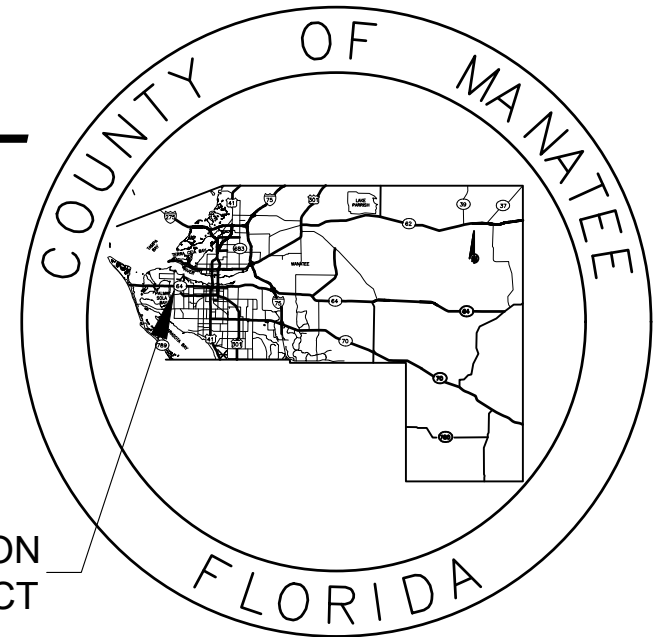


ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS
UTILITY RELOCATION PLANS

MANATEE COUNTY PROJECT No: 6108260

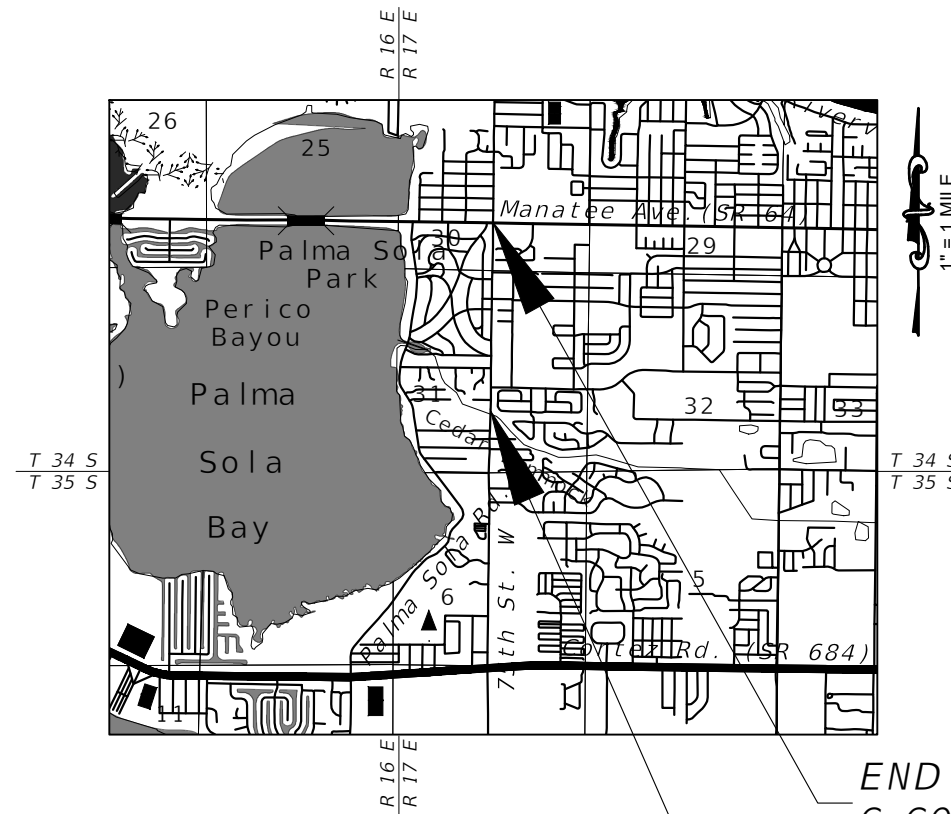
75TH STREET WEST
FROM 20TH AVENUE W. TO
MANATEE AVENUE W. (SR 64)

BRADENTON, FLORIDA



LOCATION OF PROJECT

90% SUBMITTAL
JULY 2023
(NOT FOR CONSTRUCTION)



FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2023-24 DESIGN STANDARDS
eBOOK (DSeB) AND APPLICABLE DESIGN STANDARDS REVISIONS (DSRs) AT THE
FOLLOWING WEBSITE:
<https://www.fdot.gov/design/standardplans/sprbc.shtm>

FLORIDA DEPARTMENT OF TRANSPORTATION, 2018 MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS (FLORIDA GREENBOOK) AT THE FOLLOWING WEBSITE:

[HTTPS://www.fdot.gov/roadway](https://www.fdot.gov/roadway)

MANATEE COUNTY PUBLIC WORKS HIGHWAY & TRAFFIC STANDARDS (APRIL 2022)
MANATEE COUNTY PUBLIC WORKS UTILITY STANDARDS, FEBRUARY 2020

FLORIDA DEPARTMENT OF TRANSPORTATION FY 2023-24 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

MANATEE COUNTY, APRIL 2022 PUBLIC WORKS STANDARDS PUBLIC
WORKS STANDARDS
http://www.mymanatee.org/departments/public_works/infrastructure_engineering



ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ENLARGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

ROADWAY PLANS
ENGINEER OF RECORD:

JEREMY FIORE RUNKLE, P.E. NO. 73855
STANTEC CONSULTING SERVICES, INC.
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FL, 33759
727-531-3505



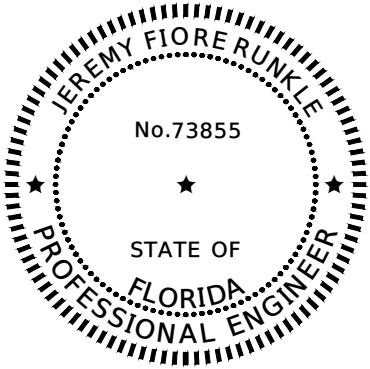
Know what's below
Call before you dig

COUNTY PROJECT MANAGER:
ANTHONY RUSSO, P.E.

<i>FISCAL YEAR</i>	<i>SHEET NO.</i>
<i>23</i>	<i>1</i>

J:\238200272\acad\dwg\0000000000\Roadway\KEYSRD01.dwg 7/21/2023 4:35 PM

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



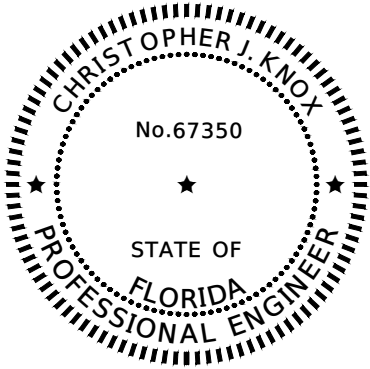
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JEREMY FIORE RUNKLE, P.E.
STANTEC CONSULTING SERVICES, INC.
380 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FL 33759
PHONE NUMBER: (727) 531-3505

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
7	SUMMARY OF PAY ITEMS
8 - 9	TYPICAL SECTIONS
13	PROJECT LAYOUT
14	PROJECT CONTROL
15 - 17	GENERAL NOTES
18 - 27	ROADWAY PLANS
28 - 37	ROADWAY PROFILES
38 - 47	BACK-OF-SIDEWALK PROFILES
57 - 91	ROADWAY CROSS-SECTIONS
92 - 99	DRIVEWAY HALF-SECTIONS
112	SOIL SURVEY SHEET
113 - 115	TEMPORARY TRAFFIC CONTROL NOTES
116 - 135	TEMPORARY TRAFFIC CONTROL PLAN
136 - 145	UTILITY ADJUSTMENTS
146 - 155	EXISTING SURVEY CONDITIONS



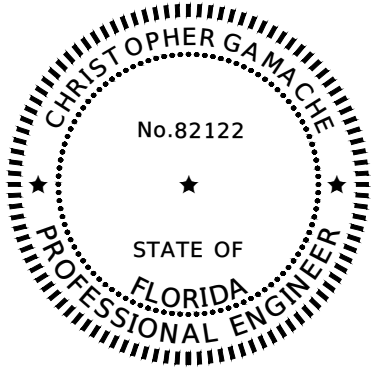
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CHRISTOPHER J. KNOX, P.E.
STANTEC CONSULTING SERVICES, INC.
300 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FL 33759
PHONE NUMBER: (727) 531-3505

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
3 - 4	EXISTING DRAINAGE MAP
5 - 6	PROPOSED DRAINAGE MAP
10 - 12	SUMMARY OF DRAINAGE STRUCTURES
48 - 50	DRAINAGE DETAILS
51 - 56	POND DETAIL SHEETS
100 - 101	STORMWATER POLLUTION PREVENTION PLAN
102 - 111	EROSION CONTROL PLAN



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CHRISTOPHER P. GAMACHE, P.E.
STANTEC CONSULTING SERVICES, INC.
300 PARK PLACE BOULEVARD, SUITE 300
CLEARWATER, FL 33759
PHONE NUMBER: (727) 531-3505

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
57	SPECIAL DETAILS

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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Stantec
STANTEC CONSULTING SERVICES, INC.

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



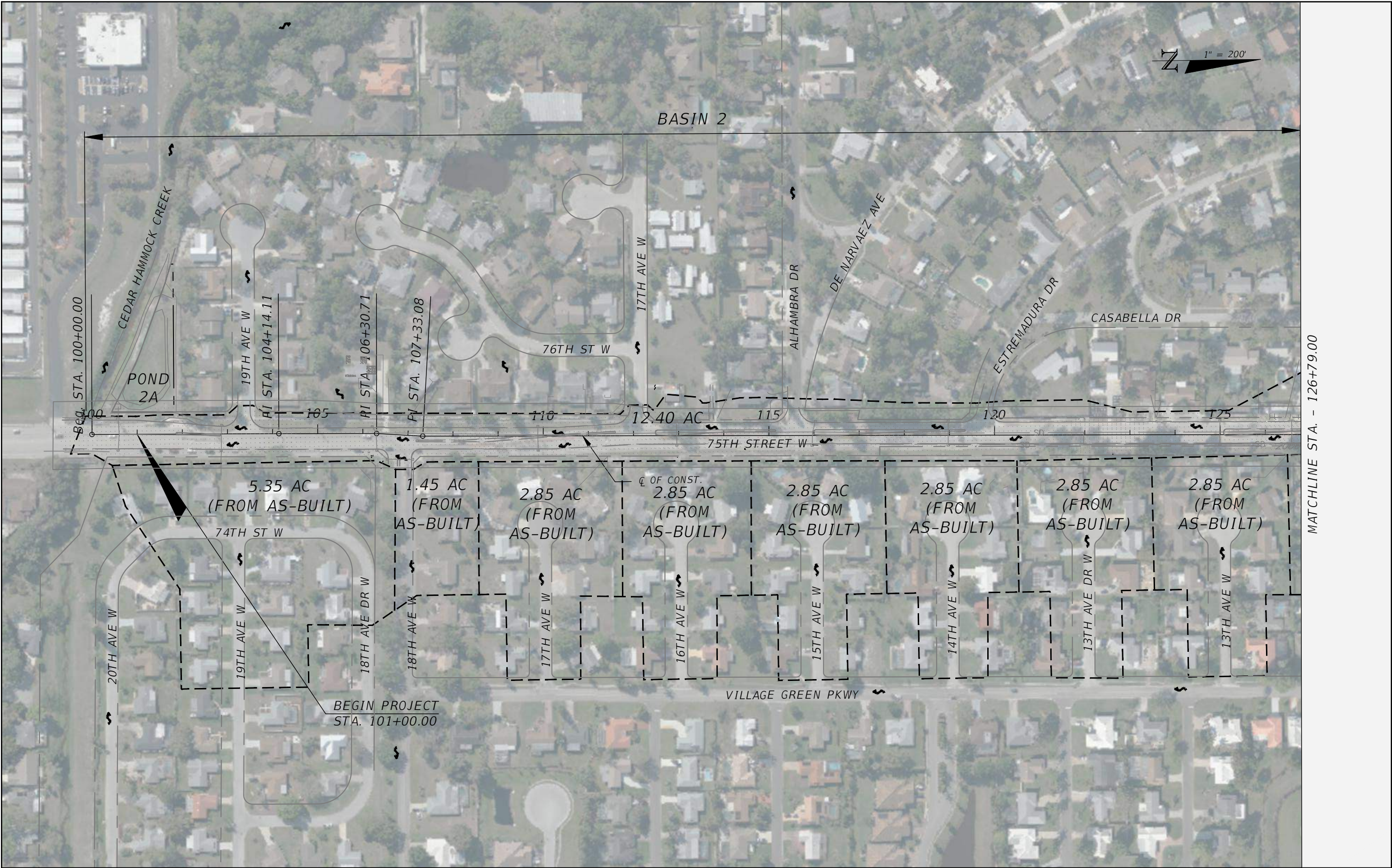
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

SIGNATURE SHEET

SHEET NO.
2

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NO.	DESCRIPTION	DATE	BY
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STANTEC CONSULTING SERVICES, INC.

CHRISTOPHER J. KNOX, P.E.
P.E. LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



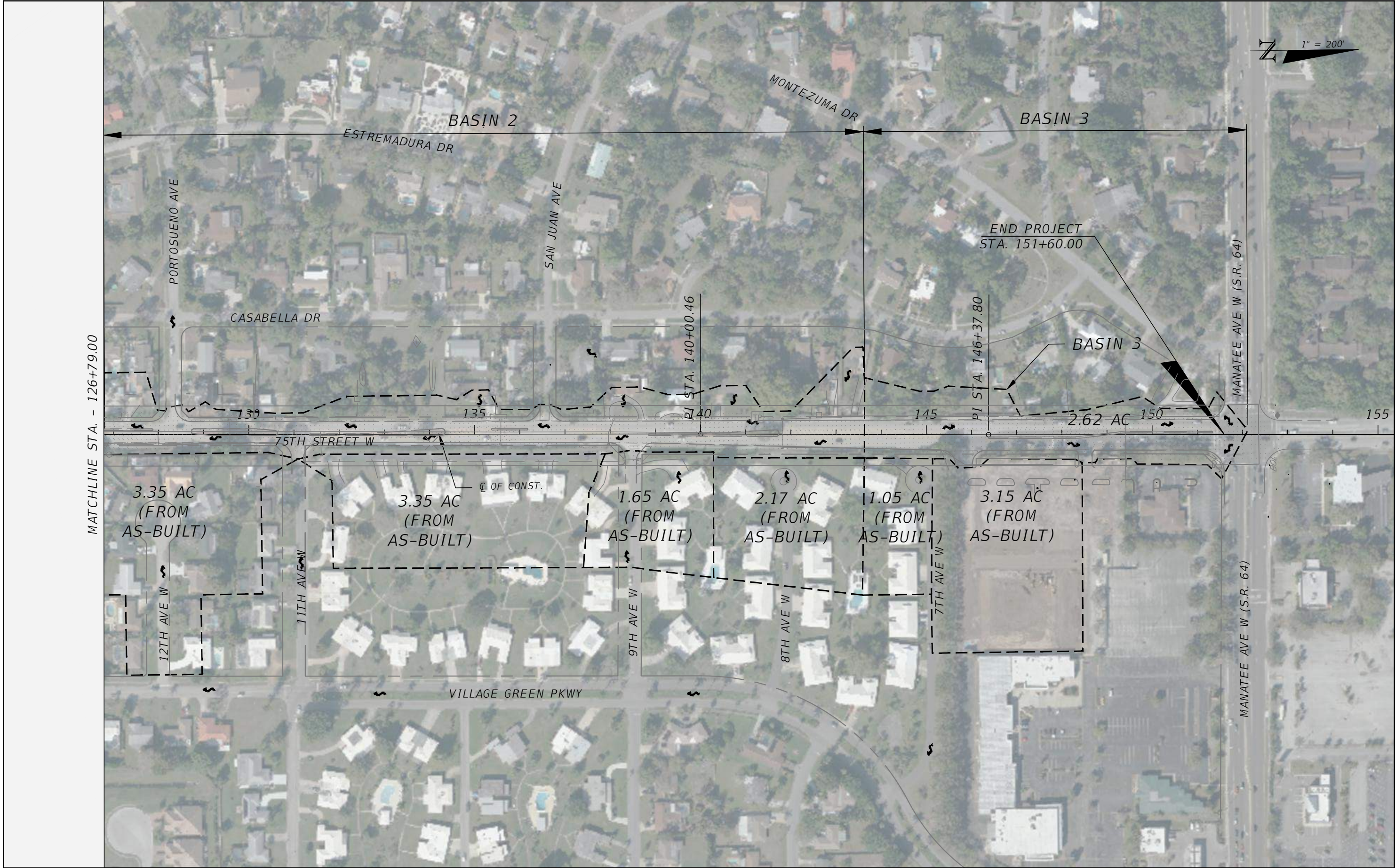
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

EXISTING DRAINAGE MAP (1)

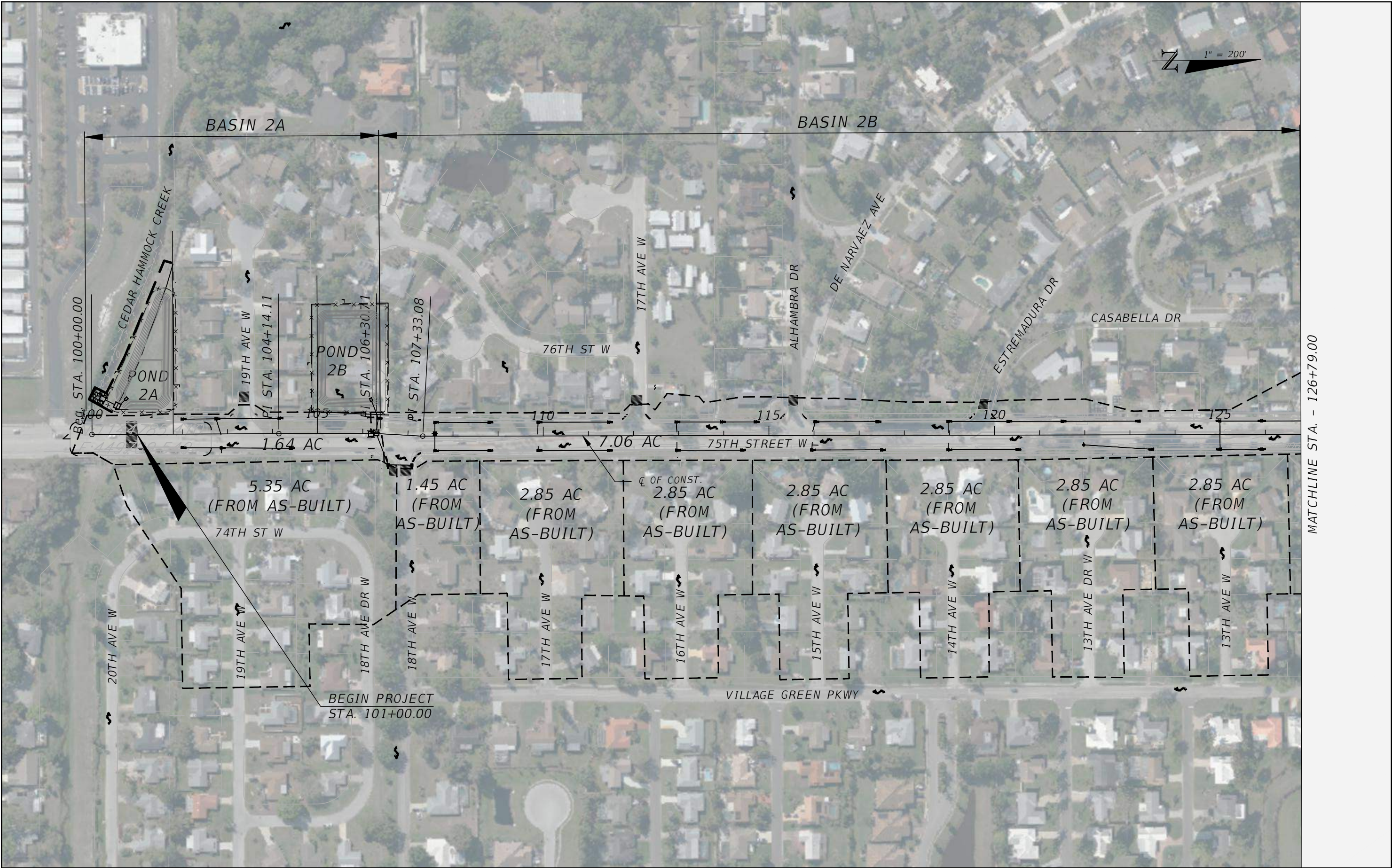
SHEET NO.
3

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REVISIONS				 STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				EXISTING DRAINAGE MAP (2)	4
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REVISIONS			
NO.	DESCRIPTION	DATE	BY
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Stantec
STANTEC CONSULTING SERVICES, INC.

CHRISTOPHER J. KNOX, P.E.
P.E. LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

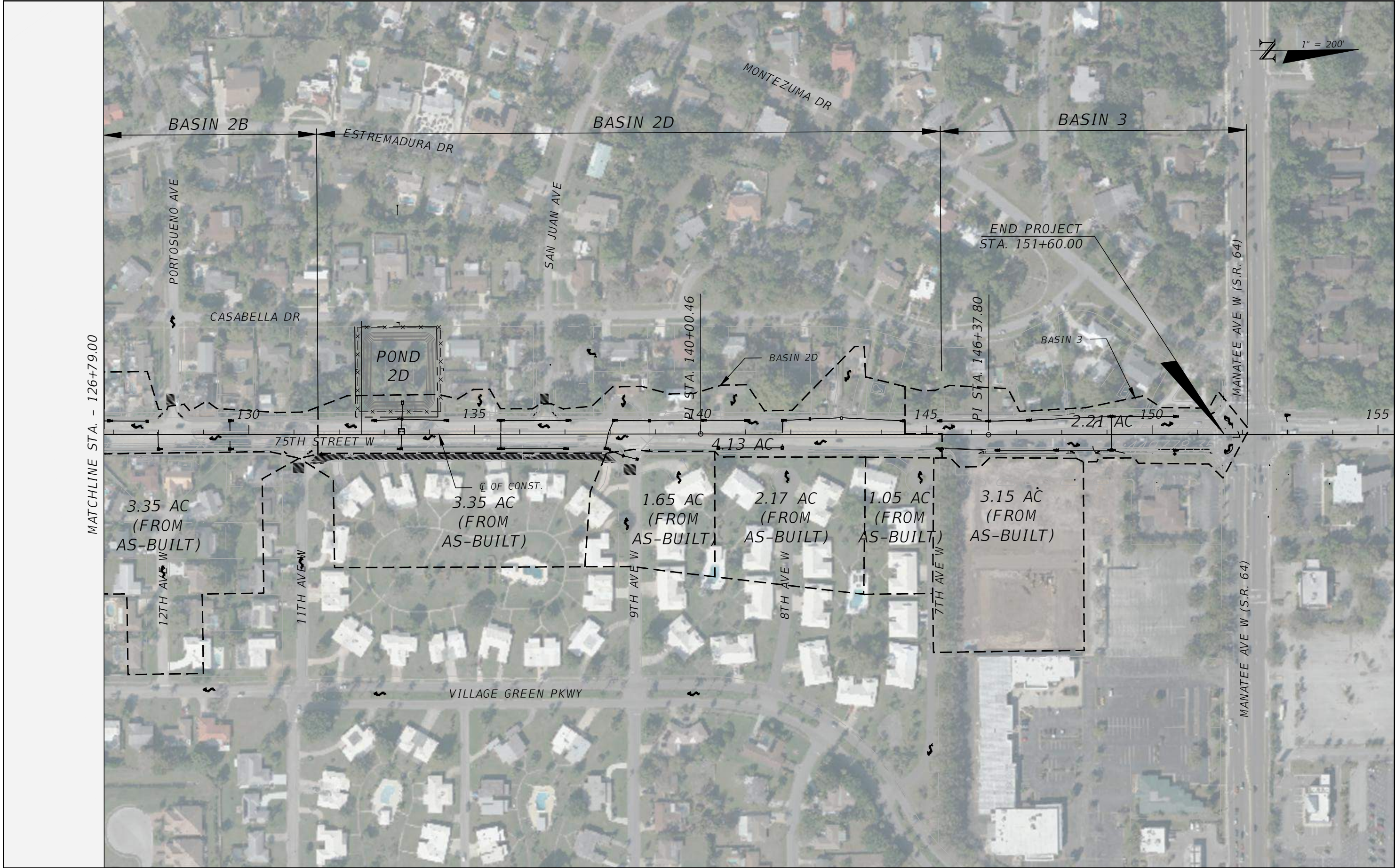


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
PROPOSED DRAINAGE MAP (1)

SHEET NO.
5

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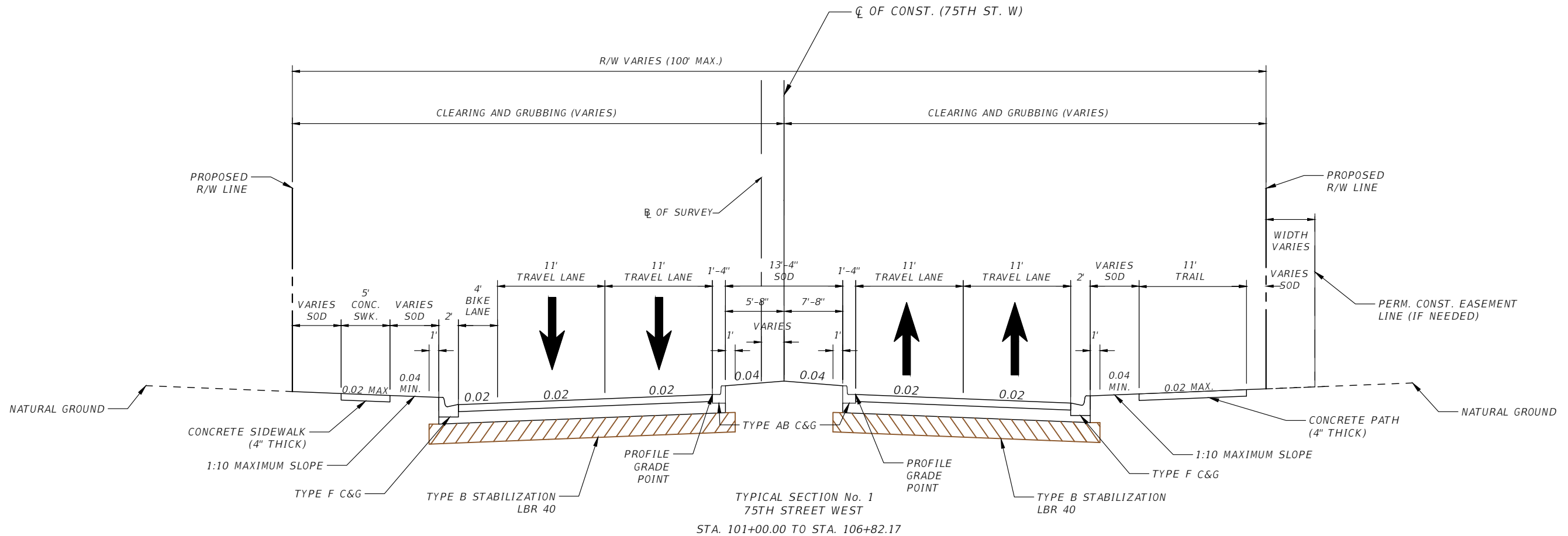
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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) PROPOSED DRAINAGE MAP (2)	SHEET NO. 6
NO.	DESCRIPTION	DATE	BY					
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SUMMARY OF PAY ITEMS			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
201020-001	MOBILIZATION (10%) (FDOT 101-1)	LS	1
201500-001	MAINTENANCE OF TRAFFIC (10%) (FDOT 102-1)	LS	1
102-2-200	SPECIAL DETOUR-TEMPORARY PAVEMENT	SY	4948
102-71-13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	1260
102-71-23	TEMPORARY BARRIER, F&I, RELOCATE, LOW PROFILE CONCRETE	LF	336
102-74-1	CHANNELIZING DEVICE	ED	337990
104-10-3	SEDIMENT BARRIER	LF	1484
104-12	STAKED TURBIDITY BARRIER	LF	115
104-18	INLET PROTECTION SYSTEM	EA	3
110-1-1	CLEARING AND GRUBBING (12.20 AC)	LS/AC	12
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	9258
110-7-1	MAILBOX, F&I, SINGLE	EA	30
120-1	REGULAR EXCAVATION	CY	30611.1
120-6	EMBANKMENT	CY	231.4
160-4	TYPE 8 STABILIZATION	SY	38137
285-709	OPTIONAL BASE, BASE GROUP 09	SY	35191.29268
286-2	TURNOUT CONSTRUCTION-ASPHALT/DRIVEWAY BASE-ASPHALT MATERIAL	SY	339
327-70-6	MILLING EXISTING ASPH PAVT, 1 1/2" AVG DEPTH	SY	3347.82
334-1-53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG 76-22	TN	18.6
337-7-82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	1965.4
339-1	MISCELLANEOUS ASPHALT PAVEMENT	TN	250.0
400-0-11	CONCRETE CLASS NS, GRAVITY WALL	CY	77.0
425-1201	INLETS, CURB, TYPE P-9, <10'	EA	8
425-1203	INLETS, CURB, TYPE J-9, <10'	EA	1
425-1311	INLETS, CURB, TYPE P-1, <10'	EA	1
425-1351	INLETS, CURB, TYPE P-5, <10'	EA	54
425-1361	INLETS, CURB, TYPE P-6, <10'	EA	7
425-1531	INLETS, DITCH BOTTOM, TYPE C MODIFIED-BACK OF SIDEWALK, <10'	EA	2
425-2-41	MANHOLES, P-7, <10'	EA	2
425-2-61	MANHOLES, P-8, <10'	EA	1
425-2-63	MANHOLES, P-8, PARTIAL	EA	1
425-2-74	MANHOLES, J-7, <10' CONTROL STRUCTURE (12.0'x12.0')	EA	2
425-2-75	MANHOLES, J-7, >10' CONTROL STRUCTURE (12.0'x12.0')	EA	1
425-5	MANHOLES, ADJUST	EA	15
425-6	VALVE BOXES, ADJUST	EA	51
430-175-112	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 12"S/CD	LF	40
430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	113
430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	4010
430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	491
430-175-130	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 30"S/CD	LF	107
430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	8
430-175-160	PIPE CULVERT, OPT MATERIAL, ROUND, 60"S/CD	LF	52
430-175-215	PIPE CULVERT, OPT MATERIAL, OTHER-ELLIPTICAL/ARCH, 15"S/CD	LF	853
430-175-224	PIPE CULVERT, OPT MATERIAL, OTHER-ELLIPTICAL/ARCH, 24"S/CD	LF	8
430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	3
430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	3
430-982-143	MITERED END SECTION, OPTIONAL ROUND, 60" CD	EA	1
440-1-20	UNDERDRAIN, TYPE II	LF	2184
515-1-1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	24
520-1-10	CONCRETE CURB & GUTTER, TYPE F (INCLUDES TYPE A MIAMI CURB & GUTTER PER MC DETAIL 201.1)	LF	11776.5862
520-2-8	CONCRETE CURB, TYPE RA	LF	5038.68
520-3	VALLEY GUTTER - CONCRETE	LF	171

520-5-11	TRAFFIC SEPARATOR CONCRETE - TYPE I, 4' WIDE	LF	1759
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	8301.6
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	992.4
527-2	DETECTABLE WARNINGS	SF	756.6444
530-3-4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	112.8308314
530-74	BEDDING STONE	TN	50.2274
550-10-222	FENCING, TYPE B, 5.1-6.0, W/ VINYL COATING	LF	2260
550-60-623	FENCE GATE, TYPE B VINYL, DOUBLE, 12.1-18.0' OPENING	EA	3
570-1-2	PERFORMANCE TURF. SOD	SY	7633.462622

REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				SUMMARY OF PAY ITEMS	7
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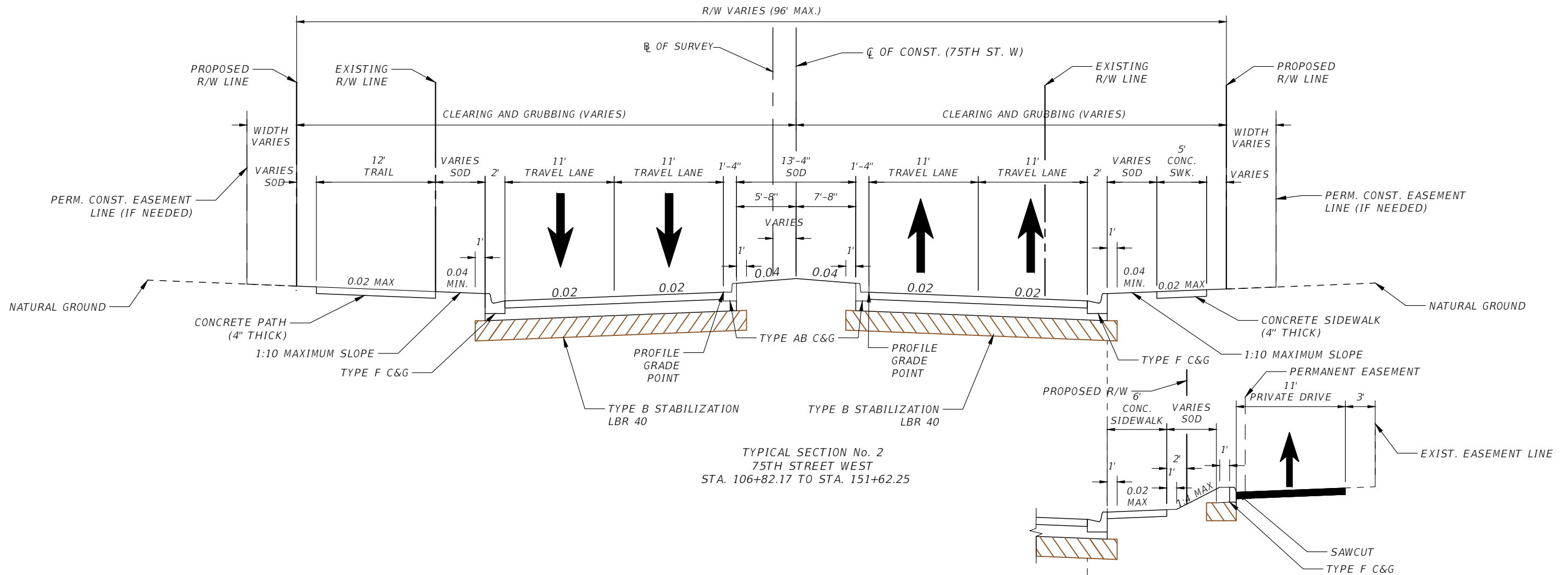


TRAVEL AND BIKE LANES
 OPTIONAL BASE GROUP 9 LIMEROCK LBR 100 (10") WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
 AND FRICTION COURSE FC-9.5 (1") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 21,000
 ESTIMATED OPENING YEAR = 2025 AADT = 22,500
 ESTIMATED DESIGN YEAR = 2045 AADT = 30,500
 K = 9% D = 52% T = 2.2% (24 HOUR)
 DESIGN HOUR T = 1.1%
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 45 MPH

REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				TYPICAL SECTION (1)	8
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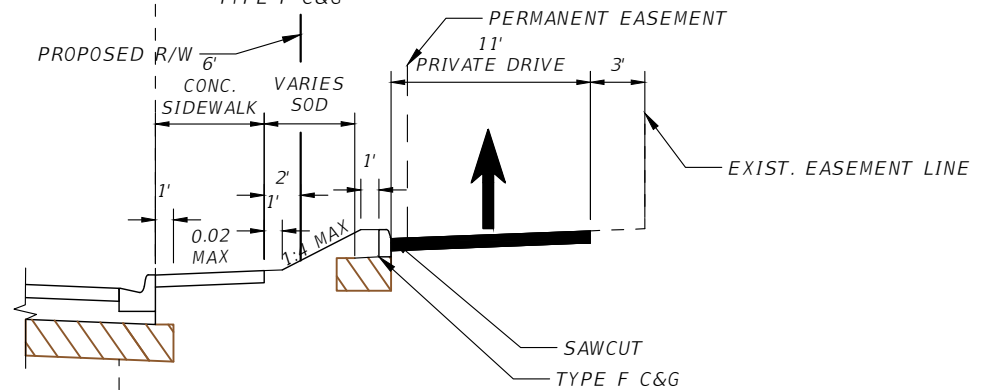


TYPICAL SECTION No. 2
75TH STREET WEST
STA. 106+82.17 TO STA. 151+62.25

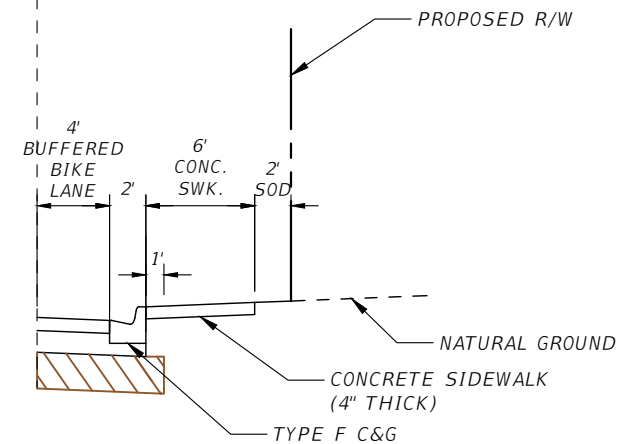
TRAVEL AND BIKE LANES
OPTIONAL BASE GROUP 9 LIMEROCK, LBR 100 (10") WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 21,000
ESTIMATED OPENING YEAR = 2025 AADT = 22,500
ESTIMATED DESIGN YEAR = 2045 AADT = 30,500
K = 9% D = 52% T = 2.2% (24 HOUR)
DESIGN HOUR T = 1.1%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH



TYPICAL SECTION DETAIL "A"
STA. 131+20.51 TO STA. 138+33.29



TYPICAL SECTION DETAIL "B"
STA. 138+58.06 TO STA. 151+60.85

REVISIONS				 STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				TYPICAL SECTION (2)	9
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QTY.	STRUCT. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE						CURB INLETS					MANHOLES			DITCH BOTTOM INLETS	MITERED END SECTION			REMARKS				
						ROUND						ELLIP.		P-1	P-5	P-6	P-9	J-9	P-7		J-7	P-8			C	ROUND		
						12"	15"	18"	24"	30"	48"	60"	12"x18'	19x30"	<10	<10	<10	<10	<10		<10	<10	<10		Partial	MOD.	18"	30"
P	S-100	100+27.58	LT	Pipe, MES	1							32														1		
F																												
P	S-101	100+56.17	LT	Pipe, Manhole	1							4							1								SEE DRAINAGE DETAILS (1)	
F																												
P	S-102	100+75.00	LT	Pipe, MES						15															1			
P	S-103	102+00.00	LT	Inlet, Pipe	1			75								1												
F																												
P	S-104	102+00.00	RT	Inlet, Pipe	1			87								1												
F																												
P	S-105	102+75.00	LT	Inlet, Pipe	1			37								1												
F																												
P	S-106	102+86.50	RT	Pipe, Inlet, Pipe	1				11	4						1												
F																												
P	S-107	104+15.00	LT	Inlet, Pipe	1			140								1												
F																												
P	S-108	104+40.00	RT	Inlet, Pipe	1			153								1												
F																												
P	S-109	106+12.00	LT	Pipe, MES	1		39																	1				
F																												
P	S-110	106+15.00	LT	Inlet, Pipe	1											1												
F																												
P	S-111	106+29.46	LT	Pipe, Manhole, Pipe	1		36					8							1								SEE DRAINAGE DETAILS (2)	
F																												
P	S-112	106+60.01	RT	Inlet, Pipe	1				76									1										
F																												
P	S-113	107+12.45	RT	Inlet, Pipe	1			53										1										
F																												
P	S-114	107+60.01	LT	Inlet, Pipe	1			24								1												
F																												
P	S-115	107+60.01	LT	Pipe, Manhole, Pipe	1							8								1								
F																												
P	S-116	107+60.01	RT	Inlet, Pipe	1			38								1												
F																												
P	S-117	108+80.01	LT	Inlet, Pipe	1			120								1												
F																												
P	S-118	108+80.01	RT	Inlet, Pipe	1			120								1												
F																												
P	S-119	109+89.00	LT	Inlet, Pipe	1			26								1												
F																												
P	S-120	109+89.00	RT	Inlet, Pipe	1				9							1												
F																												
P	S-121	111+45.01	LT	Inlet, Pipe	1			156								1												
F																												
P	S-122	111+45.01	RT	Inlet, Pipe	1			156								1												
F																												
P	S-123	112+94.50	LT	Inlet, Pipe	1			18								1												
F																												
P	S-124	112+96.00	RT	Inlet, Pipe	1	4			18							1												
F																												
P	S-125	113+95.01	LT	Inlet, Pipe	1			101								1												
F																												
P	S-126	112+96.00	RT	Inlet, Pipe	1			144								1												
F																												
P	S-127	114+70.01	LT	Inlet, Pipe	1			75								1												
F																												
SHEET TOTALS				PLAN QUANTITY		4	75	1523	114	19	0	52	0	0	20	0	2	0	0	2	1	0	0	1	1	1		
				FINAL QUANTITY																								

QTY.	STRUCT. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE						CURB INLETS					MANHOLES				DITCH BOTTOM INLETS	MITERED END SECTION			REMARKS			
						ROUND						ELLIP.		P-1	P-5	P-6	P-9	J-9	P-7	J-7		P-8		C		ROUND		
						12"	15"	18"	24"	30"	42"	60"	12"x18'									19x30'	<10			<10	<10	<10
P	S-156	135+58.00	LT	Inlet, Pipe	1			23																				
F																												
P	S-157	135+58.00	RT	Inlet, Pipe	1					34																		
F																												
P	S-158	137+00.01	RT	Inlet, Pipe	1			141																				
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P	S-159	137+05.01	LT	Inlet, Pipe	1			144																				
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P	S-160	137+89.00	RT	Inlet, Pipe	1					36																		
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P	S-161	138+08.00	LT	Inlet, Pipe	1					25																		
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P	S-162	138+29.00	RT	Inlet, Pipe	1			43																				
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P	S-163	138+59.77	RT	Inlet, Pipe	1			28																				
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P	S-164	138+87.00	LT	Inlet, Pipe	1					76																		
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P	S-165	140+05.01	LT	Inlet, Pipe	1			115																				
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P	S-166	140+39.98	RT	Inlet, Pipe	1			138																				
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P	S-167	141+00.01	LT	Inlet, Pipe	1			92																				
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P	S-168	141+82.00	LT	Inlet, Pipe	1			25																				
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P	S-183	150+50.00	RT	Pipe, Manhole, Pipe	1								8							1								
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SHEET TOTALS				PLAN QUANTITY		0	0	1016	137	42	0	0	853	8	1	15	4	4	1	1	0	0	0	2	0	0	0	
				FINAL QUANTITY		40	117	4014	491	97	8	52	853	8	1	55	6	8	1	2	3	1	1	2	2	1	1	

REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) SUMMARY OF DRAINAGE STRUCTURES (2)	SHEET NO. 11
NO.	DESCRIPTION	DATE	BY					
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QTY.	STRUCT. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM SEWER PIPE								CURB INLETS					MANHOLES				DITCH BOTTOM INLETS		MITERED END SECTION			REMARKS	
						ROUND								ELLIP.		P-1	P-5	P-6	P-9	J-9	P-7	J-7	P-8		C	ROUND			
						12"	15"	18"	24"	30"	42"	60"	12"x18'	19x30"	<10	<10	<10	<10	<10	<10	<10	<10	Partial	MOD.	18"	30"	66"		
P	S-156	135+58.00	LT	Inlet, Pipe	1			23								1													
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P	S-157	135+58.00	RT	Inlet, Pipe	1					34						1													
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P	S-158	137+00.01	RT	Inlet, Pipe	1			141								1													
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P	S-159	137+05.01	LT	Inlet, Pipe	1			144								1													
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P	S-160	137+89.00	RT	Inlet, Pipe	1				36							1													
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P	S-161	138+08.00	LT	Inlet, Pipe	1				25							1													
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P	S-162	138+29.00	RT	Inlet, Pipe	1			43										1											
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P	S-163	138+59.77	RT	Inlet, Pipe	1			28										1											
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P	S-166	140+39.98	RT	Inlet, Pipe	1			138										1											
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P	S-167	141+00.01	LT	Inlet, Pipe	1			92								1													
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P	S-168	141+82.00	LT	Inlet, Pipe	1			25								1													
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P	S-169	141+81.00	RT	Inlet, Pipe	1			4		8									1										
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P	S-182	150+50.00	RT	Inlet, Pipe	1									6			1												
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P	S-183	150+50.00	RT	Pipe, Manhole, Pipe	1								8						1										
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SHEET TOTALS				PLAN QUANTITY		0	0	1016	137	42	0	0	853	8	1	15	4	4	1	1	0	0	0	2	0	0	0		
				FINAL QUANTITY		40	117	4014	491	97	8	52	853	8	1	55	6	8	1	2	3	1	1	2	2	1	1		

REVISIONS

NO.	DESCRIPTION	DATE	BY
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CHRISTOPHER J. KNOX, P.E.
LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727)531-3505



MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

SUMMARY OF DRAINAGE
STRUCTURES (3)

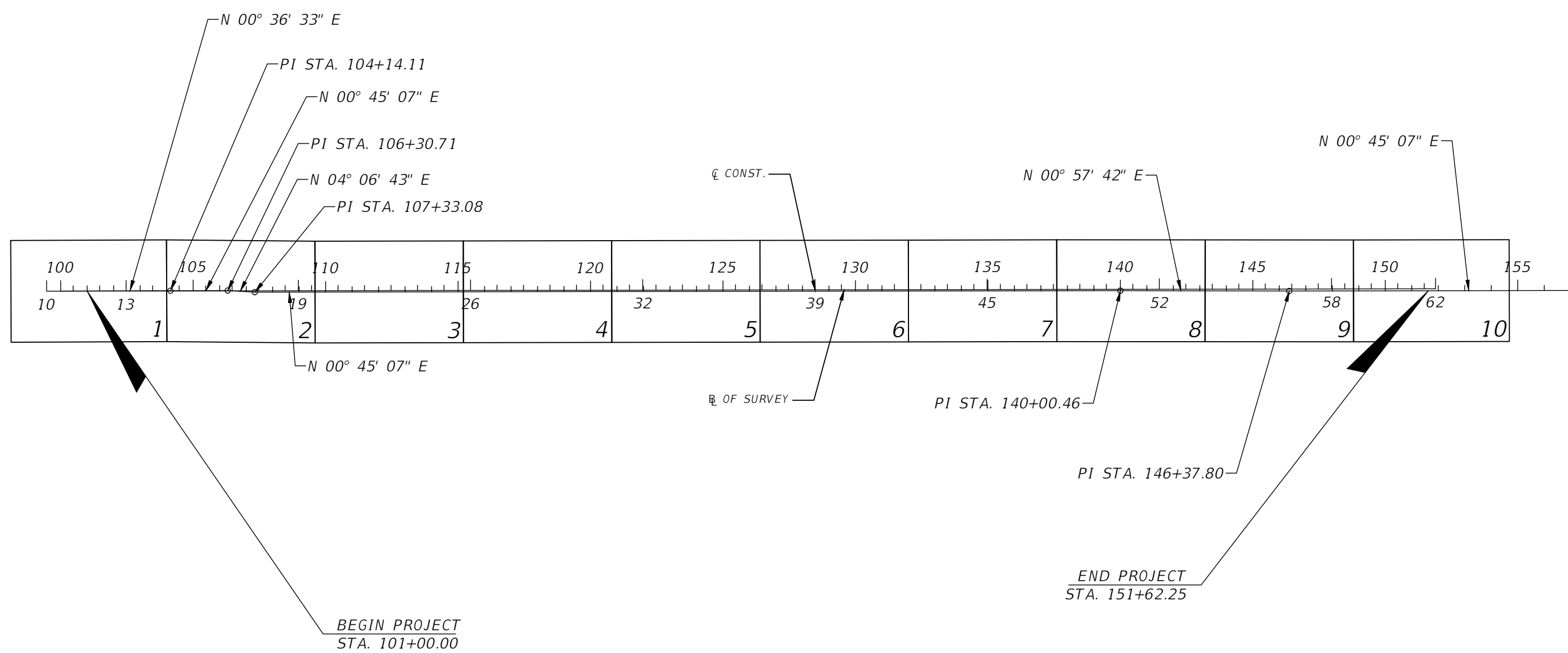
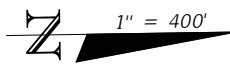
SHEET NO.
12

Lapido-Loureiro, Brigitte

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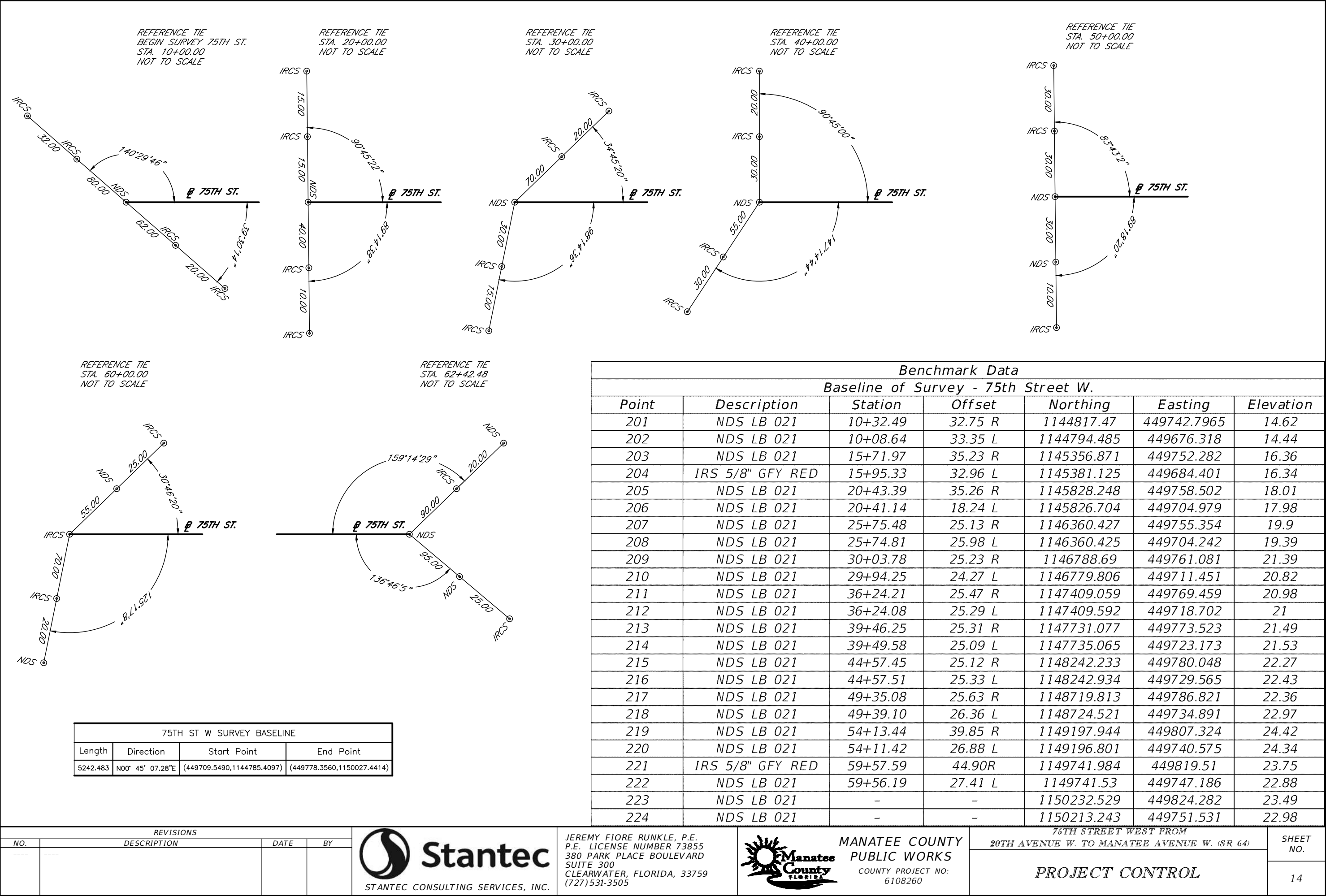
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTE:
SEE PROJECT CONTROL SHEET FOR CL SURVEY GEOMETRY.
ALL BEARINGS ON THIS SHEET REFER TO CL CONSTRUCTION.

REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				PROJECT LAYOUT	13
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



GENERAL NOTES

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE MANATEE COUNTY PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: ANTHONY RUSSO, P.E. AND CAN BE REACHED AT (941) 708-7450; EXT. 7349.
2. SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE ARRANGED THROUGH THE PROJECT MANAGER.
3. ALL CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF MANATEE COUNTY UTILITY AND TRANSPORTATION STANDARDS AND/OR FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" UNLESS OTHERWISE INDICATED ON THE PLANS.
- VERTICAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY A MINIMUM OF TWO REFERENCE BENCHMARKS DESCRIBED
4. ON THE "THE NORTH AMERICAN VERTICAL DATUM OF 1988", (NAVD '88). THE SURVEY IS REFERENCED TO A GRID PROJECTION OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE NAD 1983 / 2011 ADJUSTMENT).
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CONDITIONS AND REQUIREMENTS OF ALL PERMITS AND ALL GOVERNING FEDERAL, STATE, AND LOCAL AGENCIES. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS THAT ARE NOT PROVIDED IN THE BID DOCUMENTS, AT NO ADDITIONAL COST TO THE OWNER.
6. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATION THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
7. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
8. AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1-800-432-4770 OR THE NATIONAL 811 ONE CALL NUMBER WHEN APPLICABLE FOR UTILITY LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITIES FOR THE POSSIBLE RELOCATION OR THE TEMPORARY MOVEMENT OF ANY EXISTING UTILITIES WITHIN THE RIGHTS-OF-WAY.
9. ALL STATIONS AND OFFSETS REFER TO CENTERLINE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
10. THE CONSTRUCTION LENGTHS IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
11. SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT PRICE FOR THE APPROPRIATE BID ITEM.
12. THE CONTRACTOR SHALL HAVE A FOREMAN, OR RESPONSIBLE PARTY, ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFER ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S FOREMAN OR THE COUNTY INSPECTOR. THE FOREMAN SHALL SPEAK AND UNDERSTAND ENGLISH AND SHALL BE AVAILABLE AT ALL TIMES FOR TIMELY RESOLUTION OF PROJECT-RELATED ISSUES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN CONTRACTOR AND ALL UTILITY AGENCIES.

NOTE: THIS INCLUDED MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS)

14. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
15. MONUMENTATION - HORIZONTAL CONTROL, BENCHMARKS, ETC. SET BY THE CONSULTANT, SHALL HAVE THEIR COMPANY IDENTIFICATION ON THE TAG, DISK OR CAP. AT THE COMPLETION OF THE PROJECT, SURVEY CONTROL, BENCHMARKS, PROPERTY CORNERS, ETC. LOST DUE TO CONSTRUCTION SHALL BE RESET.

SAFETY NOTES

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT, 90-96, LAWS OF FLORIDA EFFECTIVE OCTOBER 1, 1990 AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS, 29 CFR 1926.650, SUBPART P, AS AMENDED. THE CONTRACTOR SHALL INCLUDE IN THE TOTAL BID PRICE ALL COSTS FOR COMPLIANCE WITH THESE REGULATIONS.
17. THE CONTRACTOR SHALL USE SHEET PILING, SHEETING, BRACING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS.
18. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.
19. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FROM PROVIDING A CONTINUOUS SAFE WORKSPACE.

ENVIRONMENTAL NOTES

20. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL (SEC) DEVICES (E.G., BARRIERS, SEDIMENT TRAPS/BASINS, VEGETATIVE BUFFERS, ETC.) AS SPECIFIED IN THE FINAL APPROVED PLANS FOR THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SEC DEVICES UTILIZED DURING THE PROJECT, AS WELL AS INSTALLATION AND MAINTENANCE OF ANY ADDITIONAL MEASURES DEEMED NECESSARY DURING PROJECT IMPLEMENTATION, TO PREVENT EROSION AND OFF-SITE SEDIMENT MIGRATION. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ALL SEC DEVICES UPON CONCLUSION OF THE PROJECT, AND UPON ADEQUATE STABILIZATION OF DISTURBED SOILS.
21. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY STORM WATER, EROSION, AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE FDEP "FLORIDA STORM WATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS AND TO DITCHES DURING CONSTRUCTION.
22. STOCKPILES SHALL BE PROTECTED AT ALL TIMES BY ON-SITE DRAINAGE CONTROLS WHICH PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES IS REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY STOCKPILED MATERIAL REMAIN AFTER THIRTY (30) CALENDAR DAYS.
23. STORM WATER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION. THIS WILL BE MAINTAINED TO PREVENT DEGRADATION OF THE WATERS OF THE COUNTY AND STATE.
24. SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS, AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING BODIES OF WATER, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERATIVE BEFORE ANY OTHER DISTURBANCE OF THE SITE BEGINS. EARTHEN STRUCTURES INCLUDING BUT NOT LIMITED TO BERMS, EARTH FILTERS, DAMS OR DIKES SHALL BE STABILIZED AND PROTECTED FROM DRAINAGE DAMAGE OR EROSION WITHIN ONE (1) WEEK OF INSTALLATION.
25. ALL SWALES, DITCHES, AND CHANNELS LEADING FROM THE SITE SHALL BE PROTECTED FROM SILTATION AND EROSION DURING CONSTRUCTION AND BE SODDED WITHIN THREE (3) DAYS OF EXCAVATION.
26. SOIL DISPLACED BY CONSTRUCTION WILL BE REMOVED. EROSION CONTROL SHALL BE IMPLEMENTED IN AREAS WHICH ARE CONSIDERED ENVIRONMENTALLY SENSITIVE. EROSION CONTROL SYSTEMS SHALL BE REQUIRED FOR ALL WORK WITHIN JURISDICTIONAL AREAS. THESE SYSTEMS MAY INCLUDE STAKED HAY BALES, SILT SCREENS, FILTER FABRIC, AND TURBIDITY SCREENS.
27. ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
28. THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER WETLAND AREAS THAT MAY BE ON OR NEAR THE CONSTRUCTION SITE. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINES RESULTING FROM HIS VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS.

RIGHT-OF-WAY NOTES

29. ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FDOT RIGHT-OF-WAY AND/OR EASEMENTS SHOWN ON THE DRAWINGS.
30. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO REFERENCE AND RESTORE PROPERTY CORNER MONUMENTS, PINS, AND LANDMARKS THAT MAY BE DISTURBED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
31. THE CONTRACTOR, PRIOR TO CONSTRUCTION AND RESTRICTING ANY TRAFFIC, MUST OBTAIN A RIGHTS-OF-WAY USE PERMIT AND A TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM OTHER GOVERNMENTAL AGENCIES HAVING RELEVANT JURISDICTION. ALL MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). A TRAFFIC CONTROL PLAN SHALL BE SUPPLIED BY THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING.
32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED STORM WATER STRUCTURES, PIPING, ENTRANCE PIPE AND HEADWALLS, THAT ARE TO REMAIN, WHETHER SHOWN ON THE PLANS OR NOT.
33. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH IN THE FIELD THE RIGHT-OF-WAY LINES, BASE LINES, BENCH MARKS (ELEV.), CENTER LINES, AND STATIONING AS REQUIRED TO CONSTRUCT THIS PROJECT.
34. THE CONTRACTOR SHALL COORDINATE THE CUTTING OF DRIVEWAYS WITH THE PROPERTY OWNER PRIOR TO CUT. ALL DRIVEWAYS WILL BE IN PASSABLE CONDITION AT THE END OF THE WORK DAY AND FULLY RESTORED PER PLAN. THE CONTRACTOR SHALL COORDINATE WITH THE AFFECTED UTILITY COMPANY FOR THE ADJUSTMENT OF ANY EXISTING UTILITIES AND STRUCTURES IN ORDER TO MATCH THE PROPOSED ELEVATIONS AND ALIGNMENTS.
35. A RIGHT OF ENTRY AGREEMENT SHALL BE OBTAINED BY THE PROJECT MANAGER FROM THE PROPERTY OWNER BEFORE ANY DRIVEWAY CONSTRUCTION WORK IS DONE OUTSIDE OF THE RIGHT-OF-WAY OR EASEMENT.

REVISIONS				Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	Manatee County FLORIDA MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				GENERAL NOTES (1)	15
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UTILITIES NOTES

36. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND WHICH HAVE NOT BEEN LOCATED OR IDENTIFIED, MAY NOT BE IN THE EXACT LOCATION SHOWN OR RELOCATED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES STRUCTURES AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THE PLANS) THAT MAY AFFECT HIS WORK. ALL EXISTING UTILITIES TO BE EXTENDED, CROSSED OR CONNECTION POINTS SHALL BE EXPOSED PRIOR TO CONSTRUCTION TO VERIFY LOCATION AND ELEVATION. ANY DISCREPANCIES OR CONFLICTS FOUND SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR RESOLUTION. UTILITIES DESIGNATED VV, VH, AND VVH ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
37. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, WATER AND SEWER LINES, STORM DRAINS, UTILITIES, DRIVEWAYS, SIDEWALKS, SIGNS, MAIL BOXES, FENCES, TREES, LANDSCAPING, AND ANY OTHER IMPROVEMENT OR FACILITY IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED ITEM DUE TO HIS CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
38. THE CONTRACTOR SHALL USE APPROPRIATE TECHNIQUES, AS APPROVED, RECOMMENDED OR OFFERED BY FLORIDA POWER AND LIGHT TO PREVENT UNDERMINING OF POWER POLES DURING CONSTRUCTION. IF HOLDING OF POWER POLES IS RECOMMENDED OR REQUIRED BY THE UTILITY, THE CONTRACTOR SHALL COORDINATE THIS ACTIVITY WITH THE UTILITY AND BEAR ALL RELATED COSTS.
39. EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES.
40. A FLORIDA POWER AND LIGHT SPECIAL PROVISION IS THAT THE TYPE OF EQUIPMENT USED IN THE INSTALLATION OF MAST ARMS/FOUNDATIONS, OVERHEAD/CANTILEVER SIGNS/ROUNDATIONS, AND THE MOVEMENT/INSTALLATION OF STRAIN POLES SHALL MEET THE FOLLOWING REQUIREMENTS: 1) OVERHEAD LINES SHALL STAY IN PLACE BOTH VERTICALLY AND HORIZONTALLY 2) CONTRACTOR SHALL MEET ALL APPLICABLE OSHA REQUIREMENTS (SEPARATION SHALL FOLLOW FPL GUIDELINES). ANY COST ASSOCIATED WITH THIS TYPE OF EQUIPMENT REQUIRED FOR THIS INSTALLATION IS INCLUDED IN THE RELATED PAY ITEMS. PLEASE REFER TO THE SPECIAL CONDITIONS IN THE UTILITY WORK SCHEDULE AND UTILITY COORDINATION.
41. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITY COMPANIES FOR THE RELOCATION AND ADJUSTMENT OF ALL UTILITIES, INCLUDING, ANY EXISTING POWER POLES AND/OR UTILITY CONDUITS WITHIN RIGHT-OF-WAY.
42. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE APPROPRIATE PARTIES TO DETERMINE THE COUNTY'S FIBER COMMUNICATION NETWORK, KNOWN AS ATMS (COUNTY ISD, SCHOOL BOARD, AND TRAFFIC MANAGEMENT CENTER) IN THE AREA TO ACCOMMODATE ANY POTENTIAL CONFLICTS. AS-BUILT INFORMATION FOR EXISTING COMMUNICATION CONDUIT AND FIBER IS AVAILABLE FROM FRANK CONETTA, WITH UTILITY RECORDS (941-792-8811 EXT. 5027).
43. ALL POTABLE WATER, RECLAIMED WATER, SEWER VALVES, AND MANHOLES SHALL BE UP TO GRADE AND ACCESSIBLE BEFORE, DURING, AND AFTER THE PROJECT IS COMPLETE.

DRAINAGE AND GRADING NOTES

44. THE CONTRACTOR IS TO PROVIDE THE ENGINEER OF RECORD WITH REPRODUCIBLE RECORD DRAWINGS SHOWING ALL IMPROVEMENT LOCATIONS AND ELEVATIONS IN ACCORDANCE WITH LATEST MANATEE COUNTY TRANSPORTATION DEPARTMENT STANDARDS AND SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) STANDARDS. THE CONTRACTOR SHALL ALSO PROVIDE FIVE SETS OF PRINTS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR, OF THE RECORD DRAWINGS TO THE ENGINEER OF RECORD. THESE RECORD DRAWINGS SHALL BE CERTIFIED TO THE OWNER, APPROPRIATE GOVERNMENTAL AGENCIES. RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE STORMWATER FACILITY LOCATIONS, INCLUDING TOP OF BANK, UNDERDRAIN AND CONTROL STRUCTURES, SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. BENCH MARKS WITH THE ELEVATION CLEARLY AND PERMANENTLY MARKED ARE TO BE PLACED ON THE TOP OF ALL PROPOSED OUTFALL CONTROL STRUCTURES. RECORD DRAWINGS OF ALL MITIGATION AREAS INCLUDING ELEVATIONS, ZONES AND LIMITS SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. THE RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE THE SURFACE AREA OF STORMWATER FACILITY AREAS AT NORMAL WATER, TOP OF BANK AND ELEVATION (NWL25), AT HIGH WATER ELEVATION (HWL ALL MITIGATION AND/OR LITTORAL SHELF AREAS).
- 45 TO PREVENT SEDIMENTARY RUNOFF DURING CONSTRUCTION, STAKED HAY BALES, STAKED SILT SCREENS OR INLET DEBRIS CONTROL SCREENS ARE TO BE PLACED AT STORM INLETS, OUTFALL LOCATIONS AND ADJACENT PROPERTY LINES AS REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED AND THEN VERIFIED/INSPECTED BY MANATEE COUNTY INFRASTRUCTURE INSPECTIONS RESOURCES DIVISION (708-7450) PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SEDIMENTATION BARRIERS IN A WORKING MANNER FOR THE DURATION OF CONSTRUCTION AND SHOULD BE CHECKED DAILY. SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE-HALF OF THE DEPTH OF THE SEDIMENTATION BARRIER SHALL BE IMMEDIATELY REMOVED AND REPLACED IN UPLAND AREAS. IN ADDITION TO SPECIFIED EROSION CONTROL LOCATIONS, THE CONTRACTOR SHALL PERFORM DAILY SITE INSPECTIONS FOR POTENTIAL EROSION PROBLEMS. IF PROBLEMS OCCUR, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPROPRIATE EROSION CONTROL IMMEDIATELY. AN INSPECTION LOG SHALL BE MAINTAINED AND AVAILABLE ONSITE AT ALL TIMES. STORMWATER TREATMENT FACILITIES INCLUDING OUTFALL PER DETAIL ARE TO BE CONSTRUCTED EARLY IN SITE DEVELOPMENT, WITH NO OFF- SITE UNTREATED RUN-OFF OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING TEMPORARY EROSION CONTROL DEVICES FOLLOWING COMPLETION OF ALL CONSTRUCTION AND FINAL STABILIZATION.

46. ALL CONSTRUCTION IS TO BE STAKED IN THE FIELD BY OR UNDER THE SUPERVISION OF A FLORIDA REGISTERED LAND SURVEYOR.
47. ALL PIPE LENGTHS SHOWN ON PLAN VIEW ARE TO THE END OF THE MITERED END SECTION. REFER TO MITERED END SECTION DETAIL FOR LENGTH OF PIPE TO BE INCLUDED IN PRICE FOR MITERED END SECTION.
48. TOPOGRAPHIC AND PROPERTY SURVEYS GIVING LOT SIZE, GROUND ELEVATIONS, OBSTRUCTIONS ON SITE, LOCATIONS AND DEPTHS OF SEWERS, CONDUITS, PIPES, EXISTING STRUCTURES, CURBS, PAVEMENTS, TRACTS, AND SOIL BORING DATA GIVING THE NATURE OF GROUND AND SUBSURFACE CONDITIONS HAVE BEEN OBTAINED FROM RELIABLE SOURCES. THE ACCURACY OF THIS DATA IS NOT GUARANTEED, AND IS FURNISHED SOLELY AS AN ACCOMMODATION TO THE CONTRACTOR. USE OF THIS DATA SHALL BE MADE AT THE CONTRACTOR'S DISCRETION. NO ADDITIONAL COMPENSATION WILL BE GRANTED DUE TO THE CONTRACTOR'S LACK OF KNOWLEDGE OF SITE CONDITIONS. PRIOR TO BID SUBMISSION, THE CONTRACTOR SHALL CONDUCT ANY ADDITIONAL SURVEYS AND SOILS TESTS HE MAY DEEM NECESSARY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED.
49. THE CONTRACTOR SHALL VERIFY TOPOGRAPHY AND SATISFY HIMSELF AS TO THE EXTENT OF FILL NECESSARY TO ACHIEVE FINISHED GRADE PRIOR TO AWARD OF CONTRACT. THERE SHALL BE NO CLAIM FOR EXTRAS NOTWITHSTANDING SITE PLAN REVISIONS PROMULGATED SUBSEQUENT TO AWARD OF CONTRACT.
50. ROADSIDE UNDERDRAIN SHOWN ON PLAN IS MINIMUM AND EXTENSION SHALL BE REQUIRED AS DETERMINED NECESSARY BY THE ENGINEER OF RECORD AND/OR MCPWD INSPECTION DEPARTMENT DURING THE COURSE OF CONSTRUCTION.
51. SUITABLE FILL MATERIAL FROM EXCAVATION SHALL BE UTILIZED FOR PROJECT FILL PER GRADING SPECIFICATIONS. UNSUITABLE MATERIAL SHALL BE PLACED IN OPEN AREAS ONLY AS DIRECTED BY THE PROJECT ENGINEER AND SOILS ENGINEER IN ACCORDANCE WITH FDOT INDEX 505.
52. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STRUCTURES PRIOR TO INSTALLATIONS.
53. REFER TO CONSTRUCTION TECHNICAL SPECIFICATIONS FOR COMPACTION REQUIREMENTS, GRASSING/SODDING REQUIREMENTS, AND PAVING CONSTRUCTION MATERIAL SPECIFICATIONS.
54. ALL FILL AREAS ARE TO BE CONSTRUCTED IN 12" MAXIMUM LIFTS.
55. ON SLOPES GREATER THAN 3:1, PEGGING OR PINNING OF SOD MAY BE REQUIRED.
56. STATION LOCATIONS AND OFFSETS FOR STORM DRAIN INLETS AND MANHOLES REFERENCE THE CENTER OF THE SPECIFIED STRUCTURE BOTTOM. STATION LOCATION IS CENTER OF STRUCTURE BOTTOM FOR JUNCTION BOXES, CENTER OF RISER FOR CURB INLETS. FOR PIPES WITH MITERED END SECTIONS, THE PROPOSED LENGTHS SHOWN ON THE PLANS INCLUDE THE LENGTH OF THE MITERED END SECTION. PAYMENT FOR PIPE SHALL NOT INCLUDE THE LENGTH OF THE MITERED END SECTION. AS SPECIFIED BY DIMENSION "F" SHOWN IN FDOT INDEX 272 AND 273. PAYMENT SHALL BE FROM INSIDE STRUCTURE WALL TO INSIDE STRUCTURE WALL. ANY EXTRA PIPE LENGTH LISTED SHALL BE CONSIDERED CONTINGENT.
57. ALL CURB INLET AND JUNCTION BOX STORMWATER STRUCTURES SHALL HAVE HEAVY DUTY RING AND COVER MANHOLE ACCESS. ALL DRAINAGE BOX DETAIL SHALL FOLLOW MANATEE COUNTY CURRENT STANDARD 202 UNLESS IT IS DESIGNATED IN THE PLAN. ALL DRAINAGE BOXES SHALL HAVE A WALL THICKNESS OF 6" MINIMUM.
58. DURING DEWATERING OPERATIONS, THE CONTRACTOR SHALL NOT DISCHARGE DIRECTLY TO RECEIVING WATERS, EXISTING CONVEYANCES TO RECEIVING WATERS, OR WETLAND SYSTEMS. TEMPORARY SEDIMENT BASINS, TRAPS, OR SILTATION REDUCTION DEVICES SHALL BE UTILIZED TO COLLECT THE DISCHARGE FROM DEWATERING ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OFFSITE SEDIMENT TRANSPORT AND TO ENSURE THAT DIRECT DISCHARGE DOES NOT OCCUR.
59. ALL PROPOSED STORM DRAIN PIPES WILL BE REINFORCED CONCRETE (RCP) CLASS II UNLESS OTHERWISE SPECIFIED.

RESTORATION NOTES

60. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS SHOWN OTHERWISE.
61. ALL DISTURBED GRASSED AREAS SHALL BE SODDED. THE TYPE OF SOD USED TO REPLACE OWNER MAINTAINED AREAS IN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PROPERTY OWNER. ALL EXISTING SHRUBS, TREES, PLANTINGS AND OTHER VEGETATION, OUTSIDE OF RIGHT-OF-WAY DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT MATERIAL BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
62. CONCRETE DRIVEWAYS OR SIDEWALKS THAT ARE CUT SHALL BE RESTORED TO MATCH EXISTING ACCORDING TO THE CURRENT EDITIONS OF THE F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN, SECTION 522, AND SECTION 310 OF THE F.D.O.T. DESIGN STANDARDS LATEST REVISION.
63. WHENEVER A PERMANENT ROADWAY SURFACE IS NOT PLACED IMMEDIATELY AFTER BACKFILLING AND COMPACTION OF THE NEWLY INSTALLED PIPE LINE IN AREAS WHERE TRAFFIC MUST PASS, THE CONTRACTOR SHALL INSTALL A TEMPORARY SURFACE CONSISTING OF NINE INCHES OF COMPACTED LIME ROCK BASE AND A COAT OF ASPHALT EMULSION. PERMANENT ROADWAY REPAIR SHALL BE PERFORMED A MAXIMUM OF TWENTY-ONE CALENDAR DAYS AFTER THE INITIAL OPEN CUTTING.
64. RESTORATION OF CURBS, DRIVEWAYS, SIDEWALKS, AND PLACEMENT OF SOD SHALL BE COMPLETED WITHIN FORTY-FIVE CALENDAR DAYS OF INITIAL DISTURBANCE, OR TWENTY-ONE CALENDAR DAYS OF SUBSTANTIAL COMPLETION, WHICHEVER OCCURS FIRST.

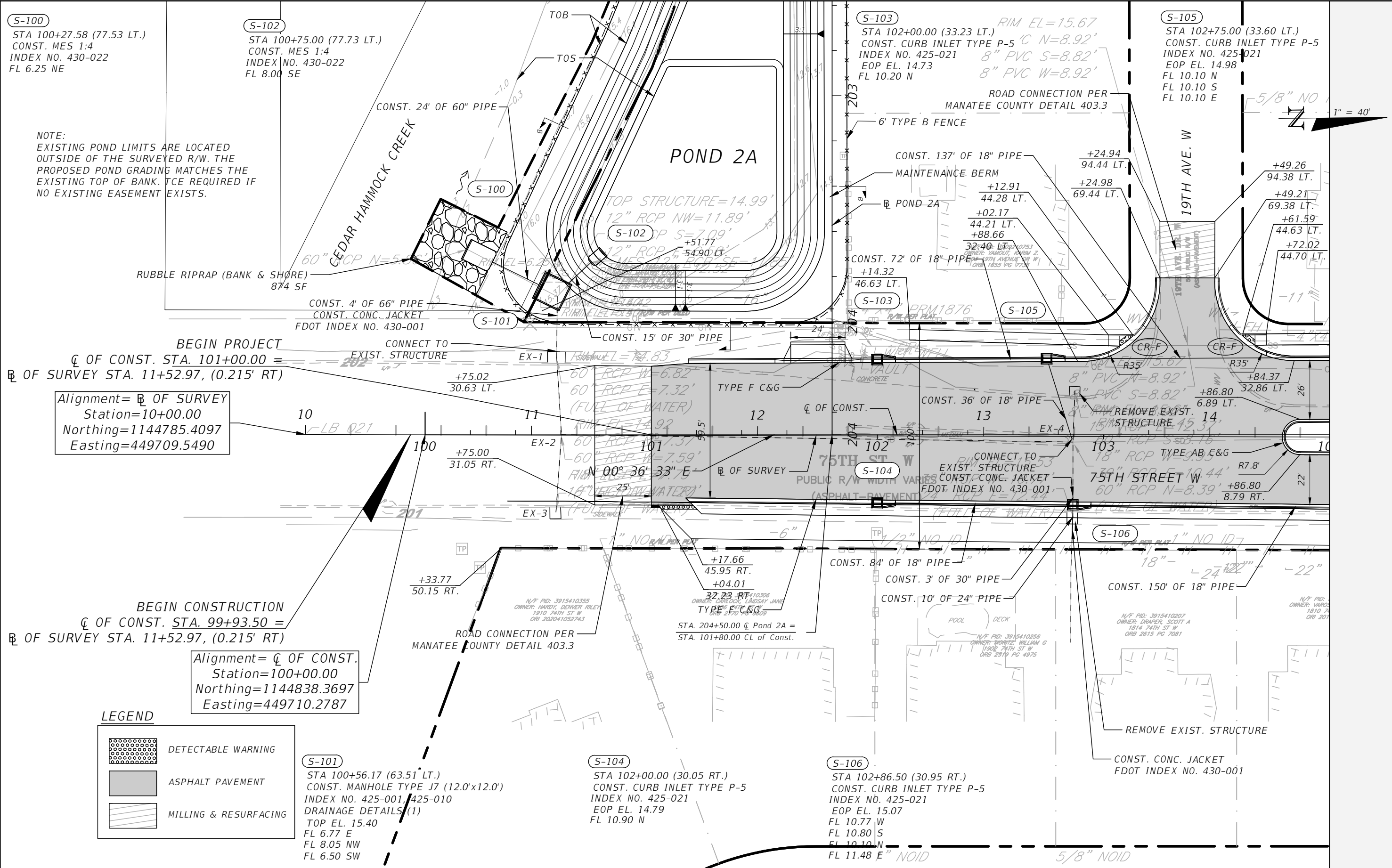
REVISIONS				 STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
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CONSTRUCTION NOTES

65. THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT BAFFELS POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES, AS APPROVED BY THE ENGINEER.
66. NO MATERIAL SHALL BE STOCKPILED IN ROADWAYS. ALL DIRT AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE DAILY. ROADS SHALL BE SWEEPED DAILY AS PART OF DAILY CLEAN UP.
67. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
68. INGRESS AND EGRESS TO ALL THE PROPERTIES IN THE CONSTRUCTION AREA SHALL BE MAINTAINED AT ALL TIMES.
69. PRIOR APPROVAL WILL BE REQUIRED FOR REMOVAL OF ANY TREE WITHIN THE CONSTRUCTION AREA, UNLESS OTHERWISE NOTED ON THE PLANS.
70. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY. DEWATERING IS REQUIRED TO 18" BELOW TRENCH BOTTOM. THE CONTRACTOR SHALL SUBMIT DEWATERING PLAN TO DISTRICT FOR APPROVAL PRIOR TO CONSTRUCTION.
71. ALL PIPING AND FITTINGS USED ON THIS PROJECT SHALL BE AS NOTED ON THE PLANS AND IN THE CONTRACT DOCUMENT AND SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES.
72. ALL PIPE LENGTHS ARE PLUS OR MINUS AND MAY BE ADJUSTED IN THE FIELD AS REQUIRED. PIPE MEASUREMENTS AND STATION OFFSETS ARE TO CENTER OF STRUCTURES OR FITTINGS.
73. ALL ROCKS OR STONES LARGER THAN SIX INCH DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL. BACKFILL MATERIAL PLACED WITHIN ONE FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO INCH DIAMETER.
74. ALL PENETRATION OF EXISTING STRUCTURES SHALL BE BY THE MECHANICAL ROTARY CORE BORING METHOD.
75. ALL CONCRETE AND REBAR PENETRATED OR DISTURBED SHALL BE COATED WITH TWO COATS OF EPOXY.
76. CONTRACTOR IS RESPONSIBLE FOR ALL UNSUITABLE MATERIAL REMOVAL WITHIN PROJECT LIMITS. EXCAVATION, EMBANKMENT, INCLUDING UTILIZATION, AND UNSUITABLE MATERIAL REMOVAL SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, LATEST VERSION.
77. WHERE EXCAVATION IS REQUIRED FOR CONSTRUCTION OF SIDEWALK, ALL STUMPS, ROOTS, ETC. SHALL BE REMOVED COMPLETELY FROM THE SIDEWALK AREA. ALL STUMPS WITHIN THE PROJECT LIMITS SHALL BE REMOVED COMPLETELY AND REPLACED WITH COMPACTED BACKFILL BEFORE THE AREA IS FILLED. TREE ROOTS IN AREA OF PROPOSED SIDEWALK, RAMP, OR DRIVEWAY REPLACEMENT SHALL BE GROUND OUT TO A DEPTH OF 6" BELOW BOTTOM OF NEW SIDEWALK OR DRIVEWAY. ALL PRUNED ROOT DEBRIS SHALL BE REMOVED FROM THE SUB-BASE MATERIAL PRIOR TO POURING CONCRETE, ASPHALT, OR APPLICATION OF OTHER SPECIFIED MATERIALS. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
78. ALL STUMPS, ROOTS, AND OTHER DEBRIS PROJECTING THROUGH OR APPEARING ON THE SURFACE OF THE GROUND SHALL BE REMOVED TO A DEPTH OF 1-FOOT BELOW THE COMPLETED SURFACE. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
79. ALL MATERIALS NOT CLAIMED BY THE COUNTY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN AND PAID UNDER THE PAY ITEM CLEARING AND GRUBBING.
80. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.
81. THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK.THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
82. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER.
83. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED OR RELOCATED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION AT NO ADDITIONAL COST TO THE COUNTY.
84. ALL EXISTING SWALES NOT DESIGNATED FOR RECONSTRUCTION SHALL BE REGRADED TO PROMOTE POSITIVE DRAINAGE AND MATCH PROPOSED CENTERLINE SWALE ELEVATION AND ALIGNMENT.
85. ALL STORM DRAINS AND STRUCTURES TO REMAIN SHALL BE CLEANED OF DEBRIS, DIRT, VEGETATION AND OTHER MATERIAL. STORM SEWER INLETS SHALL BE MODIFIED (RAISED/LOWERED) TO MATCH PROPOSED FINISHED GRADE.
86. ALL EXISTING TREES LOCATED WITHIN CONSTRUCTION LIMITS OR CLEAR ZONE SHALL REMAIN, UNLESS OTHERWISE NOTED.

87. ALL EXISTING FENCES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AND REINSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST.
88. THE EXISTING STORM DRAINAGE STRUCTURES SHALL REMAIN, UNLESS OTHERWISE NOTED.
89. REMOVE AND REPLACE BASE AND SUB-BASE ACCORDING TO FDOT STANDARDS.
90. EXISTING TREES SHALL BE TRIMMED IF ADJACENT TO PROPOSED LIGHT POLES. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
91. EXISTING VALVES AND MANHOLES WITHIN THE PROJECT LIMITS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION AND ADJUSTED TO FINAL GRADE.

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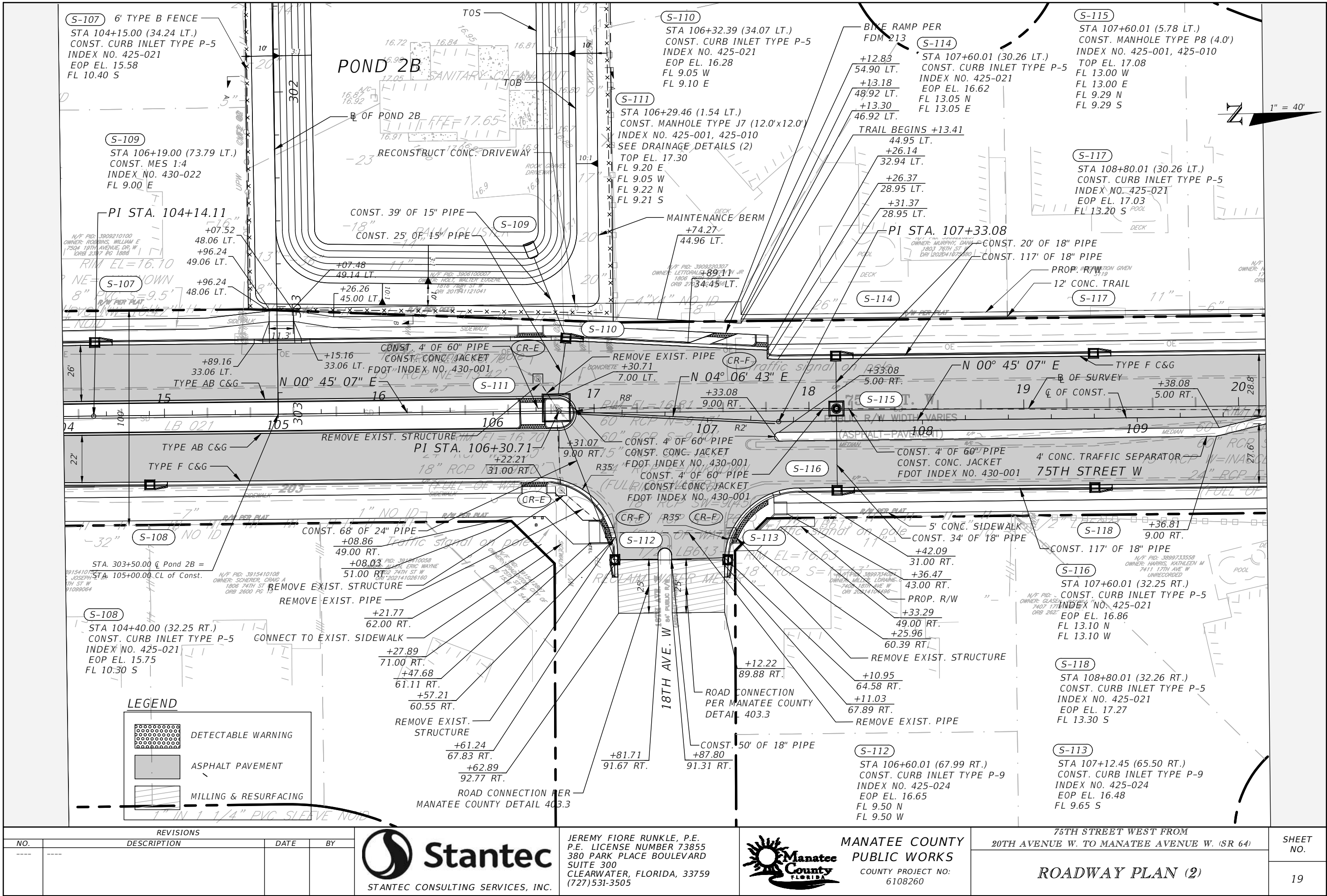
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ROADWAY PLAN (1)

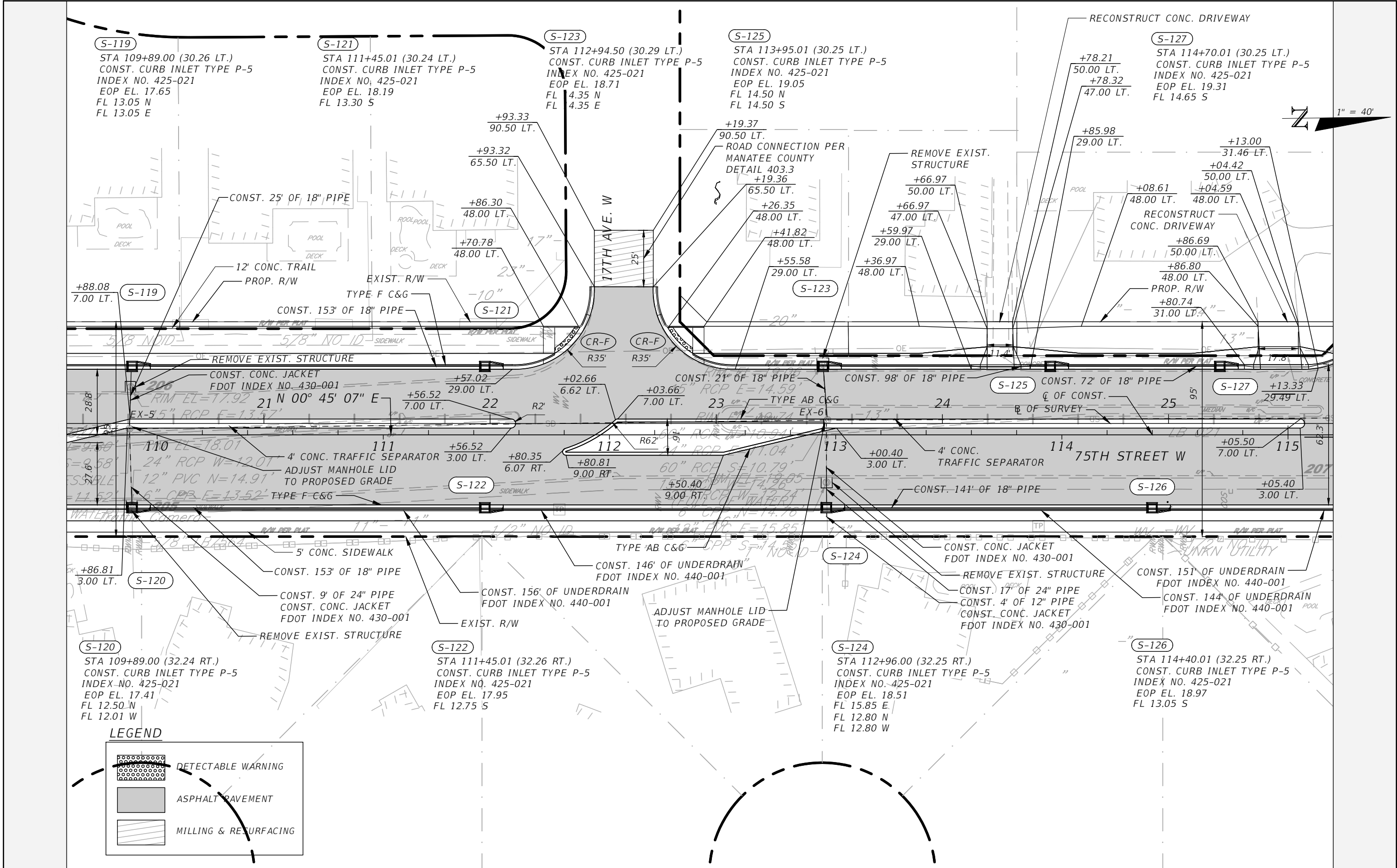
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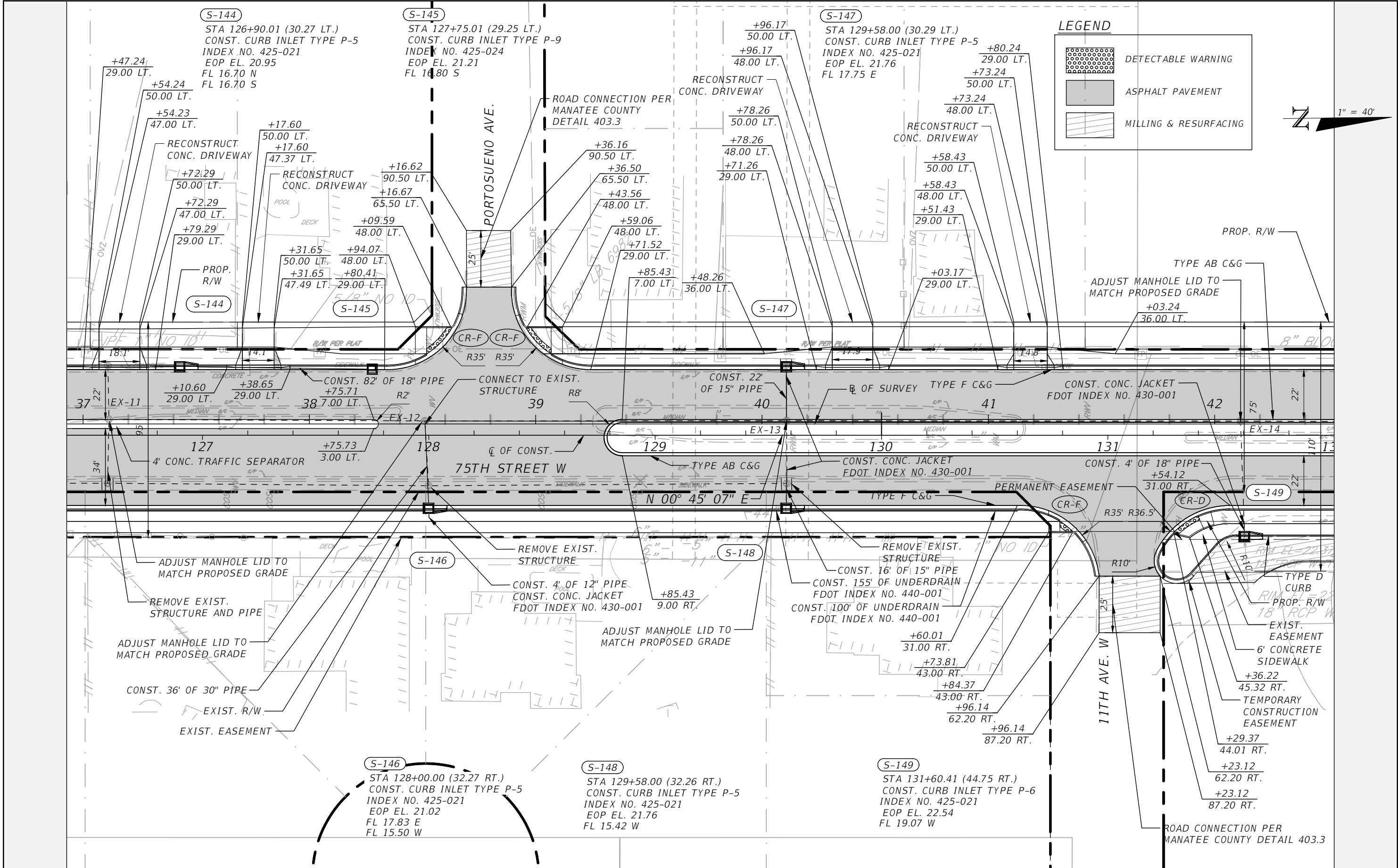
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ROADWAY PLAN (3)

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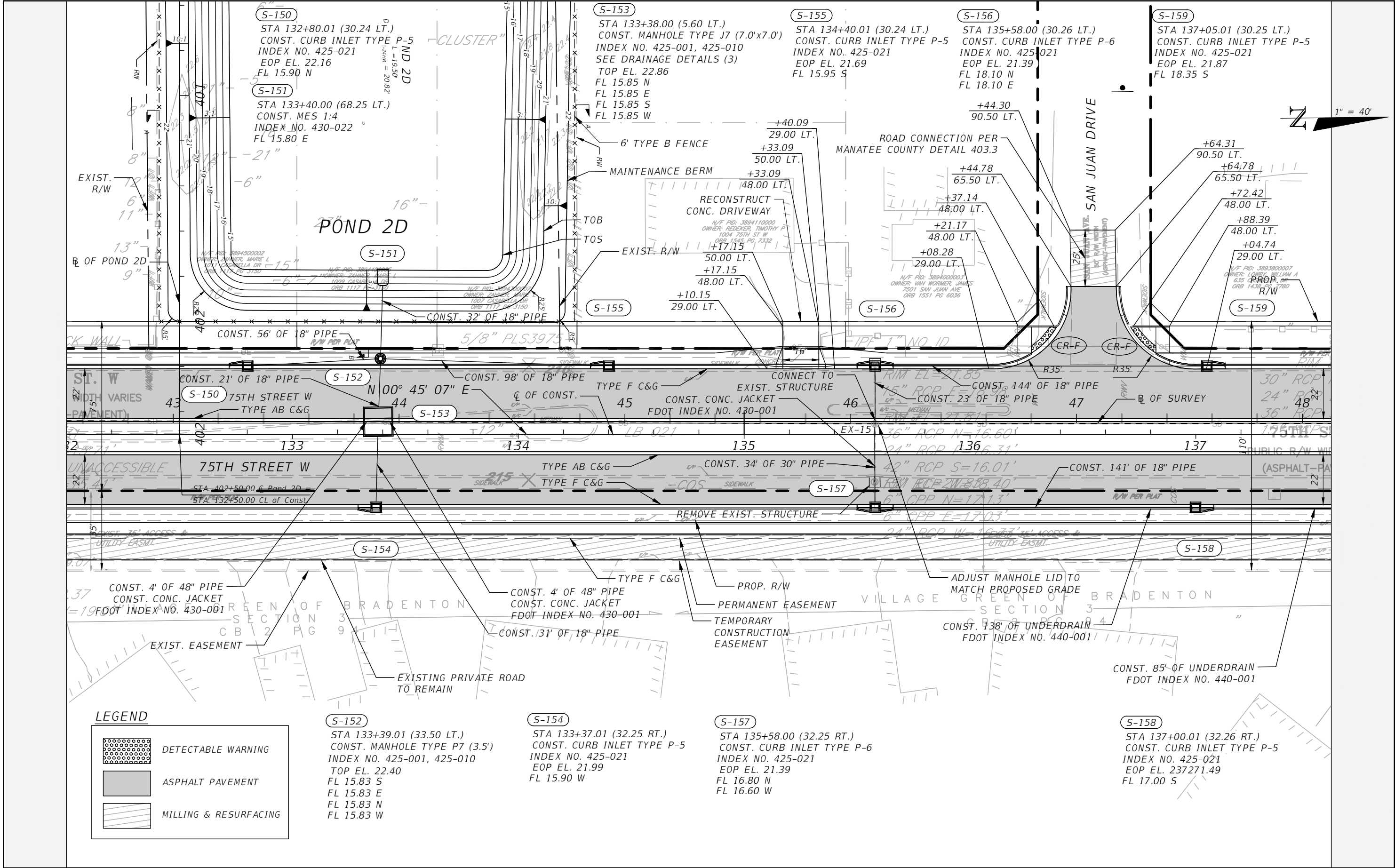
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ROADWAY PLAN (6)

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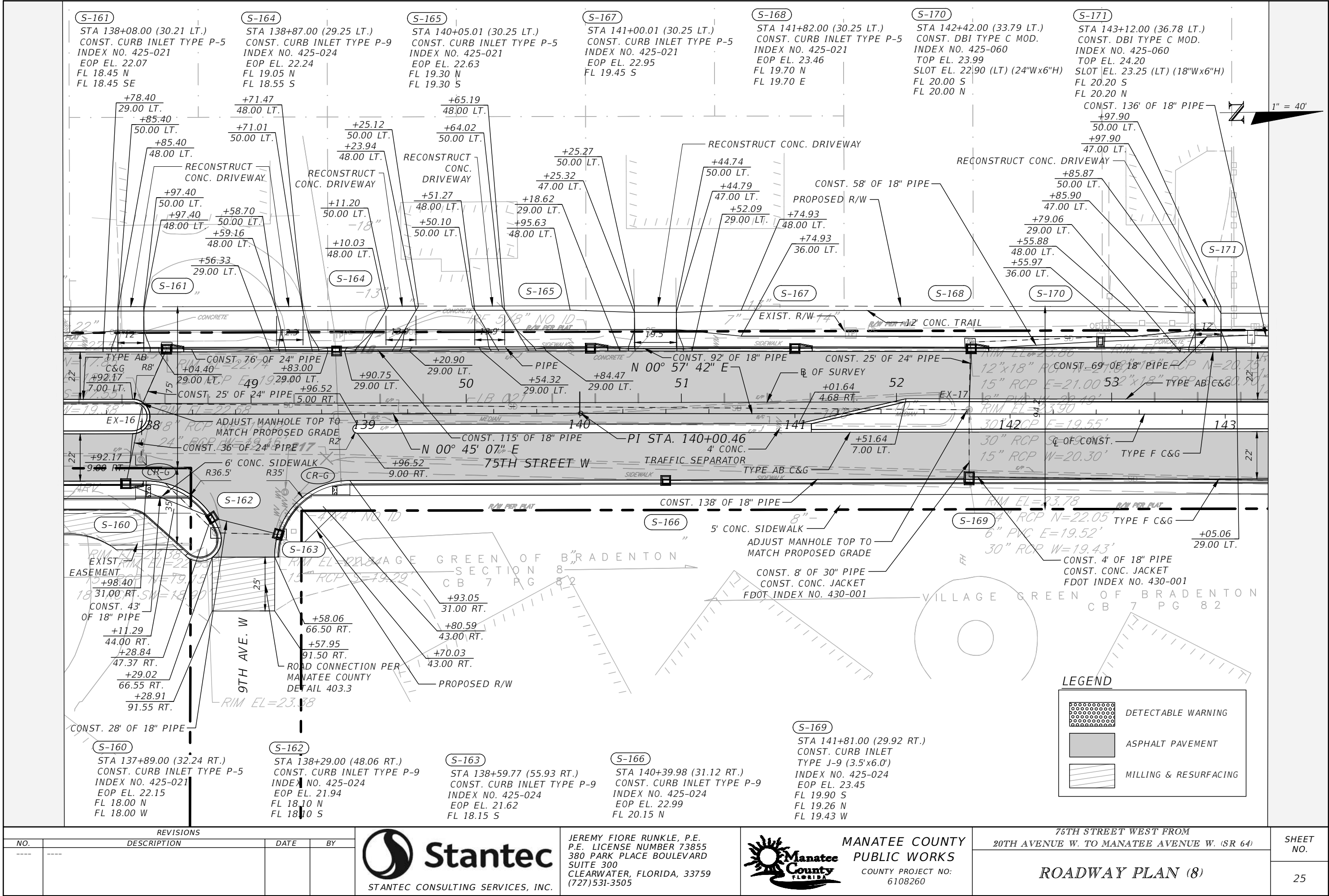
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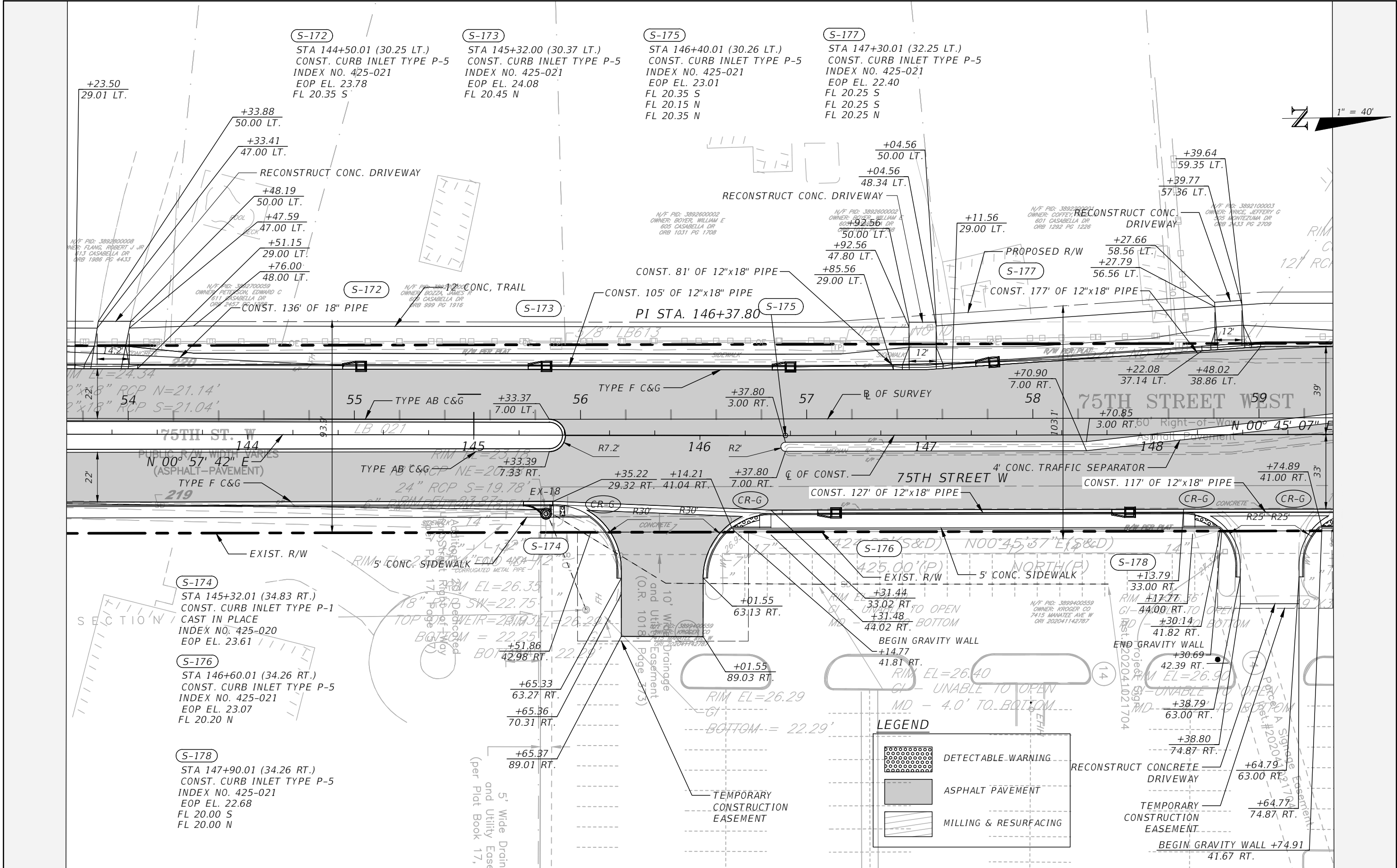
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ROADWAY PLAN (8)		



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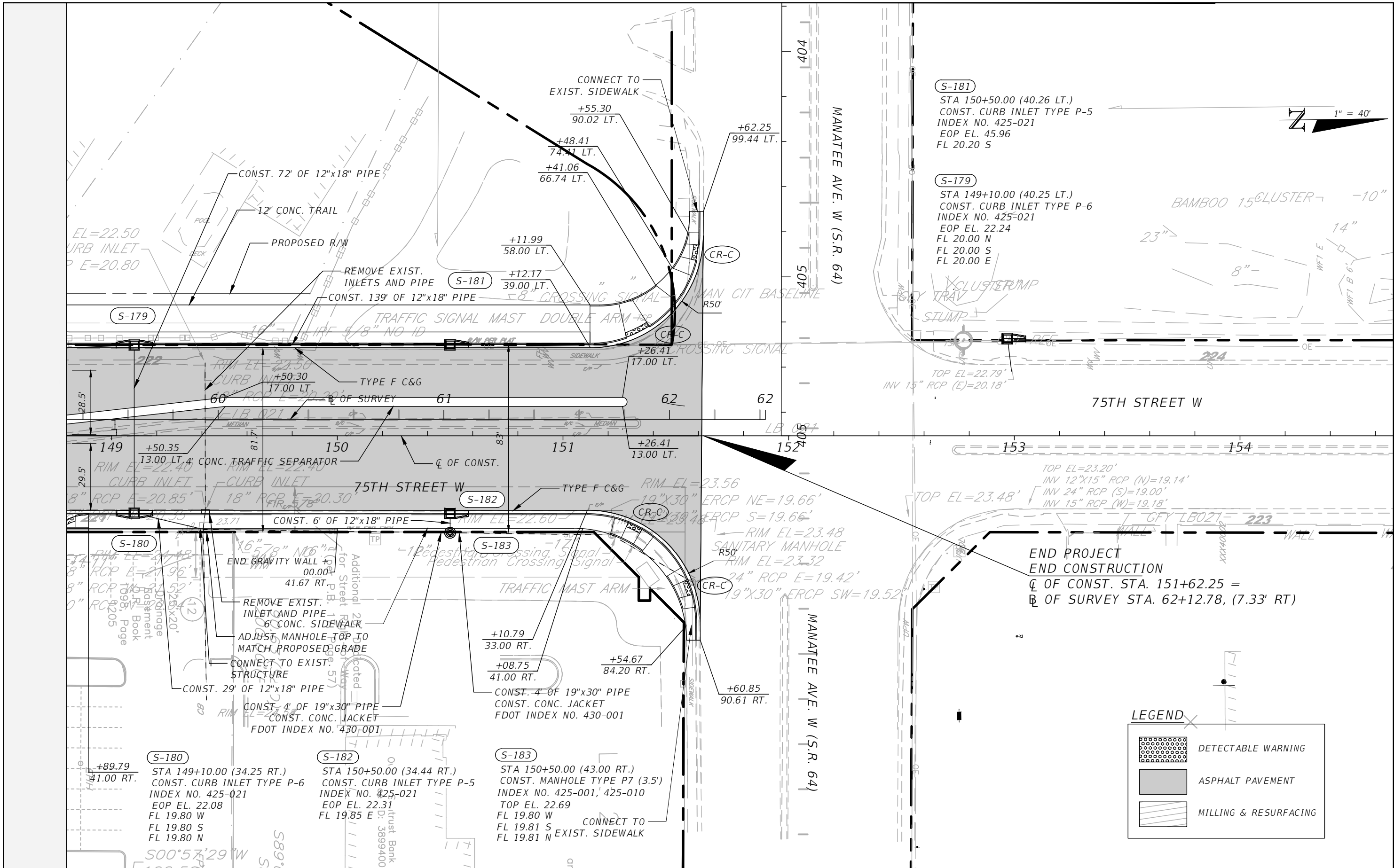
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ROADWAY PLAN (9)

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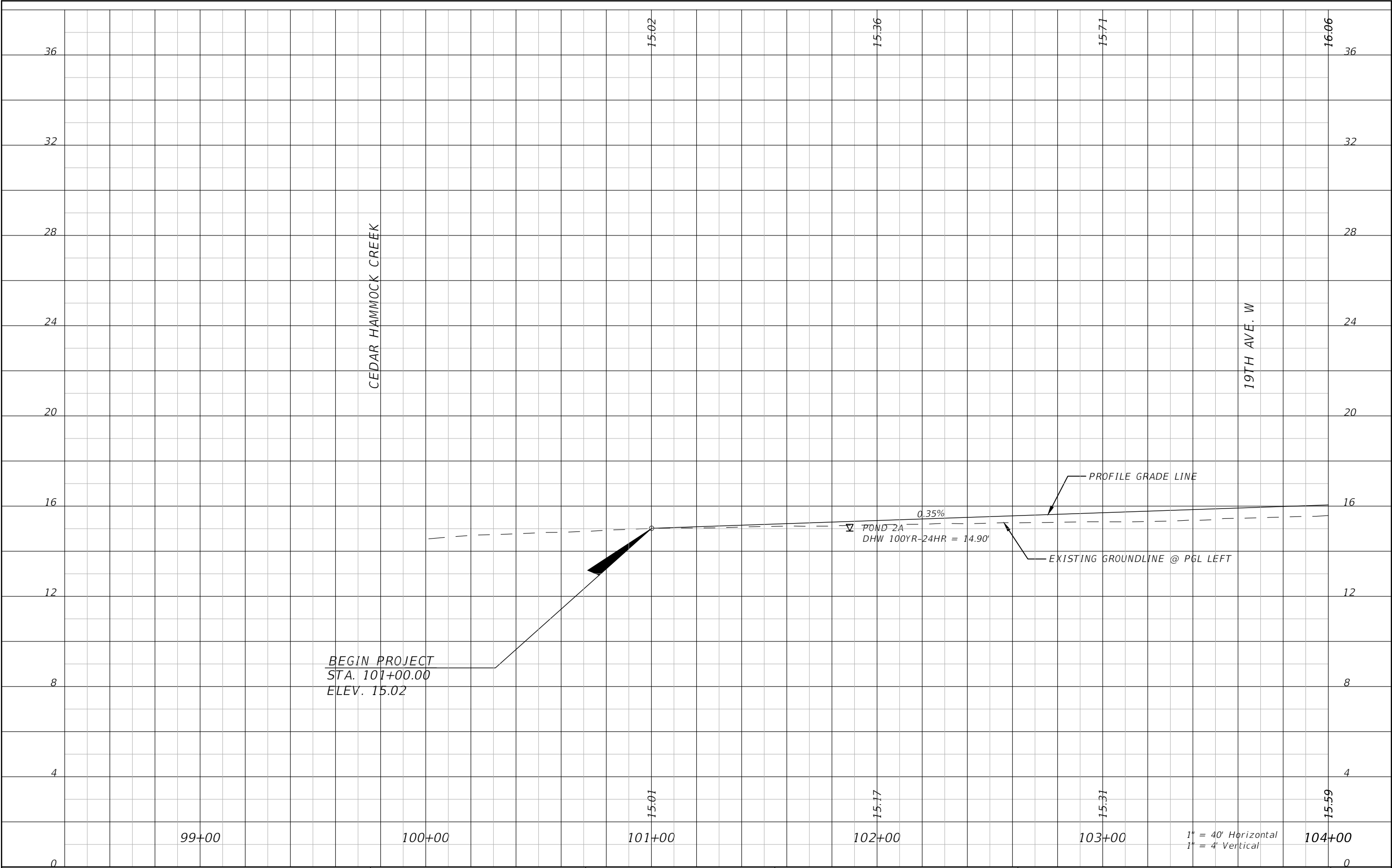
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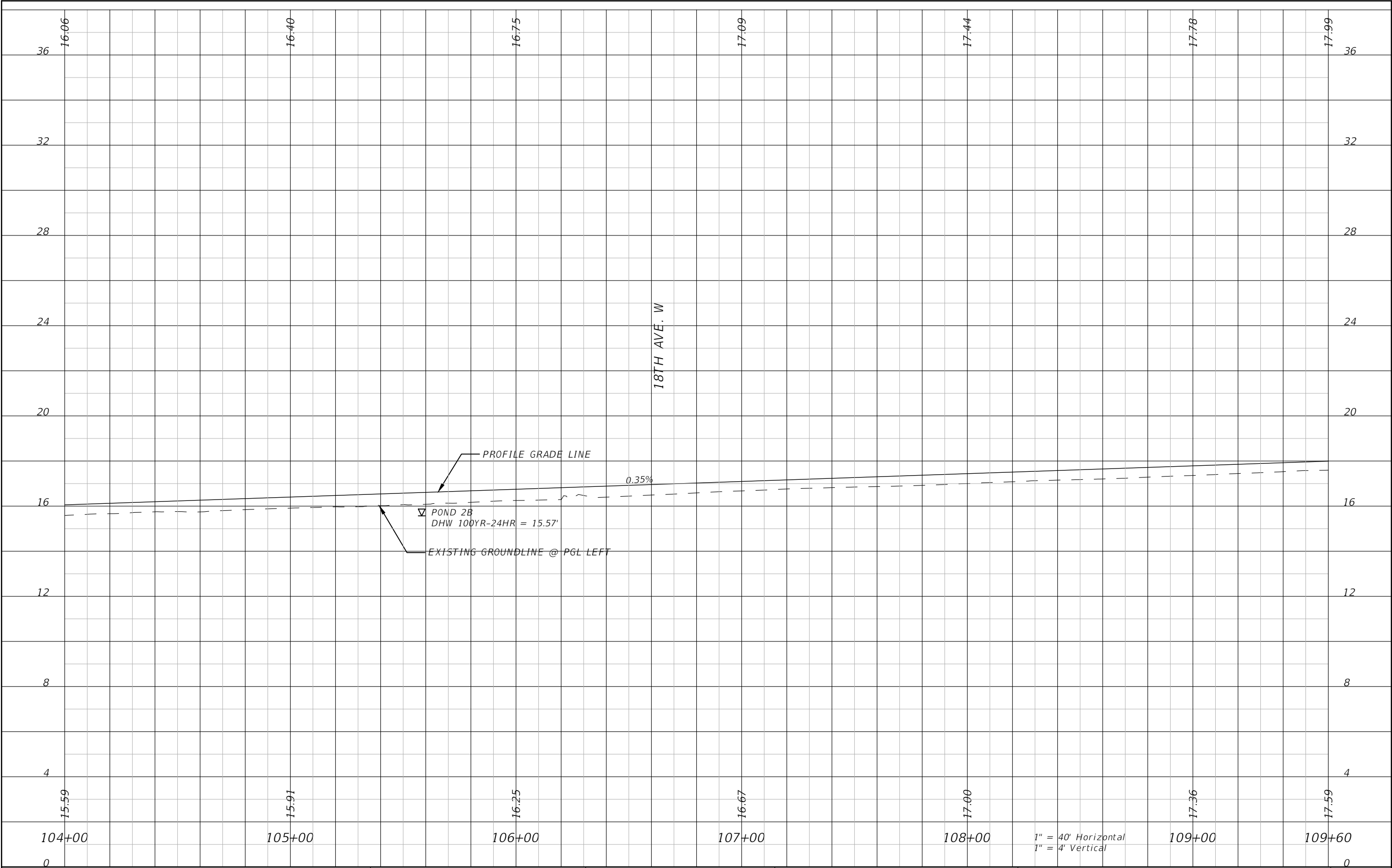
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ROADWAY PLAN (10)

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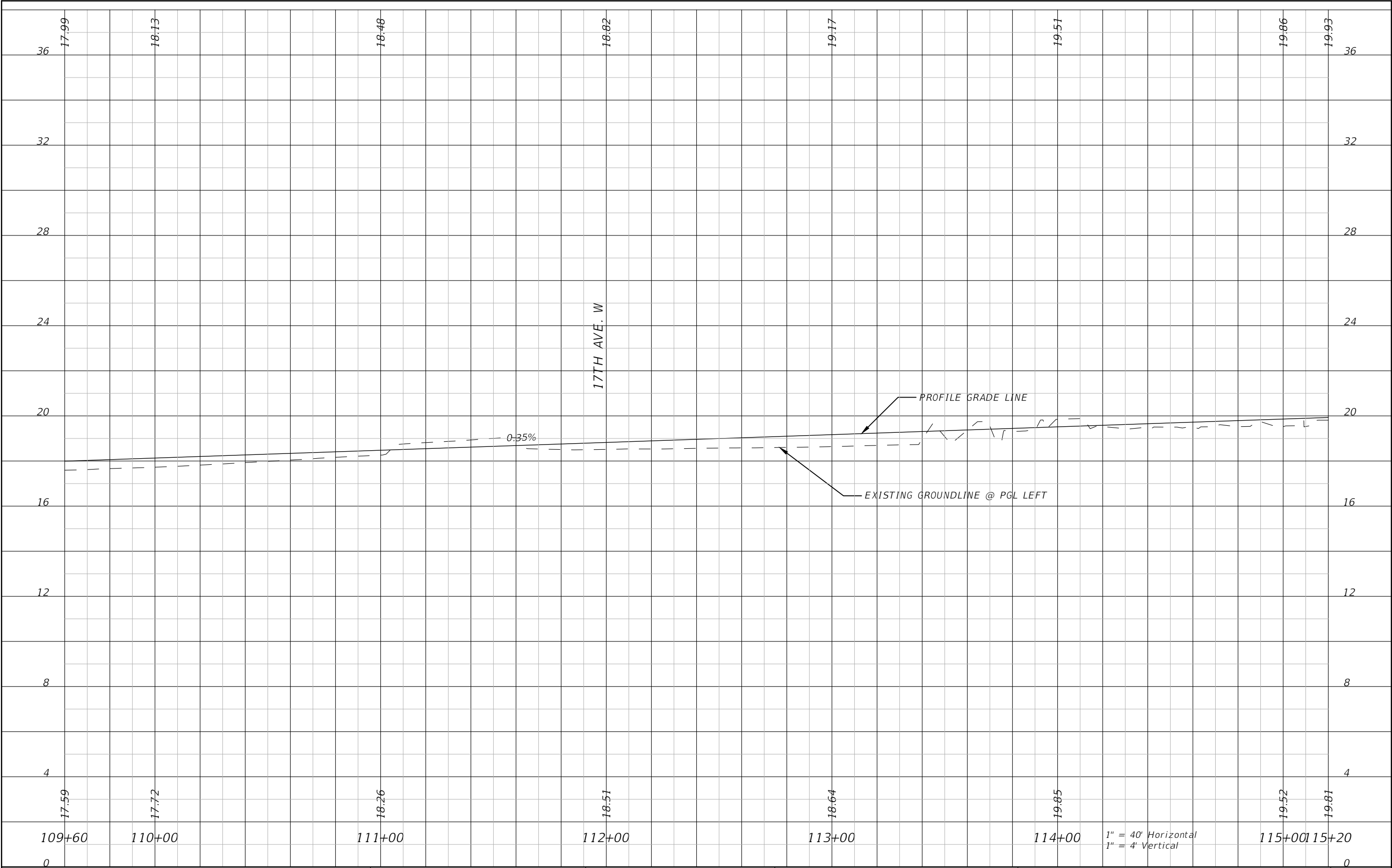
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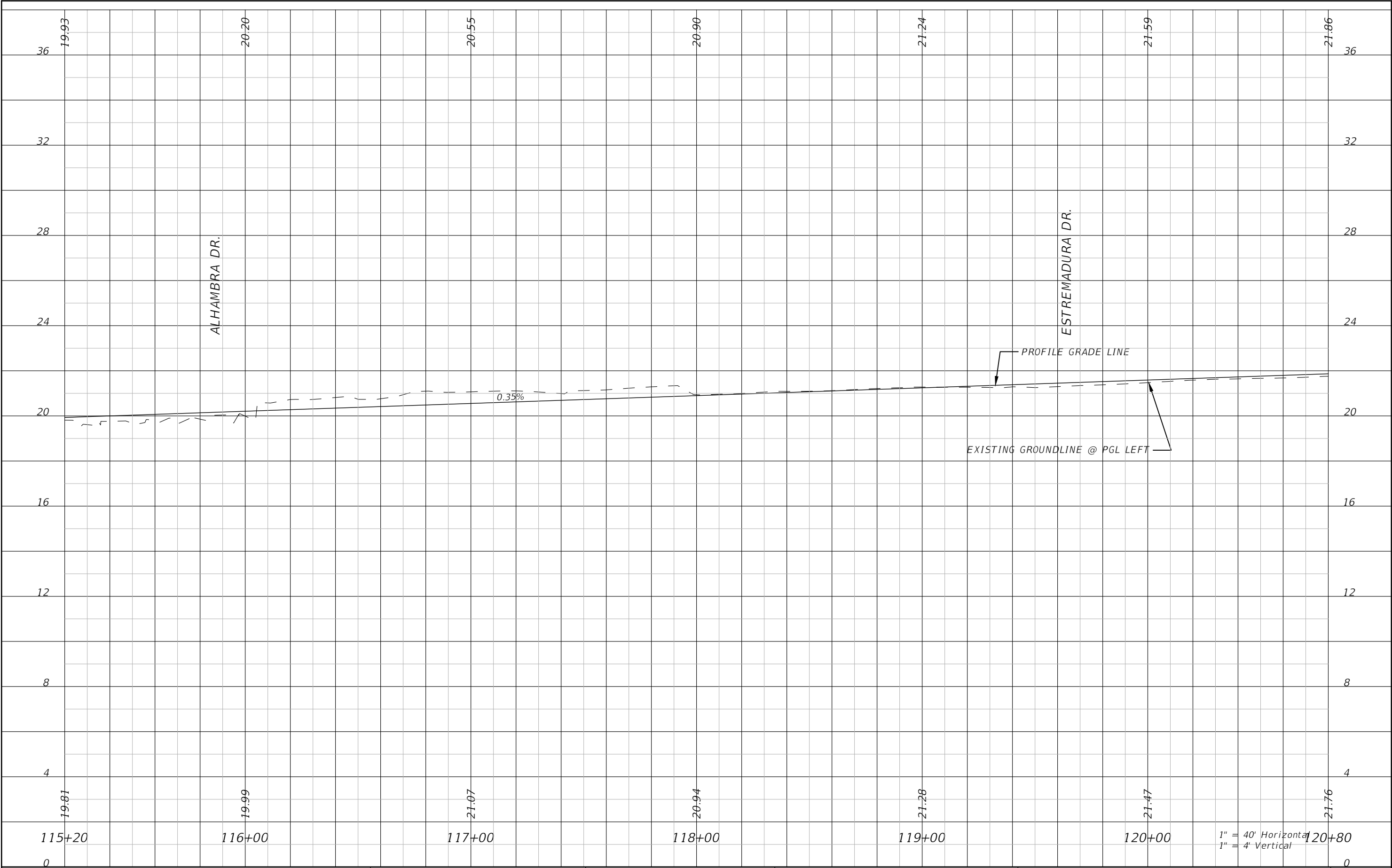
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REVISIONS <table><thead><tr><th>NO.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th></tr></thead><tbody><tr><td>---</td><td>---</td><td></td><td></td></tr></tbody></table>				NO.	DESCRIPTION	DATE	BY	---	---			Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) ROADWAY PROFILE (2)	SHEET NO. 29
NO.	DESCRIPTION	DATE	BY													
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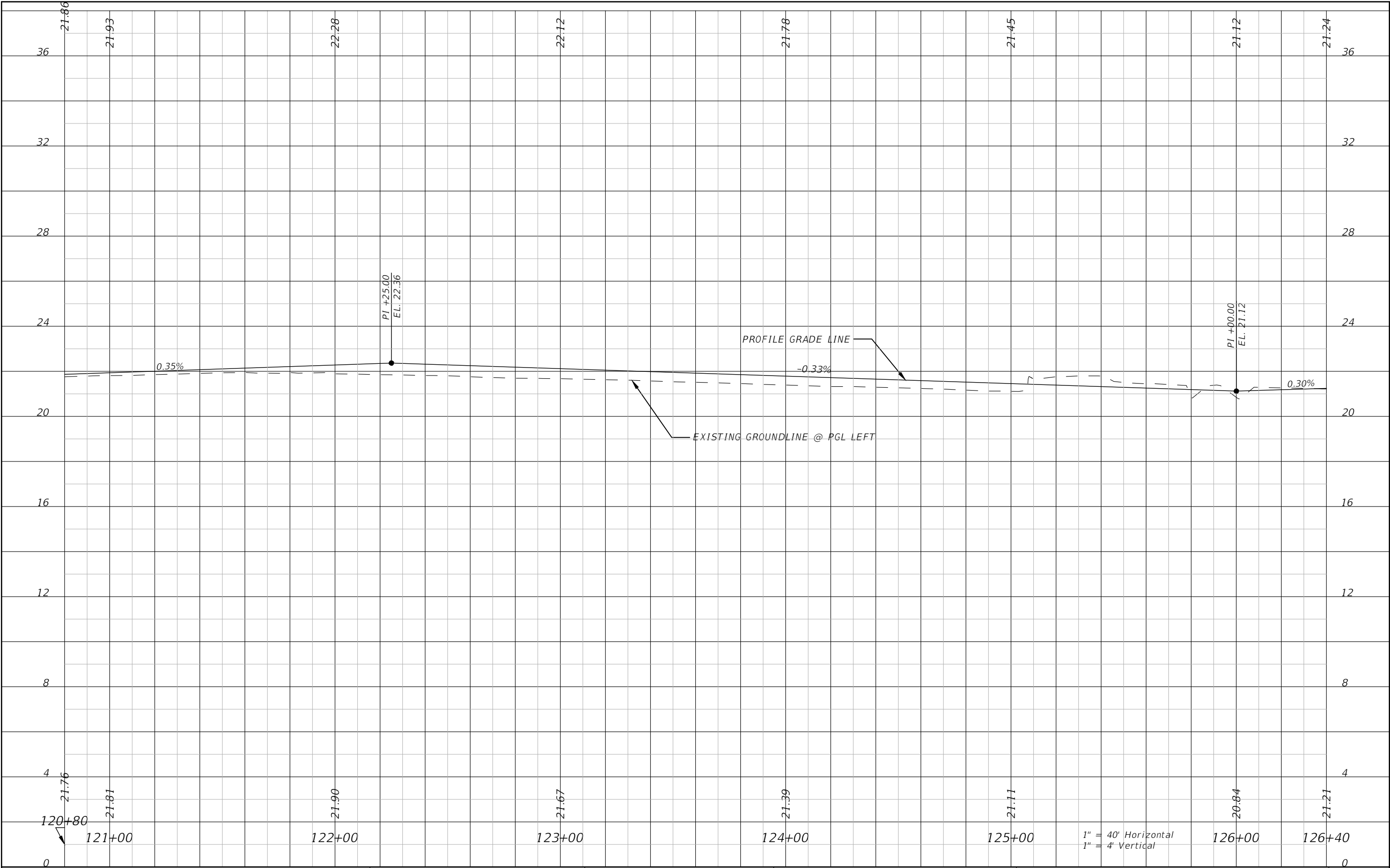
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO. 30
NO.	DESCRIPTION	DATE	BY				ROADWAY PROFILE (3)		
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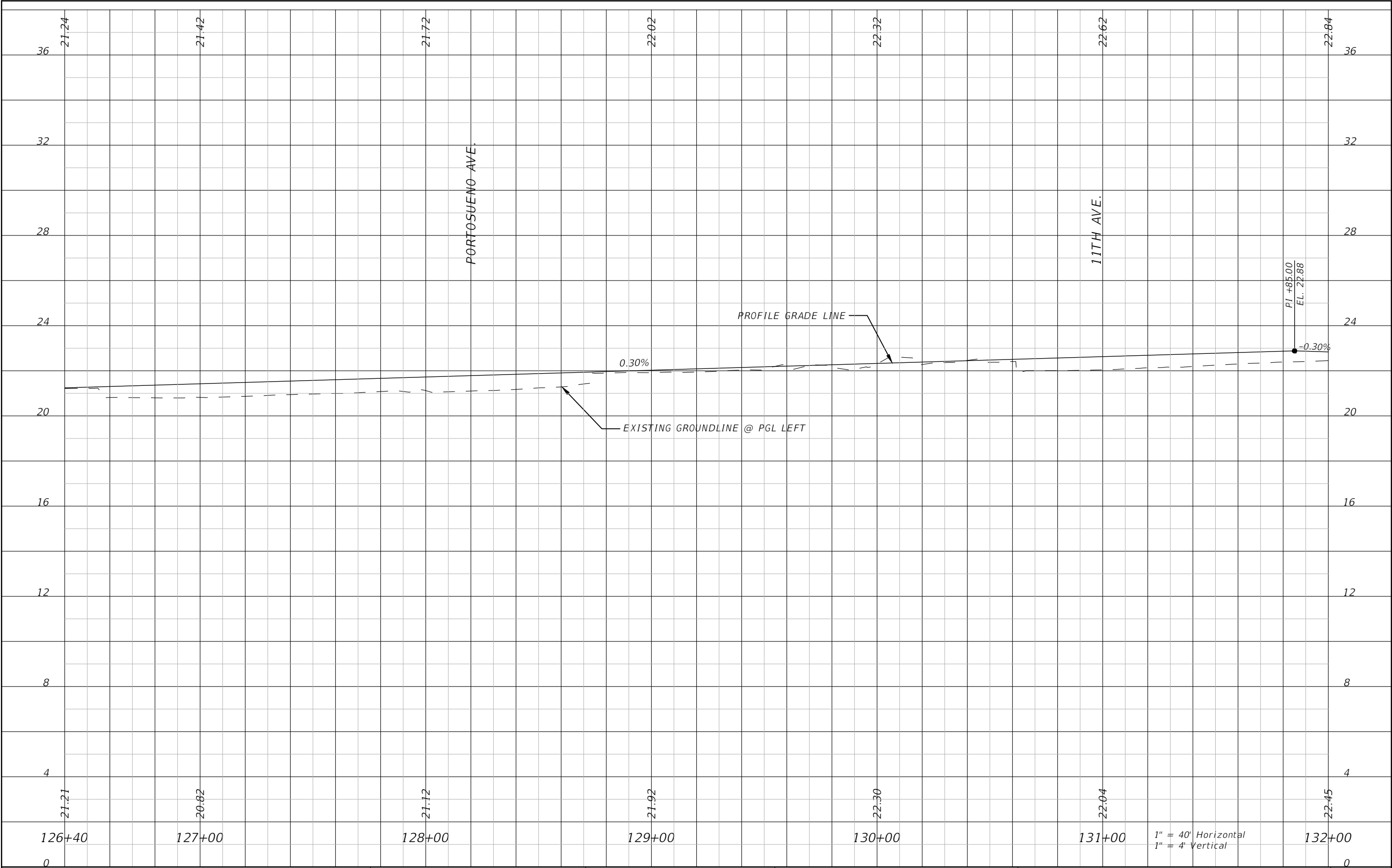
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS <table><tr><th>NO.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th></tr><tr><td>---</td><td>---</td><td></td><td></td></tr></table>				NO.	DESCRIPTION	DATE	BY	---	---			Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) ROADWAY PROFILE (4)	SHEET NO. 31
NO.	DESCRIPTION	DATE	BY													
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REVISIONS <table border="1"><thead><tr><th>NO.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th></tr></thead><tbody><tr><td>---</td><td>---</td><td>---</td><td>---</td></tr></tbody></table>				NO.	DESCRIPTION	DATE	BY	---	---	---	---	Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) ROADWAY PROFILE (5)	SHEET NO. 32
NO.	DESCRIPTION	DATE	BY													
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NO.	DESCRIPTION	DATE	BY
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Stantec
STANTEC CONSULTING SERVICES, INC.

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

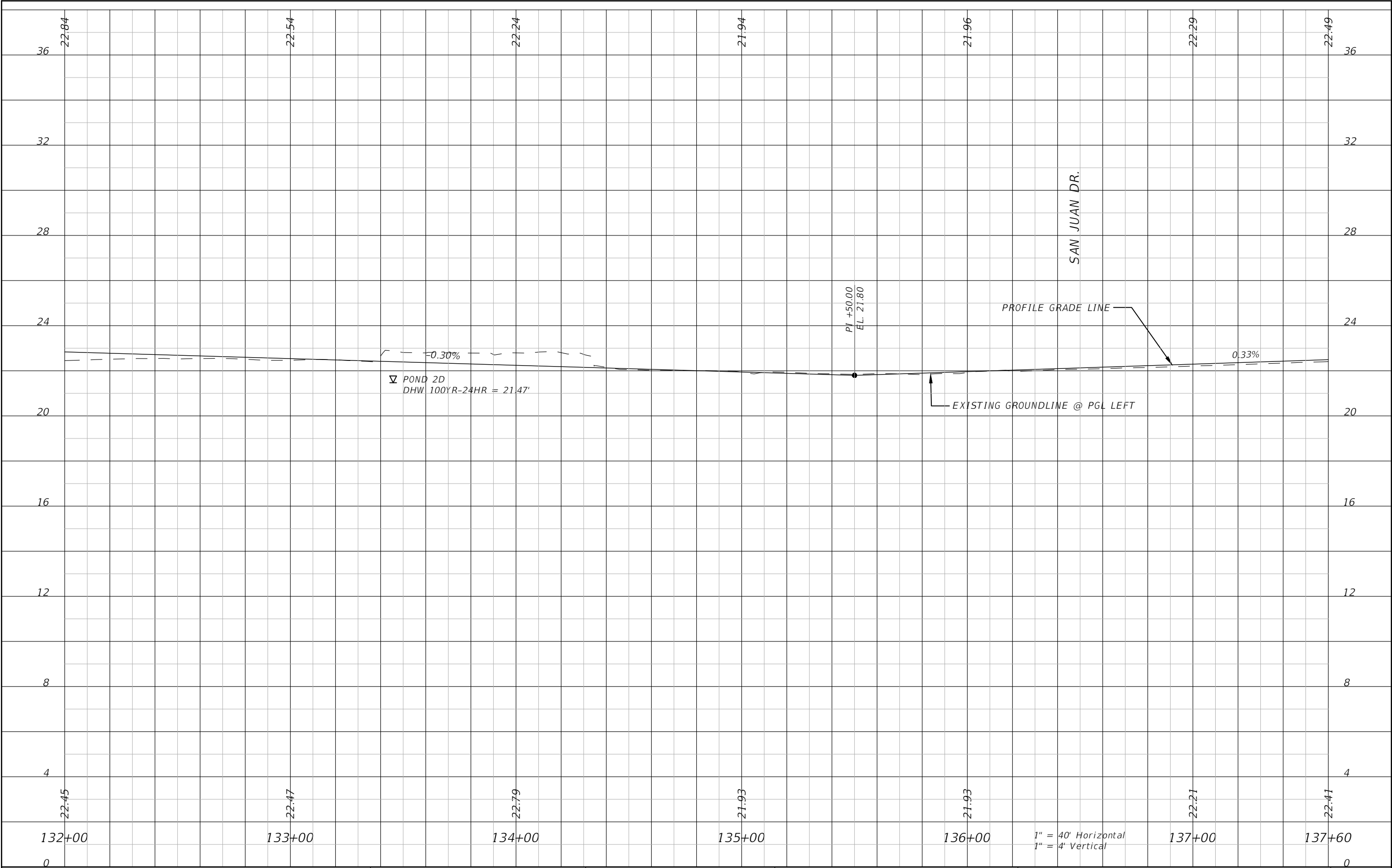


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

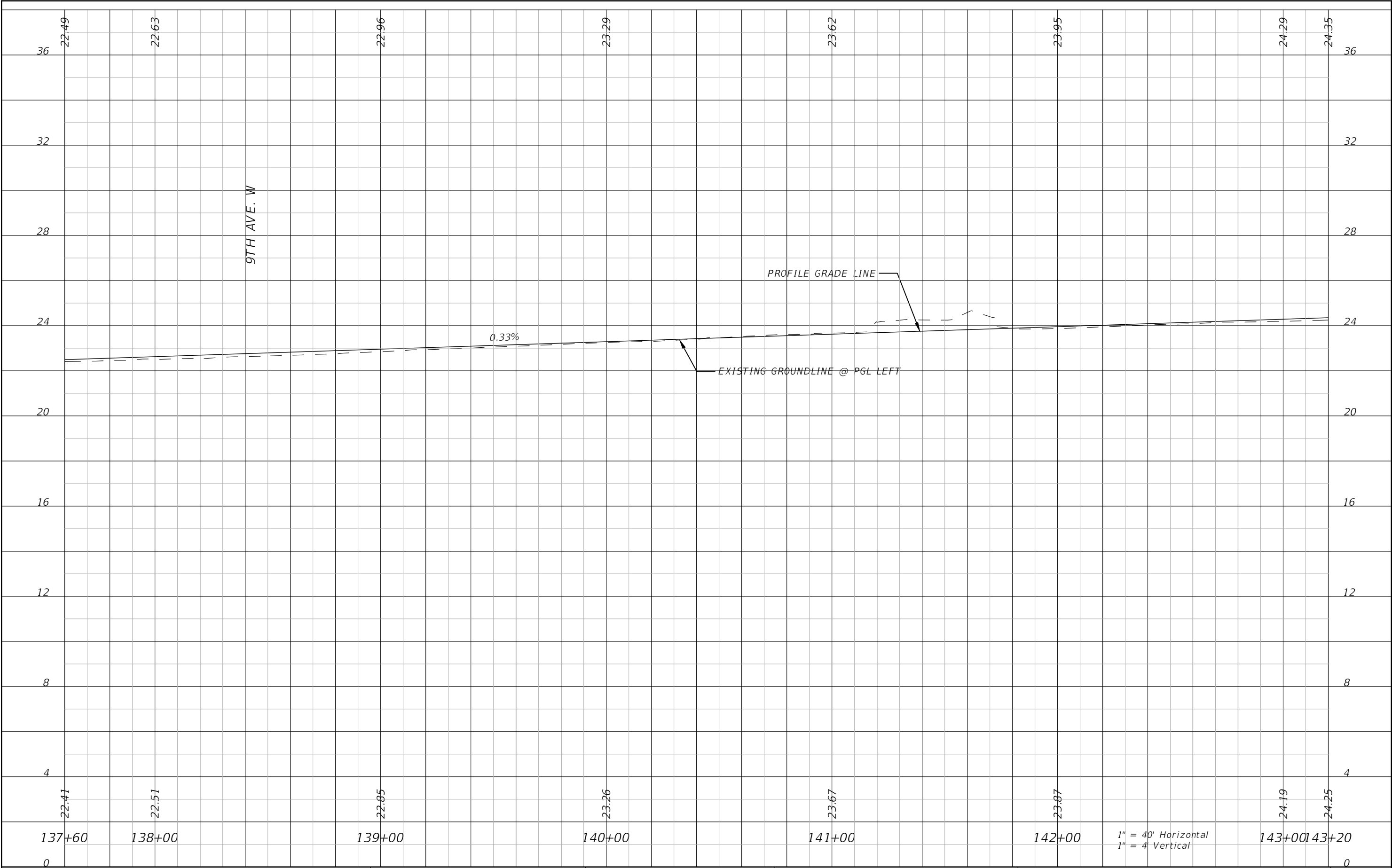
ROADWAY PROFILE (6)

SHEET NO.
33



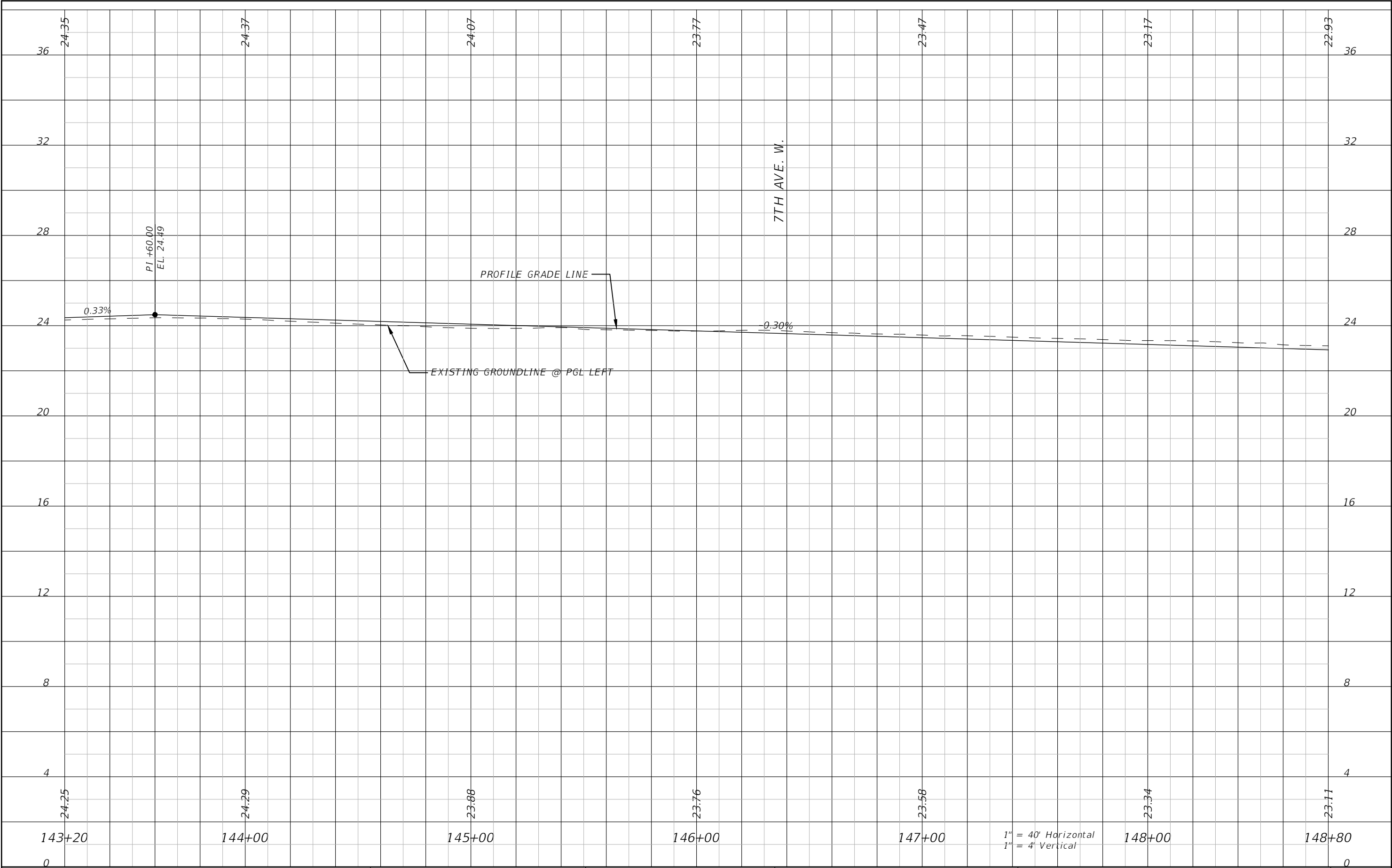
REVISIONS <table><tr><th>NO.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th></tr><tr><td>---</td><td>---</td><td></td><td></td></tr></table>				NO.	DESCRIPTION	DATE	BY	---	---			Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) ROADWAY PROFILE (7)	SHEET NO. 34
NO.	DESCRIPTION	DATE	BY													
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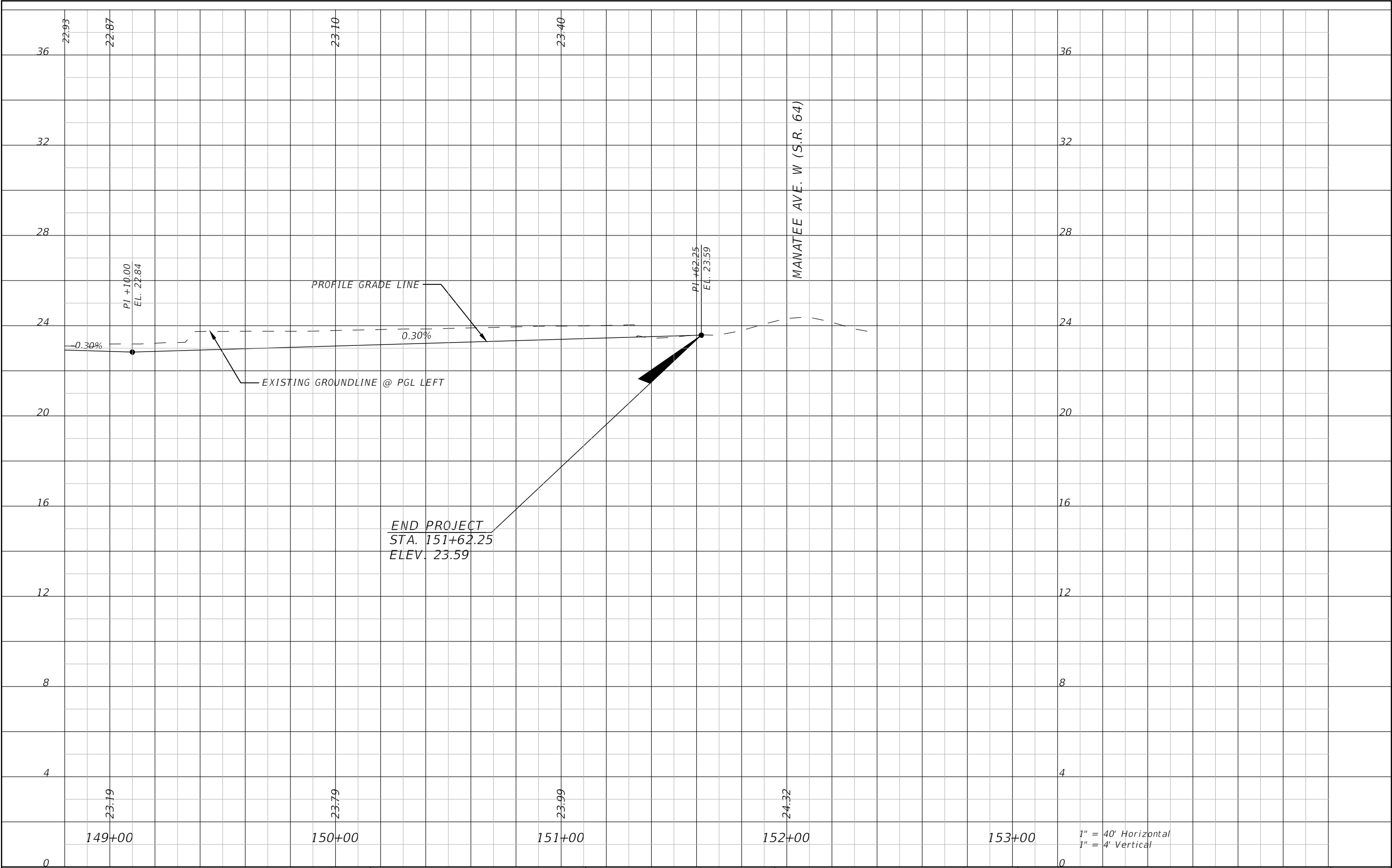
REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY PROFILE (8)		35
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



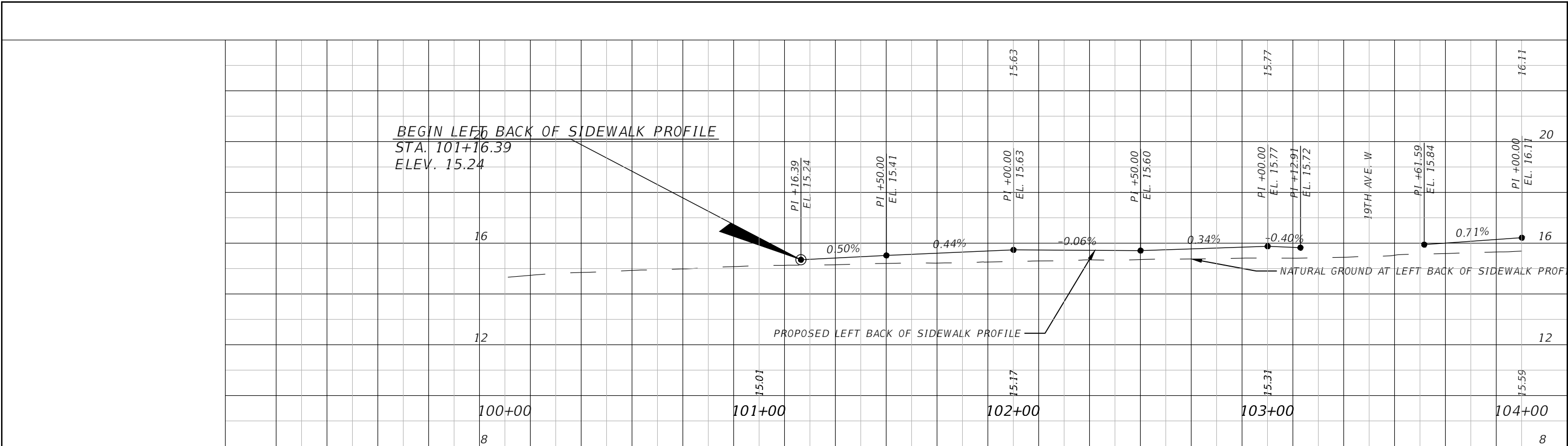
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS <table><thead><tr><th>NO.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th></tr></thead><tbody><tr><td>---</td><td>---</td><td></td><td></td></tr></tbody></table>				NO.	DESCRIPTION	DATE	BY	---	---			 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) ROADWAY PROFILE (9)	SHEET NO. 36
NO.	DESCRIPTION	DATE	BY													
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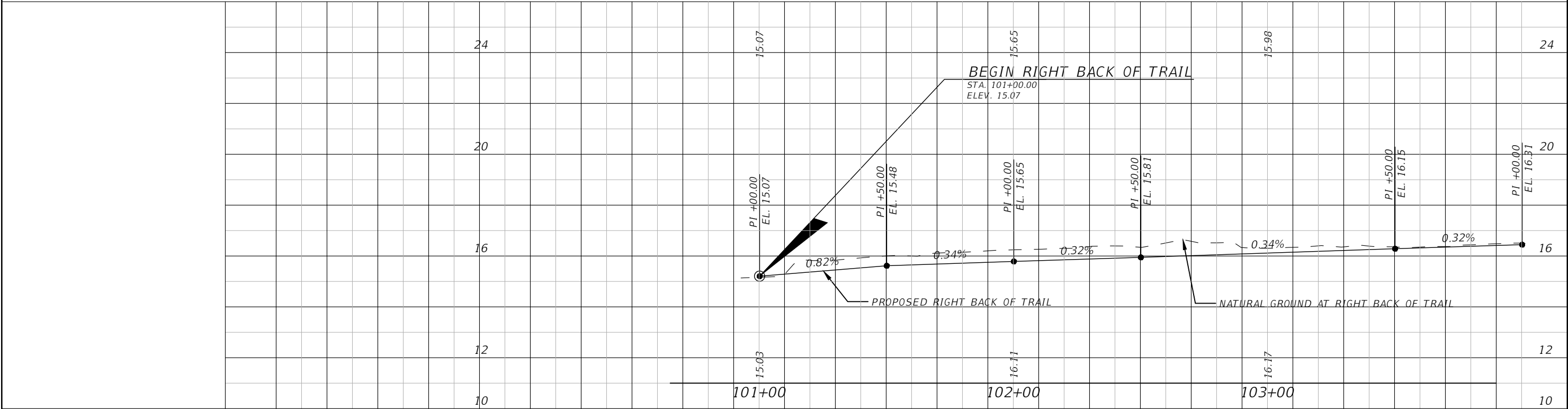


THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO. 37
NO.	DESCRIPTION	DATE	BY				ROADWAY PROFILE (10)	
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LEFT



RIGHT

1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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Stantec
STANTEC CONSULTING SERVICES, INC.

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



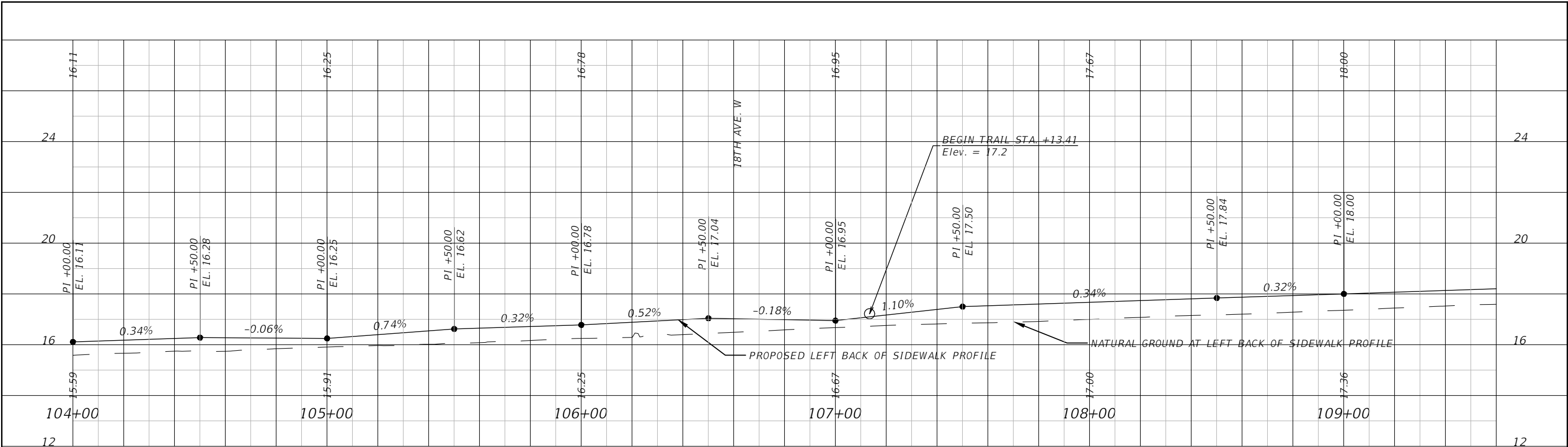
**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

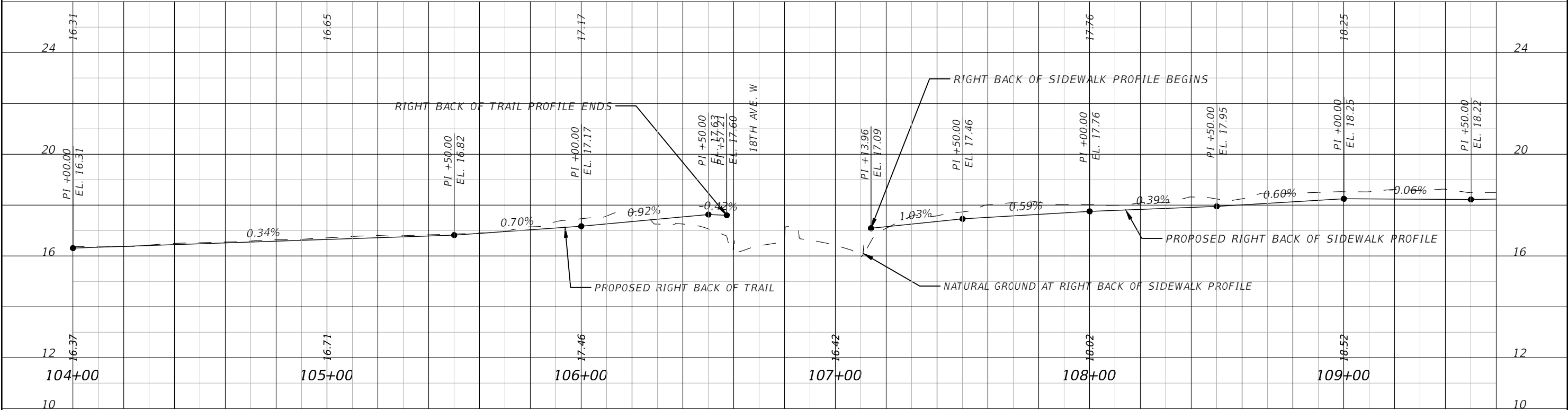
BACK-OF-SIDEWALK PROFILE (1)

SHEET NO.
38

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LEFT



RIGHT

1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

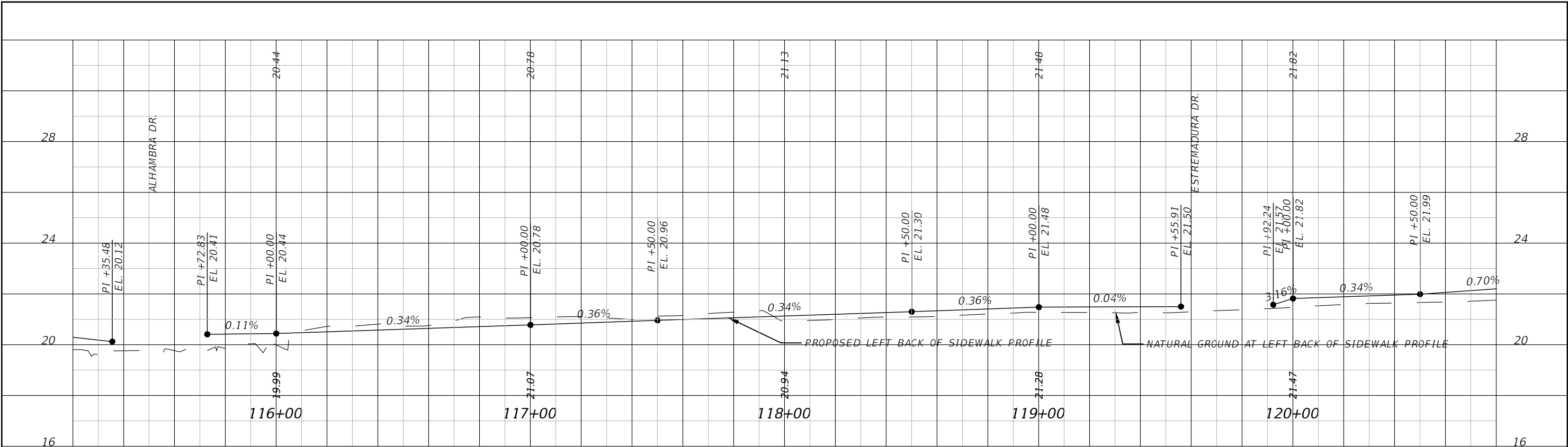


**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

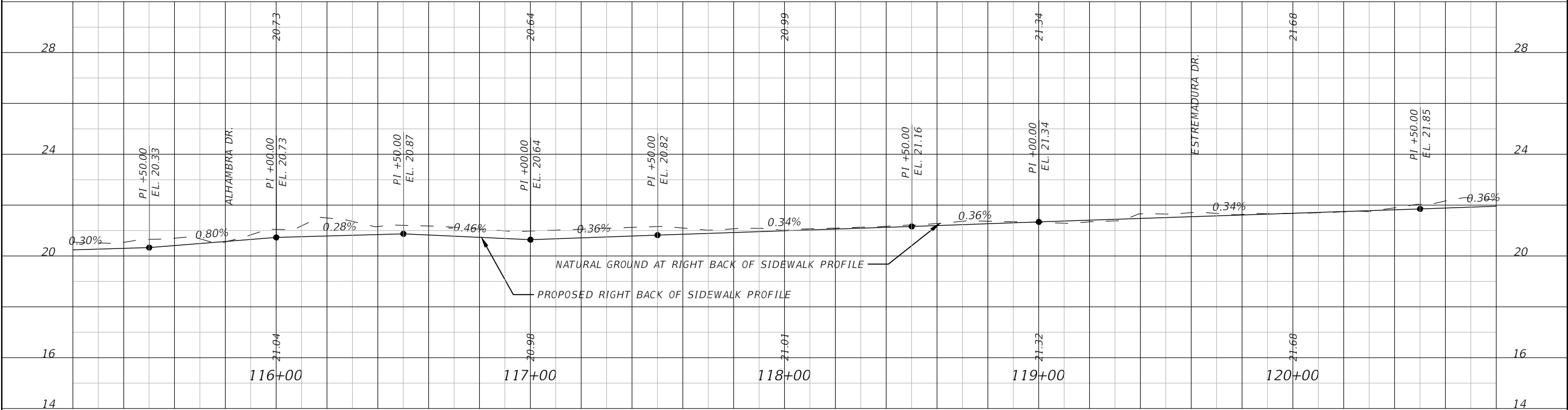
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
BACK-OF-SIDEWALK PROFILE (2)

SHEET NO.
39

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LEFT



RIGHT

1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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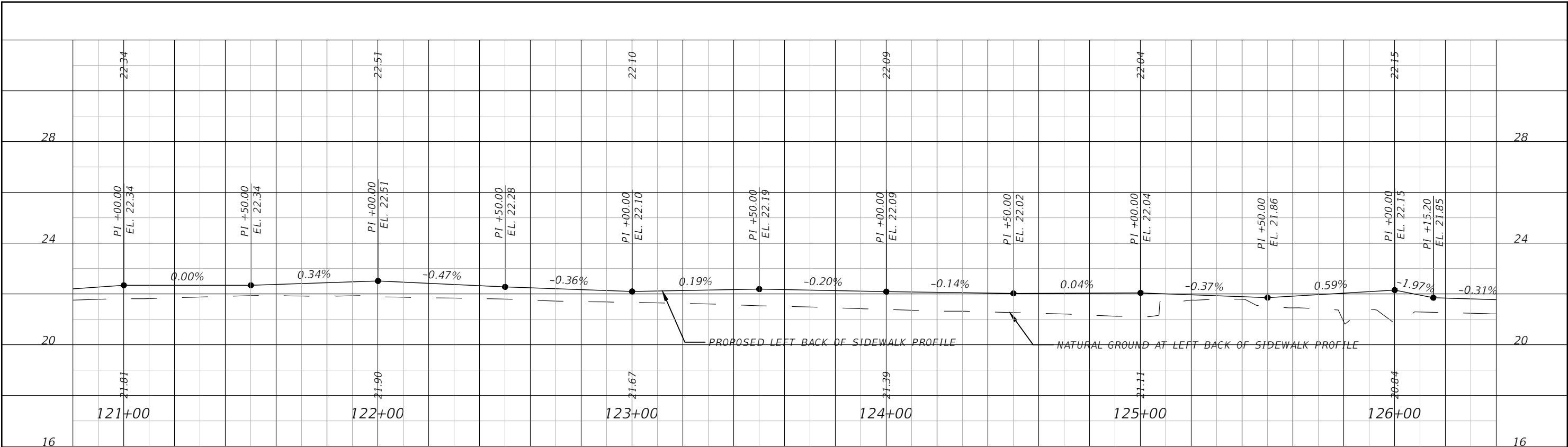
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



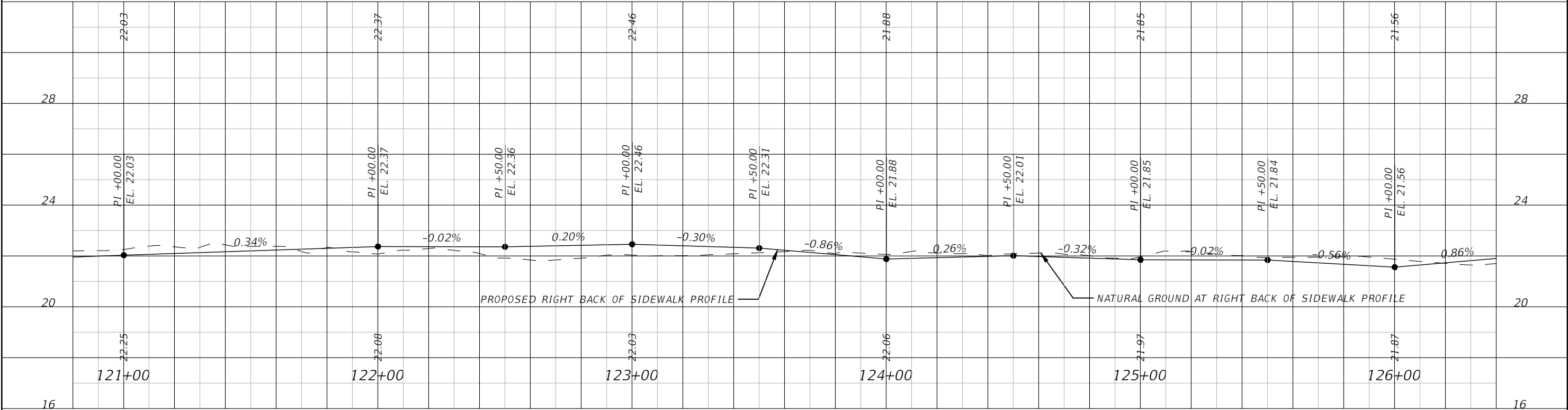
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
BACK-OF-SIDEWALK PROFILE (4)		
		41

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LEFT



RIGHT

1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

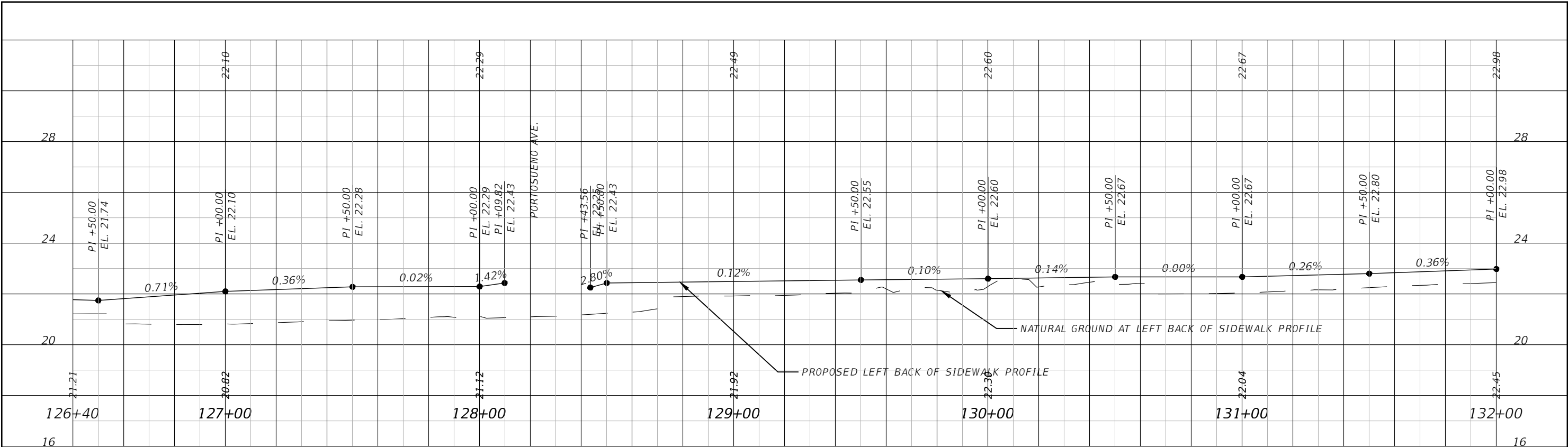


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

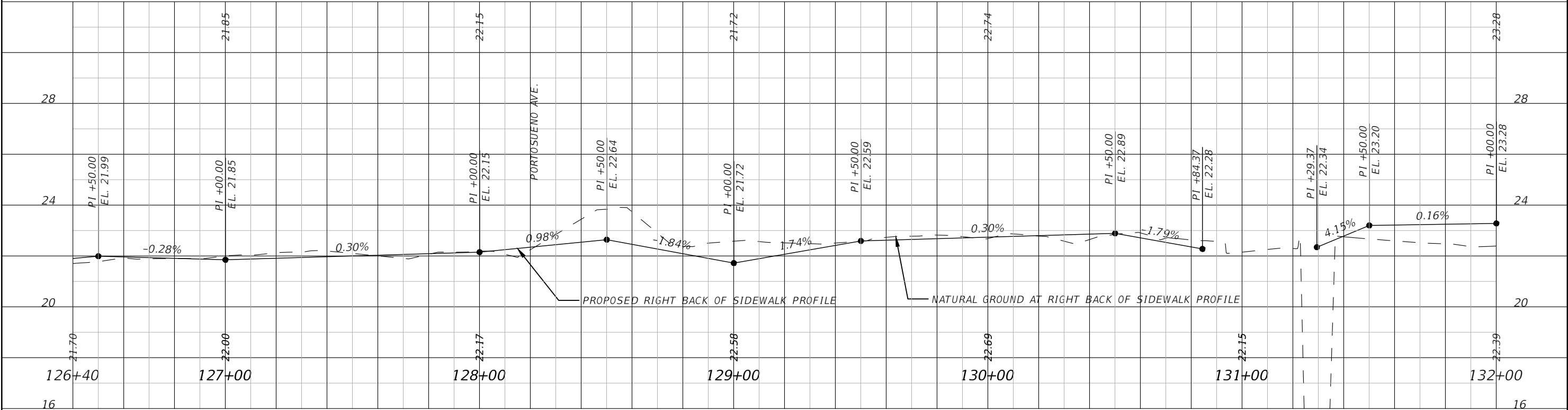
75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	
BACK-OF-SIDEWALK PROFILE (5)	

SHEET
NO.
42

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEFT



RIGHT

1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



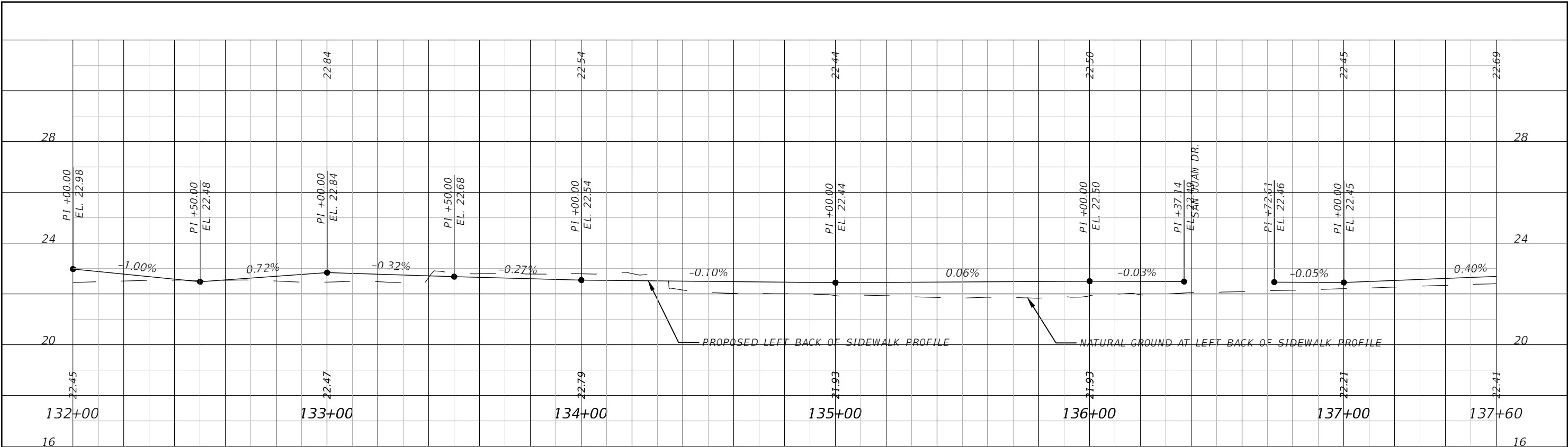
**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

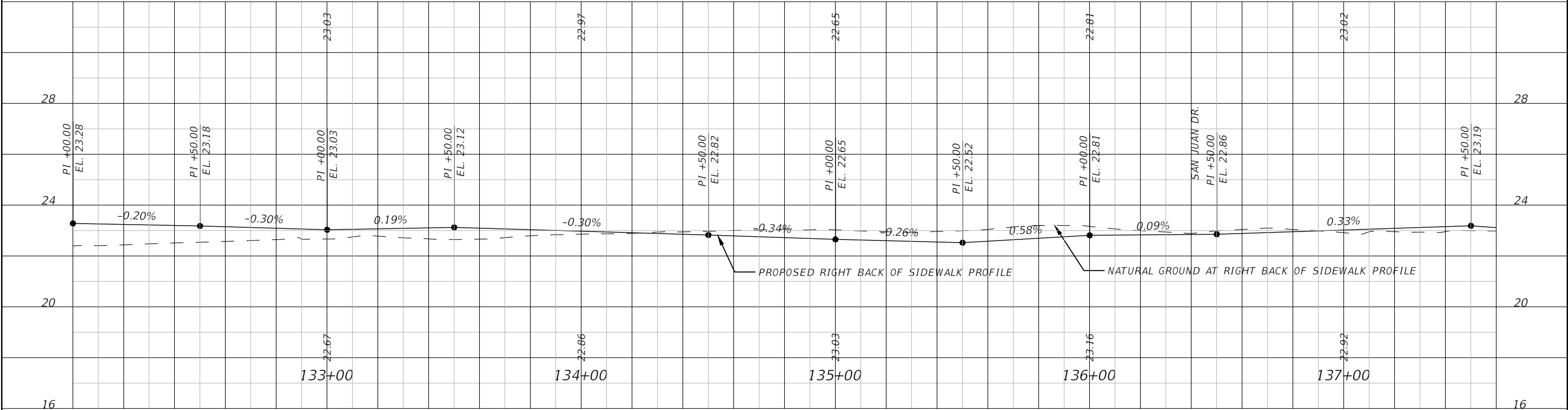
BACK-OF-SIDEWALK PROFILE (6)

SHEET NO.
43

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LEFT



RIGHT

1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

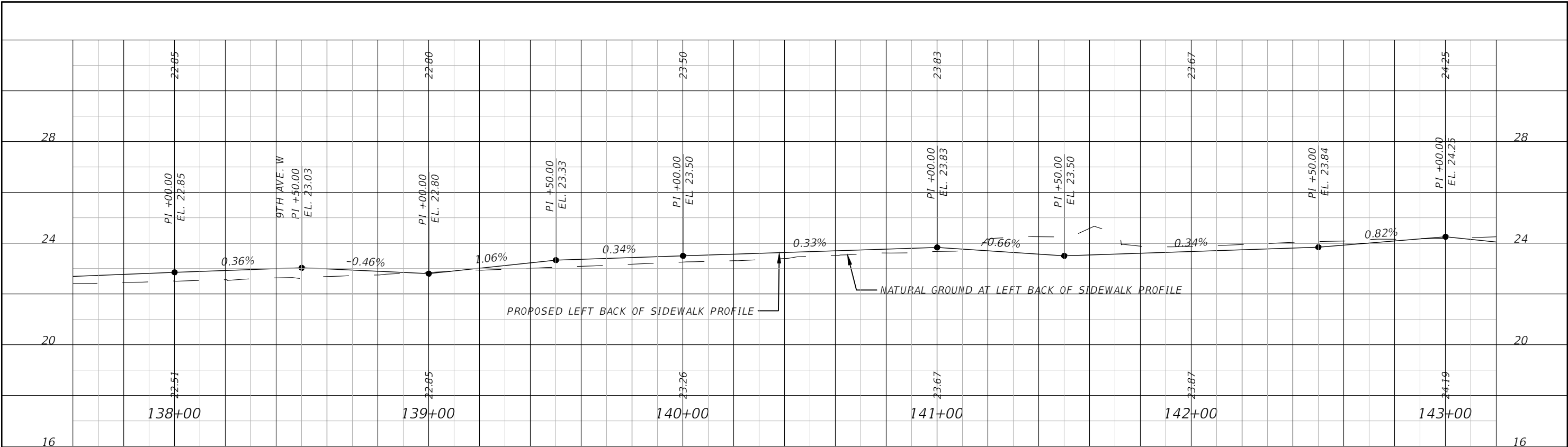


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

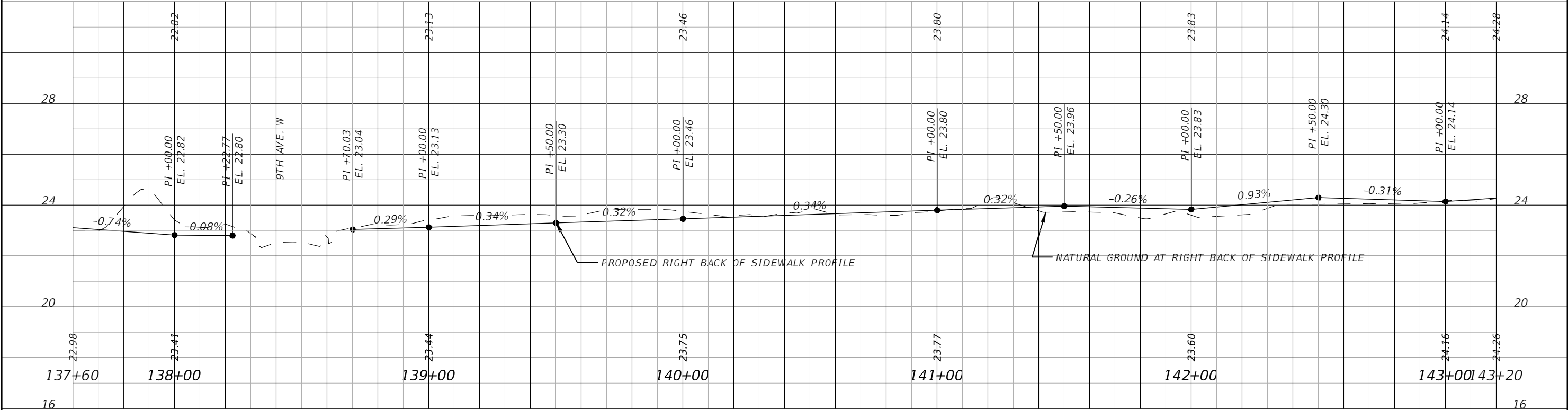
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
BACK-OF-SIDEWALK PROFILE (7)

SHEET
NO.
44

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LEFT



RIGHT

1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

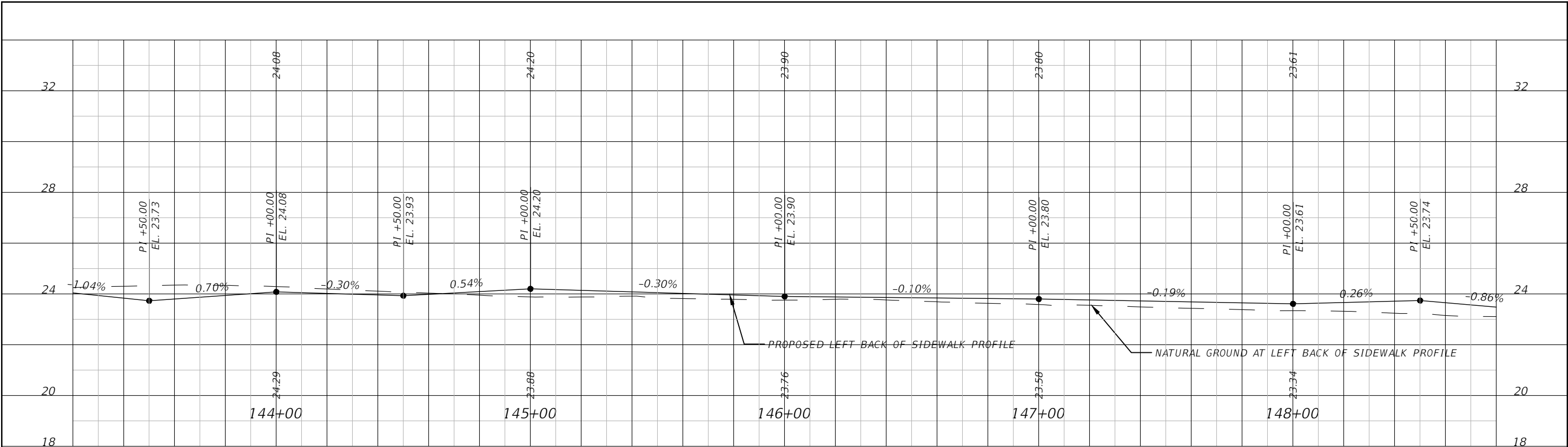


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

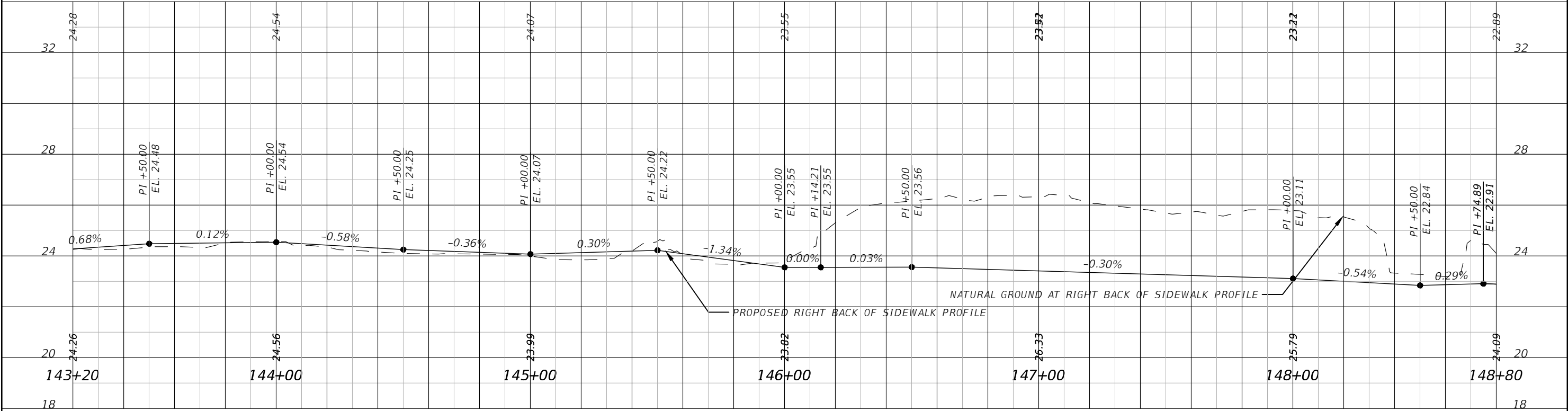
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
BACK-OF-SIDEWALK PROFILE (8)

SHEET
NO.
45

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LEFT



RIGHT

1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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STANTEC CONSULTING SERVICES, INC.

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

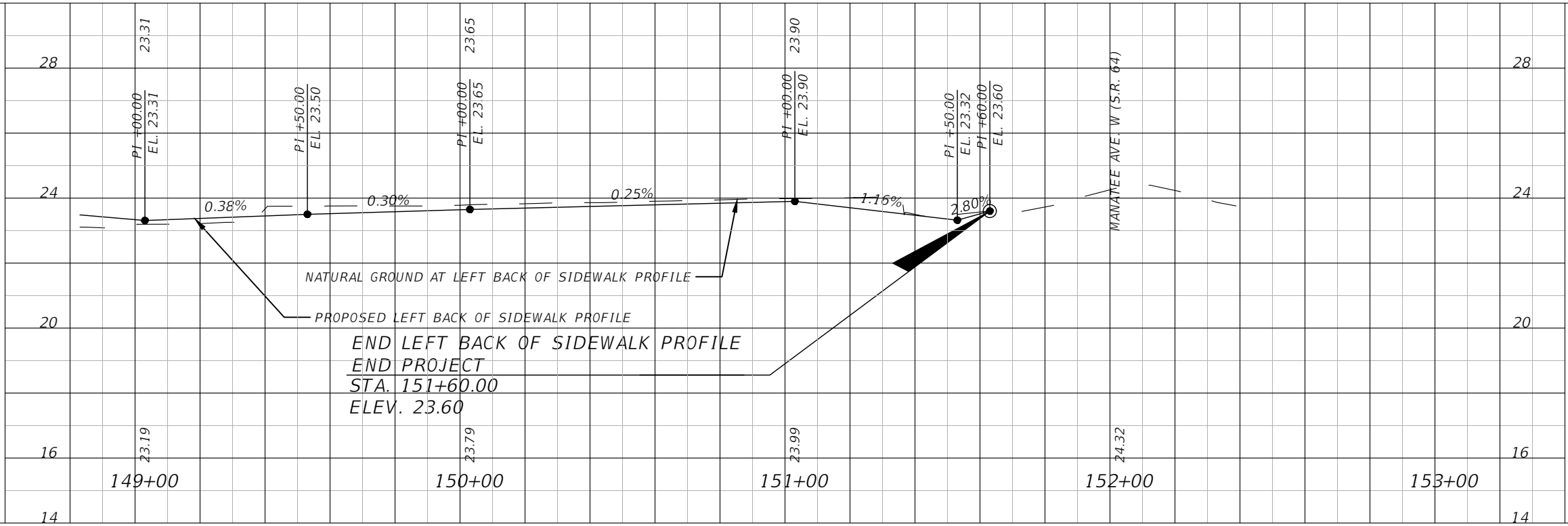


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

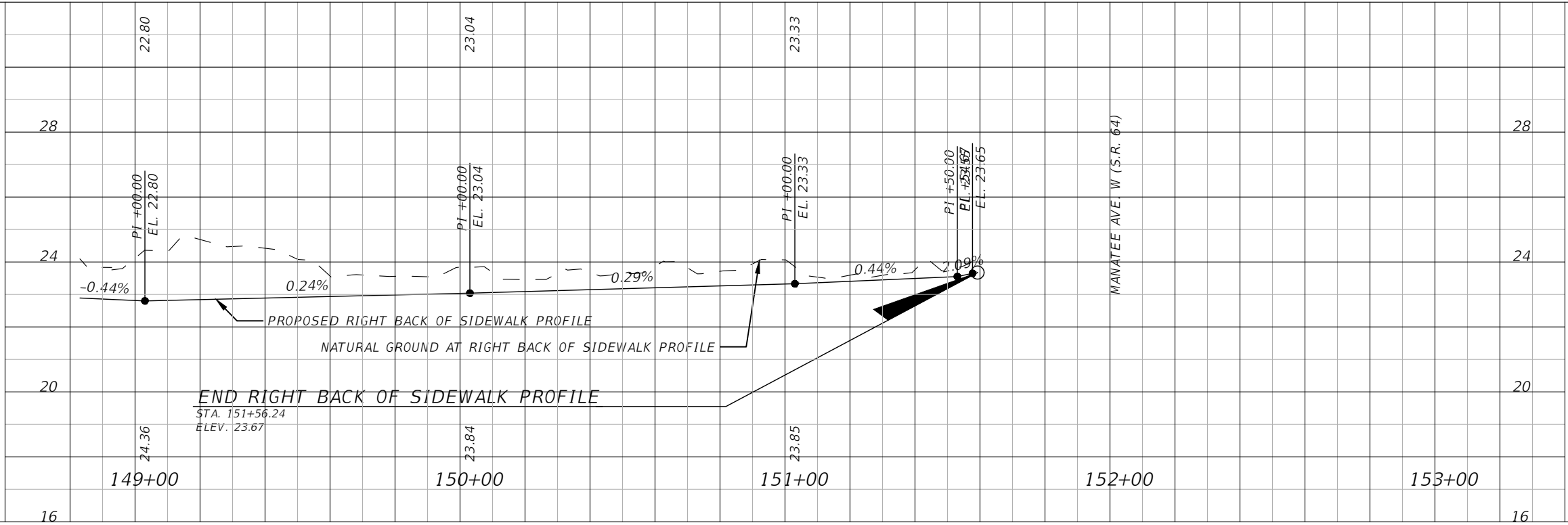
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
BACK-OF-SIDEWALK PROFILE (9)

SHEET
NO.
46

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LEFT



RIGHT

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1" = 4' Vertical

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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

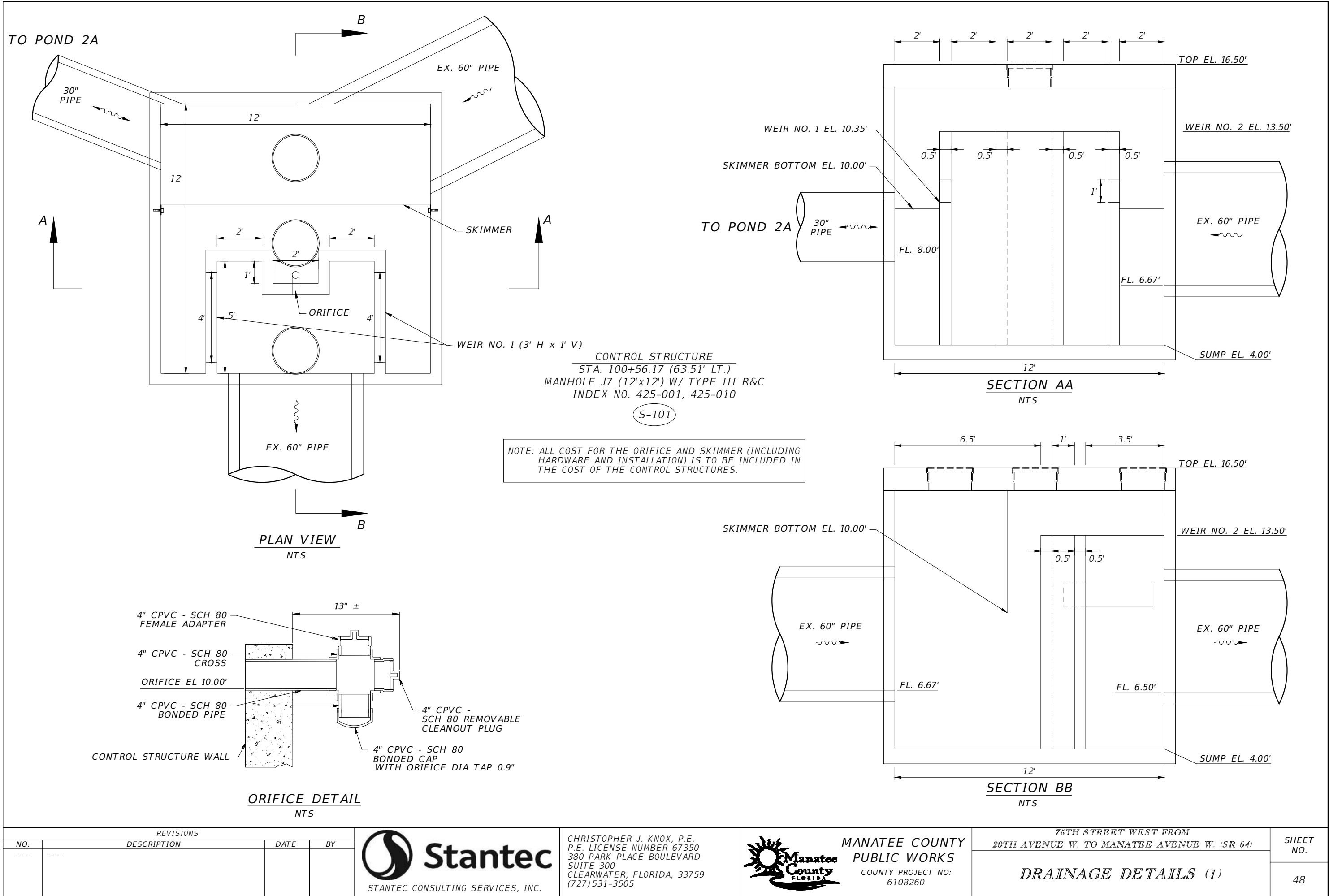


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
BACK-OF-SIDEWALK PROFILE (10)

SHEET
NO.
47

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CHRISTOPHER J. KNOX, P.E.
P.E. LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

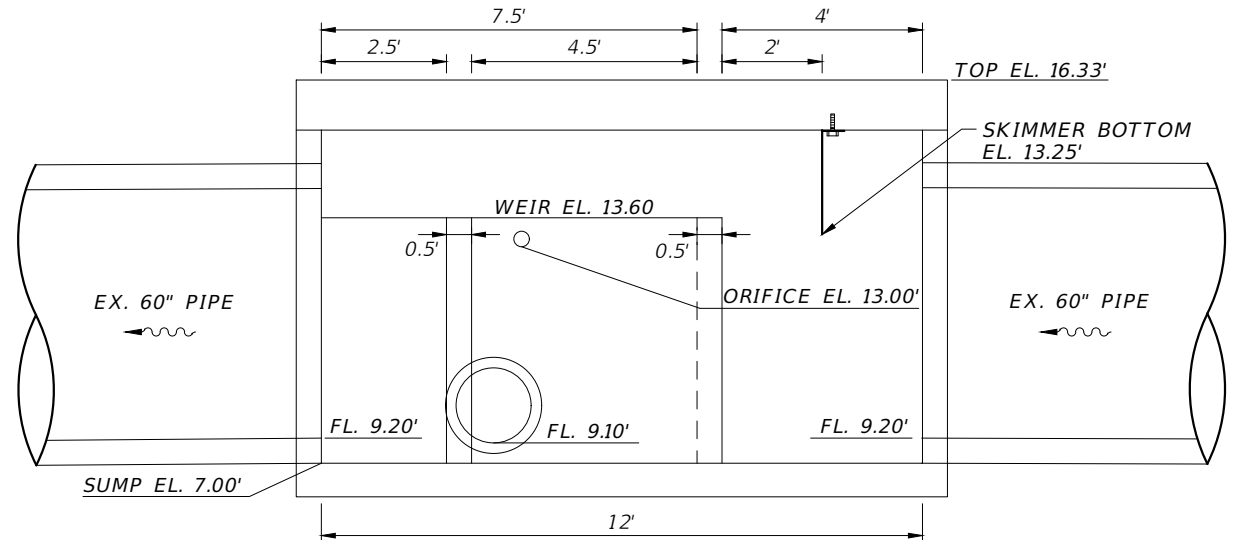
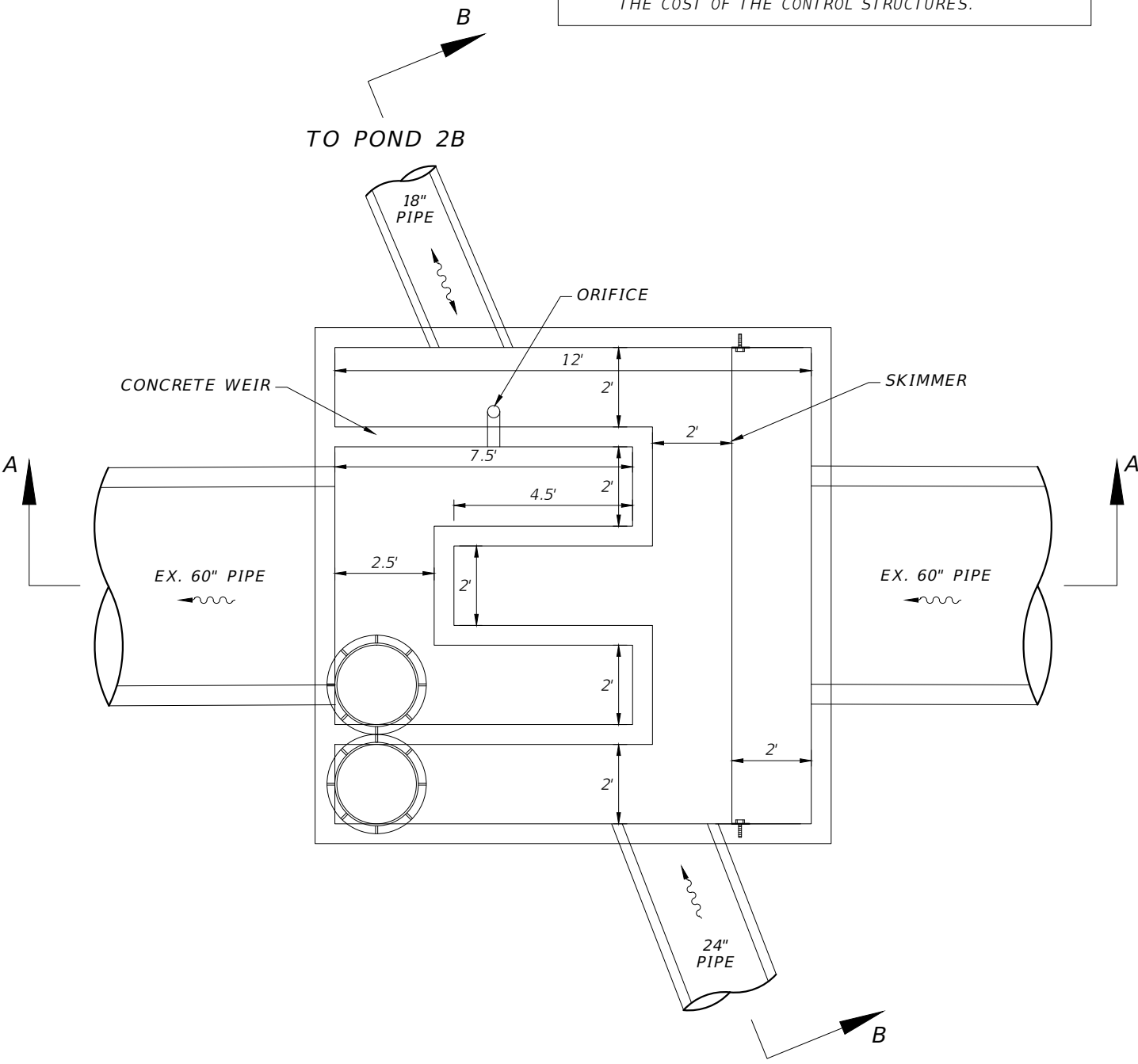
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRAINAGE DETAILS (1)

SHEET
NO.
48

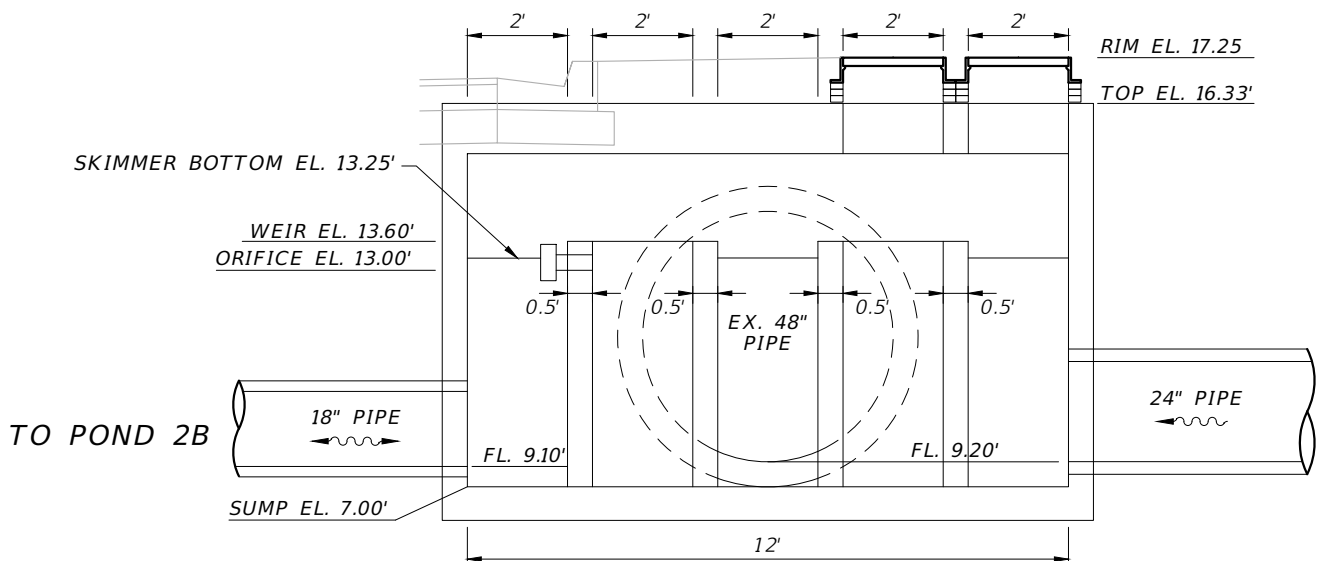
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONTROL STRUCTURE
STA. 106+29.42 (1.60' LT.)
MANHOLE J7 (12'x12')
INDEX NO. 425-001, 425-010
S-108

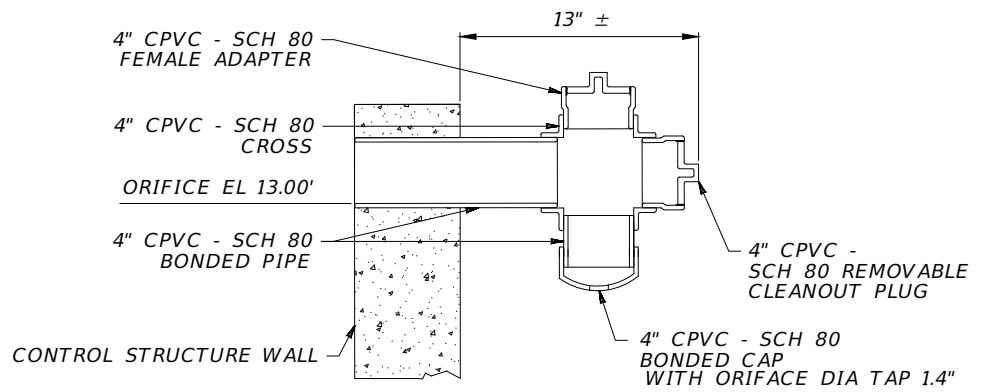
NOTE: ALL COST FOR THE ORIFICE AND SKIMMER (INCLUDING
HARDWARE AND INSTALLATION) IS TO BE INCLUDED IN
THE COST OF THE CONTROL STRUCTURES.



SECTION AA
NTS



SECTION BB
NTS



ORIFICE DETAIL
NTS

REVISIONS			
NO.	DESCRIPTION	DATE	BY
---	---	---	---



CHRISTOPHER J. KNOX, P.E.
P.E. LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727)531-3505

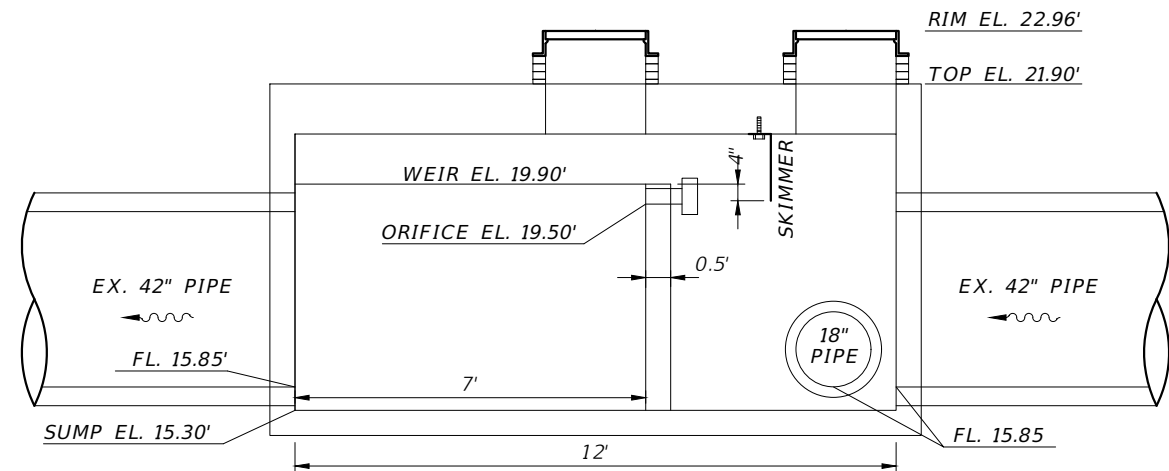
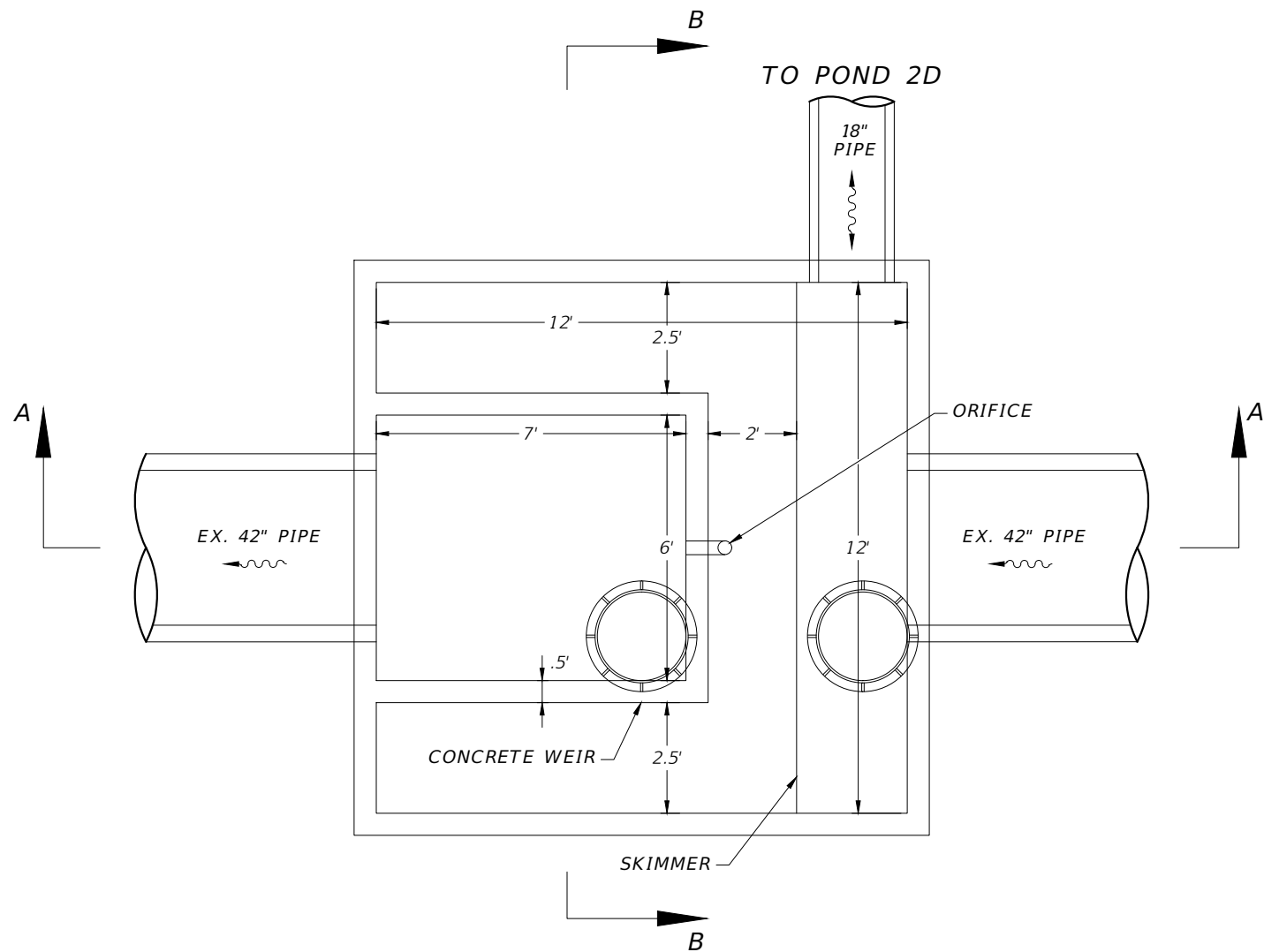


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRAINAGE DETAILS (2)

SHEET
NO.
49

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

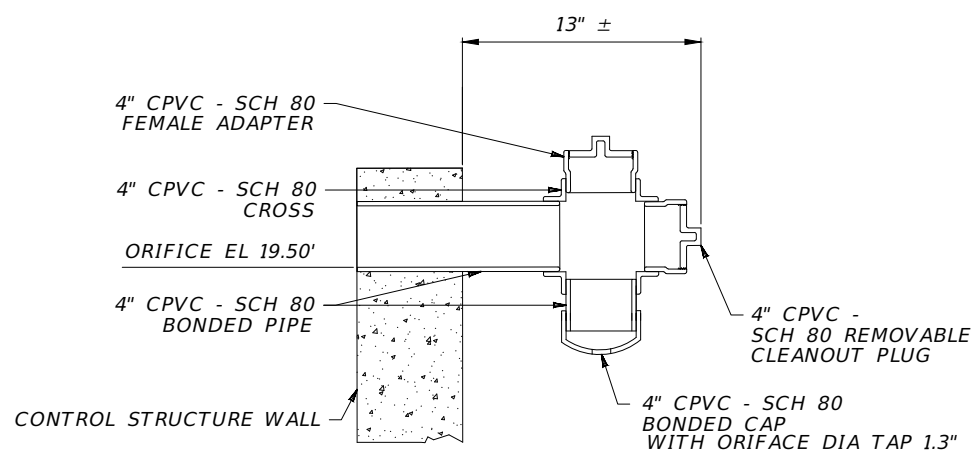


SECTION AA
NTS

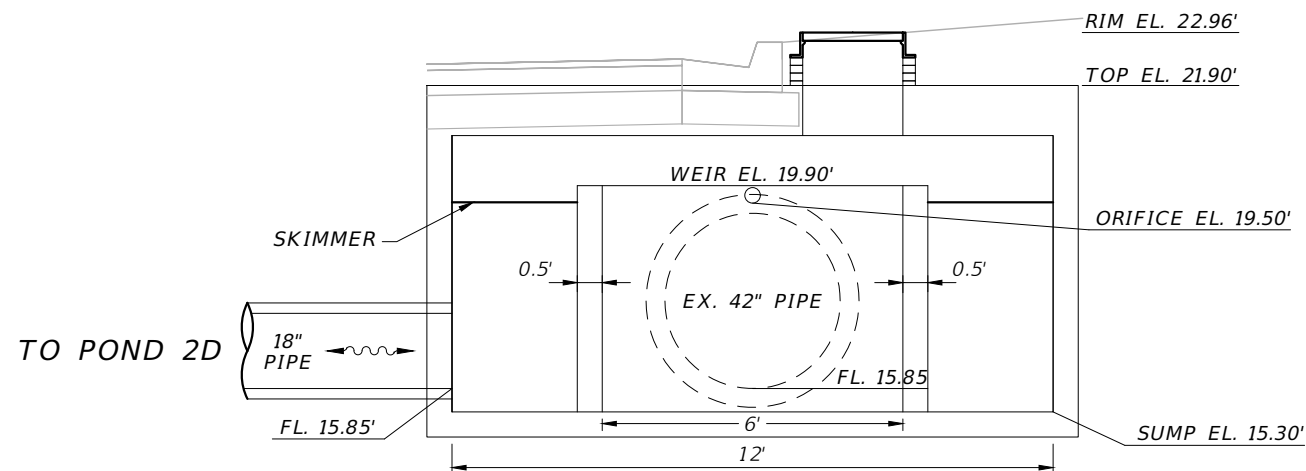
CONTROL STRUCTURE
STA. 133+38.00 (5.60' LT.)
MANHOLE J7 (7'x7')
INDEX NO. 425-001, 425-010

S-130

NOTE: ALL COST FOR THE ORIFICE AND SKIMMER (INCLUDING HARDWARE AND INSTALLATION) IS TO BE INCLUDED IN THE COST OF THE CONTROL STRUCTURES.



ORIFICE DETAIL
NTS



SECTION BB
NTS

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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Stantec

STANTEC CONSULTING SERVICES, INC.

CHRISTOPHER J. KNOX, P.E.
P.E. LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727)531-3505



MANATEE COUNTY
PUBLIC WORKS

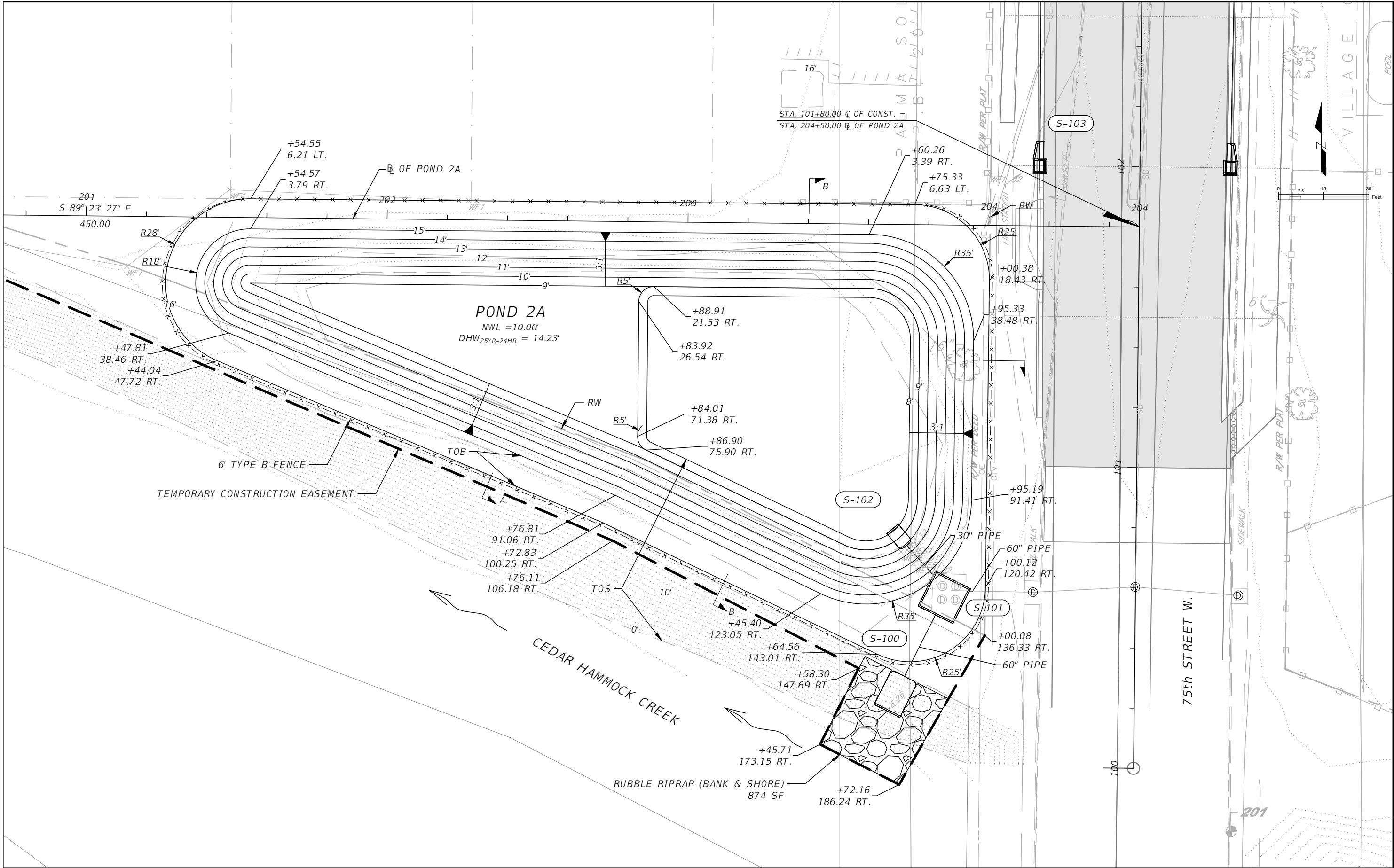
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

DRAINAGE DETAILS (3)

SHEET
NO.

50



REVISIONS			
NO.	DESCRIPTION	DATE	BY
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Stantec
STANTEC CONSULTING SERVICES, INC.

CHRISTOPHER J. KNOX, P.E.
P.E. LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727)531-3505



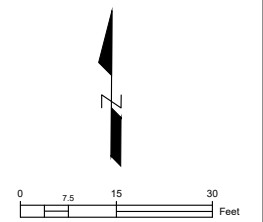
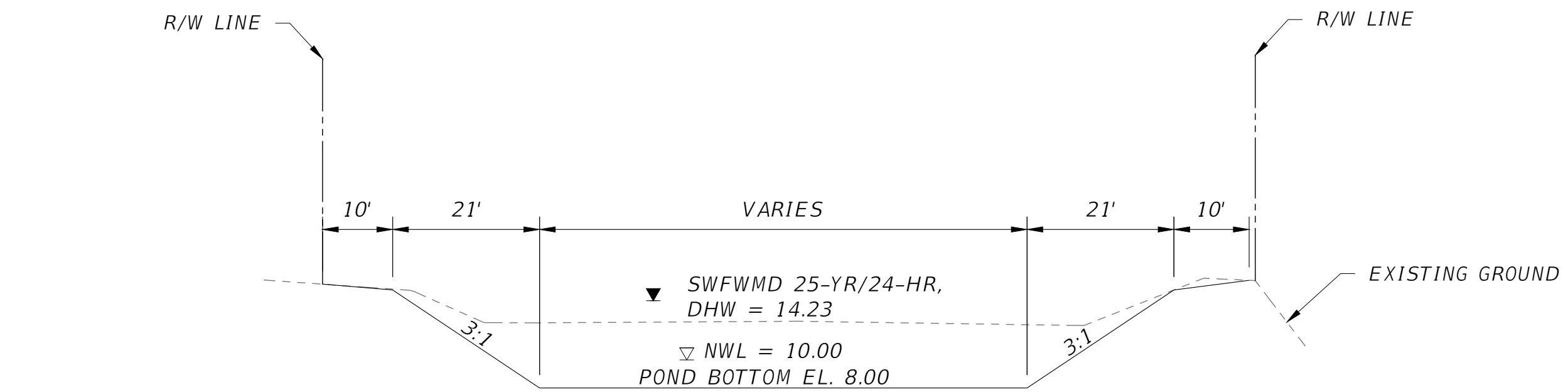
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
POND DETAIL SHEET
POND 2A (1)

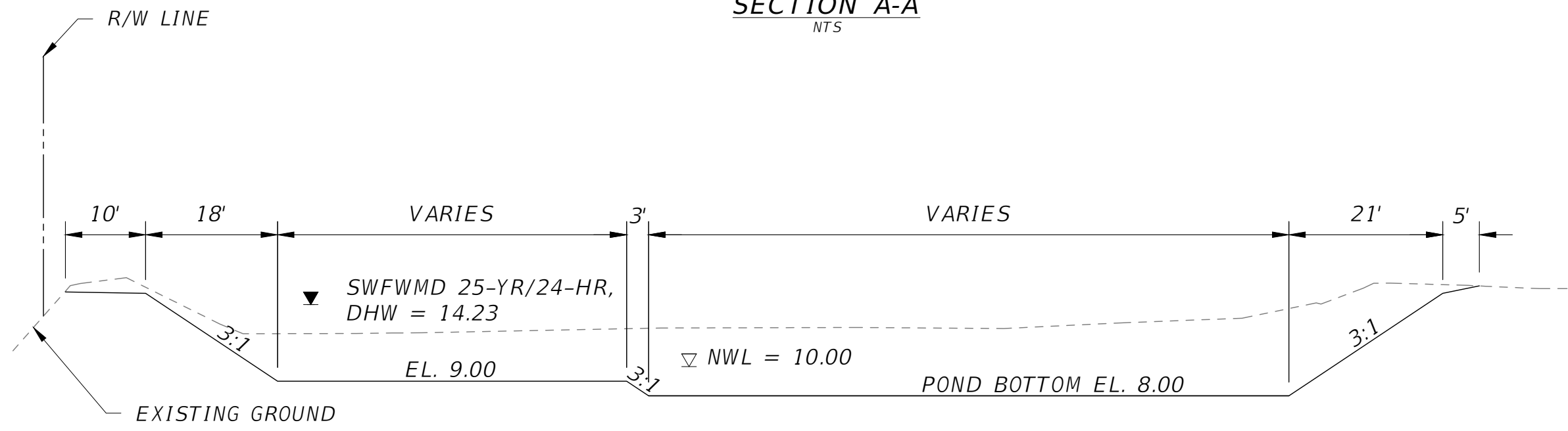
SHEET
NO.

51

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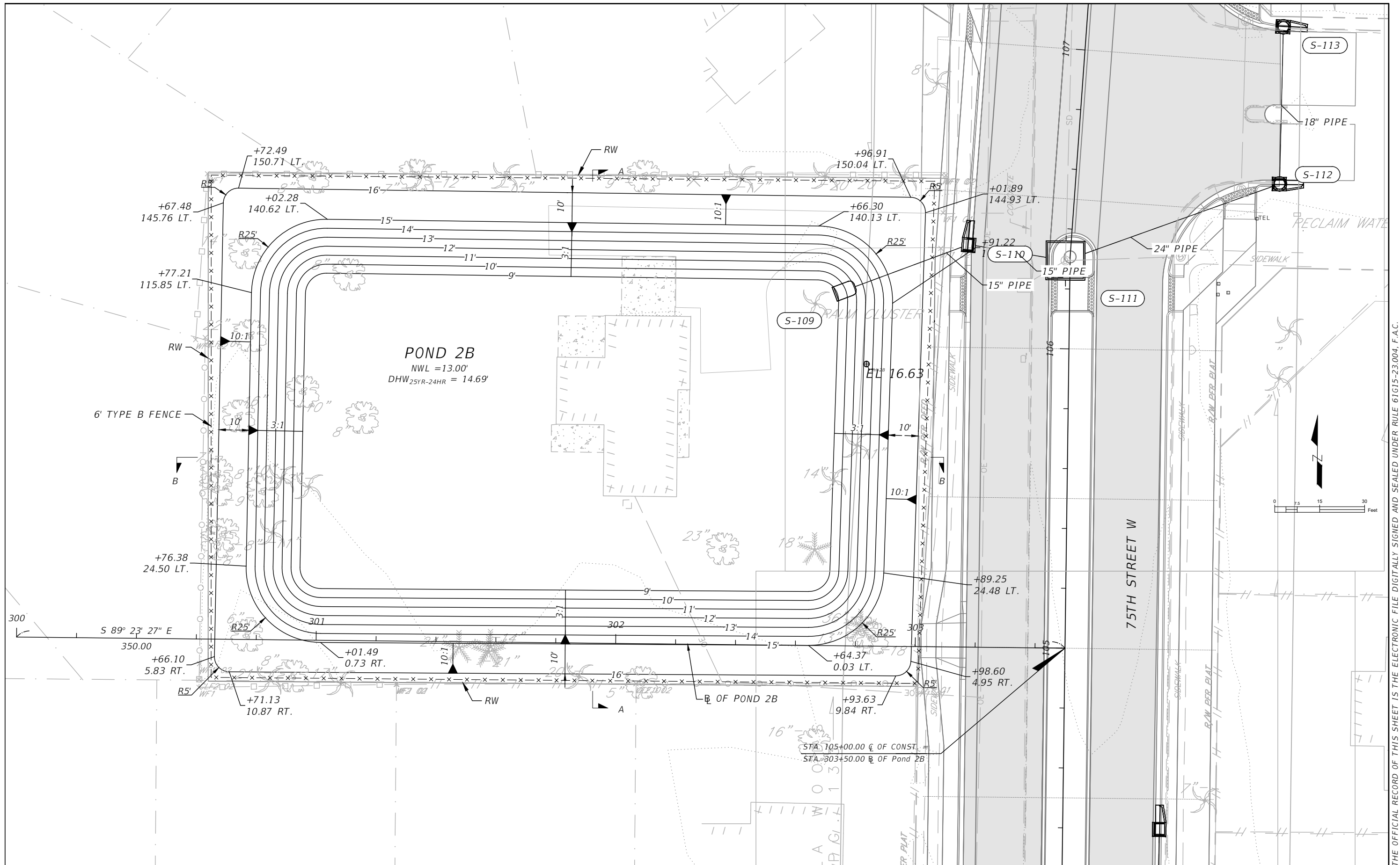
SECTION A-A
NTS



SECTION B-B
NTS

REVISIONS					CHRISTOPHER J. KNOX, P.E. P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				POND DETAIL SHEET POND 2A (2)	52
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NO.	DESCRIPTION	DATE	BY



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P.E. LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

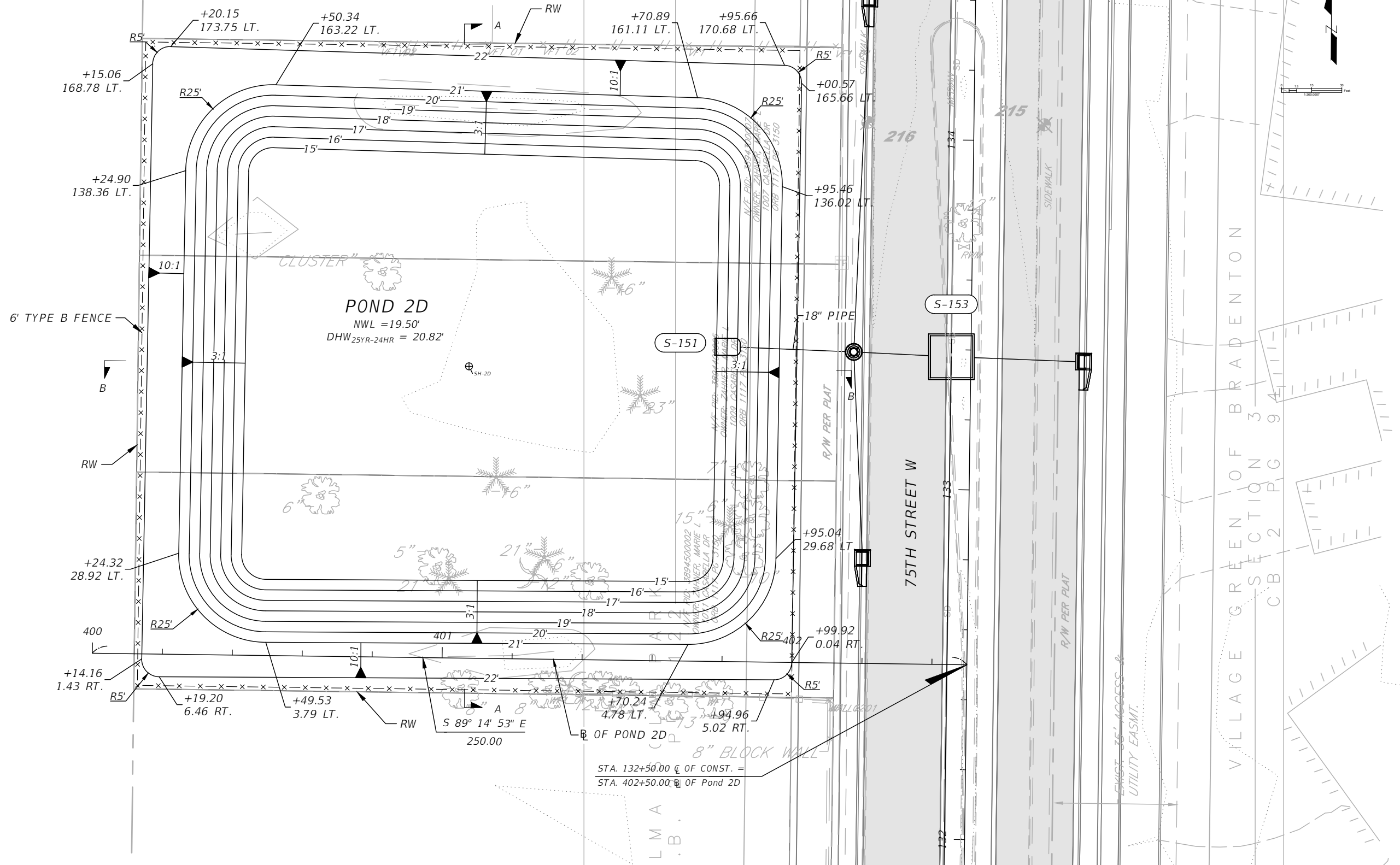


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

POND DETAIL SHEET
POND 2B (1)

SHEET NO.
53



STA. 132+50.00 C OF CONST. =
STA. 402+50.00 C OF Pond 2D

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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CHRISTOPHER J. KNOX, P.E.
P.E. LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727)531-3505



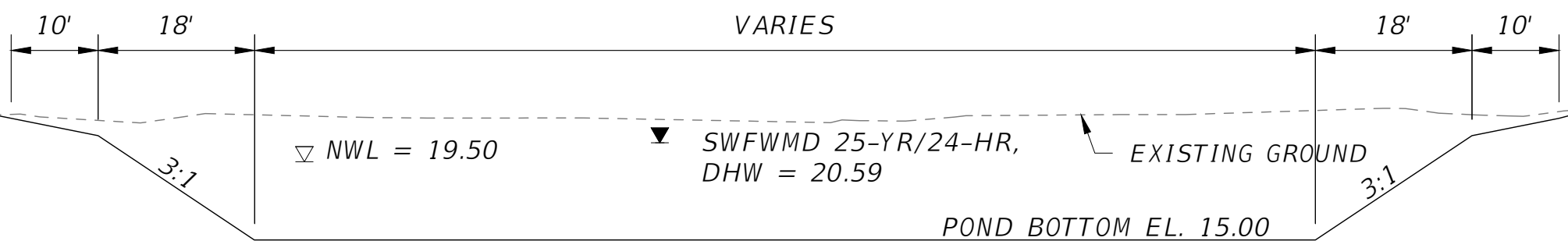
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
POND DETAIL SHEET
POND 2D (1)

SHEET
NO.
55

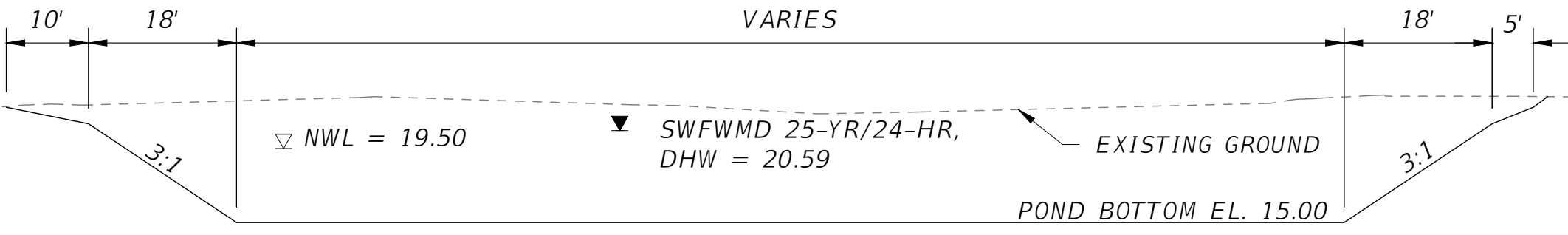
R/W LINE

R/W LINE



SECTION A-A
NTS

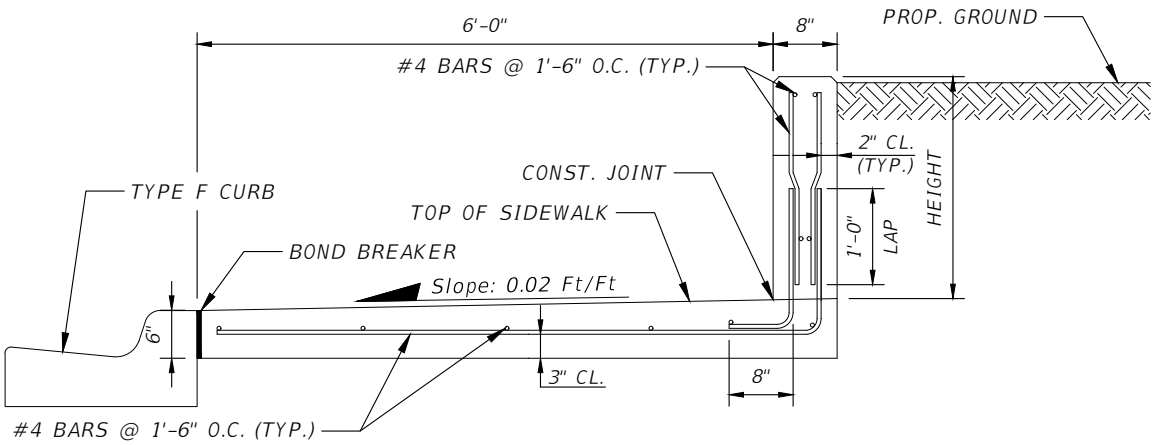
R/W LINE



SECTION B-B
NTS

REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 Manatee County FLORIDA	MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY					POND DETAIL SHEET POND 2D (2)	56
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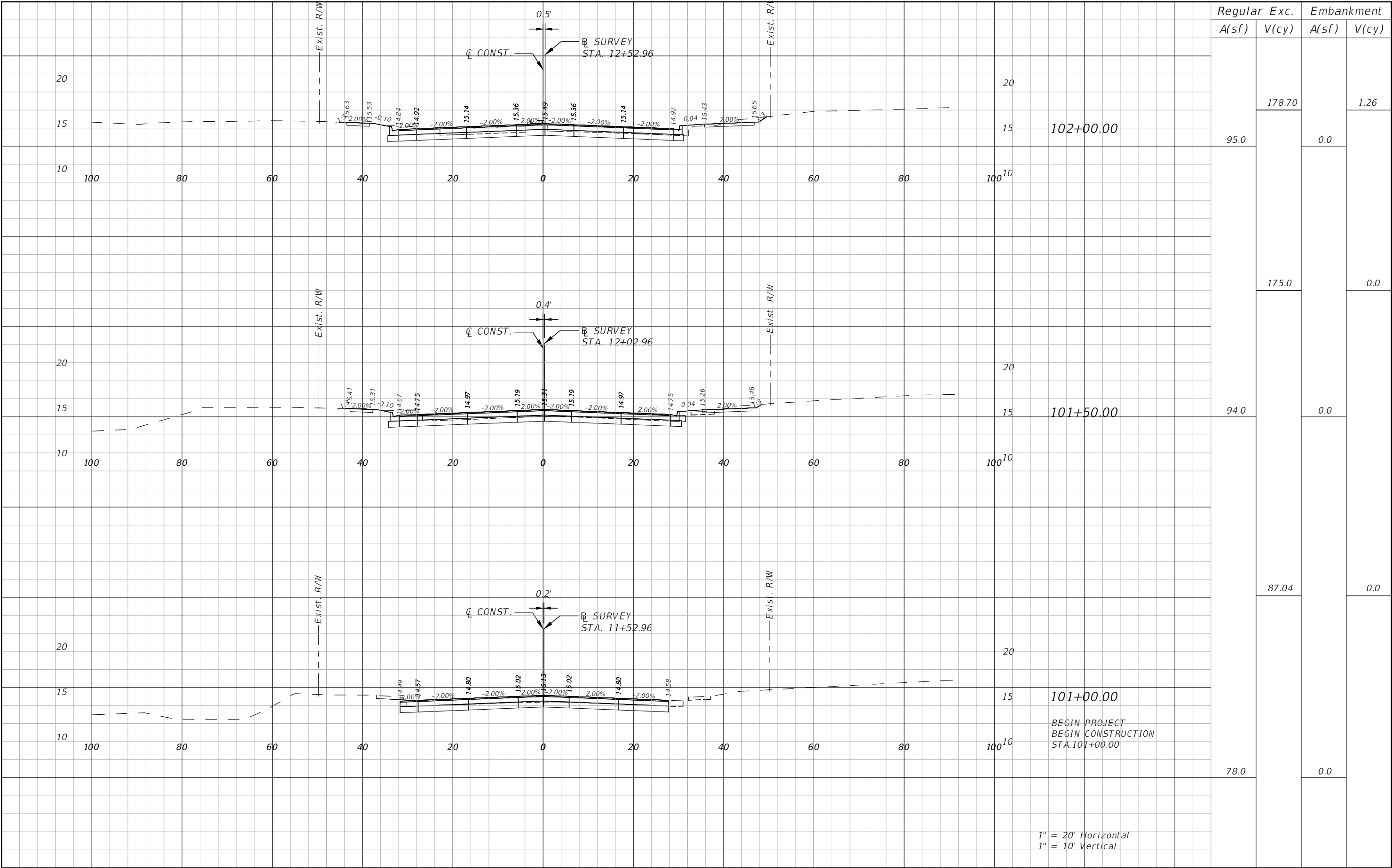
SIDEWALK WALL TYPICAL SECTION

SIDEWALK WALL	
LOCATION	NOTES
133+75.00 - 137+93.45, 39.00 RT	1.0' AVG. HEIGHT
146+14.77, 42.31 RT - 148+30.69, 42.89 RT	3.0' AVG. HEIGHT
148+74.91 - 150+00.00, 42.17 RT	2.5' AVG. HEIGHT

SIDEWALK WALL NOTES:

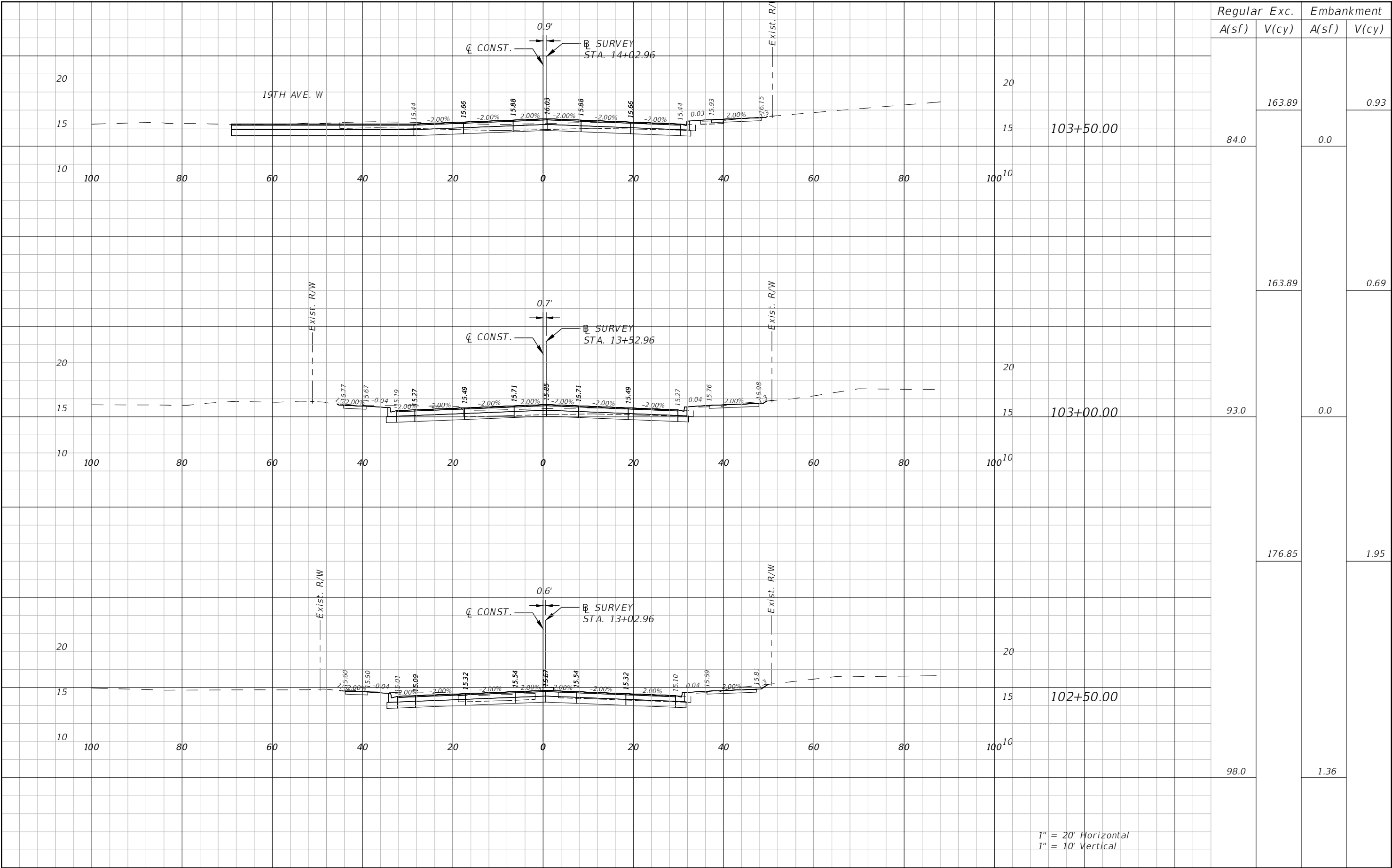
1. CONCRETE SHALL BE CLASS II WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3400 PSI.
2. REINFORCING STEEL SHALL MEET FDOT STANDARD SPECIFICATIONS SECTION 931, GRADE 60.
3. OFFSETS ARE MEASURED TO THE FACE OF WALL (BACK OF SIDEWALK).
4. CONSTRUCT SIDEWALK SLAB IN ACCORDANCE WITH SPECIFICATION SECTION 522.
5. INSTALL ½" THICK EXPANSION JOINTS (PREFORMED JOINT FILLER) BETWEEN SIDEWALK SLAB, DRIVEWAYS, SIDEWALK-INTERSECTIONS, AND ALL OTHER FIXED OBJECTS (E.G. DRAINAGE INLETS AND UTILITY POLES).
6. CONSTRUCT A TOOLED COLD JOINT WITH A BOND BREAKER BETWEEN THE SIDEWALK SLAB AND THE CURB. BOND BREAKER MATERIAL CAN BE ANY IMPERMEABLE COATED OR SHEET MEMBRANE OR PREFORMED MATERIAL HAVING A THICKNESS OF NOT LESS THAN 6 MILS AND NOT MORE THAN ½".
7. INSTALL TRANSVERSE JOINTS IN THE SIDEWALK SLAB WITH EITHER OPEN OR SAWED JOINTS.
 - A. OPEN JOINTS:
INSTALL ⅛" FORMED OPEN JOINTS AT 10" CENTERS.
INSTALL ⅛" TOOLED DUMMY JOINTS MIDWAY BETWEEN OPEN JOINTS.
 - B. SAWED JOINTS:
INSTALL ½" EXPANSION JOINTS AT 120' ON CENTER.
INSTALL ⅜" SAW CUT JOINTS , 1½" DEEP (WITHIN 12 HOURS) AT 30' CENTERS BETWEEN EXPANSION JOINTS.
INSTALL ⅜" SAW CUT JOINTS, 1½" DEEP (WITHIN 96 HOURS) AT 5' CENTERS.
8. INSTALL VERTICAL JOINT IN WALL AT 30' CENTERS. ALIGN WALL JOINTS WITH SIDEWALK JOINTS. CONSTRUCT WALL JOINTS WITH AN ORGANIC FELT OR PREFORMED PLASTIC BOND BREAKER. FORM A ½" V-GROOVE ALONG THE TOP AND FRONT FACE OF THE WALL JOINTS.
9. INSTALL A 1' WIDE JOINT SEAL OVER THE BACK FACE OF THE WALL JOINTS, EXTENDING FROM THE BOTTOM OF THE WALL TO 6" BELOW THE TOP. THE JOINT SEAL SHALL CONSIST OF AN ORGANIC FELT BOND BREAKER IN ACCORDANCE WITH SPECIFICATION 400 OR TYPE D-5 GEOTEXTILE FABRIC IN ACCORDANCE WITH SPECIFICATION SECTION 985. MOP ALL CONTACT SURFACES OF THE CONCRETE AND JOINT SEAL WITH CUT-BACK ASPHALT.
10. STOP LONGITUDINAL SLAB AND WALL REINFORCEMENT 2" CLEAR OF OPEN JOINTS AND EXPANSION JOINTS.

REVISIONS				 STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER GAMACHE, P.E. P.E. LICENSE NUMBER 82122 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				SPECIAL DETAILS	57
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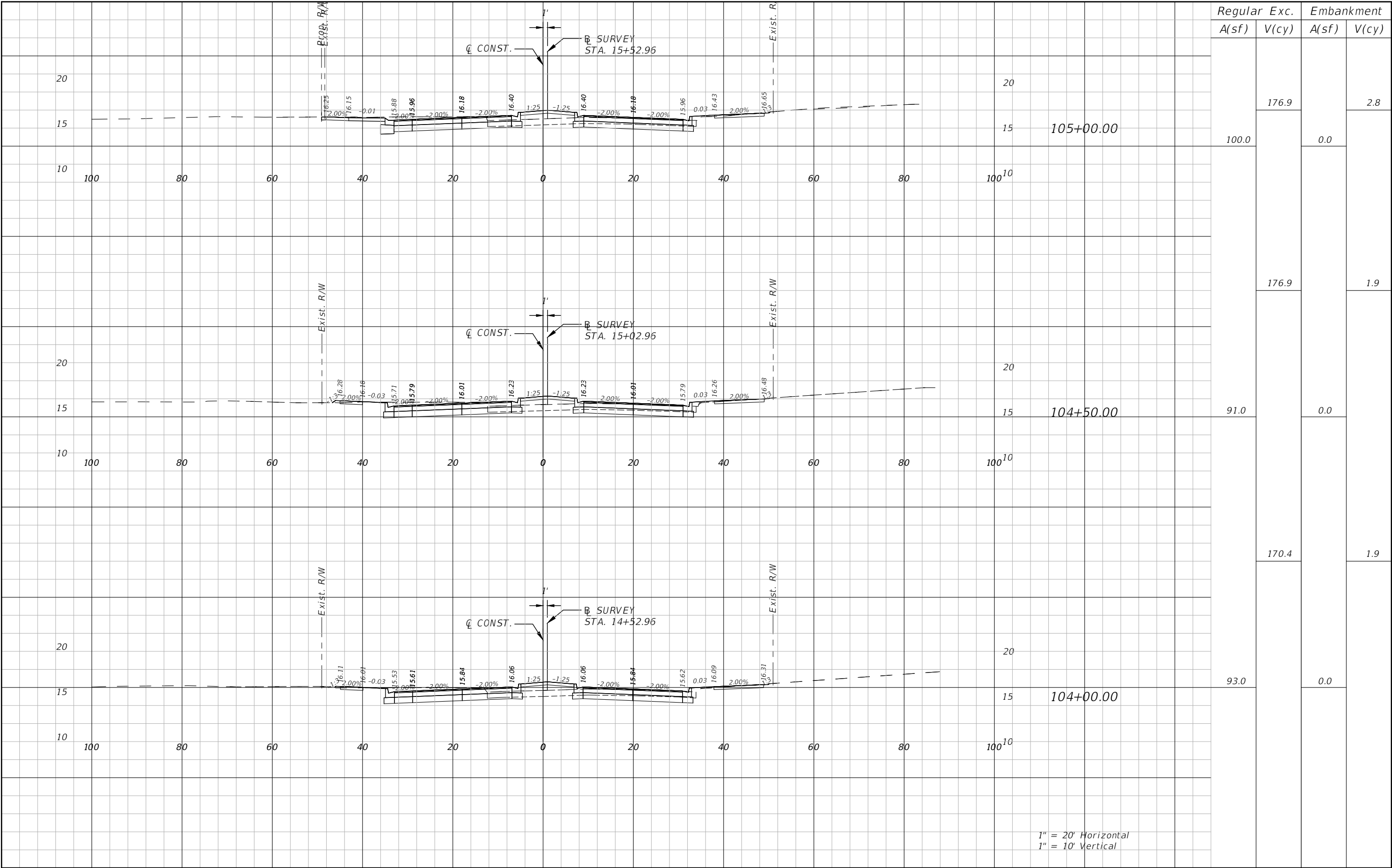
REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (1)	58	
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NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (2)		59
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NO.	DESCRIPTION	DATE	BY
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Stantec
STANTEC CONSULTING SERVICES, INC.

JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

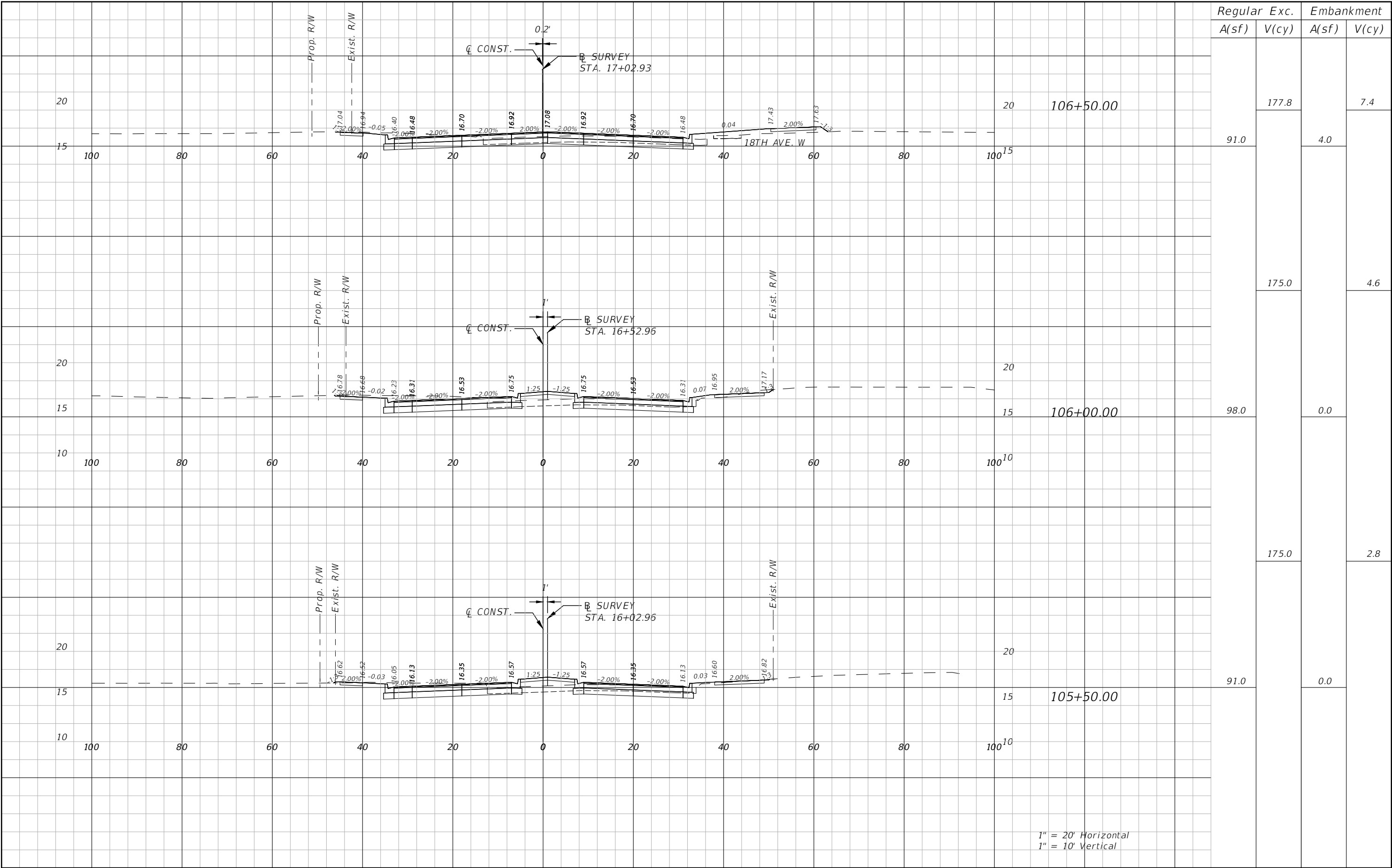
ROADWAY CROSS-SECTION (3)

SHEET NO.

60

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Lapido-Loureiro, Brigitte 7/20/2023 4:44:50 PM U:\238200272\acad\dwg\00000000000\Roadway\RDXSRD01.dwg



Regular	Exc.	Embankment	
A(sf)	V(cy)	A(sf)	V(cy)

91.0	177.8	4.0	7.4
	175.0		4.6
98.0		0.0	
	175.0		2.8
91.0		0.0	

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

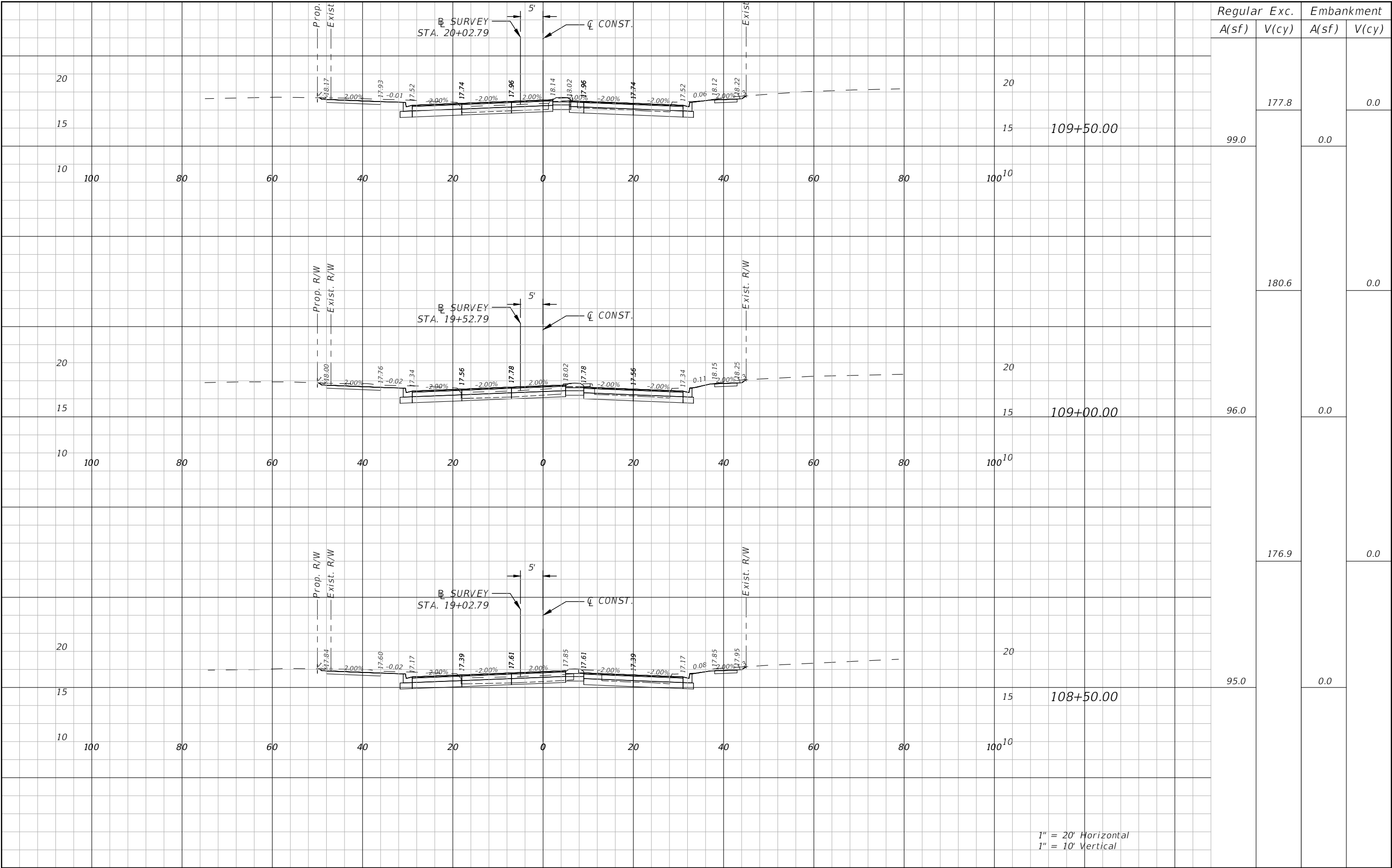


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (4)

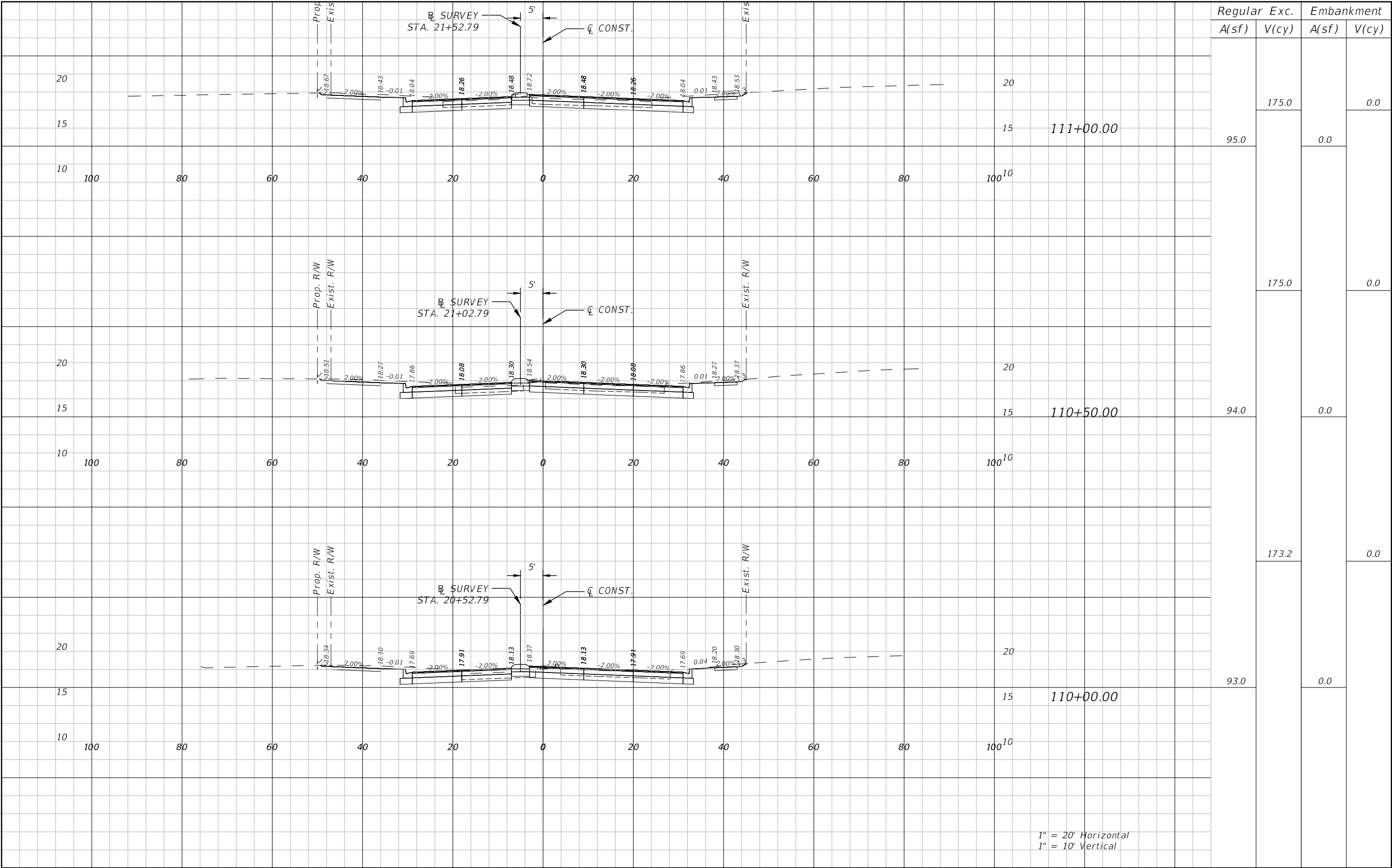
SHEET
NO.
61

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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (6)		63
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1" = 10' Vertical

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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

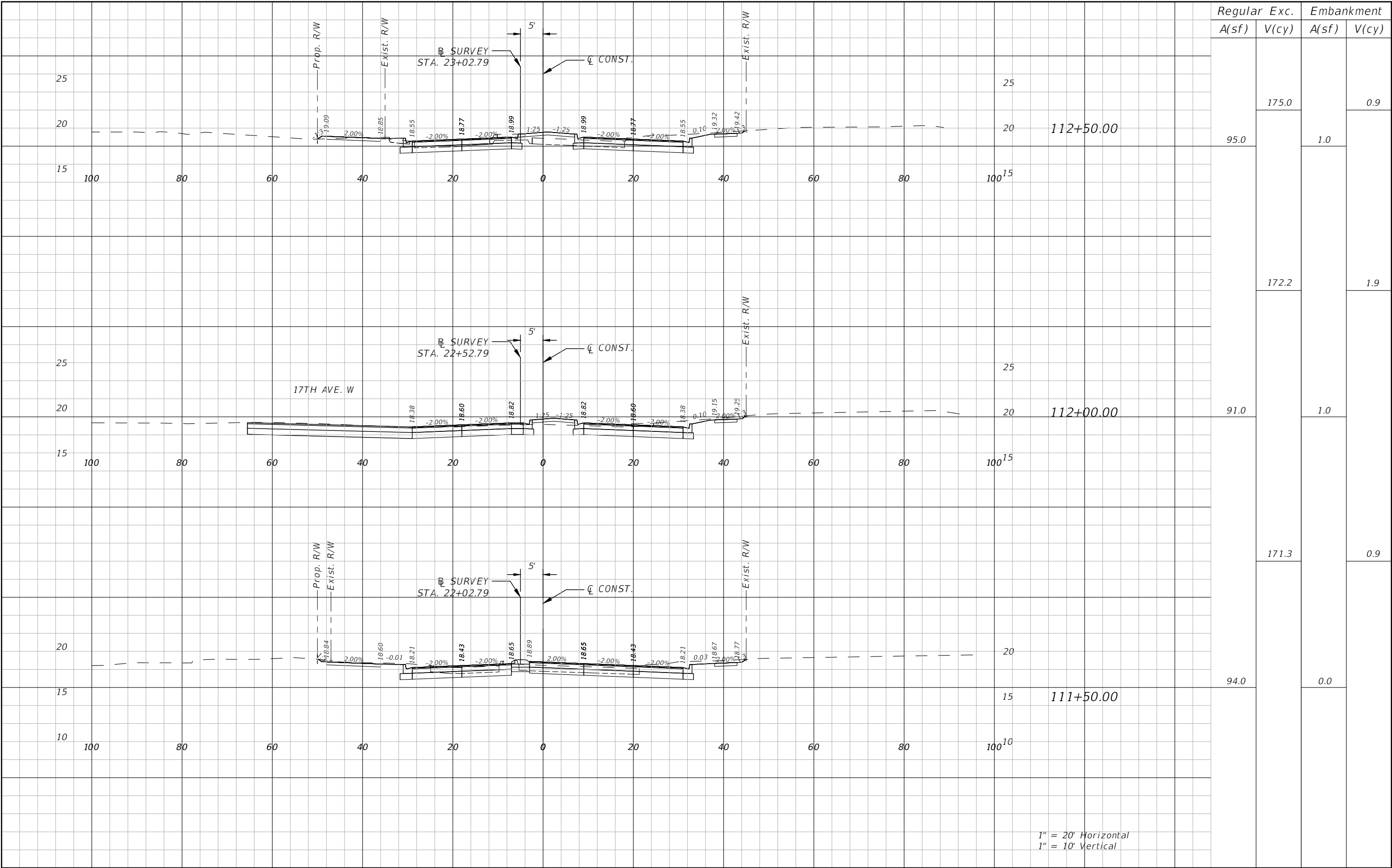


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (7)

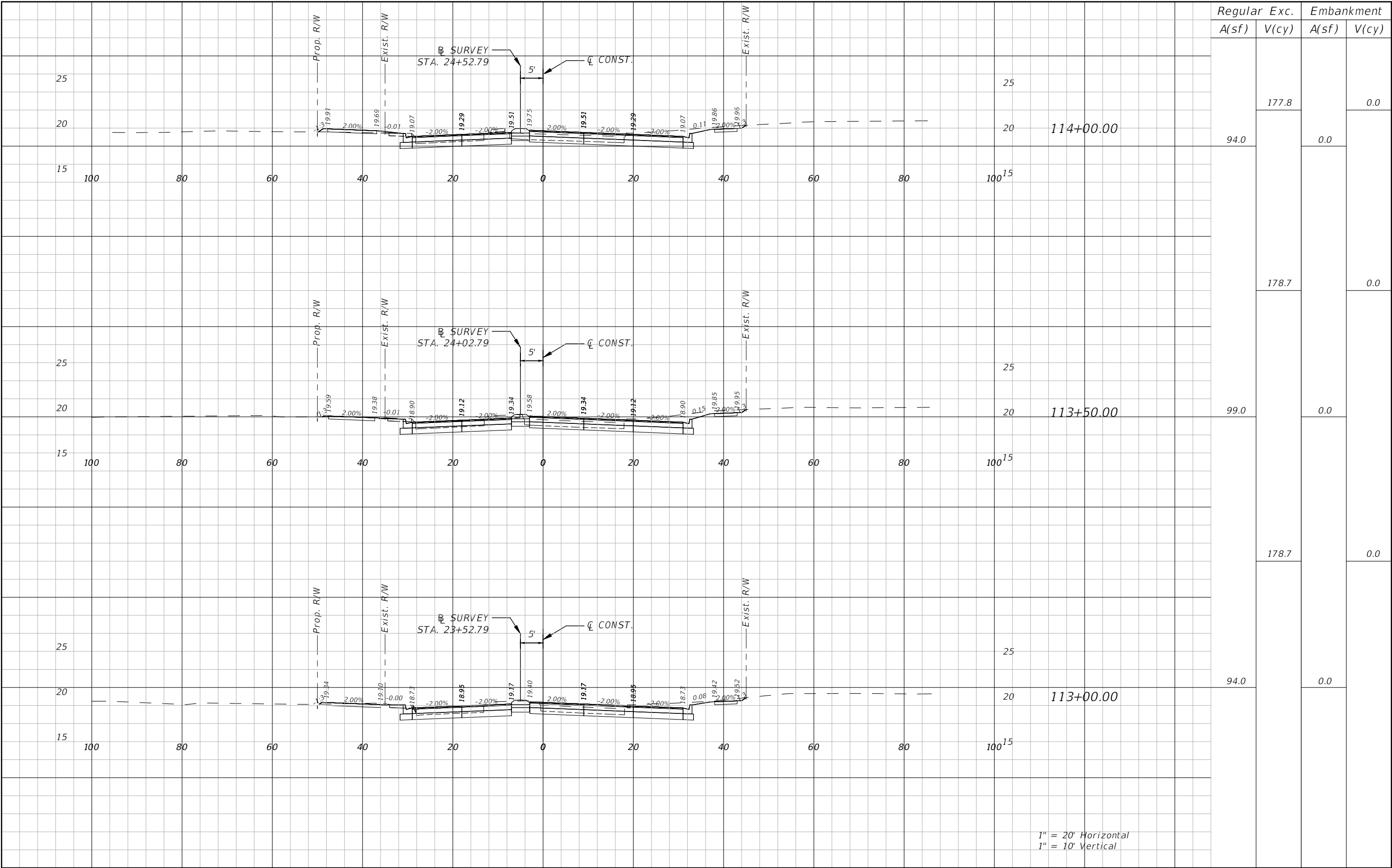
SHEET
NO.
64

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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (8)		65
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Regular	Exc.	Embankment	
A(sf)	V(cy)	A(sf)	V(cy)

94.0	177.8	0.0	0.0
99.0	178.7	0.0	0.0
94.0	178.7	0.0	0.0

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

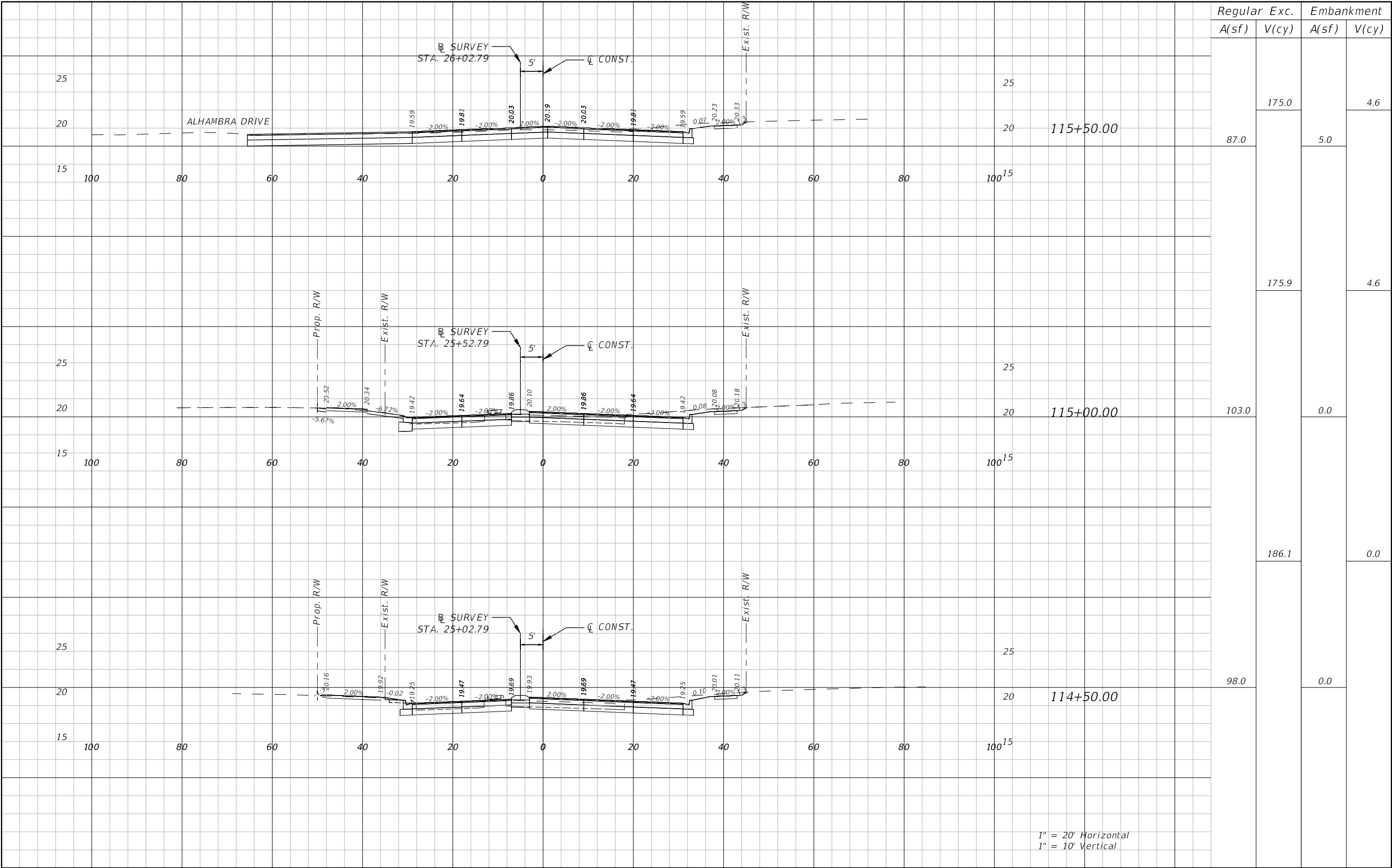


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (9)

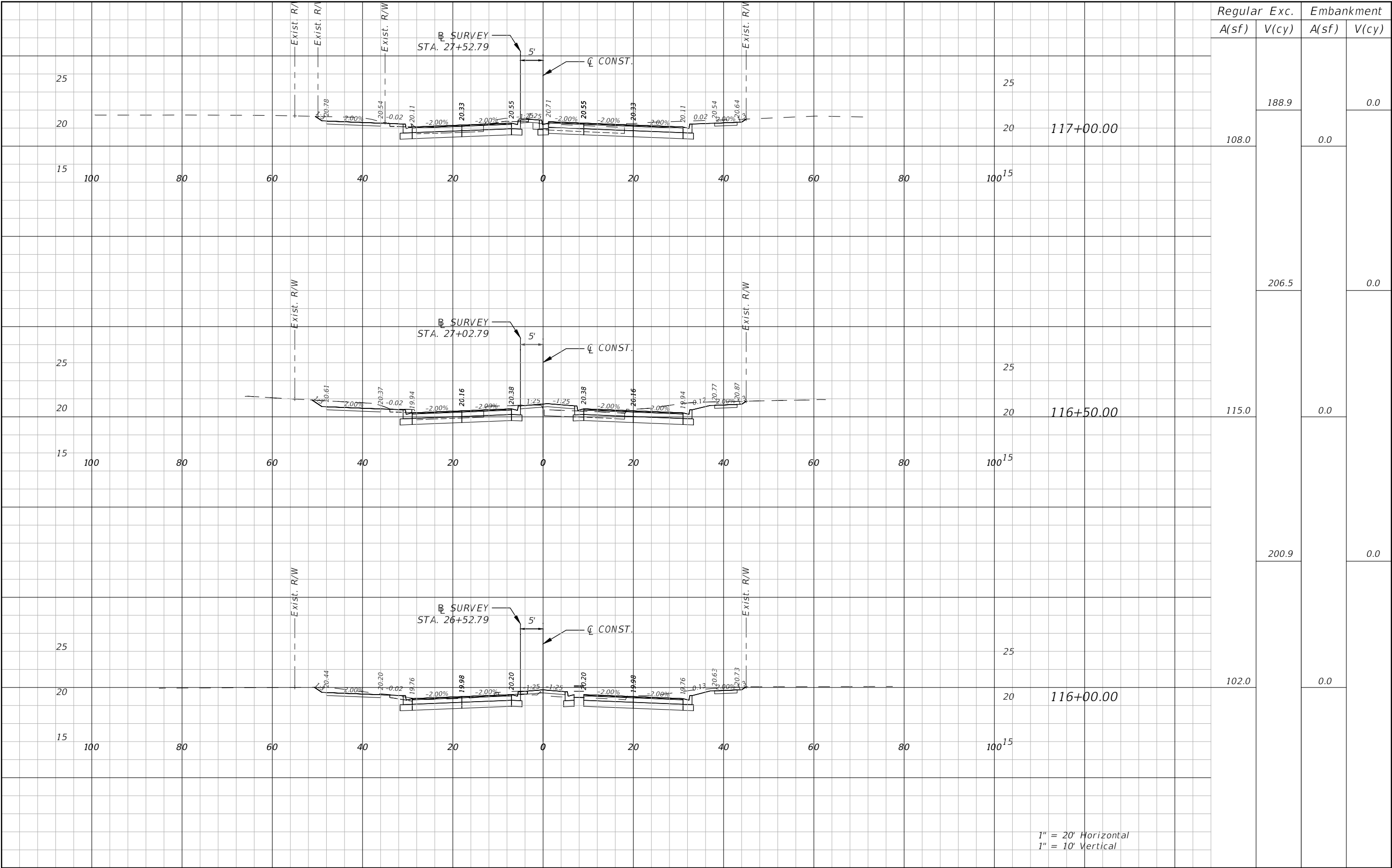
SHEET
NO.
66

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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (10)		67
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1" = 10' Vertical

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NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

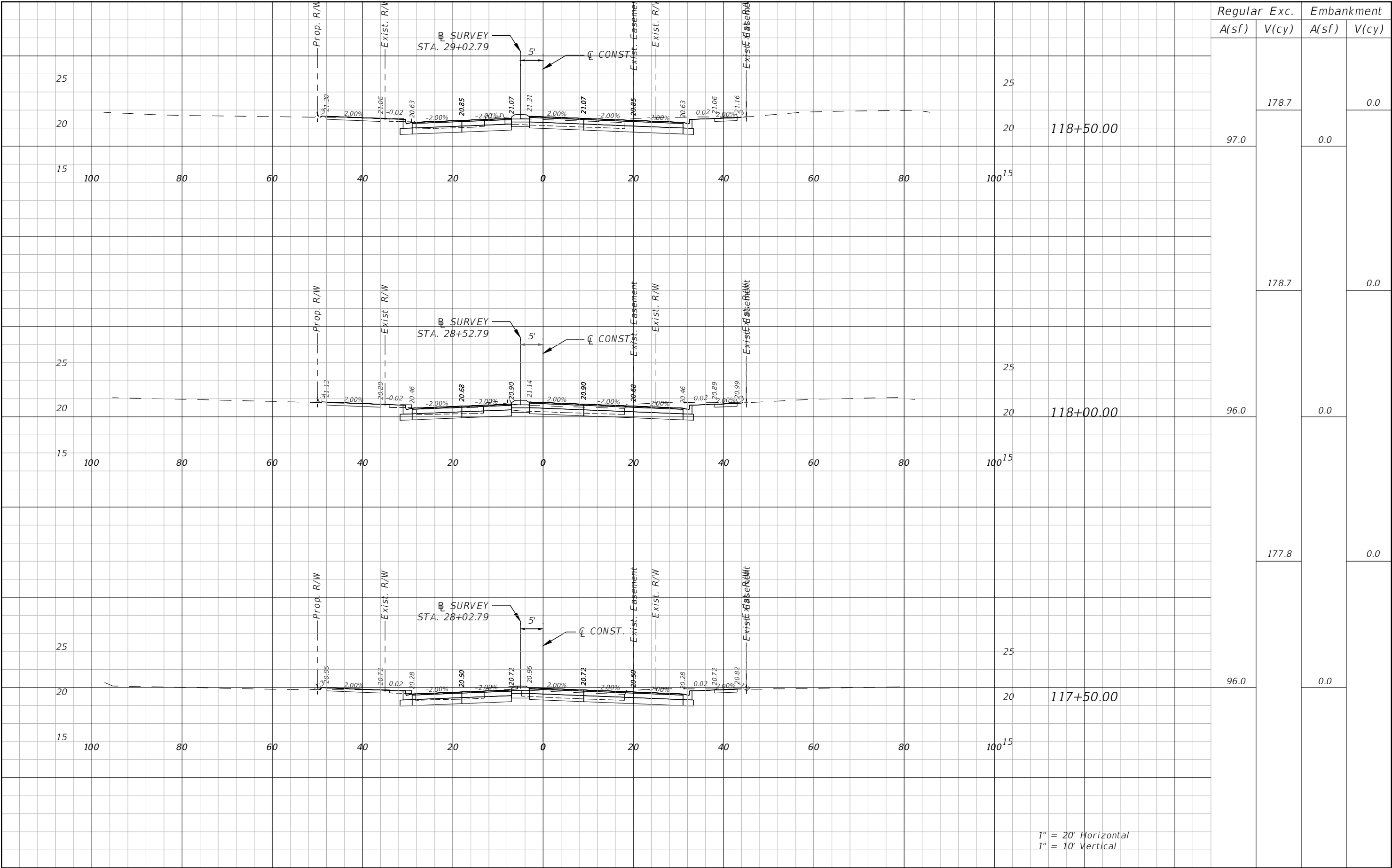


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (11)

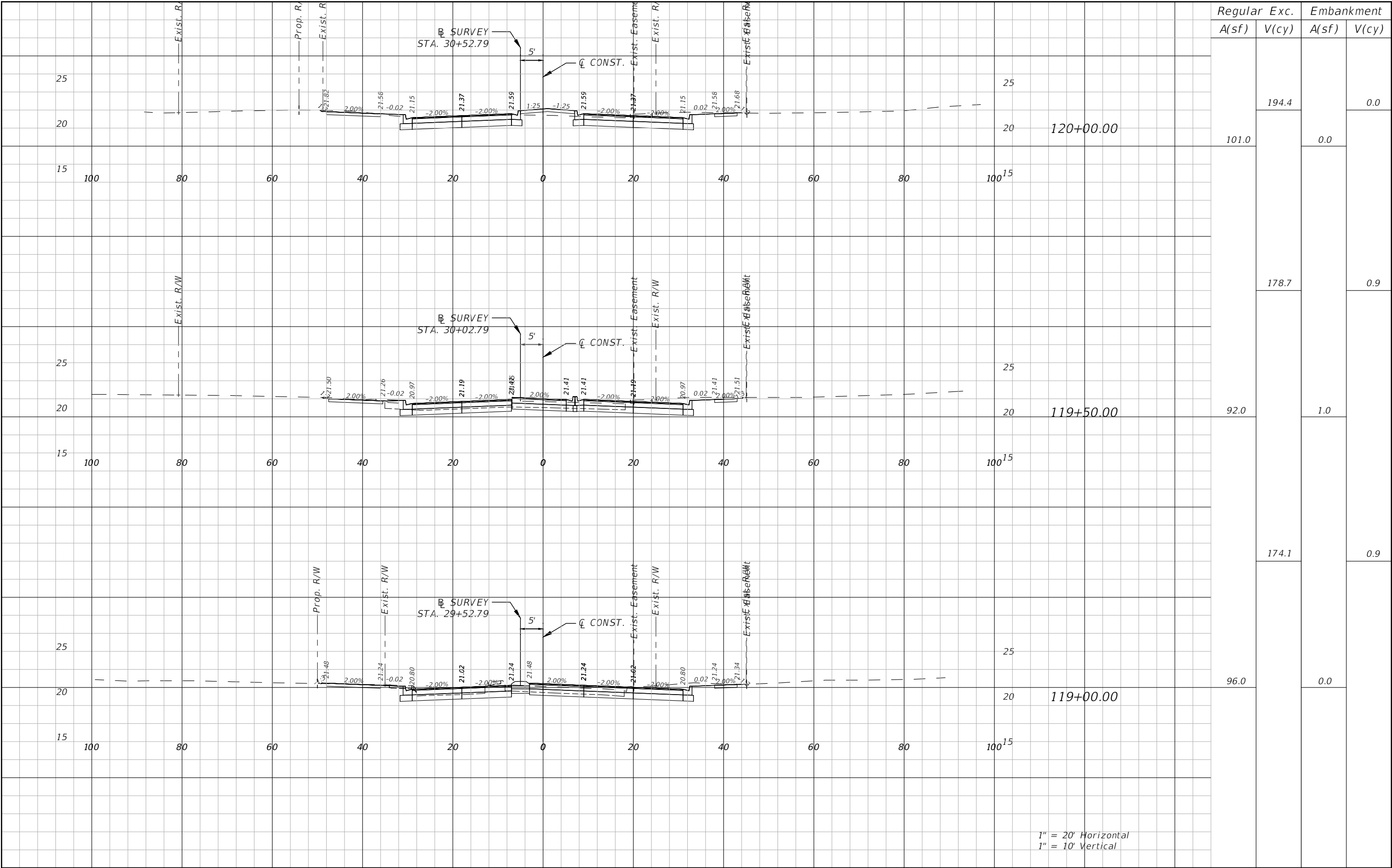
SHEET
NO.
68

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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (12)		69
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1" = 10' Vertical

REVISIONS			
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
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(727) 531-3505

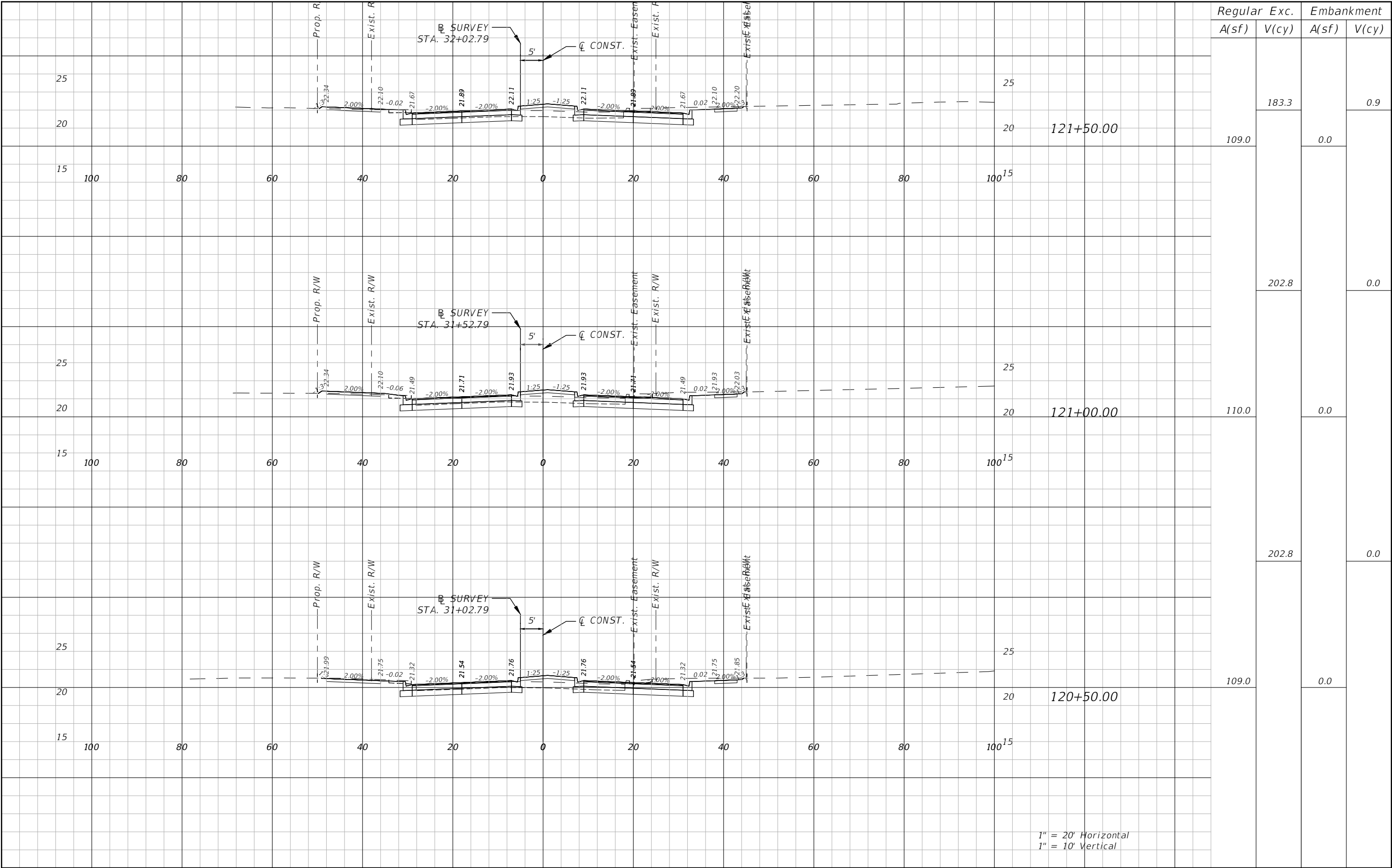


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (13)

SHEET
NO.
70

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1" = 10' Vertical

REVISIONS			
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
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(727) 531-3505



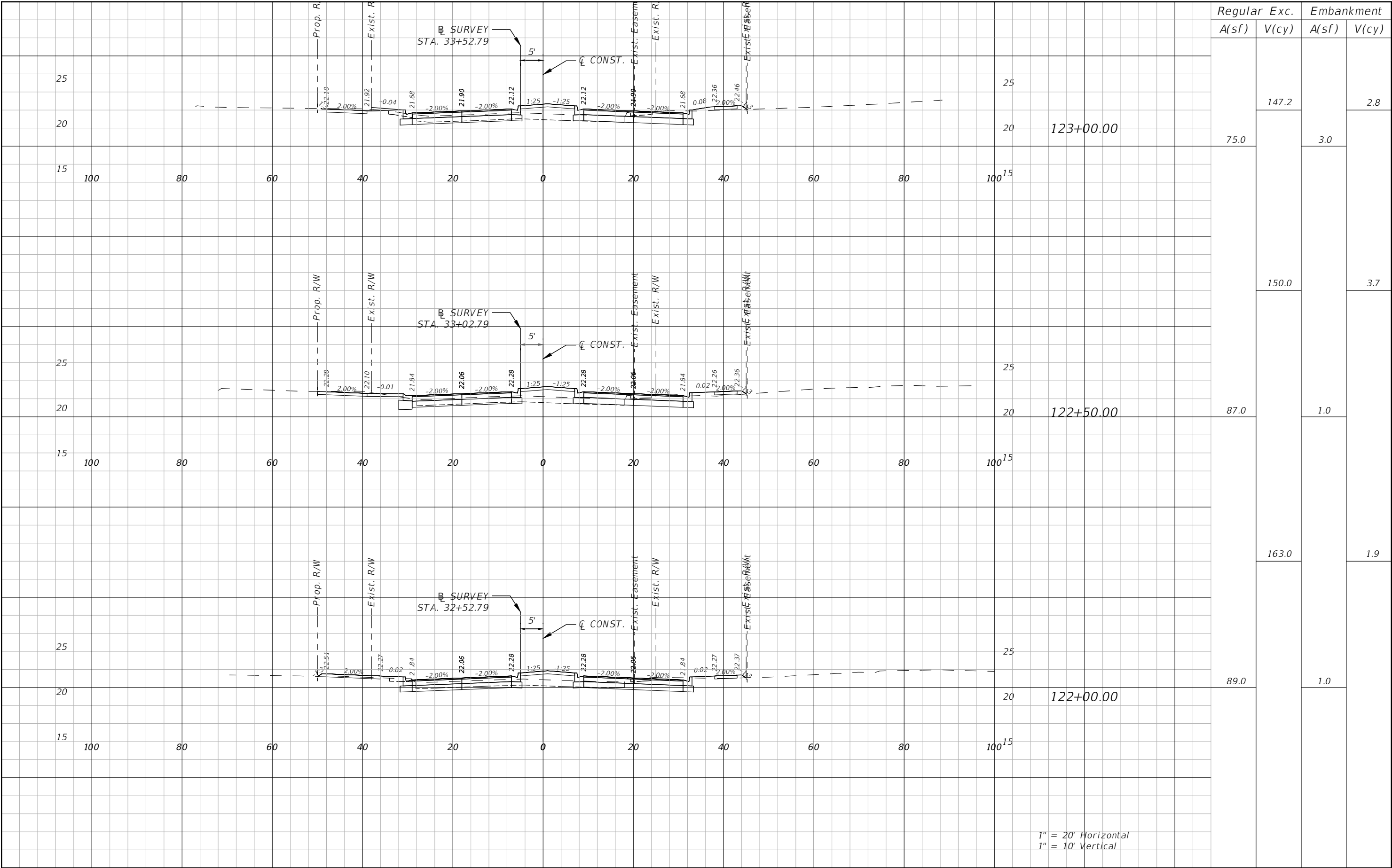
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (14)

SHEET
NO.

71

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Regular	Exc.	Embankment
A(sf)	V(cy)	A(sf) V(cy)

75.0	147.2	3.0	2.8
87.0	150.0	1.0	3.7
89.0	163.0	1.0	1.9

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

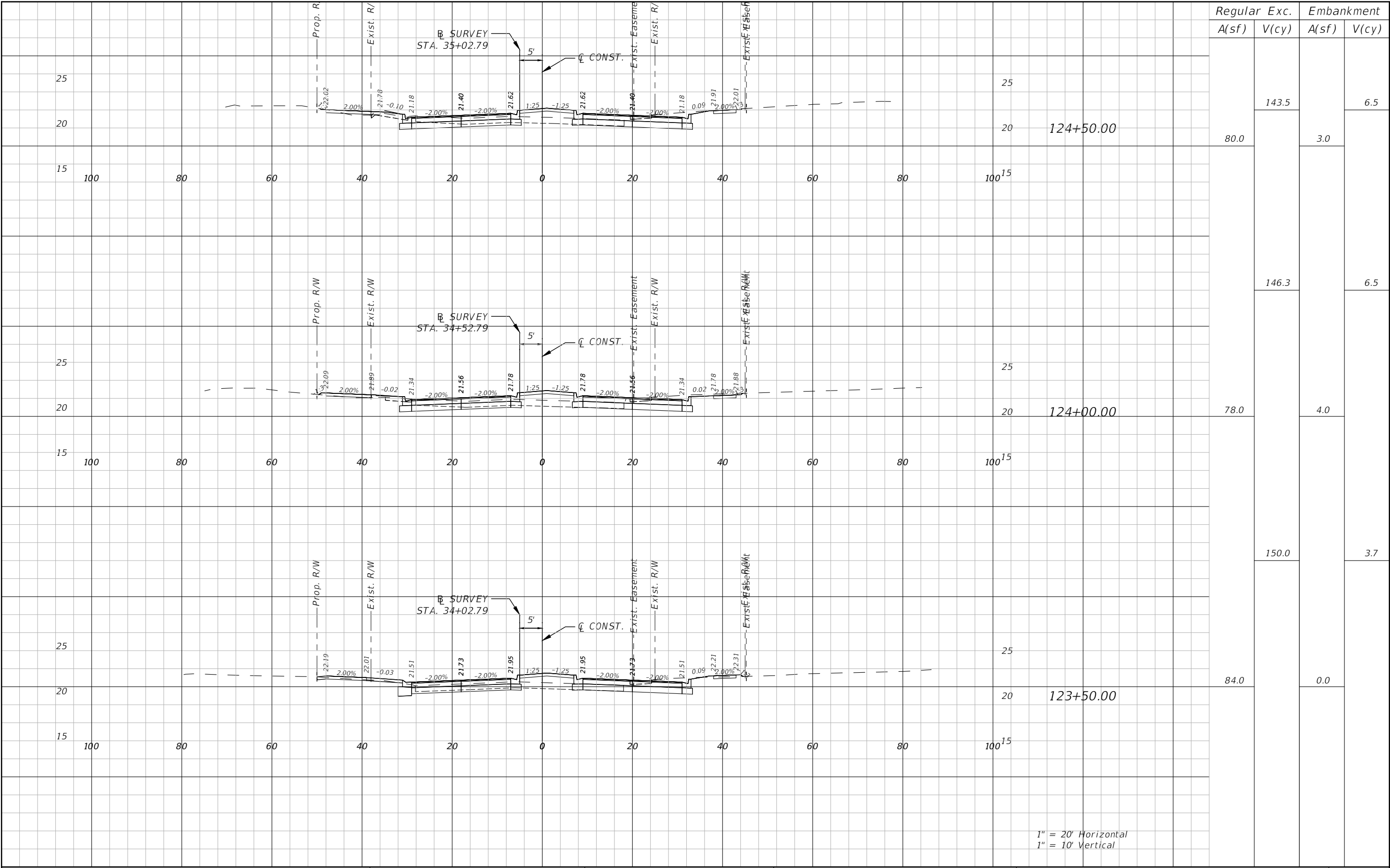


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (15)

SHEET
NO.
72

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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY				ROADWAY CROSS-SECTION (16)		73
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1" = 10' Vertical

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JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

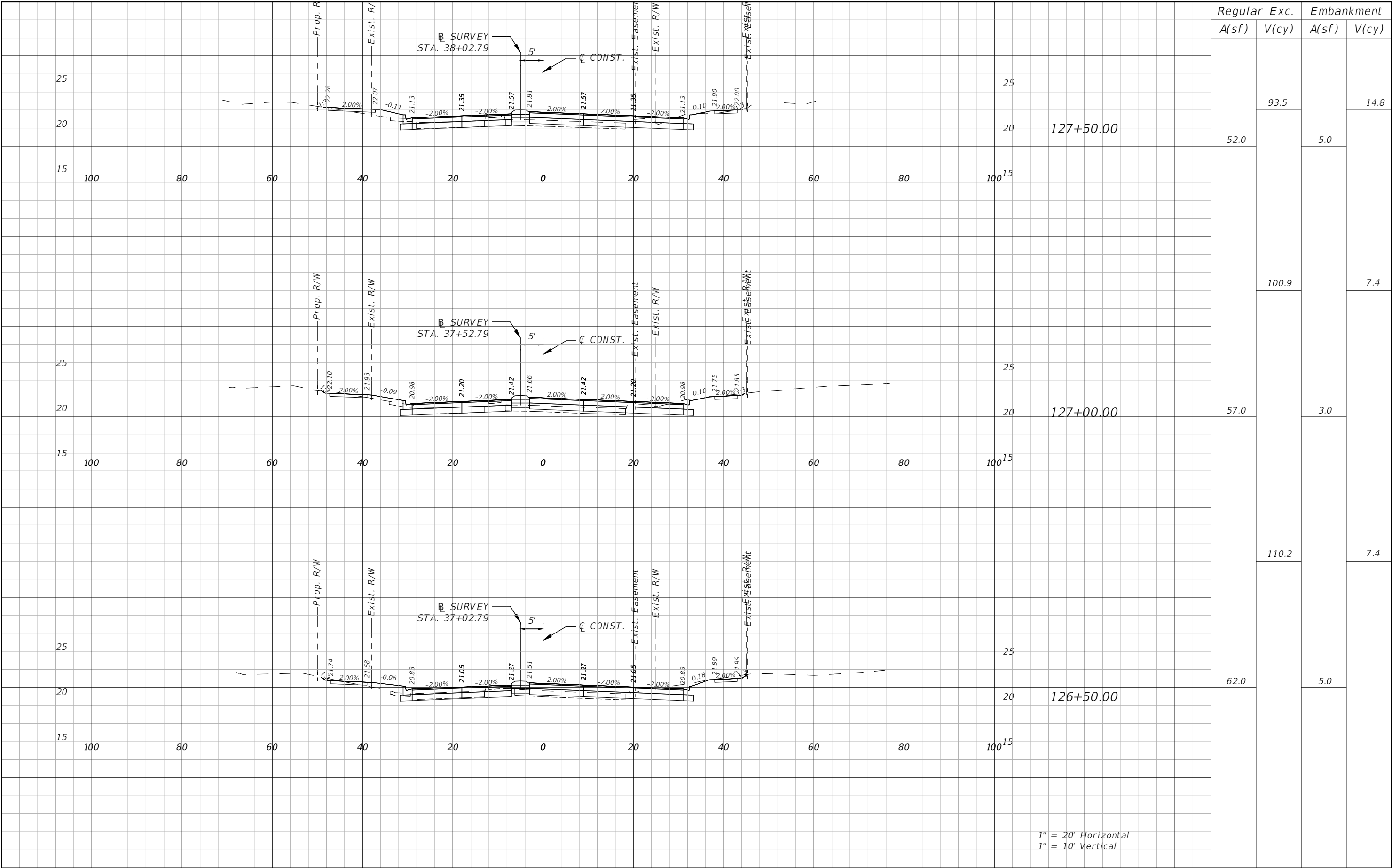


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (17)

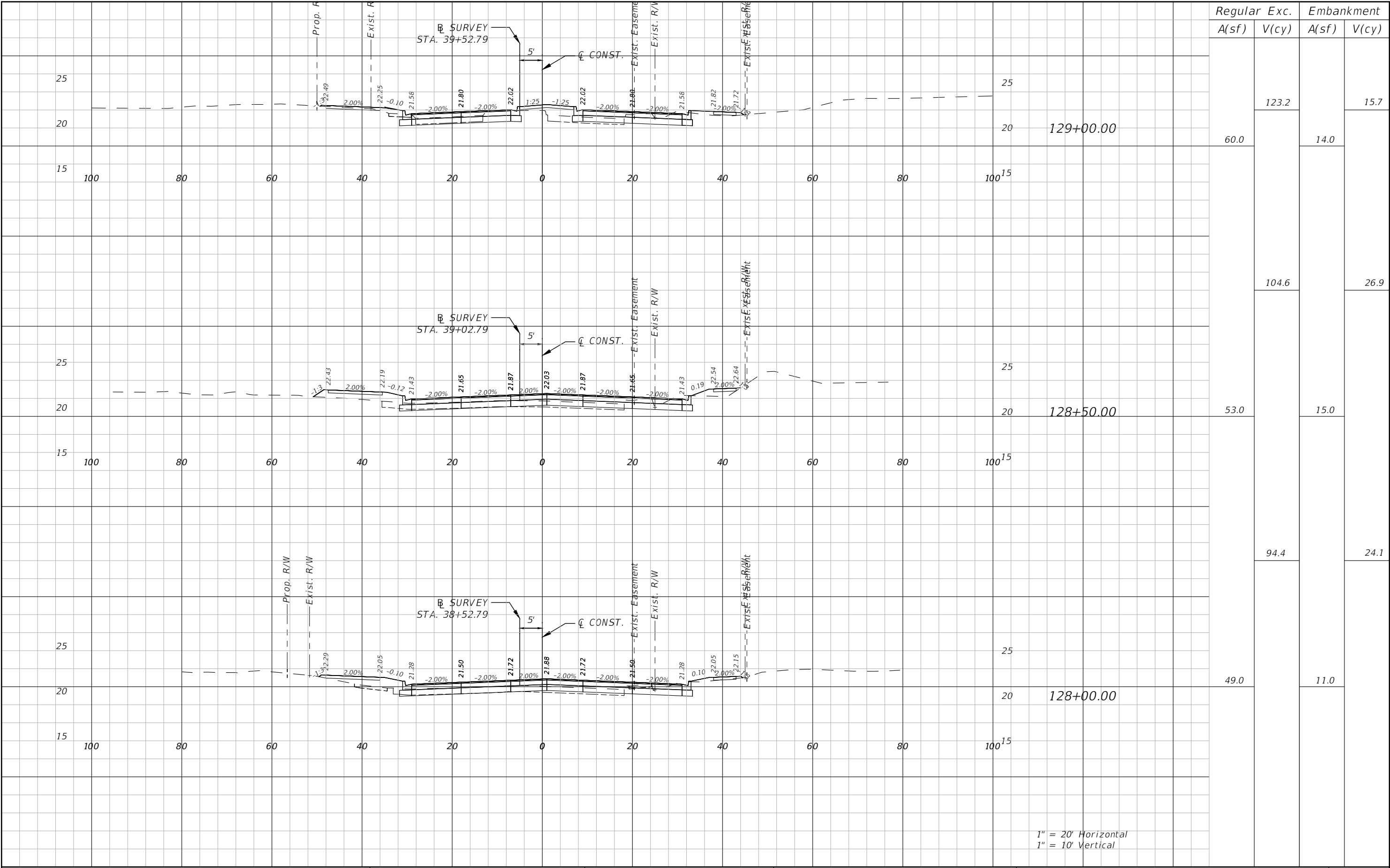
SHEET
NO.
74

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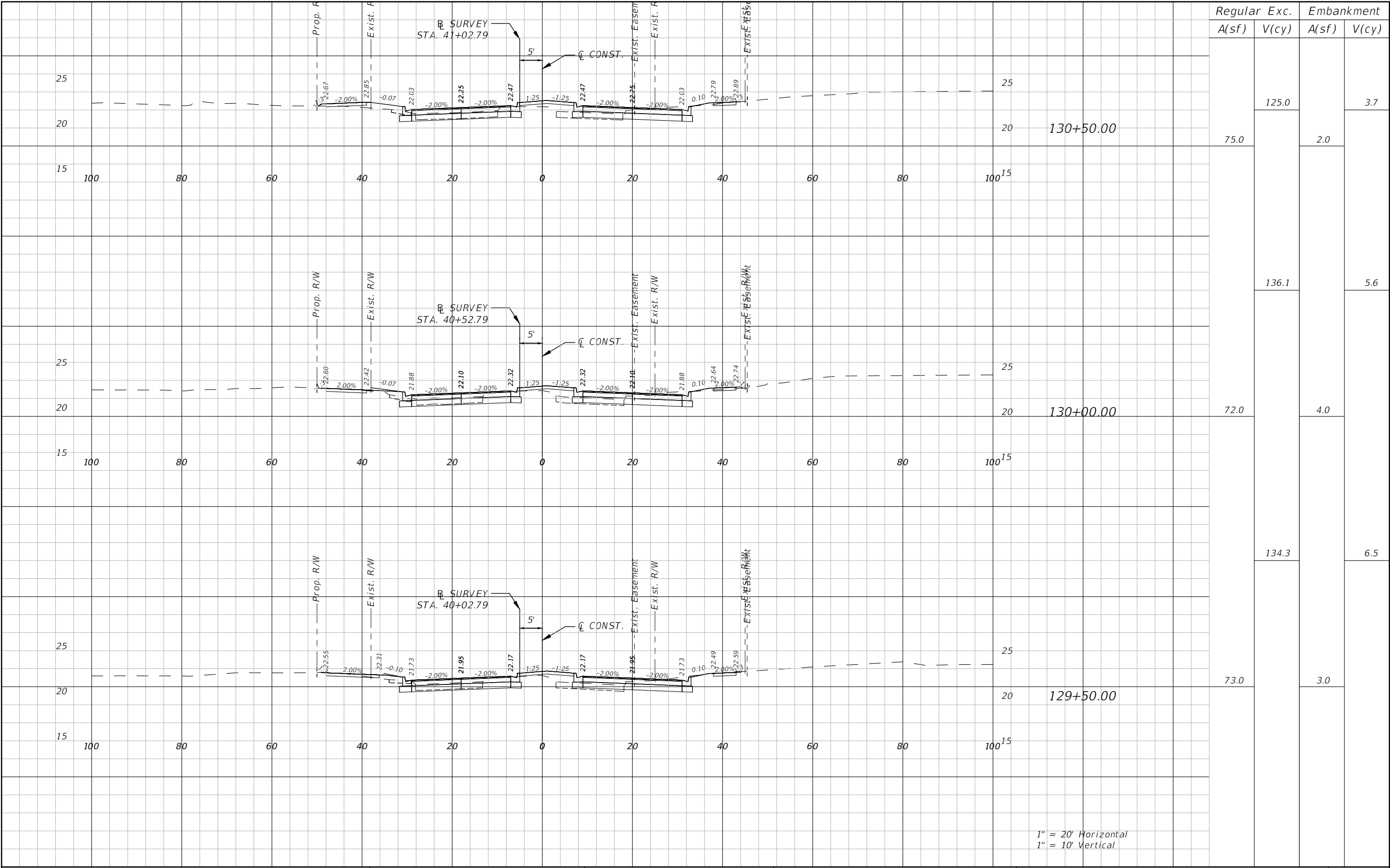
REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (18)		75
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



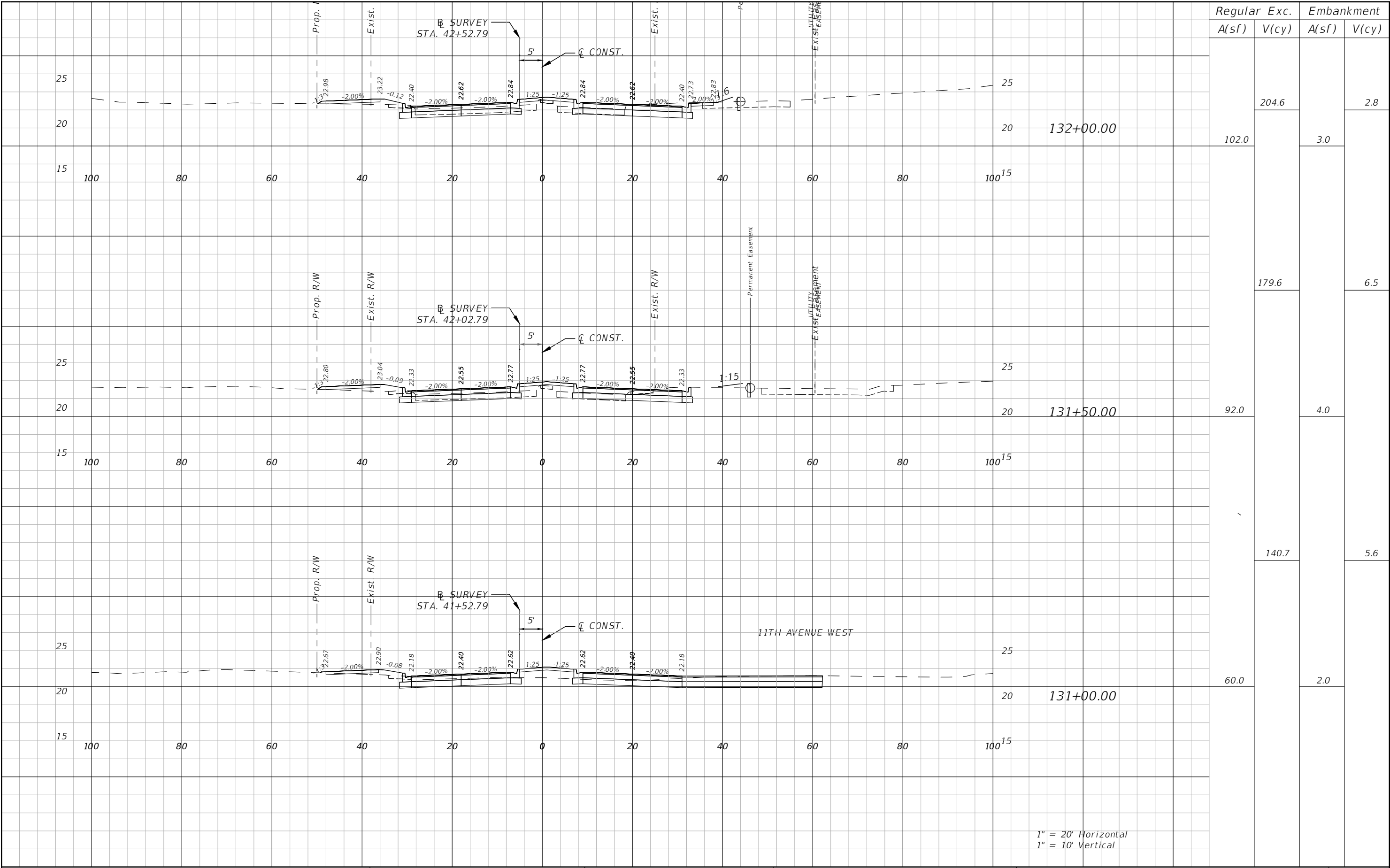
REVISIONS				 STANTEC CONSULTING SERVICES, INC.	JEREMY F. RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY				ROADWAY CROSS-SECTION (19)		76
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



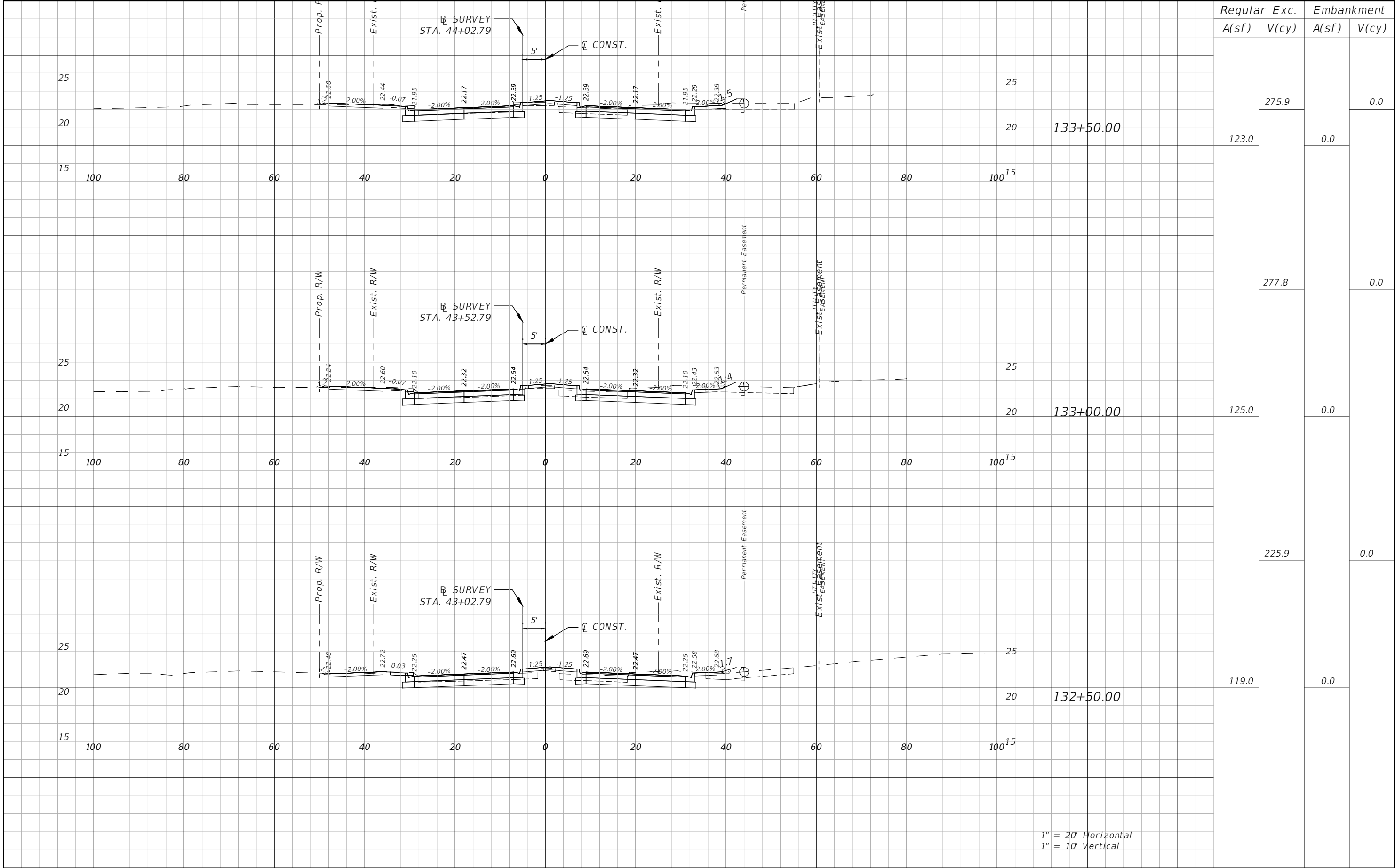
REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (20)		77
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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (21)		78
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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

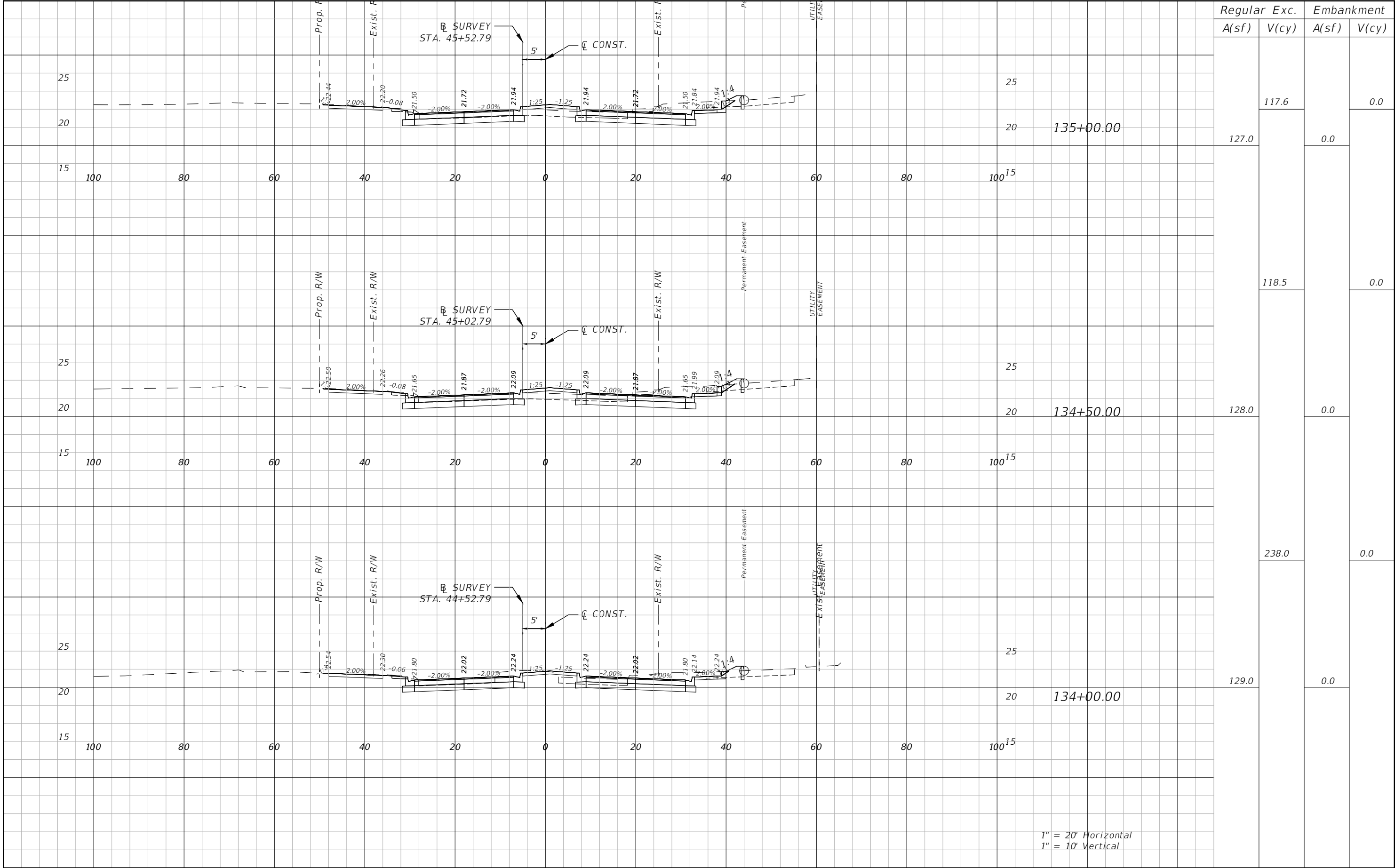


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

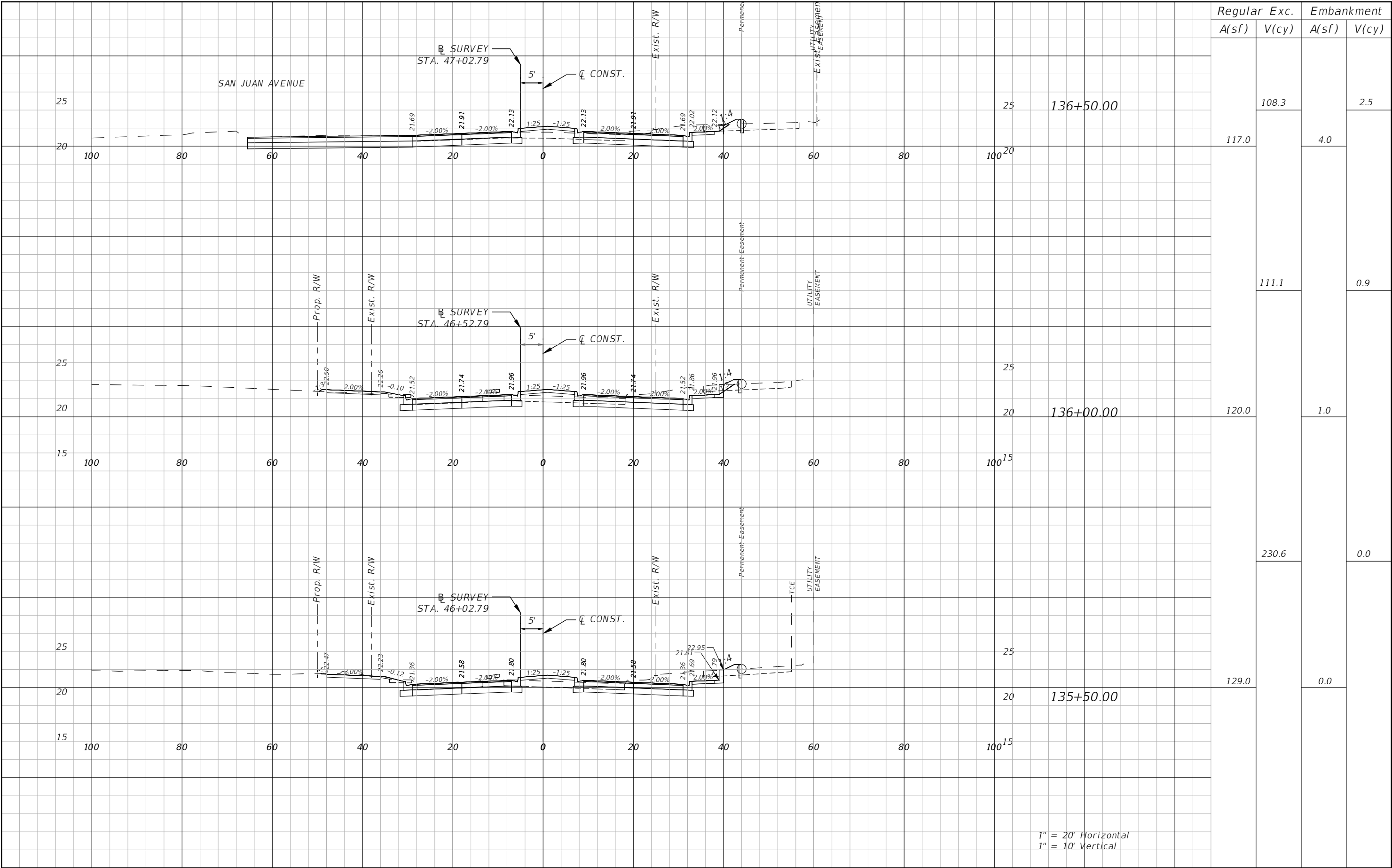
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (22)

SHEET
NO.
79

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

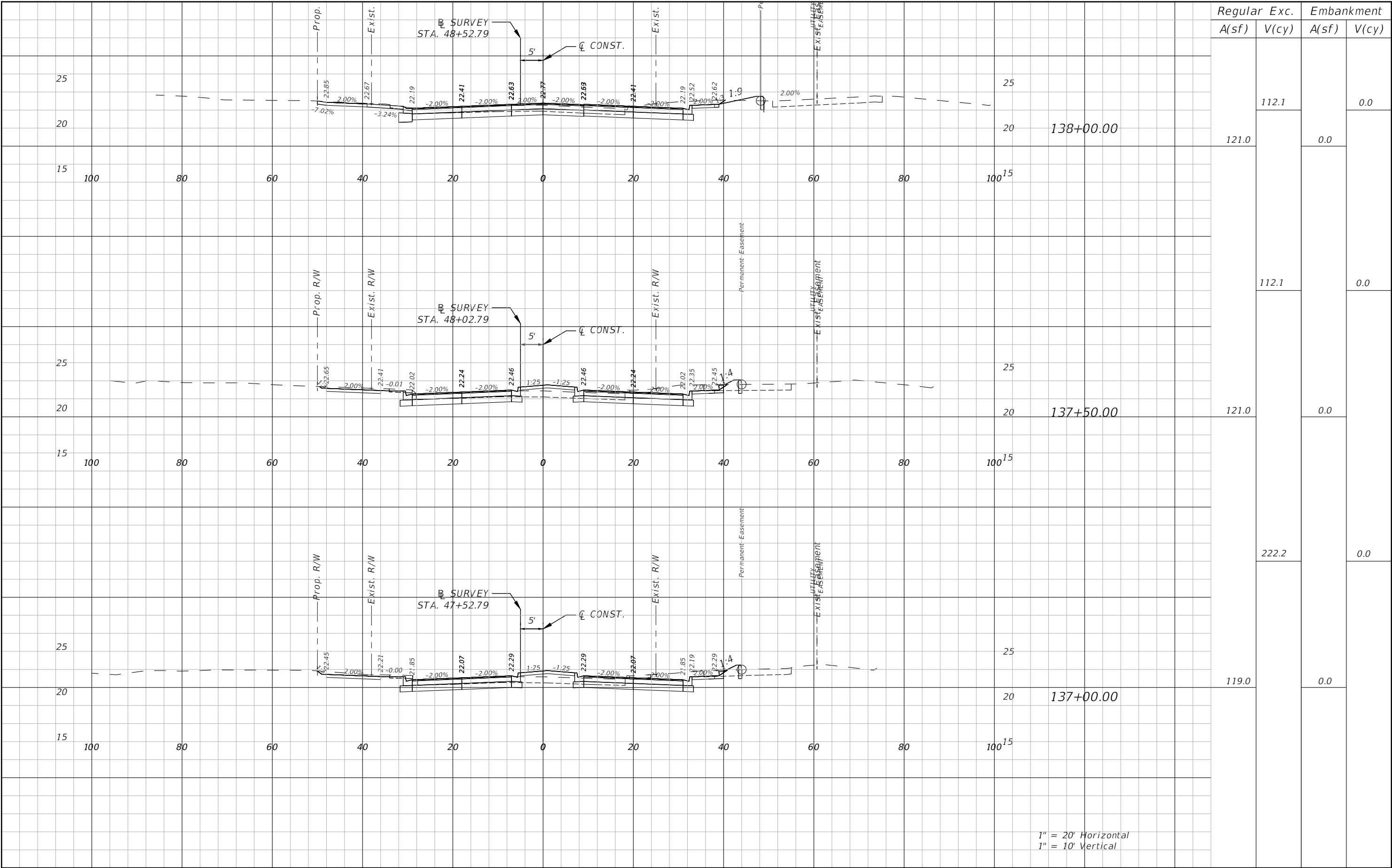


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (24)

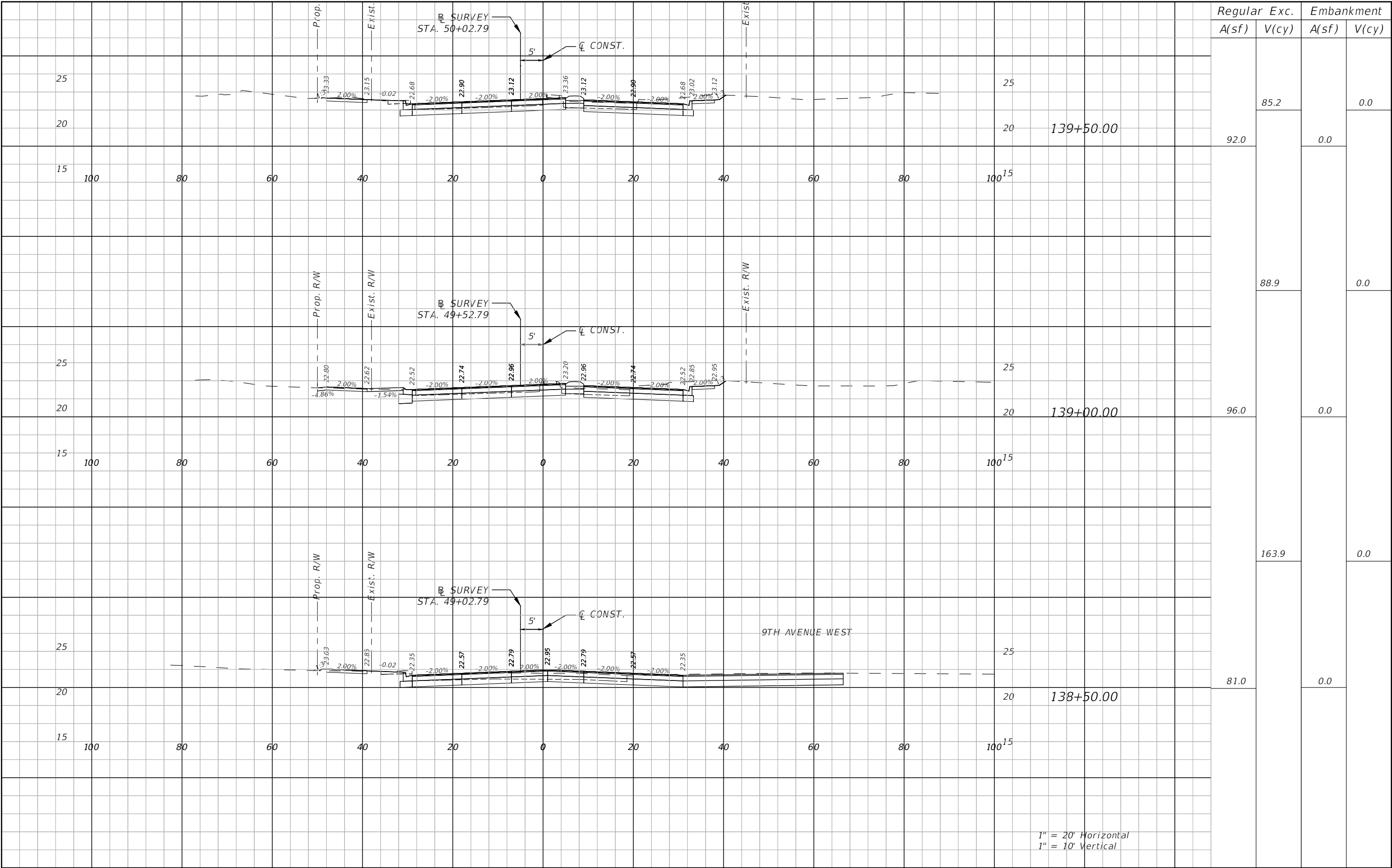
SHEET
NO.
81

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



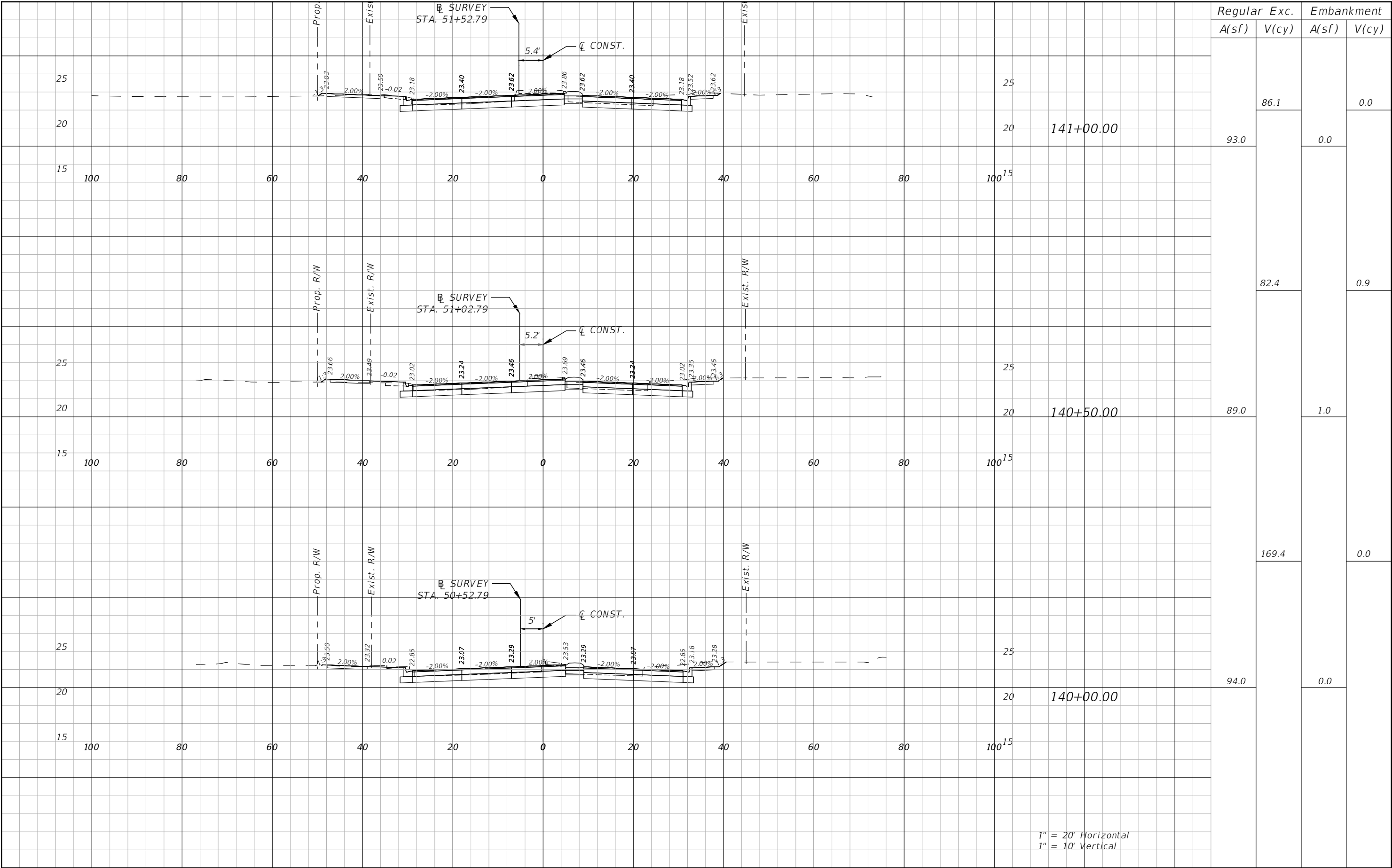
REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (25)		82
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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (26)		83
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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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STANTEC CONSULTING SERVICES, INC.

JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

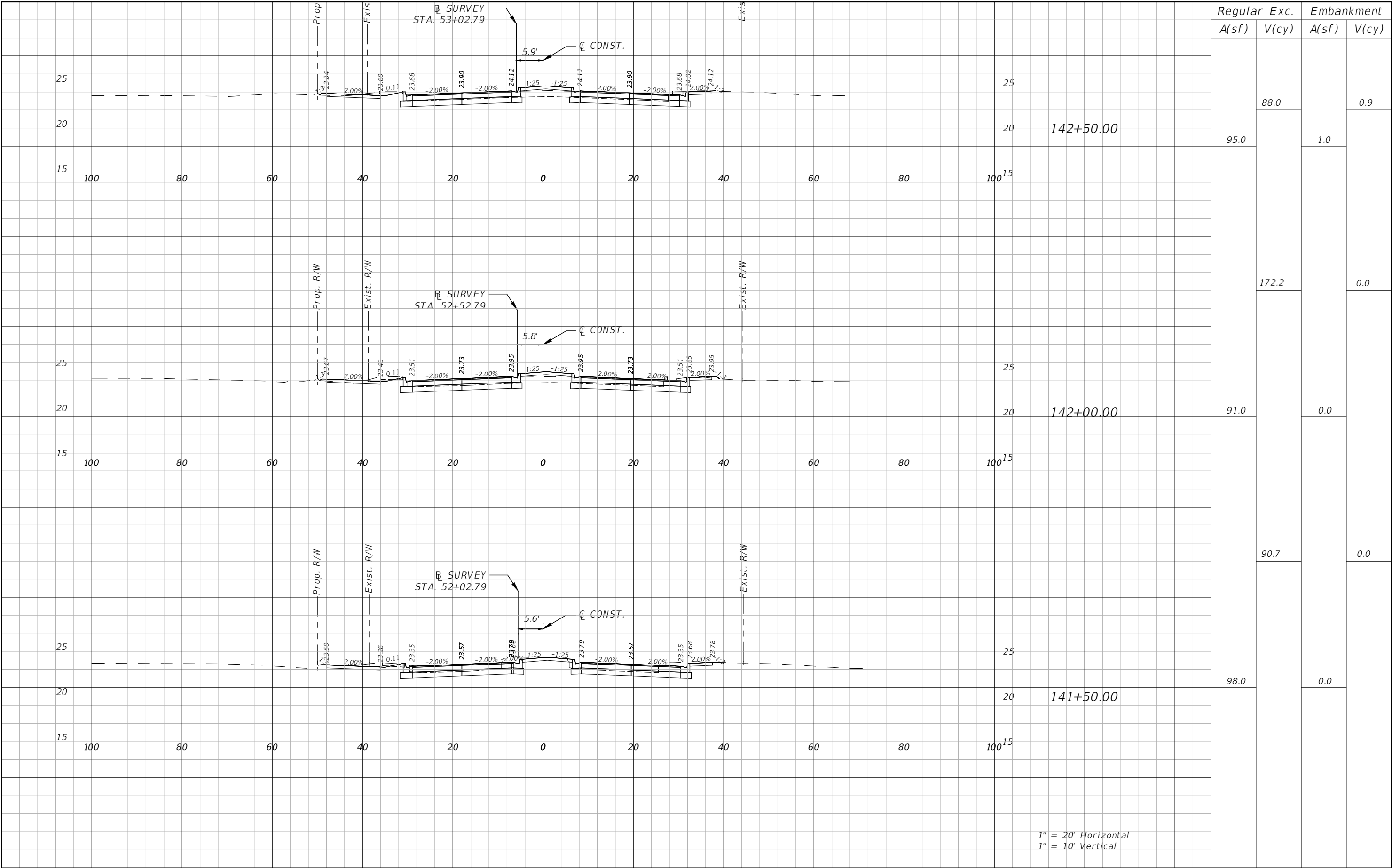


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (27)

SHEET
NO.
84

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



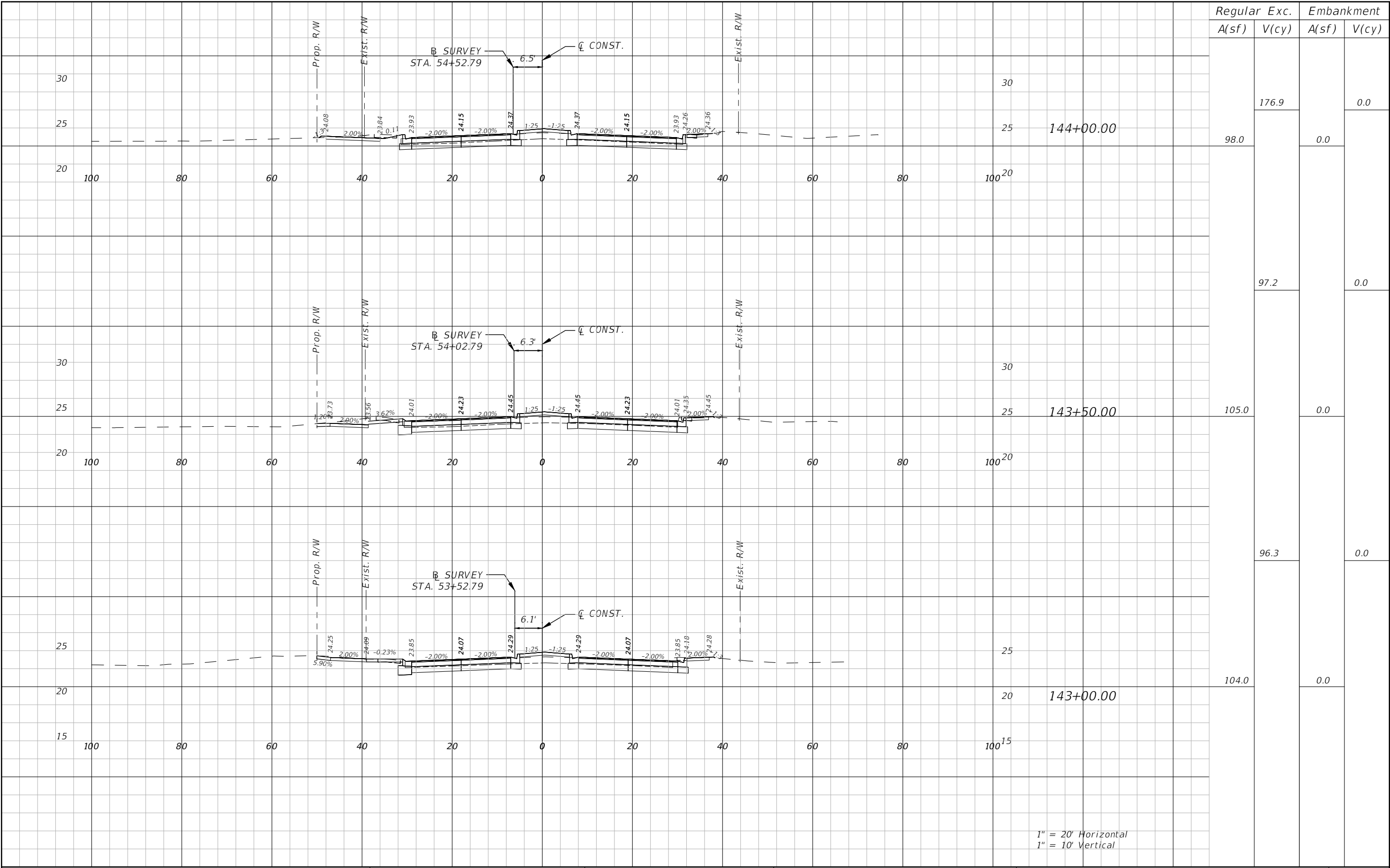
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

ROADWAY CROSS-SECTION (28)

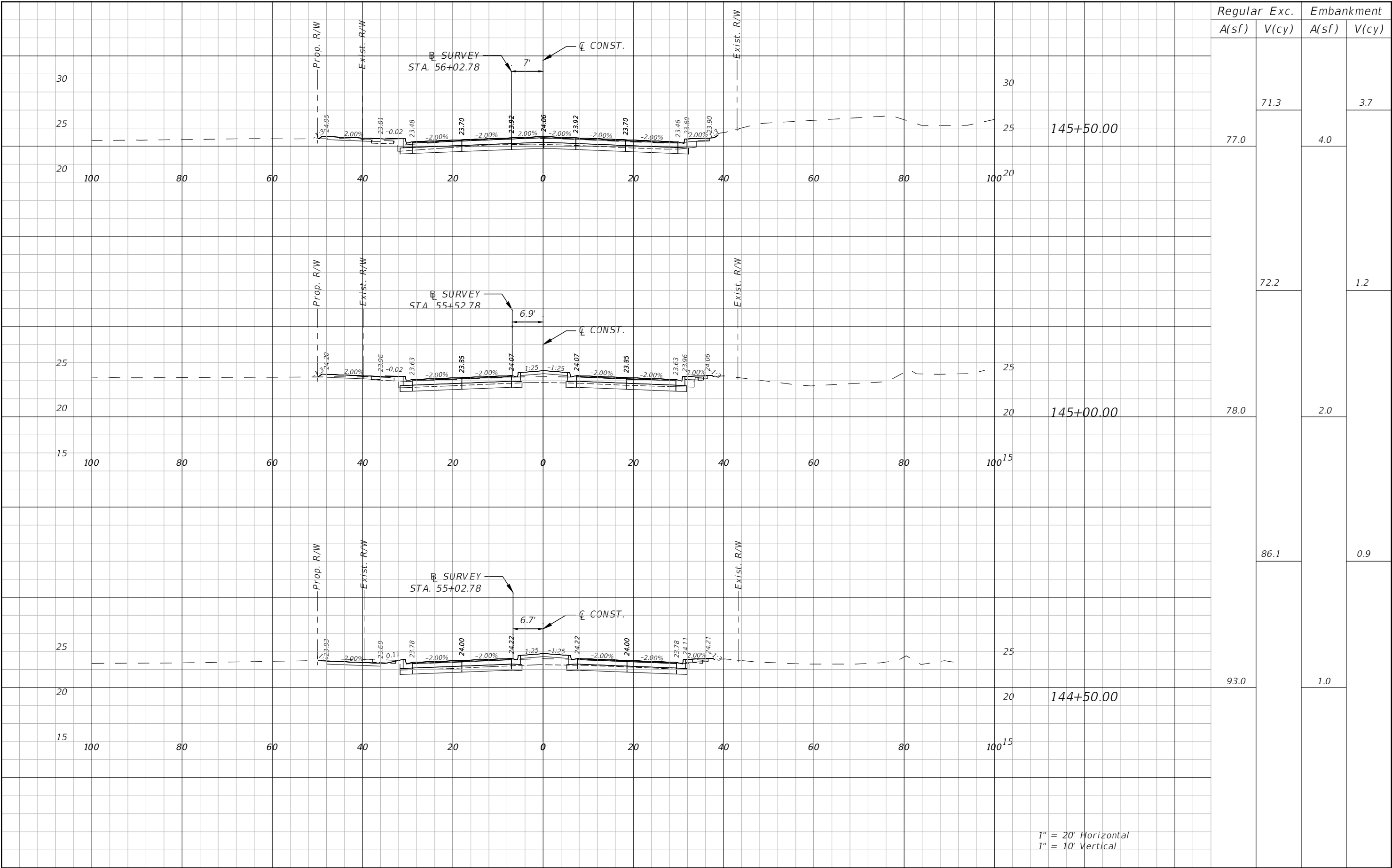
SHEET NO.
85

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



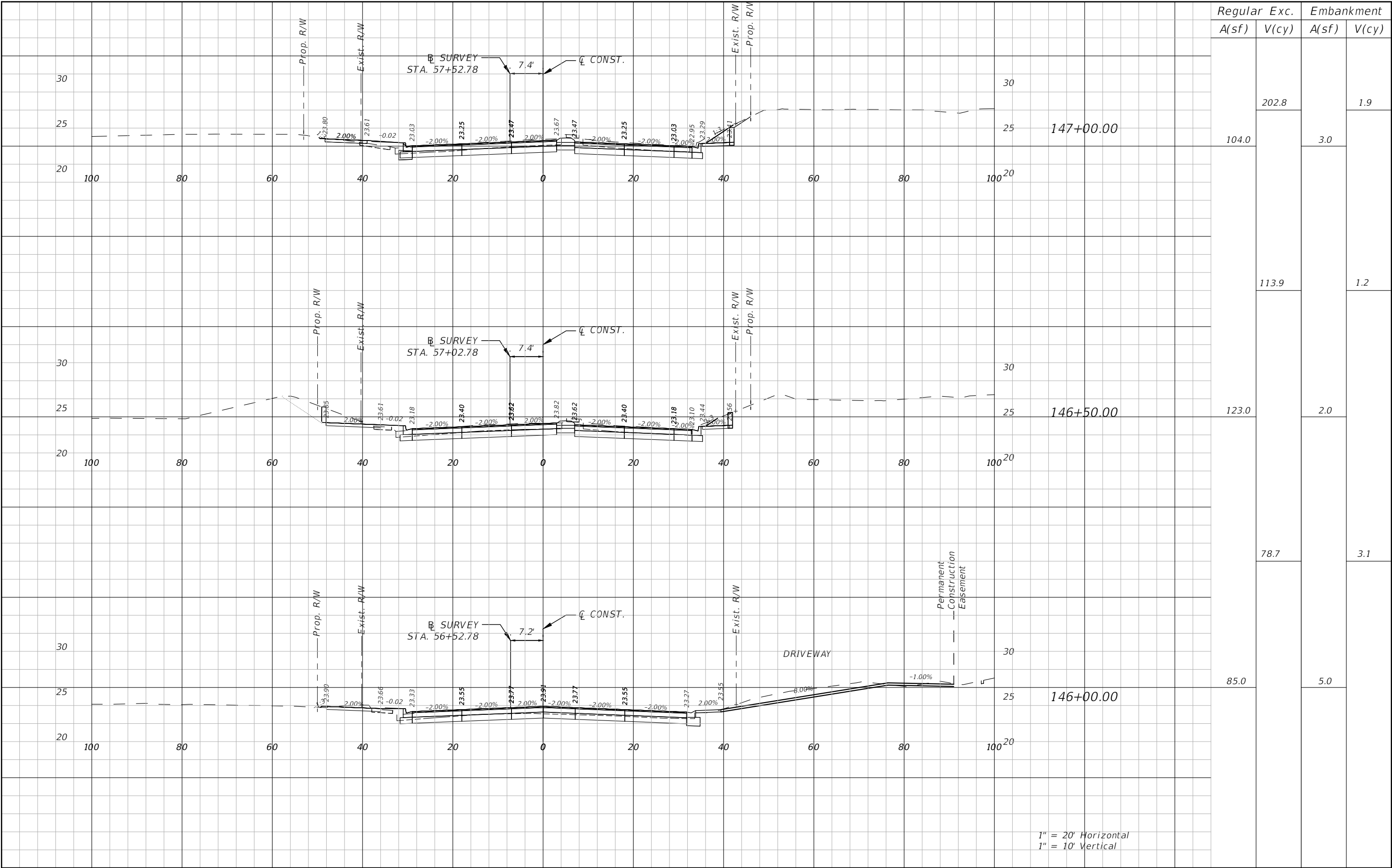
REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 Manatee County FLORIDA MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (29)		86
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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			ROADWAY CROSS-SECTION (30)		87
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.	Embankment	
A(sf)	V(cy)		A(sf)	V(cy)

104.0	202.8	3.0	1.9
	113.9		
	78.7	5.0	3.1

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY F. RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

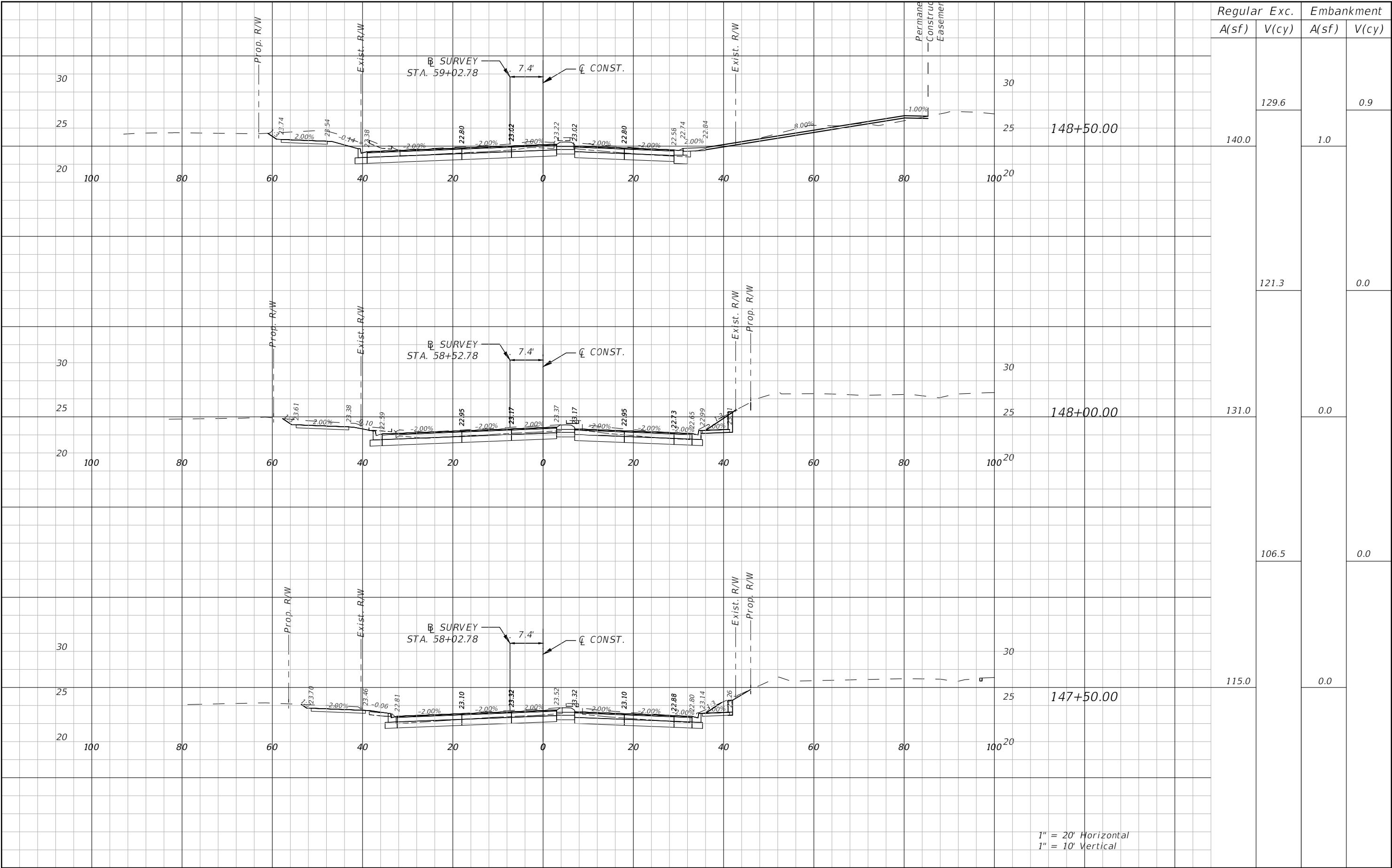


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (31)

SHEET
NO.
88

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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

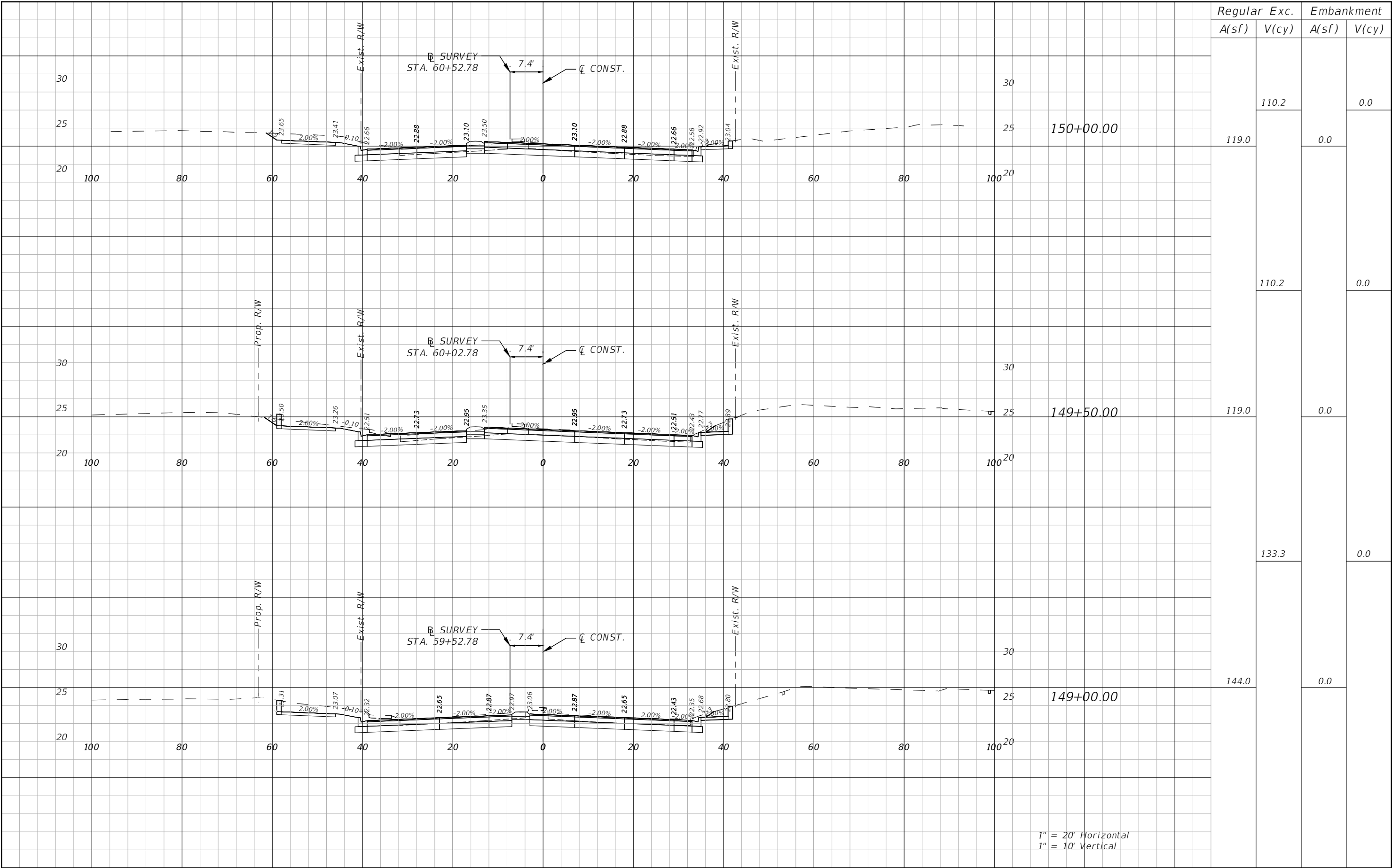


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (32)

SHEET
NO.
89

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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



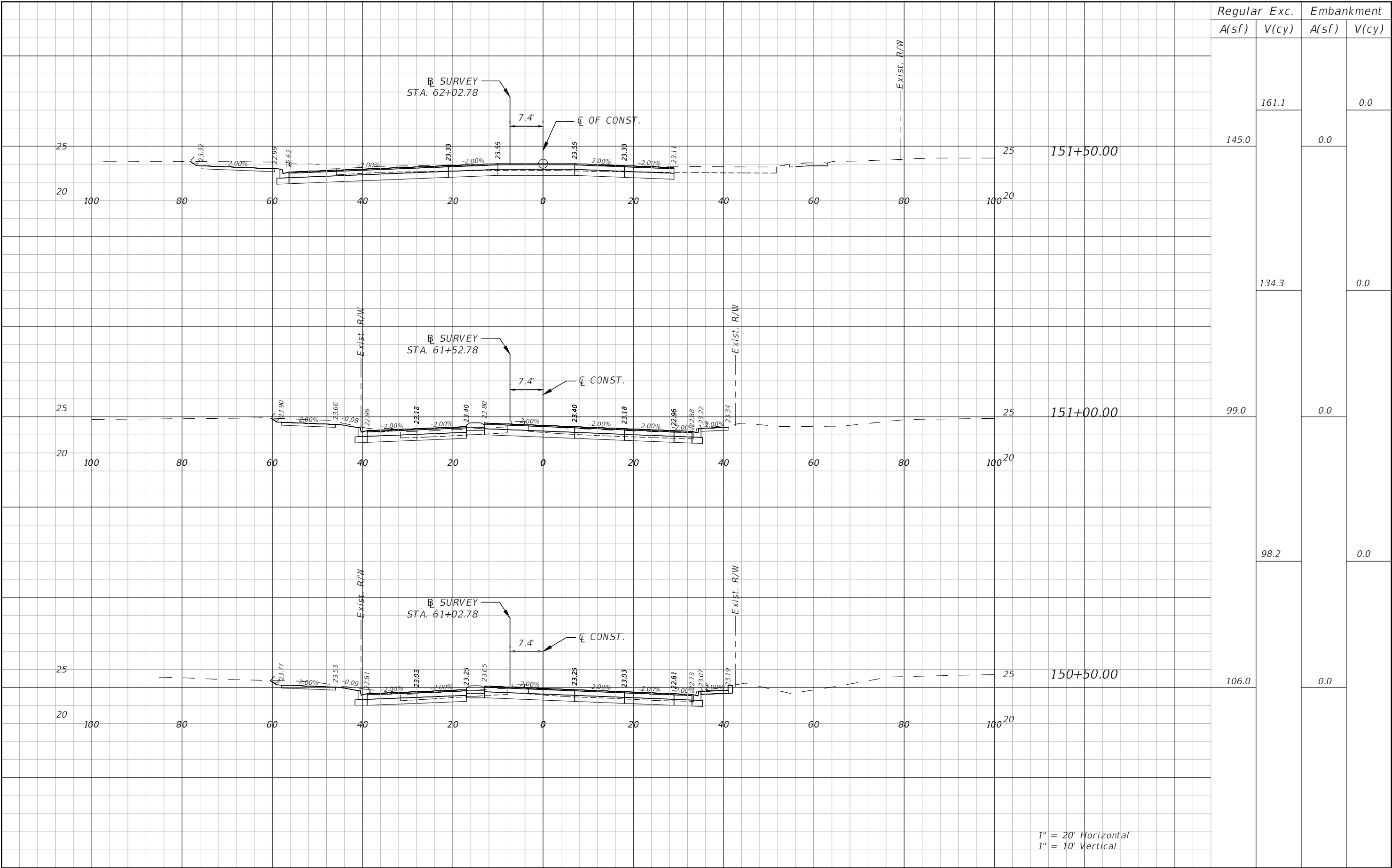
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

ROADWAY CROSS-SECTION (33)

SHEET NO.
90

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular	Exc.	Embankment	
A(sf)	V(cy)	A(sf)	V(cy)

145.0	161.1	0.0	0.0
134.3		0.0	0.0
99.0		0.0	0.0
98.2		0.0	0.0
106.0		0.0	0.0

1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

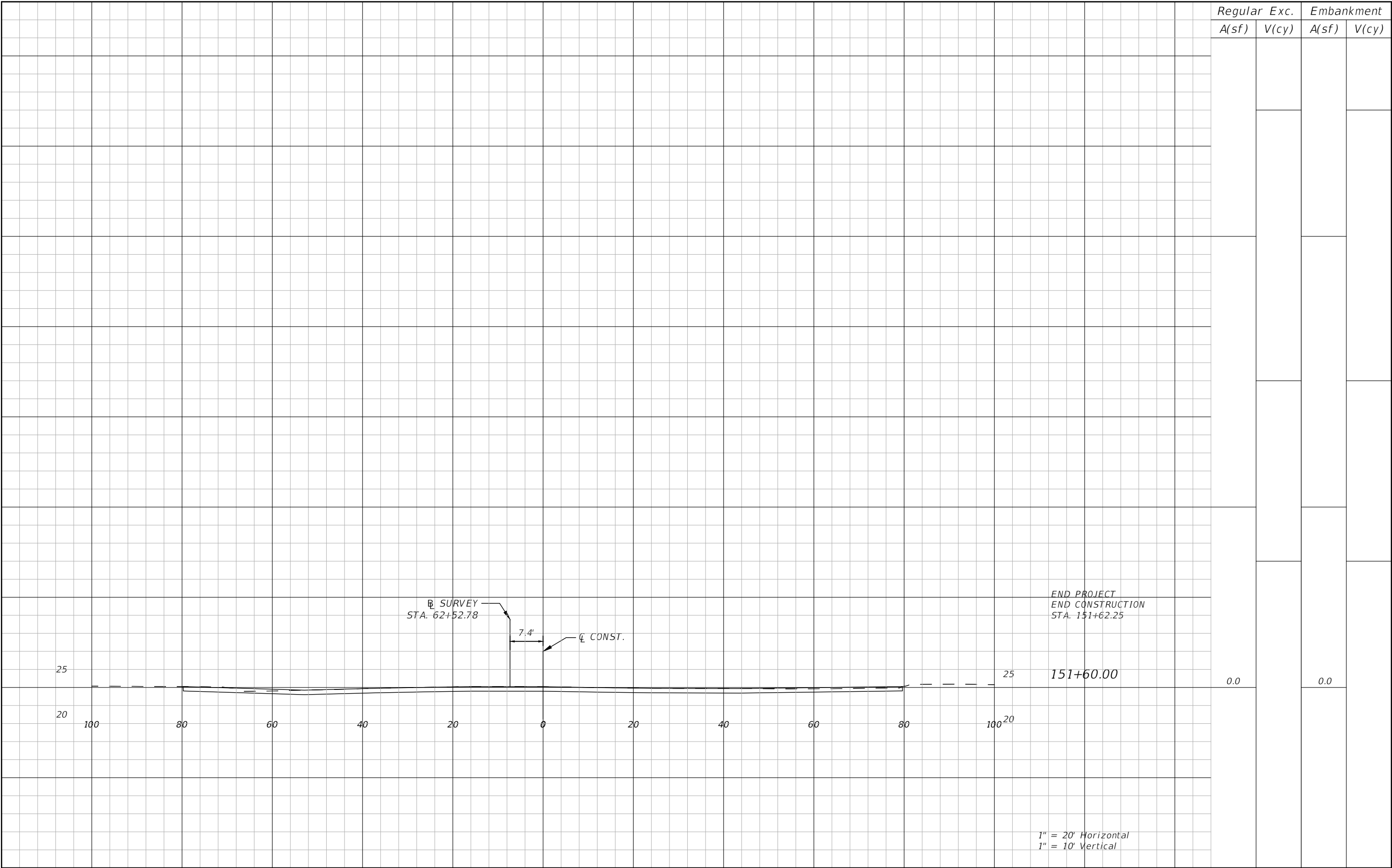


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
ROADWAY CROSS-SECTION (34)

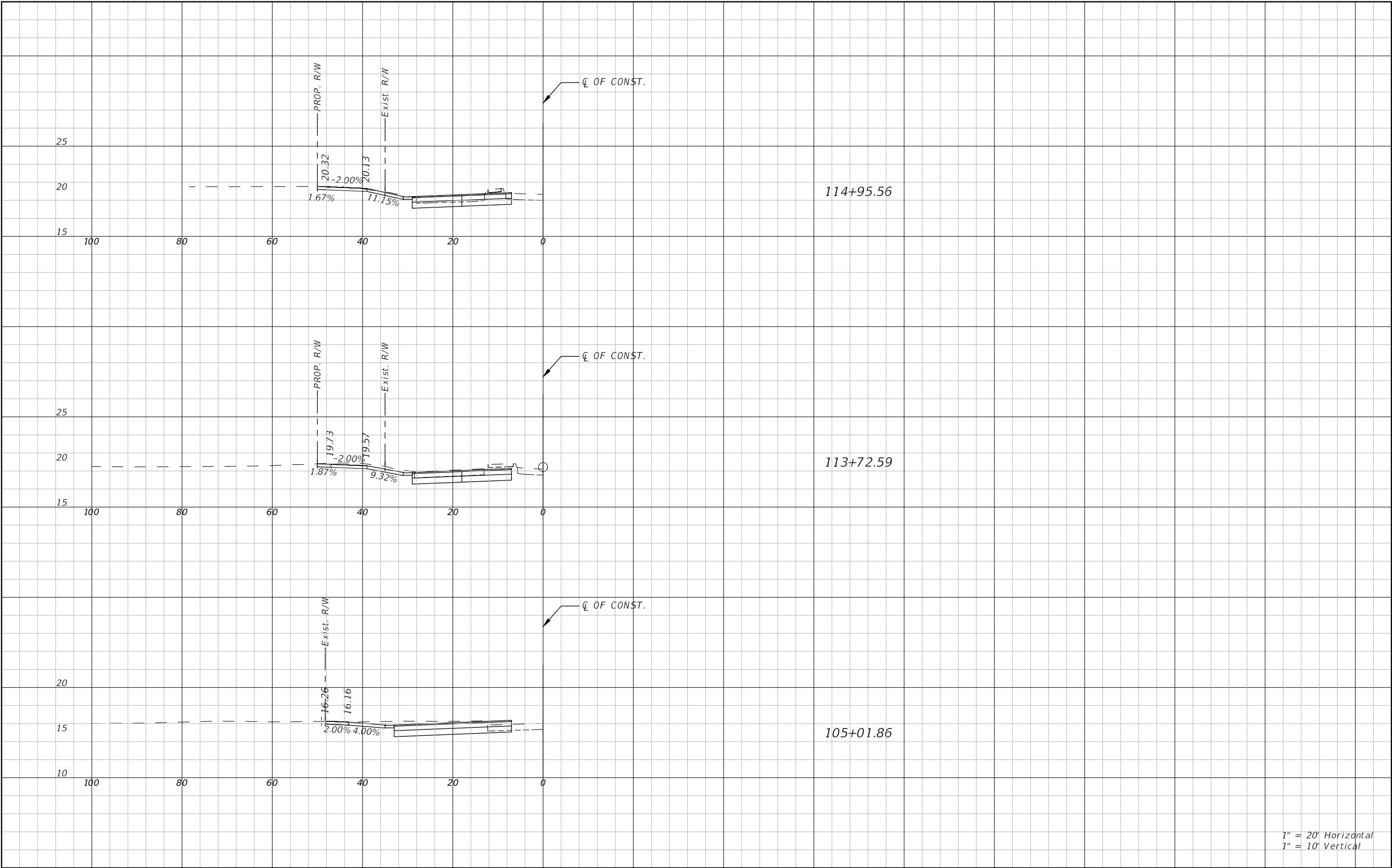
SHEET NO.
91

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS <table><tr><th>NO.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th></tr><tr><td>---</td><td>---</td><td></td><td></td></tr></table>				NO.	DESCRIPTION	DATE	BY	---	---			 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY F. RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) ROADWAY CROSS-SECTION (35)	SHEET NO. 92
NO.	DESCRIPTION	DATE	BY													
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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

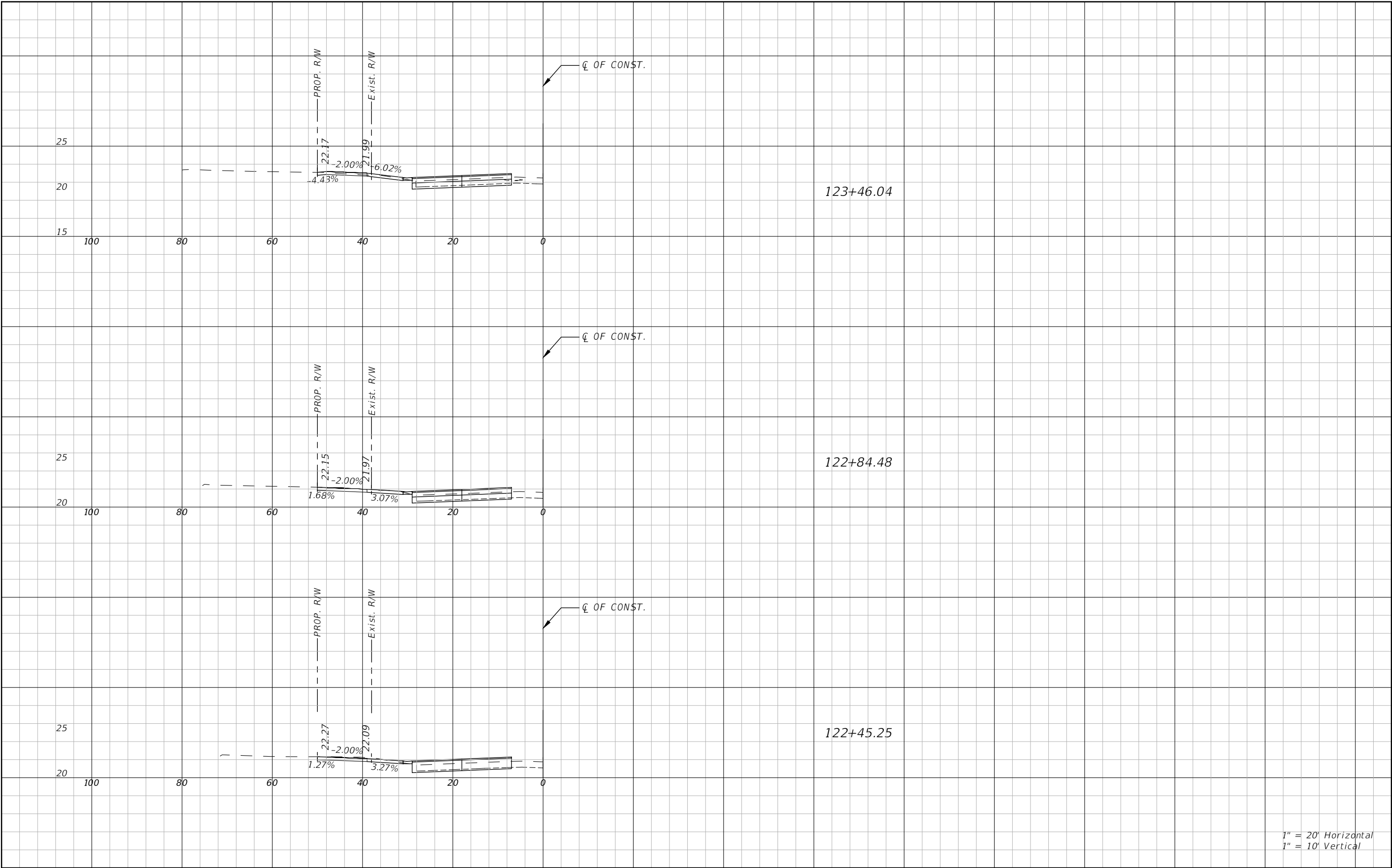


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (1)

SHEET
NO.
93

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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

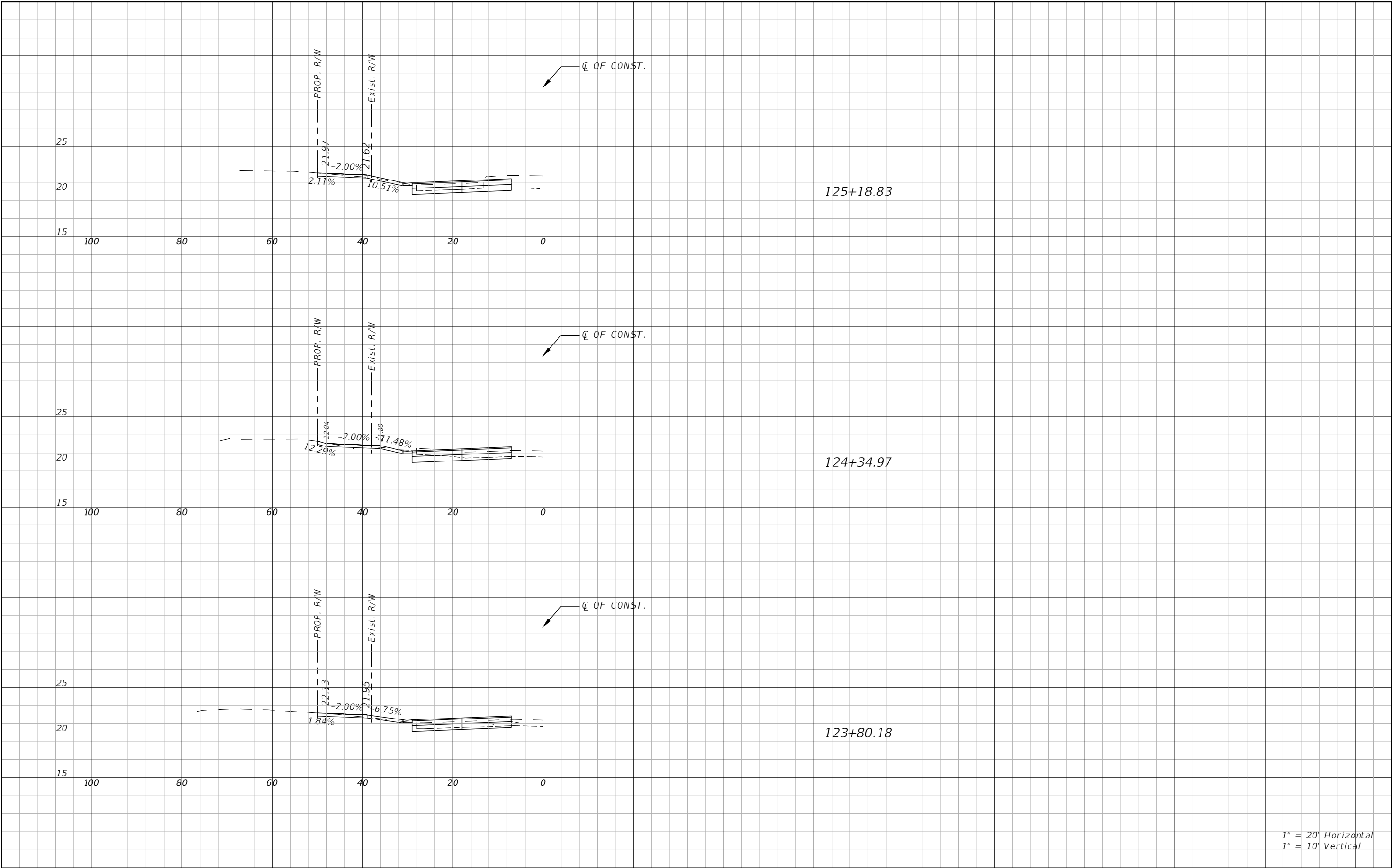


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (2)

SHEET
NO.
94

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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STANTEC CONSULTING SERVICES, INC.

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

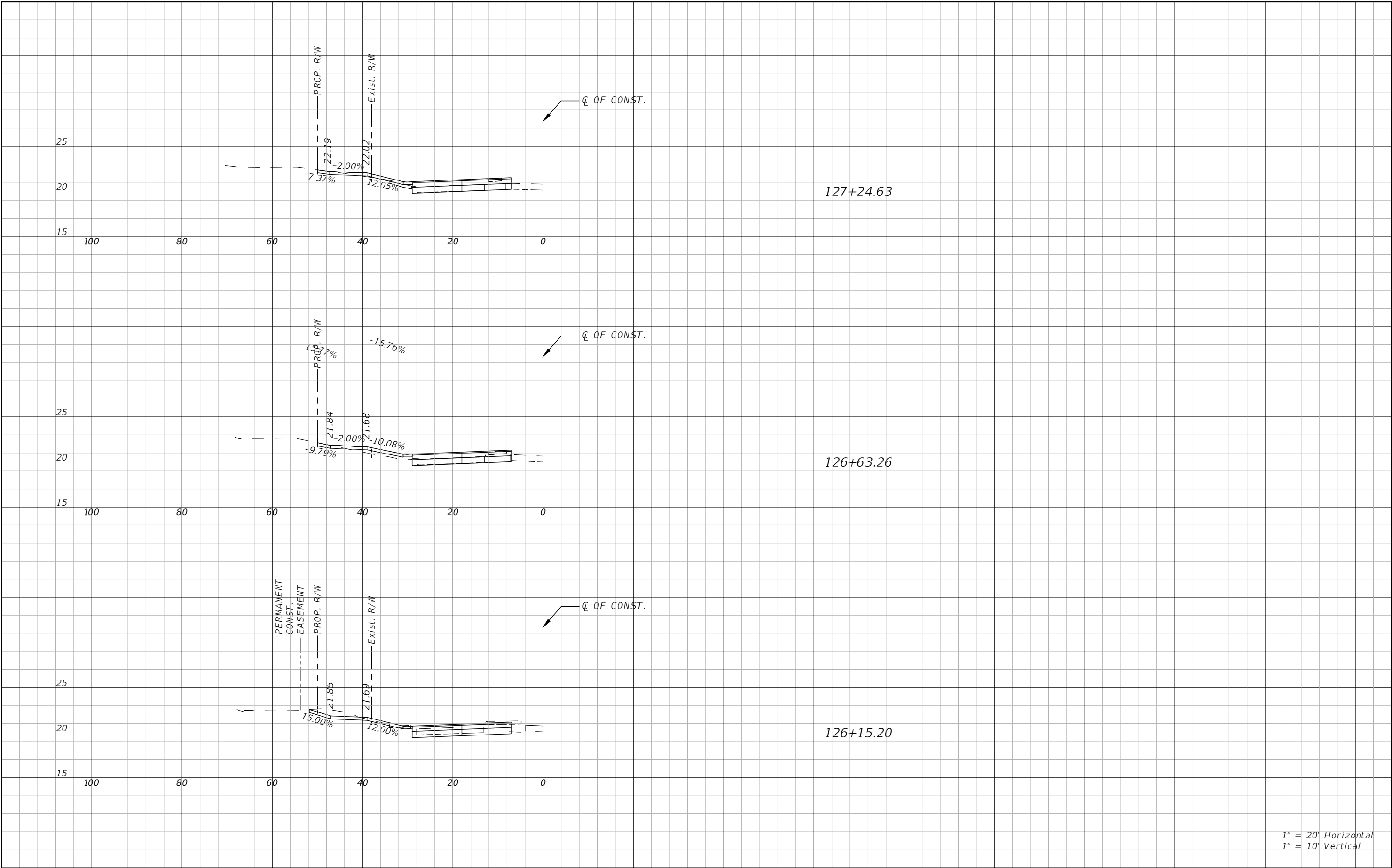


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (3)

SHEET
NO.
95

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

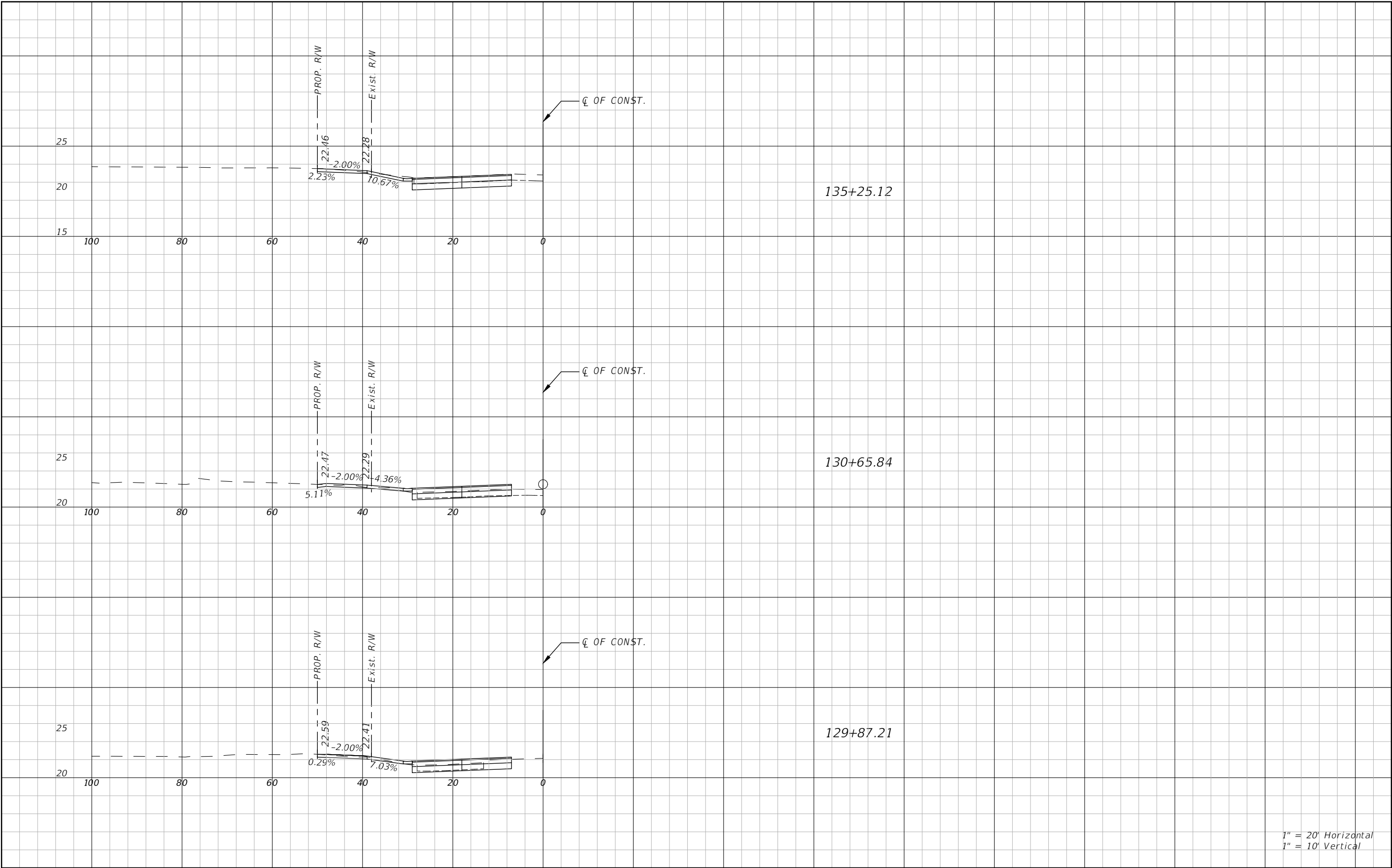


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (4)

SHEET
NO.
96

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

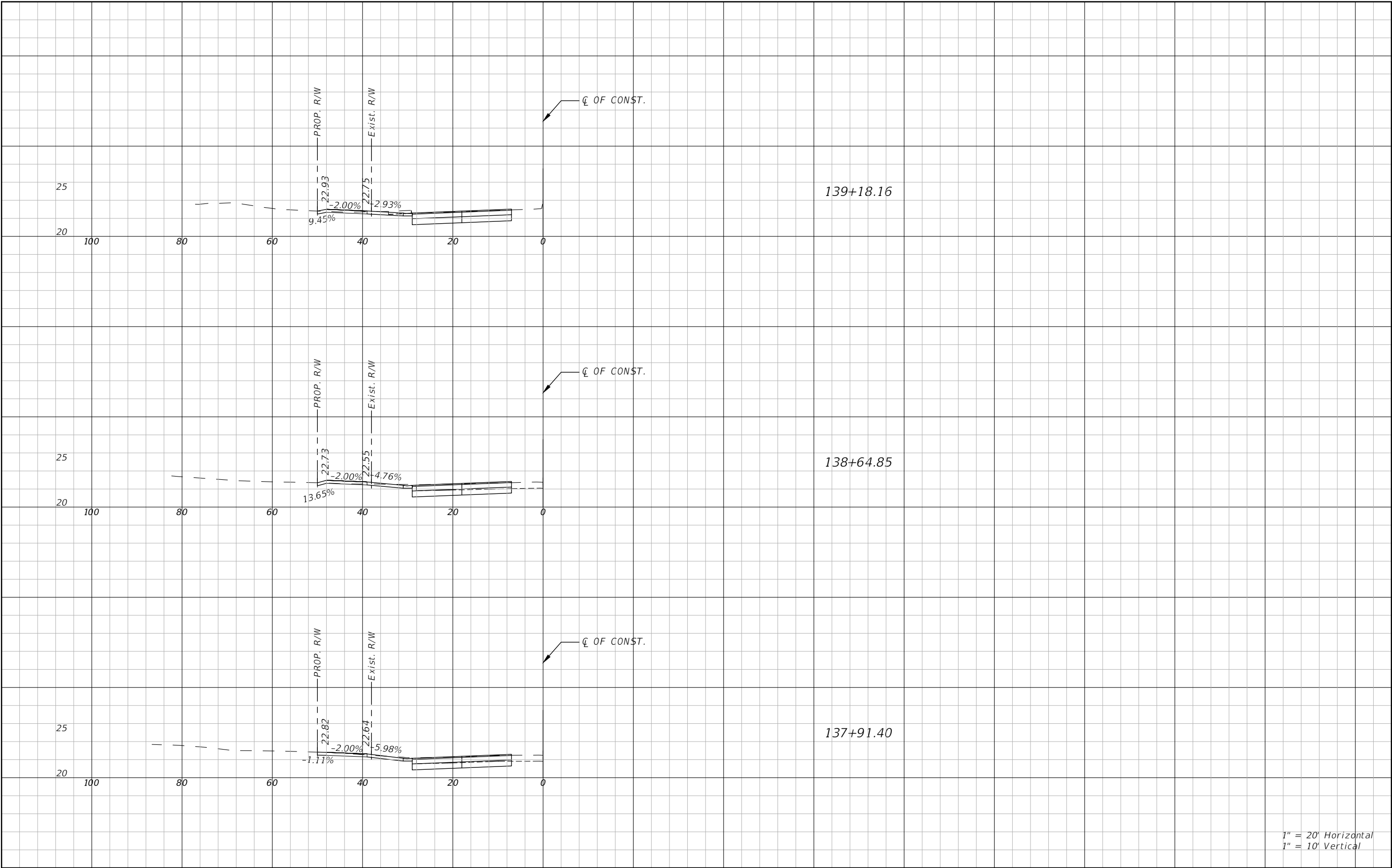


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (5)

SHEET
NO.
97

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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

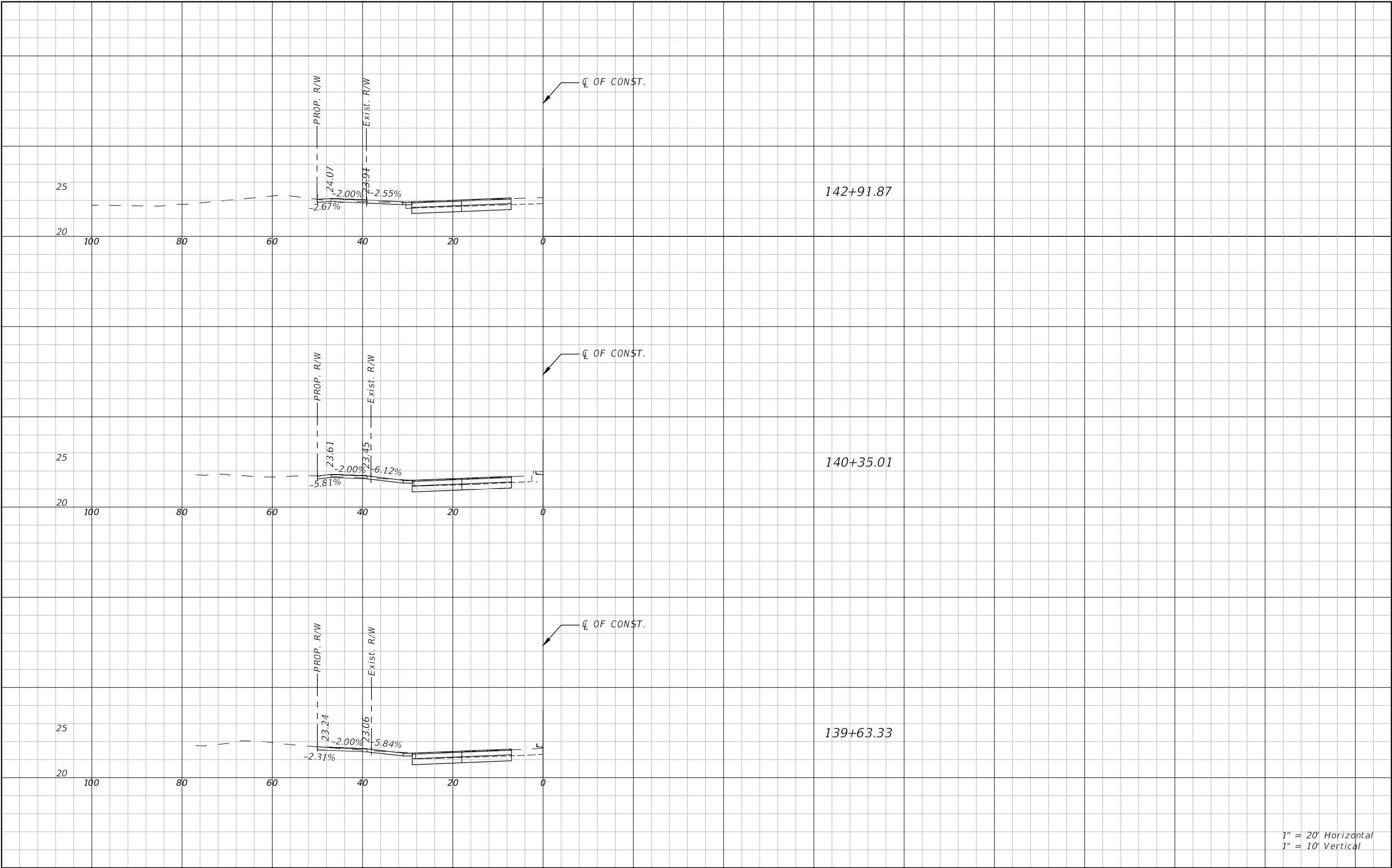


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (6)

SHEET
NO.
98

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1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727)531-3505

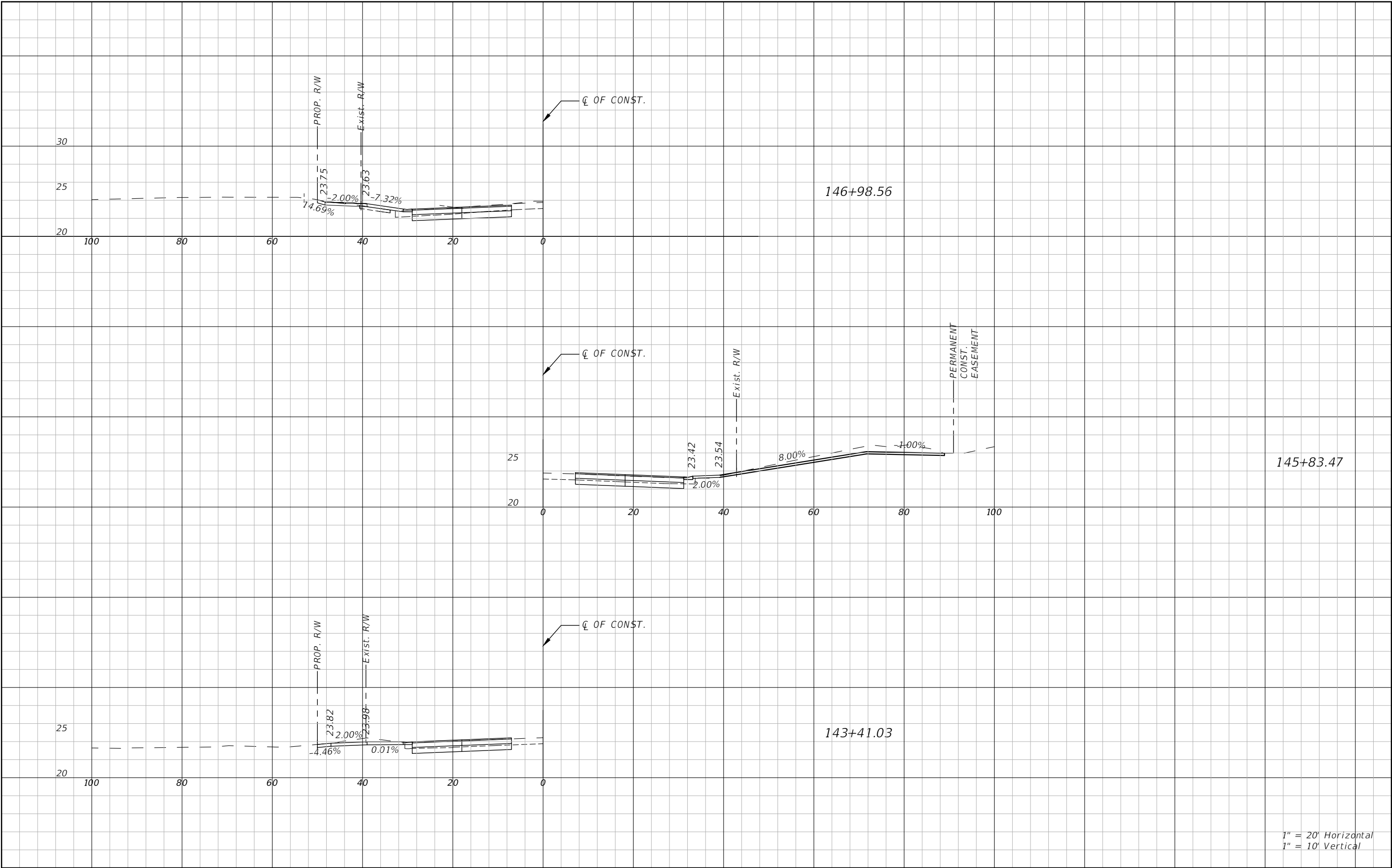


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (7)

SHEET
NO.
99

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

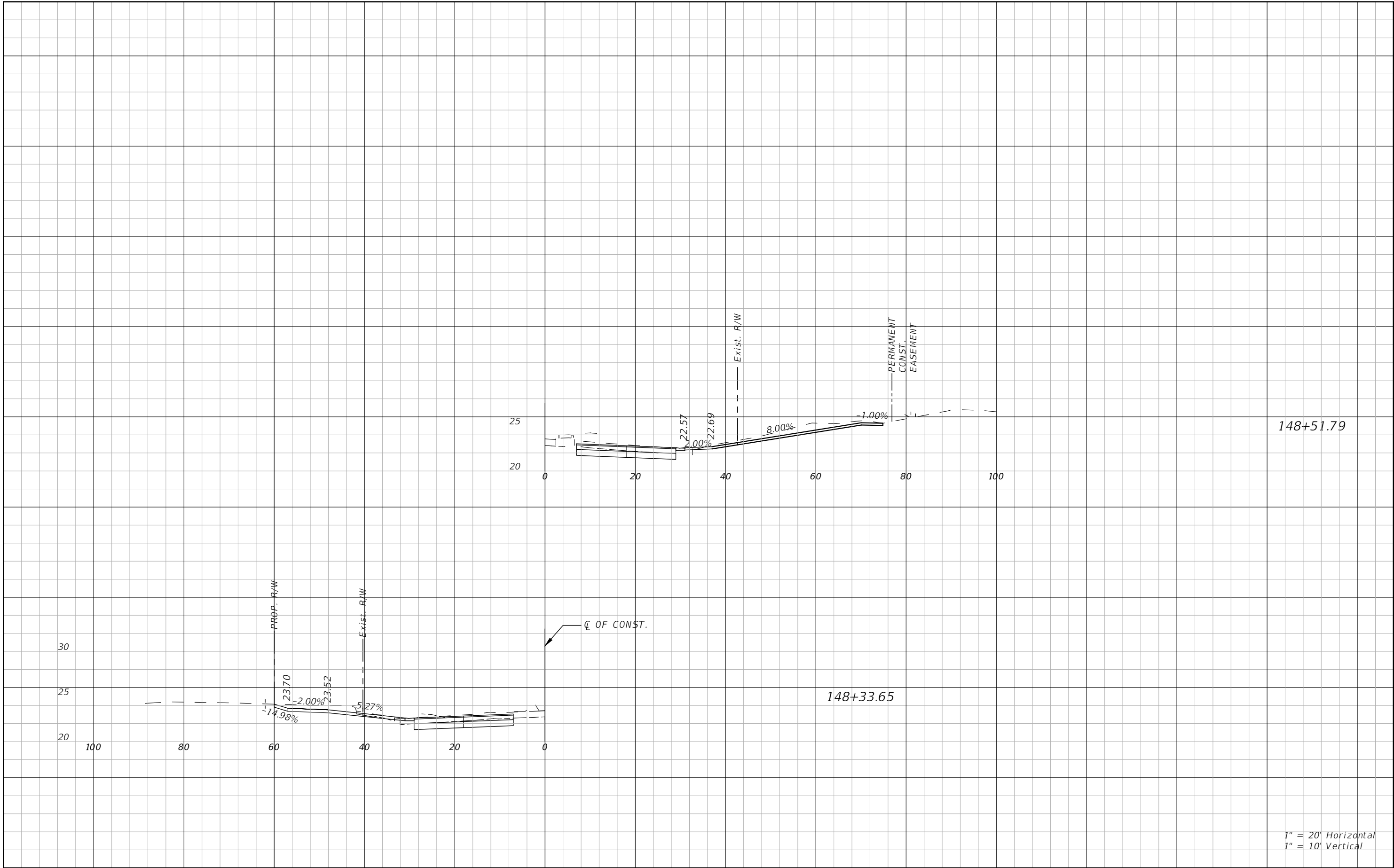


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (8)

SHEET
NO.
100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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Stantec
STANTEC CONSULTING SERVICES, INC.

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
DRIVEWAY HALF-SECTIONS (9)

SHEET
NO.
101

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT IS RECONSTRUCTION OF 75TH STREET WEST TO A 4 LANE ROADWAY WITH A 16 FOOT RAISED MEDDIAN, 5 FOOT SOD BUFFERS, 5 FOOT SIDEWALK, AND A SHARED USE PATH ON ONE SIDE. ROADWAY. THE PROJECT CONSISTS OF CONSTRUCTING ROADWAY SURFACE, CURB AND GUTTER, SIDEWALK, SHARED USE PATH, UNDERGROUND STORM DRAIN SYSTEMS, AND STORMWATER MANAGEMENT FACILITIES. THE PROJECT EXTENDS FROM 20TH AVENUE TO MANATEE AVENUE, A DISTANCE OF APPROXIMATELY 1.0 MILE.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

- CLEARING AND GRUBBING, EARTHWORK, AND STORM DRAIN CONSTRUCTION FOR THE OUTFALL FROM THE PONDS.
- CLEARING AND GRUBBING, EARTHWORK FOR POND CONSTRUCTION.
- STORM DRAIN AND CROSS DRAIN CONSTRUCTION. CONSTRUCT THE STORM DRAIN PIPE IN THE UPSTREAM DIRECTION.
- EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF ROADWAY, GRAVITY WALL, CURB, SUBGRADE, BASE, PAVEMENT, SHARED USE PATH, AND SIDEWALK.

1.A. AREA ESTIMATES:

TOTAL SITE AREA: 11.6 ACRES
TOTAL AREA TO BE DISTURBED: 11.6 ACRES

1.B. RUNOFF DATA:

RUNOFF COEFFIECIENTS:
BEFORE: 0.56
DURING: VARIES FROM 0.56 TO 0.66
AFTER: 0.66

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE

ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE RESULTS OF SOIL BORINGS DONE IN THE PONDS ARE SHOWN ON THE POND DETAIL SHEETS. THE NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE SANDS, SILTY SANDS AND CLAYEY SANDS.

OUTFALL INFORMATION:

THERE IS 1 OUTFALL.

#1 DESCRIPTION: CEDAR HAMMOCK CREEK.

LOCATION: LATITUDE 27°Æ 28' 54"± N, LONGITUDE, 82°Æ 38' 13"± W.

EST. DRAINAGE AREA SIZE: 13.3 ACRES

RECEIVING WATER NAME: PALMA SOLA BAY.

1.A. SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

DRAINAGE PATTERNS: THE DRAINAGE BASIN DIVIDES AND FLOW DIRECTIONS ARE SHOWN ON THE DRAINAGE MAPS.

* APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS AND THE PLAN-PROFILE SHEETS.THERE ARE POND CROSS SECTIONS LOCATED WITH THE POND DETAIL SHEETS.

* AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN SHEETS, THE CROSS SECTION SHEETS, AND THE POND DETAIL SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

* AREAS NOT TO BE DISTURBED: ESSENTIALLY THE WHOLE PROJECT WILL BE DISTURBED DURING CONSTRUCTION.

* LOCATIONS OF PERMANENT CONTROLS: THE STORMWATER PONDS ARE THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROLS. THESE ARE SHOWN ON THE POND DETAIL SHEETS.

* AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS, THE PLAN-PROFILE SHEETS AND THE POND DETAIL SHEETS.

* SURFACE WATERS: THE ONLY SURFACE WATER WITHIN THE SITE IS CEDAR HAMMOCK CREEK, WHICH CROSSES 75TH STREET WEST AT APPROXIMATELY STA. 100+00.
* DISCHARGE POINTS TO SURFACE WATERS: THERE ARE SIX. THIS IS SHOWN ON THE PLAN SHEETS.

1.A. RECEIVING WATERS:

SEE ITEM 1.D. FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES. THERE ARE ISOLATED WETLAND AREAS ON THE PROJECT SITE.

2.0 CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

PHASE I OF TEMPORARY TRAFFIC CONTROL PLANS:

ROADWAY, STATION 101+00 TO 151+60 RIGHT:

- MAINTAIN ONE LANE IN EACH DIRECTION ON EXISTING PAVEMENT SUPPLEMENTED BY TEMPORARY PAVEMENT.
- CONSTRUCT STORM DRAINAGE AND CROSS DRAINS TO ALLOW COMPLETION IN PHASE II.
- CONSTRUCT SOUTHERN TWO THROUGH AND TURN LANES, SHOULDER, AND SIDEWALK.

PHASE II OF TEMPORARY TRAFFIC CONTROL PLANS:

ROADWAY, STATION 101+00 TO 151+60 LEFT:

- SHIFT ONE LANE IN EACH DIRECTION TO PAVEMENT CONSTRUCTED IN PHASE I.
- CONSTRUCT REMAINING STORM DRAINAGE.
- CONSTRUCT NORTHERN TWO THROUGH AND TURN LANES, SHOULDER, AND SHARED USE PATH.

REVISIONS				 STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				SWPPP (1)	102
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2.A.1 STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:

* ARTIFICIAL COVERINGS IN ACCORDANCE WITH SPECIFICATION SECTION 104.

* TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

* ASPHALT OR CONCRETE SURFACE.

* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A.2 STRUCTURAL PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

* SEDIMENT BARRIERS IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.

* INLET PROTECTION IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIAL DETAILS SHOWN IN THE TTC PLAN.

* SEDIMENT CONTAINMENT SYSTEM: THE PERMANENT STORMWATER PONDS WILL BE TEMPORARILY MODIFIED ACCORDING TO THE DETAILS IN THE TTC PLAN.

PERMANENT:

* STORMWATER PONDS.

* SOD.

2.B STORMWATER MANAGEMENT:

SEVERAL STORM DRAIN SYSTEMS WILL BE CONSTRUCTED TO CONVEY RUNOFF AND MAINTAIN THE EXISTING FLOW PATTERN. THE FACILITIES HAVE BEEN PERMITTED BY THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND COMPLY WITH APPLICABLE DESIGN STANDARDS.

2.C OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

* PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.

* DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

* DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

* COVERING LOADED HAUL TRUCKS WITH TARPAULINS.

* REMOVING EXCESS DIRT FROM ROADS DAILY.

* STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARD 106.

* USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

* MINIMIZE THE DISRUPTION OF DUST DURING CONSTRUCTION BY APPLYING WATER OR OTHER DUST CONTROL MATERIALS

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D.4 APPROVED STATE AND LOCAL PLANS AND PERMITS:

* SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

* FDEP RULE CHAPTER 62-25 F.A.C.

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

* SILT FENCE: MAINTAIN PER SECTION 104. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS.

* SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.

* THE PONDS ARE TEMPORARY SEDIMENT BASINS UNTIL THE AREAS THAT DRAIN TO THEM ARE STABILIZED, SO UNTIL THEN, REMOVE SEDIMENT FROM THE POND WHEN IT BECOMES 1.5' DEEP AT ANY POINT.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

* POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.

* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.

* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.

* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.

* STRUCTURAL CONTROLS.

* STORMWATER MANAGEMENT SYSTEMS.

* LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

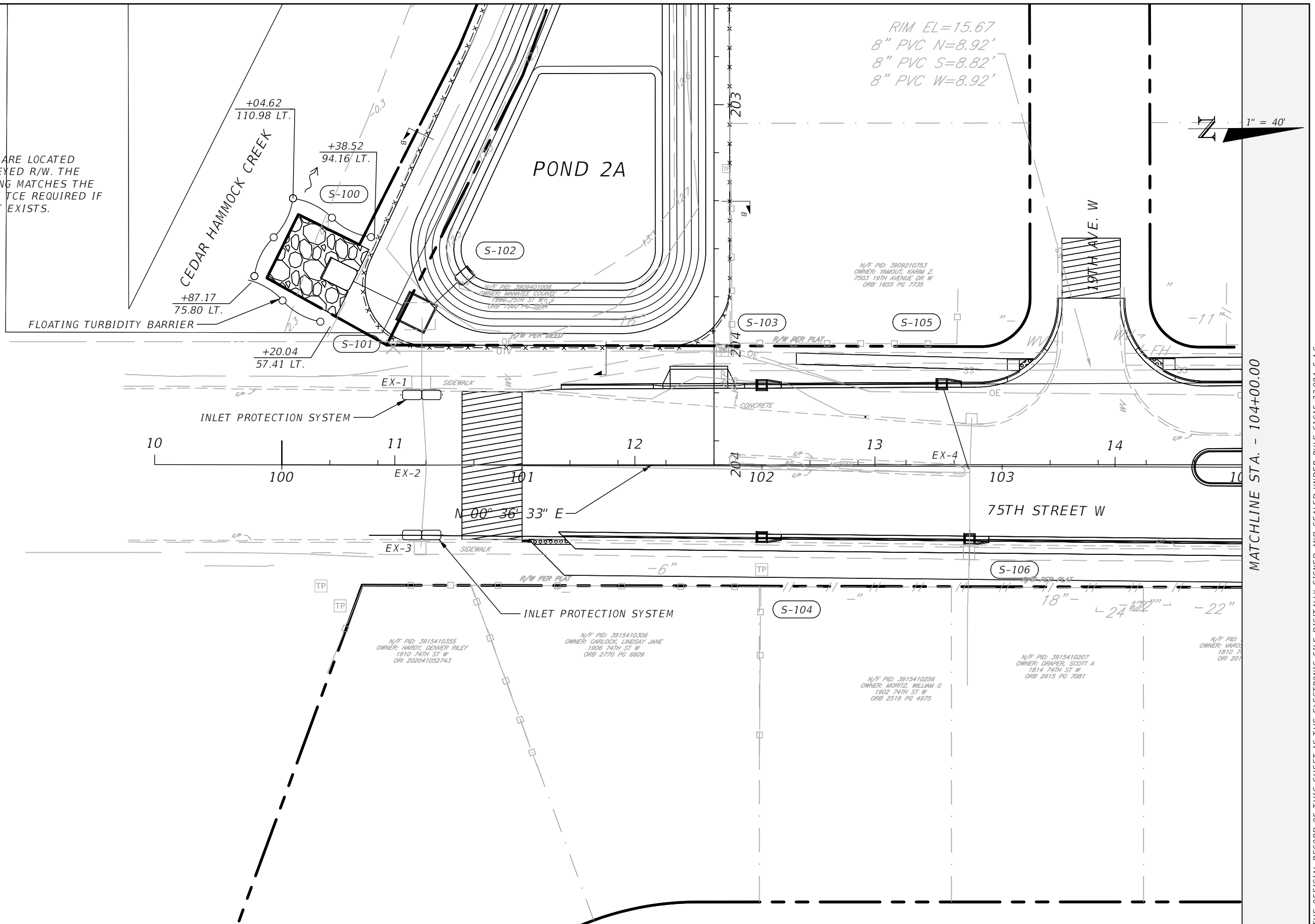
IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT MANATEE COUNTY PROJECT MANAGER AT (941) 708-7450.

REVISIONS				 STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727)531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				SWPPP (2)	103
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NOTE:
EXISTING POND LIMITS ARE LOCATED
OUTSIDE OF THE SURVEYED R/W. THE
PROPOSED POND GRADING MATCHES THE
EXISTING TOP OF BANK. TCE REQUIRED IF
NO EXISTING EASEMENT EXISTS.



MATCHLINE STA. - 104+00.00

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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CHRISTOPHER J. KNOX, P.E.
LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

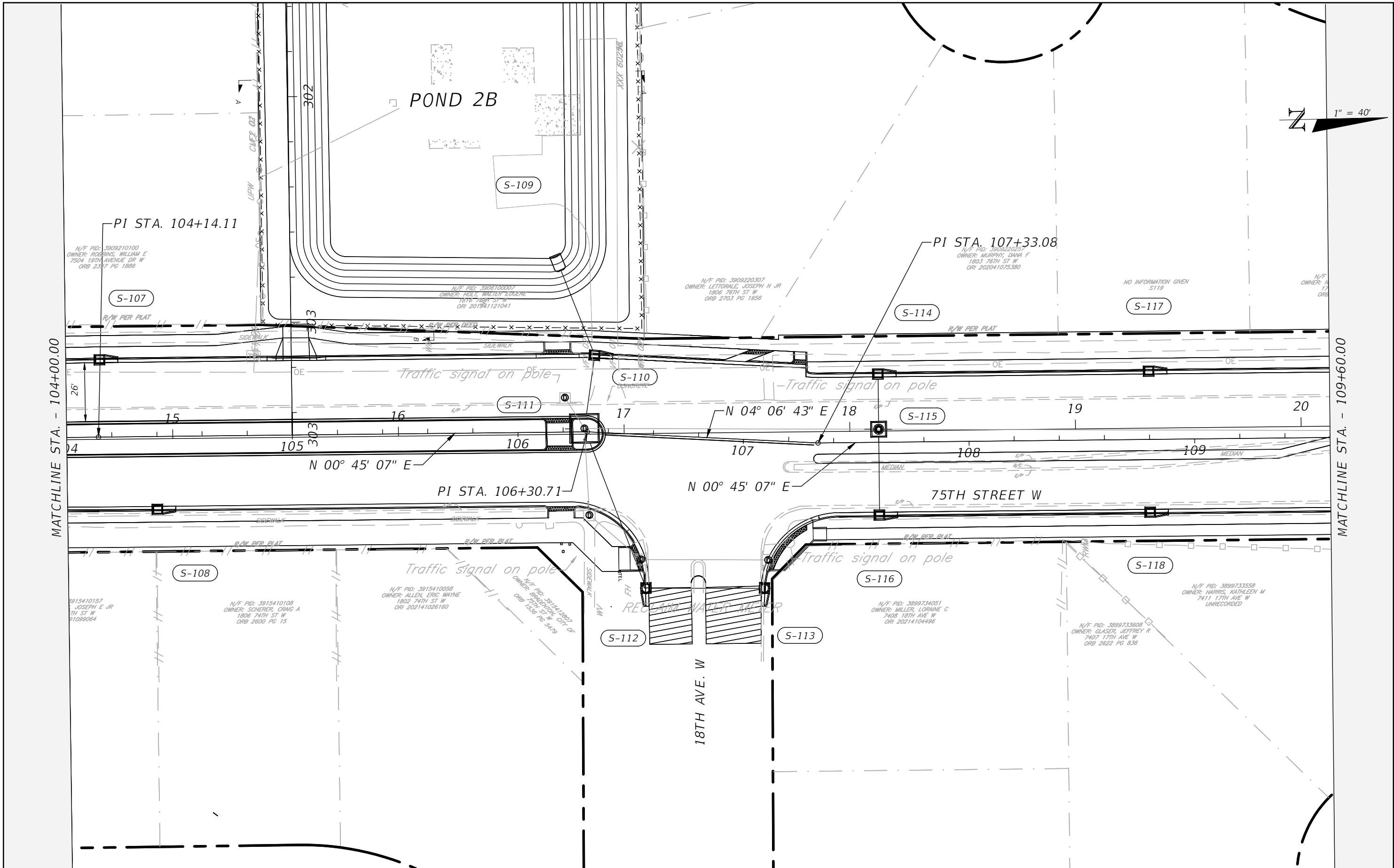


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
EROSION CONTROL PLAN (1)

SHEET
NO.
104

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REVISIONS			
NO.	DESCRIPTION	DATE	BY
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Stantec
STANTEC CONSULTING SERVICES, INC.

CHRISTOPHER J. KNOX, P.E.
LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

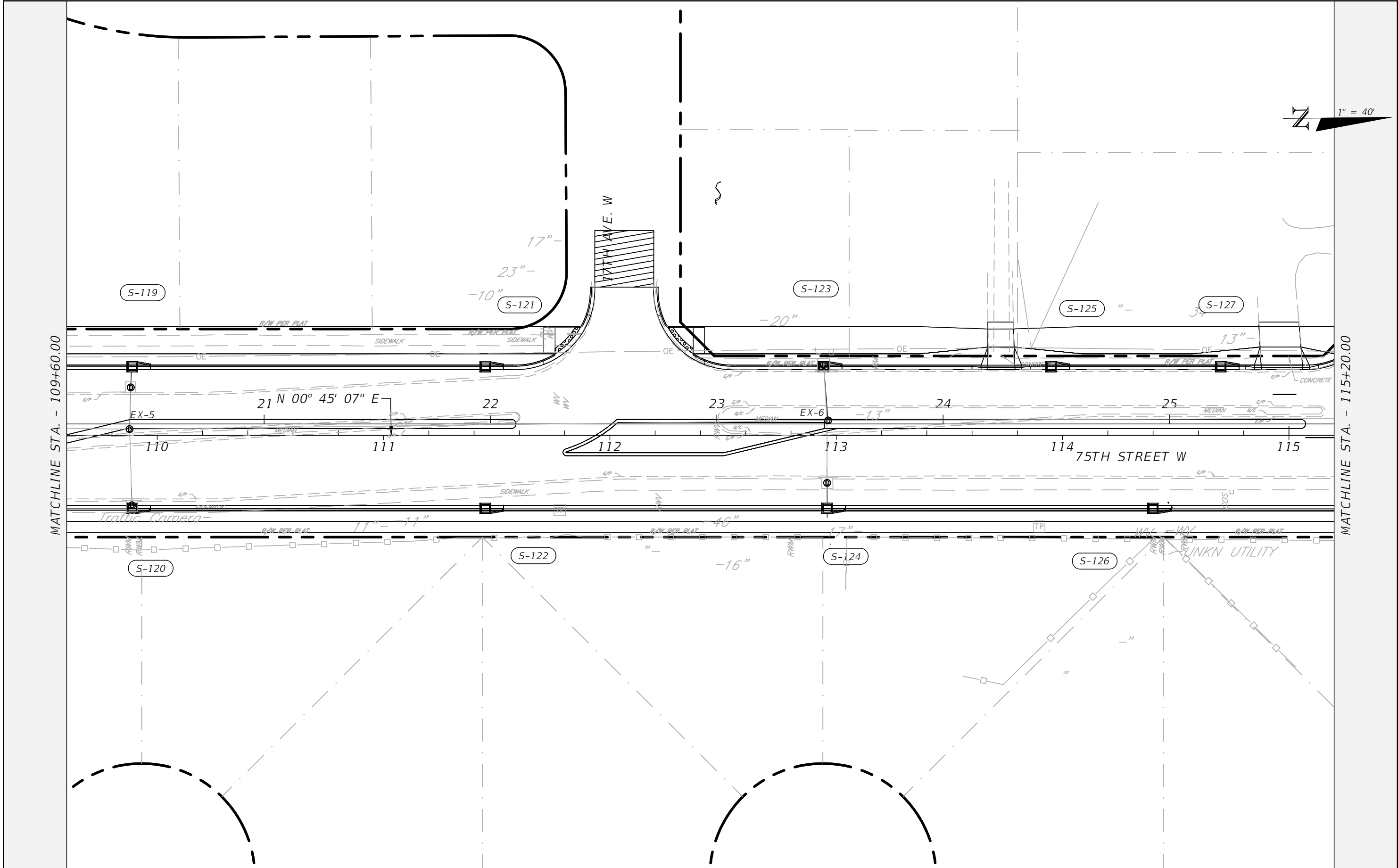


**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

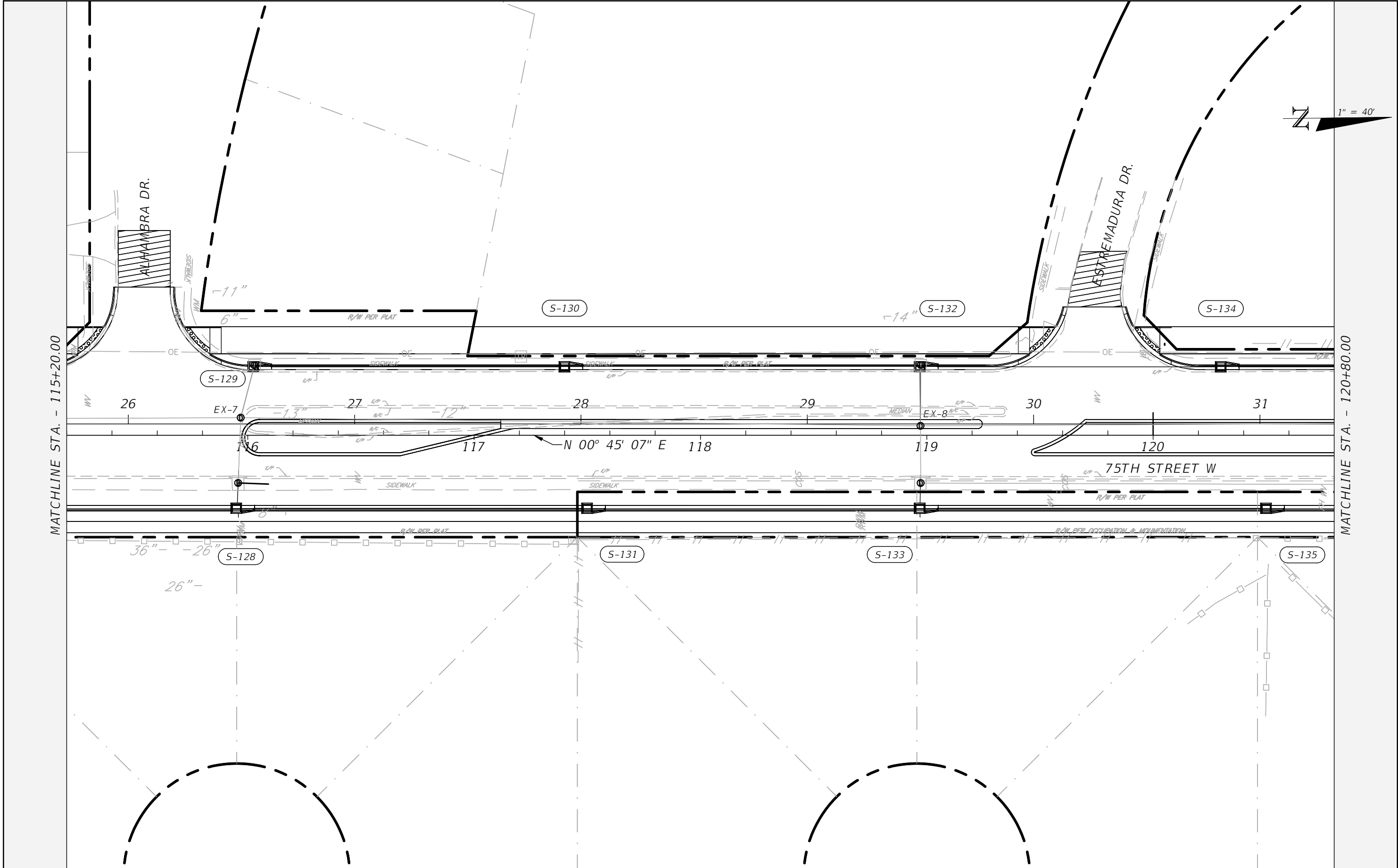
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
EROSION CONTROL PLAN (2)

SHEET NO.
105

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

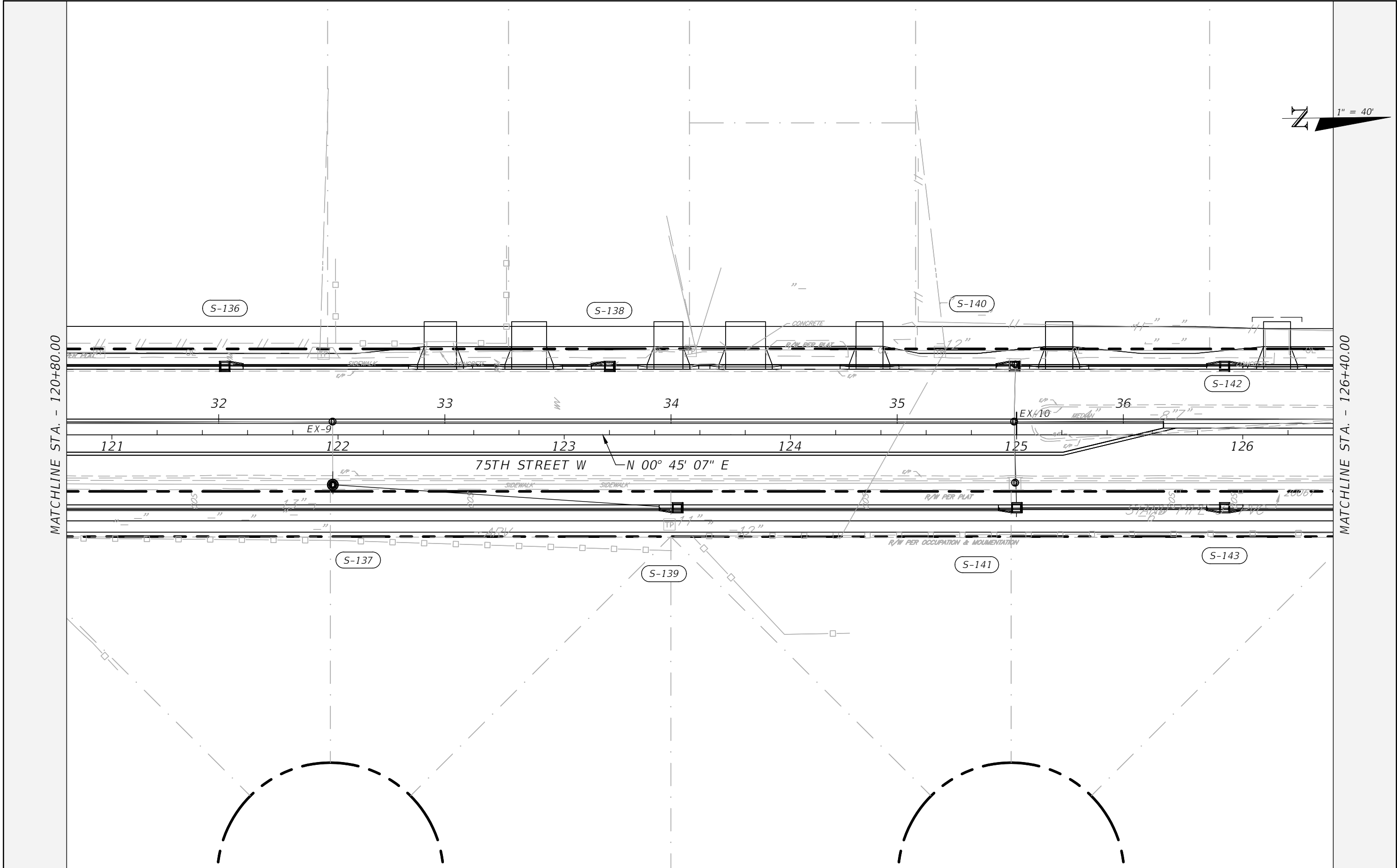


REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			<i>EROSION CONTROL PLAN (3)</i>		106
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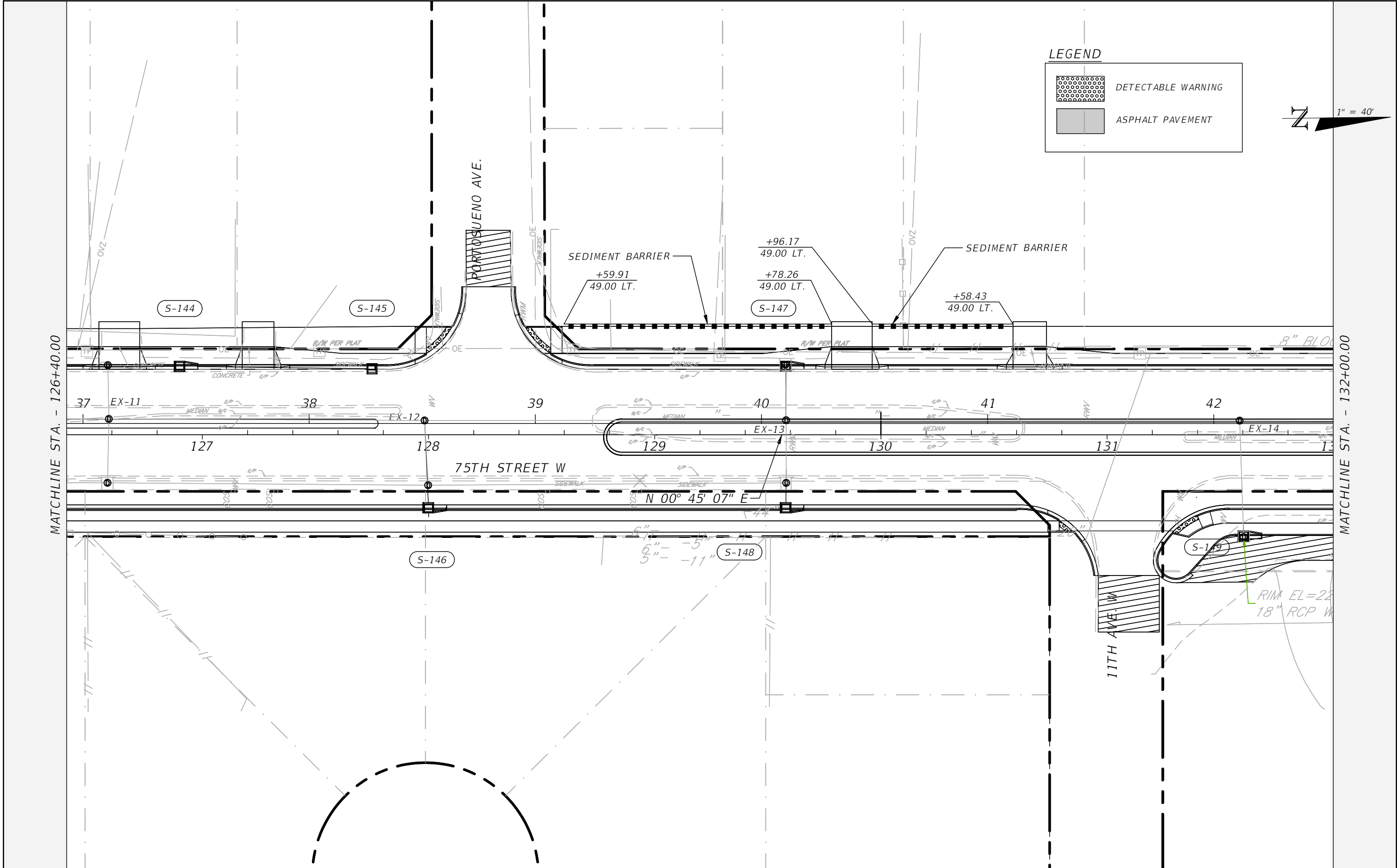
REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			<i>EROSION CONTROL PLAN (4)</i>		107
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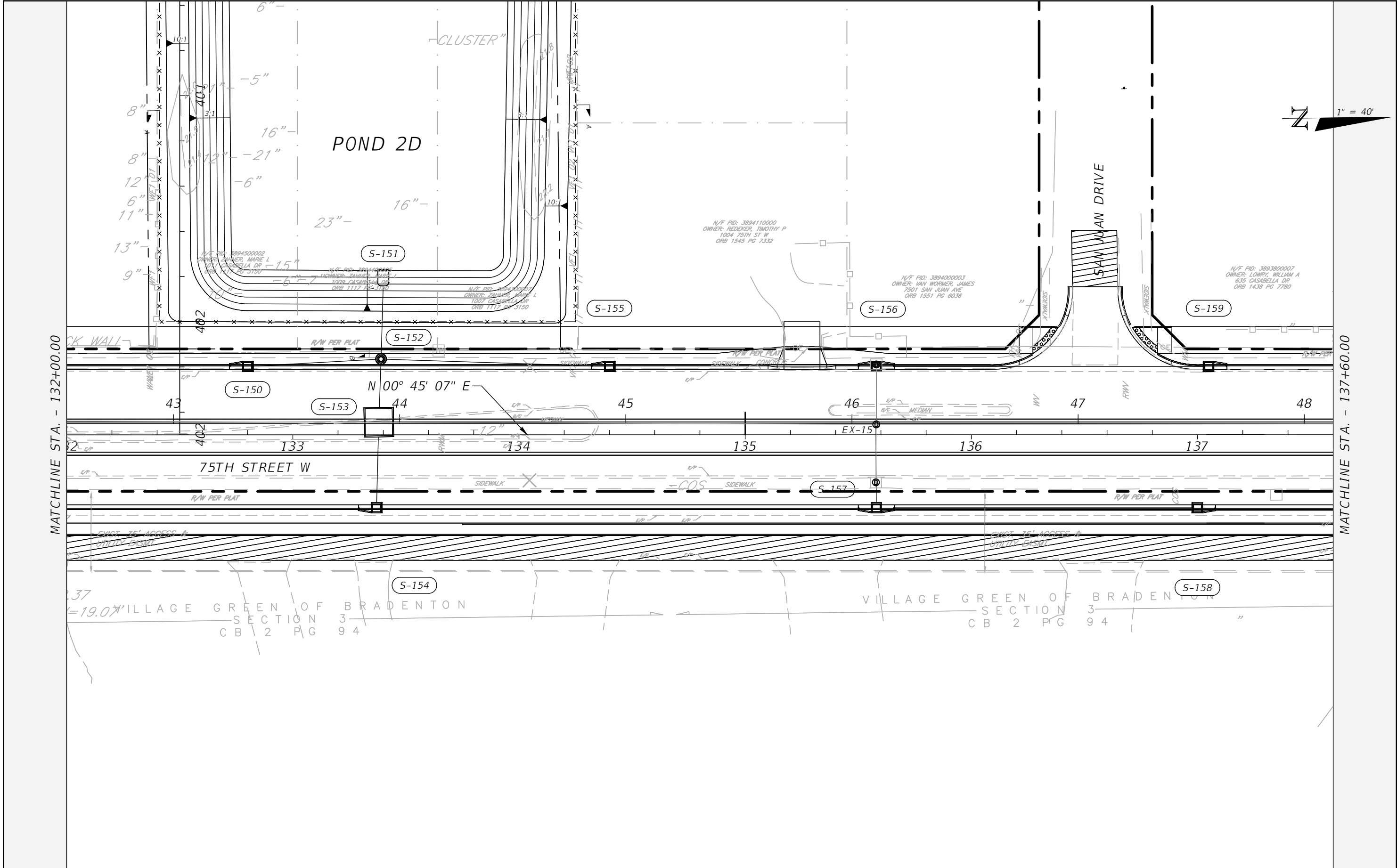
REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) EROSION CONTROL PLAN (5)	SHEET NO. 108
NO.	DESCRIPTION	DATE	BY					
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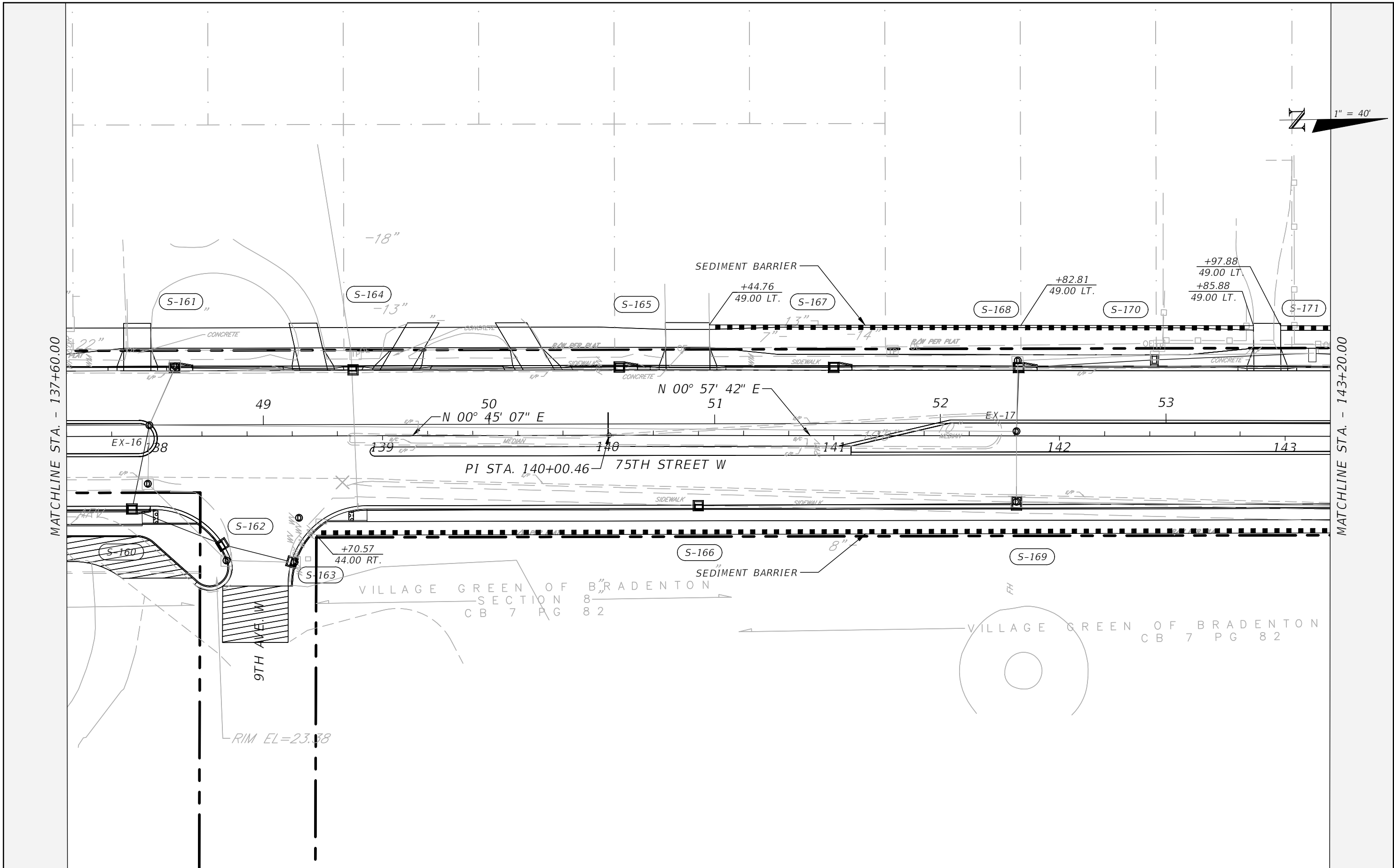
REVISIONS				 STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) EROSION CONTROL PLAN (6)	SHEET NO. 109
NO.	DESCRIPTION	DATE	BY					
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REVISIONS				 STANTEC CONSULTING SERVICES, INC.	CHRISTOPHER J. KNOX, P.E. LICENSE NUMBER 67350 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64) EROSION CONTROL PLAN (7)	SHEET NO. 110
NO.	DESCRIPTION	DATE	BY					
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REVISIONS			
NO.	DESCRIPTION	DATE	BY
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**Stantec**
STANTEC CONSULTING SERVICES, INC.

CHRISTOPHER J. KNOX, P.E.
LICENSE NUMBER 67350
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

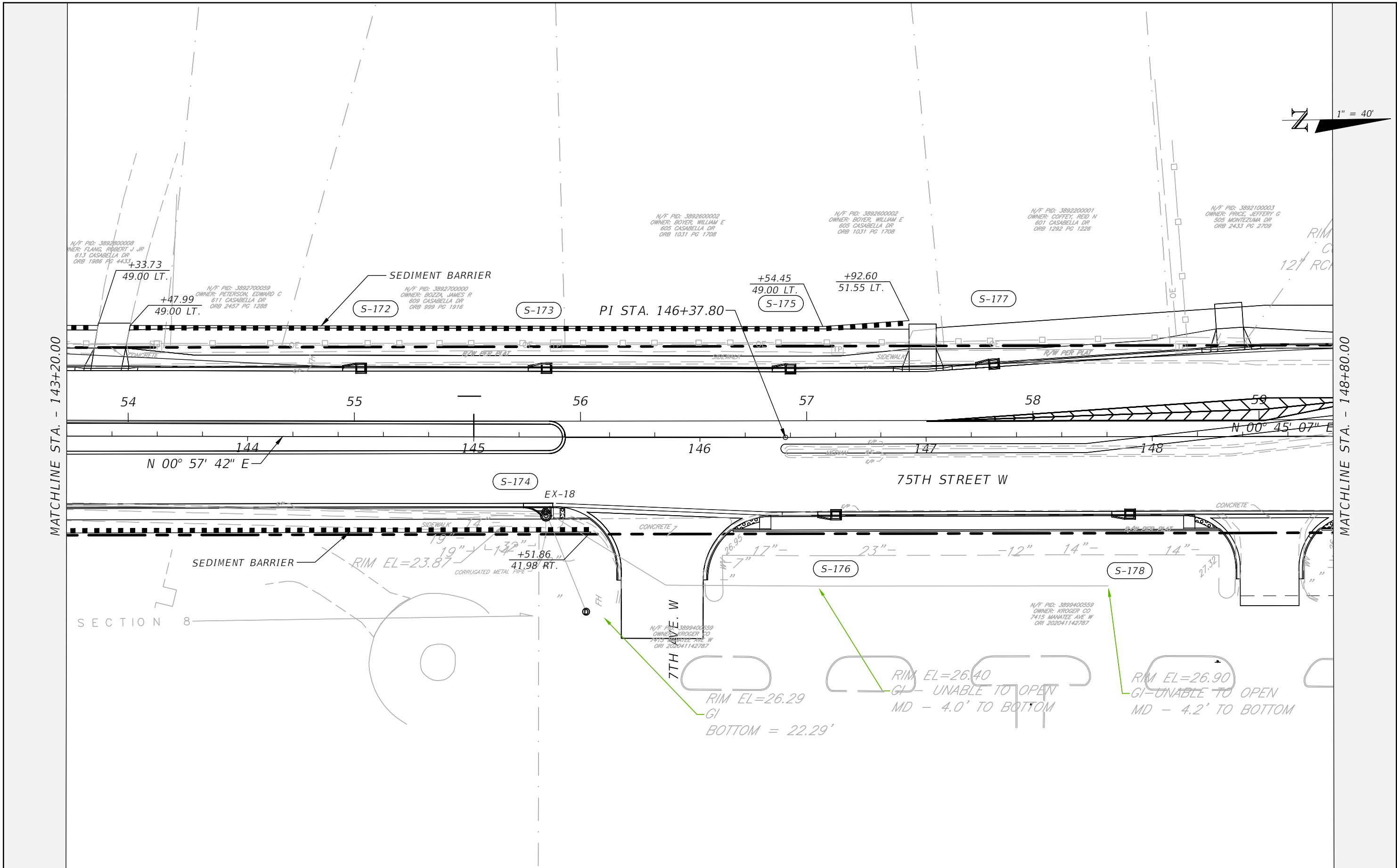
**Manatee County**
FLORIDA

MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
EROSION CONTROL PLAN (8)

SHEET
NO.
111

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NO.	DESCRIPTION	DATE	BY					
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DATE OF SURVEY: AUGUST TO SEPTEMBER 2022
SURVEY MADE BY: TIERRA SOUTH FLORIDA, INC.
SUBMITTED BY: TIERRA SOUTH FLORIDA, INC.

MANATEE COUNTY

ROAD NO.: 75TH ST W
COUNTY: MANATEE

PROJECT NAME: 75TH STREET WEST FROM 20TH AVENUE TO MANATEE AVENUE
CIP NO. 6108260

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS
SURVEY BEGINS STA.: 10+20 SURVEY ENDS STA.: 61+60
C/L CONST. 75TH
REFERENCE: ST W

STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS % PASS						ATTERBERG LIMITS (%)				DESCRIPTION	CORROSION TEST RESULTS				
	NO. OF TESTS	% ORGANIC	NO. OF TESTS	% MOISTURE	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP		NO. OF TESTS	RESISTIVITY ohms-cm	CHLORIDE ppm	SULFATES ppm	pH
1	-	-	-	-	-	-	-	-	-	-	-	-	-	A-8	TOPSOIL	-	-	-	-	-
2	-	-	5	6 - 25	5	87 - 100	80 - 95	68 - 75	10 - 18	2 - 5	-	-	-	A-3	LIGHT GRAY TO LIGHT BROWN TO BROWN TO DARK BROWN SAND	-	-	-	-	-
3	1	28	1	66	1	100	95	79	28	20	-	-	-	A-8	DARK BROW ORGANIC SILTY SAND	-	-	-	-	-

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.
NP- NON PLASTIC

1. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY SUBSOIL CONNECTINGLINES SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED AS INDICATED IN FDOT STANDARD SPECIFICATIONS SECTION 2-4. FOR FURTHER DETAILS SEE FDOT SECTION 120-3.
2. GROUNDWATER LEVEL SHOWN AS (∇) WHERE ENCOUNTERED. GROUNDWATER NOT ENCOUNTERED SHOWN AS "GNE".
3. REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURRING WITHIN ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 120-002, UNLESS OTHERWISE SHOWN ON THE PLANS. THE MATERIAL UTILIZED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD PLANS INDEX 120-001.
4. SOIL ANALYSIS INCLUDES DATA FROM ROADWAY AREAS AS NOTED IN LIMITS ABOVE.
5. THE SYMBOL "-" REPRESENTS AN UNMEASURED PARAMETER.
6. STRATUM 1 CONSIST OF TOPSOIL (A-8) AND SHOULD BE STRIPPED FROM THE PROPOSED WIDENING AND NEW PAVEMENT AREAS IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 120-EXCAVATION AND EMBANKMENT.
7. STRATUM 2 CONSISTS OF SAND (A-3). THESE MATERIALS APPEARS TO BE SUITABLE TO USE IN SUBGRADE AND EMBANKMENT AND SHOULD BE UTILIZED ACCORDING TO STANDARD PLANS INDEX 120-001.
8. STRATUM 3 CONSISTS OF ORGANIC SOILS (A-8) WHICH SHALL BE REMOVED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 120-002.

TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

1.

POSTED REGULATORY SPEED LIMIT SHALL BE 35 MPH FOR PRE-PHASE 1, PHASE 1, AND PHASE 2 DURING CONSTRUCTION.
2.

THE COST OF MAINTENANCE OF TRAFFIC OPERATIONS SHALL BE INCLUDED UNDER THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC, UNLESS A SEPARATE PAY ITEM IS PROVIDED.
3.

THE CONTRACTOR SHALL PROVIDE FOR THE SAFE MOVEMENT OF PEDESTRIANS AND VEHICLES THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING DELIVERIES AND DROP-OFFS IN WORK ZONES.
4.

THE CONTRACTOR SHALL PLACE A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) 1200' PRIOR TO THE NORTHBOUND AND SOUTHBOUND DIRECTIONS BEGINNING OF CONSTRUCTION, AS SHOWN IN THE ADVANCE SIGNING DETAIL. BEGINNING TWO WEEKS PRIOR TO THE FIRST DAY OF ROADWAY CONSTRUCTION. SIMILARLY, PCMS SHALL ALSO BE PLACED ON EACH SIDE OF MANATEE AVENUE AT 1200' PRIOR TO THE 75TH STREET W INTERSECTION. THE MESSAGE SHALL READ AS FOLLOWS:

MESSAGE 1:

75TH ST

CONST.

BEGINS

MESSAGE 2:

"DATE"

EXPECT

DELAYS
5.

THE PORTABLE CHANGEABLE MESSAGE SIGN SHALL REMAIN FOR A PERIOD OF SIXTY (60) DAYS AFTER THE INITIAL TWO WEEKS, AND DURING THAT PERIOD, THE SUGGESTED MESSAGE SHALL READ AS FOLLOWS:

MESSAGE 1:

WORK

AHEAD

MESSAGE 2:

EXPECT

DELAYS
6.

INCLUDE PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) INFORMATION FROM THE MANATEE COUNTY TRAFFIC SIGNAL DESIGN GUIDE (MCTSDG) FOR THE RECONSTRUCTION OF 75TH STREET W. COST OF FURNISHING PCMS TO BE INCLUDED UNDER PAY ITEM NO. 102-1 - MAINTENANCE OF TRAFFIC.
7.

ARROWS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
8.

EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OF THE PROJECT.
9.

ACCESS SHALL BE CONTINUOUSLY MAINTAINED AT SIDE STREETS AND DRIVEWAYS FOR THE DURATION OF THE PROJECT. TEMPORARY DRIVEWAY CONNECTIONS MAY BE REQUIRED. CONTRACTOR TO COORDINATE WITH OWNERS OF IMPACTED DRIVEWAYS TO MINIMIZE DISRUPTION DURING BUSINESS HOURS AND DURING OPERATIONS.
10.

CONTRACTOR SHALL MAINTAIN EXISTING PEDESTRIAN TRAFFIC UTILIZING SIDEWALK DIVERSIONS OR DETOURS PER FDOT INDEX 102-660, AS NECESSARY.
11.

THE CONTRACTOR SHALL NOTIFY MANATEE COUNTY PUBLIC WORKS PRIOR TO A LANE CLOSURE THAT WILL EXCEED TWO HOURS, A MINIMUM OF FOURTY EIGHT (48) HOURS IN ADVANCE. DURING PERIODS OF

- LANE CLOSURES, THE CONTRACTOR SHALL PROVIDE AN FDOT CERTIFIED WORK SITE TRAFFIC SUPERVISOR FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES (E.G. BARRICADES, SIGNS, ARROW PANELS, ETC.) AS OUTLINED IN THE FDOT STANDARD SPECIFICATIONS AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
12.

FOR SIDE STREET INTERSECTIONS, LANE CLOSURE SHALL BE LIMITED TO ONE LANE AT ALL TIMES. AT A MINIMUM, ONE-LANE, TWO-WAY OPERATION SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS.
13.

UPON WRITTEN APPROVAL FROM MANATEE COUNTY, THE CONTRACTOR MAY CLOSE TO THROUGH-TRAFFIC THAT PORTION OF SIDE STREETS WITHIN THE LIMITS OF CONSTRUCTION. ACCESS FOR LOCAL TRAFFIC WITH DESTINATIONS WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED.
14.

TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURE OR CHANNELIZATION. UNDER THESE CONDITIONS, THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL ALSO RESPOND WITHIN THE CONTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE ENGINEER OF ANY REQUESTS FOR CORRECTION, IMPROVEMENT, OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES. THE COST OF THIS SERVICE SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC.
15.

MILLING OPERATIONS SHALL NOT EXCEED MORE THAN WHAT CAN BE RESURFACED WITHIN THE SAME WORK PERIOD.
16.

CONTRACTOR SHALL MAINTAIN AND KEEP SIDE ROAD NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
17.

MAINTAIN EXISTING SIGNS AS APPLICABLE DURING EACH PHASE AND REMOVE OR COVER THOSE THAT ARE IN CONFLICT WITH TTC PLAN SIGNAGE.
18.

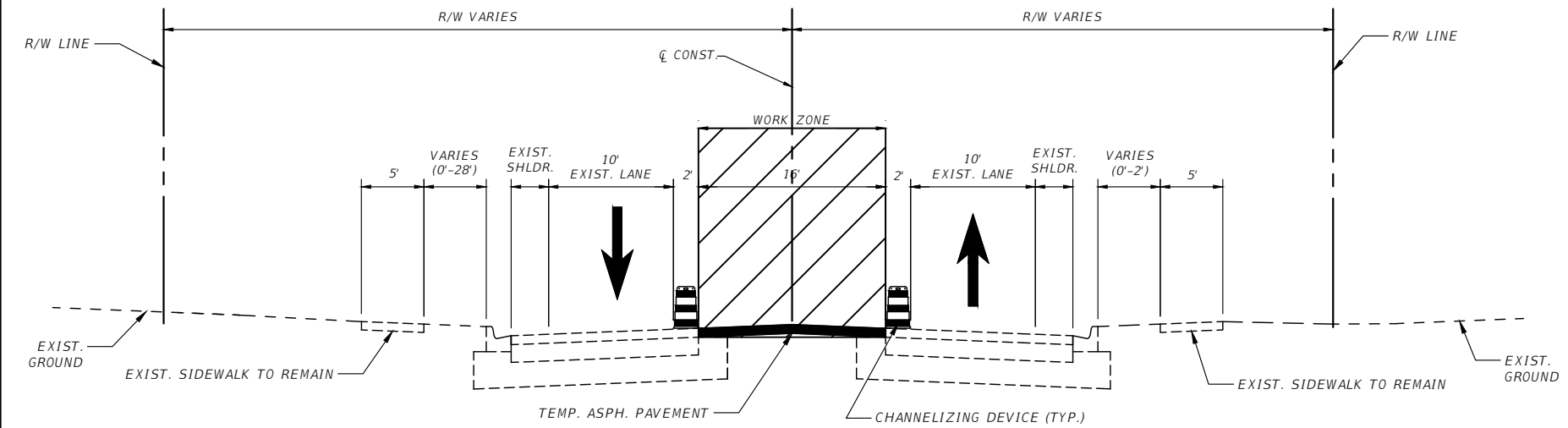
FOR TEMPORARY CONSTRUCTION SIGNS LOCATED IN PAVED AREAS, THE CONTRACTOR SHALL PROVIDE TEMPORARY SIGN SUPPORTS WHICH DO NOT PENETRATE THE PAVEMENT.
19.

TEMPORARY BLUE BUSINESS SIGNS TO BE INSTALLED AND MAINTAINED JUST PRIOR TO ALTERING EXISTING DRIVEWAYS.
20.

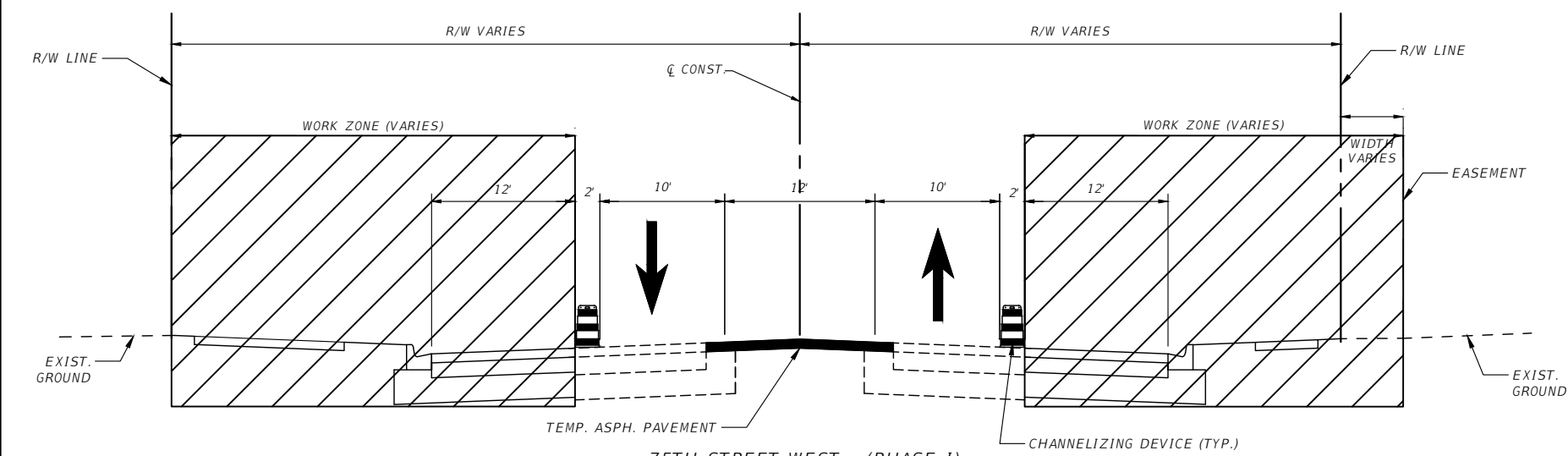
EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED BY HIGH PRESSURE WATER OR OTHER NON-DESTRUCTIVE METHODS AS APPROVED BY THE ENGINEER. ALL EXISTING MARKINGS OUTSIDE THE LIMITS OF CONTRUCTION WHICH ARE REMOVED FOR TTCP PURPOSES SHALL BE REPLACED BEFORE THE COMPLETION OF THE PROJECT.
21.

TEMPORARY PAVEMENT SHALL CONSIST OF A MINIMUM OF 6" OF LIMEROCK BASE, PRIME COAT AND 1" OF SUPERPAVE ASPHALTIC CONCRETE. THE BASE LAYER SHALL BE PLACED OVER A FIRM, UNYIELDING, WELL-COMPACTED SUBGRADE. COST OF CONSTRUCTION AND REMOVAL OF TEMPORARY PAVEMENT TO BE INCLUDED IN PAY ITEM 102-1 - MAINTENANCE OF TRAFFIC.

ABBREVIATION LEGEND:
DYRPM = DOUBLE YELLOW REFLECTORIZED PAVEMENT MARKINGS
LPB = LOW PROFILE BARRIER (PER FDOT INDEX 102-120)
RPM'S = RAISED PAVEMENT MARKERS
TTCP = TEMPORARY TRAFFIC CONTROL PLAN
WRPM = WHITE REFLECTORIZED PAVEMENT MARKINGS
YRPM = YELLOW REFLECTORIZED PAVEMENT MARKINGS



75TH STREET WEST - (PRE-PHASE I)
STA. 101+00.00 TO 151+60.00



75TH STREET WEST - (PHASE I)
STA. 101+00.00 TO 151+60.00

CONSTRUCTION PHASING NOTES

PRE-PHASE 1

PRE-PHASE 1 OPERATIONS ARE TO MAINTAIN TWO-WAY TRAFFIC ON THE EXISTING ROADWAY, INSTALL TTC DEVICES, AND TEMPORARY ASPHALT PAVEMENT IN THE MEDIAN OF 75TH STREET WEST.

1. INSTALL SIGNING ON ALL MAINLINE AND SIDE STREETS AS PER THESE PLANS AND FDOT STANDARD PLANS, 102-600 SERIES INDEXES.
2. MAINTAIN TWO-LANE, TWO-WAY TRAFFIC ON THE EXISTING FACILITY.
3. EXISTING DRAINAGE FLOW PATTERNS AND CROSS DRAIN FLOW DIRECTIONS ARE TO BE MAINTAINED DURING PRE-PHASE 1 CONSTRUCTION.
4. WITH REFERENCE TO FDOT INDEX NOS. 102-602, 102-603, AND 102-604, CONSTRUCT TEMPORARY ASPHALT PAVEMENT WITHIN THE MEDIAN TO MATCH CROSS SLOPE OF EXISTING PAVEMENT (OR APPROPRIATE CROSS SLOPE).
5. INSTALL TEMPORARY PAVEMENT MARKINGS, ADVANCE WARNING SIGNS, AND TRAFFIC CONTROL DEVICES FOR TTC PLAN (PHASE 1) TRAFFIC SHIFT ALONG THE CORRIDOR, AND TEMPORARY SIGNALIZATION AT 18TH AVENUE W. SEE THE TTC PLAN (PHASE 1) FOR TYPE AND LOCATION OF PAVEMENT MARKINGS AND SIGNAGE.
6. DRAINAGE STRUCTURES AND PARTIAL PIPE CROSSINGS CONNECTING TO THE WORK ZONE WILL BE CONSTRUCTED AS SHOWN IN TTC PLAN (PHASE 1).
7. LOW PROFILE BARRIERS WILL BE PLACED ADJACENT TO PROPOSED DRAINAGE STRUCTURES TO SHIELD DROP-OFF HAZARDS IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 102-120.

PHASE I

PHASE I OPERATIONS, CONSISTING OF SUB-PHASES 1A AND 1B, ARE TO SHIFT TRAFFIC TO CONSTRUCT 12 FT. OF PROPOSED OUTSIDE LANES IN EACH DIRECTION, CURB AND GUTTER ON BOTH SIDES OF THE ROADWAY WITH SIDEWALK ALONG THE EAST SIDE OF 75TH STREET AND TRAIL ALONG THE WEST SIDE.

1. INSTALL SIGNING ON ALL MAINLINE AND SIDE STREETS AS PER THESE PLANS AND FDOT STANDARD PLANS 102-600 SERIES INDEXES.
2. SHIFT TWO-WAY TO PHASE I TRAFFIC PATTERN THAT WILL INCLUDE ONE-WAY TRAFFIC ON EXISTING PAVEMENT AND LEFT TURN LANES ON TEMPORARY ASPHALT PAVEMENT CONSTRUCTED DURING THE PRE-PHASE I WITHIN THE MEDIAN.

PHASE 1A

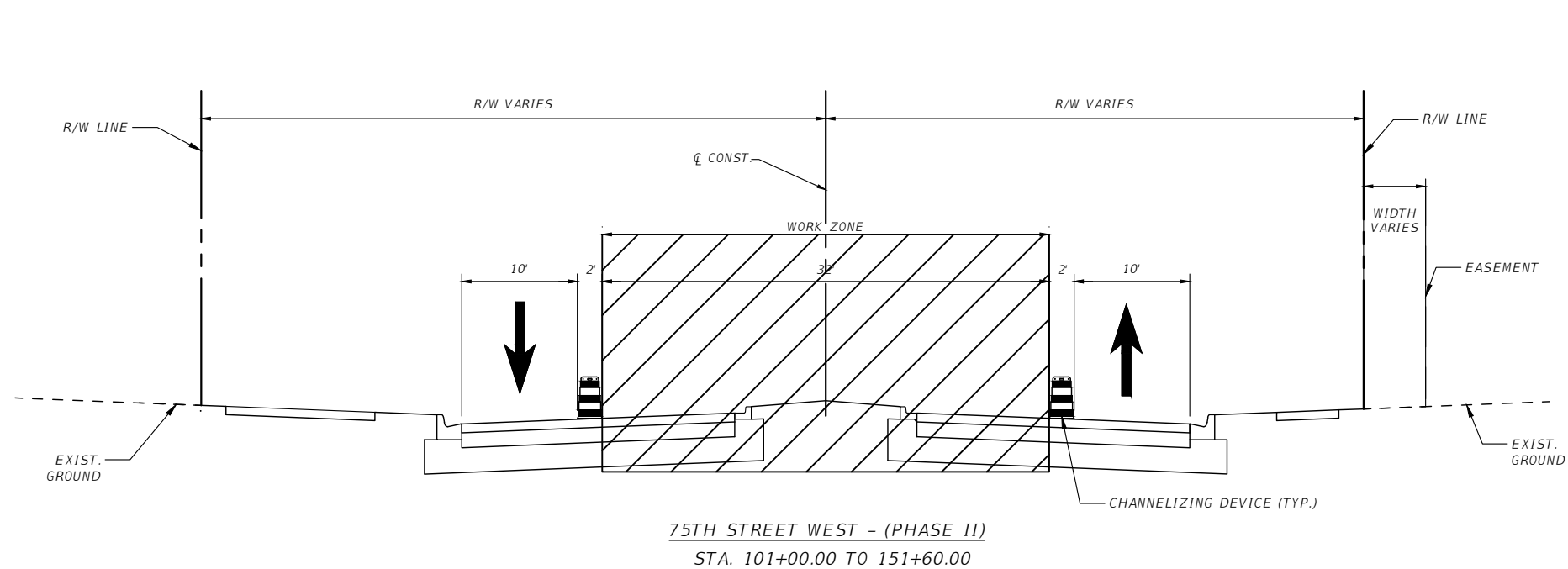
1. CONSTRUCT PROPOSED NORTHBOUND OUTSIDE LANE, CURB AND GUTTER, SIDEWALK, DRAINAGE STRUCTURES, AND SIGNALIZATION ALONG THE EAST SIDE OF 75TH STREET WEST.
2. CONSTRUCT PEDESTRIAN DETOUR TO DIRECT PEDESTRIAN TRAFFIC TO THE EXISTING SIDEWALK ON THE WEST SIDE OF 75TH STREET WEST PER FDOT INDEX 102-600.

PHASE 1B

1. CONSTRUCT PROPOSED SOUTHBOUND OUTSIDE LANE, CURB AND GUTTER, TRAIL, DRAINAGE STRUCTURES, AND SIGNALIZATION ALONG THE WEST SIDE OF 75TH STREET WEST.
2. CONSTRUCT PEDESTRIAN DETOUR TO DIRECT PEDESTRIAN TRAFFIC TO THE NEWLY CONSTRUCTED SIDEWALK ON THE EAST SIDE OF THE ROADWAY PER FDOT INDEX 102-600.

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NO.	DESCRIPTION	DATE	BY				20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	
---	---	---	---				TEMPORARY TRAFFIC CONTROL (TYPICAL SECTIONS) (1)	

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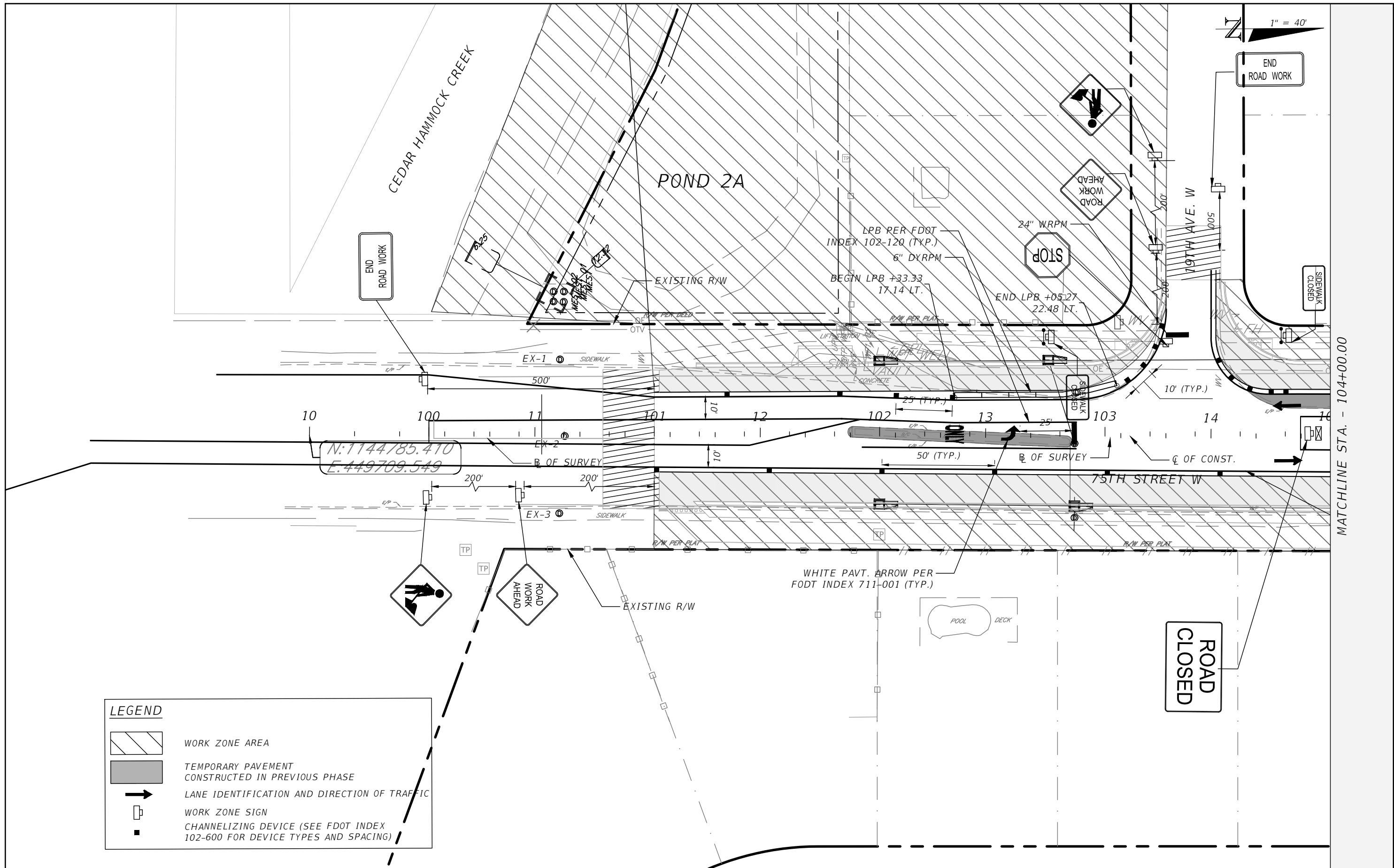


PHASE II (101+00.00 TO 151+60.00)

PHASE II OPERATIONS INCLUDE SHIFTING TRAFFIC ONTO THE NEWLY CONSTRUCTED OUTSIDE LANES AND TO INSTALL THE REMAINING PROPOSED PAVEMENT, CURB AND GUTTER, DRAINAGE STRUCTURES AND PIPE CROSSINGS, AND ANY OTHER INCIDENTAL MEDIAN WORK.

1. INSTALL SIGNING ON ALL MAINLINE AND SIDE STREETS AS PER THESE PLANS AND FDOT STANDARD PLANS 102-600 SERIES INDEXES.
2. SHIFT TWO-WAY TRAFFIC TO PHASE II TRAFFIC PATTERN THAT WILL INCLUDE ONE-WAY IN EACH DIRECTION ALONG THE OUTSIDE LANES OF THE NEWLY INSTALLED NORTHBOUND AND SOUTHBOUND ROADWAY CONSTRUCTED DURING PREVIOUS PHASES.
3. CONSTRUCT PROPOSED PAVEMENT, CURB AND GUTTER, DRAINAGE STRUCTURES WITH PIPE CROSSINGS, AND REMAINING MEDIAN WORK ALONG 75TH STREET WEST.
4. REMOVE ALL TEMPORARY PAVEMENT MARKINGS, ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES FOR TTC PLAN (PHASE II), UTILIZING LANE CLOSURES AND FDOT INDEXES 102-613, APPLY FINAL FRICTION COURSE AND INSTALL PAVEMENT MARKINGS AND SIGNAGE.
5. UPON COMPLETION, OPEN ALL LANES OF TRAFFIC.

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NO.	DESCRIPTION	DATE	BY				TEMPORARY TRAFFIC CONTROL (TYPICAL SECTIONS) (2)	117
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NO.	DESCRIPTION	DATE	BY
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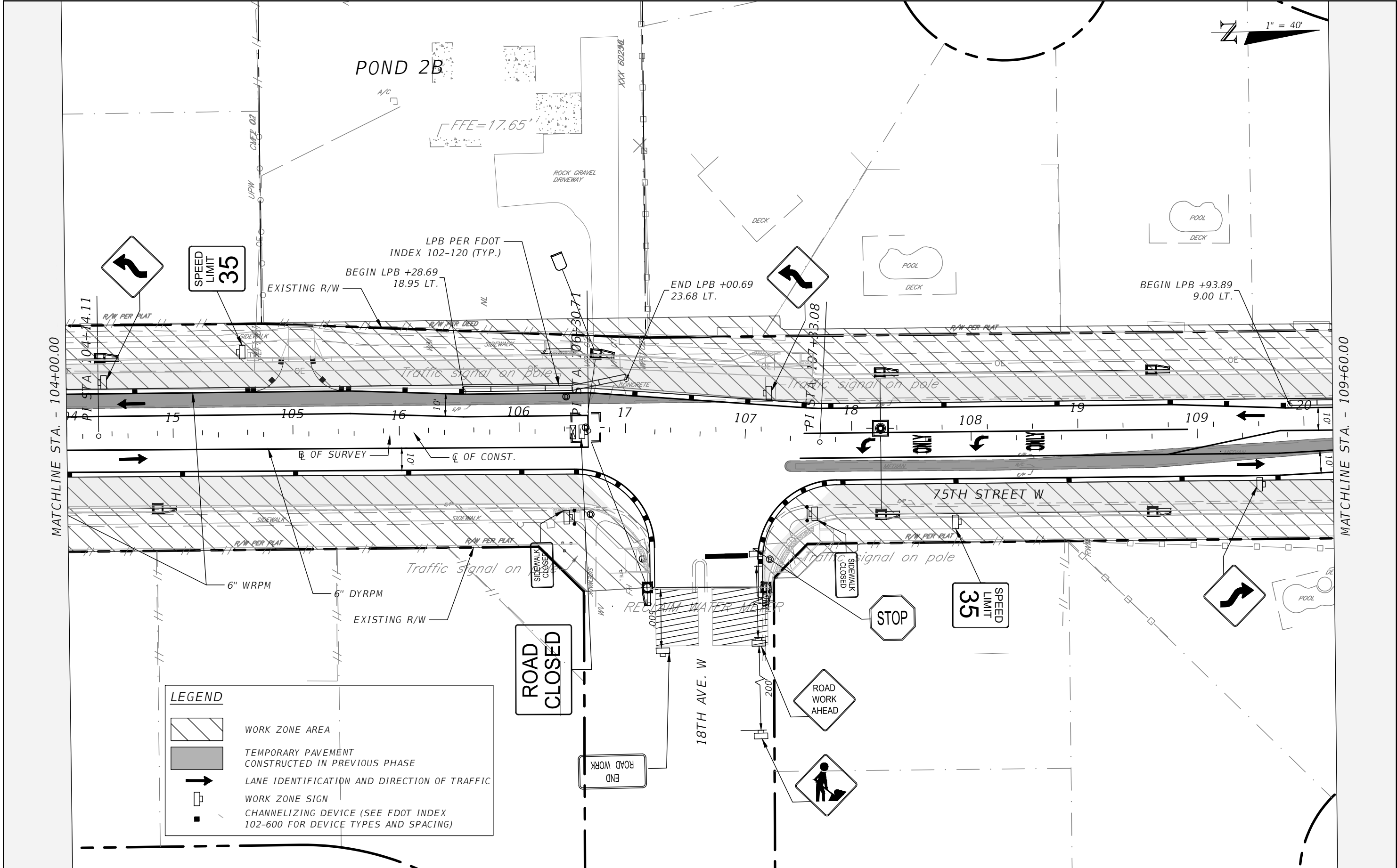
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PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
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**TEMPORARY TRAFFIC CONTROL
PLAN (1) (PHASE I)**

SHEET
NO.

118

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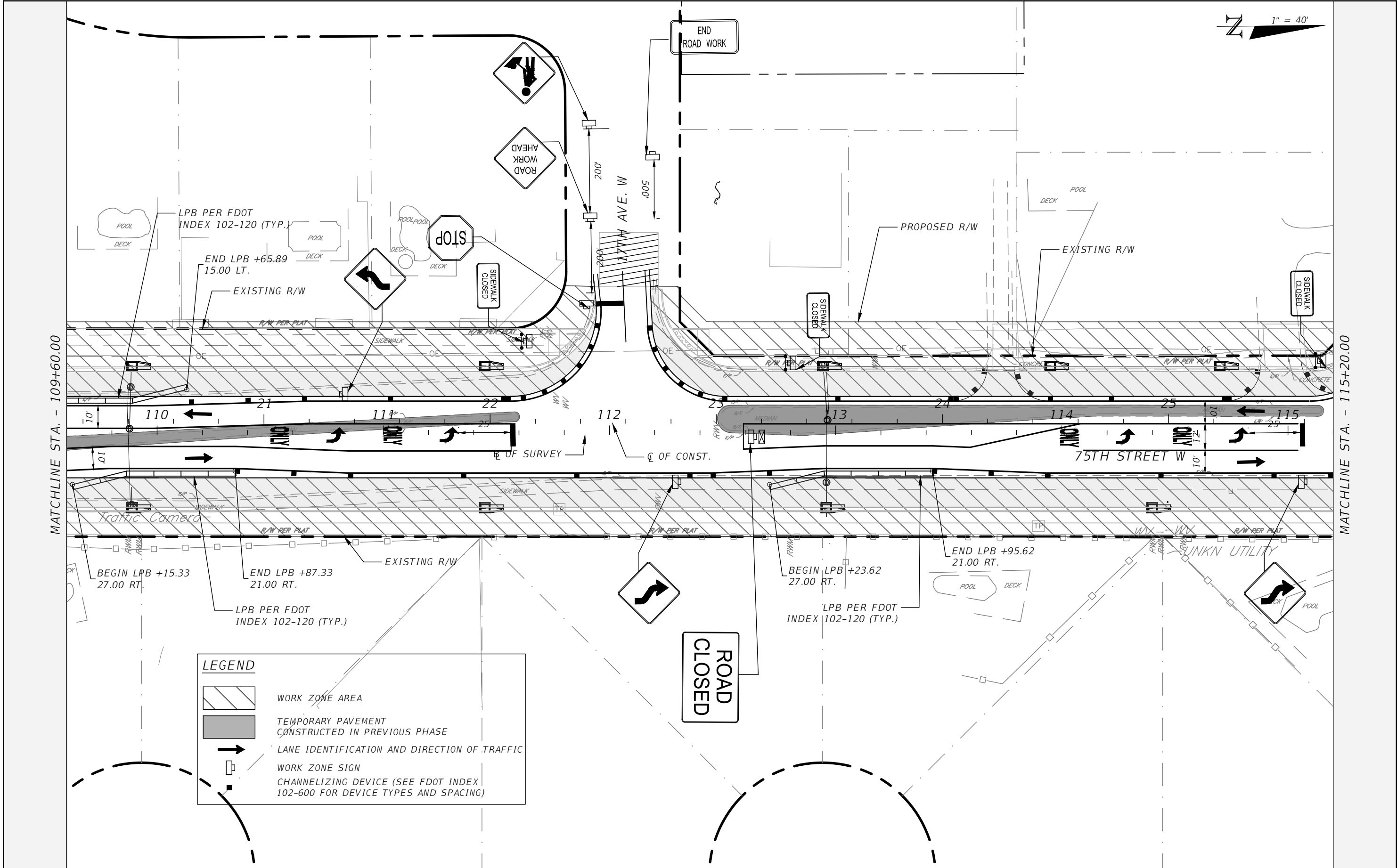
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COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

TEMPORARY TRAFFIC CONTROL
PLAN (2) (PHASE I)

SHEET NO.
119

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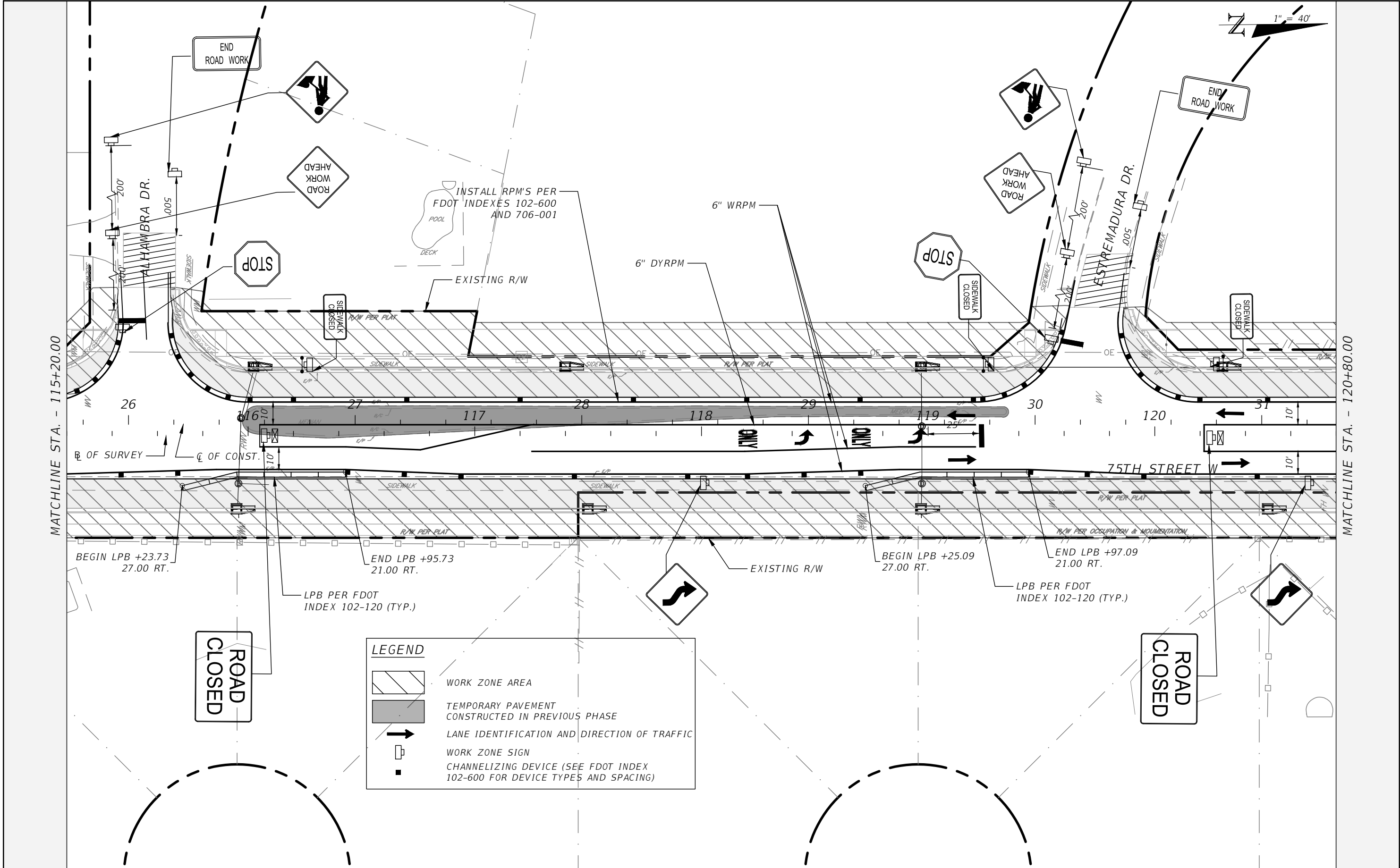


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COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (3) PHASE I**

SHEET NO.
120

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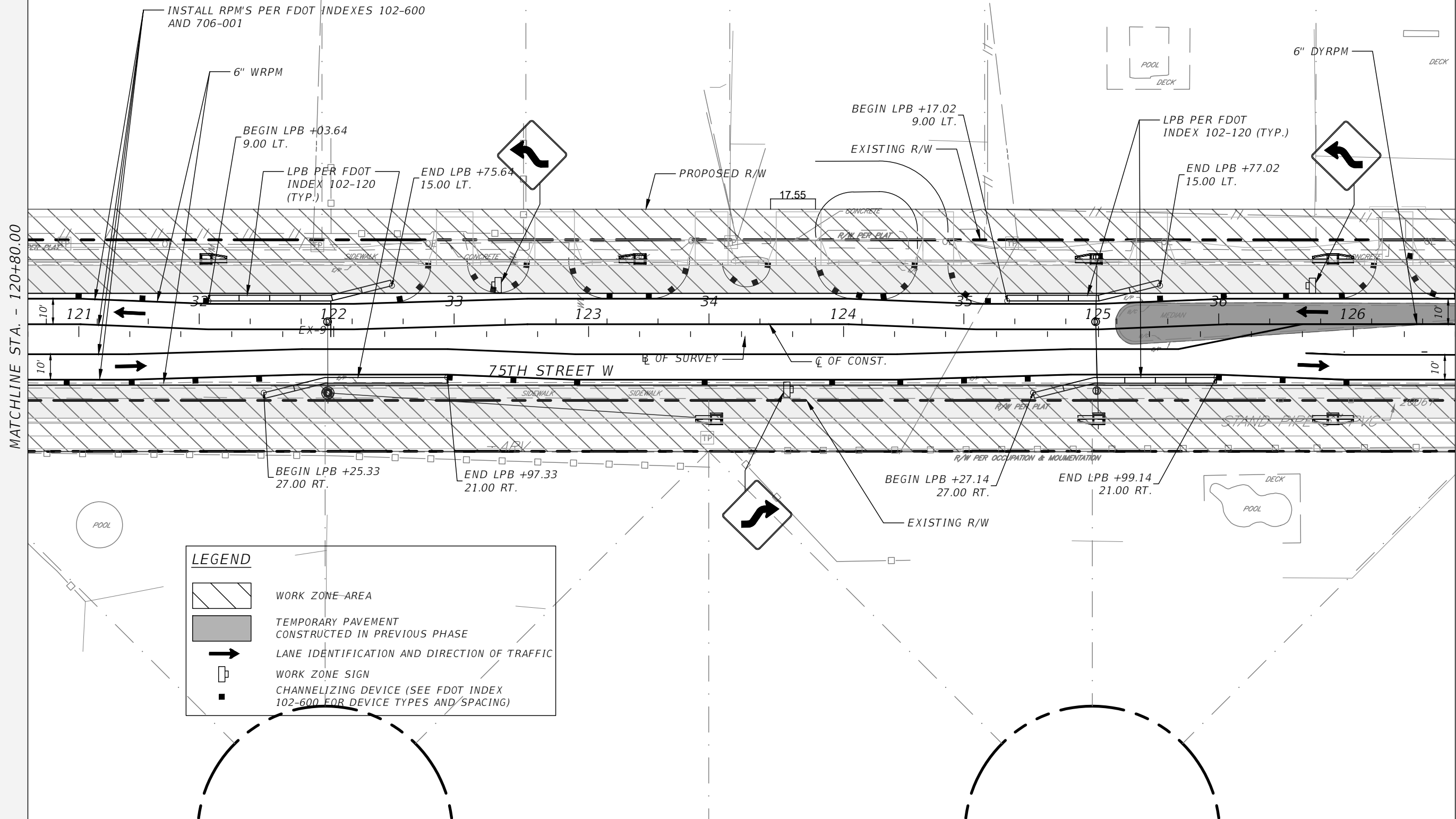


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75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (4) PHASE I**

SHEET NO.
121

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LEGEND

- WORK ZONE-AREA
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS PHASE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS			
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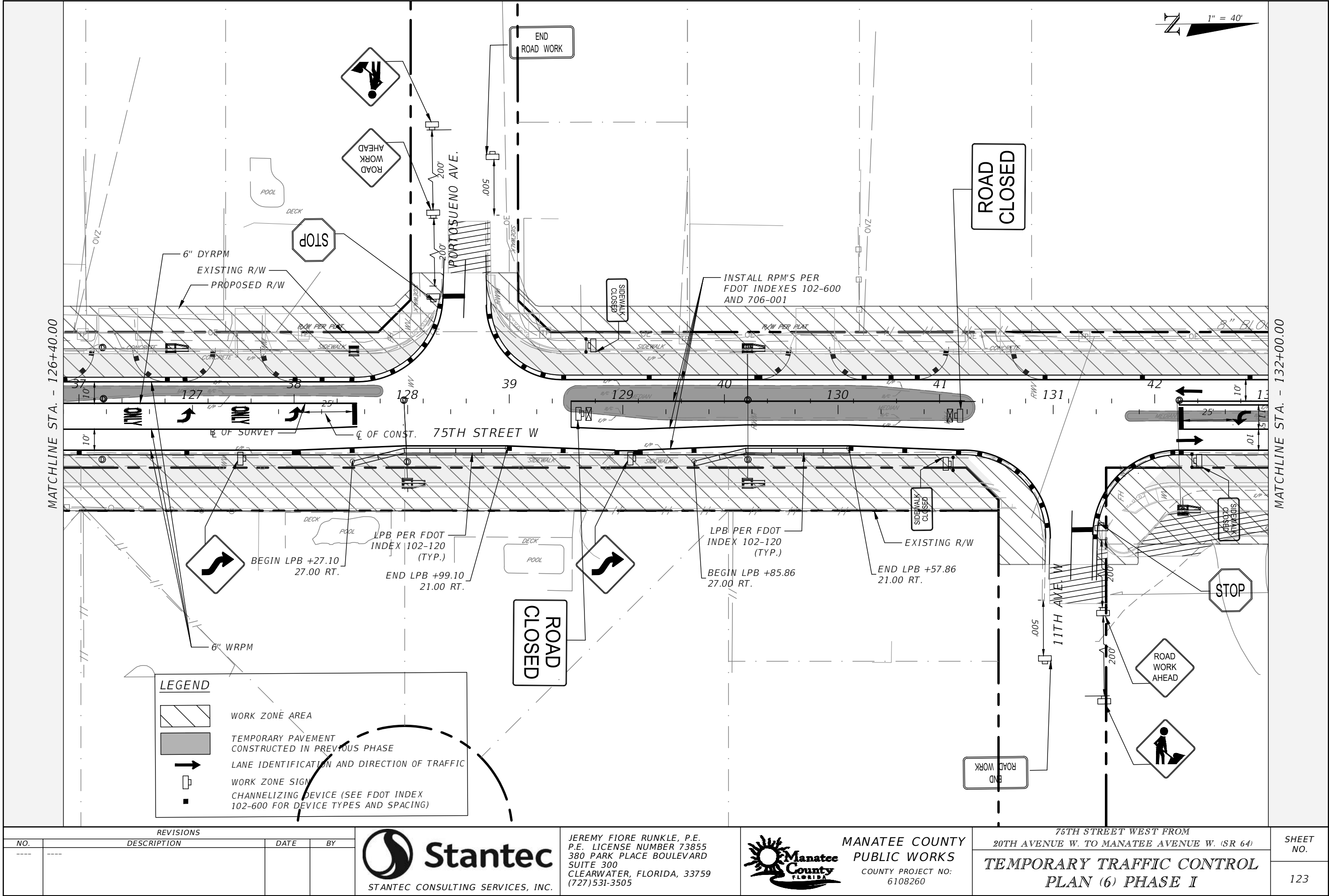
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COUNTY PROJECT NO:
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75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (5) PHASE I**

SHEET NO.
122

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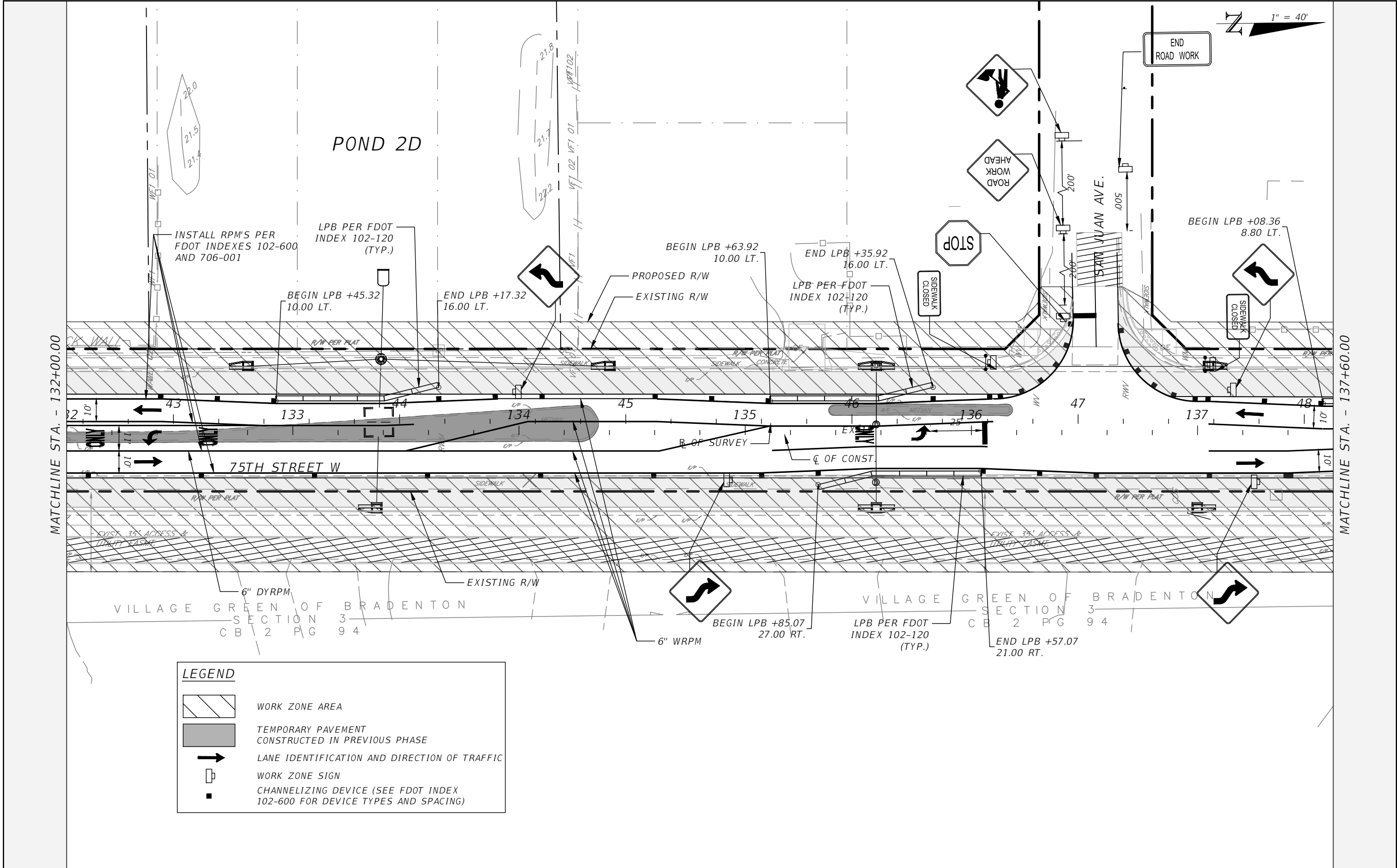


**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (6) PHASE I**

SHEET NO.
123

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LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS PHASE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS			
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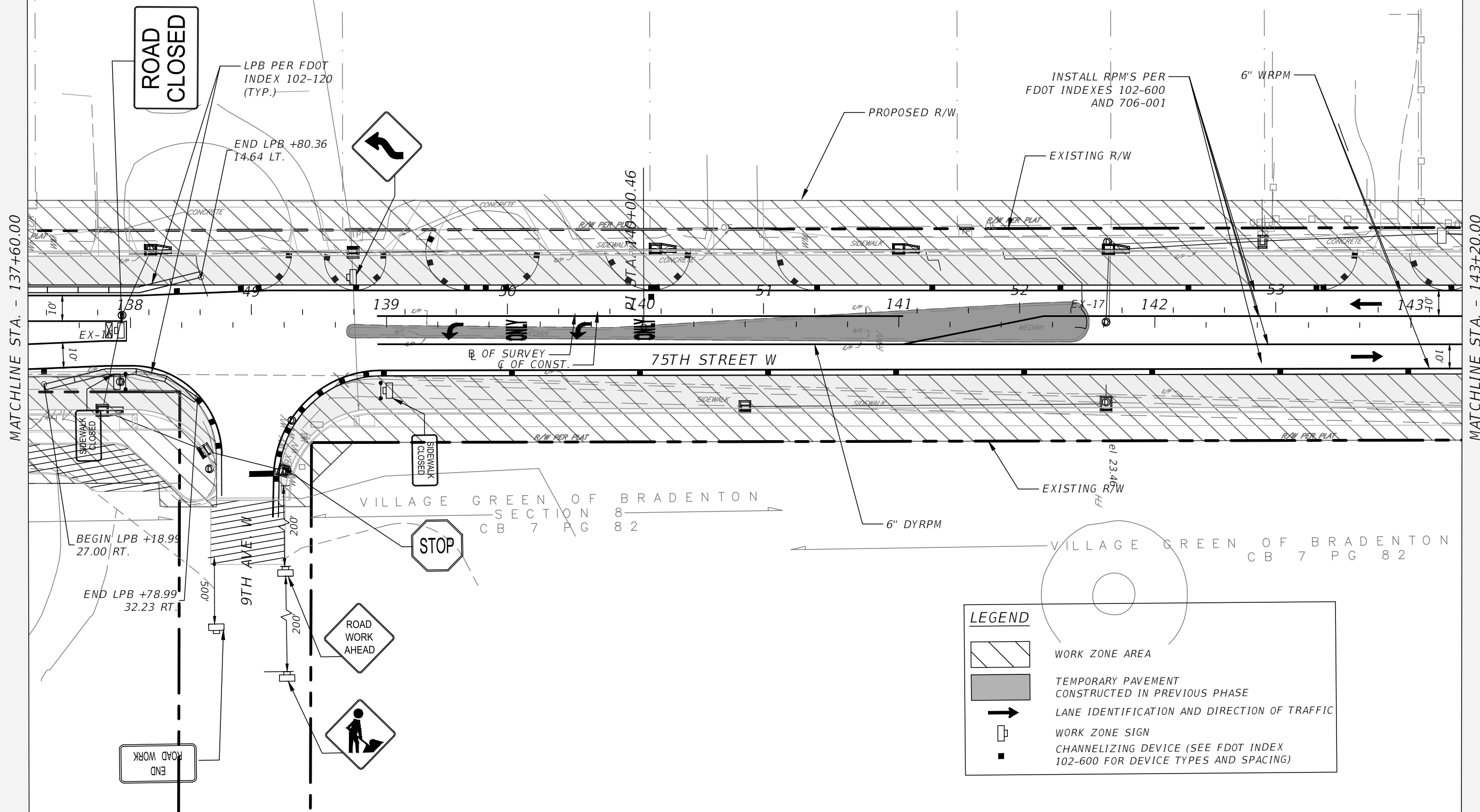


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
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75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (7) PHASE I**

SHEET NO.
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LEGEND

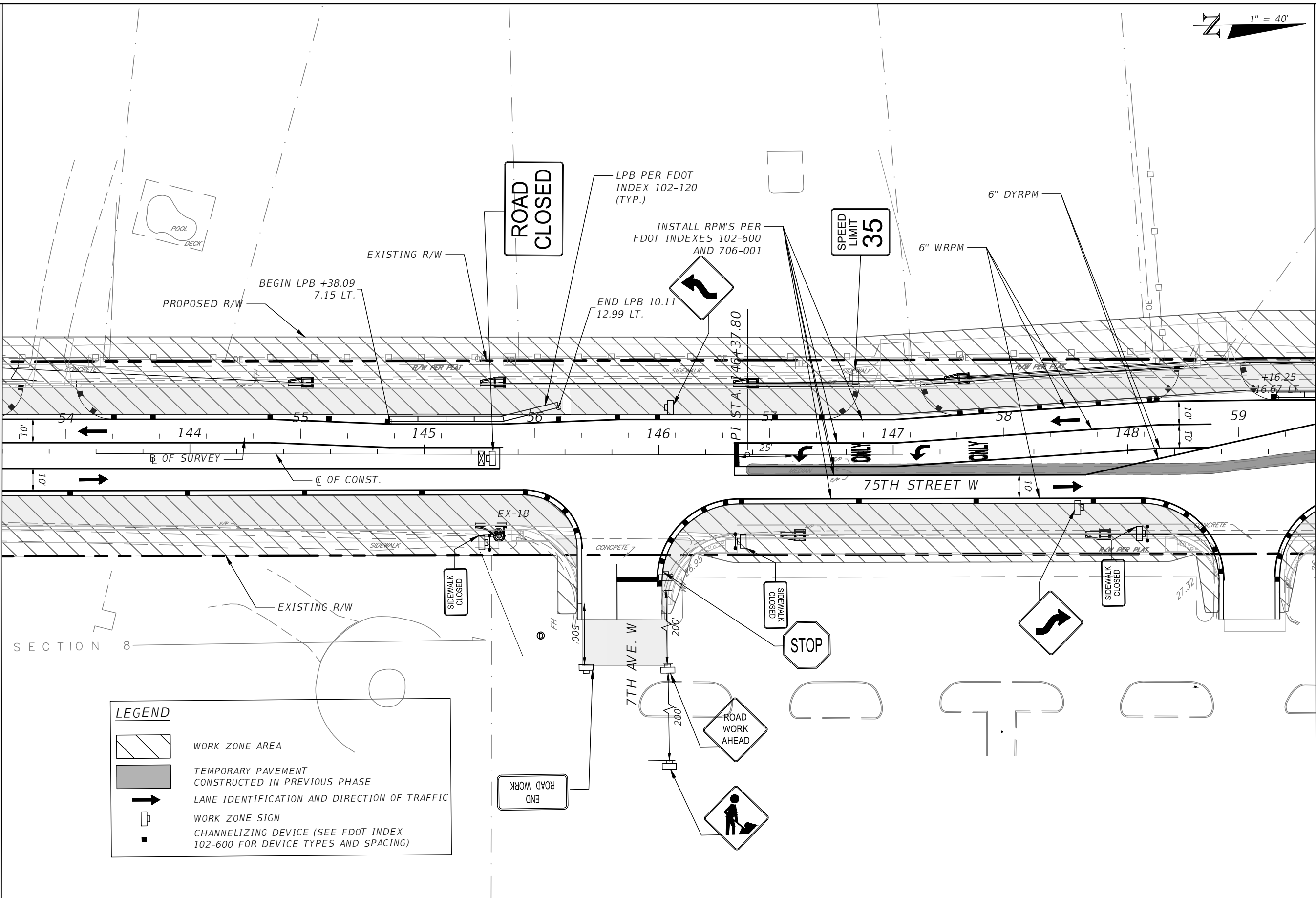
- WORK ZONE AREA
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS PHASE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

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NO.	DESCRIPTION	DATE	BY						
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MATCHLINE STA. - 143+20.00

MATCHLINE STA. - 148+80.00



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS PHASE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

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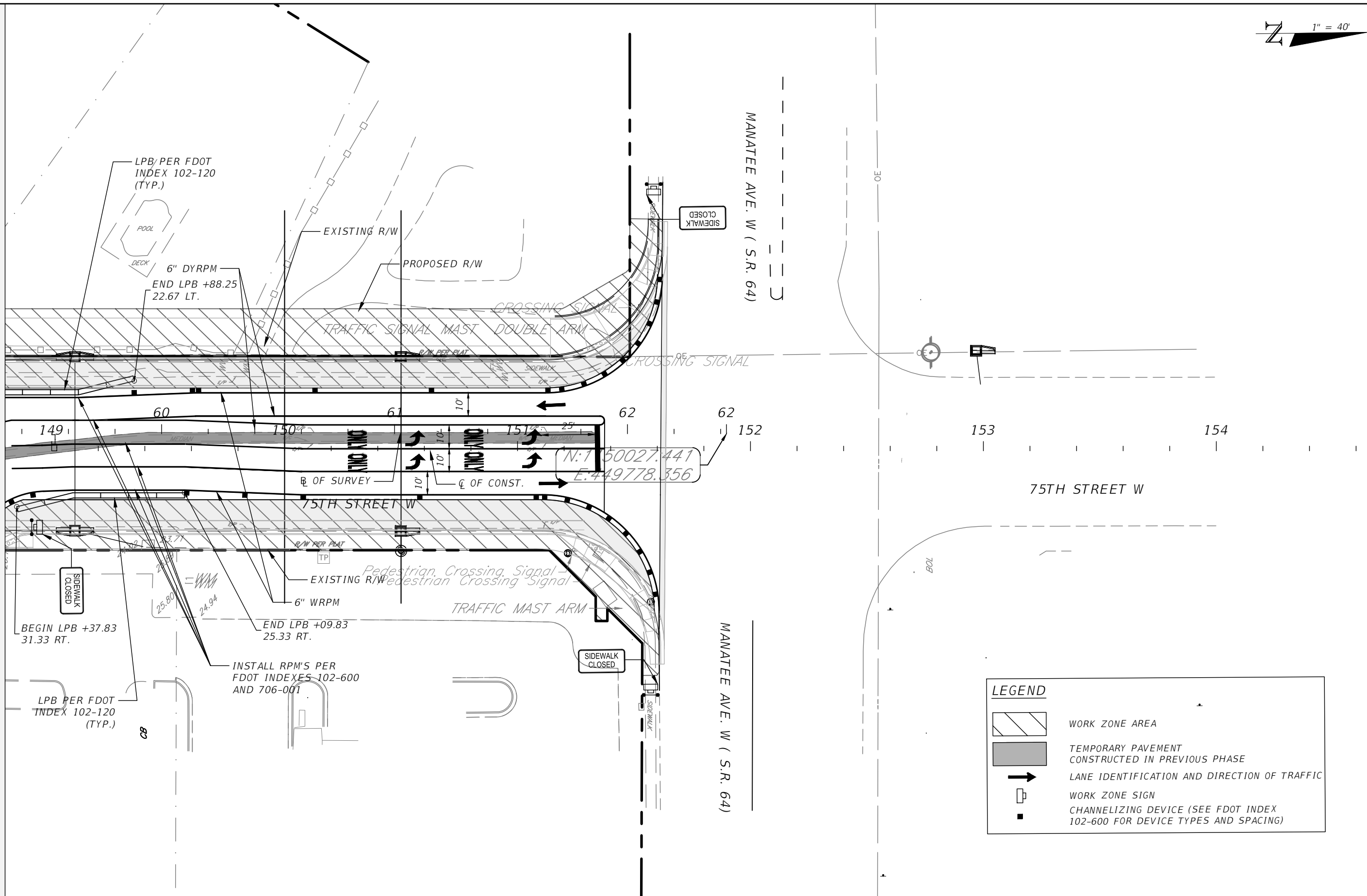
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
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**TEMPORARY TRAFFIC CONTROL
PLAN (9) PHASE I**

SHEET NO.
126

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MATCHLINE STA. - 148+80.00



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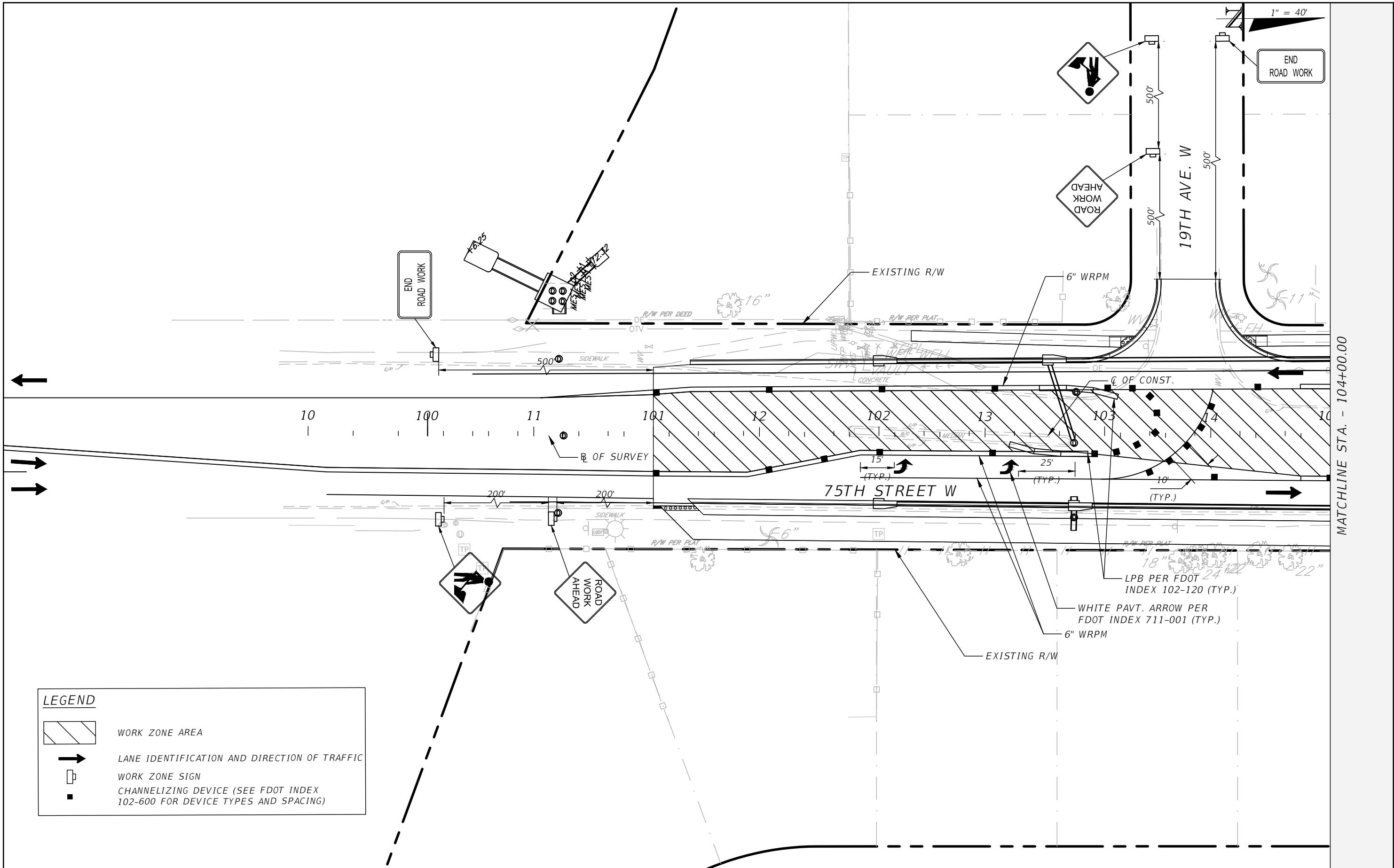


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MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
TEMPORARY TRAFFIC CONTROL PLAN (10) PHASE I		
		127



LEGEND

- WORK ZONE AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS			
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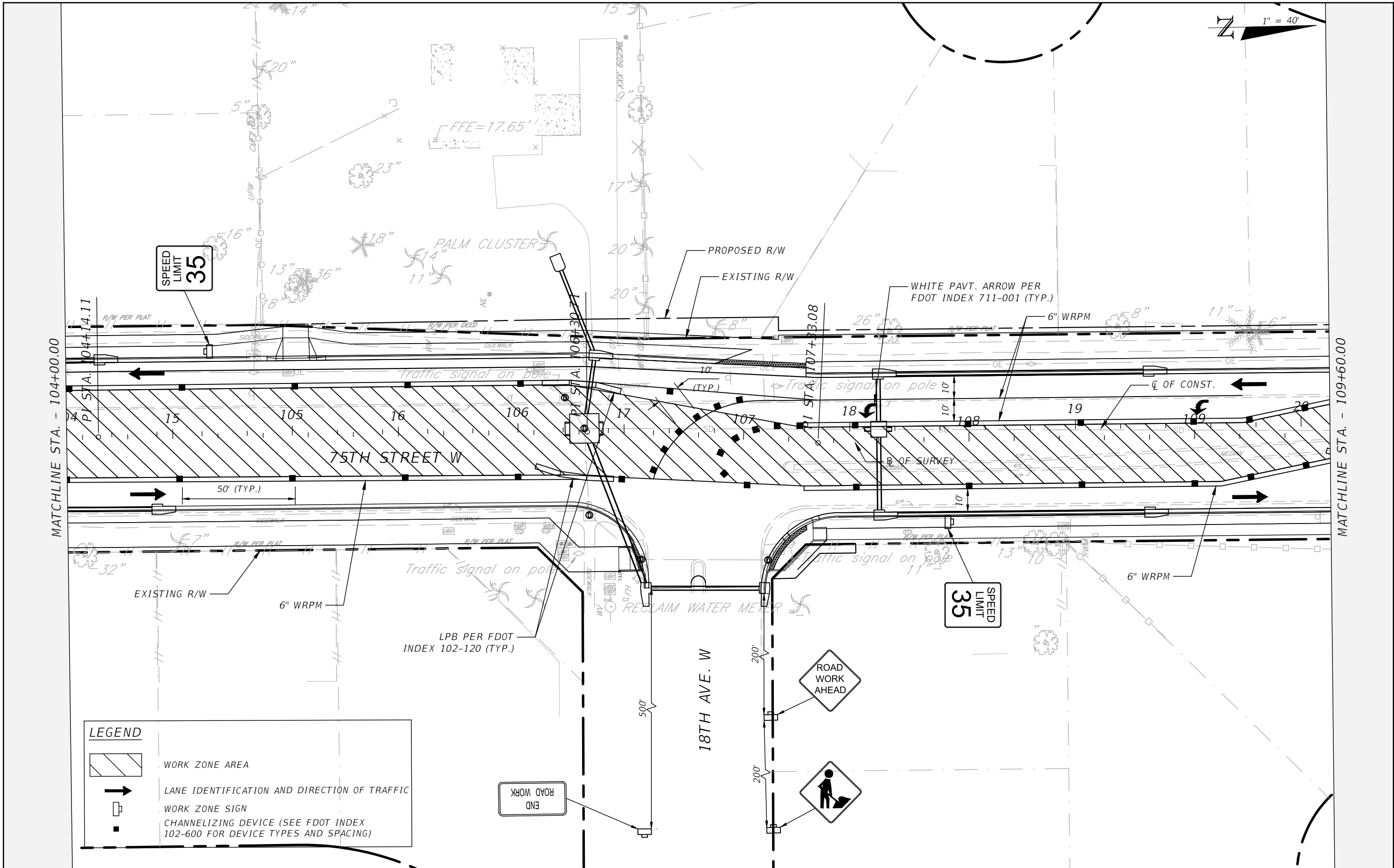


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (1) (PHASE II)**

SHEET NO.
128

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CLEARWATER, FLORIDA, 33759
(727) 531-3505

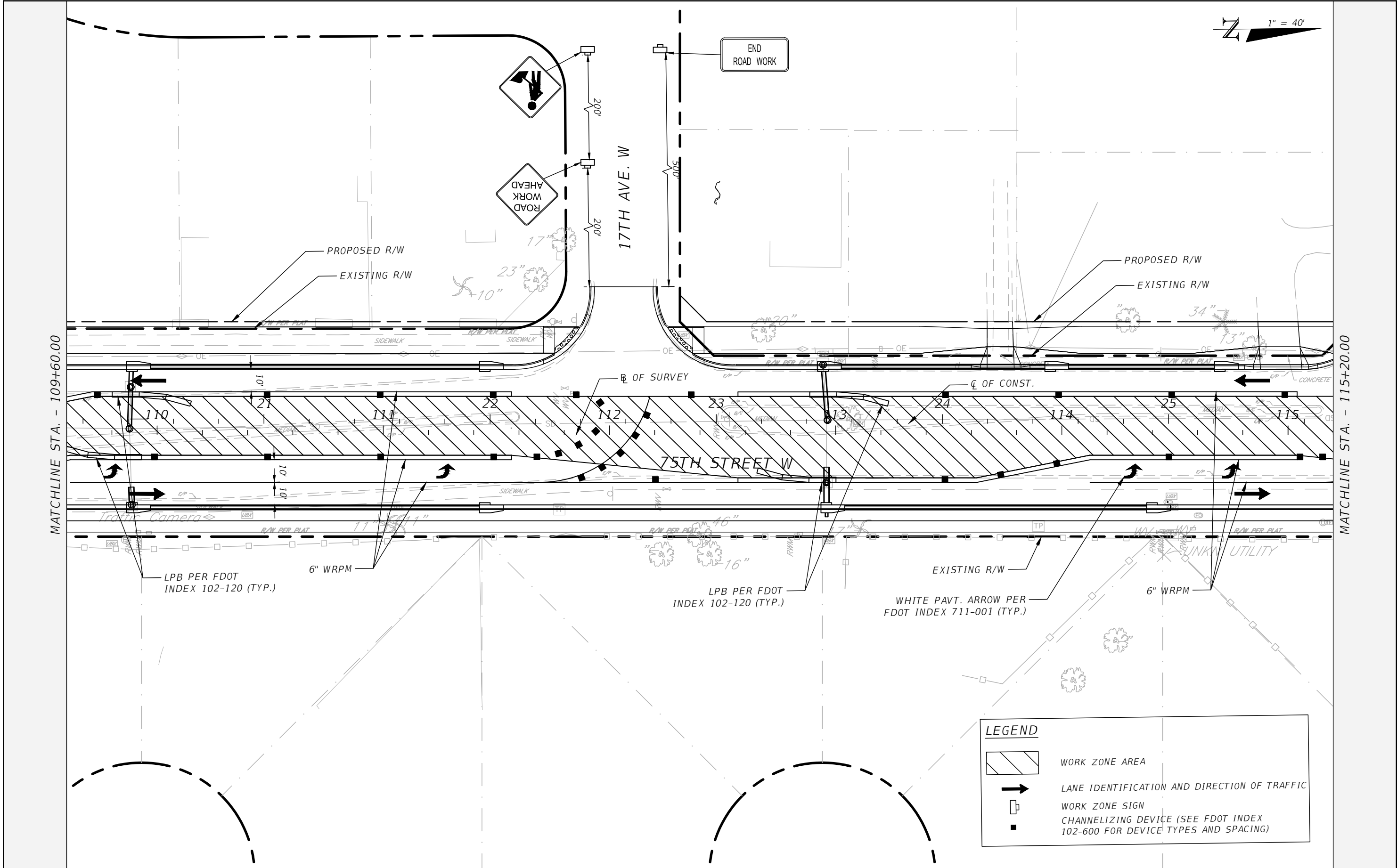


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (2) (PHASE II)**

SHEET NO.
129

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

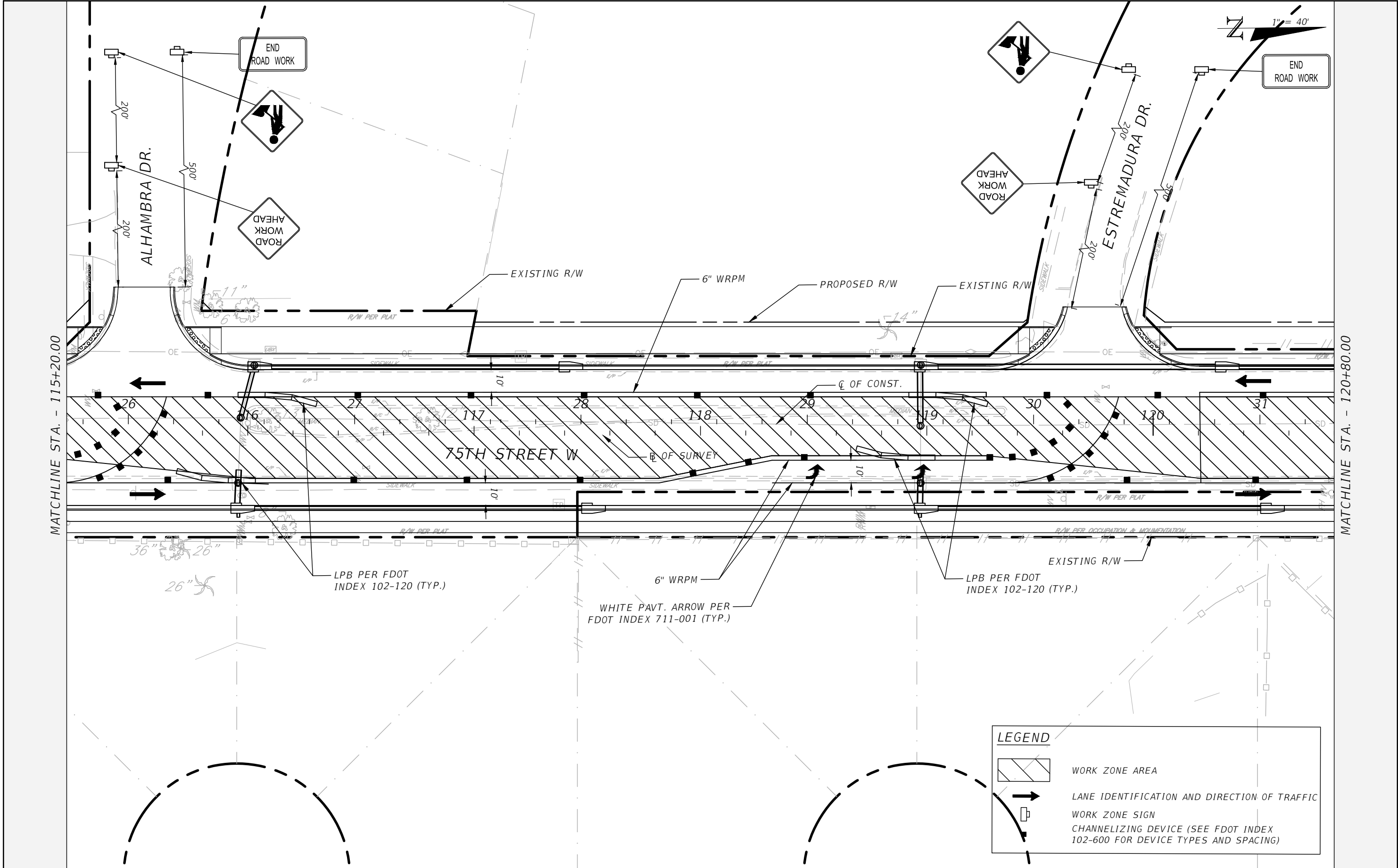


**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (3) (PHASE II)**

SHEET NO.
130

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(727) 531-3505



MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

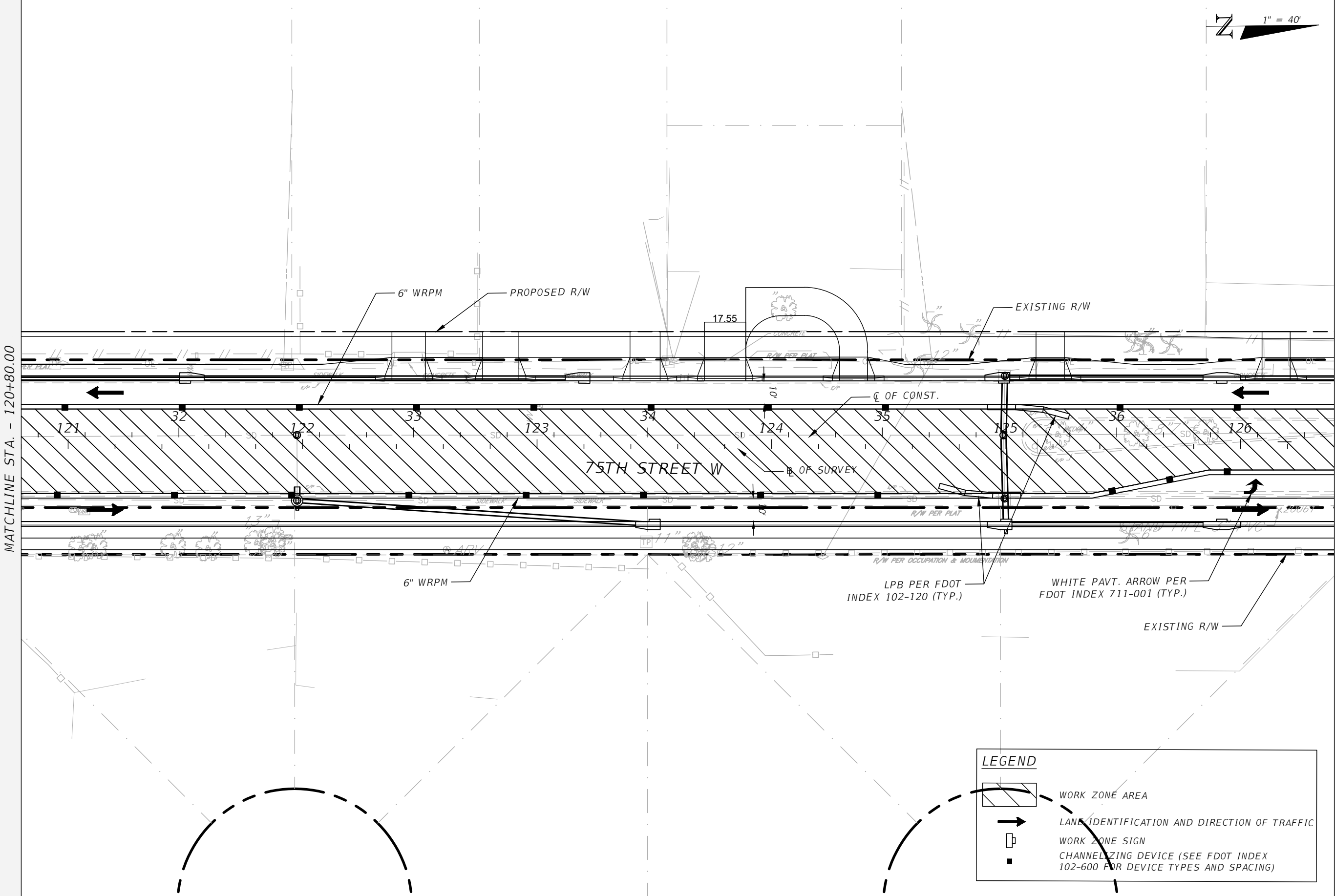
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (4) (PHASE II)**

SHEET NO.
131

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 120+80.00

MATCHLINE STA. - 126+40.00



LEGEND

- WORK ZONE AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



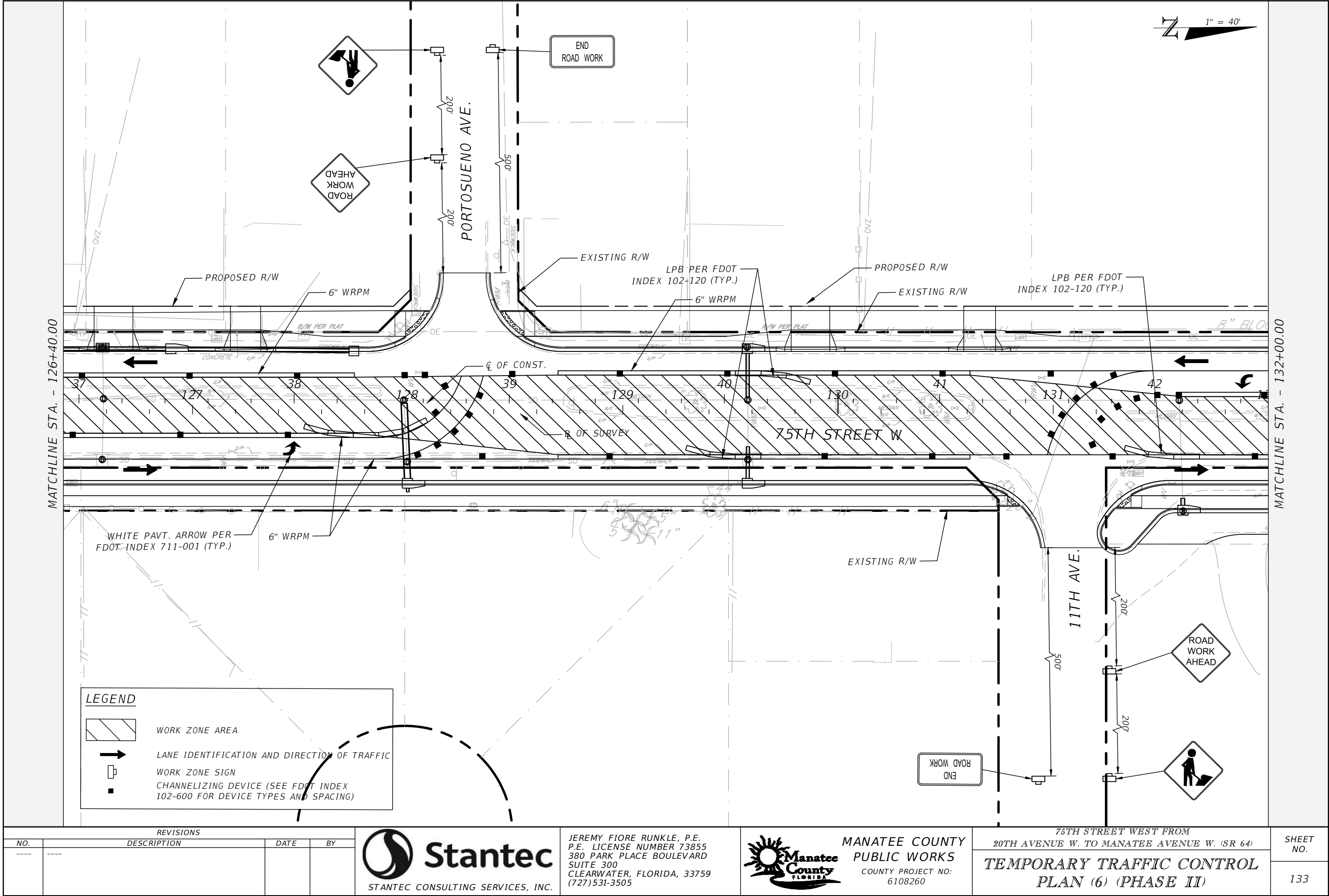
**MANATEE COUNTY
PUBLIC WORKS**

COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (5) (PHASE II)**

SHEET
NO.

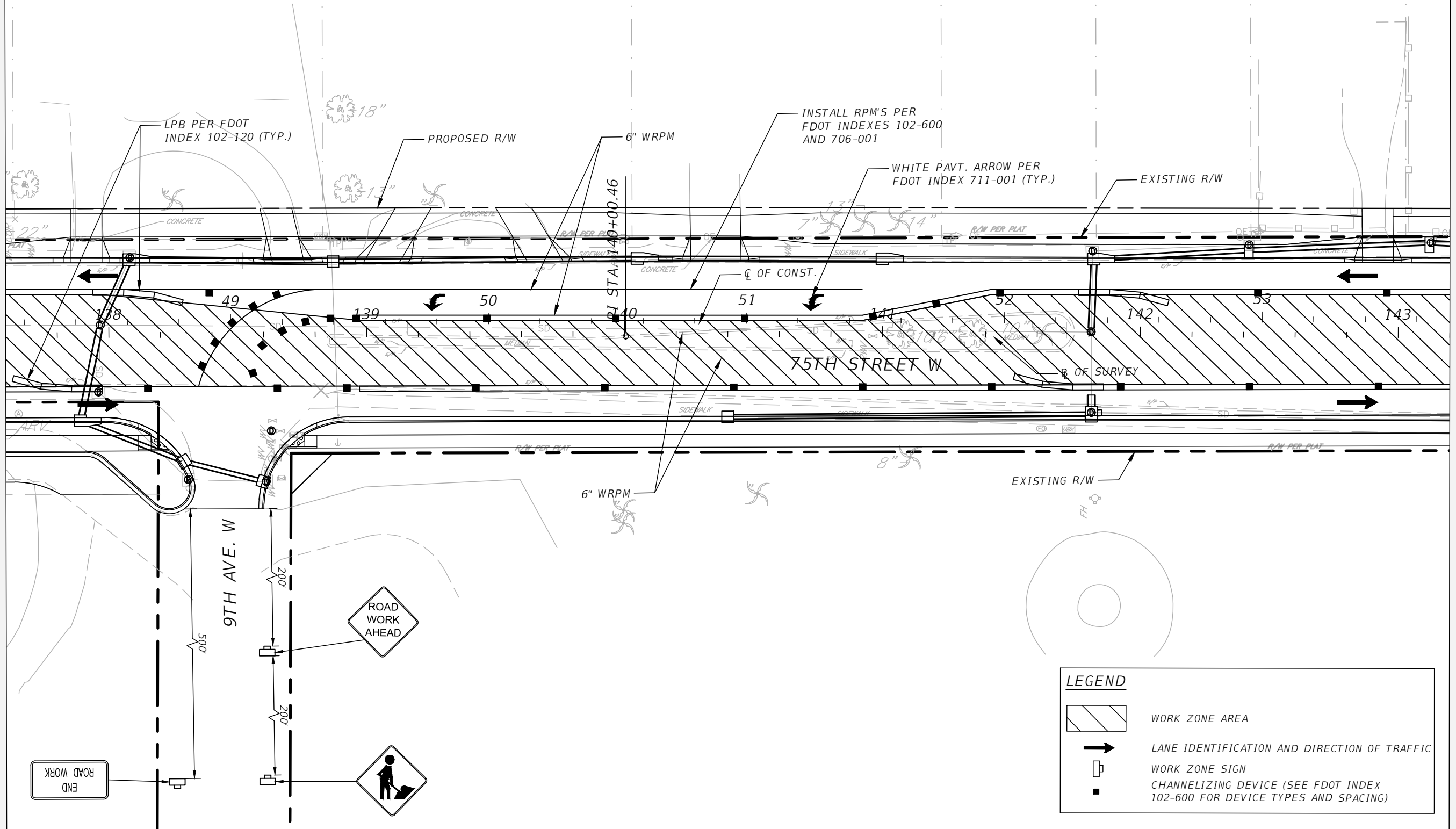
132



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MATCHLINE STA. - 137+60.00

MATCHLINE STA. - 143+20.00



LEGEND

	WORK ZONE AREA
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	WORK ZONE SIGN
	CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS			
NO.	DESCRIPTION	DATE	BY



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(727) 531-3505



MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

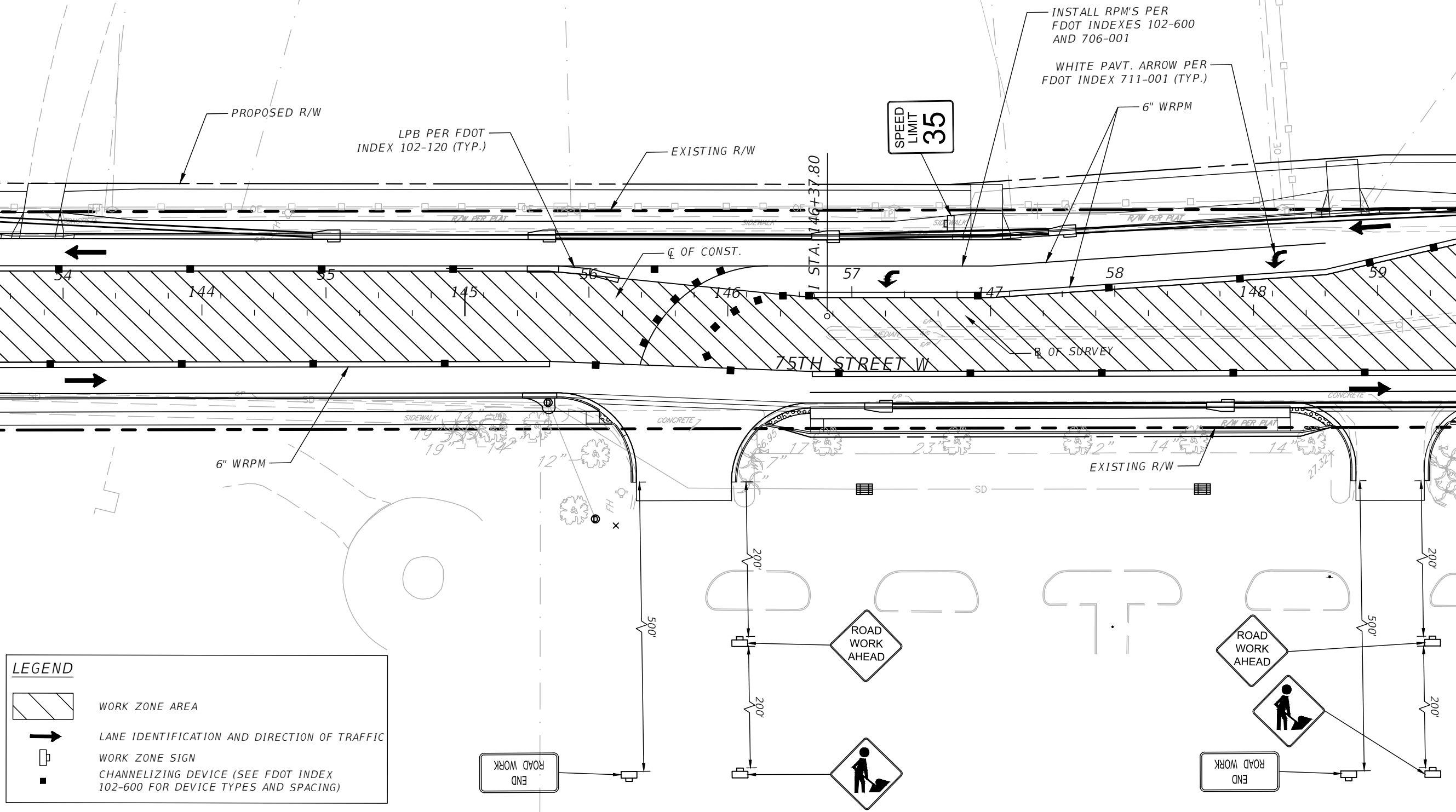
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (8) (PHASE II)**

SHEET
NO.

135

MATCHLINE STA. - 143+20.00

MATCHLINE STA. - 148+80.00



LEGEND

- WORK ZONE AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS			
NO.	DESCRIPTION	DATE	BY

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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



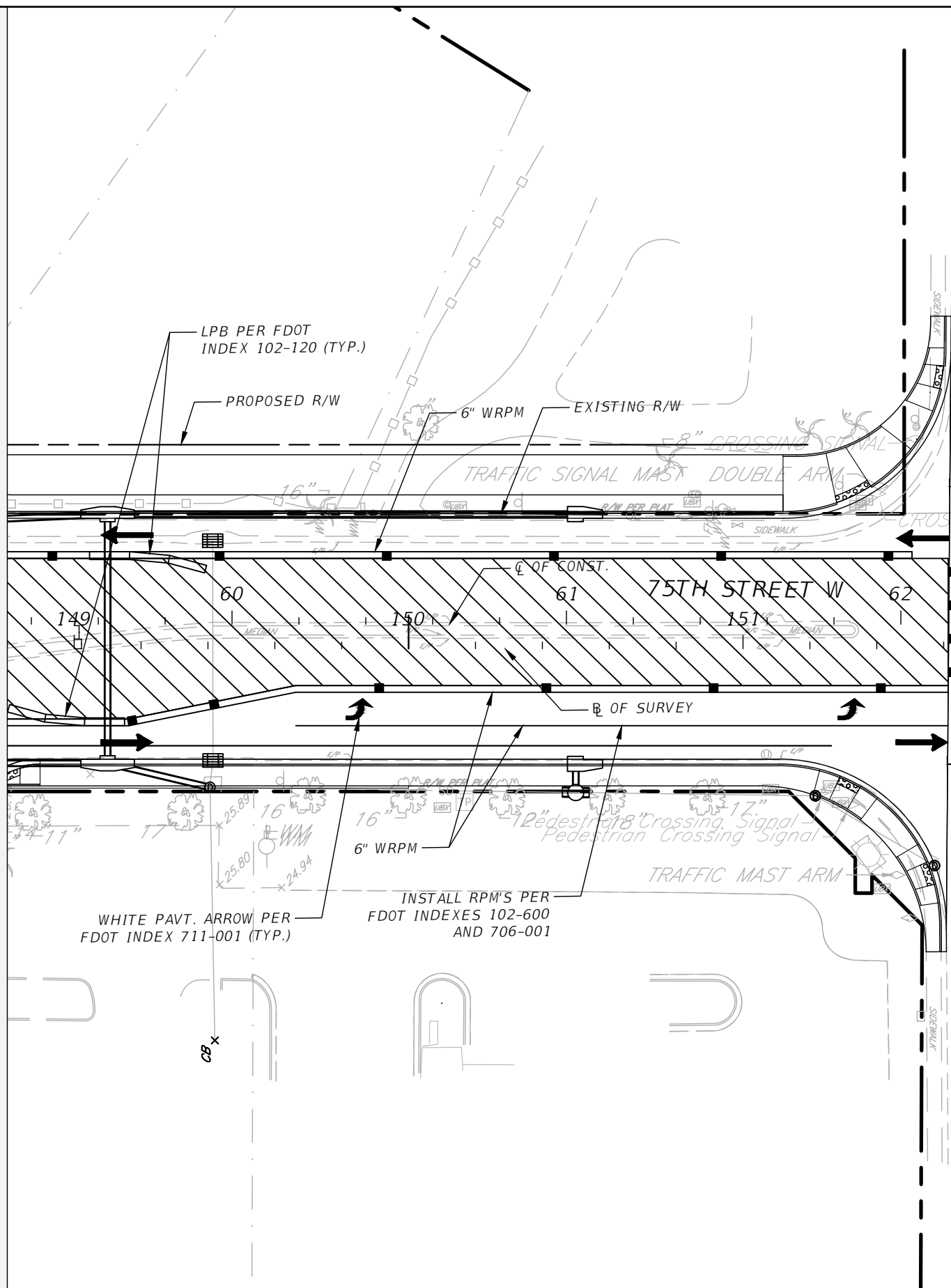
MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (9) (PHASE II)**

SHEET
NO.

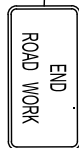
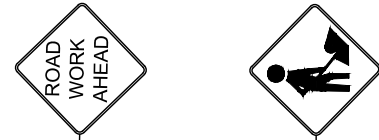
136

MATCHLINE STA. - 148+80.00



MANATEE AVE. (SR 64)

MANATEE AVE. (SR 64)



LEGEND

- WORK ZONE AREA
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

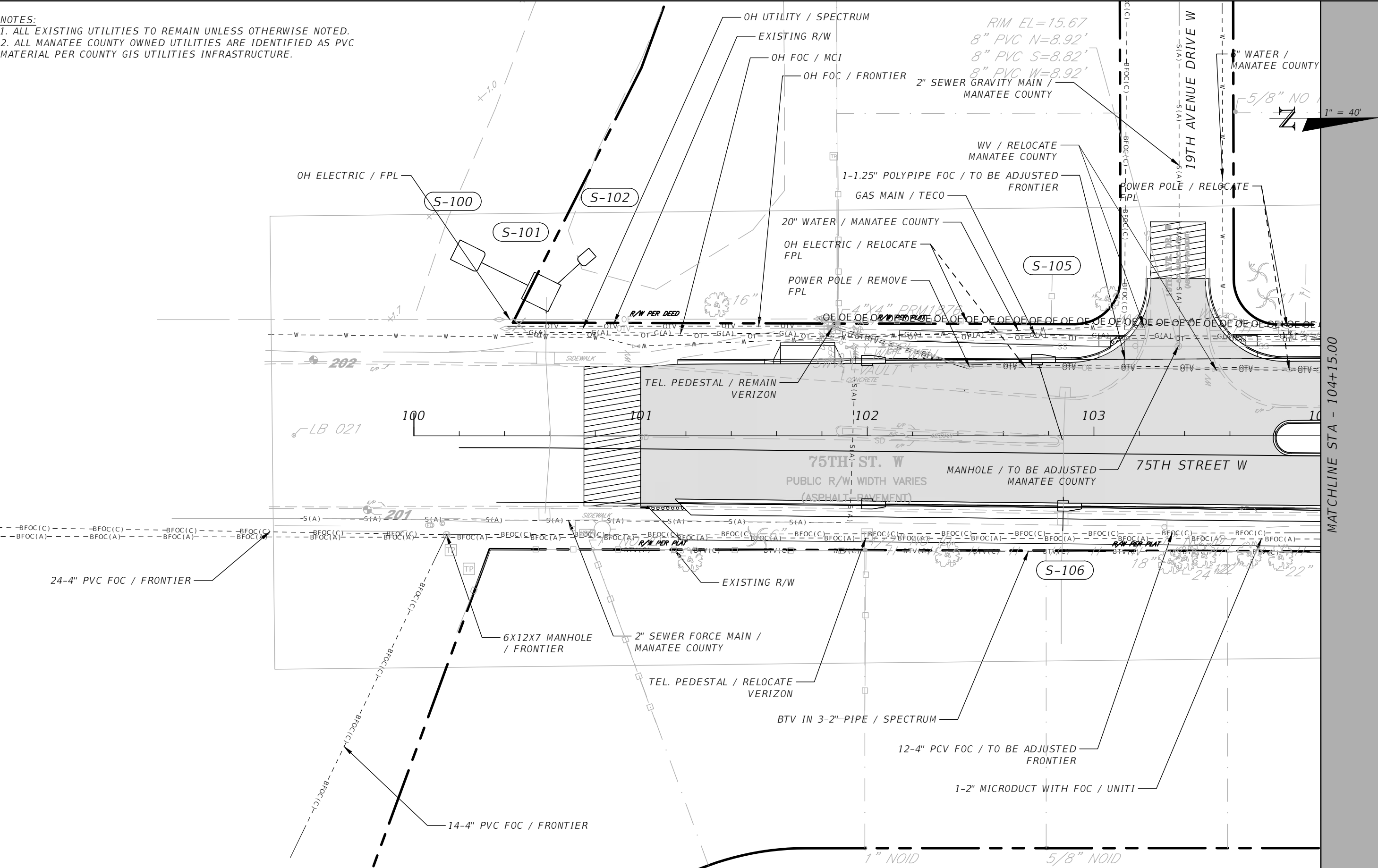


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
**TEMPORARY TRAFFIC CONTROL
PLAN (10) (PHASE II)**

SHEET
NO.
137

NOTES:
1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.



REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

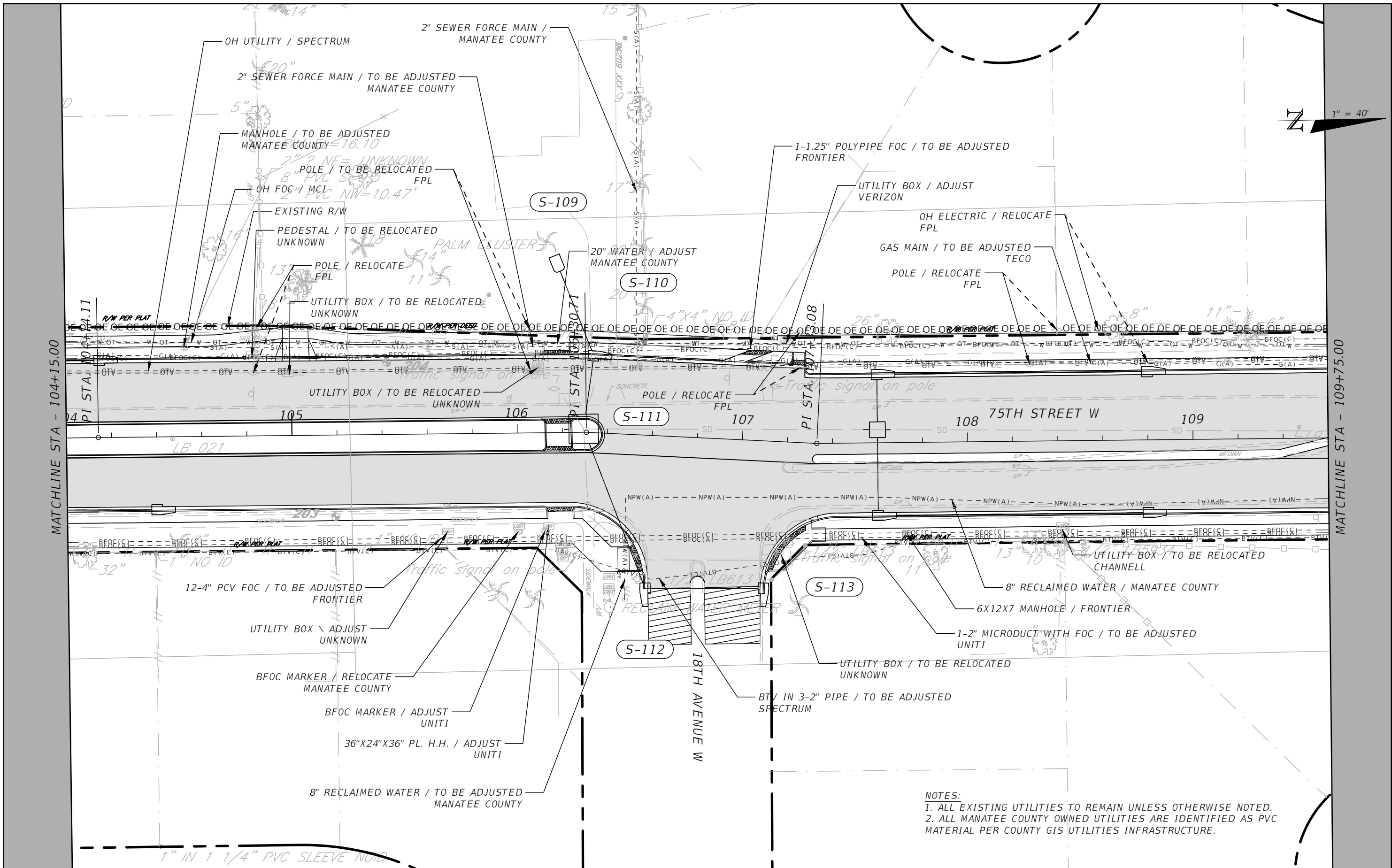


**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT (1)

SHEET
NO.
138

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NOTES:
1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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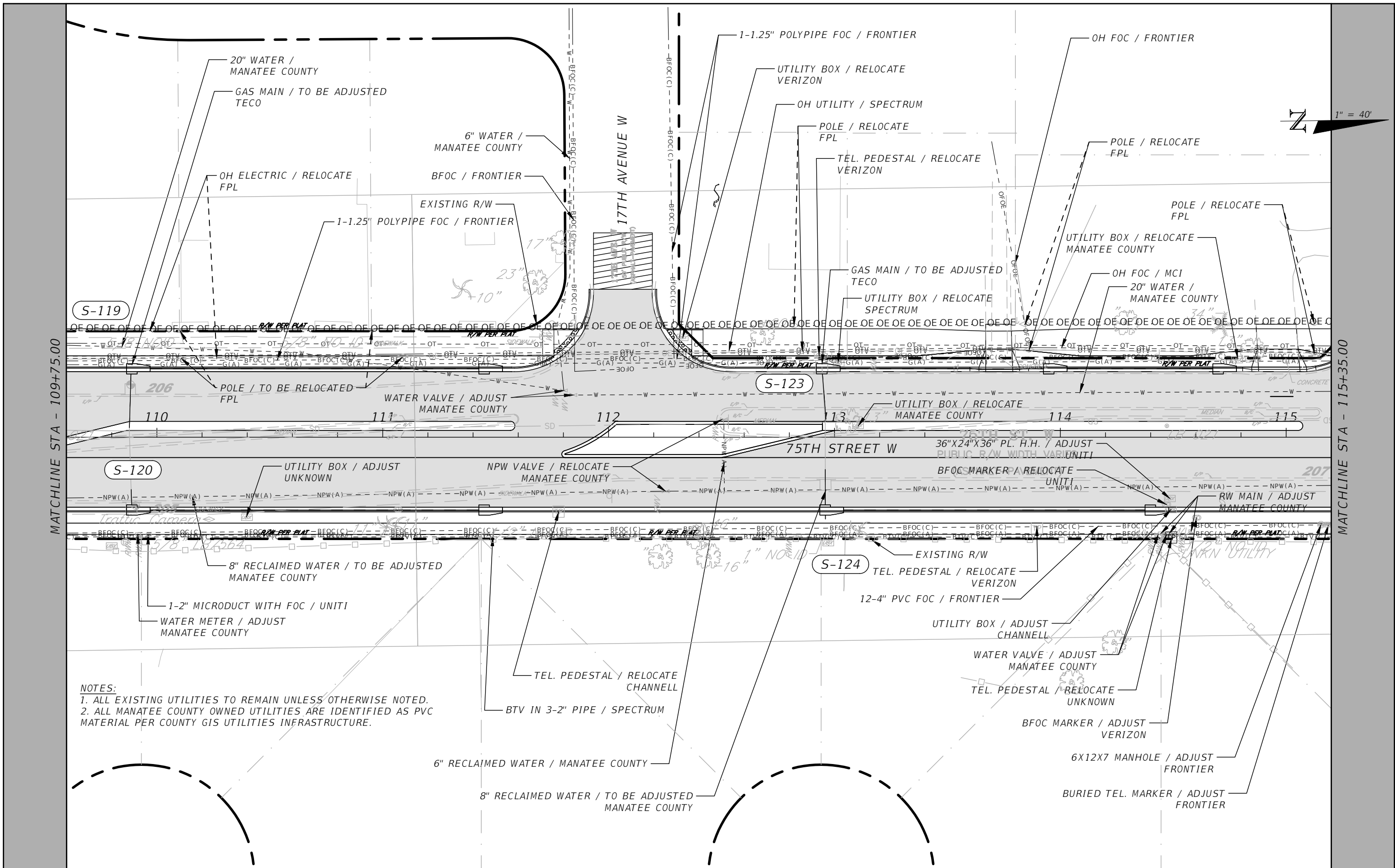
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT (2)

SHEET
NO.
139



NOTES:
1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



**MANATEE COUNTY
PUBLIC WORKS**

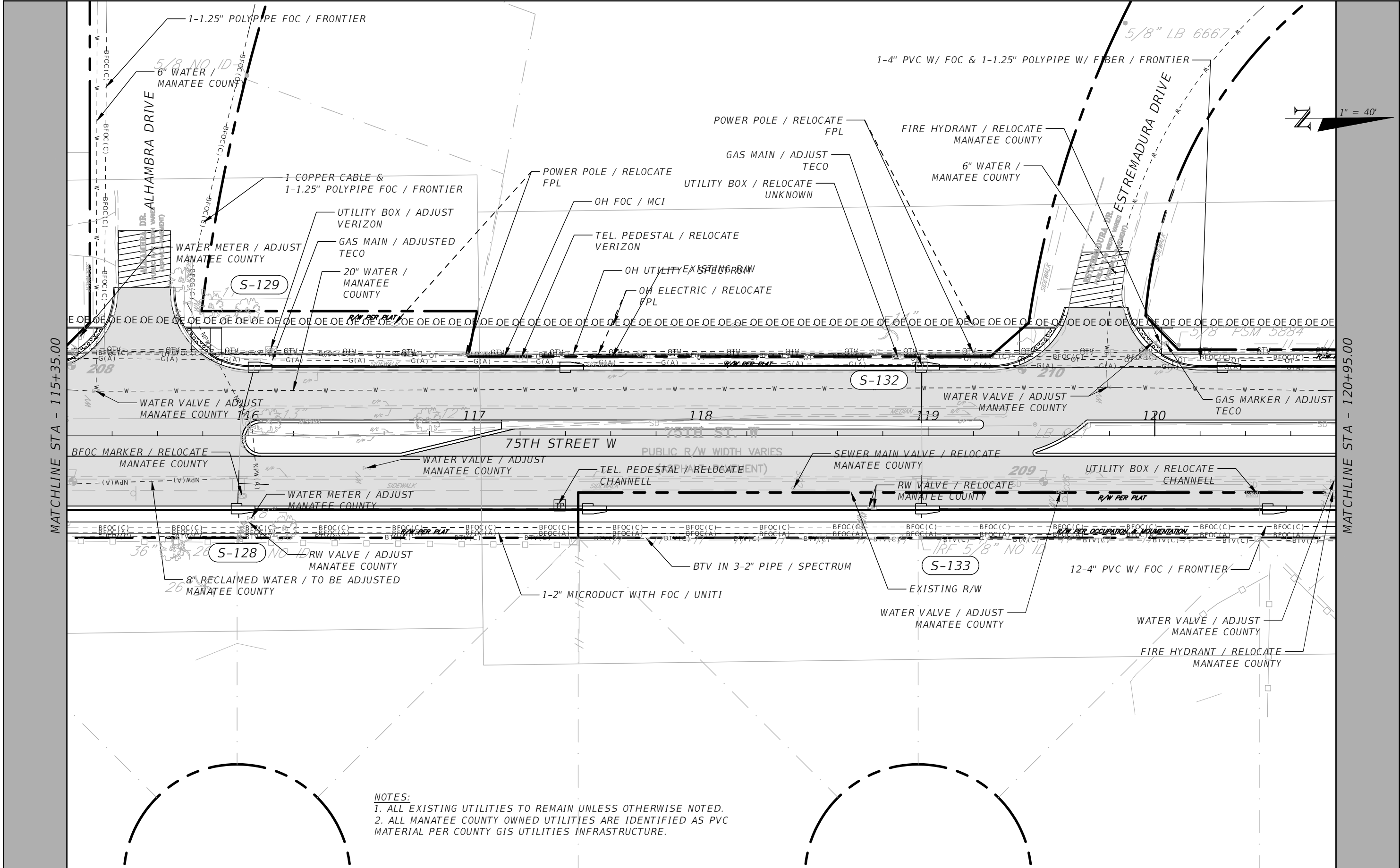
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT (3)

SHEET
NO.

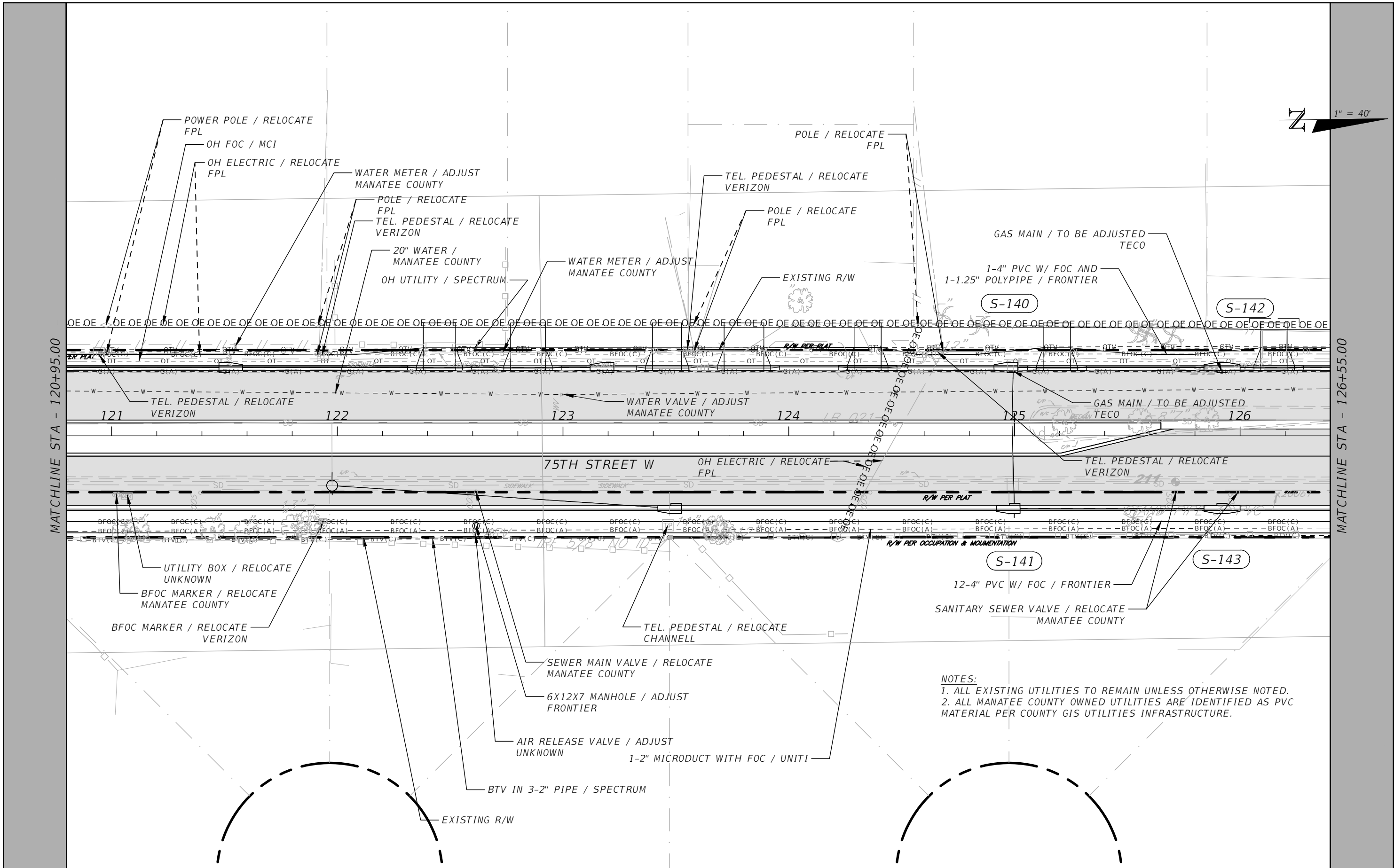
140

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REVISIONS				 STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				UTILITY ADJUSTMENT (4)	141
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REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

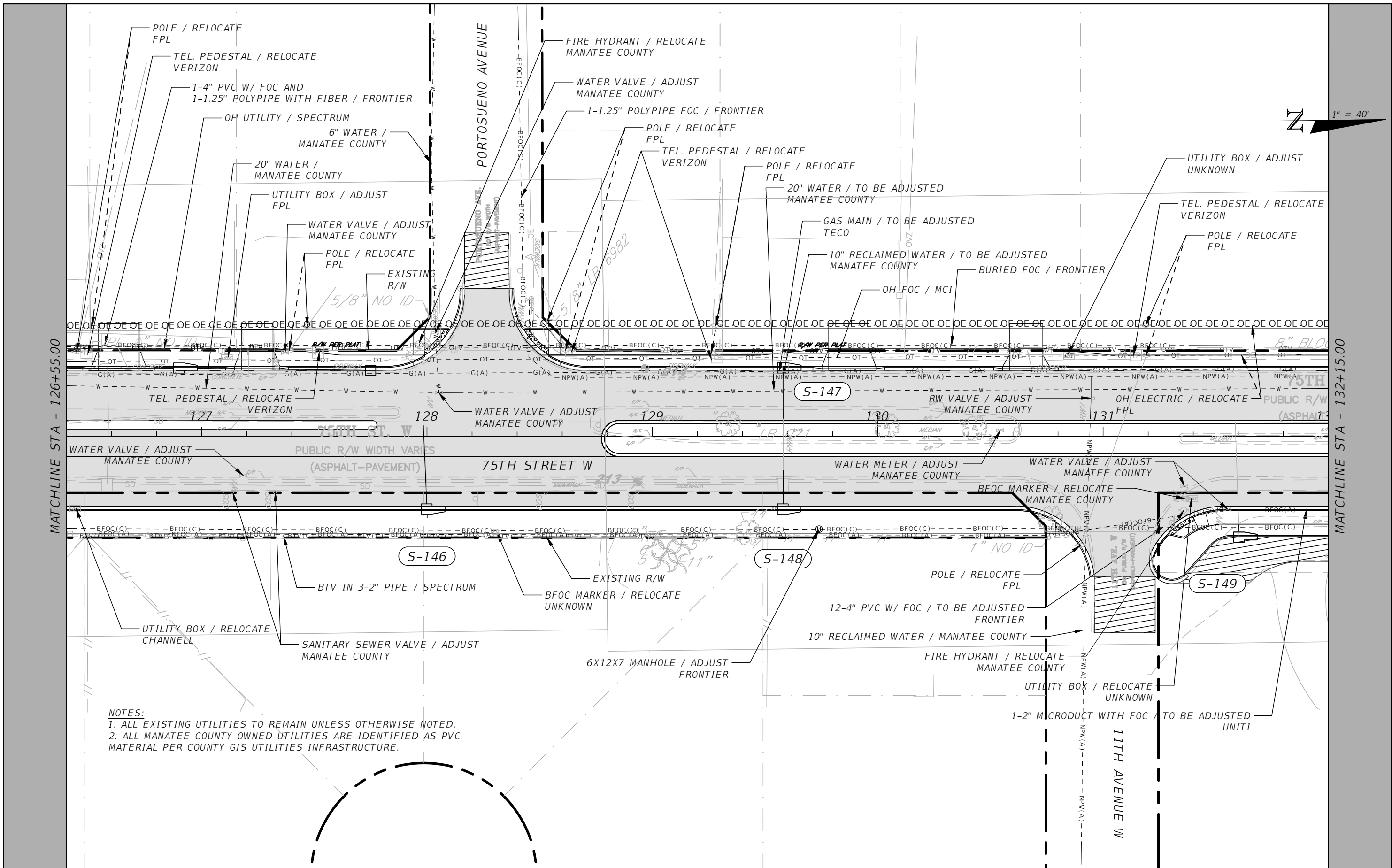


**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT (5)

SHEET NO.
142

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NOTES:
1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

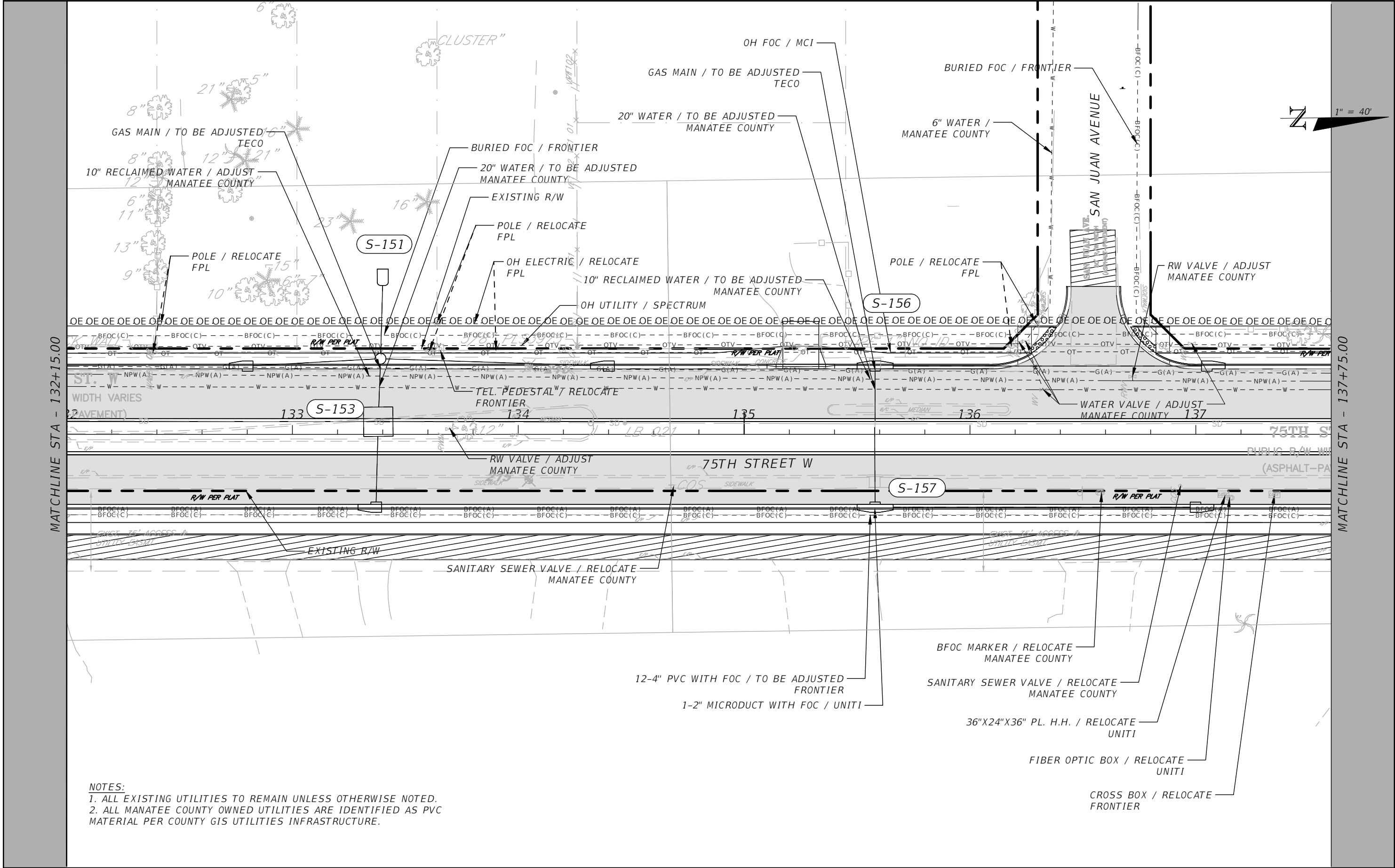


**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT (6)

SHEET NO.
143

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NOTES:
1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505



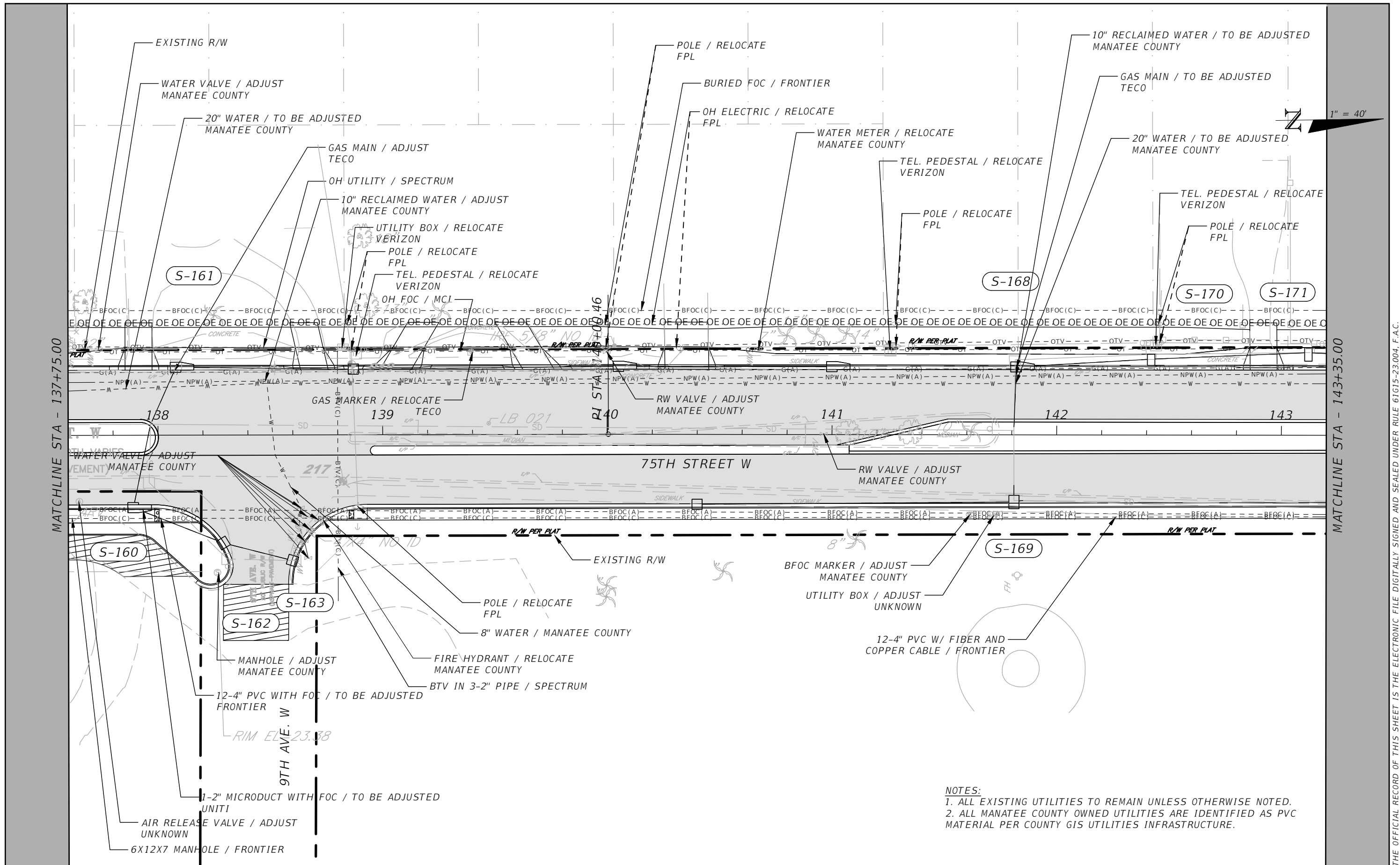
**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)

UTILITY ADJUSTMENT (7)

SHEET NO.
144

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTES:
1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
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REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

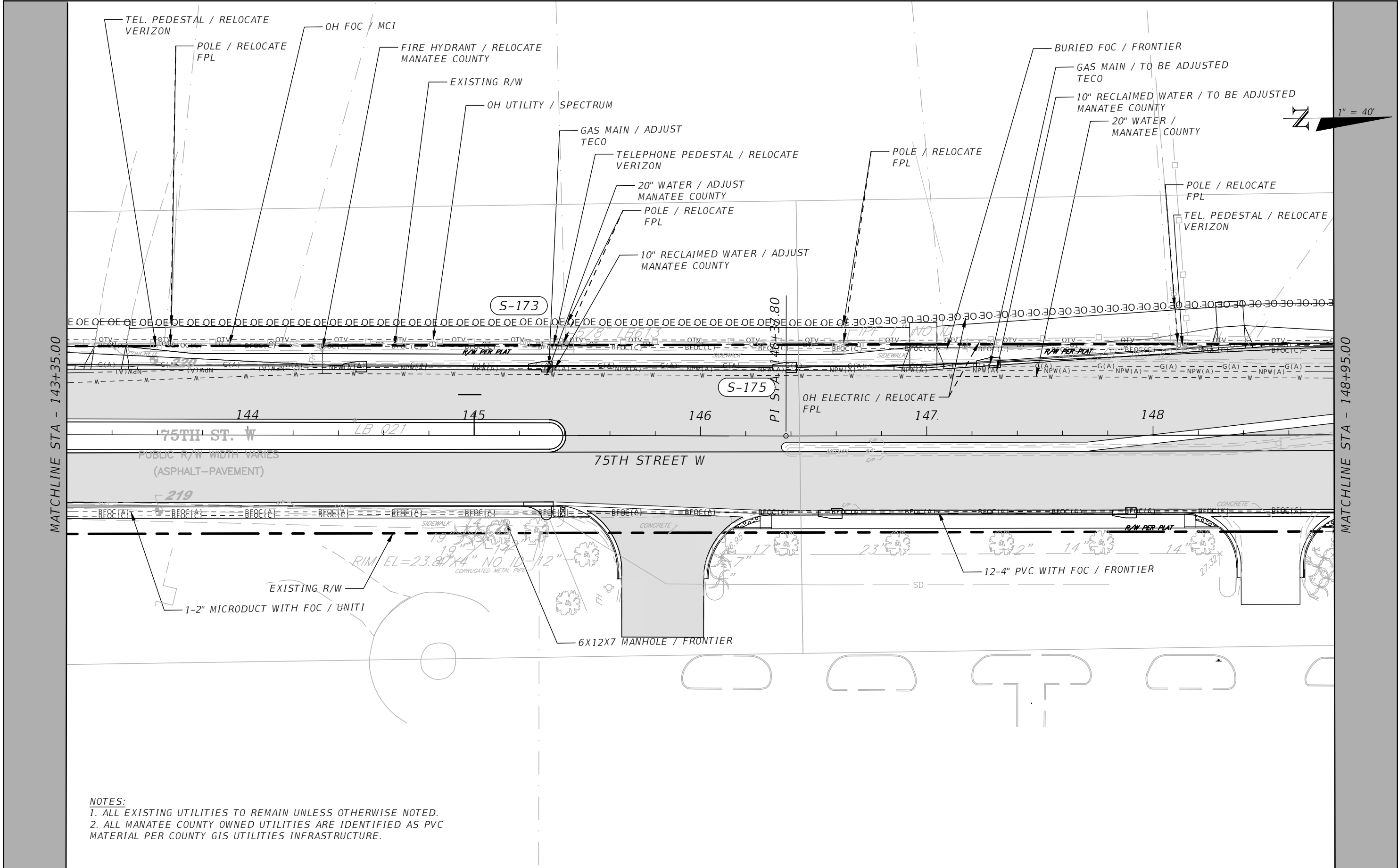


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT (8)

SHEET
NO.
145

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NOTES:
1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

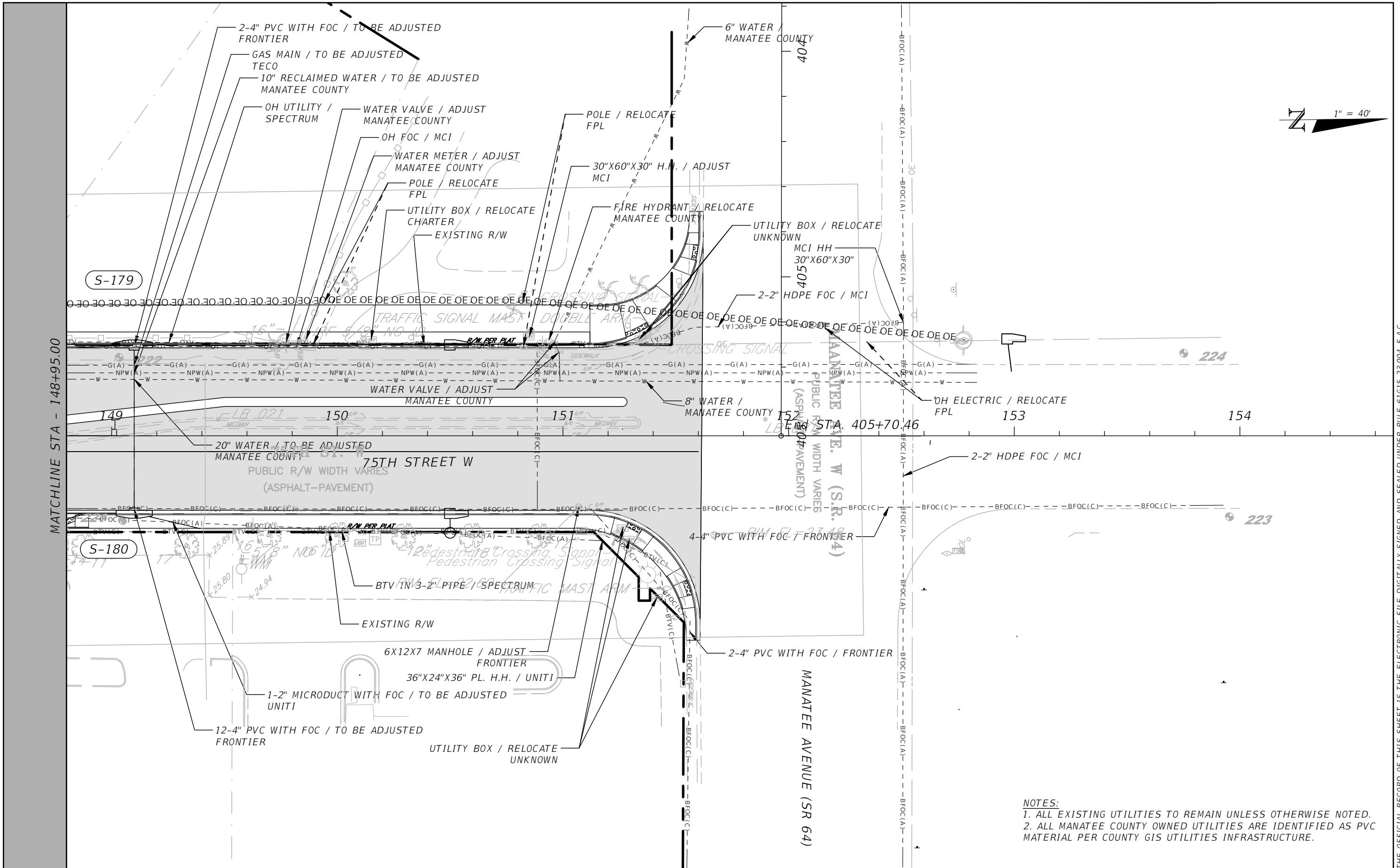


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT (9)

SHEET
NO.
146

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NOTES:
1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL MANATEE COUNTY OWNED UTILITIES ARE IDENTIFIED AS PVC MATERIAL PER COUNTY GIS UTILITIES INFRASTRUCTURE.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
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STANTEC CONSULTING SERVICES, INC.

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

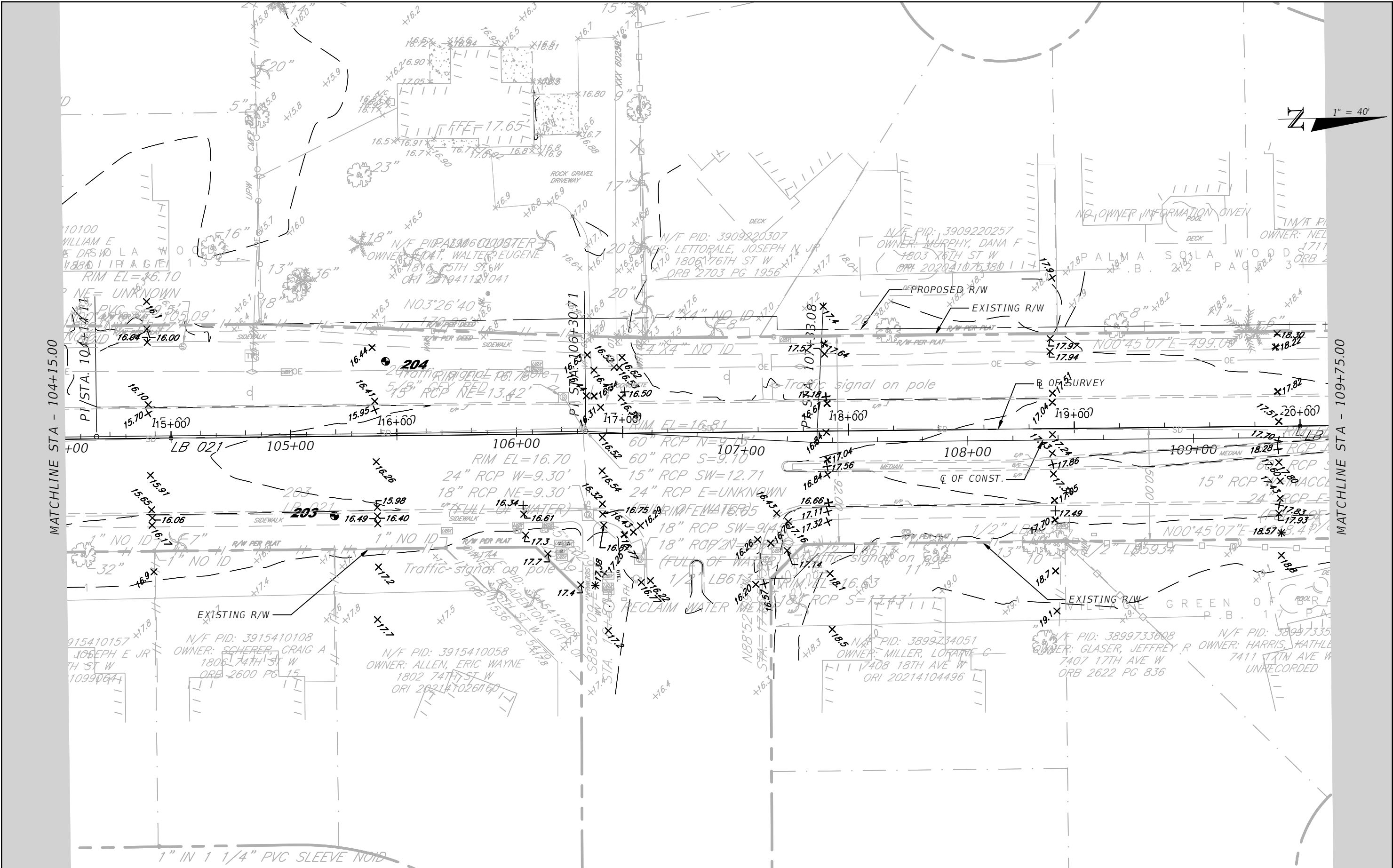


MANATEE COUNTY
PUBLIC WORKS
COUNTY PROJECT NO:
6108260

75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
UTILITY ADJUSTMENT (10)

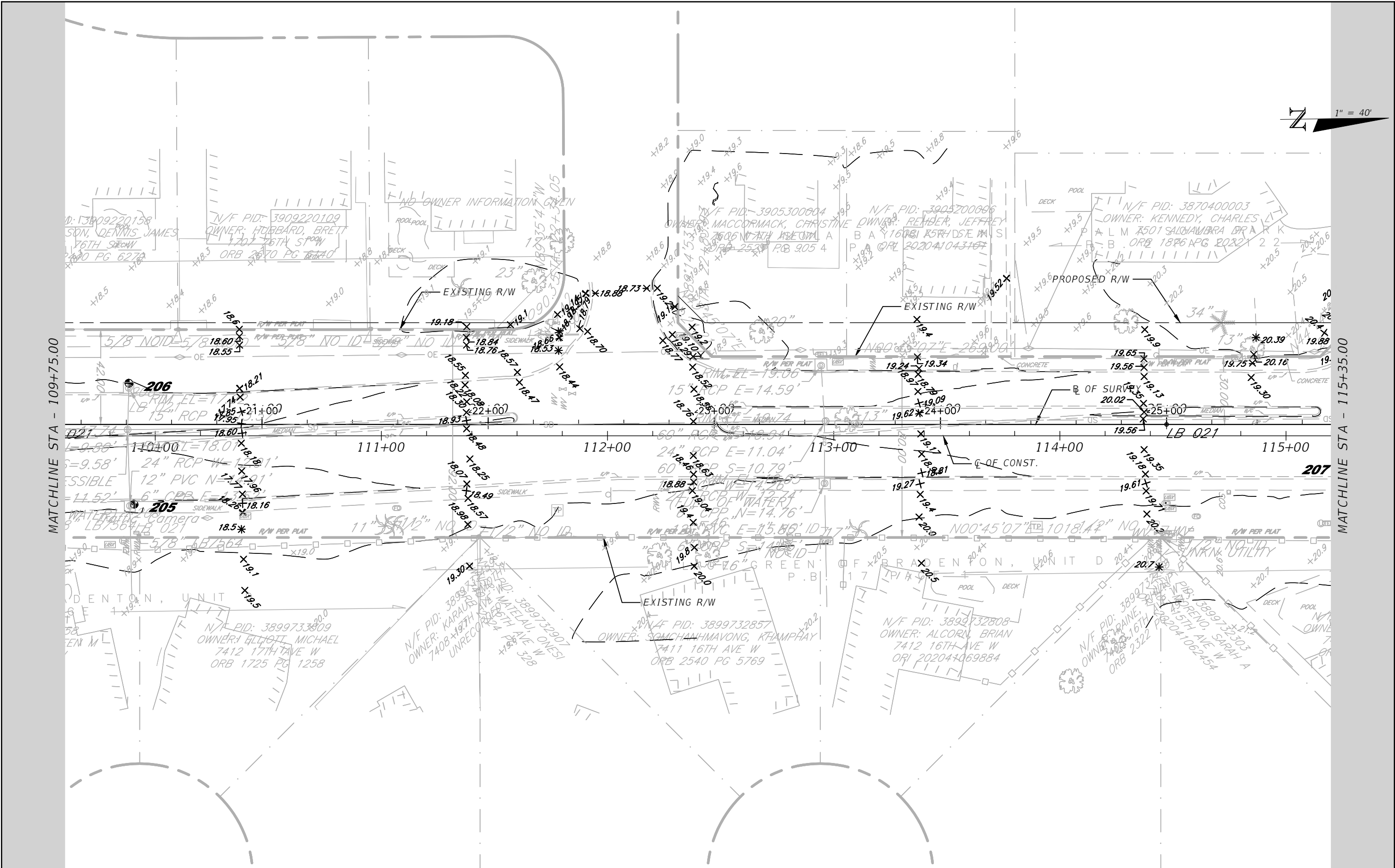
SHEET NO.
147

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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			EXISTING CONDITION SURVEY (2)		149
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REVISIONS			
NO.	DESCRIPTION	DATE	BY
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P.E. LICENSE NUMBER 73855
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER, FLORIDA, 33759
(727) 531-3505

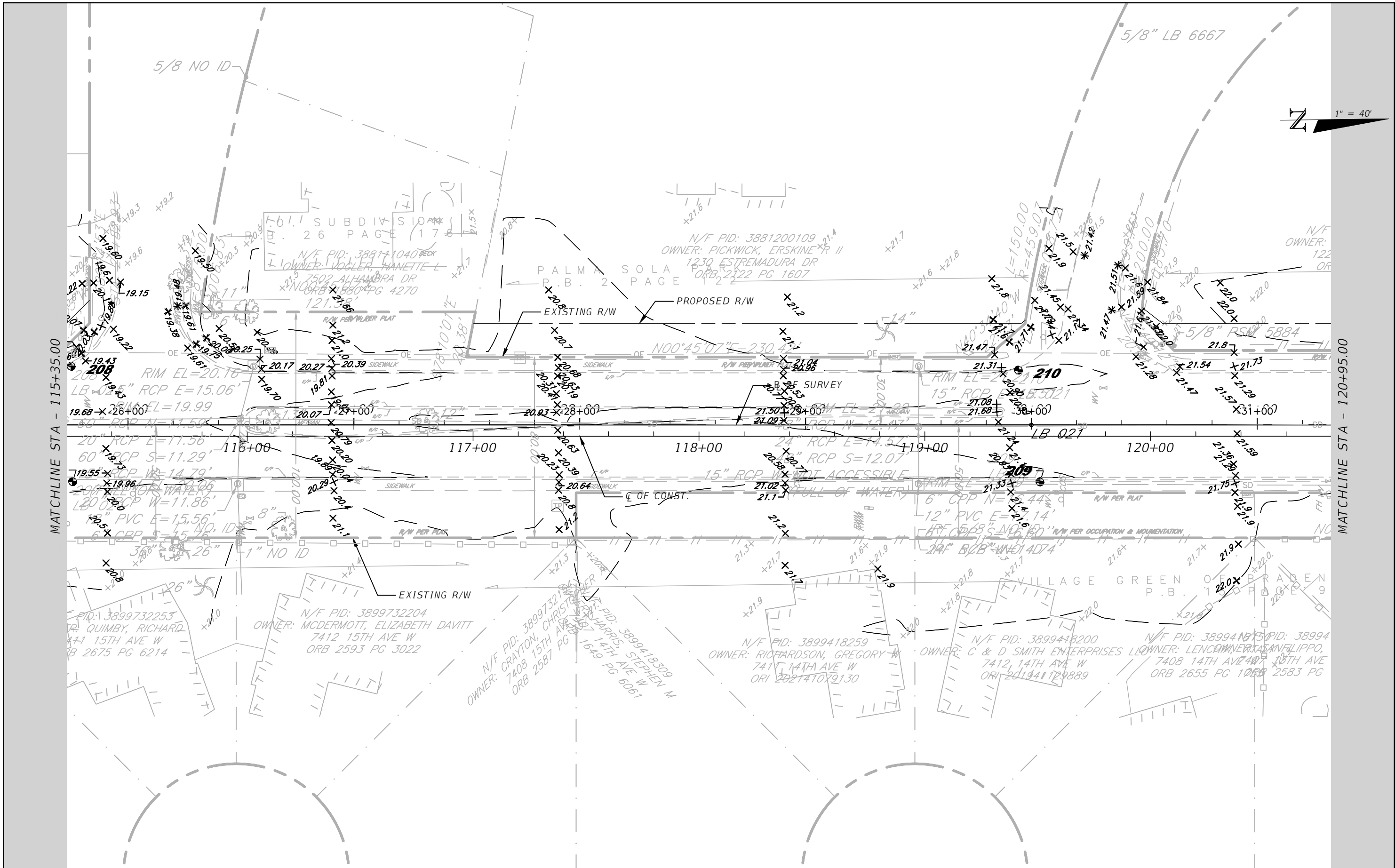


**MANATEE COUNTY
PUBLIC WORKS**
COUNTY PROJECT NO:
6108260

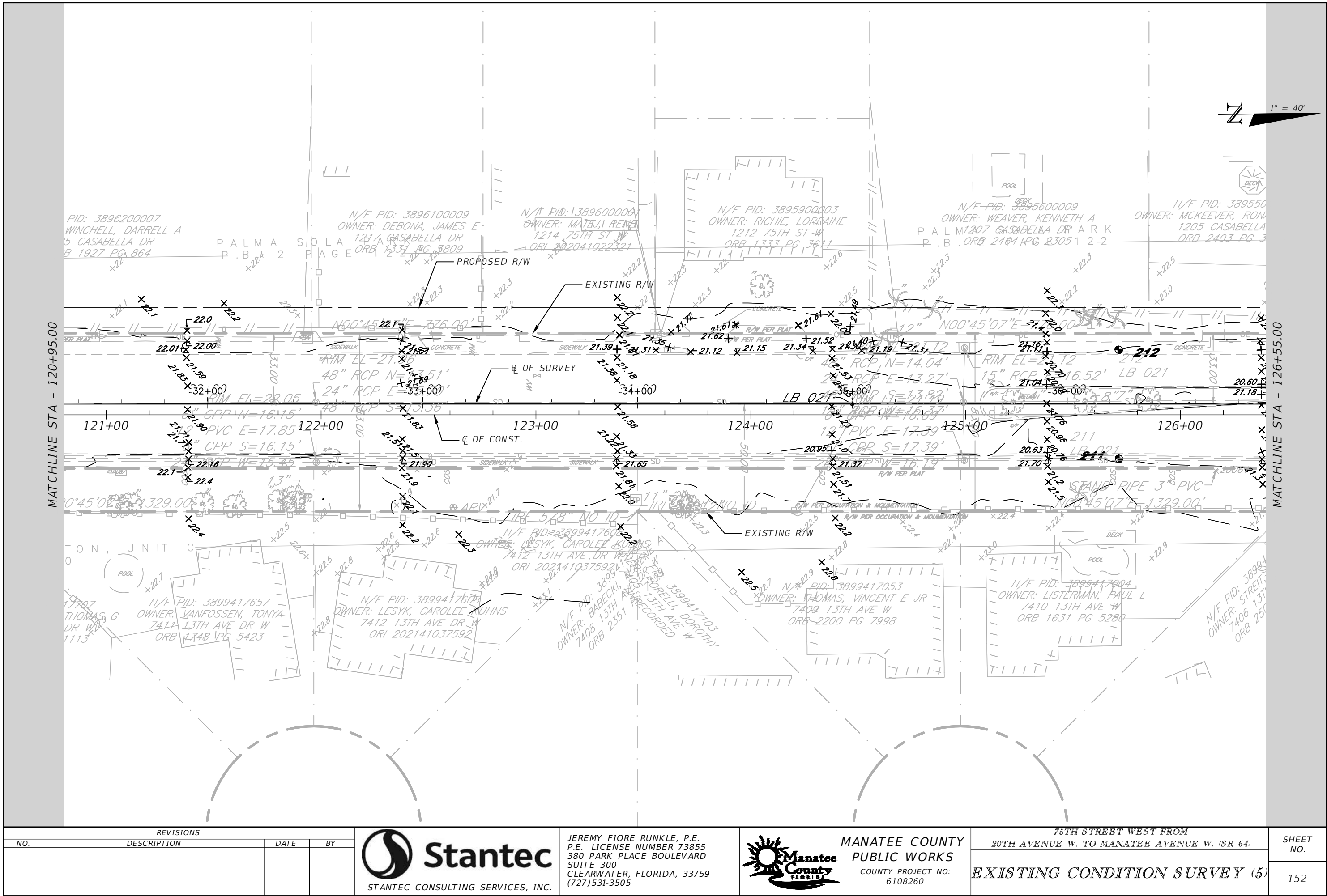
75TH STREET WEST FROM
20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)
EXISTING CONDITION SURVEY (3)

SHEET NO.
150

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

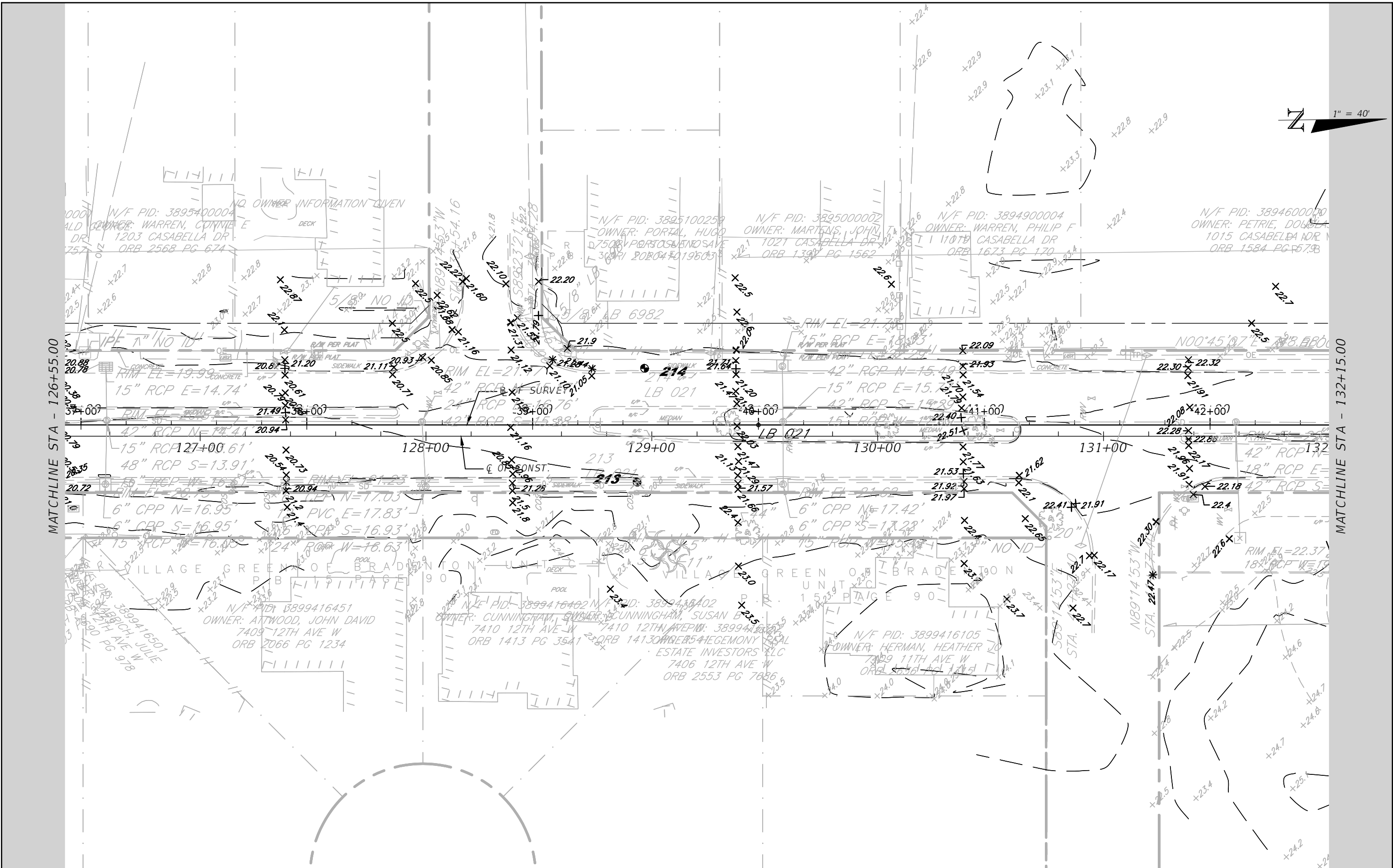


REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			EXISTING CONDITION SURVEY (4)		151
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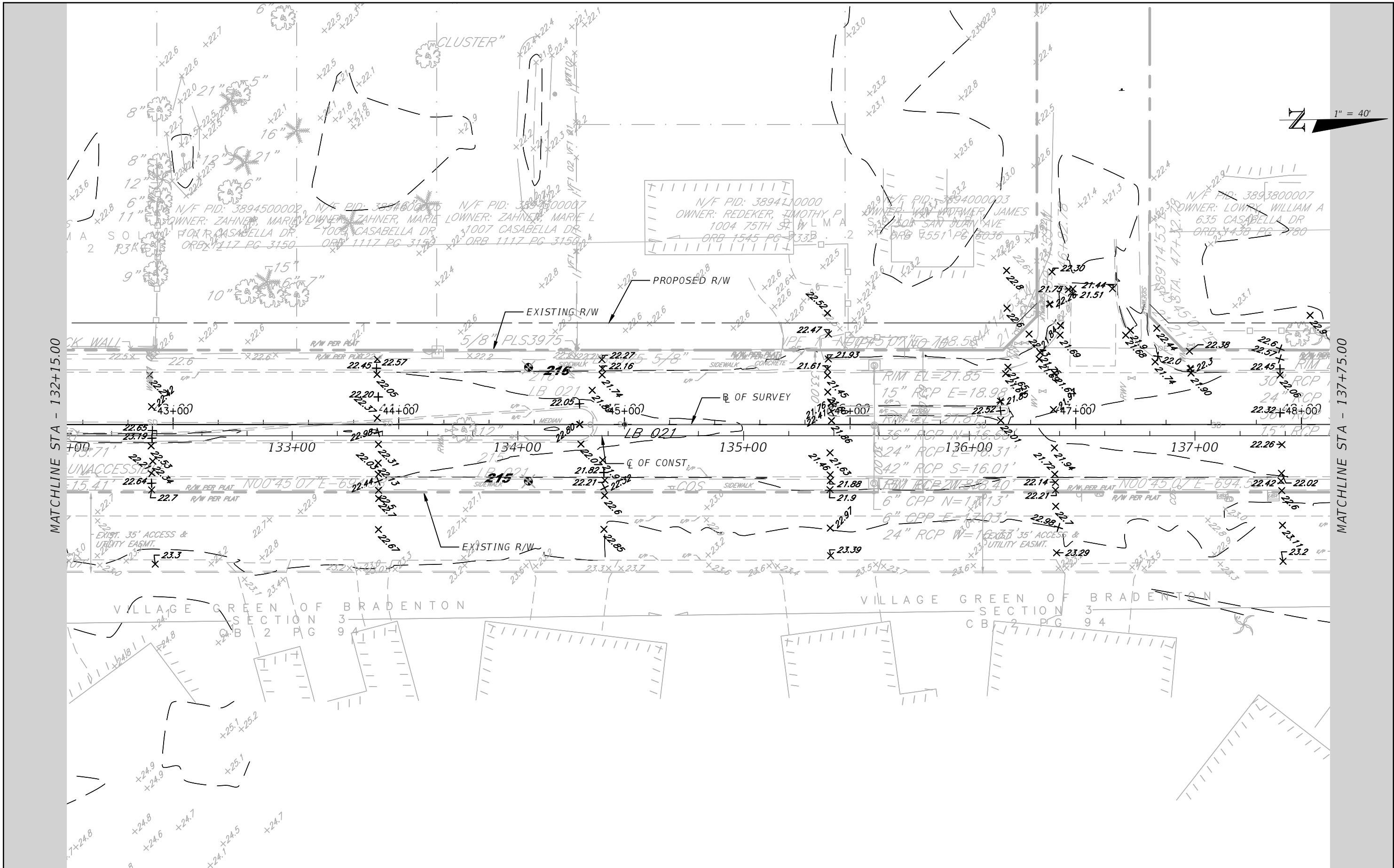


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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			EXISTING CONDITION SURVEY (5)		152
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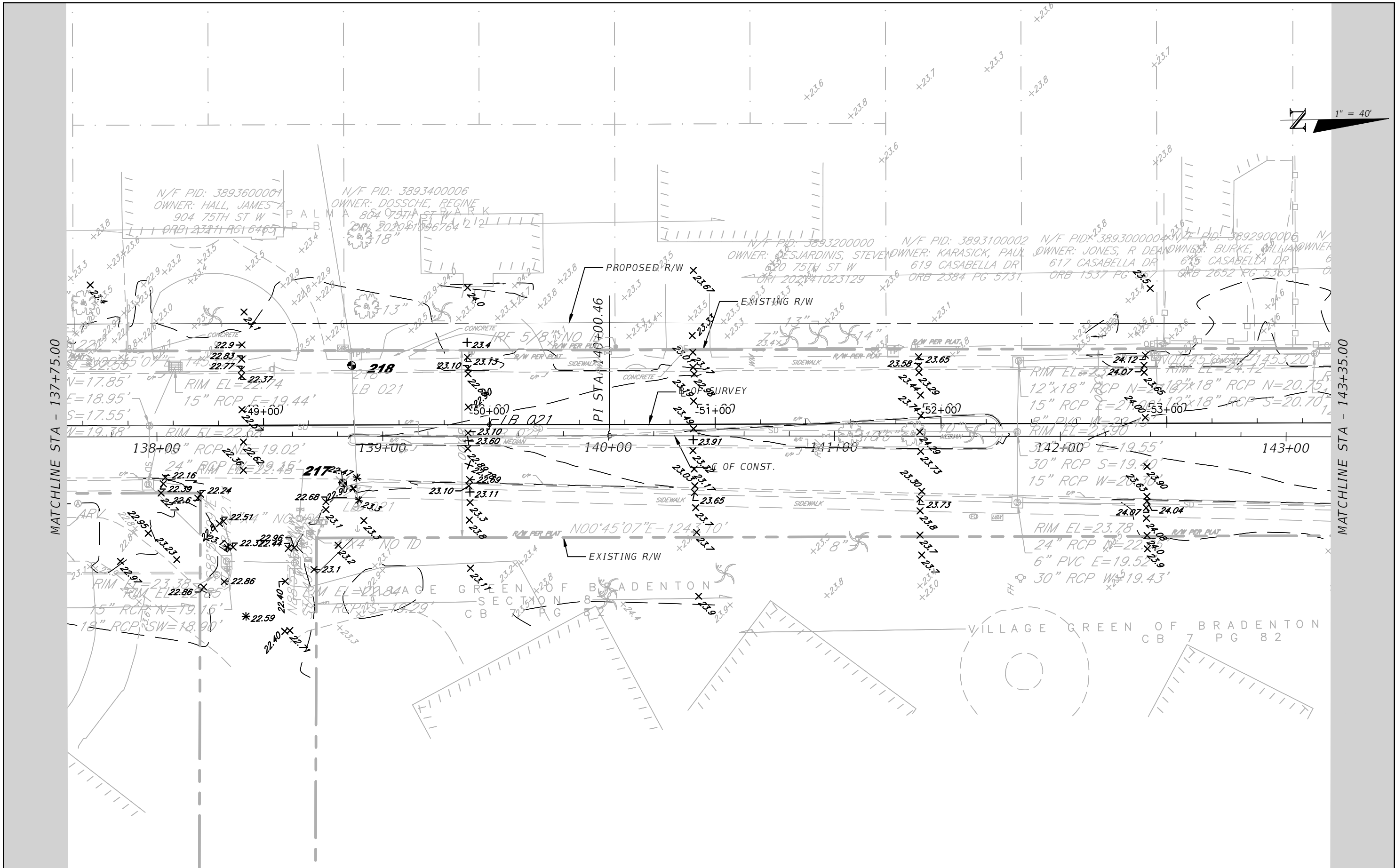


REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				EXISTING CONDITION SURVEY (6)	153
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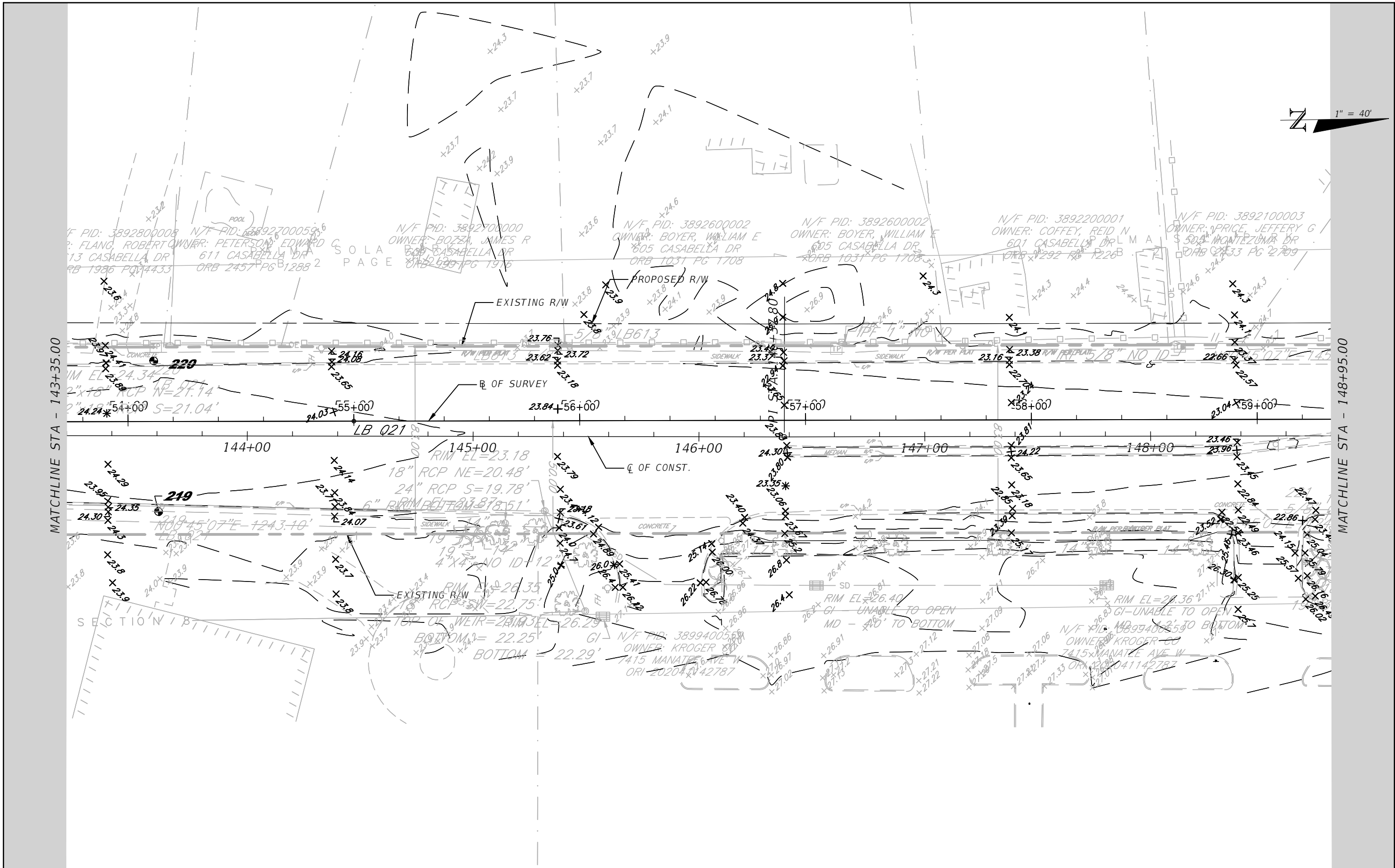


REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)		SHEET NO.
NO.	DESCRIPTION	DATE	BY			EXISTING CONDITION SURVEY (7)		154
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REVISIONS				 Stantec STANTEC CONSULTING SERVICES, INC.	JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA, 33759 (727) 531-3505	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				EXISTING CONDITION SURVEY (8)	155
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REVISIONS					JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 STANTEC 380 PARK PLACE BOULEVARD SUITE 300 CLEARWATER, FLORIDA 33759	 MANATEE COUNTY PUBLIC WORKS COUNTY PROJECT NO: 6108260	75TH STREET WEST FROM 20TH AVENUE W. TO MANATEE AVENUE W. (SR 64)	SHEET NO.
NO.	DESCRIPTION	DATE	BY				EXISTING CONDITION SURVEY (9)	156
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