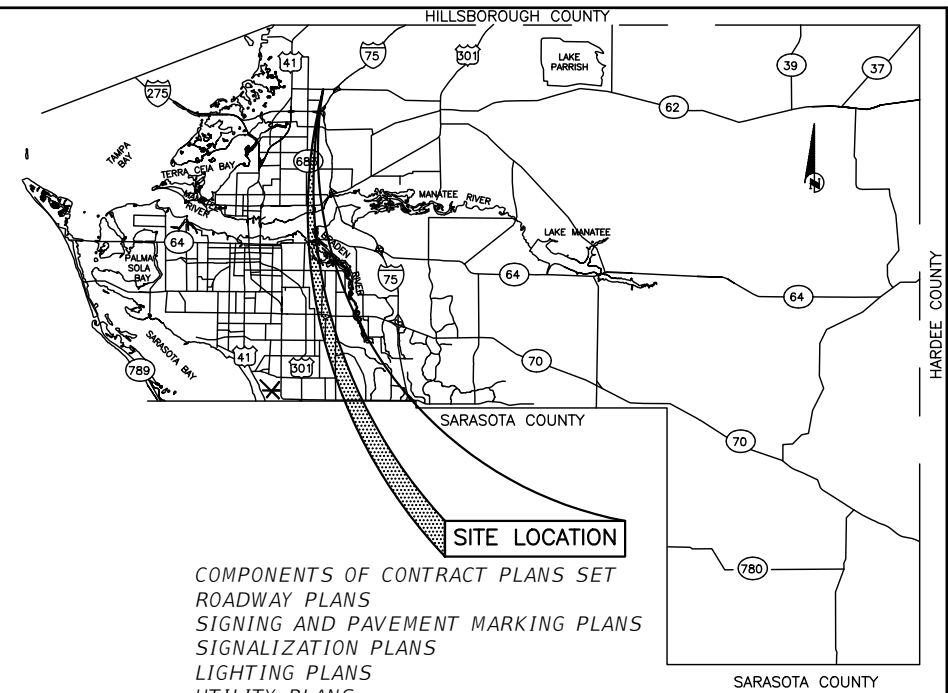




MANATEE COUNTY
PUBLIC WORKS DEPARTMENT

CONTRACT PLANS

MANATEE PROJECT ID 6092560
MOCCASIN WALLOW ROAD
FROM US 41 TO WEST OF I-75



"GOVERNING STANDARD PLANS:
FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2020-21 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IRS).

STANDARD PLANS FOR ROAD CONSTRUCTION AND ASSOCIATED IRS ARE AVAILABLE AT THE FOLLOWING WEBSITE:
[HTTPS://WWW.FDOT.GOV/DESIGN/STANDARDPLANS](https://www.fl.gov/design/standardplans)

APPLICABLE IRS: IR536-001-01, IR521-001-01

STANDARD PLANS FOR BRIDGE CONSTRUCTION ARE INCLUDED IN THE STRUCTURES PLANS COMPONENT.

GOVERNING STANDARD SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2021 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE:
[HTTPS://WWW.FDOT.GOV/PROGRAMMANAGEMENT/IMPLEMENTED/SPECSBOOKS"](https://www.fl.gov/programmanagement/implemented/specsbooks)

OTHER RELATED STANDARDS AND SPECIFICATIONS

- A. MANATEE COUNTY HIGHWAY & TRAFFIC STANDARDS MANUAL AND STORMWATER MANAGEMENT DESIGN MANUAL (JUNE 2015).
- B. MANATEE COUNTY UTILITIES STANDARDS MANUAL (JUNE 2020).

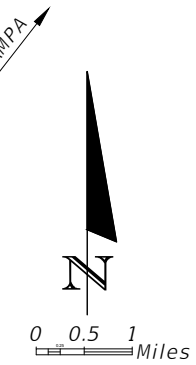
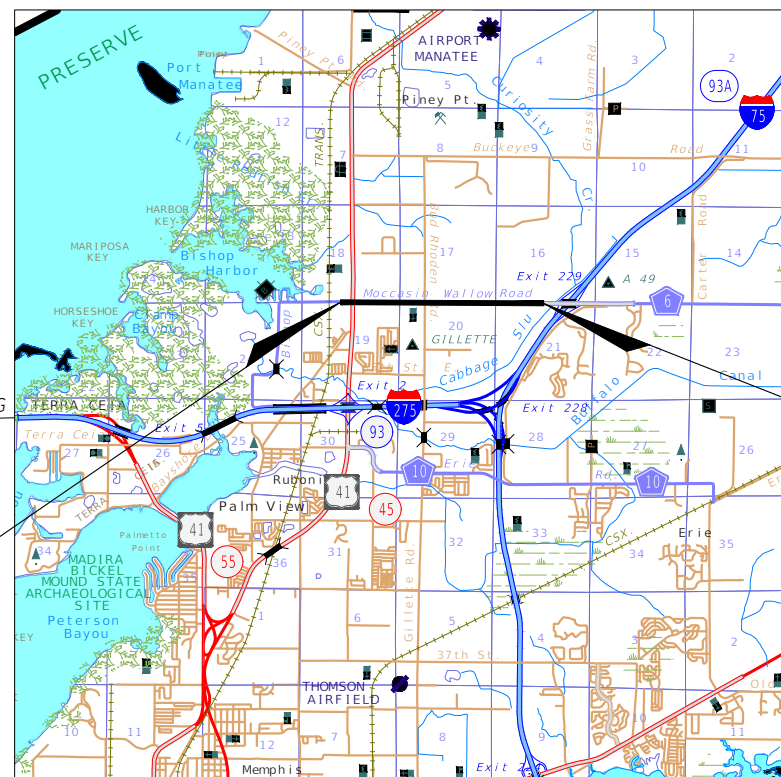
ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

UTILITY WARNING NOTE

ABOVE GROUND AND / OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE "ONE CALL" AT 1-800-432-4770 AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES.



SUMMARY OF REVISIONS	
DATE	DESCRIPTION



BEGIN PROJECT
C/OF CONST.
STA. 293+00.00

END PROJECT
C/OF CONST.
STA. 402+42.59

PLANS PREPARED BY:



ROADWAY PLANS
ENGINEER OF RECORD:

HAMID R. FARAJI, PE
P.E. NO.:51581

MANATEE COUNTY PROJECT MANAGER:
DANIEL GARNER, PE

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS
UTILITY PLANS

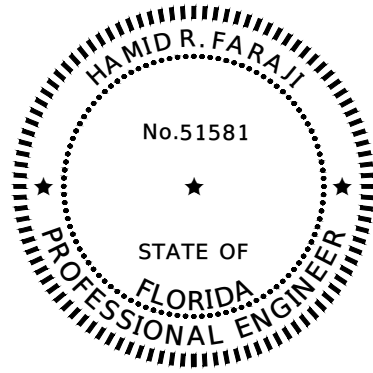
INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4 - 5	REGIONAL DRAINAGE MAP
6 - 11	EXISTING DRAINAGE MAP
12 - 15	PROPOSED DRAINAGE MAP
16 - 23	TYPICAL SECTIONS
24 - 25	TYPICAL DETAILS
26 - 29	SUMMARY OF DRAINAGE STRUCTURES
30	PROJECT LAYOUT
31	PROJECT CONTROL
32	SURVEY LEGEND
33- 34	GENERAL NOTES
35 - 58	ROADWAY PLAN
59 - 76	ROADWAY PROFILE
77 - 81	DRAINAGE STRUCTURE DETAILS
82 - 85	POND AND MITIGATION AREA DETAIL SHEET
86	MITIGATION PLANTING PLAN
87	ROADWAY SOIL SURVEY
88 - 98	POND A-1 CROSS SECTIONS
99 - 205	CROSS SECTIONS
206 - 208	STORMWATER POLLUTION PREVENTION PLAN
209 - 234	EROSION CONTROL PLANS
235 - 315	TEMPORARY TRAFFIC CONTROL PLANS
316 - 341	UTILITY ADJUSTMENTS

Driveway Connection Permit # 2020-A-194-00031
Drainage Connection Permit # 2020-D-194-00029
SR 45, Section # 13030, Mile Post: 6.301-6.328

SHEET NO.
1

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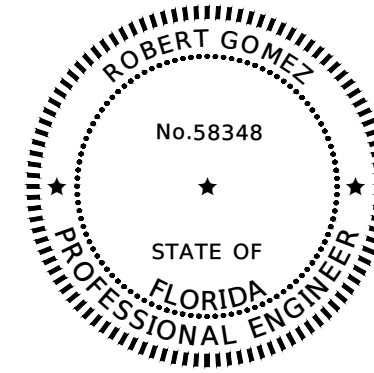
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HAMID R. FARAJI, PE
 CARDNO
 380 PARK PLACE BOULEVARD, SUITE 300
 CLEARWATER, FL 33759
 PHONE NUMBER: (727) 531-3505

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
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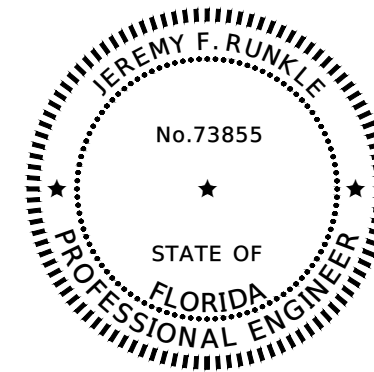
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ROBERT GOMEZ, PE
 UNIVERSAL ENGINEERING SCIENCES
 1748 INDEPENDENCE BOULEVARD, SUITE B-1
 SARASOTA, FL 34234
 PHONE NUMBER: (941) 358-7410

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SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
87	SOIL SURVEY



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JEREMY F. RUNKLE, PE
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 CLEARWATER, FL 33759
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SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
235- 315	TEMPORARY TRAFFIC CONTROL PLANS

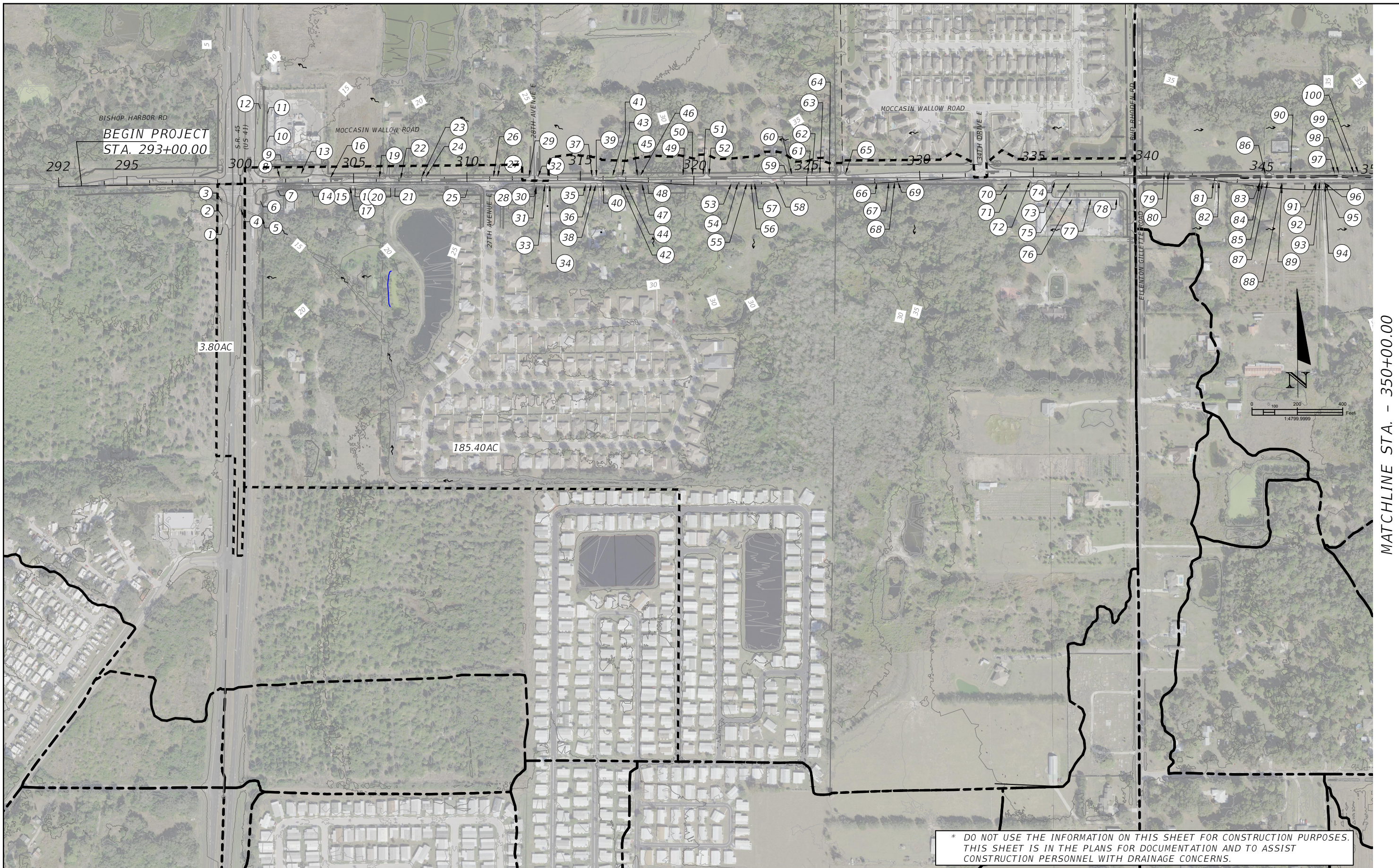
REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
---	---	---	---		MOCCASIN WALLOW RD	6092560	

SUMMARY OF PAY ITEMS			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-18	INLET PROTECTION SYSTEM	EA	5
104-10-3	SEDIMENT BARRIER	LF	22,751
104-11	FLOATING TURBIDITY BARRIER	LF	1,765
110-1-1	CLEARING AND GRUBBING	LS/AC	52
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	5,037
110-7-1	MAILBOX, F&I SINGLE	EA	21
120-1	REGULAR EXCAVATION	CY	140,982
120-6	EMBANKMENT	CY	66,245
160-4	TYPE B STABILIZATION	SY	108,959
285-701	OPTIONAL BASE, BASE GROUP 01, TYPE B-12.5 (CURB PAD)	SY	1018
285-709	OPTIONAL BASE, BASE GROUP 09	SY	88614
285-715	OPTIONAL BASE, BASE GROUP 15	SY	6286
327-70-19	MILLING EXISTING ASPH PAVEMENT, 3/4" AVERAGE DEPTH	SY	2494
327-70-6	MILLING EXISTING ASPH PAVEMENT, 1-1/2" AVERAGE DEPTH	SY	7,965
334-1-13	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C	TN	15538.0
337-7-25	ASPHALTIC CONCRETE FC, INC BIT, FC-5, PG 76-22	TN	100.0
337-7-81	ASPHALTIC CONCRETE FC, TRAFFIC B, FC-12.5, PG 76-22	TN	934.0
337-7-83	ASPHALTIC CONCRETE FC, TRAFFIC C, FC-12.5, PG 76-22	TN	7493.0
339-1	MISCELLANEOUS ASPHALT PAVEMENT	TN	5.6
425-1-201	INLETS, CURB, TYPE 9, <10'	EA	2
425-1-351	INLETS, CURB, TYPE P-5, <10'	EA	5
425-1-451	INLETS, CURB, TYPE J-5, <10'	EA	7
425-1-461	INLETS, CURB, TYPE J-6, <10'	EA	1
425-1-521	INLETS, DT BOT, TYPE C, <10'	EA	1
425-1-523	INLETS, DT BOT, TYPE C, J BOT, <10'	EA	52
425-1-531	INLETS, DT BOT, TYPE C MODIFIED-BACK OF SIDEWALK, <10'	EA	23
425-1-541	INLETS, DT BOT, TYPE D, <10'	EA	6
425-1-543	INLETS, DT BOT, TYPE D, J BOT, <10'	EA	3
425-1-581	INLETS, DT BOT, TYPE H, <10'	EA	1
425-2-71	MANHOLES, J-7, <10'	EA	7
425-2-91	MANHOLES, J-8, <10'	EA	10
430-175-115	PIPE CULV, OPT MATL, ROUND, 15" S/CD	LF	43
430-175-118	PIPE CULV, OPT MATL, ROUND, 18" S/CD	LF	4,938
430-175-124	PIPE CULV, OPT MATL, ROUND, 24" S/CD	LF	3,240
430-175-130	PIPE CULV, OPT MATL, ROUND, 30" S/CD	LF	1,856
430-175-136	PIPE CULV, OPT MATL, ROUND, 36" S/CD	LF	2,122
430-175-142	PIPE CULV, OPT MATL, ROUND, 42" S/CD	LF	2022
430-175-215	PIPE CULV, OPT MATL, OTHER SHAPE - ELIP/ARCH, 15" S/CD	LF	496
430-175-218	PIPE CULV, OPT MATL, OTHER SHAPE - ELIP/ARCH, 18" S/CD	LF	101
430-175-224	PIPE CULV, OPT MATL, OTHER SHAPE - ELIP/ARCH, 24" S/CD	LF	225
430-175-230	PIPE CULV, OPT MATL, OTHER SHAPE - ELIP/ARCH, 30" S/CD	LF	150
430-175-242	PIPE CULV, OPT MATL, OTHER SHAPE - ELIP/ARCH, 42" S/CD	LF	198
430-175-248	PIPE CULV, OPT MATL, OTHER SHAPE - ELIP/ARCH, 48" S/CD	LF	1349
430-175-260	PIPE CULV, OPT MATL, OTHER SHAPE - ELIP/ARCH, 60" S/CD	LF	160
430-200-25	FLARED END SECTION, CONCRETE, 18"	EA	1
430-536-100	STRAIGHT CONCRETE ENDWALLS, 36", SINGLE, 0 DEGREES, ROUND	EA	2
430-542-100	STRAIGHT CONCRETE ENDWALLS, 42", SINGLE, 0 DEGREES, ROUND	EA	1
430-530-102	STRAIGHT CONCRETE ENDWALLS, 30", SINGLE, 0 DEGREES, ELLIP	EA	2
430-530-110	STRAIGHT CONCRETE ENDWALLS, 30", SINGLE, 15 DEGREES, ROUND	EA	1
430-530-120	STRAIGHT CONCRETE ENDWALLS, 30", SINGLE, 30 DEGREES, ROUND	EA	1
430-963-2	PVC PIPE FOR BACK OF SIDEWALK, NON STANDARD DIAMETER	LF	204
430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	1

SUMMARY OF PAY ITEMS			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	4
430-984-623	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 15" SD	EA	10
430-984-624	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	1
430-984-640	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 42" SD	EA	1
430-984-641	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 48" SD	EA	2
430-984-643	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 60" SD	EA	2
440-1-50	UNDERDRAIN	LF	1475
515-1-1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	250
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	24269
520-2-1	CONCRETE CURB, TYPE A	LF	171
201.3	CONCRETE CURB, TYPE AB	LF	373
527-2	DETECTABLE WARNINGS	SF	844
550-10-222	FENCING, TYPE B, 5.1-6.0, W/ VINYL COAT	LF	2570
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	5943
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	2579
536-1-1	GUARDRAIL (W-BEAM, GENERAL, TL-3)	LF	383
536-85-24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	2
570-1-2	PERFORMANCE TURF, SOD	SY	83746
	WETLAND MITIGATION PLANTING	LS	1

SHARED USE PATH			
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
OPTION #1			
160-4	TYPE B STABILIZATION	SY	16,578
285-701	OPTIONAL BASE, BASE GROUP 01	SY	12,511
334-1-11	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC A	TN	1,032.10
OPTION #2			
160-4	TYPE B STABILIZATION	SY	16,578
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	12,511

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		3



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

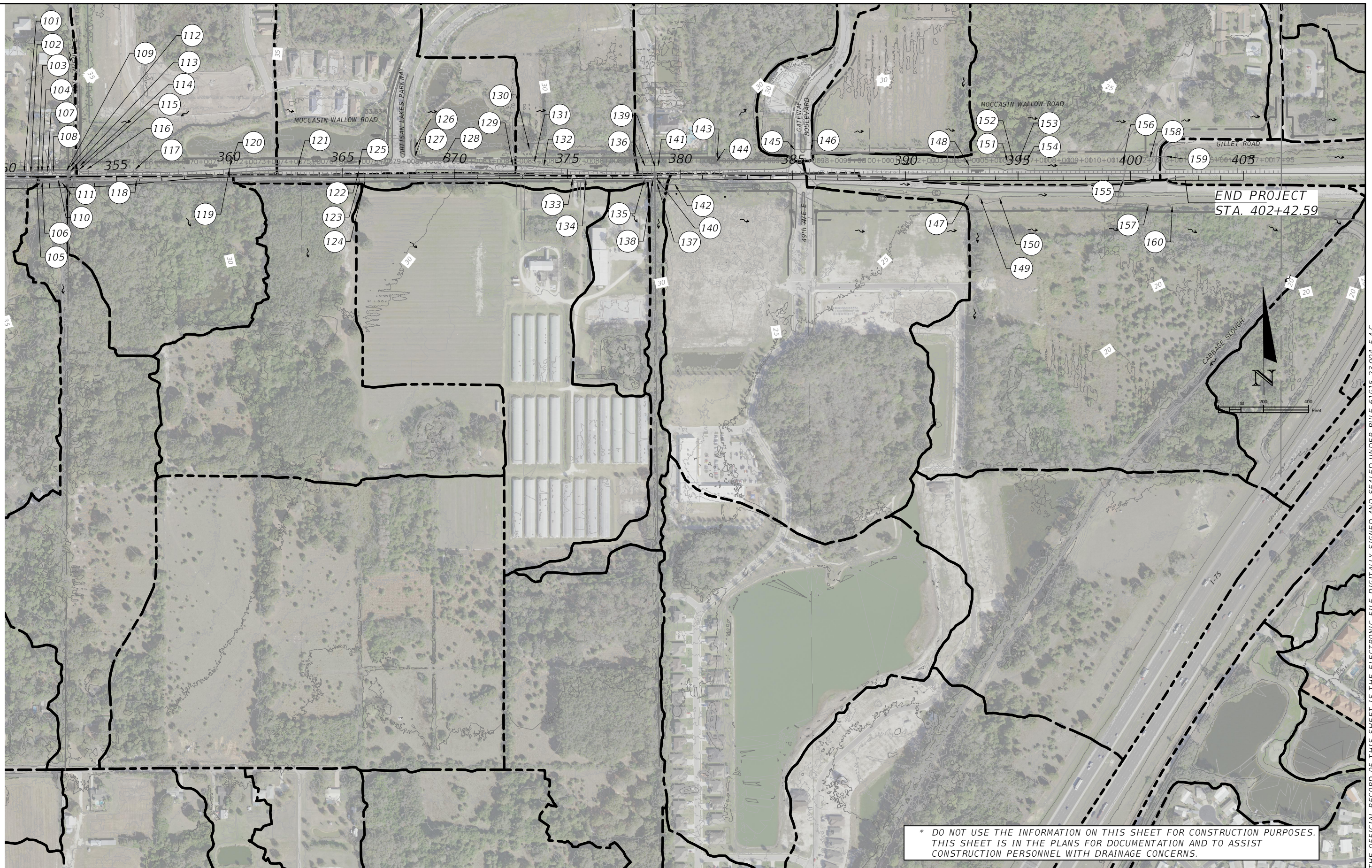
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 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

REGIONAL DRAINAGE MAP (1)

SHEET NO.
4

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END PROJECT
STA. 402+42.59

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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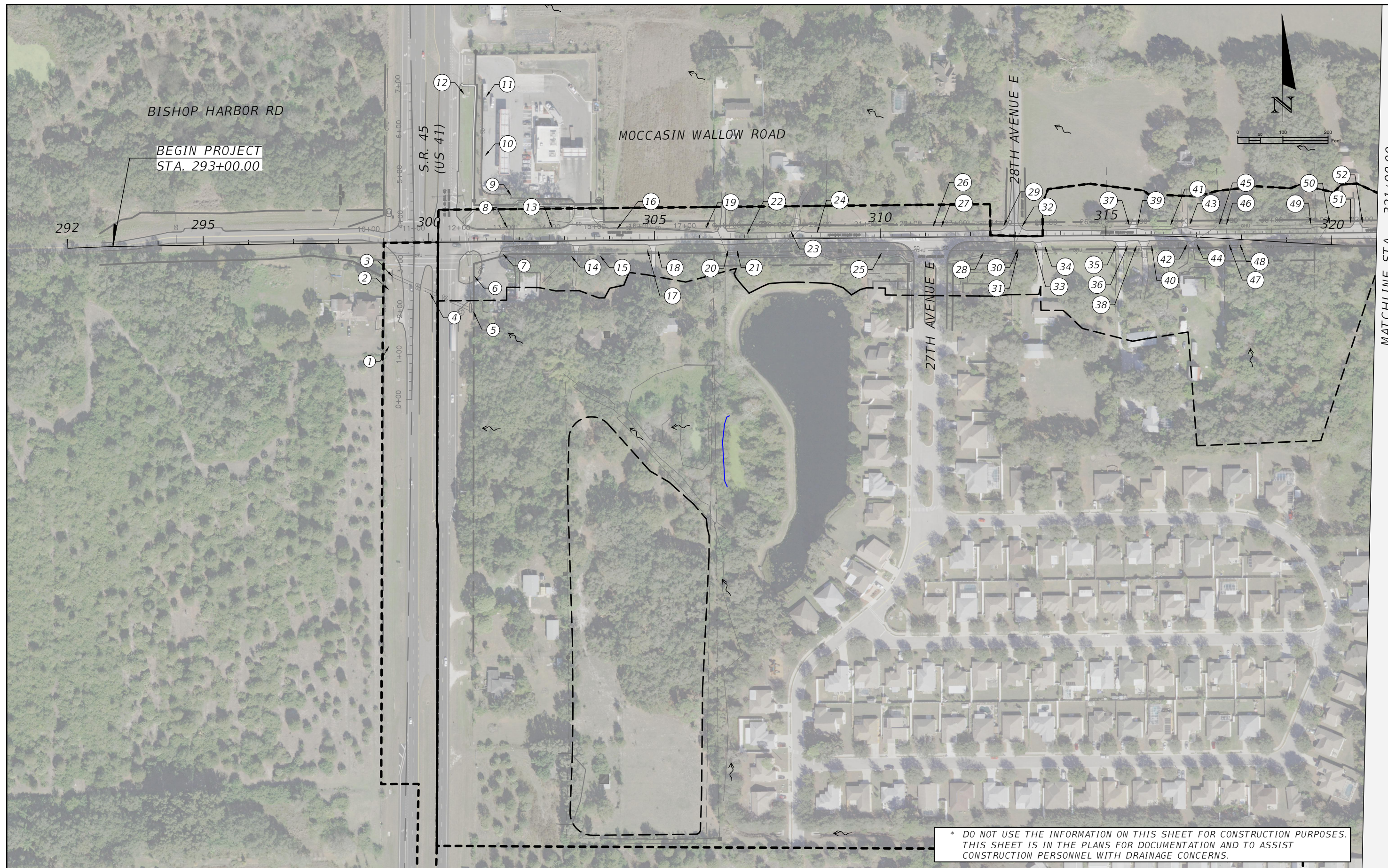
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MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

REGIONAL DRAINAGE MAP (2)

SHEET NO.
5

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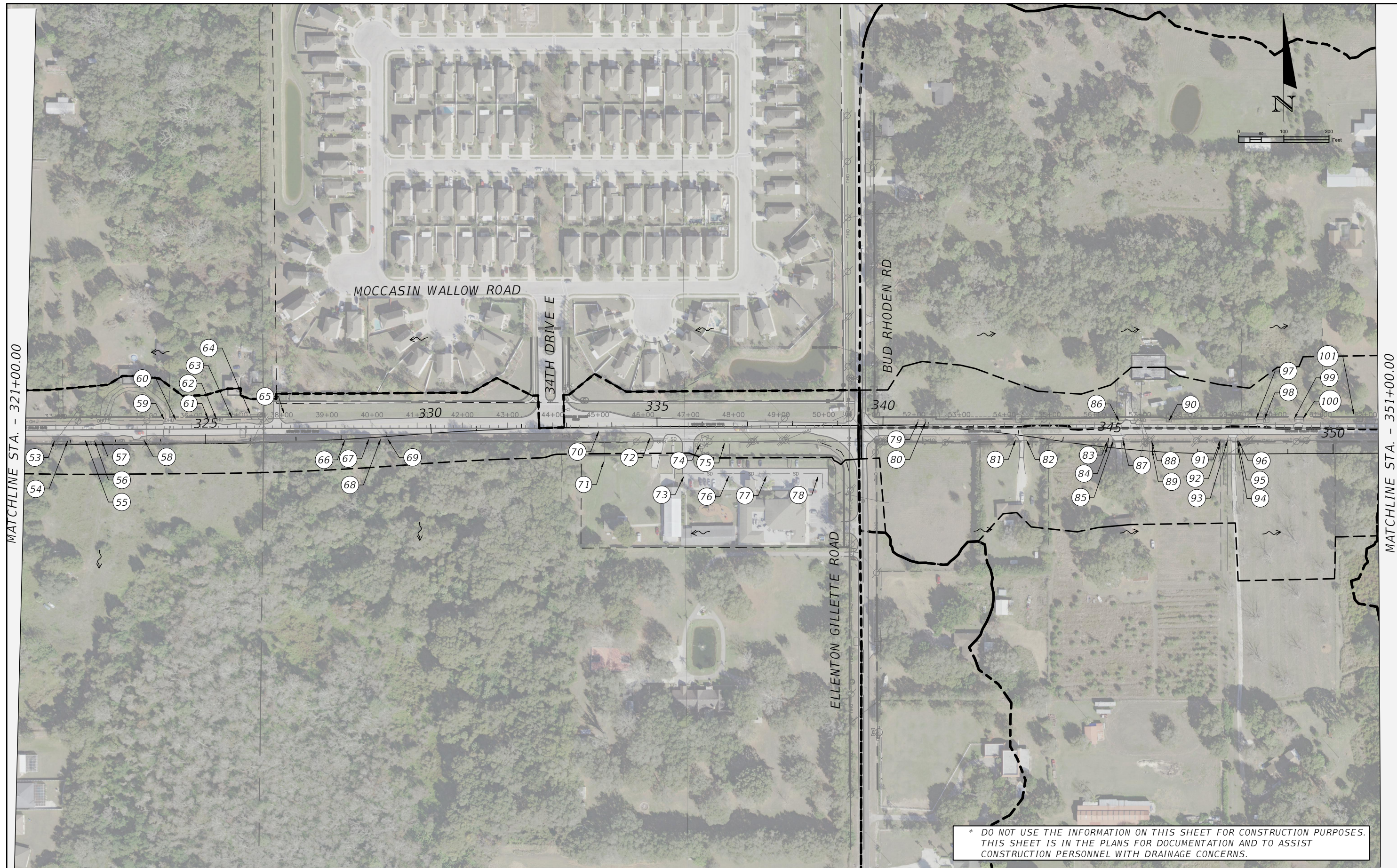
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EXISTING DRAINAGE MAP (1)

SHEET NO.
6



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MATCHLINE STA. - 351+00.00

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

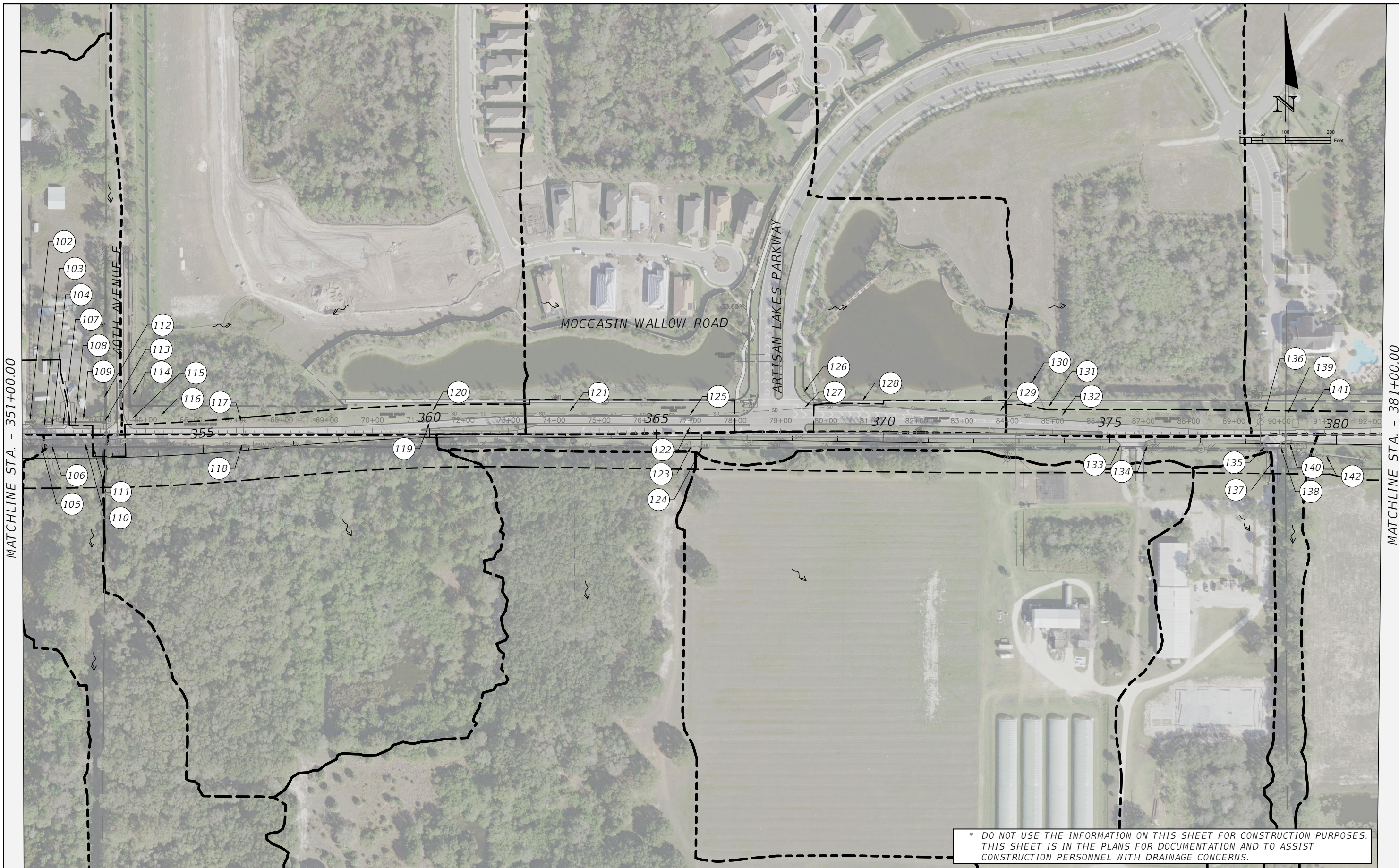
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 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EXISTING DRAINAGE MAP (2)

SHEET NO.
7

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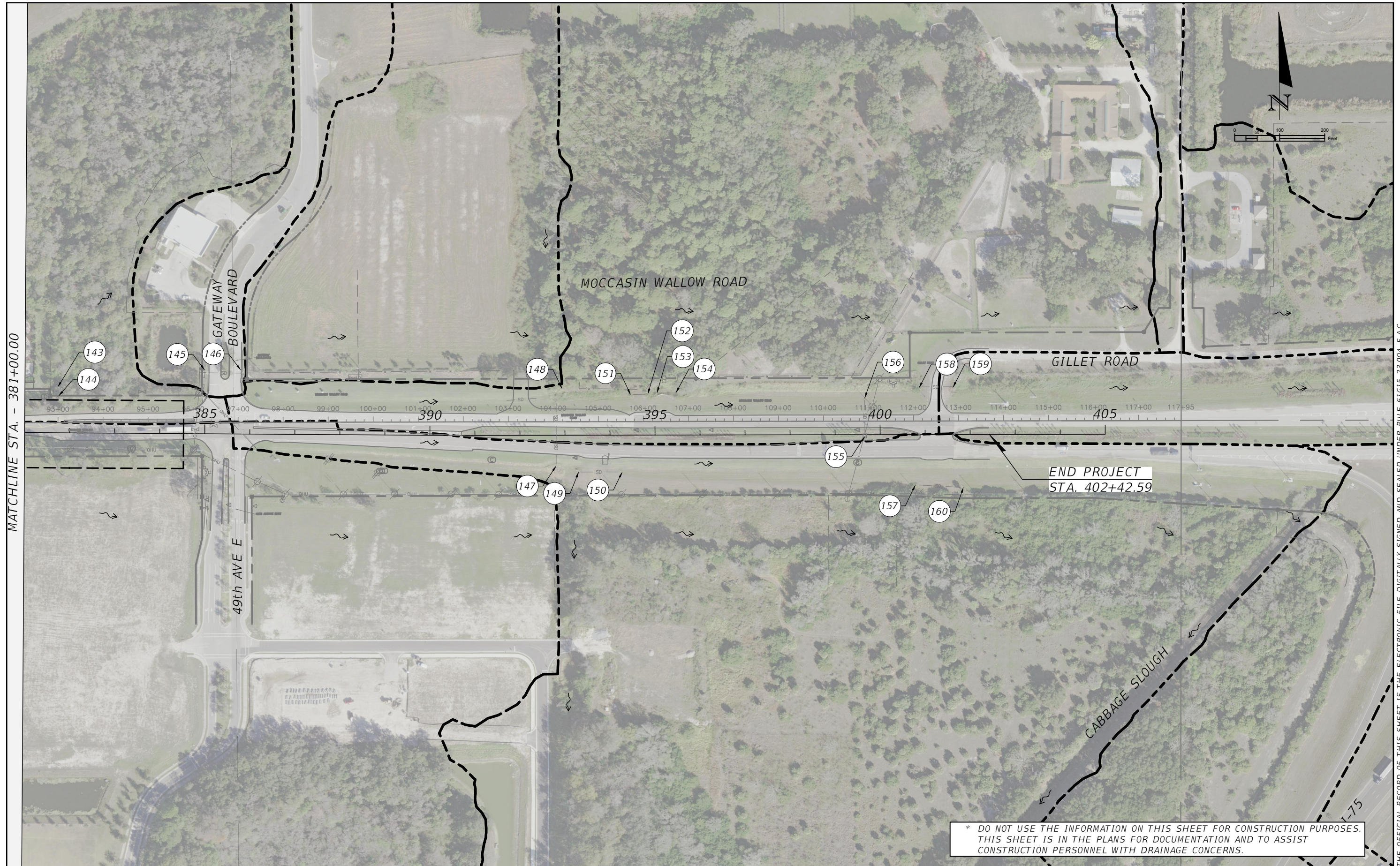


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
---	---	---	---	MOCCASIN WALLOW RD	6092560	EXISTING DRAINAGE MAP (3)	



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EXISTING DRAINAGE MAP (4)

SHEET NO.
9

EXISTING STORM STRUCTURE TABLE

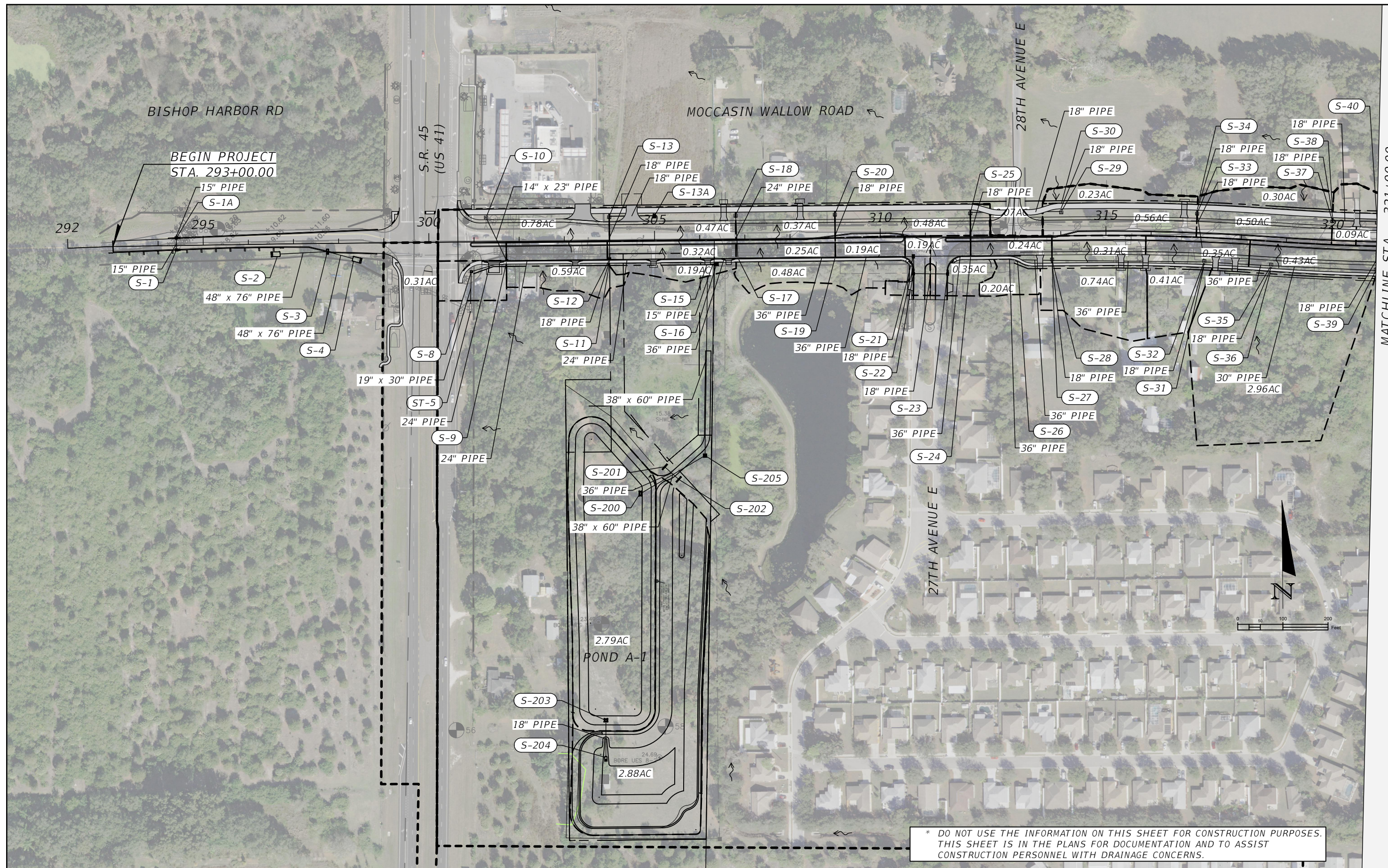
STRUCTURE NO.	STRUCTURE TYPE	SIZE (FT)	TOP EL. (FT)	INVERT EL. (FT)	THROAT EL. (FT)	LID EL. (FT)	SKIMMER EL. (FT)	PIPE SIZE (IN)	STRUCTURE NO.	STRUCTURE TYPE	SIZE (FT)	TOP EL. (FT)	INVERT EL. (FT)	THROAT EL. (FT)	LID EL. (FT)	SKIMMER EL. (FT)	PIPE SIZE (IN)
1	MES	N/A	N/A	10.95	N/A	N/A	N/A	18 RCP	44	CONC. HEADWALL	N/A	30.28	27.19	N/A	N/A	N/A	14x23 ERCP
2	MES	N/A	N/A	10.66	N/A	N/A	N/A	18 RCP	45	PIPE	N/A	N/A	28.18	N/A	N/A	N/A	15 RCP
3	CONC. HEADWALL	N/A	10.51	N 6.15	N/A	N/A	N/A	42 RCP	46	PIPE	N/A	N/A	28.41	N/A	N/A	N/A	15 RCP
				S 6.15					47	PIPE	N/A	N/A	28.12	N/A	N/A	N/A	18 CMP
4	GRATE INLET	N/A	14.51	NW 6.55	N/A	N/A	N/A	42 RCP	48	PIPE	N/A	N/A	28.25	N/A	N/A	N/A	18 CMP
				SE 6.14					49	PIPE	N/A	N/A	29.42	N/A	N/A	N/A	18 RCP
5	GRATE INLET	N/A	13.97	N 11.60	N/A	N/A	N/A	24 CMP	50	PIPE	N/A	N/A	29.20	N/A	N/A	N/A	18 RCP
				SE 7.91				36 RCP	51	PIPE	N/A	N/A	29.88	N/A	N/A	N/A	15 RCP
				NW 6.30				42 RCP	52	PIPE	N/A	N/A	30.20	N/A	N/A	N/A	15 RCP
6	MES	N/A	N/A	12.19	N/A	N/A	N/A	24 CMP	53	PIPE	N/A	N/A	30.73	N/A	N/A	N/A	12 RCP
7	GRATE INLET	N/A	15.80	E 13.45	N/A	N/A	N/A	15 RCP	54	PIPE	N/A	N/A	30.85	N/A	N/A	N/A	12 RCP
				NE 13.11				18 RCP	55	PIPE	N/A	N/A	31.29	N/A	N/A	N/A	12 RCP
				W 12.89				24 CMP	56	PIPE	N/A	N/A	31.26	N/A	N/A	N/A	12 RCP
				SW 13.24				18 RCP	57	PIPE	N/A	N/A	31.61	N/A	N/A	N/A	12 RCP
8	MANHOLE	N/A	N/A	E 13.40	N/A	15.76	N/A	18 RCP	58	CONC. HEADWALL	N/A	34.06	32.22	N/A	N/A	N/A	12 RCP
				SW 13.24				18 RCP	59	PIPE	N/A	N/A	32.52	N/A	N/A	N/A	18 RCP
9	GRATE INLET	N/A	15.07	11.72	N/A	N/A	N/A	15 PP	60	PIPE	N/A	N/A	32.71	N/A	N/A	N/A	18 RCP
10	GRATE INLET	N/A	14.83	11.47	N/A	N/A	N/A	15 PP	61	CONC. HEADWALL	N/A	34.85	33.22	N/A	N/A	N/A	12 RCP
11	GRATE INLET	N/A	14.80	10.79	N/A	N/A	N/A	15 PP	62	PIPE	N/A	N/A	33.37	N/A	N/A	N/A	12 RCP
12	MES	N/A	N/A	9.38	N/A	N/A	N/A	14x23 ERCP	63	PIPE	N/A	N/A	33.37	N/A	N/A	N/A	15 RCP
13	GRATE INLET	N/A	15.79	N/A	N/A	N/A	N/A	N/A	64	MES	N/A	N/A	33.16	N/A	N/A	N/A	18 RCP
14	MES	N/A	N/A	15.17	N/A	N/A	N/A	18 PP	65	MES	N/A	N/A	34.01	N/A	N/A	N/A	18 RCP
15	MES	N/A	N/A	15.47	N/A	N/A	N/A	18 PP	66	CONC. HEADWALL	N/A	35.75	33.97	N/A	N/A	N/A	12 RCP
16	GRATE INLET	N/A	17.20	N/A	N/A	N/A	N/A	N/A	67	PIPE	N/A	N/A	34.15	N/A	N/A	N/A	12 RCP
17	CONC. HEADWALL	N/A	19.78	16.95	N/A	N/A	N/A	18 RCP	68	PIPE	N/A	N/A	34.55	N/A	N/A	N/A	15 CMP
18	PIPE	N/A	N/A	17.33	N/A	N/A	N/A	18 RCP	69	PIPE	N/A	N/A	34.40	N/A	N/A	N/A	15 CMP
19	PIPE	N/A	N/A	18.59	N/A	N/A	N/A	18 RCP	70	MES	N/A	N/A	35.47	N/A	N/A	N/A	15 PP
20	PIPE	N/A	N/A	19.00	N/A	N/A	N/A	18 RCP	71	CONTROL STRUCTURE	N/A	37.23	35.50	35.90	N/A	N/A	15 PP
21	PIPE	N/A	N/A	19.00	N/A	N/A	N/A	18 RCP	72	PIPE	N/A	N/A	34.82	N/A	N/A	N/A	12 RCP
22	MES	N/A	N/A	19.43	N/A	N/A	N/A	18 RCP	73	GRATE INLET	N/A	37.74	E 34.41	N/A	N/A	N/A	15 PP
23	MES	N/A	N/A	20.99	N/A	N/A	N/A	14x23 ERCP					W 34.36				18 PP
24	MES	N/A	N/A	20.97	N/A	N/A	N/A	14x23 ERCP	74	MES	N/A	N/A	35.56	N/A	N/A	N/A	12 RCP
25	MES	N/A	N/A	22.30	N/A	N/A	N/A	24 RCP	75	MES	N/A	N/A	35.79	N/A	N/A	N/A	8 PP
26	PIPE	N/A	N/A	24.08	N/A	N/A	N/A	15 RCP	76	GRATE INLET	N/A	38.26	E 34.47	N/A	N/A	N/A	15 PP
27	PIPE	N/A	N/A	24.17	N/A	N/A	N/A	15 RCP					W 34.51				15 PP
28	MES	N/A	N/A	23.21	N/A	N/A	N/A	24 RCP	77	GRATE INLET	N/A	38.25	E 34.74	N/A	N/A	N/A	12 PP
29	PIPE	N/A	N/A	25.03	N/A	N/A	N/A	14x23 ERCP					W 34.65				15 PP
30	PIPE	N/A	N/A	25.56	N/A	N/A	N/A	12 RCP	78	GRATE INLET	N/A	38.23	W 34.92	N/A	N/A	N/A	12 PP
31	PIPE	N/A	N/A	25.62	N/A	N/A	N/A	12 RCP					S 35.04				12 PP
32	PIPE	N/A	N/A	25.51	N/A	N/A	N/A	14x23 ERCP	79	CONC. HEADWALL	N/A	37.84	35.75	N/A	N/A	N/A	12 CMP
33	CONC. HEADWALL	N/A	27.67	25.03	N/A	N/A	N/A	18 RCP	80	CONC. HEADWALL	N/A	37.61	35.91	N/A	N/A	N/A	12 CMP
34	PIPE	N/A	N/A	25.40	N/A	N/A	N/A	18 RCP	81	PIPE	N/A	N/A	34.71	N/A	N/A	N/A	18 RCP
35	PIPE	N/A	N/A	26.01	N/A	N/A	N/A	18 CMP	82	PIPE	N/A	N/A	34.43	N/A	N/A	N/A	18 RCP
36	PIPE	N/A	N/A	26.40	N/A	N/A	N/A	18 CMP	83	PIPE	N/A	N/A	35.93	N/A	N/A	N/A	10 PVC
37	PIPE	N/A	N/A	26.83	N/A	N/A	N/A	18 RCP	84	PIPE	N/A	N/A	36.30	N/A	N/A	N/A	10 PVC
38	PIPE	N/A	N/A	26.78	N/A	N/A	N/A	18 CMP	85	CONC. HEADWALL	N/A	37.12	34.93	N/A	N/A	N/A	18 RCP
39	PIPE	N/A	N/A	26.95	N/A	N/A	N/A	18 RCP	86	PIPE	N/A	N/A	34.78	N/A	N/A	N/A	12 RCP
40	PIPE	N/A	N/A	27.03	N/A	N/A	N/A	18 CMP	87	CONC. HEADWALL	N/A	37.01	34.80	N/A	N/A	N/A	18 RCP
41	PIPE	N/A	N/A	27.54	N/A	N/A	N/A	18 RCP	88	PIPE	N/A	N/A	35.08	N/A	N/A	N/A	15 PP
42	CONC. HEADWALL	N/A	30.17	27.04	N/A	N/A	N/A	14x23 ERCP	89	PIPE	N/A	N/A	36.01	N/A	N/A	N/A	15 PP
43	PIPE	N/A	N/A	27.98	N/A	N/A	N/A	18 RCP	90	PIPE	N/A	N/A	34.60	N/A	N/A	N/A	12 RCP

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		

EXISTING STORM STRUCTURE TABLE

STRUCTURE NO.	STRUCTURE TYPE	SIZE (FT)	TOP EL. (FT)	INVERT EL. (FT)	THROAT EL. (FT)	LID EL. (FT)	SKIMMER EL. (FT)	PIPE SIZE (IN)	STRUCTURE NO.	STRUCTURE TYPE	SIZE (FT)	TOP EL. (FT)	INVERT EL. (FT)	THROAT EL. (FT)	LID EL. (FT)	SKIMMER EL. (FT)	PIPE SIZE (IN)
91	PIPE	N/A	N/A	35.49	N/A	N/A	N/A	10 PVC	128	CURB INLET	N/A	32.11	W 28.28	N/A	N/A	N/A	18 RCP
92	PIPE	N/A	N/A	35.59	N/A	N/A	N/A	10 PVC					N 28.25				18 RCP
93	CONC. HEADWALL	N/A	36.68	33.97	N/A	N/A	N/A	18 RCP	129	CURB INLET	N/A	30.98	E 26.74	N/A	N/A	N/A	18 RCP
94	PIPE	N/A	N/A	36.01	N/A	N/A	N/A	10 PVC					W 26.66				18 RCP
95	CONC. HEADWALL	N/A	36.49	33.95	N/A	N/A	N/A	18 RCP	130	CONTROL STRUCTURE	N/A	30.93	27.40	28.77	N/A	N/A	19x30 ERCP
96	PIPE	N/A	N/A	35.53	N/A	N/A	N/A	10 PVC	131	MES	N/A	N/A	26.80	N/A	N/A	N/A	19x30 ERCP
97	CONC. HEADWALL	N/A	36.75	33.74	N/A	N/A	N/A	15 RCP	132	GRATE INLET	N/A	30.00	26.13	N/A	N/A	N/A	18 RCP
98	CONC. HEADWALL	N/A	36.53	33.84	N/A	N/A	N/A	15 RCP	133	PIPE	N/A	N/A	27.26	N/A	N/A	N/A	12 RCP
99	CONC. HEADWALL	N/A	36.03	33.69	N/A	N/A	N/A	15 RCP	134	PIPE	N/A	N/A	27.13	N/A	N/A	N/A	12 RCP
100	CONC. HEADWALL	N/A	36.05	33.49	N/A	N/A	N/A	15 RCP	135	PIPE	N/A	N/A	27.05	N/A	N/A	N/A	12 RCP
101	MES	N/A	N/A	32.81	N/A	N/A	N/A	19x30 ERCP	136	MES	N/A	N/A	26.21	N/A	N/A	N/A	30 RCP
102	MES	N/A	N/A	32.60	N/A	N/A	N/A	19x30 ERCP	137	MES	N/A	N/A	26.18	N/A	N/A	N/A	18 RCP
103	PIPE	N/A	N/A	32.35	N/A	N/A	N/A	24 CMP	138	CONC. HEADWALL	N/A	29.66	27.45	N/A	N/A	N/A	12 RCP
104	PIPE	N/A	N/A	32.56	N/A	N/A	N/A	24 CMP	139	MANHOLE	N/A	N/A	N/A	N/A	30.86	N/A	30 RCP
105	CONC. HEADWALL	N/A	35.95	32.47	N/A	N/A	N/A	18 RCP					N/A				30 RCP
106	CONC. HEADWALL	N/A	35.95	32.49	N/A	N/A	N/A	18 RCP					N/A				36 RCP
107	CONC. HEADWALL	N/A	35.44	32.17	N/A	N/A	N/A	18 RCP	140	CONC. HEADWALL	N/A	29.26	24.93	N/A	N/A	N/A	36 RCP
108	CONC. HEADWALL	N/A	35.15	31.91	N/A	N/A	N/A	18 RCP	141	MES	N/A	N/A	26.12	N/A	N/A	N/A	30 RCP
109	MES	N/A	N/A	31.63	N/A	N/A	N/A	19x30 RCP	142	CONTROL STRUCTURE	N/A	28.73	26.31	N/A	N/A	N/A	18 RCP
110	PIPE	N/A	N/A	30.88	N/A	N/A	N/A	24 RCP	143	GRATE INLET	N/A	29.11	N/A	N/A	N/A	N/A	24 RCP
111	CONC. HEADWALL	N/A	35.92	NE 29.72	N/A	N/A	N/A	30 RCP	144	MES	N/A	N/A	25.90	N/A	N/A	N/A	24 RCP
				W 30.56				24 RCP	145	CURB INLET	N/A	29.49	N/A	N/A	N/A	N/A	N/A
112	MES	N/A	N/A	30.00	N/A	N/A	N/A	19x30 ERCP	146	CURB INLET	N/A	29.43	N/A	N/A	N/A	N/A	N/A
113	GRATE INLET	N/A	36.02	W 31.59	N/A	N/A	N/A	19x30 ERCP	147	MES	N/A	N/A	21.20	N/A	N/A	N/A	30 RCP
				SW 30.19				24 PP	148	MES	N/A	N/A	21.43	N/A	N/A	N/A	30 RCP
				N 29.78				19x30 ERCP	149	MES	N/A	N/A	23.01	N/A	N/A	N/A	30 RCP
				E 29.27				24 RCP	150	MES	N/A	N/A	23.05	N/A	N/A	N/A	30 RCP
114	MES	N/A	N/A	31.96	N/A	N/A	N/A	14x23 ERCP	151	MES	N/A	N/A	20.29	N/A	N/A	N/A	30 RCP
115	GRATE INLET	N/A	35.99	N 31.43	N/A	N/A	N/A	14x23 ERCP	152	MES	N/A	N/A	20.02	N/A	N/A	N/A	30 RCP
				E 29.05				24x38 ERCP	153	MES	N/A	N/A	20.10	N/A	N/A	N/A	30 RCP
				W 29.04				24 RCP	154	MES	N/A	N/A	19.86	N/A	N/A	N/A	30 RCP
116	MES	N/A	N/A	29.12	N/A	N/A	N/A	24x38 ERCP	155	GRATE INLET W/ WEIR	N/A	27.17	22.10	25.74	N/A	N/A	12 RCP
117	CONC. HEADWALL	N/A	32.43	29.02	N/A	N/A	N/A	24 RCP	156	MES	N/A	N/A	21.28	N/A	N/A	N/A	12 RCP
118	CONC. HEADWALL	N/A	32.41	29.32	N/A	N/A	N/A	24 RCP	157	MES	N/A	N/A	18.29	N/A	N/A	N/A	30 RCP
119	CURB INLET	N/A	35.34	31.73	N/A	N/A	N/A	15 RCP	158	PIPE	N/A	N/A	17.29	N/A	N/A	N/A	36 RCP
120	MANHOLE	N/A	N/A	E 31.60	N/A	34.87	N/A	15 RCP	159	PIPE	N/A	N/A	17.22	N/A	N/A	N/A	36 RCP
				S 31.54				15 RCP	160	MES	N/A	N/A	16.63	N/A	N/A	N/A	30 RCP
121	CURB INLET	N/A	34.45	E 30.76	N/A	N/A	N/A	15 RCP									
				W 30.76				15 RCP									
122	CURB INLET	N/A	34.13	29.96	N/A	N/A	N/A	15 RCP									
123	CONC. HEADWALL	N/A	33.68	N/A	N/A	N/A	N/A	N/A									
124	CONC. HEADWALL	N/A	33.81	N/A	N/A	N/A	N/A	N/A									
125	CURB INLET	N/A	33.55	E 29.66	N/A	N/A	N/A	15 RCP									
				S 29.76				15 RCP									
				W 29.78				15 RCP									
126	MANHOLE	N/A	N/A	E 28.06	N/A	32.53	N/A	18 RCP									
				N 28.06				18 RCP									
127	MANHOLE	N/A	N/A	E 28.61	N/A	32.45	N/A	18 RCP									
				W 28.61				15 RCP									

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		EXISTING DRAINAGE MAP (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		11



MATCHLINE STA. - 321+00.00

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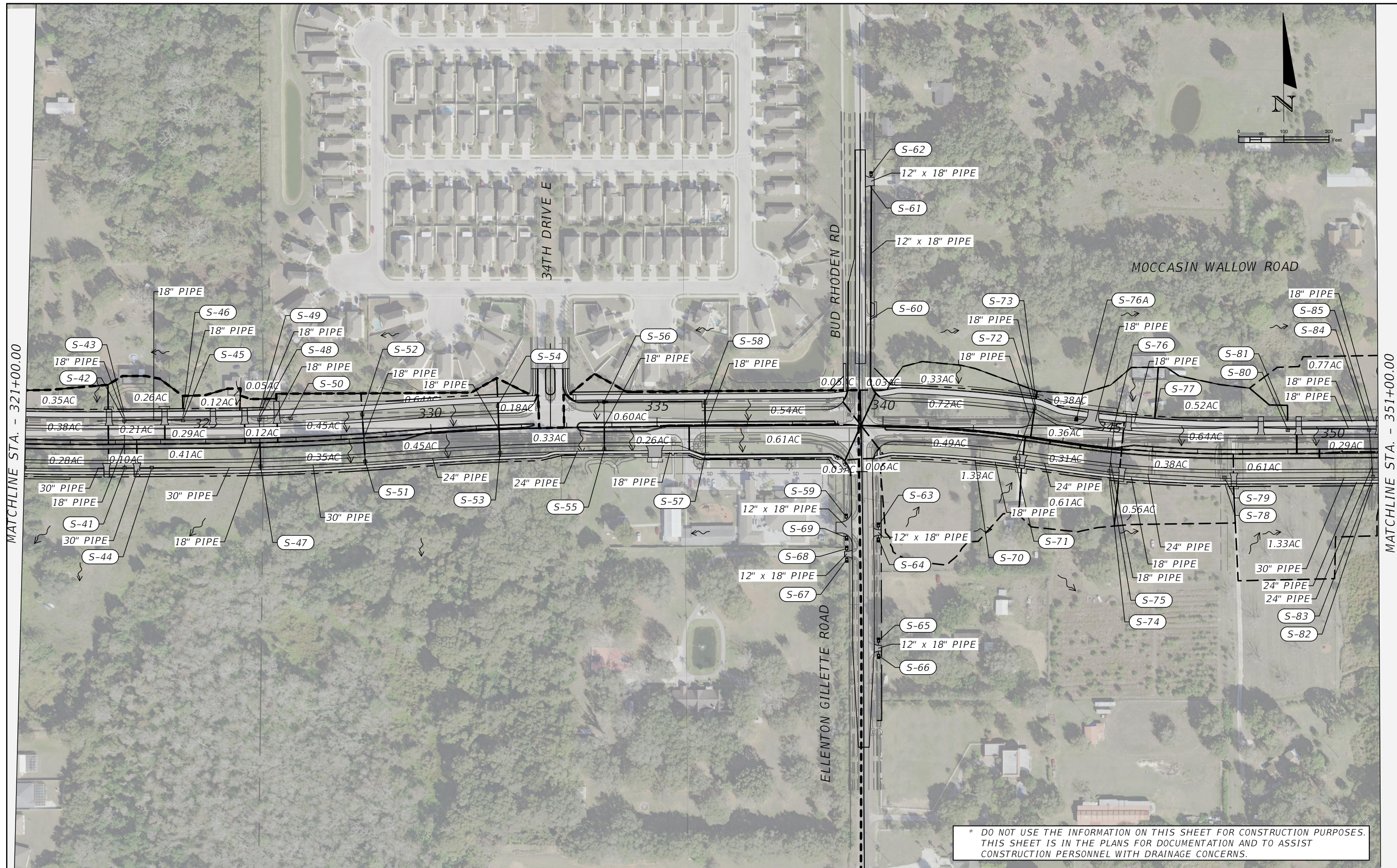
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROPOSED DRAINAGE MAP (1)

SHEET NO.
12



MATCHLINE STA. - 321+00.00

MATCHLINE STA. - 351+00.00

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

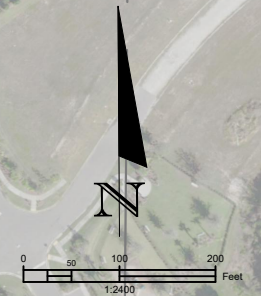
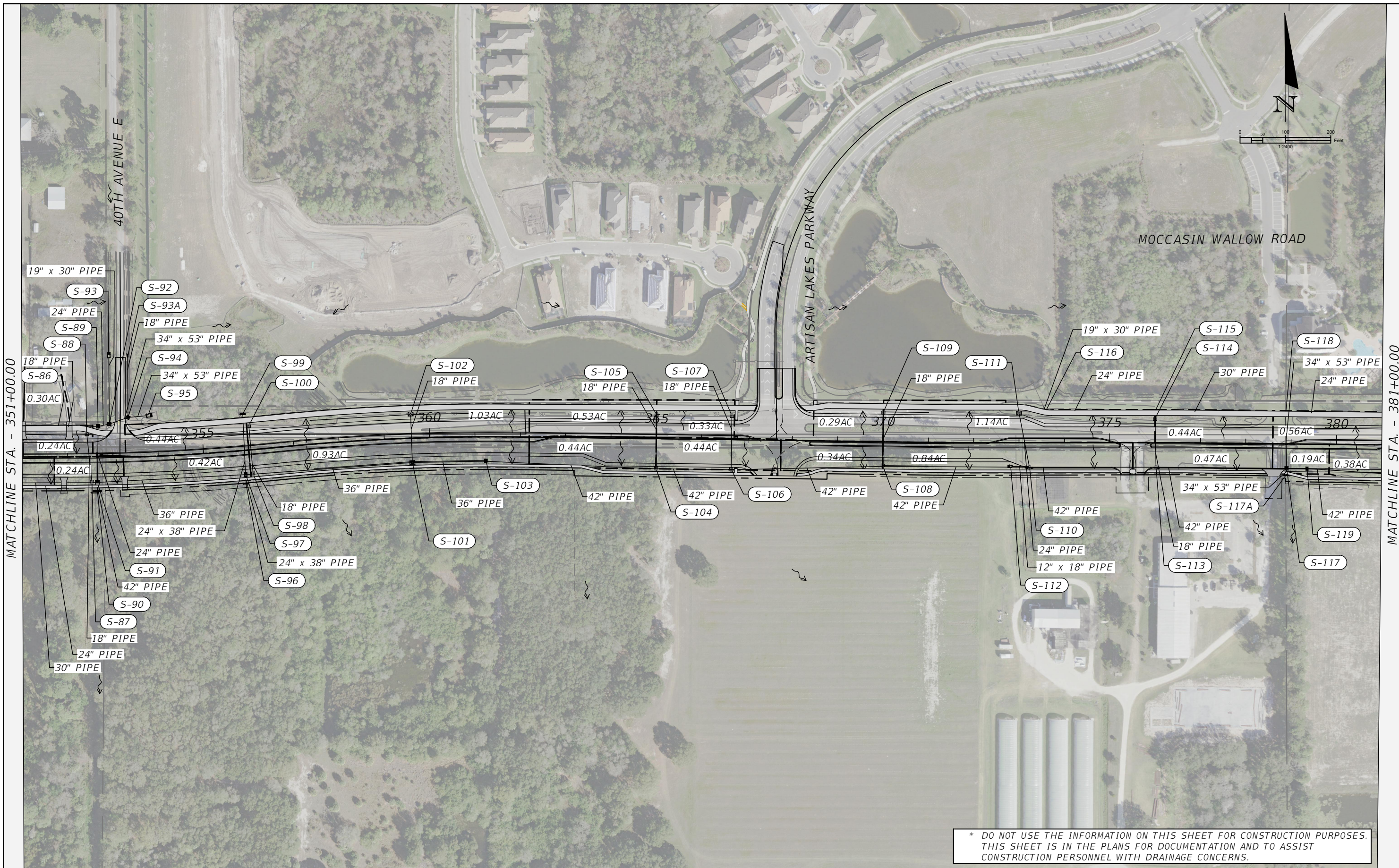
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROPOSED DRAINAGE MAP (2)

SHEET NO.
13

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MATCHLINE STA. - 351+00.00

MATCHLINE STA. - 381+00.00

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

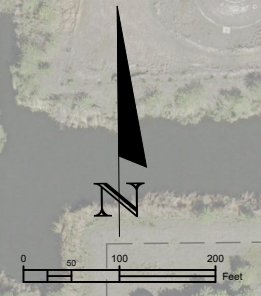
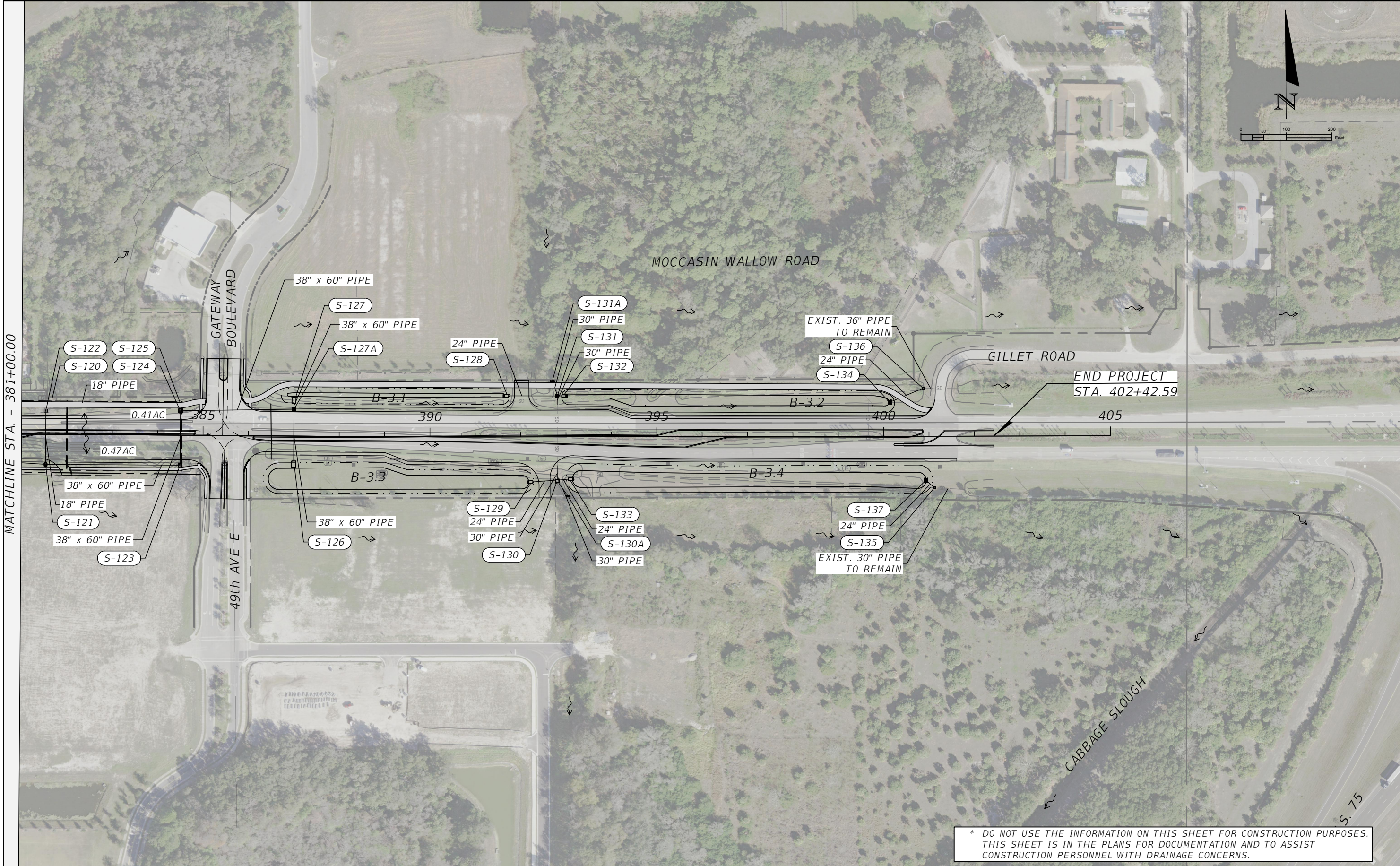
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROPOSED DRAINAGE MAP (3)

SHEET NO.
14

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MATCHLINE STA. - 381+00.00

END PROJECT
STA. 402+42.59

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

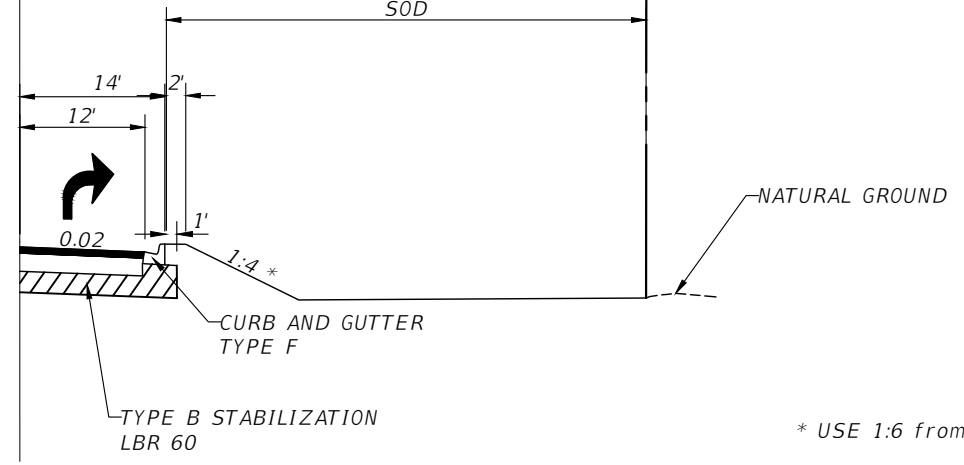
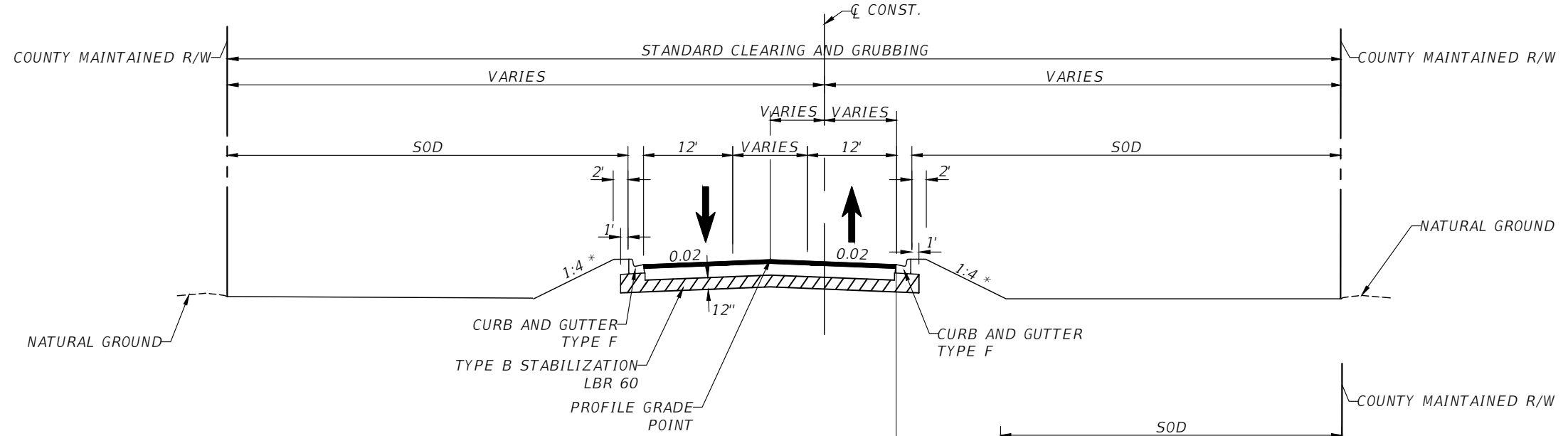
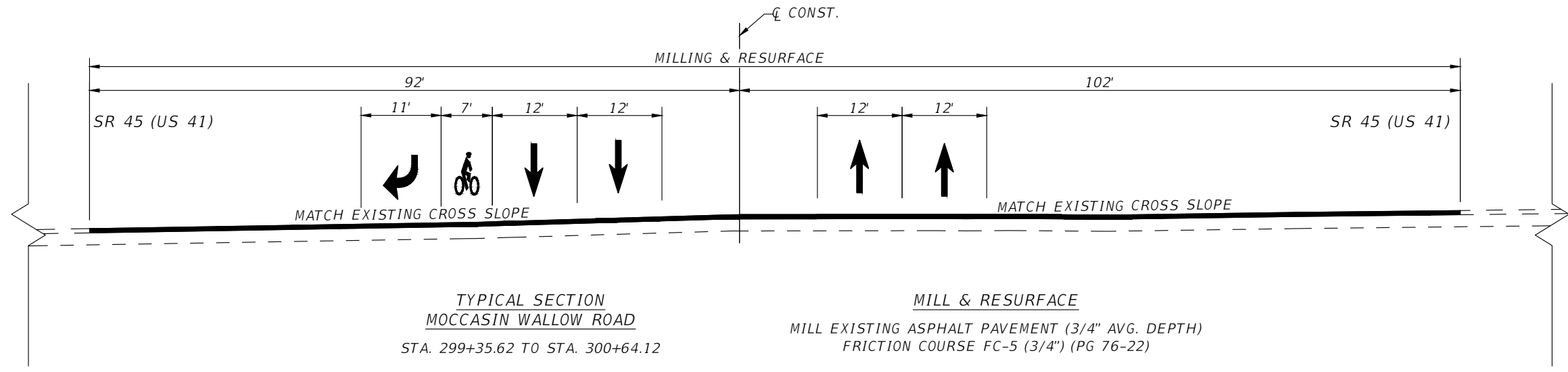
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROPOSED DRAINAGE MAP (4)

SHEET NO.
15

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DESIGN SPEED = 40 MPH (BISHOP HARBOR RD.)
DESIGN SPEED = 65 MPH (SR 45)

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		

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**TYPICAL SECTION
MOCCASIN WALLOW ROAD**

STA. 300+64.12 TO STA. 304+93.00

**TRAVEL LANES AND SHOULDER PAVEMENT
(URBAN SECTION)**

OPTIONAL BASE GROUP 15 (TYPE B-12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

SHARED USE PATH (OPTION #1)

OPTIONAL BASE GROUP 1 (TYPE B-12.5)
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1 1/2")

SHARED USE PATH (OPTION #2)

6" REINFORCED CONCRETE (3,000 PSI @ 28 DAYS)
WITH 6"x6" #10 MESH

STA. 304+93.00 TO STA. 386+09.87

**TRAVEL LANES AND SHOULDER PAVEMENT
(URBAN SECTION)**

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

SHARED USE PATH (OPTION #1)

OPTIONAL BASE GROUP 1 (TYPE B-12.5)
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1 1/2")

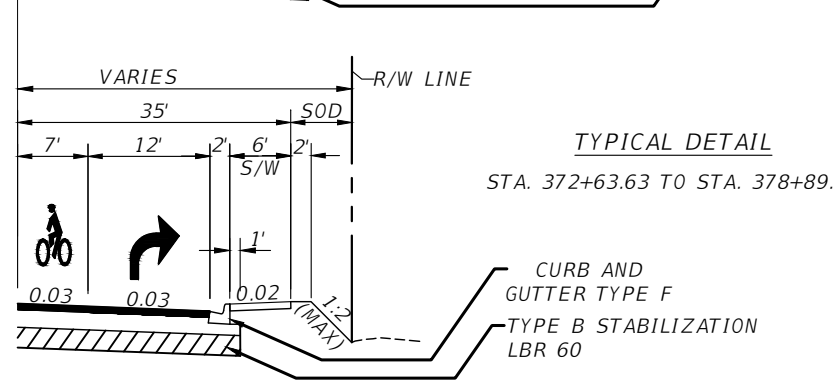
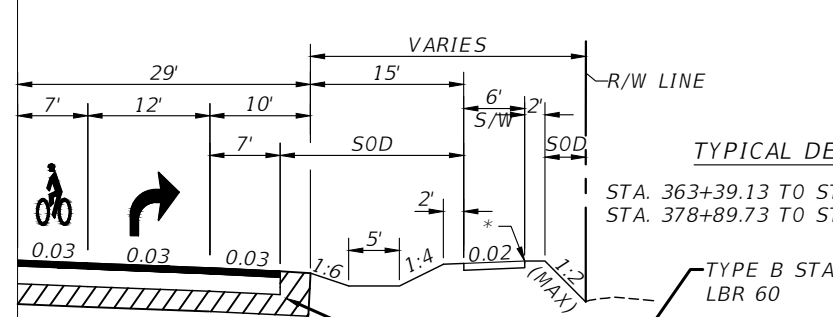
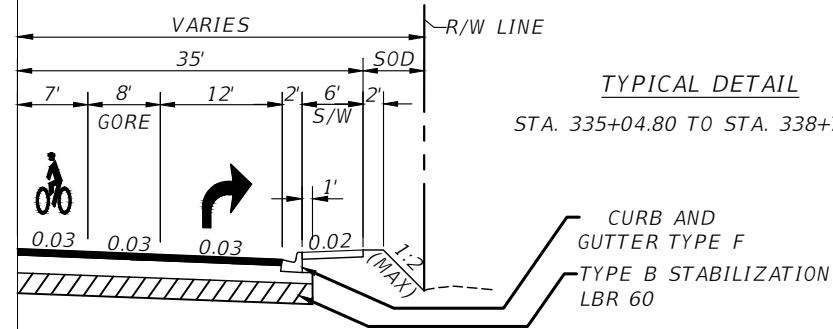
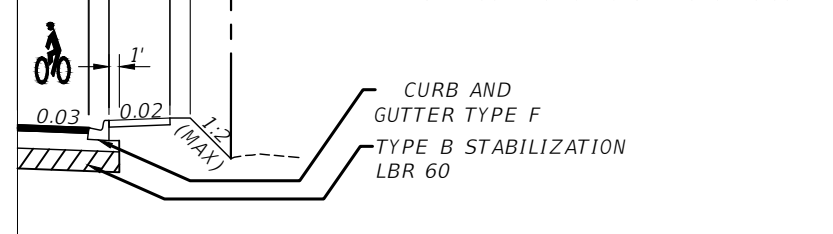
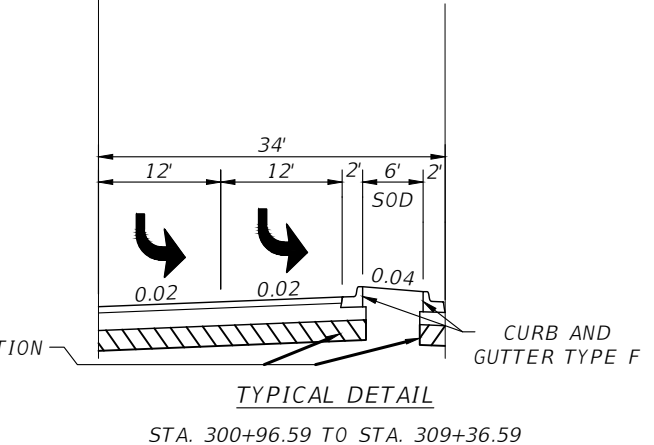
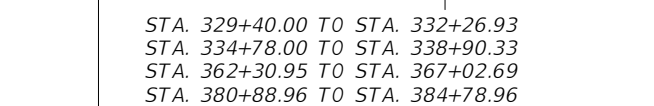
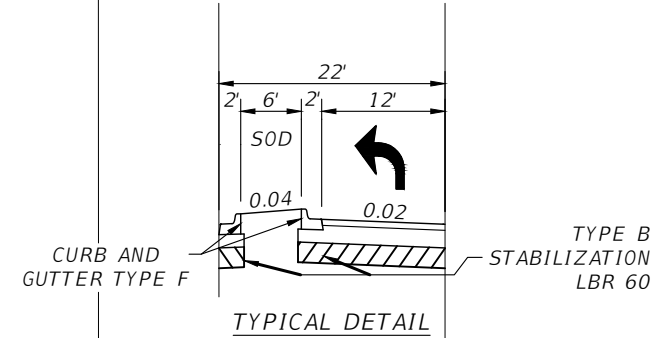
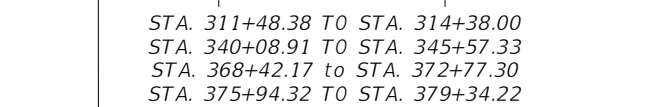
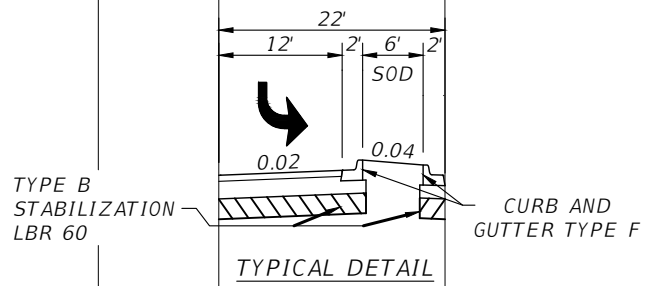
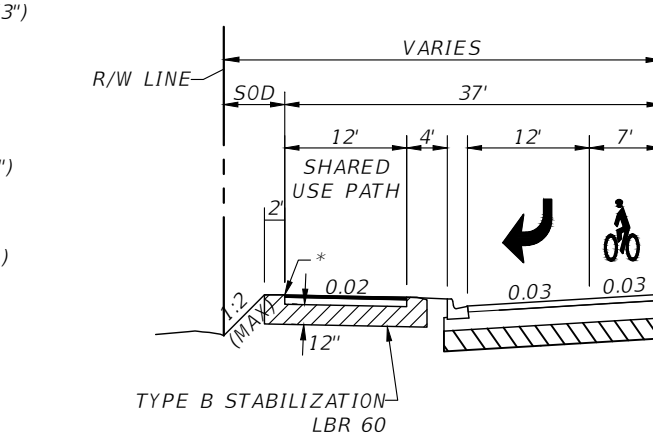
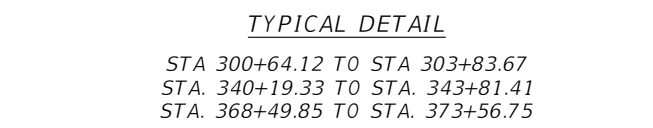
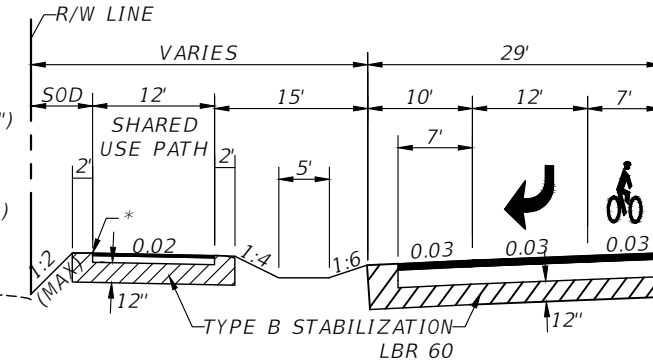
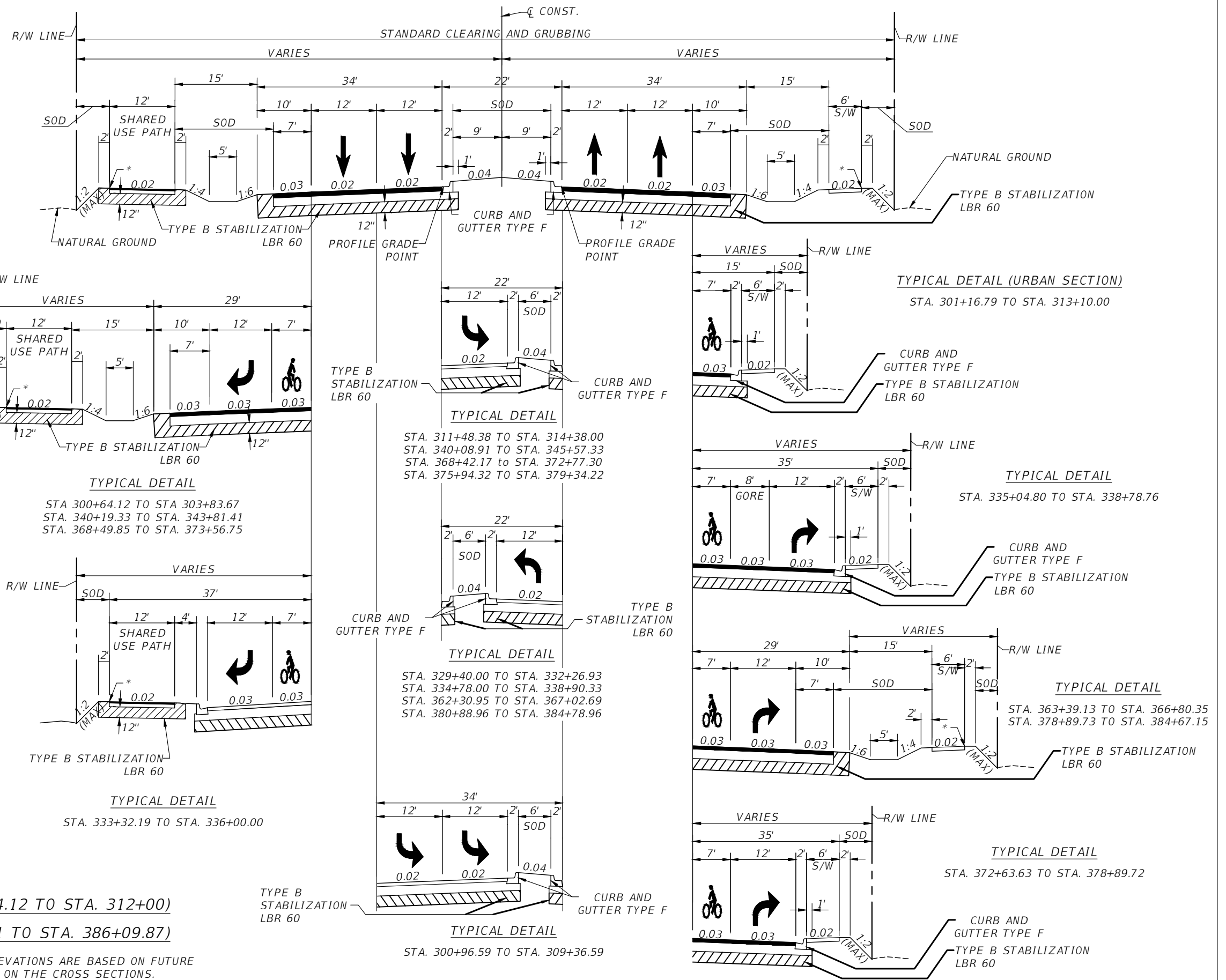
SHARED USE PATH (OPTION #2)

6" REINFORCED CONCRETE (3,000 PSI @ 28 DAYS)
WITH 6"x6" #10 MESH

DESIGN SPEED = 40 MPH (STA. 300+64.12 TO STA. 312+00)

DESIGN SPEED = 45 MPH (STA. 312+01 TO STA. 386+09.87)

*BACK OF SIDEWALK AND BACK OF SHARED USE PATH ELEVATIONS ARE BASED ON FUTURE URBAN TYPICAL SECTION. THESE ELEVATIONS ARE SHOWN ON THE CROSS SECTIONS.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

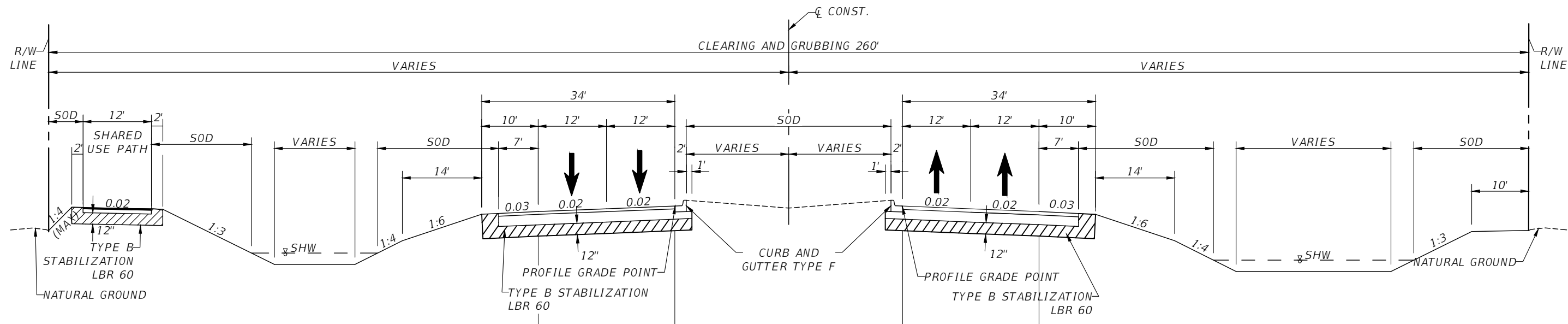
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

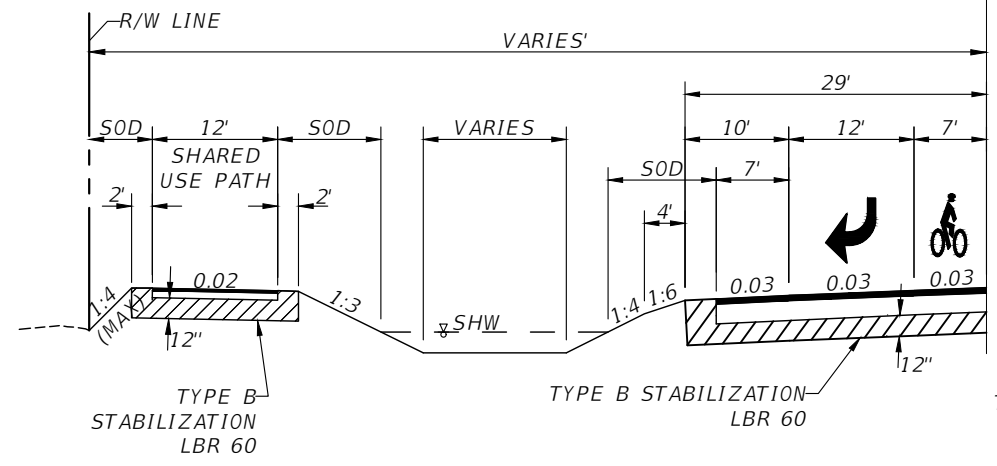
TYPICAL SECTION (2)

SHEET NO.
17

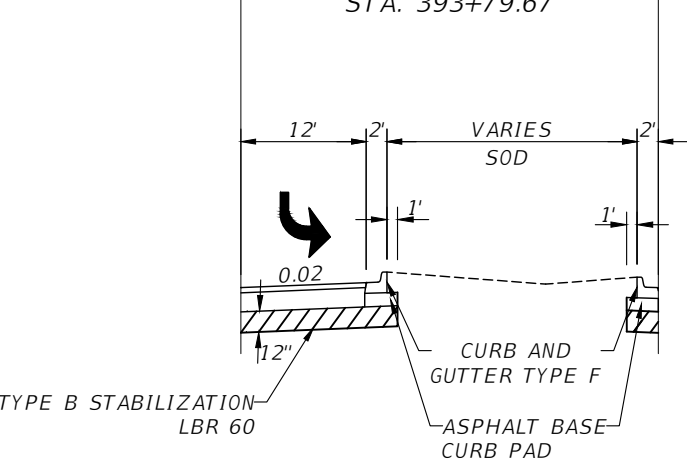
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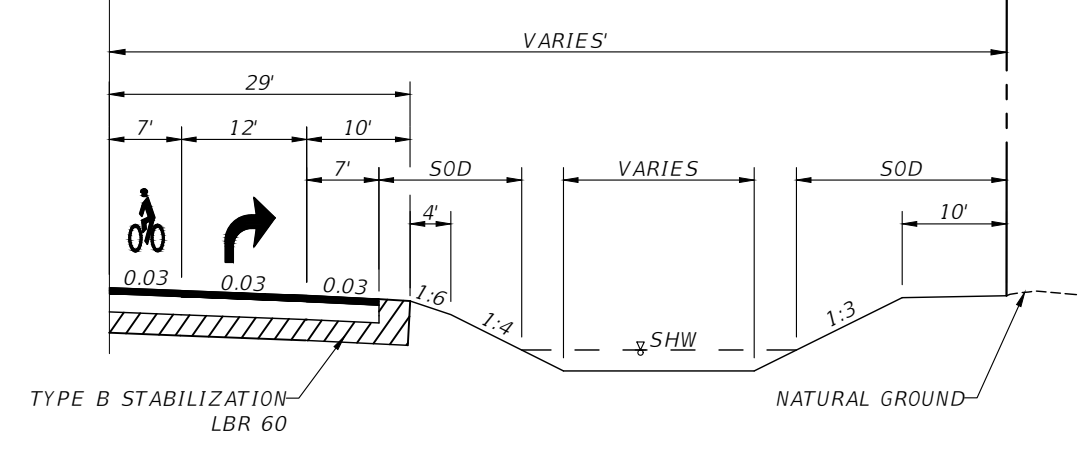
**TYPICAL SECTION
MOCCASIN WALLOW ROAD**
STA. 386+09.87 TO
STA. 393+79.67



TYPICAL DETAIL
STA. 386+29.84 TO STA. 393+79.67



TYPICAL DETAIL
STA. 386+13.67 TO STA. 393+79.67



TYPICAL DETAIL
STA. 389+00.83 TO STA. 391+91.62

DESIGN SPEED = 45 MPH (STA. 386+09.87 TO STA. 393+79.67)

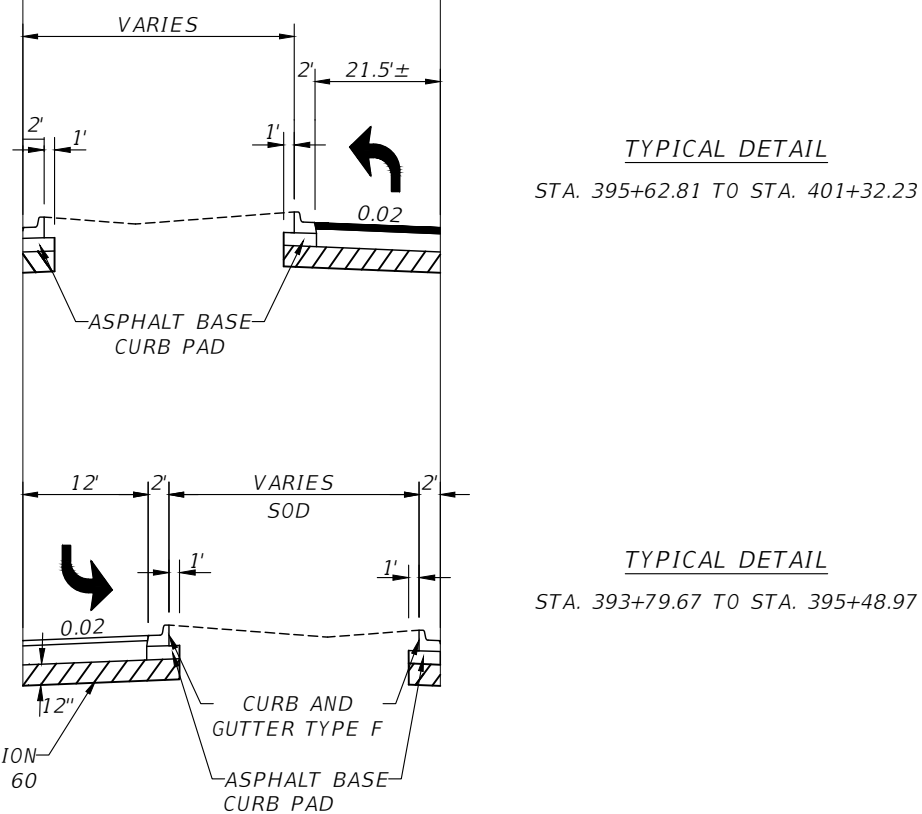
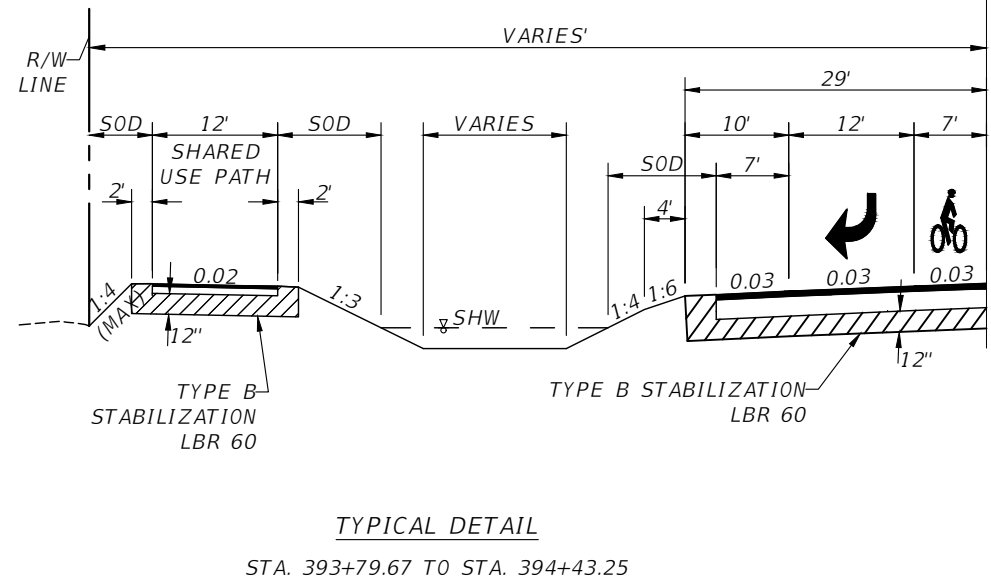
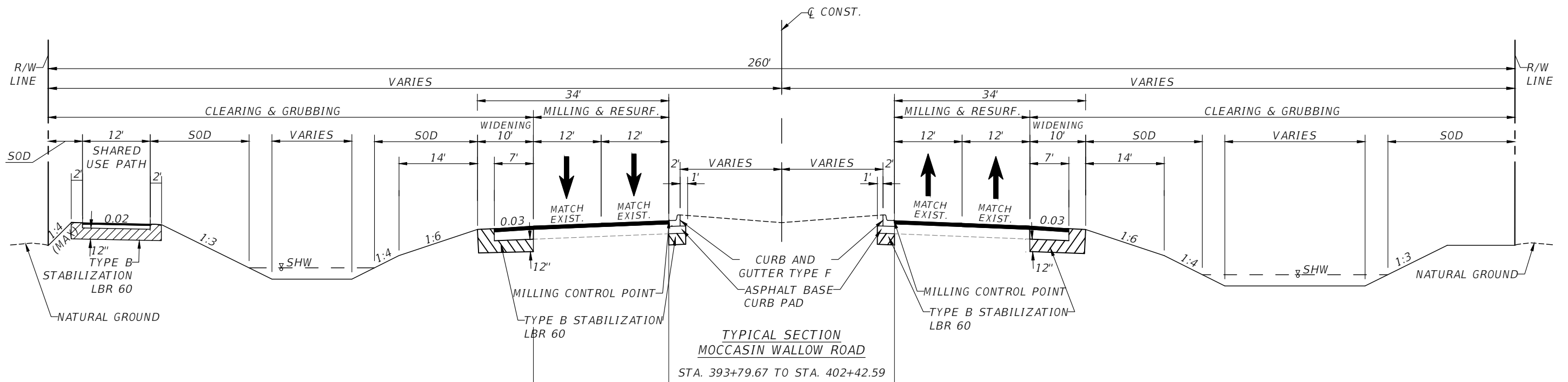
TRAVEL LANES AND SHOULDER PAVEMENT

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

SHARED USE PATH (OPTION #1)
OPTIONAL BASE GROUP 1 (TYPE B-12.5)
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1 1/2")
SHARED USE PATH (OPTION #2)
6" REINFORCED CONCRETE (3,000 PSI @ 28 DAYS)
WITH 6"x6" #10 MESH

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
---	---	---	---	MOCCASIN WALLOW RD	6092560	TYPICAL SECTION (3)	
---	---	---	---	---	---		

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MILL & RESURFACE
MILL 1 1/2"
RESURFACE W/ FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2")

WIDENING AND SHOULDER PAVEMENT
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

SHARED USE PATH (OPTION #1)
OPTIONAL BASE GROUP 1 (TYPE B-12.5)
TYPE SP STRUCTURAL COURSE (TRAFFIC A) (1 1/2")

SHARED USE PATH (OPTION #2)
6" REINFORCED CONCRETE (3,000 PSI @ 28 DAYS)
WITH 6"x6" #10 MESH

DESIGN SPEED = 45 MPH (STA. 393+79.67 TO STA. 402+42.59)

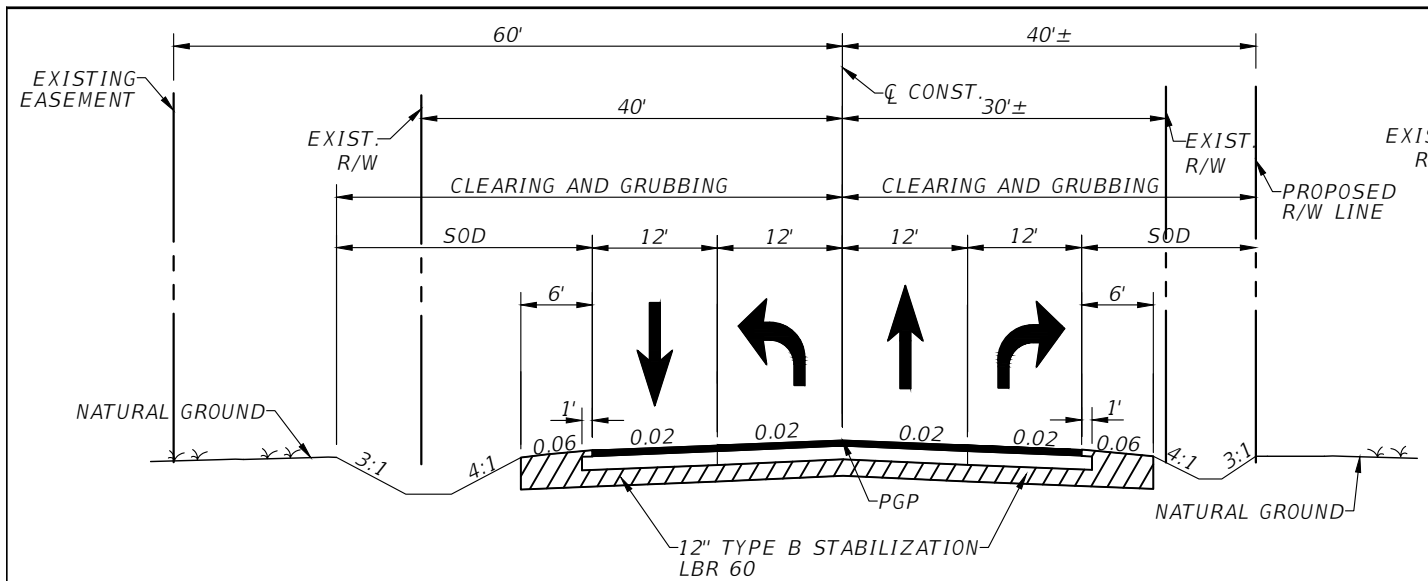
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

TYPICAL SECTION (4)

SHEET NO.
19

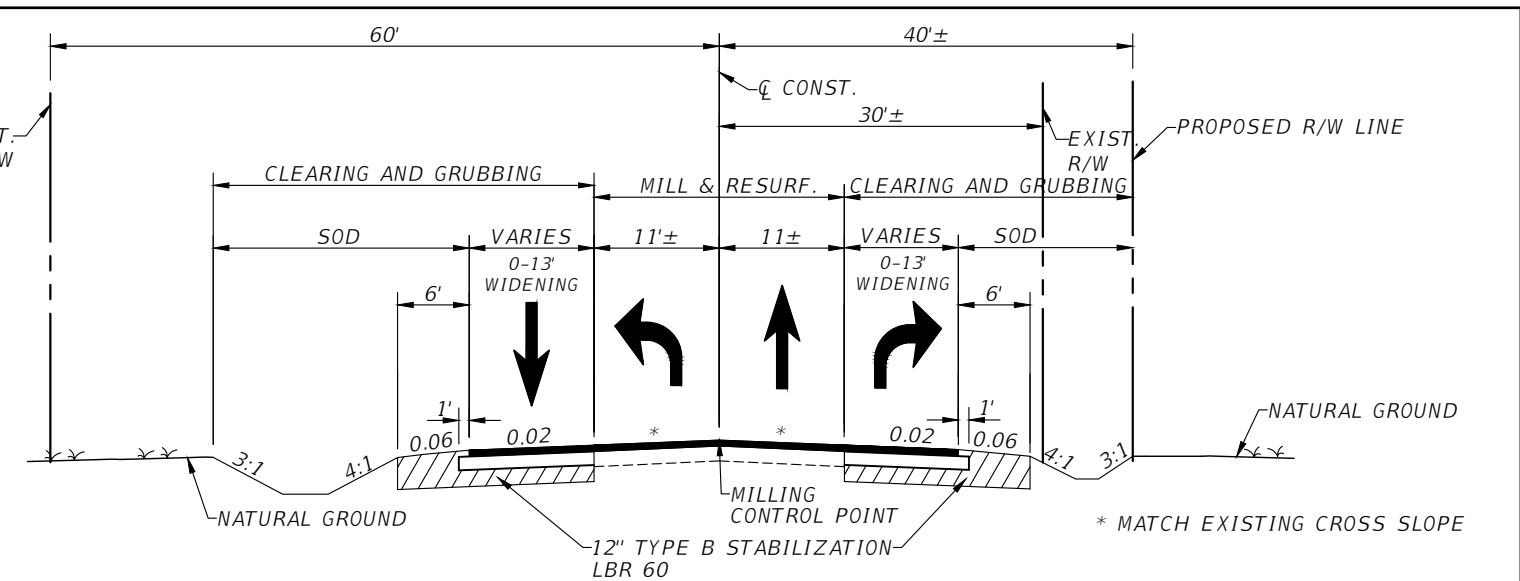


TYPICAL SECTION
ELLENTON GILLETTE RD

STA. 235+99.49 TO STA. 237+40

TRAVEL LANES & WIDENING

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2")



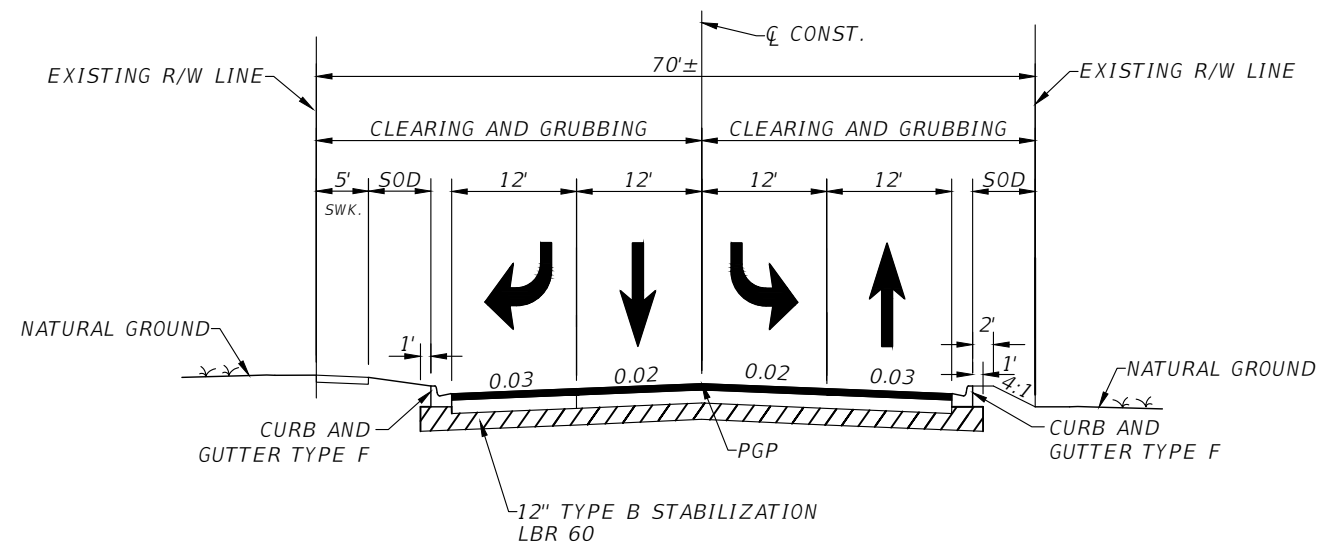
TYPICAL SECTION
ELLENTON GILLETTE RD

STA. 230+90.44 TO STA. 235+99.49

MILL & RESURFACE

MILL 1 1/2"
RESURFACE W/ FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2")

* MATCH EXISTING CROSS SLOPE

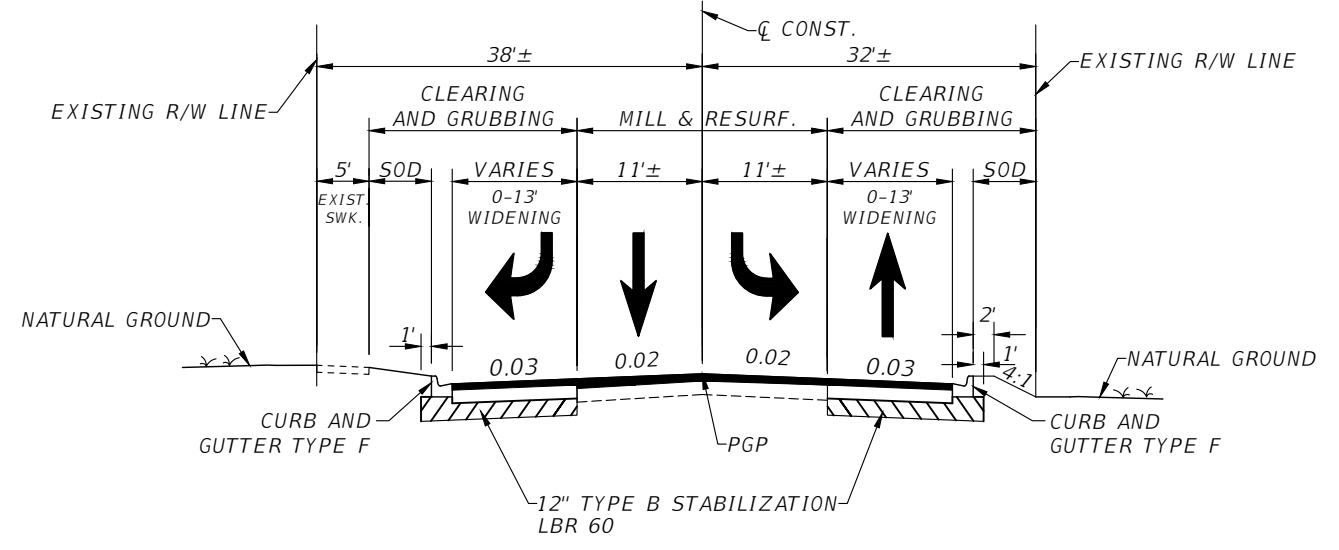


TYPICAL SECTION
BUD RHODEN RD

STA. 238+60 TO STA. 239+40.00

TRAVEL LANES & WIDENING

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2")



TYPICAL SECTION
BUD RHODEN RD

STA. 239+40.00 TO STA. 244+13.21

MILL & RESURFACE

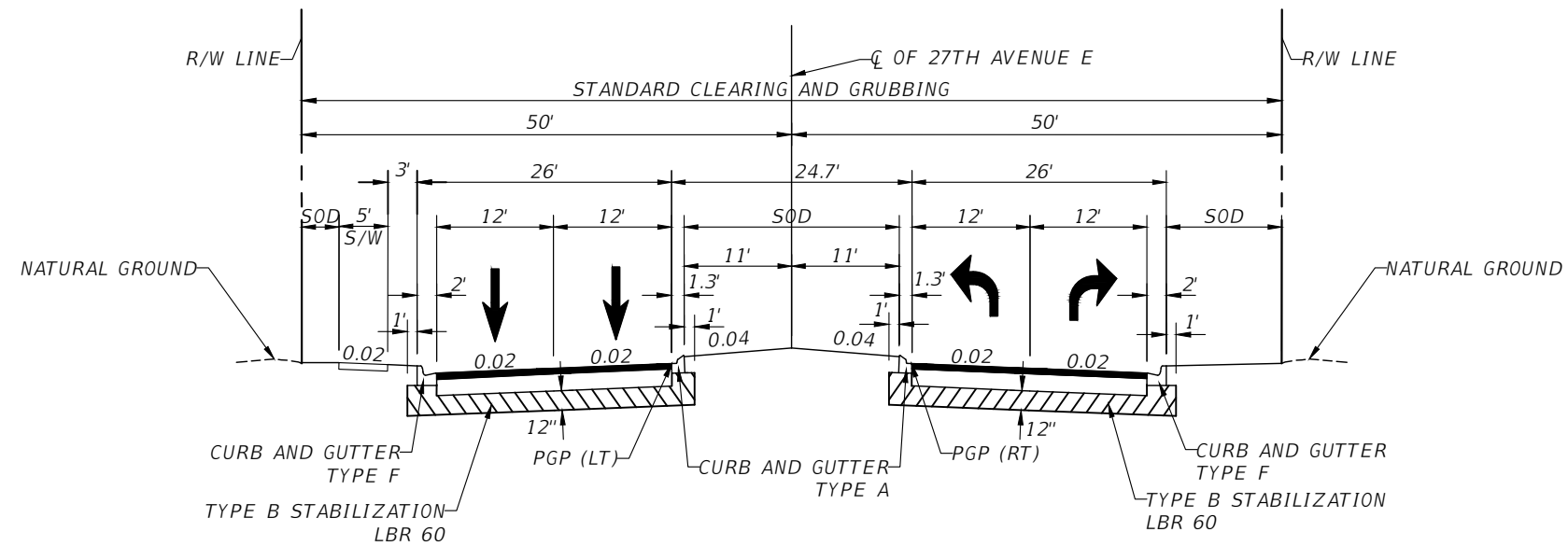
MILL 1 1/2"
OVERBUILD TYPE SP STRUCTURAL COURSE (TRAFFIC C) (THICKNESS VARIES)
RESURFACE W/ FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2")

DESIGN SPEED = 45 MPH (STA. 230+90.48 TO STA. 237+40.00) (36TH AVE E)

DESIGN SPEED = 45 MPH (STA. 238+60.00 TO STA. 244+13.21) (BUD RHODEN RD)

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
---	---	---	---		MOCCASIN WALLOW RD	6092560	

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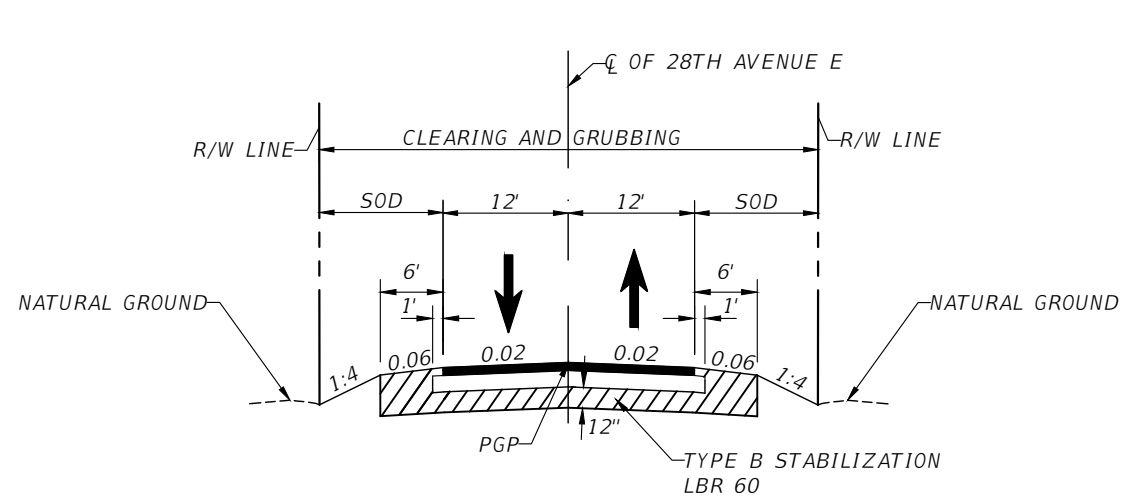
**TYPICAL SECTION
27TH AVENUE EAST**

STA. 200+00.00 TO STA. 200+96.00

TRAVEL LANES (URBAN SECTION)

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

DESIGN SPEED = 25 MPH



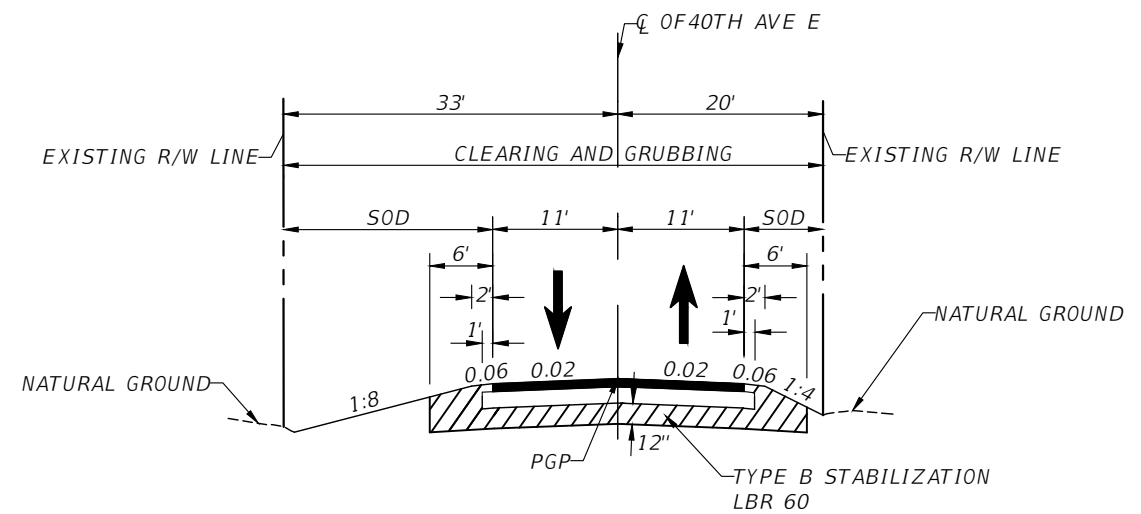
**TYPICAL SECTION
28TH AVENUE EAST**

STA. 210+40.00 TO STA. 210+84.81

TRAVEL LANES (URBAN SECTION)

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

DESIGN SPEED = 30 MPH



**TYPICAL SECTION
40TH AVENUE E**

STA. 260+60.00 TO STA. 262+20.69

TRAVEL LANES (URBAN SECTION)

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

DESIGN SPEED = 25 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

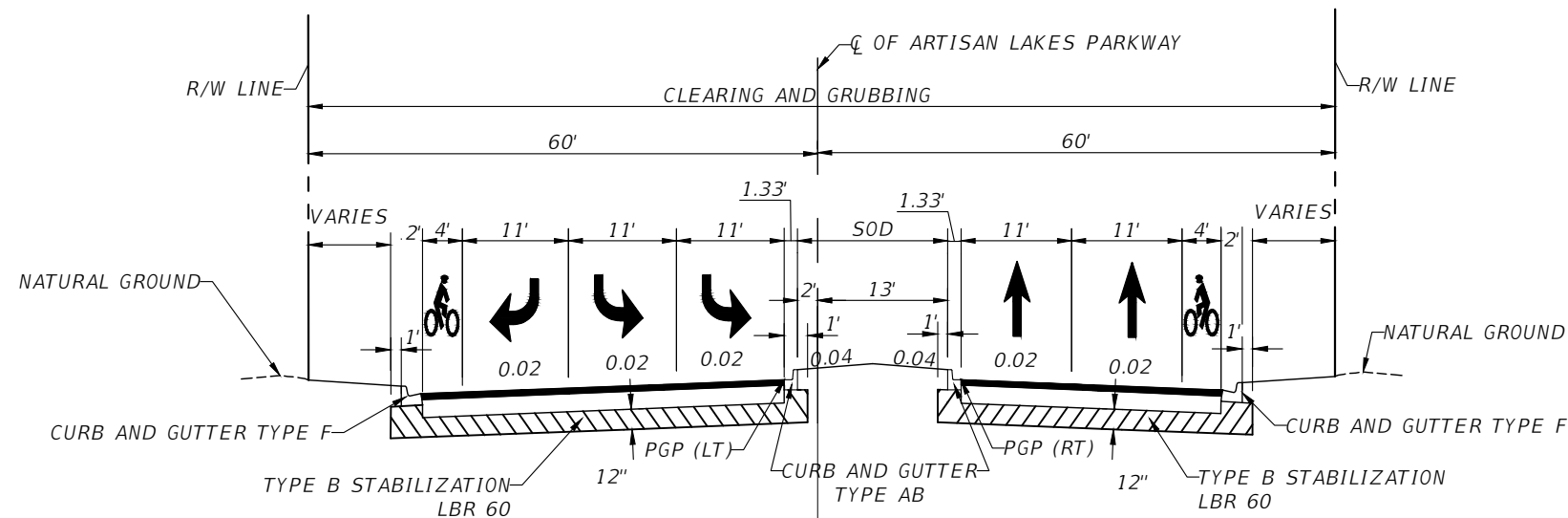
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

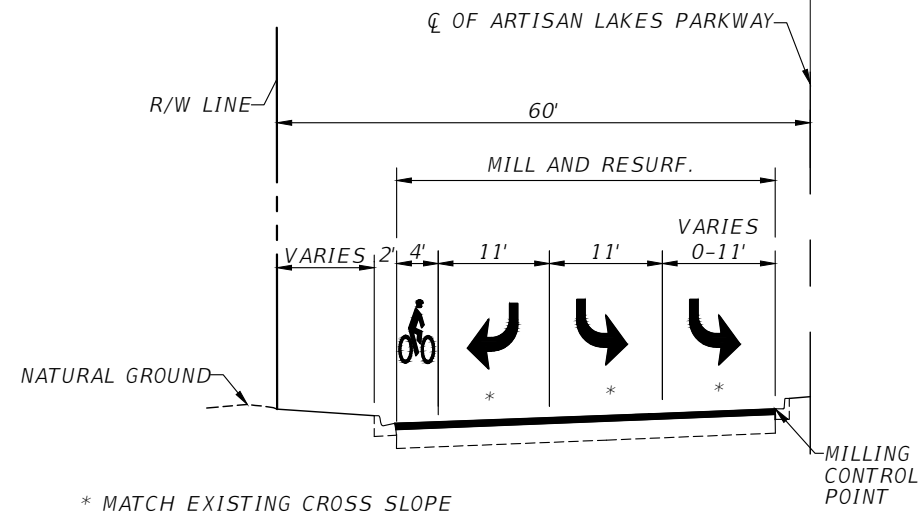
TYPICAL SECTION (6)

SHEET NO.
21

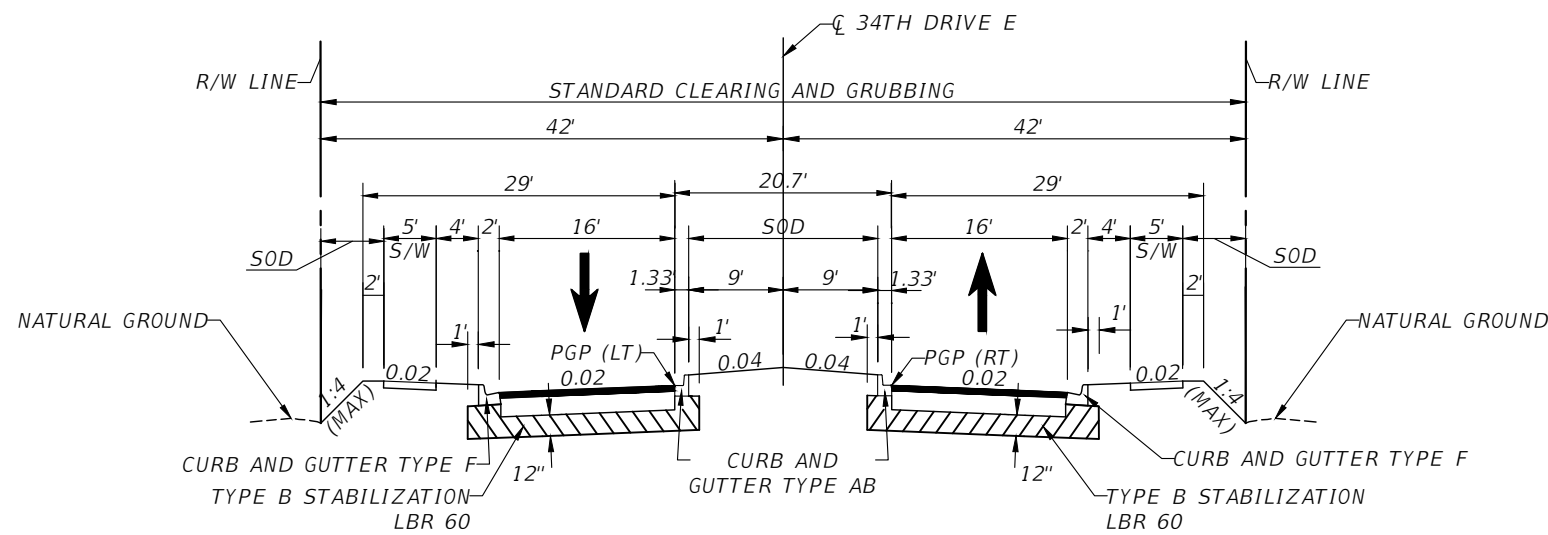
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TYPICAL SECTION
ARTISAN LAKES PARKWAY
 STA. 270+54.00 TO STA. 271+59.00
TRAVEL LANES (URBAN SECTION)
 OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")
DESIGN SPEED = 35 MPH



TYPICAL DETAIL
 STA. 271+59.00 TO STA. 274+30.00
MILL & RESURFACE
 MILL 1 1/2"
 RESURFACE W/ FRICTION COURSE FC-12.5 (TRAFFIC B) (1 1/2")



TYPICAL SECTION
34TH DRIVE E
 STA. 220+35.00 TO STA. 221+31.00
TRAVEL LANES (URBAN SECTION)
 OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")
DESIGN SPEED = 25 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

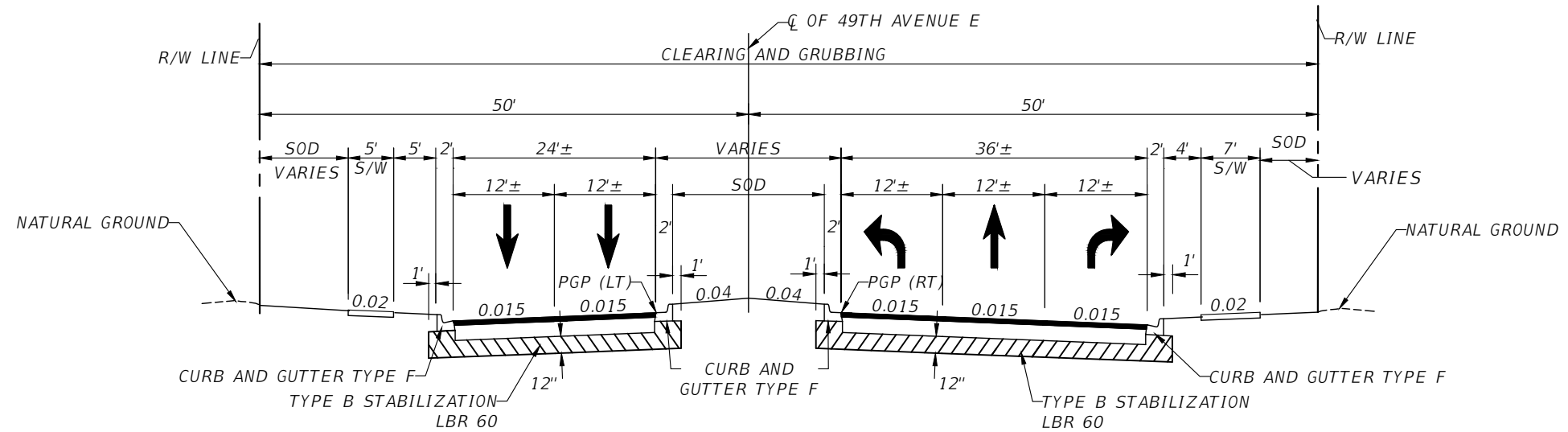
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

TYPICAL SECTION (7)

SHEET NO.
22

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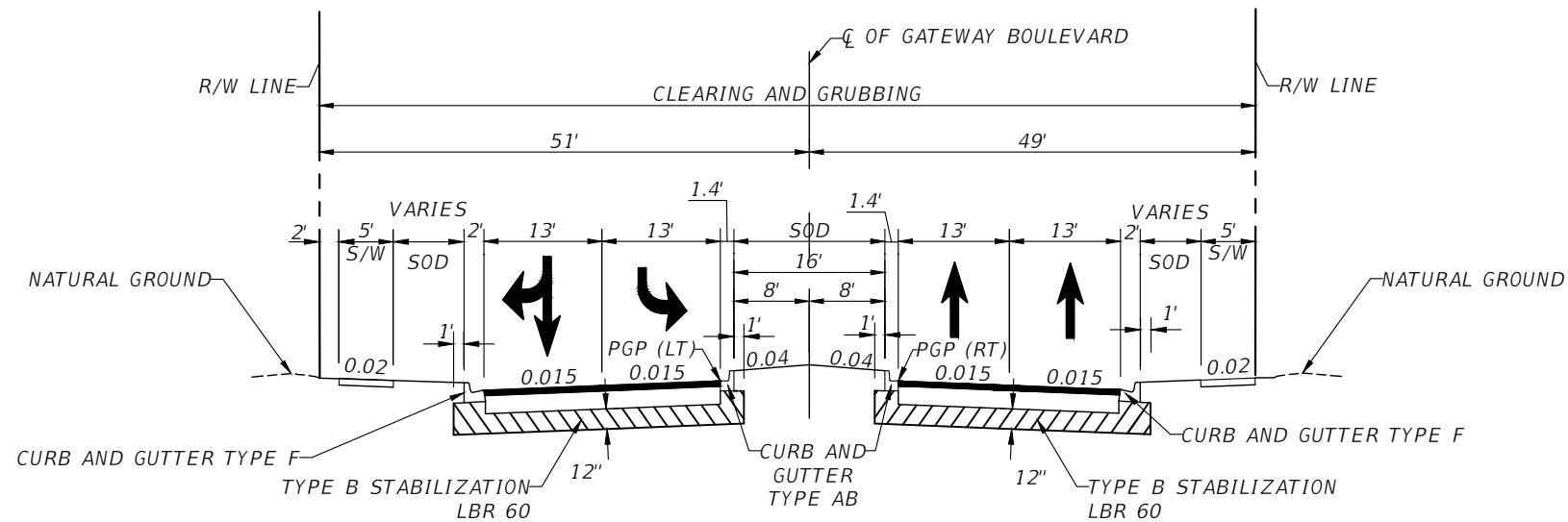
**TYPICAL SECTION
49TH AVENUE E**

STA. 280+22.65 TO STA. 281+60.55

TRAVEL LANES (URBAN SECTION)

OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

DESIGN SPEED = 35 MPH



**TYPICAL SECTION
GATEWAY BOULEVARD**

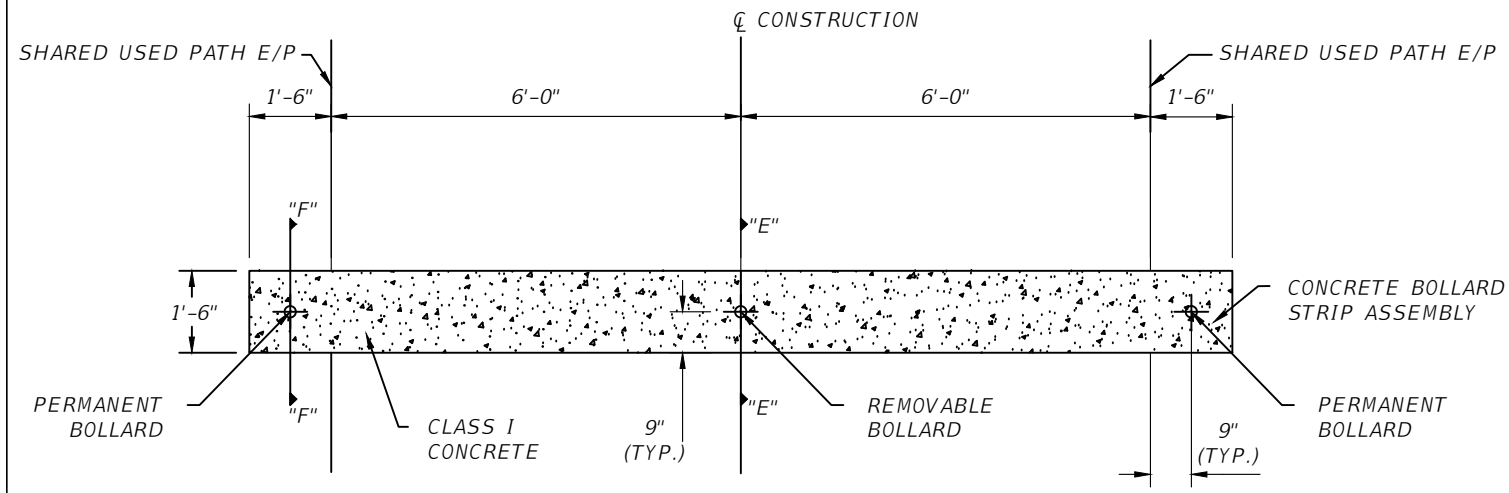
STA. 282+71.55 TO STA. 283+30.00

TRAVEL LANES (URBAN SECTION)

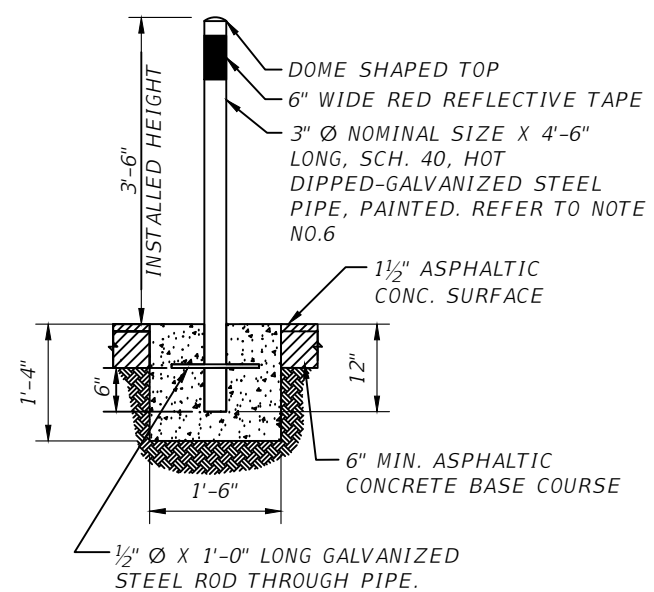
OPTIONAL BASE GROUP 9 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

DESIGN SPEED = 35 MPH

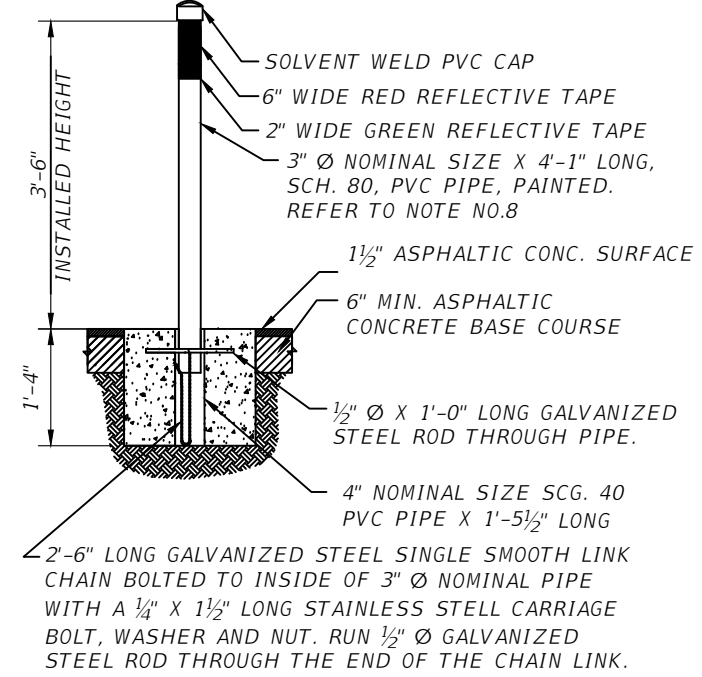
REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TYPICAL SECTION (8)	SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---	MOCCASIN WALLOW RD	6092560			



BOLLARD STRIP PLAN VIEW
NOT TO SCALE

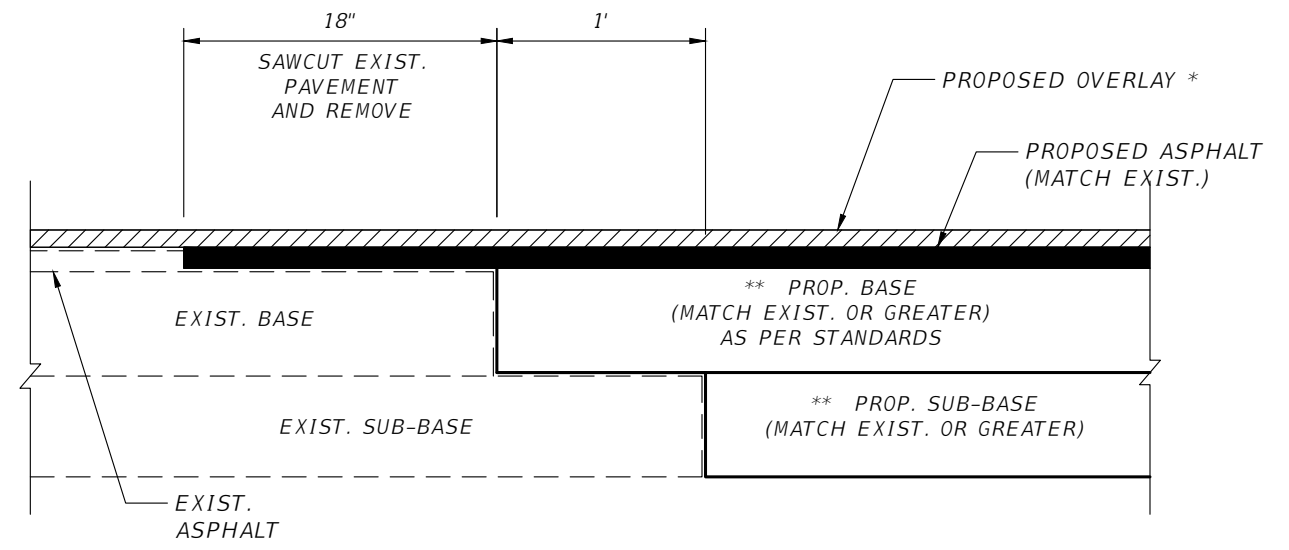


PERMANENT BOLLARD DETAIL "F"
NOT TO SCALE



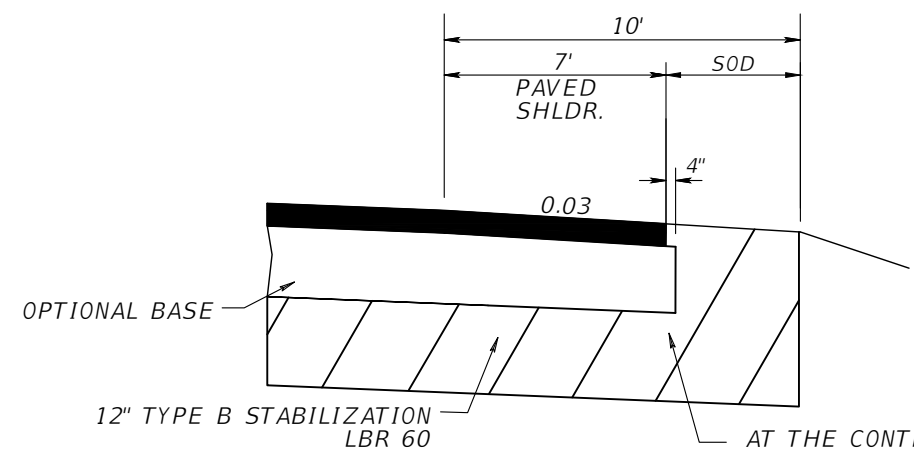
REMOVABLE BOLLARD DETAIL "E"
NOT TO SCALE

- NOTES:**
1. ALL BOLLARDS CONSTRUCTED WITHIN THE CONCRETE BOLLARD ASSEMBLY ARE PAID FOR UNDER CONCRETE BOLLARD STRIP ASSEMBLY.
 2. ALL BOLLARDS CONSTRUCTED OUTSIDE OF THE CONCRETE BOLLARD STRIP ASSEMBLY ARE PAID FOR UNDER A SEPARATE PAY ITEM UNLESS OTHERWISE NOTED.
 3. TYPICAL SHARED USED PATH WIDTH IS 12 FEET; HOWEVER, SHARED USED PATH WIDTHS MAY VARY, WIDTH OF BOLLARD STRIP SHALL BE ADJUSTED TO FIT ACTUAL SHARED USED PATH WIDTH.
 4. E/P REPRESENTS EDGE OF PAVEMENT
 5. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO U.S DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 6. ALL SIGNAGE TO BE ERECTED ALONG SHARED USED PATH IS TO BE OFFSET 4' FROM EDGE OF PAVEMENT TO NEAREST EDGE OF SIGN AND 7' FROM THE PROPOSED GRADE TO THE BOTTOM OF THE SIGN.
 7. 6" WIDE 3MTM PRESSURE SENSITIVE, HIGH-INTENSITY GRADE RED REFLECTIVE SHEETING, TO BE PLACED ON ALL BOLLARDS, OVERLAP ENDS OF SHEETING BY 1/4" MINIMUM.
 8. CONTRACTOR SHALL USE DURABLE REFLECTIVE PAINT DESIGNED FOR APPLICATION ON PVC AND/OR STEEL COMPONENTS. SPECIFICATIONS OF PROPOSED PAINT SHALL BE SUBMITTED TO THE COUNTY FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF PAINTING OPERATIONS. CONTRACTOR SHOULD PREPARE SURFACE ACCORDING TO MANUFACTURER'S DIRECTION.



ROAD CONNECTION DETAIL

- * NOTE: LIMITS OF OVERLAY - EDGE OF PAVEMENT TO EDGE OF PAVEMENT AND 25' BEYOND LIMITS OF CONSTRUCTION.
- ** NOTE: CONNECTION TO OLDER (SUBSTANDARD THICKNESS) ROADS MAY REQUIRE THICKER PROPOSED BASE AND SUB-BASE TO MEET CURRENT STANDARDS.



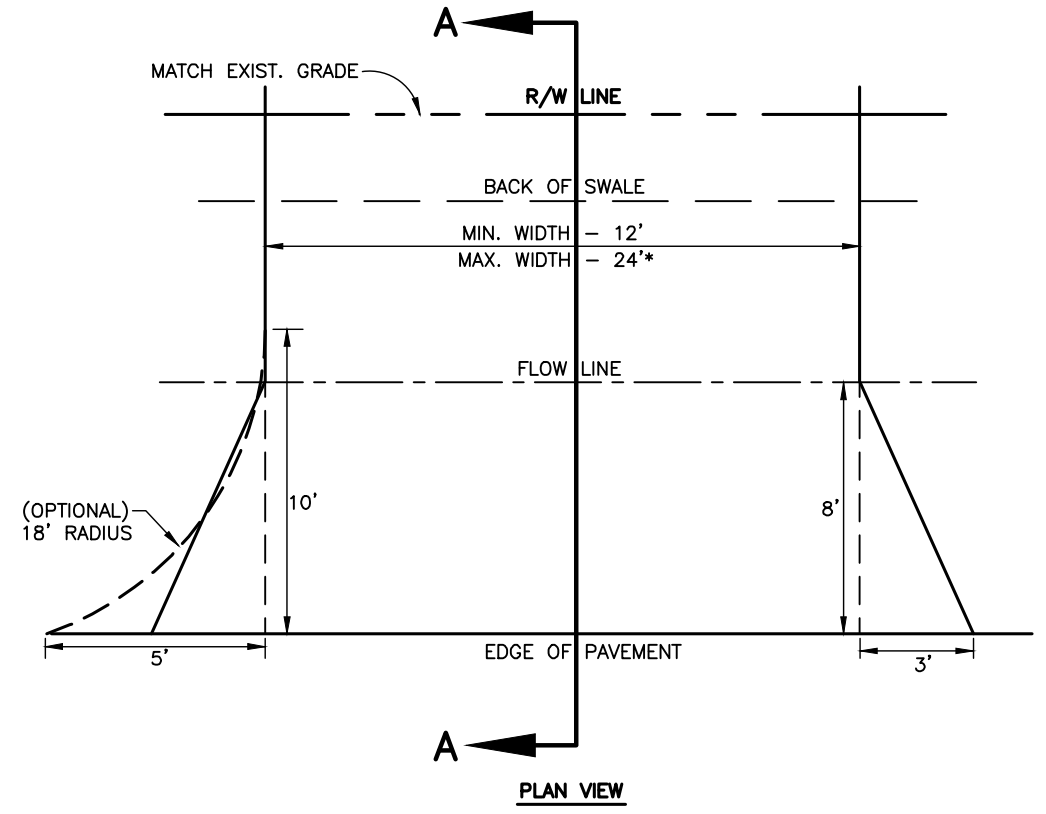
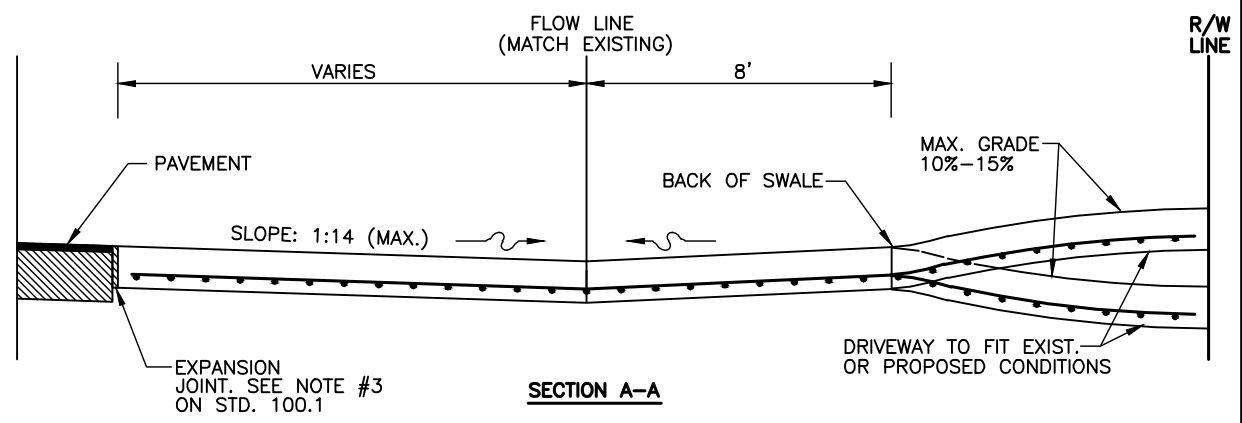
SHOULDER PAVEMENT DETAIL

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 9
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2")

AT THE CONTRACTOR'S OPTION THIS AREA MAY BE CONSTRUCTED OF OPTIONAL BASE MATERIAL AT NO ADDITIONAL COMPENSATION.

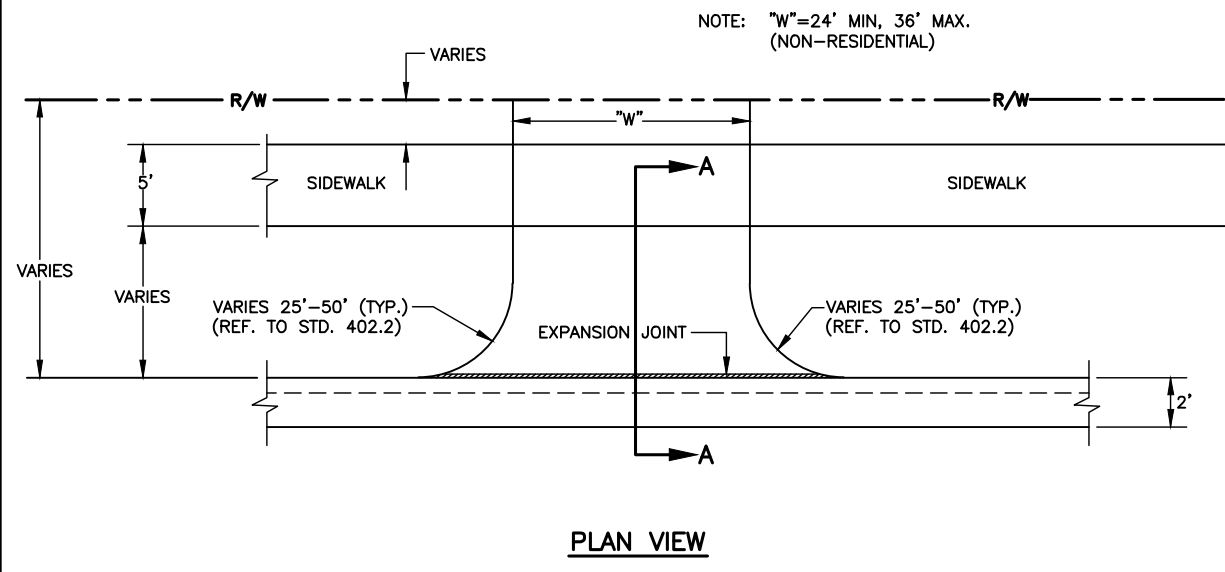
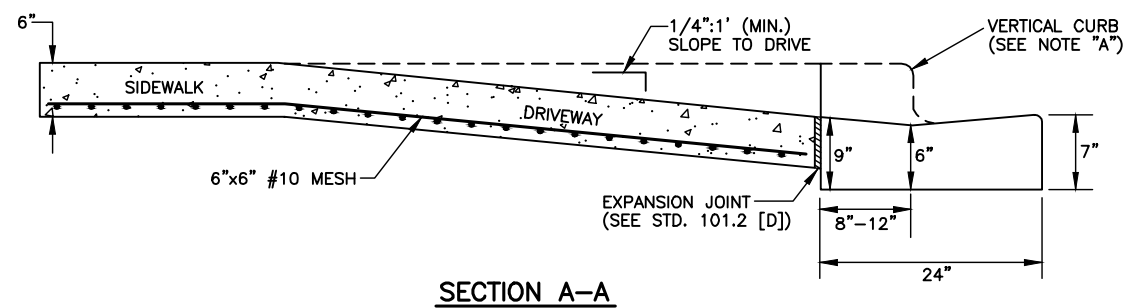
REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. 24
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
---	---	---	---		MOCCASIN WALLOW RD	6092560	



* For driveways that can demonstrate the need for additional width, the width may not be greater than the LESSER of:
 a.) 30' total at the R/W line
 b.) 30% of the front footage as defined on the survey (or field measurements, 36' max,)

- (A) CONSTRUCT WITH 6" REINFORCED CONCRETE (3,000 psi @ 28 DAYS) WITH 6"x6" #10 MESH FROM EDGE OF PAVEMENT TO THE RIGHT-OF-WAY LINE.
- (B) DRIVEWAYS ADJACENT TO A PAVED ROADWAY MUST HAVE THE APRON CONSTRUCTED IN COMPLIANCE WITH THE NOTE (A) ABOVE.
- (C) EXISTING DRAINAGE FLOWLINE TO BE MAINTAINED. PIPING MAY BE REQUIRED AT THE COUNTY'S DISCRETION.
- (D) 3'x8' FLARED APRON IS MINIMAL, OR 18' RADIUS.
- (E) ENGINEERING DIVISION MANAGER MAY APPROVE THE USE OF A SWALE DRIVE, IF ON-SITE CONDITIONS ARE FAVORABLE

MANATEE COUNTY TRANSPORTATION DEPARTMENT		RURAL RESIDENTIAL (SWALE DRIVE)	101.0
REV. BY	DATE		
	6/12/07		
DATE OF B.O.C.C. APPROVAL			



- A) IF REPLACING VERTICAL CURB AND GUTTER, REPLACE WITH MIAMI CURB AND GUTTER.
* NO CHANGE WITH 3' VALLEY CROSSING
- B) SIDEWALK, CONSTRUCT WITH 6" CONCRETE, 6"x6" #10 MESH, 3000 PSI AT 28 DAYS.
- C) DRIVEWAY CONSTRUCTED WITH 6" CONCRETE WITH 6"x6" #10 MESH, 3000 PSI AT 28 DAYS.
- D) EXPANSION JOINT 1/2" PREFORMED JOINT FILLER PER FDOT SECTION 932-1.1 OR APPROVED ALTERNATE.
* IF DRIVE IS WIDER THAN 12', ADD JOINTS AT 10' CENTERS
- E) 5' SIDEWALK ON LOCAL STREETS, 5' SIDEWALK ON THOROUGHFARES.
(MIXED USE PATHS MAY REQUIRE 8' SIDEWALKS PER LAND DEVELOPMENT CODE.)

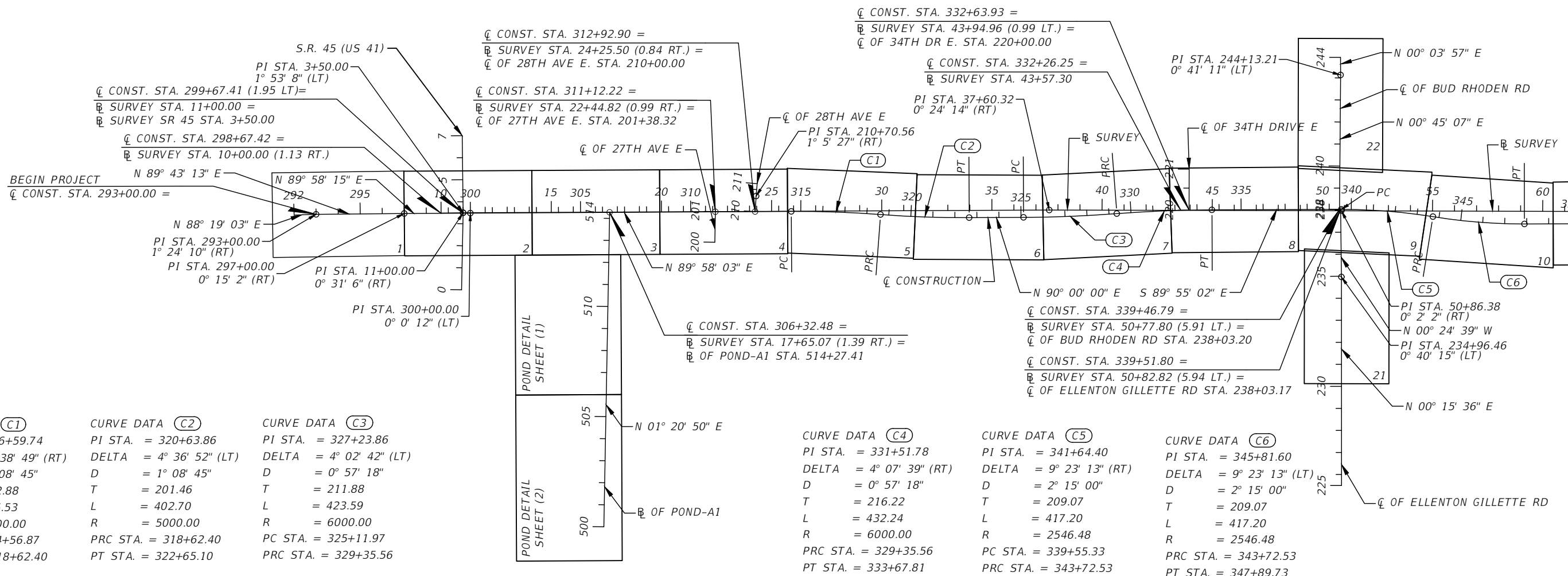
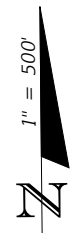
MANATEE COUNTY TRANSPORTATION DEPARTMENT		COMMERCIAL & INDUSTRIAL DRIVE	101.3
REV. BY	DATE		
	6/12/07		
DATE OF B.O.C.C. APPROVAL			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY		TYPICAL DETAILS (2)	SHEET NO. 25
ROAD NO.	PROJECT ID		
MOCCASIN WALLOW RD	6092560		

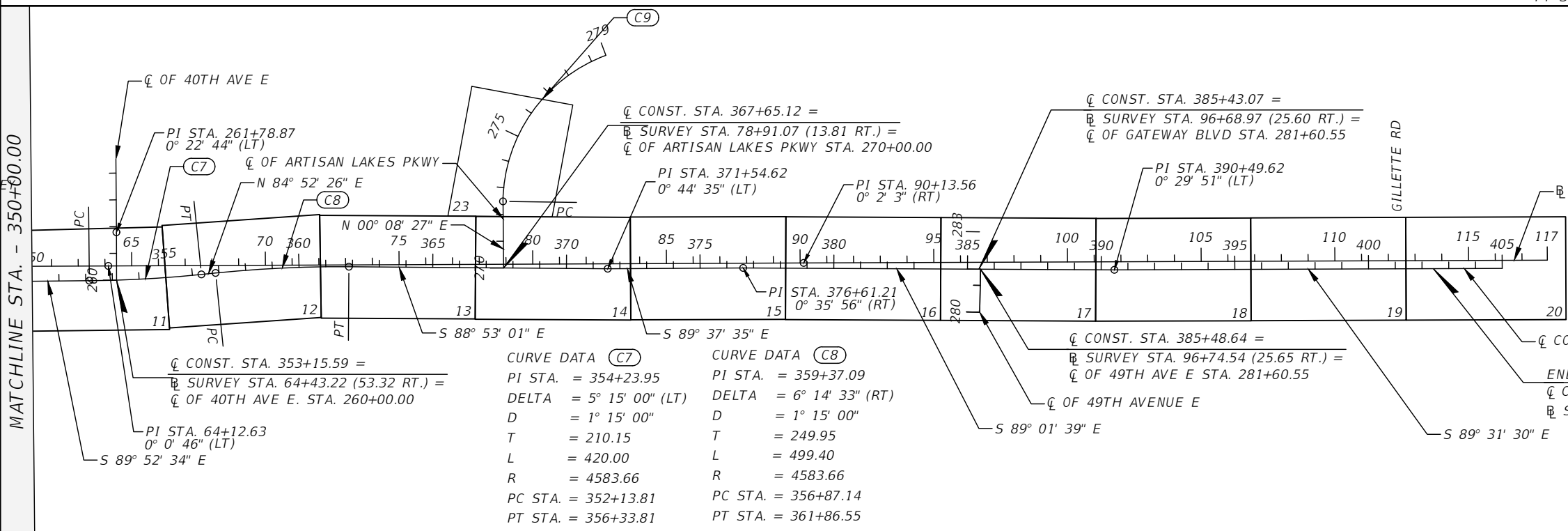
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CURVE DATA (C1)	CURVE DATA (C2)	CURVE DATA (C3)
PI STA. = 316+59.74	PI STA. = 320+63.86	PI STA. = 327+23.86
DELTA = 4° 38' 49" (RT)	DELTA = 4° 36' 52" (LT)	DELTA = 4° 02' 42" (LT)
D = 1° 08' 45"	D = 1° 08' 45"	D = 0° 57' 18"
T = 202.88	T = 201.46	T = 211.88
L = 405.53	L = 402.70	L = 423.59
R = 5000.00	R = 5000.00	R = 6000.00
PC STA. = 314+56.87	PRC STA. = 318+62.40	PC STA. = 325+11.97
PRC STA. = 318+62.40	PT STA. = 322+65.10	PRC STA. = 329+35.56

CURVE DATA (C4)	CURVE DATA (C5)	CURVE DATA (C6)
PI STA. = 331+51.78	PI STA. = 341+64.40	PI STA. = 345+81.60
DELTA = 4° 07' 39" (RT)	DELTA = 9° 23' 13" (RT)	DELTA = 9° 23' 13" (LT)
D = 0° 57' 18"	D = 2° 15' 00"	D = 2° 15' 00"
T = 216.22	T = 209.07	T = 209.07
L = 432.24	L = 417.20	L = 417.20
R = 6000.00	R = 2546.48	R = 2546.48
PRC STA. = 329+35.56	PC STA. = 339+55.33	PRC STA. = 343+72.53
PT STA. = 333+67.81	PRC STA. = 343+72.53	PT STA. = 347+89.73

D	= 9° 41' 34"
T	= 404.69
L	= 709.73
R	= 591.13
PC STA.	= 272+48.44
PT STA.	= 279+58.17



CURVE DATA (C7)	CURVE DATA (C8)
PI STA. = 354+23.95	PI STA. = 359+37.09
DELTA = 5° 15' 00" (LT)	DELTA = 6° 14' 33" (RT)
D = 1° 15' 00"	D = 1° 15' 00"
T = 210.15	T = 249.95
L = 420.00	L = 499.40
R = 4583.66	R = 4583.66
PC STA. = 352+13.81	PC STA. = 356+87.14
PT STA. = 356+33.81	PT STA. = 361+86.55

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

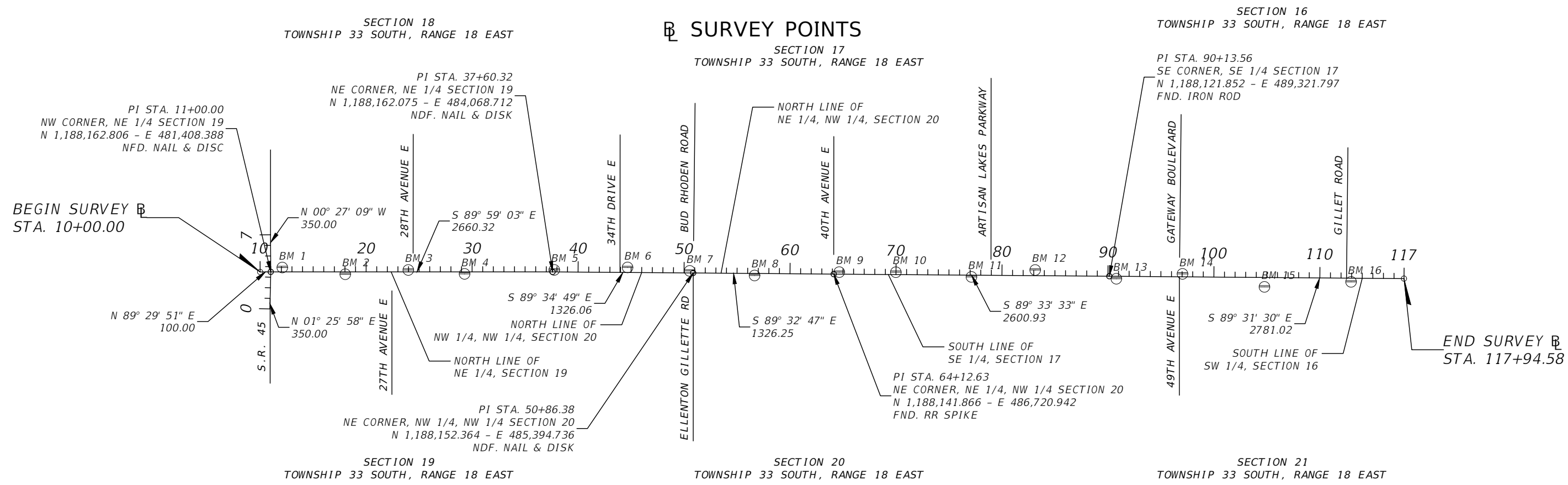
MATCHLINE STA. - 350+00.00

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MATCHLINE STA. - 350+00.00



REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PROJECT LAYOUT	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		



- LEGEND**
- ⊕ = BENCHMARK
 - = BASELINE
 - ⊥ = CENTERLINE
 - FND = FOUND
 - PI = POINT OF INTERSECTION
 - STA = STATION
 - S.R. = STATE ROAD





- PROJECT CONTROL NOTES**
1. THIS SURVEY IS REFERENCED TO A PROJECTION OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE NAD 1983/2011 ADJUSTMENT).
 2. VERTICAL DATUM : NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88)
 3. PROJECT UNITS : US FEET

HORIZONTAL AND VERTICAL CONTROL						
STAMPING ID.	⊥ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)
BM 1	12+09.20	40.92 L	14.45'	IR (LB 7203)	1188203.70	481517.60
BM 2	18+03.36	22.72 R	21.82'	IR (LB 7203)	1188139.89	482111.74
BM 3	23+98.24	17.62 L	27.38'	IR (LB 7203)	1188180.07	482706.64
BM 4	29+29.02	19.03 R	30.55'	IR (LB 7203)	1188143.27	483237.40
BM 5	37+75.75	18.65 L	36.19'	IR (LB 7203)	1188180.61	484084.27
BM 6	44+67.23	46.95 L	37.67'	IR (LB 7203)	1188203.84	484775.94
BM 7	50+53.11	18.72 L	38.56'	IR (LB 7203)	1188171.32	485361.60
BM 8	56+65.62	19.37 R	37.73'	IR (LB 7203)	1188128.41	485973.80
BM 9	64+65.24	18.35 L	36.00'	IR (LB 7203)	1188159.81	486773.69
BM 10	69+98.63	22.18 L	34.92'	IR (LB 7203)	1188159.54	487307.10
BM 11	77+12.69	16.92 R	33.43'	IR (LB 7203)	1188114.94	488020.84
BM 12	83+13.47	52.94 L	31.04'	IR (LB 7203)	1188180.18	488622.13
BM 13	90+80.06	23.87 R	30.11'	IR (LB 7203)	1188097.44	489388.09
BM 14	97+04.07	27.40 L	29.87'	ND (LB 7203)	1188143.53	490012.51
BM 15	104+78.71	88.63 R	27.34'	IR (LB 7203)	1188021.08	490786.16
BM 16	112+95.77	34.41 R	28.54'	IR (LB 7203)	1188068.52	491603.61

REVISIONS				RUSSELL P. HYATT LICENSE NUMBER 5303 HYATT SURVEY SERVICES, INC. 2012 LENA ROAD BRADENTON, FLORIDA 34211 CERTIFICATE OF AUTHORIZATION LB7203	MANATEE COUNTY		SHEET NO. PROJECT CONTROL 31
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
----		----			MOCCASIN WALLOW RD	6092560	

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LEGEND

- SITE CONTROL POINT
 - IRON PIPE FOUND
 - IRON ROD FOUND
 - CONCRETE MONUMENT FOUND
 - SIGN
 - ∅ WOOD UTILITY POLE
 - ∅ CONCRETE UTILITY POLE
 - ← GUY WIRE
 - WATER METER
 - ⊗ WATER VALVE
 - ⊗ RECLAIM VALVE
 - ⊙ SANITARY MANHOLE
 - ⊙ STORM MANHOLE
 - ▣ GRATE INLET
 - ⊙ FIRE HYDRANT
 - ⊙ BACKFLOW PREVENTER
 - ▣ UTILITY RISER
 - ▣ MAILBOX
 - BOLLARD
 - ∅ CLEANOUT
 - ⊙ GAS MARKER
 - ⊙ ELECTRIC SERVICE BOX
 - ⊙ COMMUNICATION SERVICE BOX
- R/W RIGHT-OF WAY
 - PB PLAT BOOK
 - PG PAGE
 - 646000059 PARCEL IDENTIFICATION (TYP)
 -  PALM
 -  OAK
 -  TREE
 -  PINE

R E V I S I O N S				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		<i>SURVEY LEGEND</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		32
					MOCCASIN WALLOW RD	6092560		

GENERAL NOTES

1. STATION AND OFFSET INFORMATION FOR ALL CONSTRUCTION COMPONENTS ARE BASED ON THE ϕ OF CONSTRUCTION.
2. FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION, AND NOTIFY THE ENGINEER PROMPTLY OF ANY DISCREPANCIES.
3. THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
4. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. BE RESPONSIBLE FOR DETERMINING THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION, AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING THE WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT SUCH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
5. BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING FOR ALL UTILITY AGENCIES.

NOTE: THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE.

6. 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. ARRANGE PROJECT SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES. THE FOLLOWING UTILITIES MAY HAVE LINES AND FACILITIES WITHIN THE PROJECT AREA.

- | | |
|---------------------------------------------|---------------------------------------|
| A. BRIGHTHOUSE / CHARTER COMMUNICATIONS | 727.329.2846 (JAMES CRUZAN) |
| B. FLORIDA POWER & LIGHT-DISTRIBUTION | 941.723.4430 (GREG COKER) |
| C. FLORIDA POWER & LIGHT-TRANSMISSION | 561.904.3617 (RALPH DIAZ) |
| D. FRONTIER COMMUNICATIONS | 941.906.6722 (DENISE HUTTON) |
| E. MANATEE COUNTY UTILITY OPERATIONS | 941.708.7450 EXT 7332 (MICHAEL STURM) |
| F. TECO PEOPLE GAS SARASOTA | 941.342.4025 (ANTHONY BAUBLITZ,SR.) |
| G. MCI / VERIZON | 813.928.9881 (JAMES BARRA) |
| H. MANATEE COUNTY TRANSPORTATION DEPARTMENT | 941.792.8811 EXT 5002 (KATHY MCMAHON) |

7. ABOVE GROUND AND/OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - CALL SUNSHINE STATE ONE CALL (1-800-432-4770) AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT. COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF FAILURE TO CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS.
8. ALL EXISTING WATER MAINS, SANITARY SEWER, AND OTHER UTILITIES SHALL REMAIN IN SERVICE UNTIL THE RELOCATED UTILITIES ARE PLACED IN SERVICE.
9. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN ANY SIDEWALK OR PAVED AREA SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE SIDEWALK OR PAVEMENT SURFACE. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN UNPAVED AREAS SUBJECT TO VEHICULAR, BICYCLE, OR PEDESTRIAN TRAFFIC SHALL BE ADJUSTED SO THAT THE TOP SURFACE OR COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE. WHERE SODDING IS APPLIED, "FINISHED GRADE" SHALL BE THE NOMINAL HEIGHT OF GRASS AFTER THE SOD IS FIRMLY PLACED. ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.

10. 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.
11. 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.
12. ALL EXISTING STORM PIPES AND STRUCTURES WITHIN THE RIGHT-OF-WAY ARE TO BE REMOVED UNLESS OTHERWISE NOTED IN THE PLAN VIEW.
13. ALL PROPOSED STORM DRAIN PIPES WILL BE REINFORCED CONCRETE (RCP) CLASS II UNLESS OTHERWISE SPECIFIED.
14. BE RESPONSIBLE FOR ALL EROSION CONTROL AND SEDIMENT CONTROL, IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, THROUGHOUT THE DURATION OF THE PROJECT AND ALL ASPECTS OF CONSTRUCTION. BE RESPONSIBLE FOR ALL SITE RESTORATION EFFORTS THAT MAY BE REQUIRED AS A RESULT OF CONSTRUCTION. USE WHATEVER METHODS, CONFORMING TO APPLICABLE STANDARDS, NECESSARY TO PREVENT EROSION AND SILTATION AS MAY BE REQUIRED FOR THE PROJECT.
15. ALL EROSION CONTROL FENCES, BARRIERS, AND SILTATION DEVICES SHALL BE ERECTED PRIOR TO ANY LAND ALTERATIONS, SHALL BE MAINTAINED IN GOOD WORKING ORDER DURING CONSTRUCTION, AND REMOVED FOLLOWING SOIL STABILIZATION AND FINAL DRESSING. BUILT-UP SEDIMENT WILL BE REMOVED FROM SILT FENCES AND STAKED TURBIDITY BARRIERS WHEN IT HAS REACHED ONE THIRD THE HEIGHT OF THE FENCE/BARRIER. STOCKPILE AREAS SHALL INCLUDE SILT FENCE AROUND THE PERIMETER.
16. BANK SHALL BE PROTECTED FROM EROSION OR COLLAPSE DURING CONSTRUCTION. BANK PROTECTION MATERIAL SHALL BE CAREFULLY PLACED FROM THE BANK AND NOT DUMPED FROM ABOVE IN AN UNCONTROLLED MANNER. EROSION CONTROL FABRIC SHALL BE USED FOR EROSION PROTECTION WHERE SOD WILL NOT HOLD OR BECOME ESTABLISHED IN TIME TO PROTECT THE BANKS. UNLESS OTHERWISE SPECIFIED IN THE PLANS, UPON COMPLETION OF CONSTRUCTION, ALL BANKS AND WATERWAYS SHALL BE RESTORED TO THEIR PR-CONSTRUCTION CONFIGURATION AND PROTECTED FROM EROSION.
17. DO NOT RESTRICT OR BLOCK THE EXISTING DRAINAGE FLOW OVERLAND OR WITHIN THE RESHAPED SWALES. FLOW WITHIN EXISTING DRAINAGE PIPES SHALL BE MAINTAINED AT ALL TIMES. STORMWATER WILL BE CONVEYED VIA EXISTING SWALES, DITCHES, PROPOSED DITCHES, AND EXISTING AND PROPOSED STORM SEWERS.
18. DISPOSE OF ALL MATERIALS NOT CLAIMED BY THE COUNTY IN AREAS OUTSIDE OF RIGHT-OF-WAY. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM CLEARING AND GRUBBING.
19. ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED AS DIRECTED BY THE ENGINEER. SEEDING AND MULCHING SHALL BE APPLIED ONLY WHERE SPECIFICALLY CALLED FOR IN THE PLANS AND SPECIFICATIONS, OR WHERE SPECIFICALLY DIRECTED BY THE ENGINEER.
20. PERFORMANCE TURF-SOD STABILIZATION SHALL OCCUR WITHIN 72 HOURS OF ACHIEVING FINAL GRADE. ALL SLOPES STEEPER THAN 3:1 SHALL INCLUDE SOD STAPLING OR STAKING, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF, SOD (SY).
21. EXISTING ROADWAY MATERIALS SUCH AS SHELL, MARL, OR LIMEROCK SUITABLE FOR SUCH MAY BE UTILIZED IN THE PREPARATION OF STABILIZED SUBGRADE.
22. DO NOT DISTURB 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.
23. ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTOR SHALL BE REPLACED, AT THE DIRECTION OF THE ENGINEER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
---	---				MOCCASIN WALLOW RD	6092560	33

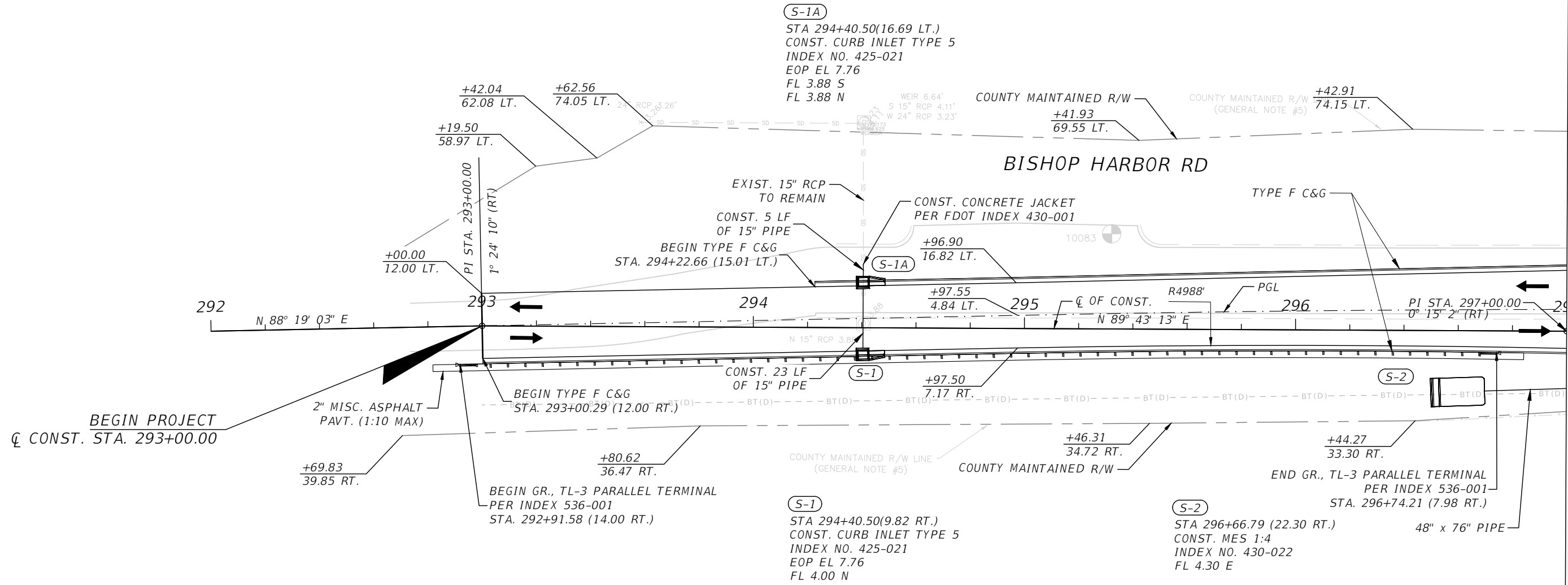
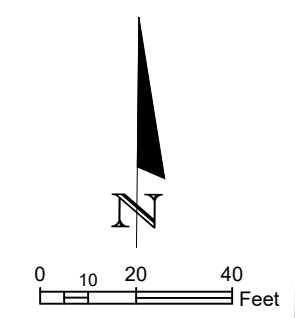
GENERAL NOTES (1)

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GENERAL NOTES-CONTINUED

- 23. TEMPORARY PAVEMENT MARKINGS ON NEW ASPHALT SHALL BE PAINT, AND NOT THERMOPLASTIC.
- 24. NO ROAD CLOSURE SHALL BE ALLOWED UNLESS APPROVED BY COUNTY REPRESENTATIVES. ACCESS FOR LOCAL TRAFFIC WITH DESTINATIONS WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED. IF IT BECOMES NECESSARY DURING CONSTRUCTION TO TEMPORARILY PROHIBIT ACCESS TO LOCAL TRAFFIC, THE CONTRACTOR SHALL, ON EACH SEPARATE OCCASION, NOTIFY ALL AFFECTED PROPERTY OWNERS AND AREA EMERGENCY SERVICES AT LEAST THREE DAYS (72 HOURS) IN ADVANCE.
- 25. BE RESPONSIBLE FOR THE COMPLETE STAKE-OUT OF THE PROJECT, I.E., LINE, GRADE, SLOPE, UTILITY RELOCATIONS OR ANY OTHER STAKE-OUT THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.
- 26. STAKE ALL ROW CORNERS AND INTERMITTENT ROW STAKES TO CLEARLY DEFINE THE ROW LOCATION FOR ALL CONTRACTORS, UTILITIES, AND COUNTY REPRESENTATIVES. THE ROW SHALL BE STAKED WITHIN 20 DAYS FROM NTP AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. PAYMENT FOR STAKING OF ROW WILL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
- 27. NATIONAL GEODETIC SURVEY, COUNTY CONTROL, ALL SECTION MONUMENTS, RIGHT-OF-WAY MONUMENTS, AND PROJECT SURVEY CONTROL ARE TO BE PRESERVED. IF IN DANGER, THE CONTRACTOR SHALL NOTIFY THE COUNTY SURVEYOR 941-748-4501 Ext 3024 OR AT BRIAN.BELLINO@MYMANATEE.ORG.
- 28. DRIVEWAY LOCATION AND WIDTH MAY BE FIELD ADJUSTED DURING CONSTRUCTION BY THE COUNTY PROJECT MANAGER IN COORDINATION WITH REQUESTS FROM PROPERTY OWNERS.
- 29. ALL CONSTRUCTION WITHIN FDOT RIGHT-OF-WAY IS TO BE IN ACCORDANCE WITH CURRENT FDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION AND THE DESIGN STANDARDS.
- 30. ANY WATER WELLS FOUND WITHIN THE LIMITS OF PROPOSED RIGHT-OF-WAY SHALL BE ABANDONED BY A FLORIDA LICENSED WATER WELL CONTRACTOR IN ACCORDANCE WITH RULE 40D-3.531(2), F.A.C. ALSO REFER TO 40D-40.301(1)(F,H), F.A.C. THE COST OF ABANDONING ANY WELLS SHALL BE INCLUDED IN THE COST OF CLEARING AND GRUBBING.
- 31. DURING DEWATERING OPERATIONS, DO 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.
- 32. AT LEAST 21 DAYS PRIOR TO THE COMMENCEMENT OF ANY DEWATERING ACTIVITY, SUBMIT A DEWATERING PLAN TO THE ENGINEER AND TO THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT. THE DEWATERING PLAN SHALL INCLUDE DESCRIPTIONS AND GRAPHICS AS NEED TO IDENTIFY THE LOCATION OF THE DEWATERING SITES AND THE SEDIMENT SUMP, EXPECTED DURATION OF THE DEWATERING PERIOD, METHODS TO RETAIN OR DETAIN DISCHARGE, METHODS OF ISOLATING THE DEWATERING AREAS, FLOW PATH AND POINTS OF DISCHARGE OF THE WATER. THIS PLAN SHALL INCLUDE DESIGN COMPUTATIONS, LAYOUT, TYPE AND SPACING OF DEWATERING DEVICES, NUMBER AND SIZE OF PUMPS AND OTHER EQUIPMENT, WITH A DESCRIPTION OF THE INSTALLATION AND OPERATING PROCEDURES, WELLPPOINT PUMP DISCHARGE SHALL BE CONTROLLED TO PREVENT EROSION, UNDERMINING, AND ALL OTHER DAMAGE, AND BE PIPED TO APPROVED LOCATIONS.
- 33. COMPLY WITH ANY AND ALL APPLICABLE REGULATIONS AND PERMITTING REQUIREMENTS CONCERNING GROUNDWATER PUMPAGE AND DISCHARGE. DEPENDING ON THE DURATION OF THE DEWATERING NEEDED, A WATER USE PERMIT MAY BE REQUIRED FOR DEWATERING, REFER TO 40D-4.301(1) (E), F.A.C.
- 34. CONSTRUCTION OF "WEDGE" SHAPED PAVEMENT SECTIONS SHALL BE AVOIDED. PAVEMENT SECTIONS SHALL HAVE A MINIMUM OF 2-FEET IN WIDTH TO ALLOW COMPACTION OF THE FULL BASE AND ASPHALT PAVEMENT AREAS.
- 35. RECORD DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR. RECORD DRAWINGS SHALL MEET MANATEE COUNTY STANDARDS. PAYMENT FOR RECORD DRAWINGS WILL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
- 36. ALL CONCRETE WITHIN COUNTY RIGHT-OF-WAY SHALL HAVE A MINIMUM 3000 PSI STRENGTH.
- 37. ALL SURVEY CONTROL AND MONUMENTS MUST BE CONFIRMED AS STILL IN PLACE IN GOOD CONDITION OR MUST BE RESET IN SIMILAR QUALITY/CONDITION.
- 38. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, WATER AND SEWER LINES, STORM DRAINS, UTILITIES, DRIVEWAYS, SIDEWALKS, SIGNS, MAILBOXES, FENCES, TREES, LANDSCAPING, AND ANY OTHER IMPROVEMENT OR FACILITY IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED ITEMS DUE TO HIS CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
- 39. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.

R E V I S I O N S				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		<i>GENERAL NOTES (2)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		34
----	----			MOCCASIN WALLOW RD	6092560			



SURVEY GENERAL NOTE #5:
 THE COUNTY MAINTAINED R/W LINE (BISHOP HARBOR ROAD)
 INDICATED HEREIN WAS FIELD SPOTTED ON JULY 9, 2019 BY
 JOHN MUSCATO, SUPERINTENDENT, FIELD MAINTENANCE
 DIVISION, MANATEE COUNTY GOVERNMENT.

MATCHLINE STA. - 297+00.00

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

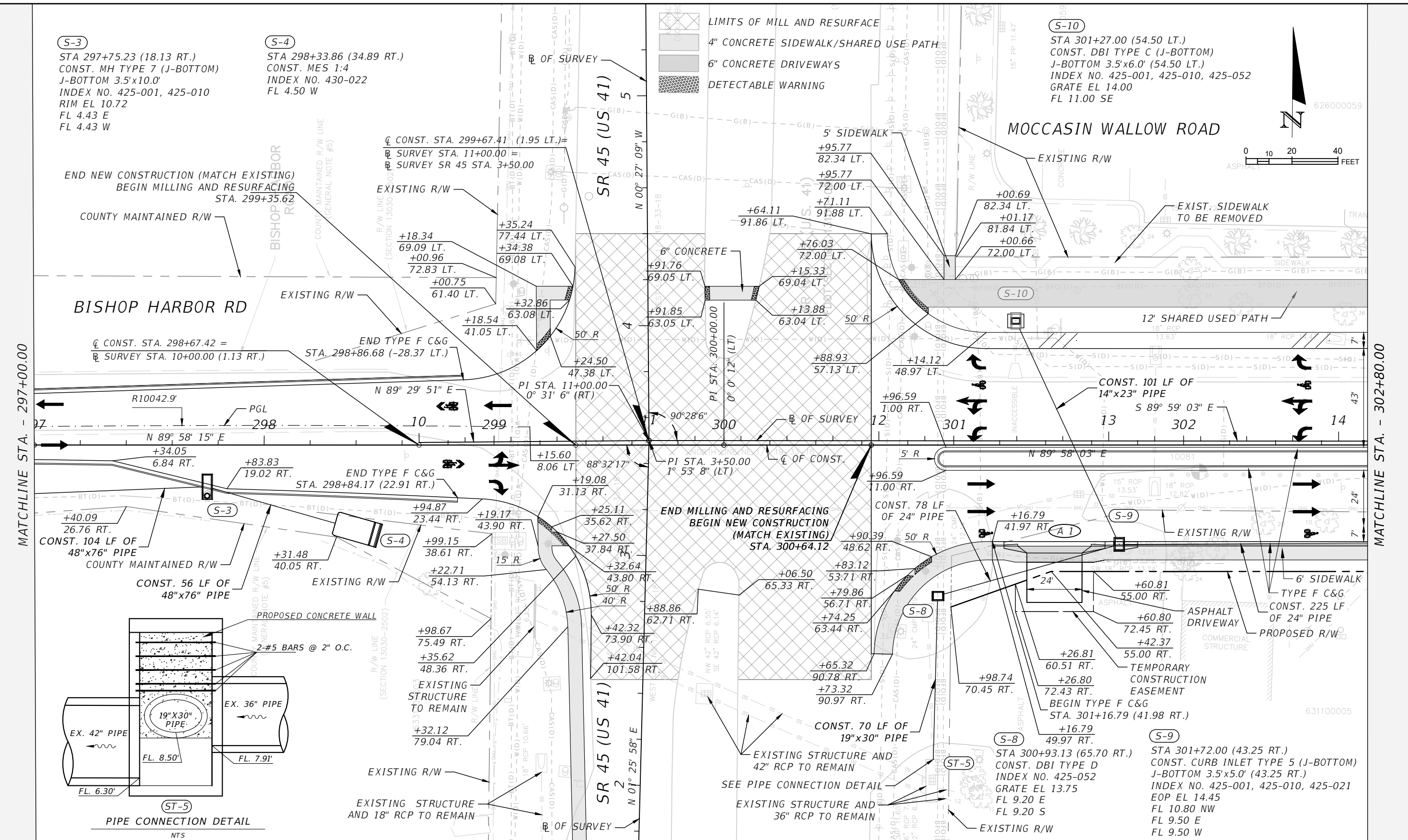
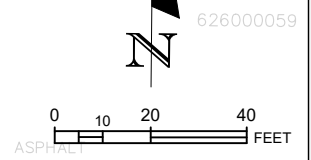
REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. 35
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
					MOCCASIN WALLOW RD	6092560	

PLAN (1)

(S-3)
 STA 297+75.23 (18.13 RT.)
 CONST. MH TYPE 7 (J-BOTTOM)
 J-BOTTOM 3.5'x10.0'
 INDEX NO. 425-001, 425-010
 RIM EL 10.72
 FL 4.43 E
 FL 4.43 W

(S-4)
 STA 298+33.86 (34.89 RT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 4.50 W

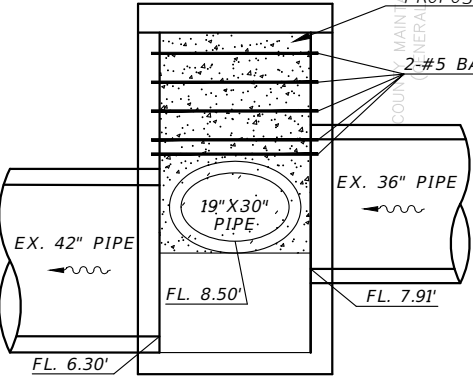
(S-10)
 STA 301+27.00 (54.50 LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.50 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 14.00
 FL 11.00 SE



BISHOP HARBOR RD

MOCCASIN WALLOW ROAD

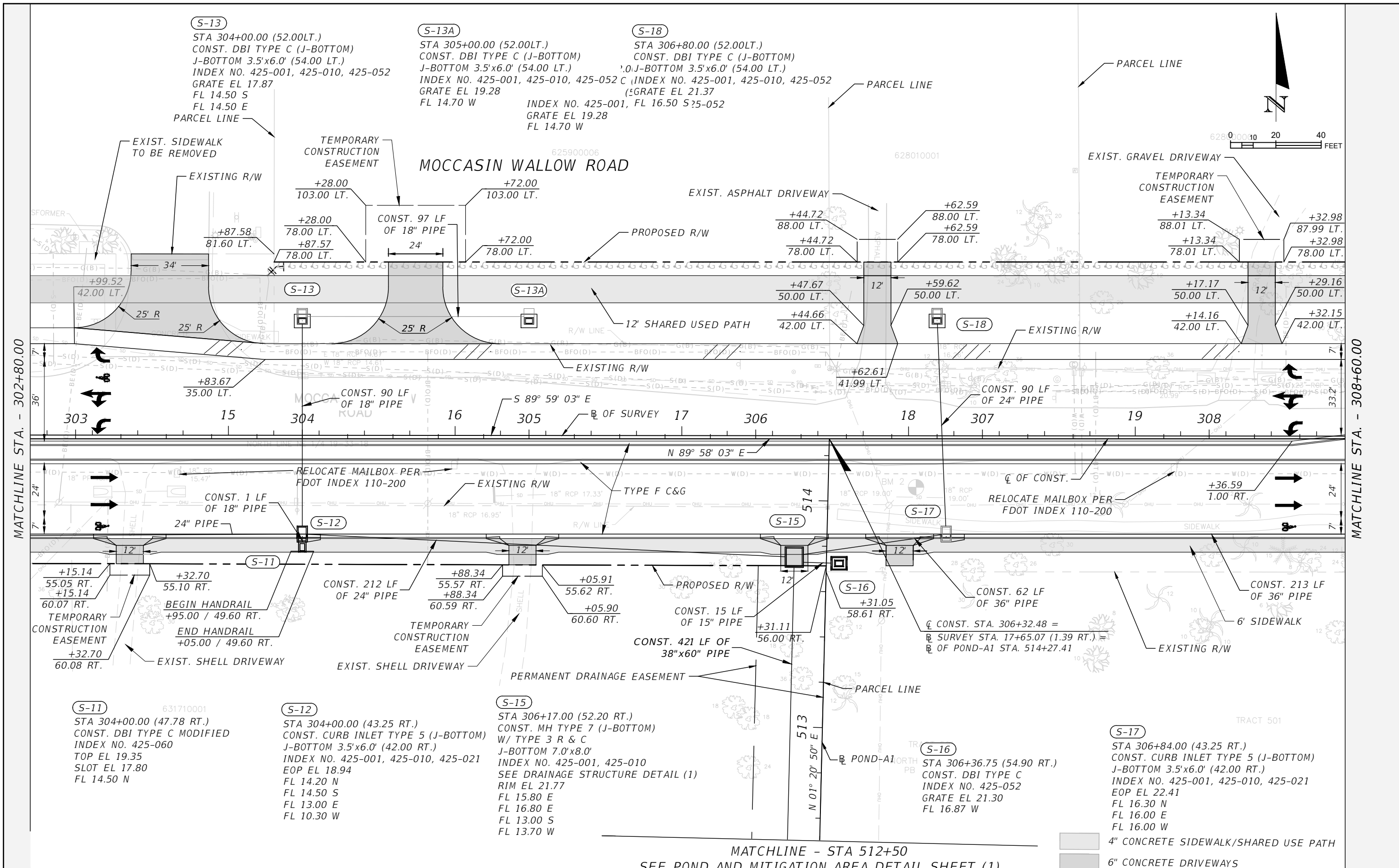
SR 45 (US 41)



MATCHLINE - STA 1+75.00 - SEE PLAN (21)

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PLAN (2) SHEET NO. 36
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
					MOCCASIN WALLOW RD	6092560	

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



MATCHLINE STA. - 302+80.00

MATCHLINE STA. - 308+60.00

MATCHLINE - STA 512+50
SEE POND AND MITIGATION AREA DETAIL SHEET (1)

4" CONCRETE SIDEWALK/SHARED USE PATH
6" CONCRETE DRIVEWAYS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

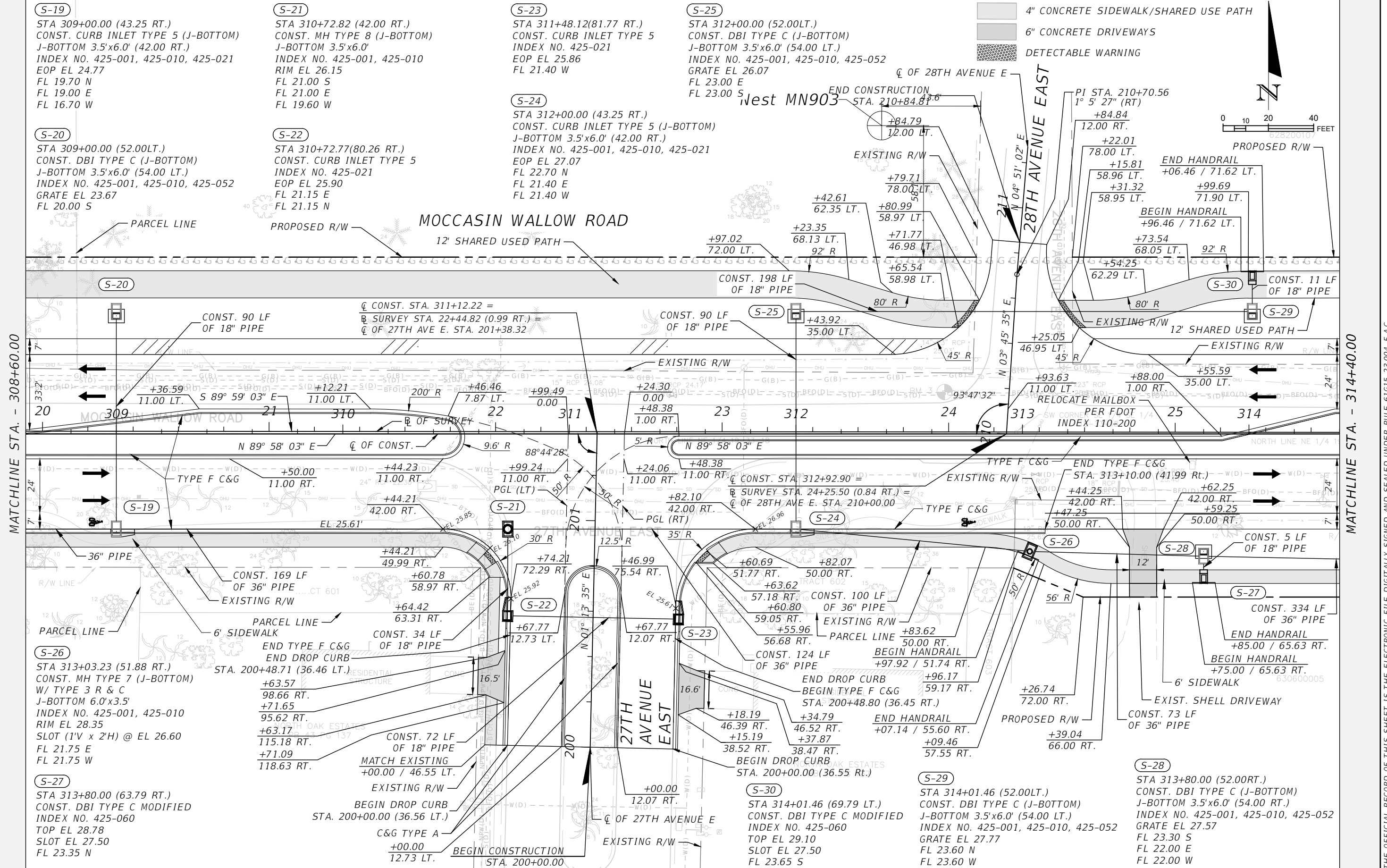
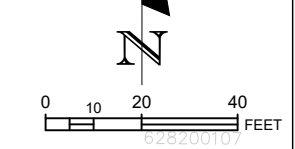
MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (3)

SHEET NO.
37

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

4" CONCRETE SIDEWALK/SHARED USE PATH
 6" CONCRETE DRIVEWAYS
 DETECTABLE WARNING



MATCHLINE STA. - 308+60.00

MATCHLINE STA. - 314+40.00

REVISIONS	
DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (4)	
SHEET NO. 38	

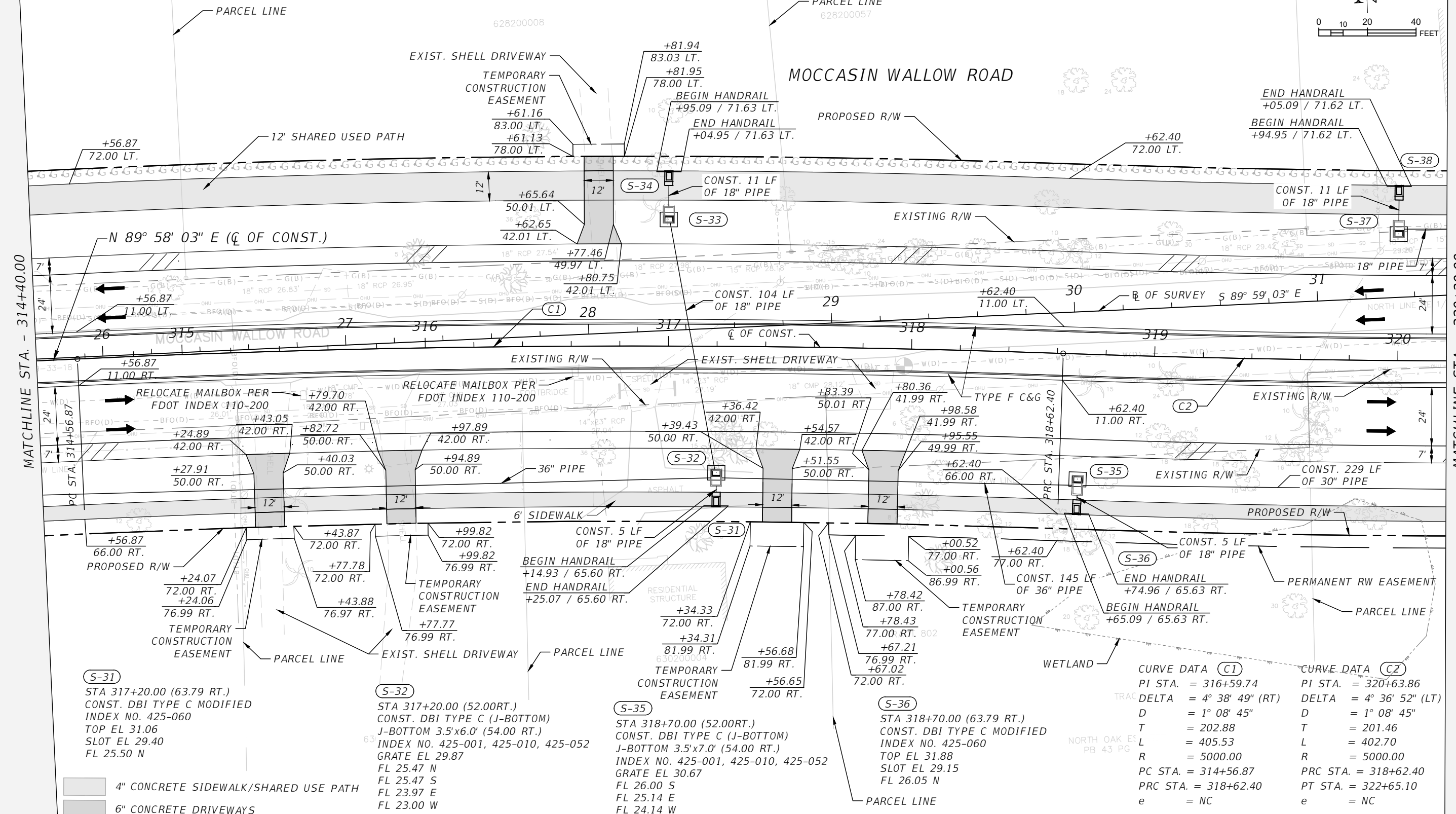
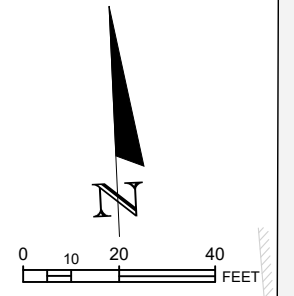
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

(S-33)
 STA 317+00.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 29.77
 FL 25.80 N
 FL 25.80 S

(S-34)
 STA 317+00.00 (69.79 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 31.10
 SLOT EL 29.60
 FL 25.85 S

(S-37)
 STA 320+00.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 31.35
 FL 27.05 N
 FL 27.05 E

(S-38)
 STA 320+00.00 (69.79 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 32.66
 SLOT EL 31.19
 FL 27.10 S



(S-31)
 STA 317+20.00 (63.79 RT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 31.06
 SLOT EL 29.40
 FL 25.50 N

(S-32)
 STA 317+20.00 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 29.87
 FL 25.47 N
 FL 25.47 S
 FL 23.97 E
 FL 23.00 W

(S-35)
 STA 318+70.00 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x7.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 30.67
 FL 26.00 S
 FL 25.14 E
 FL 24.14 W

(S-36)
 STA 318+70.00 (63.79 RT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 31.88
 SLOT EL 29.15
 FL 26.05 N

CURVE DATA (C1)		CURVE DATA (C2)	
PI STA.	= 316+59.74	PI STA.	= 320+63.86
TRAC DELTA	= 4° 38' 49" (RT)	TRAC DELTA	= 4° 36' 52" (LT)
D	= 1° 08' 45"	D	= 1° 08' 45"
T	= 202.88	T	= 201.46
L	= 405.53	L	= 402.70
R	= 5000.00	R	= 5000.00
PC STA.	= 314+56.87	PRC STA.	= 318+62.40
PRC STA.	= 318+62.40	PT STA.	= 322+65.10
e	= NC	e	= NC

4" CONCRETE SIDEWALK/SHARED USE PATH
 6" CONCRETE DRIVEWAYS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

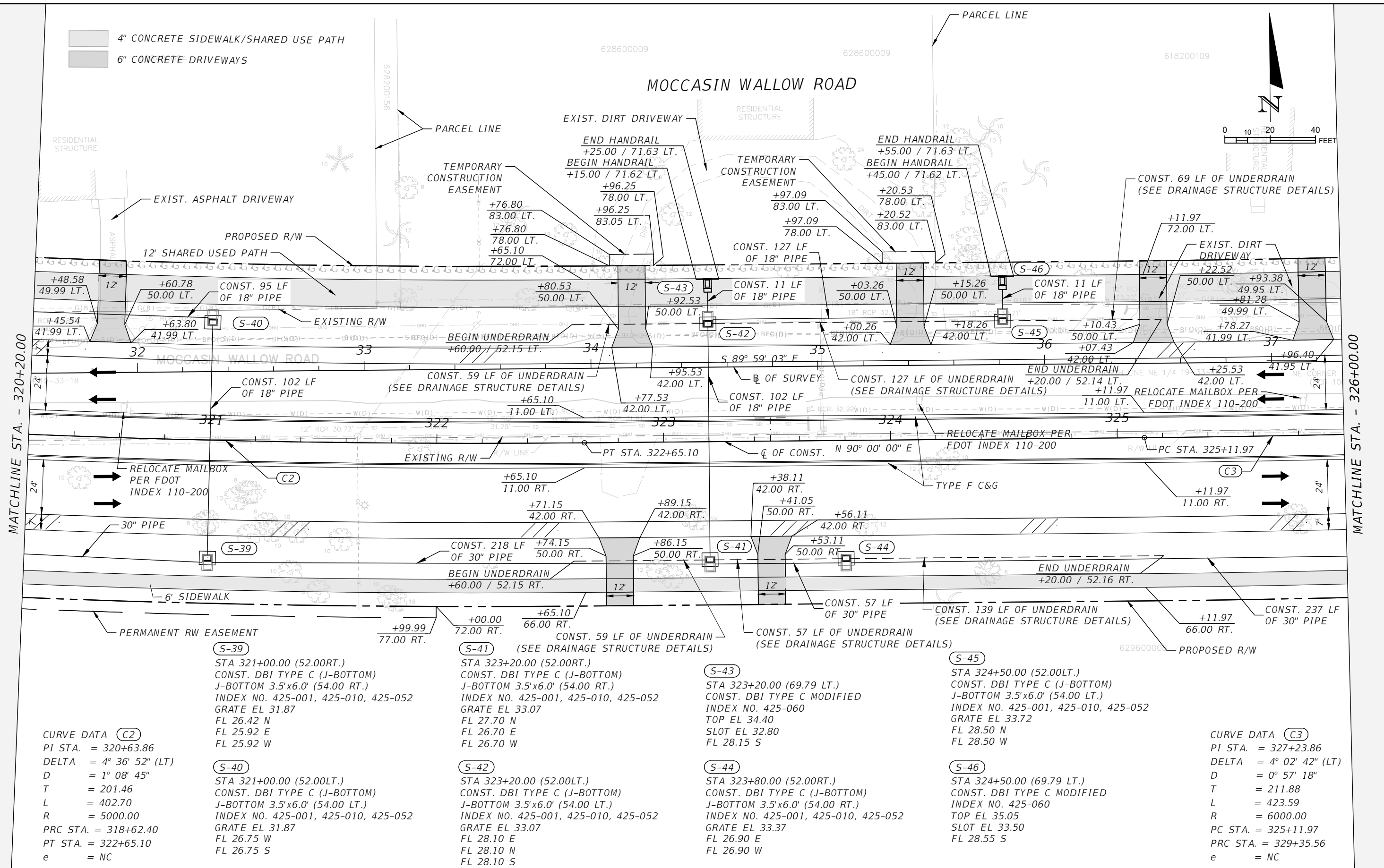
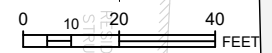
PLAN (5)

SHEET NO.
 39

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

4" CONCRETE SIDEWALK/SHARED USE PATH
 6" CONCRETE DRIVEWAYS

MOCCASIN WALLOW ROAD



MATCHLINE STA. - 320+20.00

MATCHLINE STA. - 326+00.00

CURVE DATA (C2)
 PI STA. = 320+63.86
 DELTA = 4° 36' 52" (LT)
 D = 1° 08' 45"
 T = 201.46
 L = 402.70
 R = 5000.00
 PRC STA. = 318+62.40
 PT STA. = 322+65.10
 e = NC

(S-40)
 STA 321+00.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 31.87
 FL 26.42 N
 FL 25.92 E
 FL 25.92 W

(S-41)
 STA 323+20.00 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 33.07
 FL 27.70 N
 FL 26.70 E
 FL 26.70 W

(S-42)
 STA 323+20.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 33.07
 FL 28.10 E
 FL 28.10 N
 FL 28.10 S

(S-43)
 STA 323+20.00 (69.79 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 34.40
 SLOT EL 32.80
 FL 28.15 S

CURVE DATA (C3)
 PI STA. = 327+23.86
 DELTA = 4° 02' 42" (LT)
 D = 0° 57' 18"
 T = 211.88
 L = 423.59
 R = 6000.00
 PC STA. = 325+11.97
 PRC STA. = 329+35.56
 e = NC

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

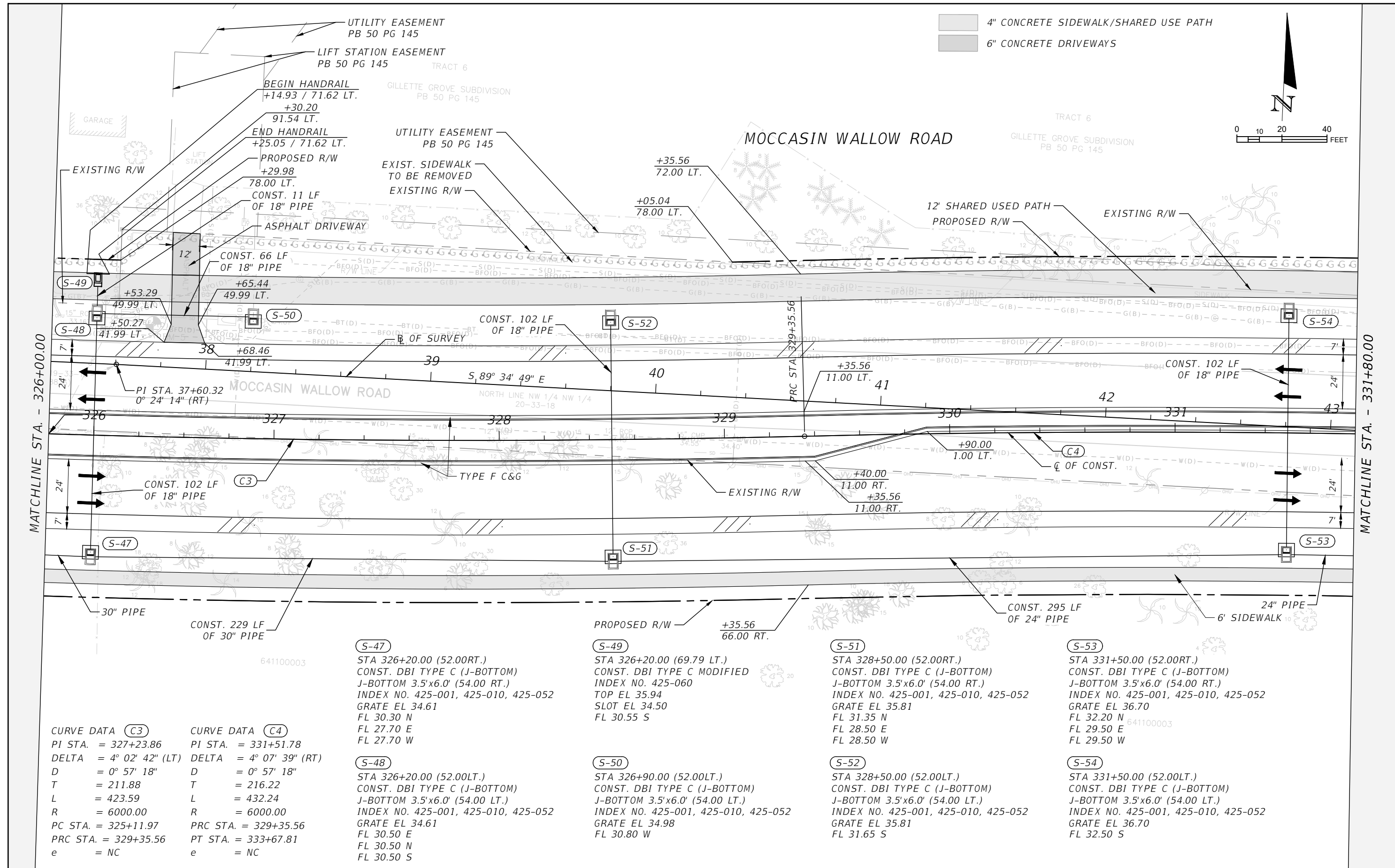
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

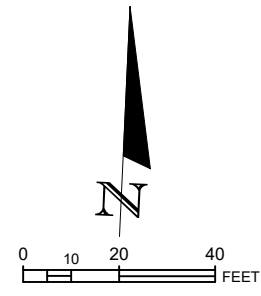
PLAN (6)

SHEET NO.
40

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



4" CONCRETE SIDEWALK/SHARED USE PATH
 6" CONCRETE DRIVEWAYS



MATCHLINE STA. - 326+00.00

MATCHLINE STA. - 331+80.00

CURVE DATA (C3)
 PI STA. = 327+23.86
 DELTA = 4° 02' 42" (LT)
 D = 0° 57' 18"
 T = 211.88
 L = 423.59
 R = 6000.00
 PC STA. = 325+11.97
 PRC STA. = 329+35.56
 e = NC

CURVE DATA (C4)
 PI STA. = 331+51.78
 DELTA = 4° 07' 39" (RT)
 D = 0° 57' 18"
 T = 216.22
 L = 432.24
 R = 6000.00
 PC STA. = 329+35.56
 PT STA. = 333+67.81
 e = NC

(S-47)
 STA 326+20.00 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 34.61
 FL 30.30 N
 FL 27.70 E
 FL 27.70 W

(S-48)
 STA 326+20.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 34.61
 FL 30.50 E
 FL 30.50 N
 FL 30.50 S

(S-49)
 STA 326+20.00 (69.79 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 35.94
 SLOT EL 34.50
 FL 30.55 S

(S-50)
 STA 326+90.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 34.98
 FL 30.80 W

(S-51)
 STA 328+50.00 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 35.81
 FL 31.35 N
 FL 28.50 E
 FL 28.50 W

(S-52)
 STA 328+50.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 35.81
 FL 31.65 S

(S-53)
 STA 331+50.00 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 36.70
 FL 32.20 N
 FL 29.50 E
 FL 29.50 W

(S-54)
 STA 331+50.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 36.70
 FL 32.50 S

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

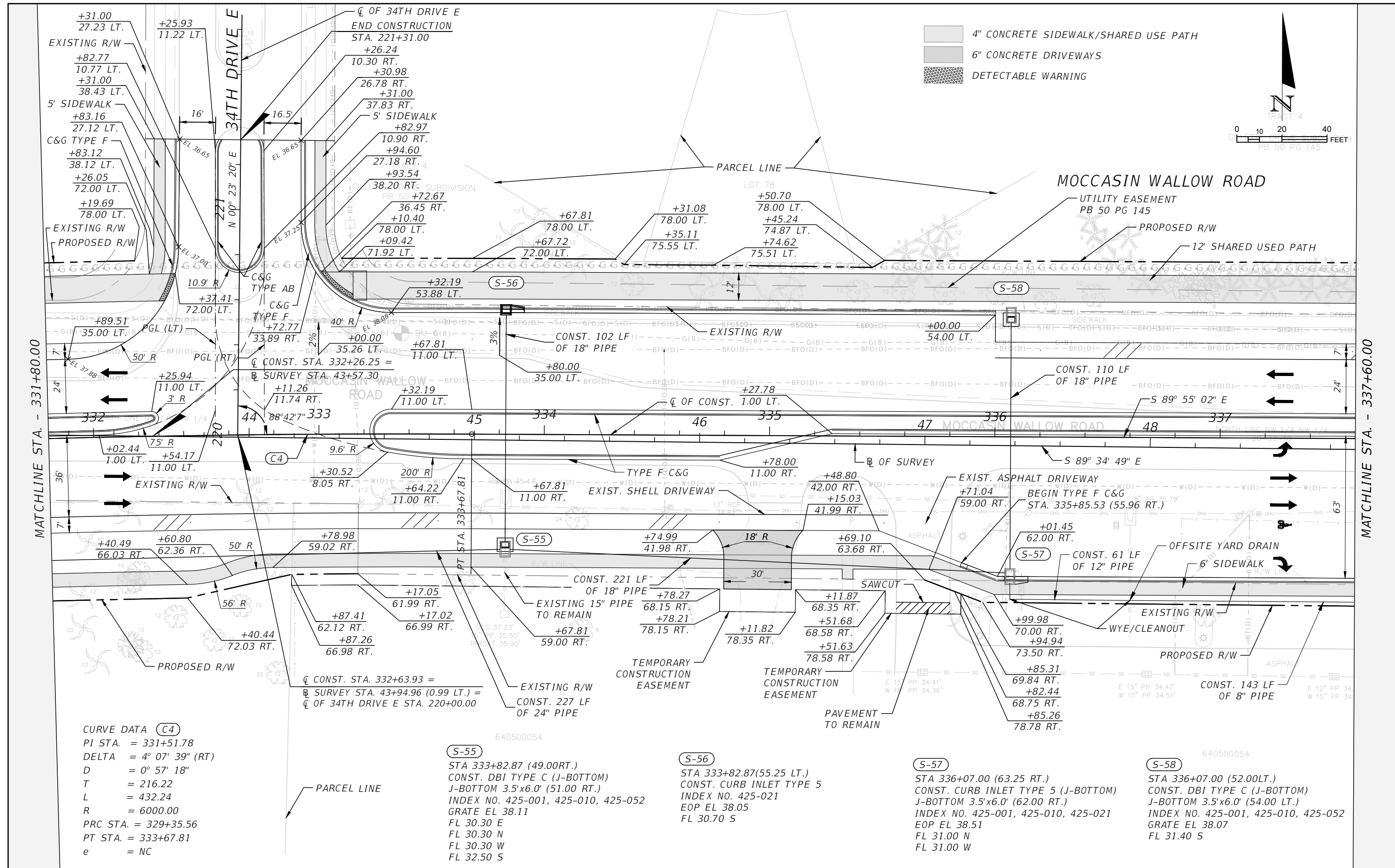
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

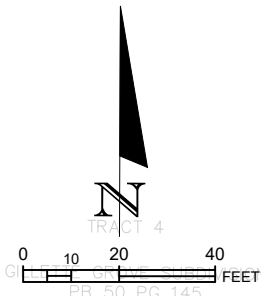
PLAN (7)

SHEET NO.
41

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



4" CONCRETE SIDEWALK/SHARED USE PATH
 6" CONCRETE DRIVEWAYS
 DETECTABLE WARNING



MATCHLINE STA. - 331+80.00

MATCHLINE STA. - 337+60.00

CURVE DATA (C4)
 PI STA. = 331+51.78
 DELTA = 4° 07' 39" (RT)
 D = 0° 57' 18"
 T = 216.22
 L = 432.24
 R = 6000.00
 PRC STA. = 329+35.56
 PT STA. = 333+67.81
 e = NC

(S-55)
 STA 333+82.87 (49.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (51.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 38.11
 FL 30.30 E
 FL 30.30 N
 FL 30.30 W
 FL 32.50 S

(S-56)
 STA 333+82.87(55.25 LT.)
 CONST. CURB INLET TYPE 5
 INDEX NO. 425-021
 EOP EL 38.05
 FL 30.70 S

(S-57)
 STA 336+07.00 (63.25 RT.)
 CONST. CURB INLET TYPE 5 (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (62.00 RT.)
 INDEX NO. 425-001, 425-010, 425-021
 EOP EL 38.51
 FL 31.00 N
 FL 31.00 W

(S-58)
 STA 336+07.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 38.07
 FL 31.40 S

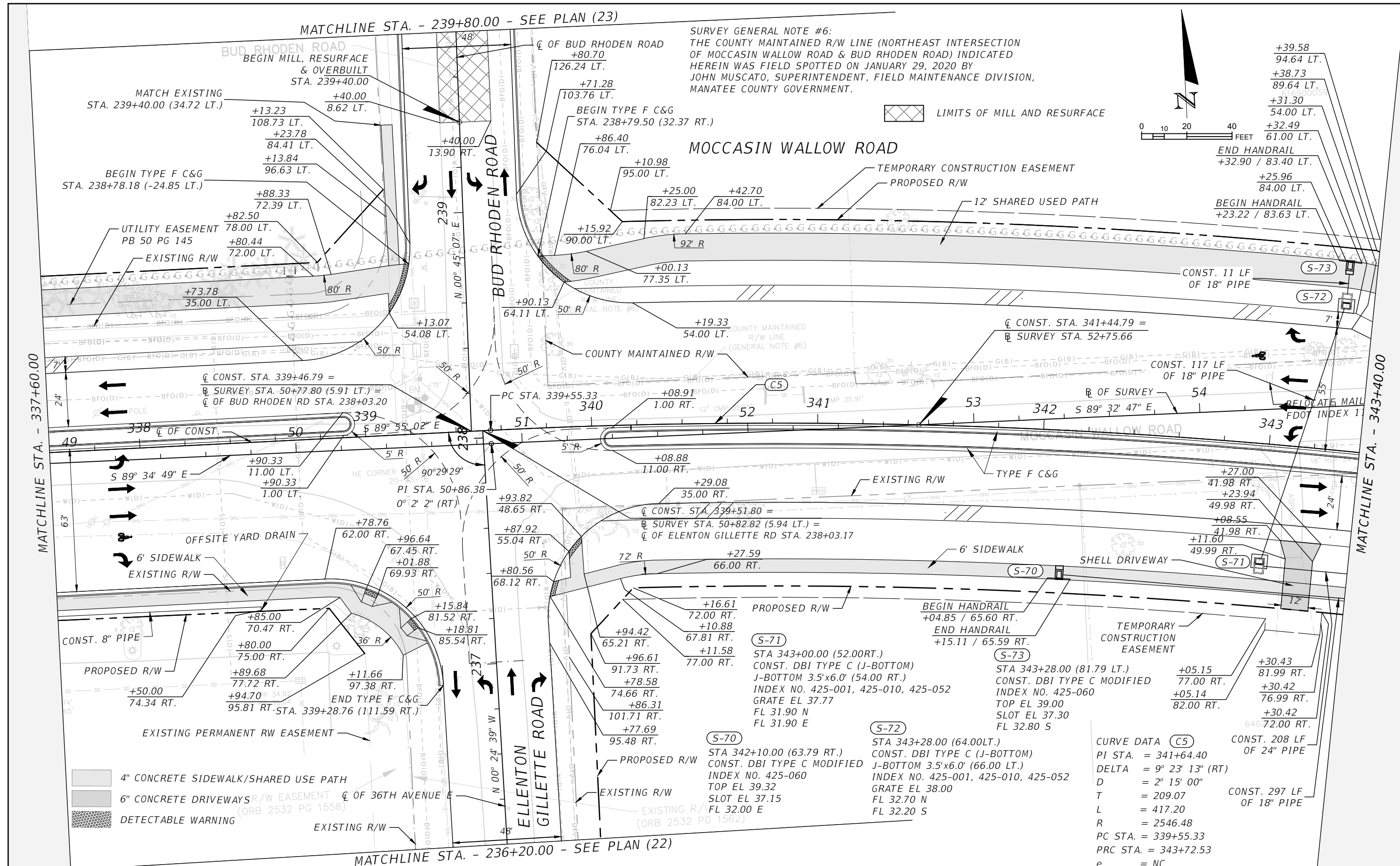
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

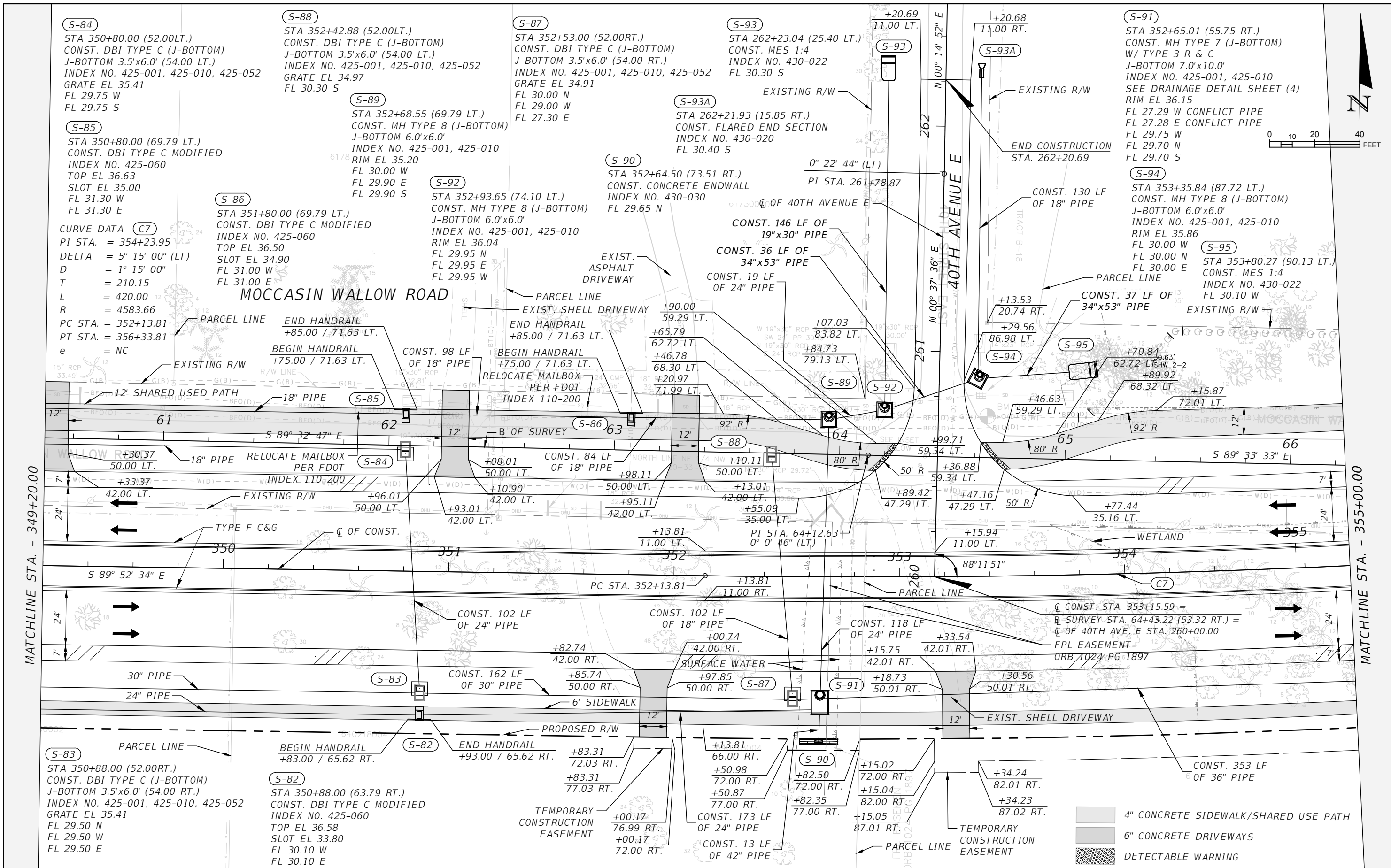
MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (8)	SHEET NO. 42
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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.



HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915				MANATEE COUNTY ROAD NO. MOCCASIN WALLOW RD PROJECT ID 6092560		PLAN (9) SHEET NO. 43	
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S-84
 STA 350+80.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 35.41
 FL 29.75 W
 FL 29.75 S

S-88
 STA 352+42.88 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 34.97
 FL 30.30 S

S-87
 STA 352+53.00 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 34.91
 FL 30.00 N
 FL 29.00 W
 FL 27.30 E

S-93
 STA 262+23.04 (25.40 LT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 30.30 S

S-91
 STA 352+65.01 (55.75 RT.)
 CONST. MH TYPE 7 (J-BOTTOM)
 W/ TYPE 3 R & C
 J-BOTTOM 7.0'x10.0'
 INDEX NO. 425-001, 425-010
 SEE DRAINAGE DETAIL SHEET (4)
 RIM EL 36.15
 FL 27.29 W CONFLICT PIPE
 FL 27.28 E CONFLICT PIPE
 FL 29.75 W
 FL 29.70 N
 FL 29.70 S

S-85
 STA 350+80.00 (69.79 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 36.63
 SLOT EL 35.00
 FL 31.30 W
 FL 31.30 E

S-89
 STA 352+68.55 (69.79 LT.)
 CONST. MH TYPE 8 (J-BOTTOM)
 J-BOTTOM 6.0'x6.0'
 INDEX NO. 425-001, 425-010
 RIM EL 35.20
 FL 30.00 W
 FL 29.90 E
 FL 29.90 S

S-93A
 STA 262+21.93 (15.85 RT.)
 CONST. FLARED END SECTION
 INDEX NO. 430-020
 FL 30.40 S

CURVE DATA C7
 PI STA. = 354+23.95
 DELTA = 5° 15' 00" (LT)
 D = 1° 15' 00"
 T = 210.15
 L = 420.00
 R = 4583.66
 PC STA. = 352+13.81
 PT STA. = 356+33.81
 e = NC

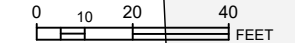
S-86
 STA 351+80.00 (69.79 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 36.50
 SLOT EL 34.90
 FL 31.00 W
 FL 31.00 E

S-92
 STA 352+93.65 (74.10 LT.)
 CONST. MH TYPE 8 (J-BOTTOM)
 J-BOTTOM 6.0'x6.0'
 INDEX NO. 425-001, 425-010
 RIM EL 36.04
 FL 29.95 N
 FL 29.95 E
 FL 29.95 W

S-90
 STA 352+64.50 (73.51 RT.)
 CONST. CONCRETE ENDWALL
 INDEX NO. 430-030
 FL 29.65 N

S-94
 STA 353+35.84 (87.72 LT.)
 CONST. MH TYPE 8 (J-BOTTOM)
 J-BOTTOM 6.0'x6.0'
 INDEX NO. 425-001, 425-010
 RIM EL 35.86
 FL 30.00 W
 FL 30.00 N
 FL 30.00 E
 FL 30.10 W

S-95
 STA 353+80.27 (90.13 LT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 30.10 W



MATCHLINE STA. - 349+20.00

MATCHLINE STA. - 355+00.00

- 4" CONCRETE SIDEWALK/SHARED USE PATH
- 6" CONCRETE DRIVEWAYS
- DETECTABLE WARNING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

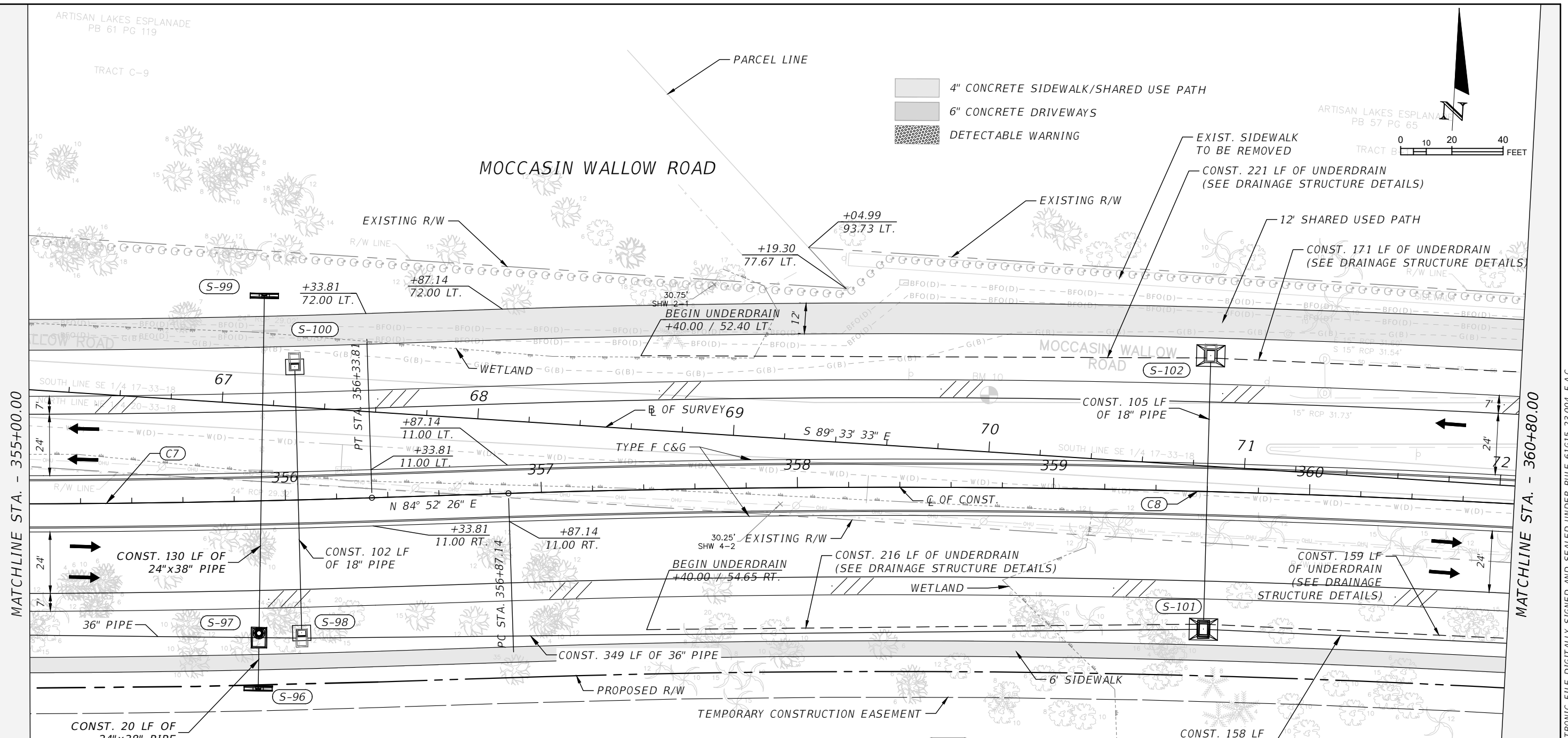
MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

PLAN (11)	SHEET NO. 45
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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.

- 4" CONCRETE SIDEWALK/SHARED USE PATH
- 6" CONCRETE DRIVEWAYS
- DETECTABLE WARNING

MOCCASIN WALLOW ROAD



MATCHLINE STA. - 355+00.00

MATCHLINE STA. - 360+80.00

CURVE DATA (C7)
 PI STA. = 354+23.95
 DELTA = 5° 15' 00" (LT)
 D = 1° 15' 00"
 T = 210.15
 L = 420.00
 R = 4583.66
 PC STA. = 352+13.81
 PT STA. = 356+33.81
 e = NC

CURVE DATA (C8)
 PI STA. = 359+37.09
 DELTA = 6° 14' 33" (RT)
 D = 1° 15' 00"
 T = 249.95
 L = 499.40
 R = 4583.66
 PC STA. = 356+87.14
 PT STA. = 361+86.55
 e = NC

(S-96)
 STA 355+87.73 (73.38 RT.)
 CONST. CONCRETE ENDWALL
 INDEX NO. 430-030
 FL 29.32 N

(S-98)
 STA 356+05.00 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 33.87
 FL 26.80 W
 FL 28.85 N
 FL 26.80 E

(S-100)
 STA 356+05.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 33.87
 FL 29.10 S

(S-101)
 STA 359+60.02 (52.90RT.)
 CONST. DBI TYPE D (J-BOTTOM)
 W\ DOUBLE TRAVERSABLE SLOT
 J-BOTTOM 3.5'x6.0' (53.85 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 30.88
 FL 27.20 N
 FL 26.30 W
 FL 26.30 E

(S-97)
 STA 355+88.48 (53.41 RT.)
 CONST. MH TYPE 8 (J-BOTTOM)
 J-BOTTOM 5.0'x7.0'
 INDEX NO. 425-001, 425-010
 SEE DRAINAGE DETAIL SHEET (4)
 RIM EL 33.88
 FL 26.83 W CONFLICT PIPE
 FL 26.82 E CONFLICT PIPE
 FL 29.28 S
 FL 29.28 N

(S-99)
 STA 355+93.66 (80.21 LT.)
 CONST. CONCRETE ENDWALL
 INDEX NO. 430-030
 FL 29.02 S

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

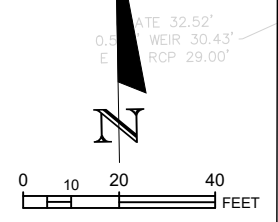
PLAN (12)

SHEET NO.
46

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

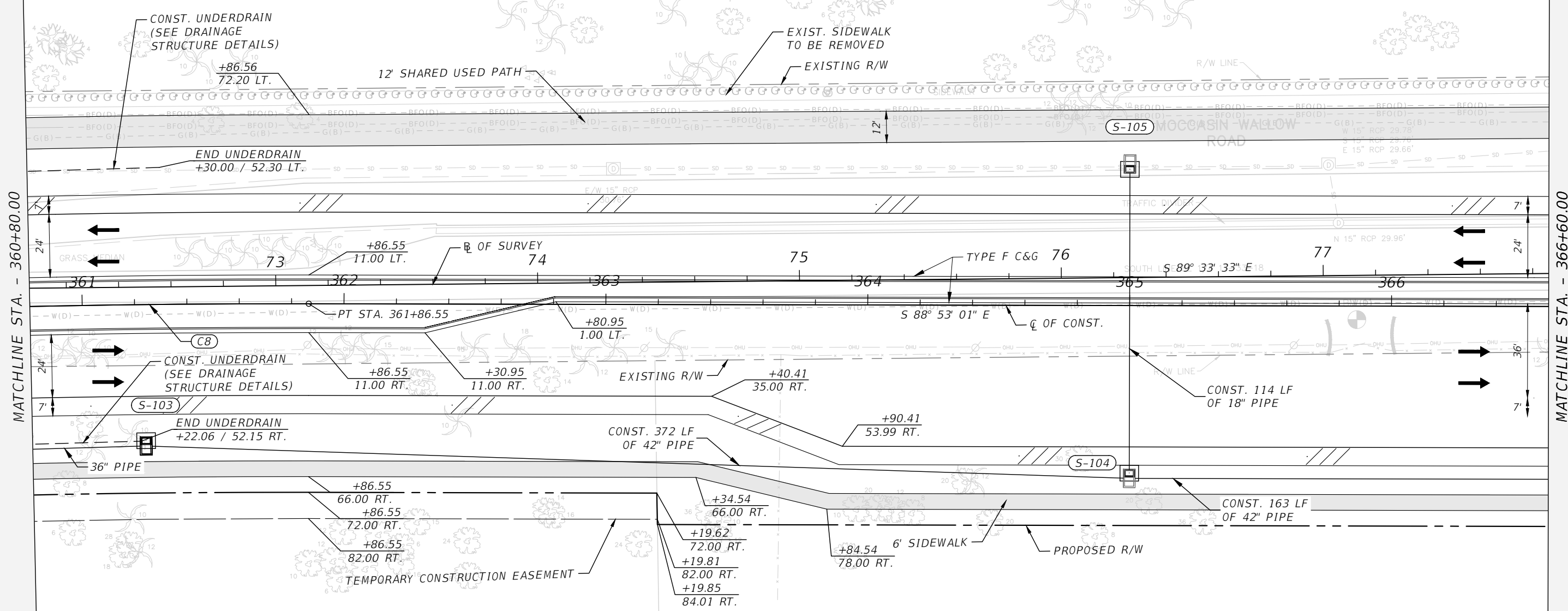
ARTISAN LA
PARKWAY

ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-1



- 4" CONCRETE SIDEWALK/SHARED USE PATH
- 6" CONCRETE DRIVEWAYS
- DETECTABLE WARNING

MOCCASIN WALLOW ROAD



MATCHLINE STA. - 360+80.00

MATCHLINE STA. - 366+60.00

CURVE DATA (C8)
 PI STA. = 359+37.09
 DELTA = 6° 14' 33" (RT)
 D = 1° 15' 00"
 T = 249.95
 L = 499.40
 R = 4583.66
 PC STA. = 356+87.14
 PT STA. = 361+86.55
 e = NC

(S-103)
 STA 361+23.83 (52.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 33.28
 FL 25.90 W
 FL 25.90 E

(S-104)
 STA 365+00.00 (64.00RT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (66.00 RT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 32.19
 FL 27.70 N
 FL 25.65 W
 FL 25.65 E

(S-105)
 STA 365+00.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 32.46
 FL 27.95 S

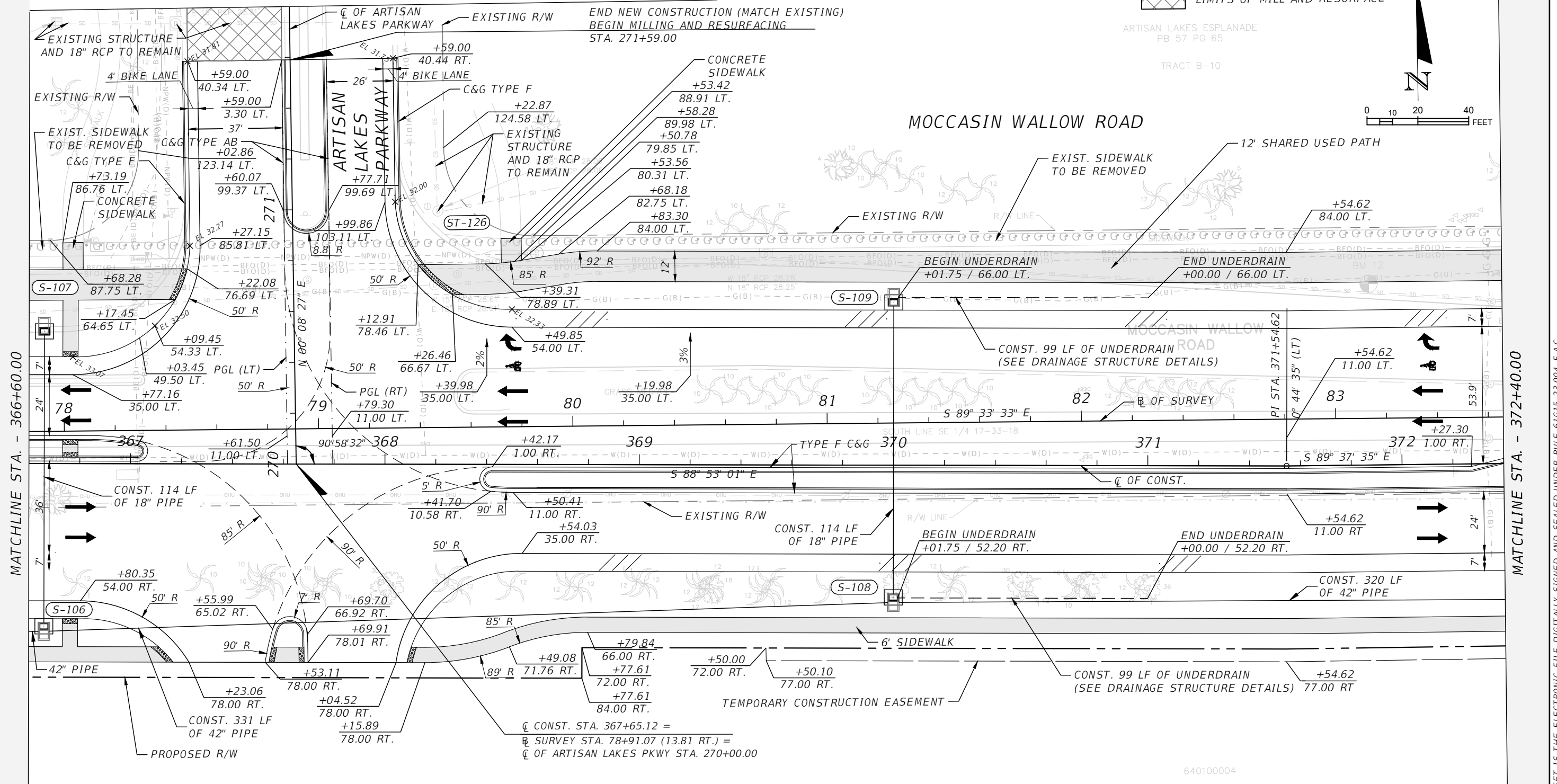
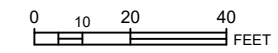
REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PLAN (13)	SHEET NO. 47
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
					MOCCASIN WALLOW RD	6092560		

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

MATCHLINE - STA 271+80.00 - SEE PLAN (24)

LIMITS OF MILL AND RESURFACE

ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10



MATCHLINE STA. - 366+60.00

MATCHLINE STA. - 372+40.00

(S-106)
STA 366+66.00 (64.00RT.)
CONST. DBI TYPE C (J-BOTTOM)
J-BOTTOM 3.5'x6.0' (66.00 RT.)
INDEX NO. 425-001, 425-010, 425-052
GRATE EL 30.42
FL 27.20 N
FL 25.30 W
FL 25.30 E

(S-107)
STA 366+66.00 (52.00LT.)
CONST. DBI TYPE C (J-BOTTOM)
J-BOTTOM 3.5'x6.0' (54.00 LT.)
INDEX NO. 425-001, 425-010, 425-052
GRATE EL 32.23
FL 27.45 S

(S-108)
STA 370+00.00 (52.00RT.)
CONST. DBI TYPE C (J-BOTTOM)
J-BOTTOM 3.5'x6.0' (54.00 RT.)
INDEX NO. 425-001, 425-010, 425-052
GRATE EL 31.17
FL 26.25 N
FL 24.20 W
FL 24.20 E

(S-109)
STA 370+00.00 (64.00LT.)
CONST. DBI TYPE C (J-BOTTOM)
J-BOTTOM 3.5'x6.0' (66.00 LT.)
INDEX NO. 425-001, 425-010, 425-052
GRATE EL 31.51
FL 26.55 S

4" CONCRETE SIDEWALK/SHARED USE PATH
6" CONCRETE DRIVEWAYS
DETECTABLE WARNING

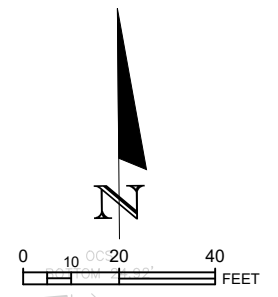
640100004

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. 48
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
					MOCCASIN WALLOW RD	6092560	PLAN (14)

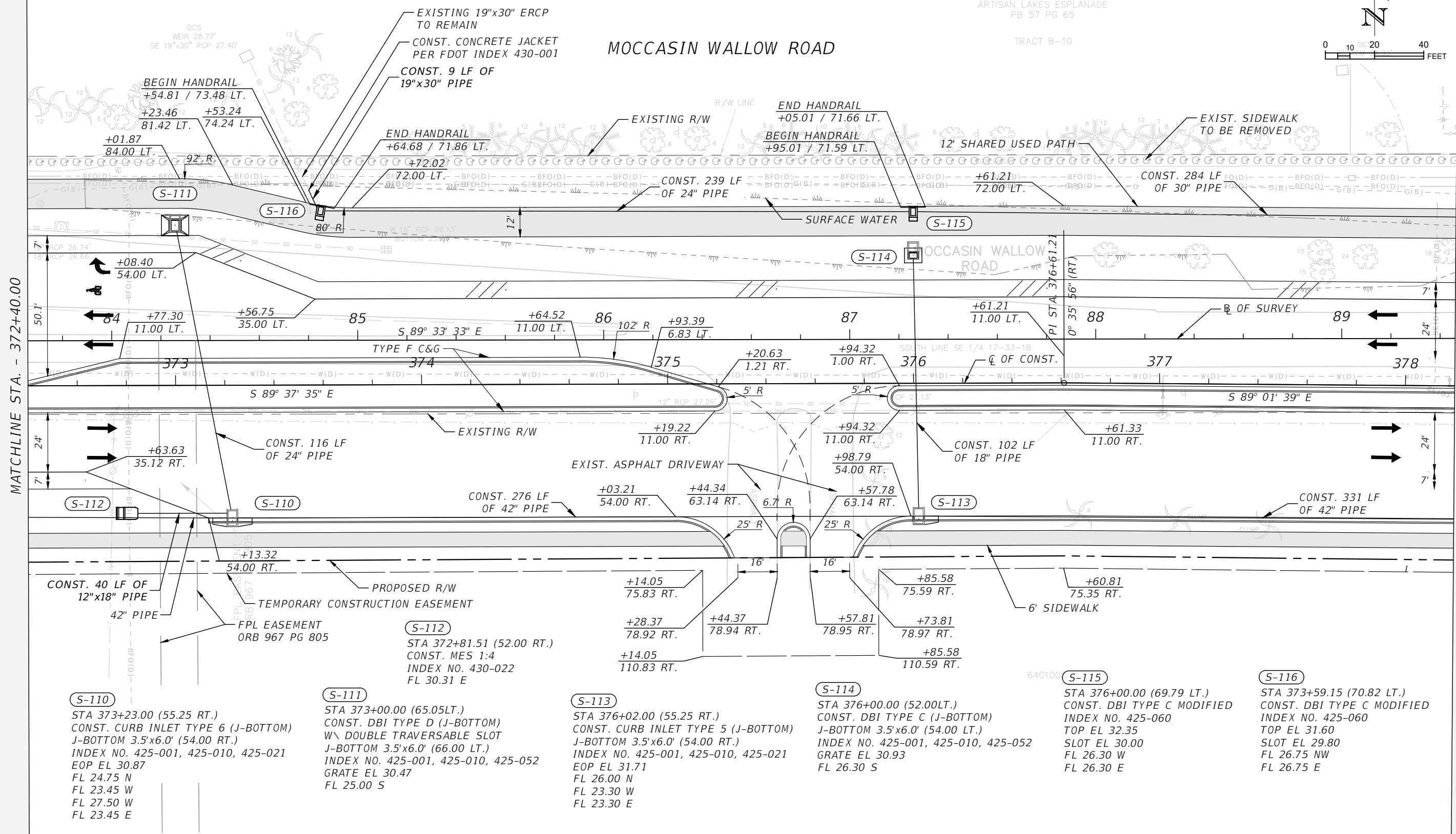
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

4" CONCRETE SIDEWALK/SHARED USE PATH
 6" CONCRETE DRIVEWAYS

ARTISAN LAKES ESPLANADE
 PB 57 PG 65
 TRACT B-10



MOCCASIN WALLOW ROAD



MATCHLINE STA. - 372+40.00

MATCHLINE STA. - 378+20.00

(S-110)
 STA 373+23.00 (55.25 RT.)
 CONST. CURB INLET TYPE 6 (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-021
 EOP EL 30.87
 FL 24.75 N
 FL 23.45 W
 FL 27.50 W
 FL 23.45 E

(S-111)
 STA 373+00.00 (65.05 LT.)
 CONST. DBI TYPE D (J-BOTTOM)
 W\ DOUBLE TRAVERSABLE SLOT
 J-BOTTOM 3.5'x6.0' (66.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 30.47
 FL 25.00 S

(S-113)
 STA 376+02.00 (55.25 RT.)
 CONST. CURB INLET TYPE 5 (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 RT.)
 INDEX NO. 425-001, 425-010, 425-021
 EOP EL 31.71
 FL 26.00 N
 FL 23.30 W
 FL 23.30 E

(S-114)
 STA 376+00.00 (52.00 LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 30.93
 FL 26.30 S

(S-115)
 STA 376+00.00 (69.79 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 32.35
 SLOT EL 30.00
 FL 26.30 W
 FL 26.30 E

(S-116)
 STA 373+59.15 (70.82 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 31.60
 SLOT EL 29.80
 FL 26.75 NW
 FL 26.75 E

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

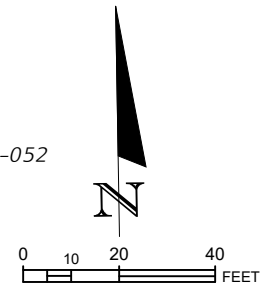
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (15)

SHEET NO.
49

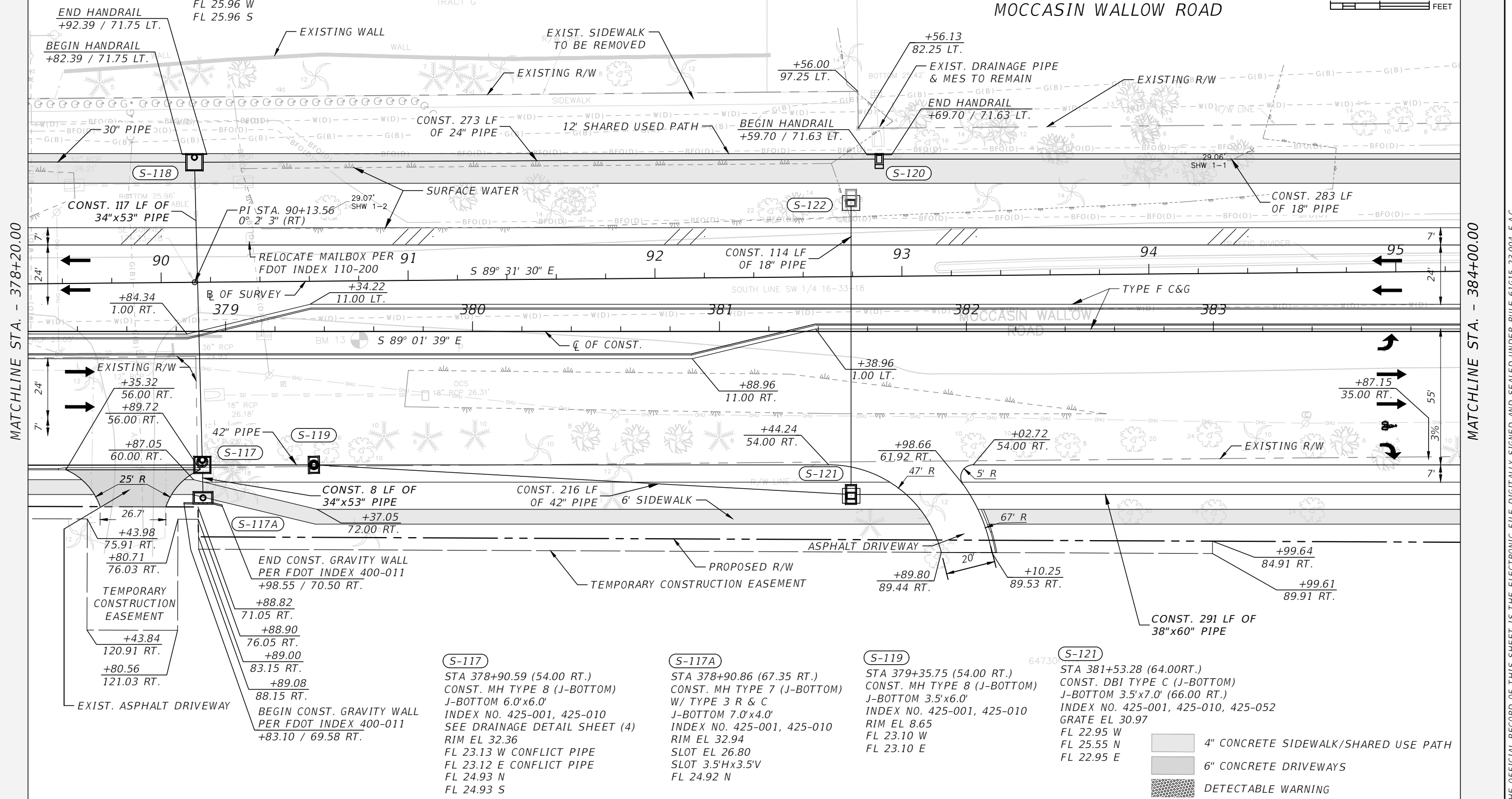
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-118
 STA 378+87.39 (68.50 LT.)
 CONST. MH TYPE 7 (J-BOTTOM)
 W/ TYPE 3 R & C
 J-BOTTOM 6.0'x6.0'
 INDEX NO. 425-001, 425-010
 RIM EL 33.00
 SLOT EL 30.00
 FL 25.96 E
 FL 25.96 W
 FL 25.96 S

S-120
 STA 381+64.70 (69.79 LT.)
 CONST. DBI TYPE C MODIFIED
 INDEX NO. 425-060
 TOP EL 31.90
 SLOT EL 29.00
 FL 26.70 E ANADE
 FL 26.70 W

S-122
 STA 381+53.28 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 30.64
 FL 25.85 S



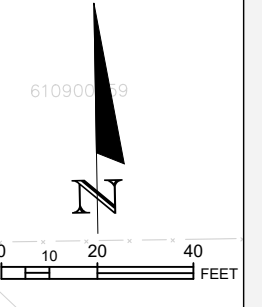
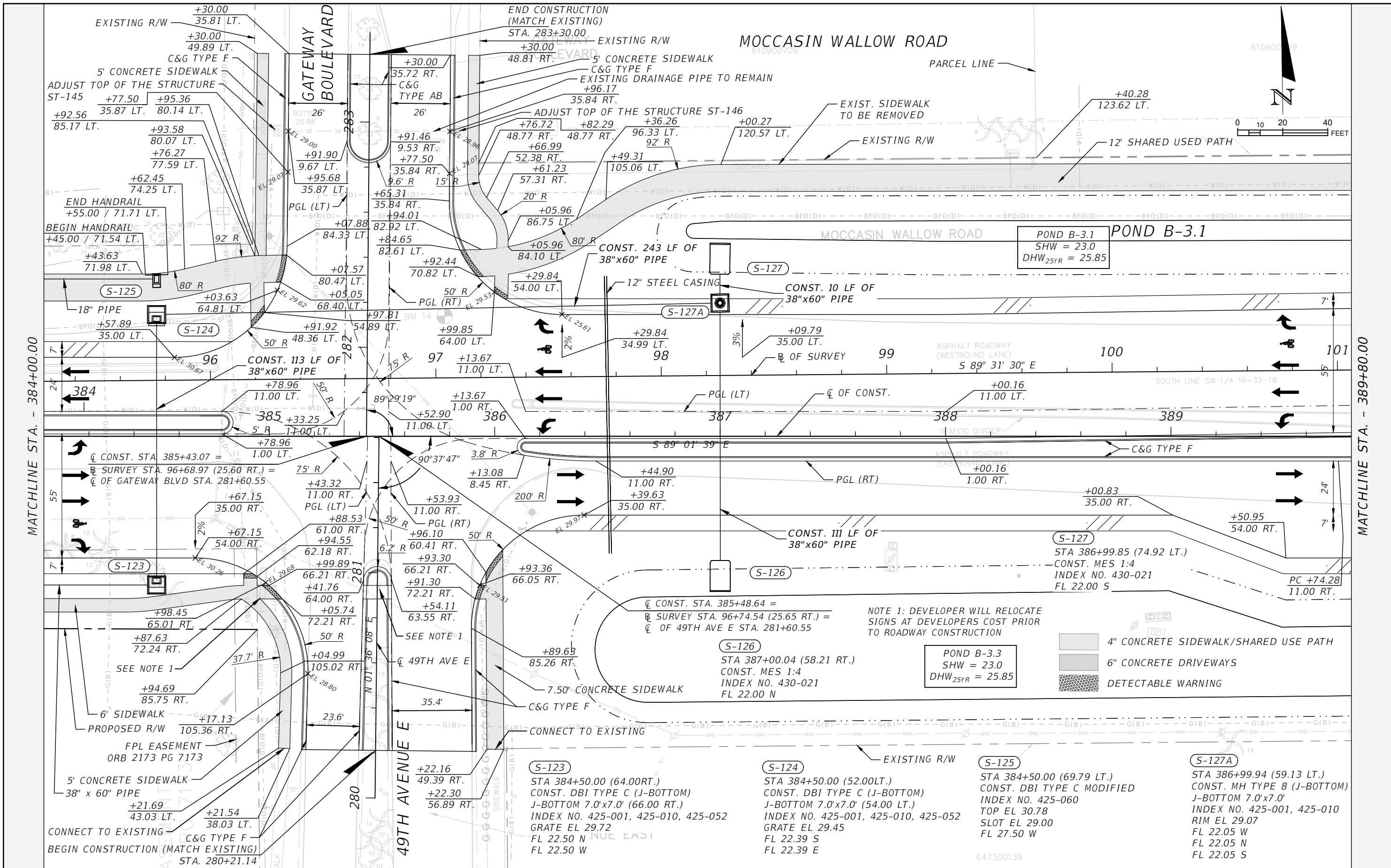
MATCHLINE STA. - 378+20.00

MATCHLINE STA. - 384+00.00

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

- 4" CONCRETE SIDEWALK/SHARED USE PATH
- 6" CONCRETE DRIVEWAYS
- DETECTABLE WARNING

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PLAN (16)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		50
					MOCCASIN WALLOW RD	6092560		



MATCHLINE STA. - 384+00.00

MATCHLINE STA. - 389+80.00

NOTE 1: DEVELOPER WILL RELOCATE SIGNS AT DEVELOPERS COST PRIOR TO ROADWAY CONSTRUCTION

- 4" CONCRETE SIDEWALK/SHARED USE PATH
- 6" CONCRETE DRIVEWAYS
- DETECTABLE WARNING

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (17)

SHEET NO.
51

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

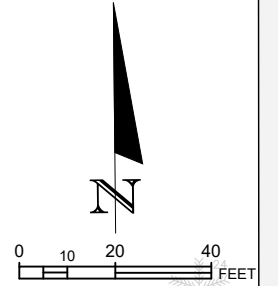
S-128
 STA 391+71.54 (90.67 LT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 23.00 E

S-131
 STA 392+80.79 (90.24 LT.)
 CONST. MH TYPE 8 (J-BOTTOM)
 J-BOTTOM 5.0'x5.0'
 INDEX NO. 425-001, 425-010
 SEE DRAINAGE DETAIL SHEET (4)
 RIM EL 26.72
 FL 22.79 W CONFLICT PIPE
 FL 22.78 E CONFLICT PIPE
 FL 21.68 S
 FL 21.68 N

P/O 610900609

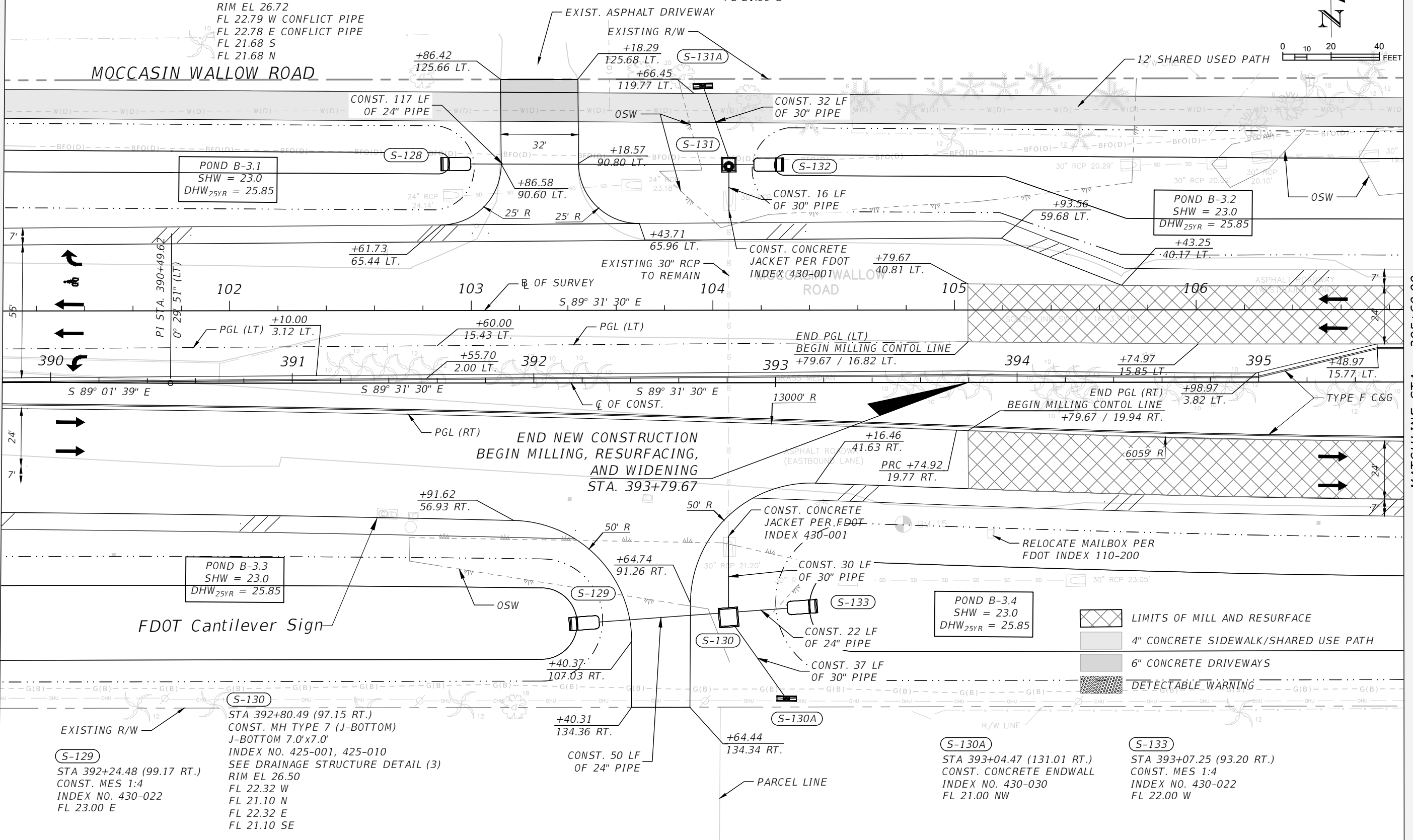
S-131A
 STA 392+70.04 (123.06 LT.)
 CONST. CONCRETE ENDWALL
 INDEX NO. 430-030
 FL 21.60 S

S-132
 STA 392+93.59 (90.23 LT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 22.75 W



MATCHLINE STA. - 389+80.00

MATCHLINE STA. - 395+60.00



FDOT Cantilever Sign

- LIMITS OF MILL AND RESURFACE
- 4" CONCRETE SIDEWALK/SHARED USE PATH
- 6" CONCRETE DRIVEWAYS
- DETECTABLE WARNING





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

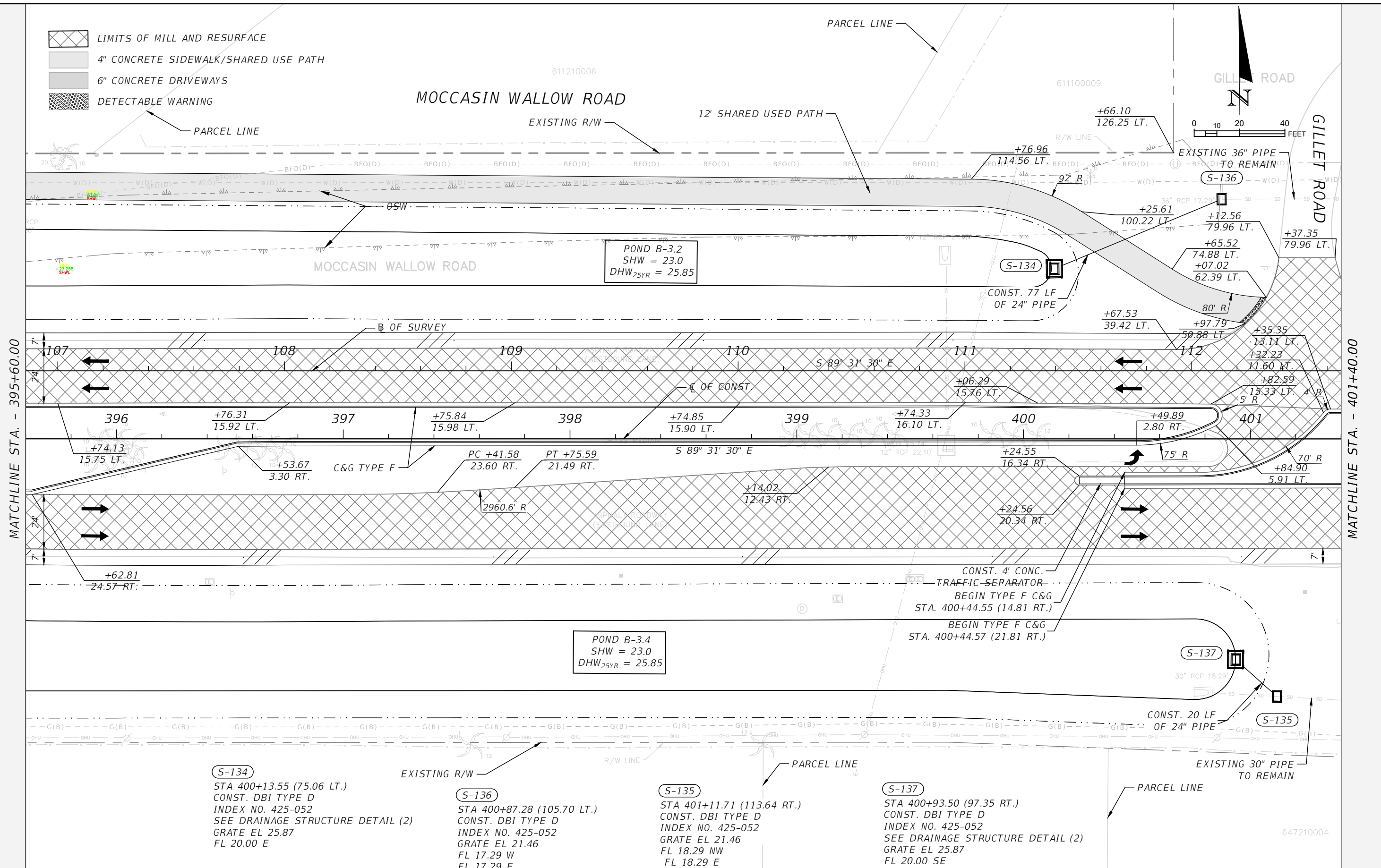
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (18)	SHEET NO. 52
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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.

-  LIMITS OF MILL AND RESURFACE
-  4" CONCRETE SIDEWALK/SHARED USE PATH
-  6" CONCRETE DRIVEWAYS
-  DETECTABLE WARNING



POND B-3.2
SHW = 23.0
DHW_{25YR} = 25.85

POND B-3.4
SHW = 23.0
DHW_{25YR} = 25.85

(S-134)
STA 400+13.55 (75.06 LT.)
CONST. DBI TYPE D
INDEX NO. 425-052
SEE DRAINAGE STRUCTURE DETAIL (2)
GRATE EL 25.87
FL 20.00 E

(S-136)
STA 400+87.28 (105.70 LT.)
CONST. DBI TYPE D
INDEX NO. 425-052
GRATE EL 21.46
FL 17.29 W
FL 17.29 E

(S-135)
STA 401+11.71 (113.64 RT.)
CONST. DBI TYPE D
INDEX NO. 425-052
GRATE EL 21.46
FL 18.29 NW
FL 18.29 E

(S-137)
STA 400+93.50 (97.35 RT.)
CONST. DBI TYPE D
INDEX NO. 425-052
SEE DRAINAGE STRUCTURE DETAIL (2)
GRATE EL 25.87
FL 20.00 SE

MATCHLINE STA. - 395+60.00

MATCHLINE STA. - 401+40.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

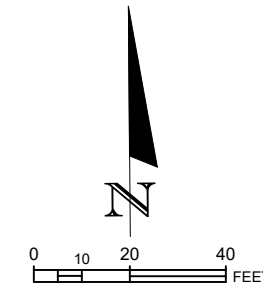
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

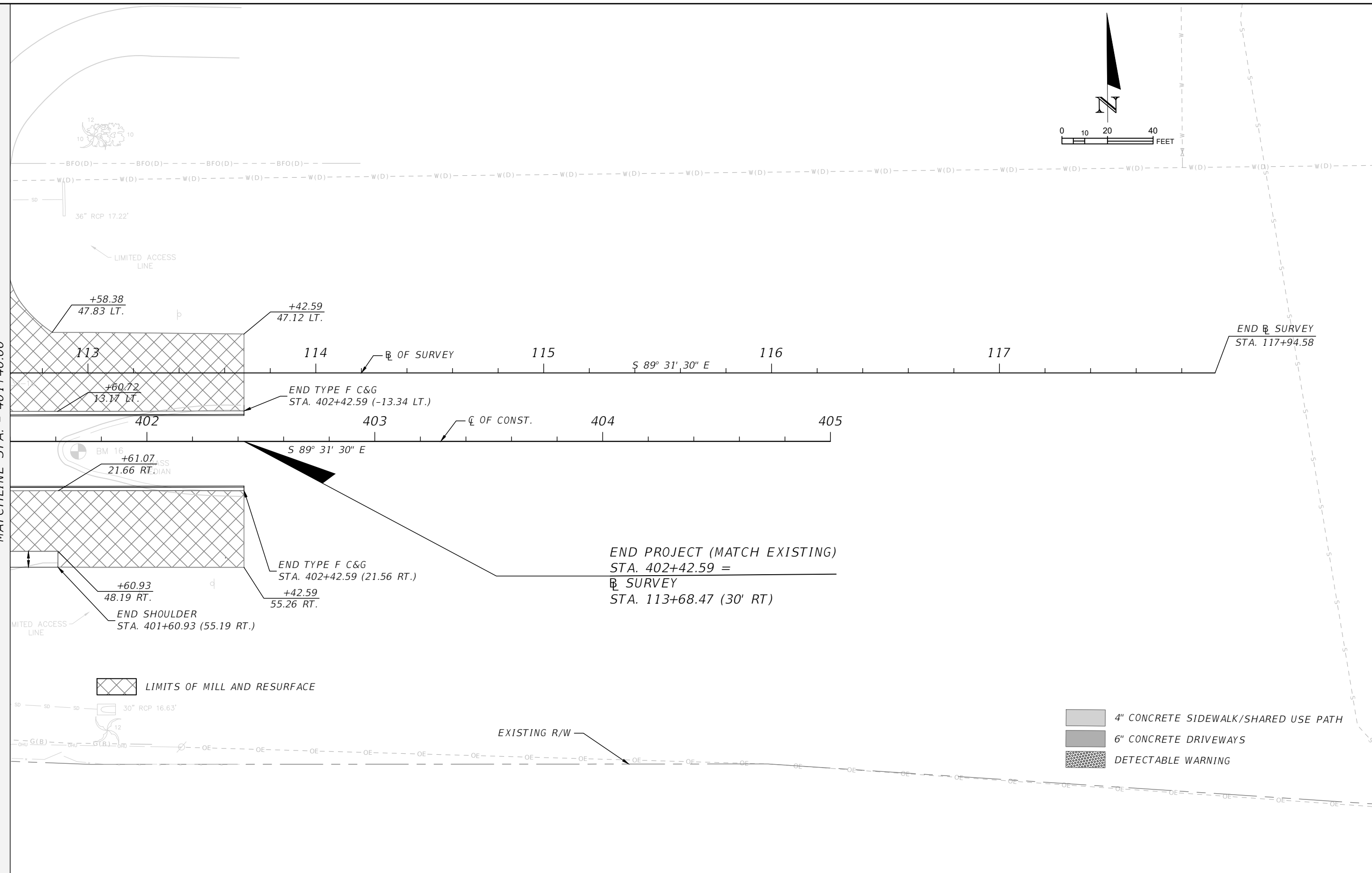
PLAN (19)

SHEET NO.
53

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



MATCHLINE STA. - 401+40.00



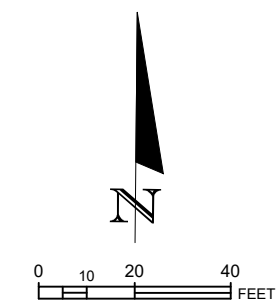
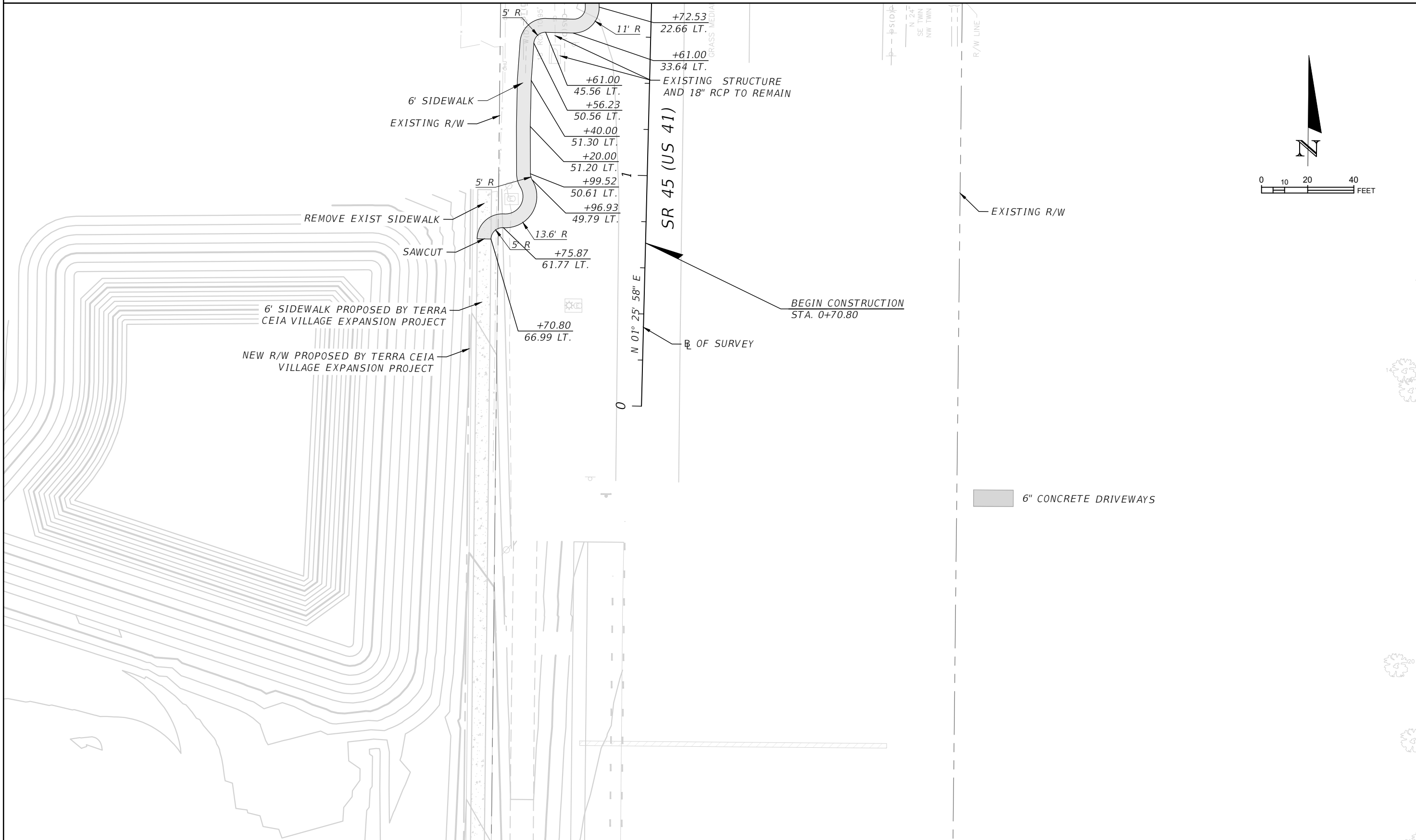
LIMITS OF MILL AND RESURFACE

- 4" CONCRETE SIDEWALK/SHARED USE PATH
- 6" CONCRETE DRIVEWAYS
- DETECTABLE WARNING

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PLAN (20)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		54
					MOCCASIN WALLOW RD	6092560		

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

MATCHLINE - STA 1+75.00 - SEE PLAN (2)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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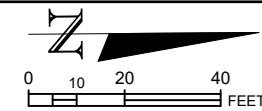
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (21)

SHEET NO.
55

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

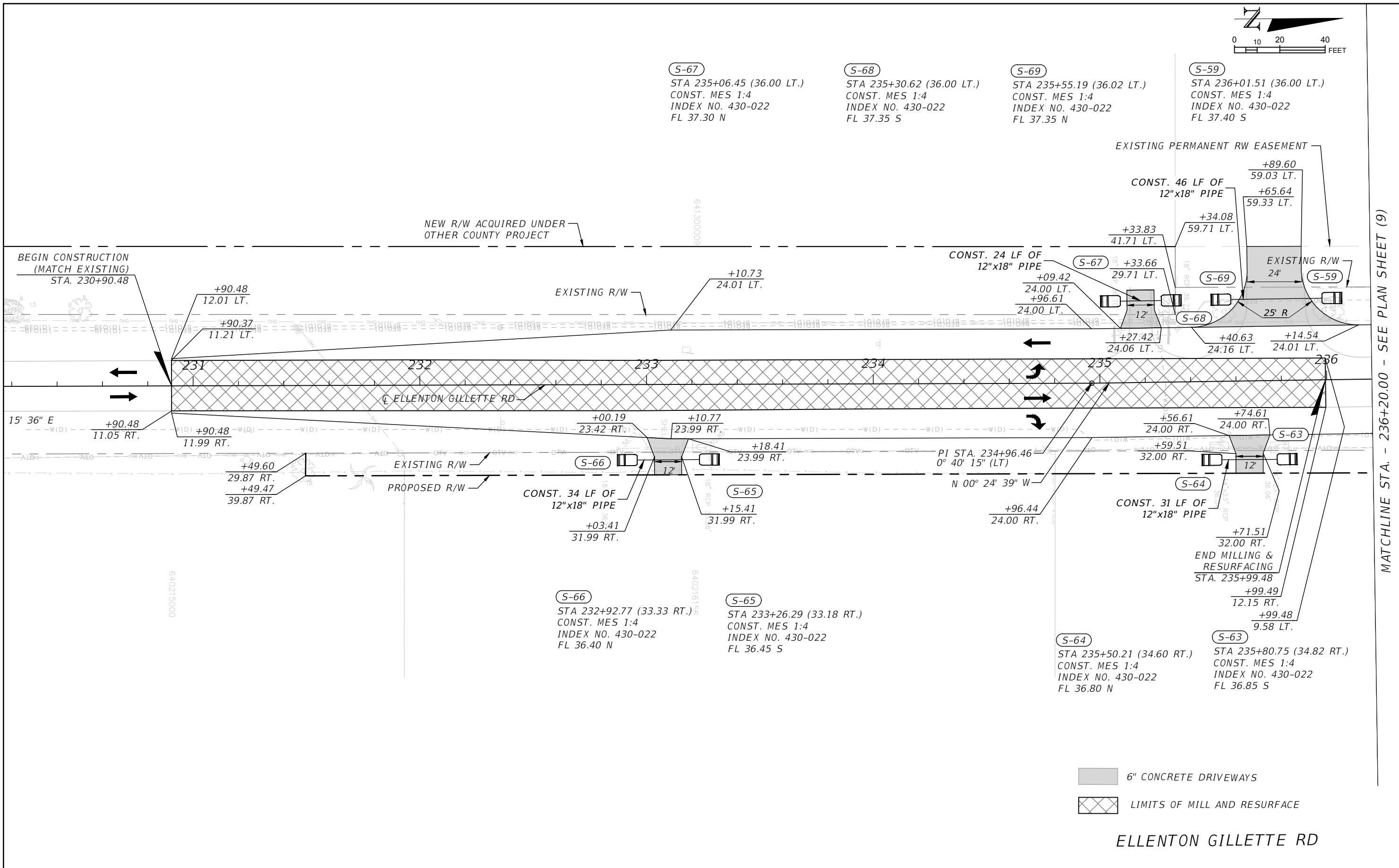


S-67
 STA 235+06.45 (36.00 LT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 37.30 N

S-68
 STA 235+30.62 (36.00 LT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 37.35 S

S-69
 STA 235+55.19 (36.02 LT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 37.35 N

S-59
 STA 236+01.51 (36.00 LT.)
 CONST. MES 1:4
 INDEX NO. 430-022
 FL 37.40 S



6" CONCRETE DRIVEWAYS
 LIMITS OF MILL AND RESURFACE

ELLENTON GILLETTE RD

MATCHLINE STA. - 236+20.00 - SEE PLAN SHEET (9)

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

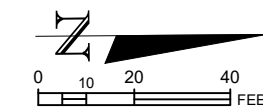
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

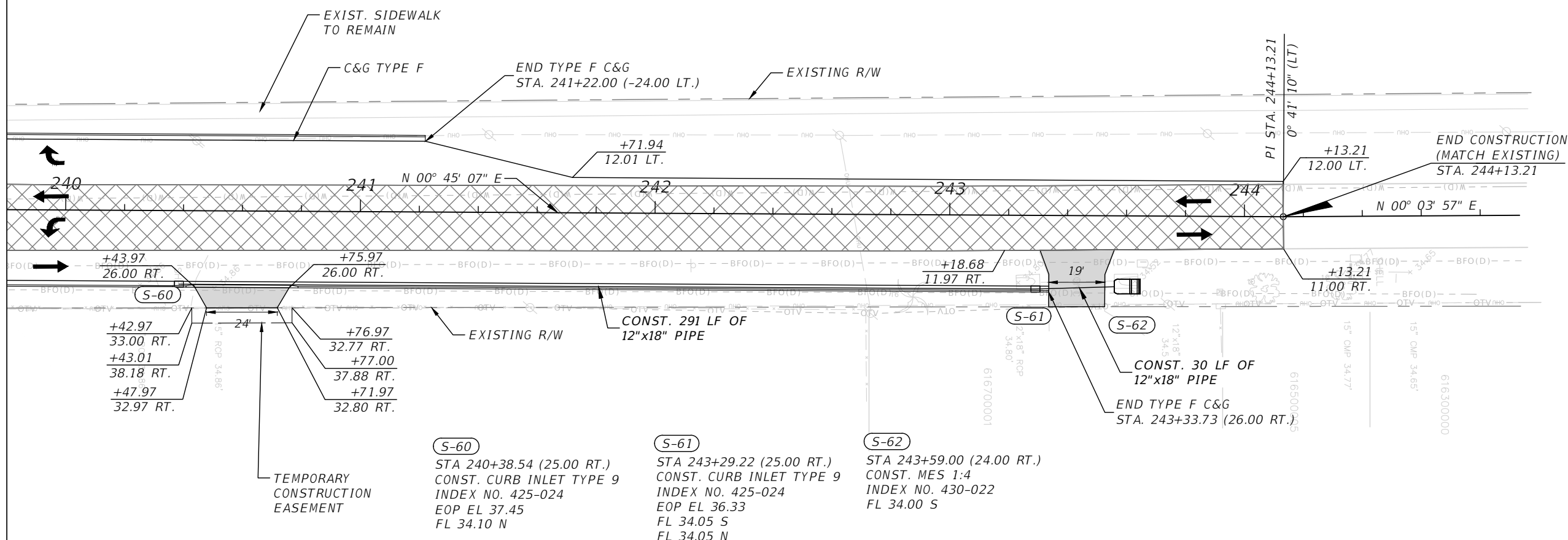
PLAN (22)

SHEET NO.
56



MATCHLINE STA. - 239+80.00 - SEE PLAN SHEET (9)

STING
0.00 (34.72 LT.)



- 4" CONCRETE SIDEWALK/SHARED USE PATH
- 6" CONCRETE DRIVEWAYS
- LIMITS OF MILL, RESURFACE AND OVERBUILD

BUD RHODEN ROAD

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

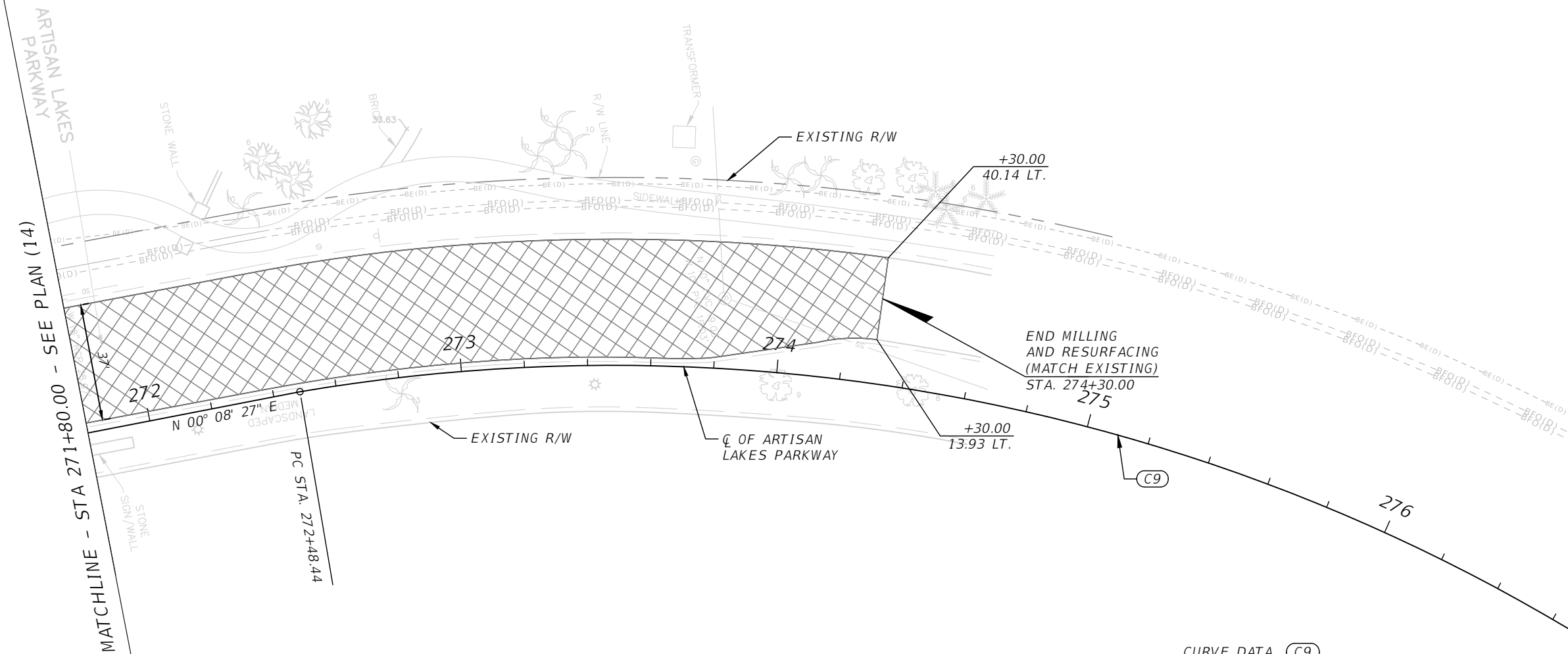
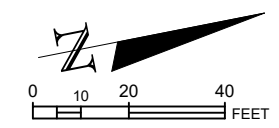
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (23)

SHEET NO.
57

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



CURVE DATA (C9)
 PI STA. = 276+53.13
 DELTA = 68° 47' 31" (RT)
 D = 9° 41' 34"
 T = 404.69
 L = 709.73
 R = 591.13
 PC STA. = 272+48.44
 PT STA. = 279+58.17
 e = NC

LIMITS OF MILL AND RESURFACE

ARTISAN LAKES PARKWAY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PLAN (24)

SHEET NO.
58

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

BISHOP HARBOR RD

PROFILE GRADE LINE (ELEVATIONS)

BEGIN PROFILE
STA. 293+00.00
EL. 6.92

EXISTING GROUND
AT \bar{C} OF CONST.

EXISTING GROUND ELEVATIONS
AT \bar{C} OF CONST.

PROFILE GRADE LINE

0.739%

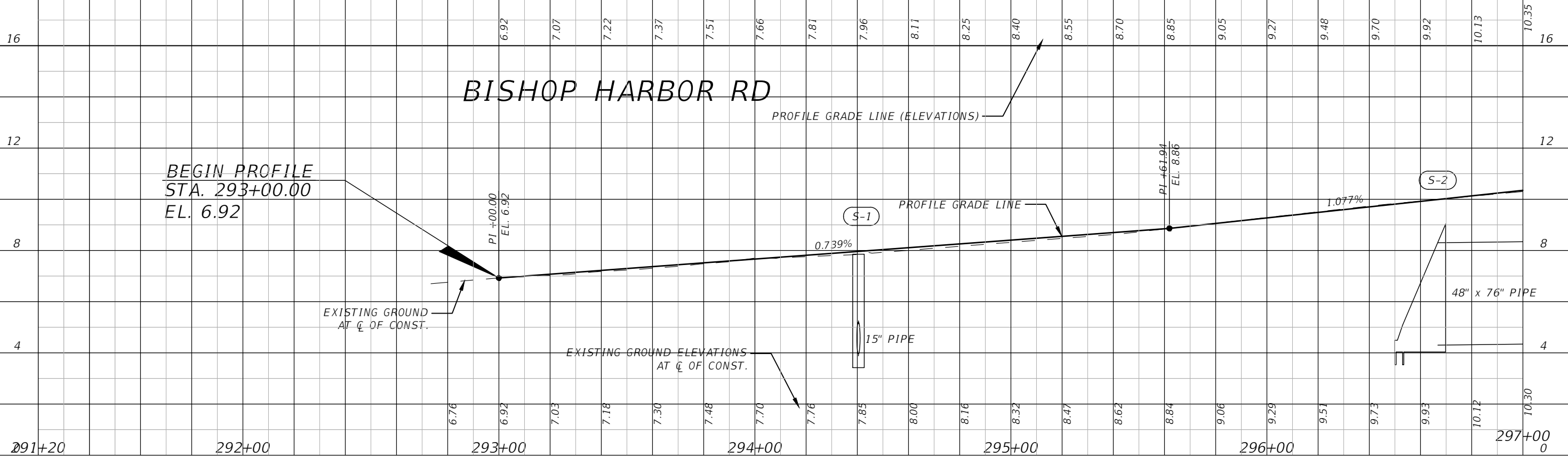
1.077%

S-1

15" PIPE

S-2

48" x 76" PIPE



BISHOP HARBOR RD

PROFILE GRADE LINE (ELEVATIONS)
SR 45 (US 41)

EXISTING GROUND
AT \bar{C} OF CONST.

EXISTING GROUND ELEVATIONS
AT \bar{C} OF CONST.

SR 45 (US 41)

MOCASSIN WALLOW ROAD

1.077%

1.945%

S-8

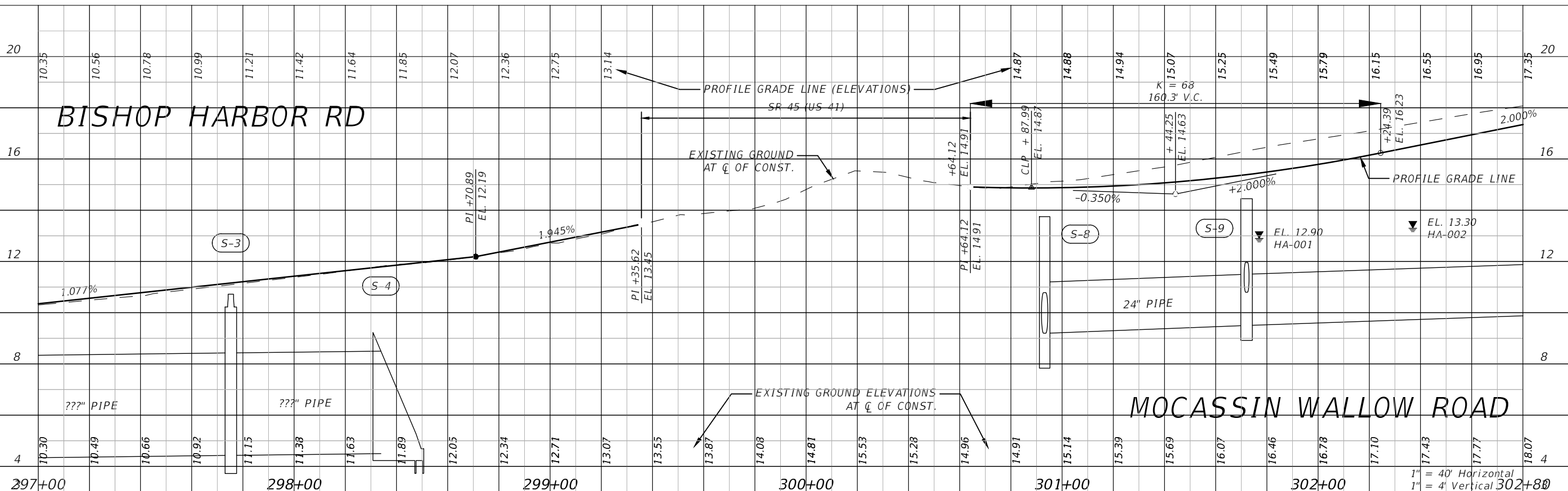
S-9

24" PIPE

EL. 12.90
HA-001

EL. 13.30
HA-002

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

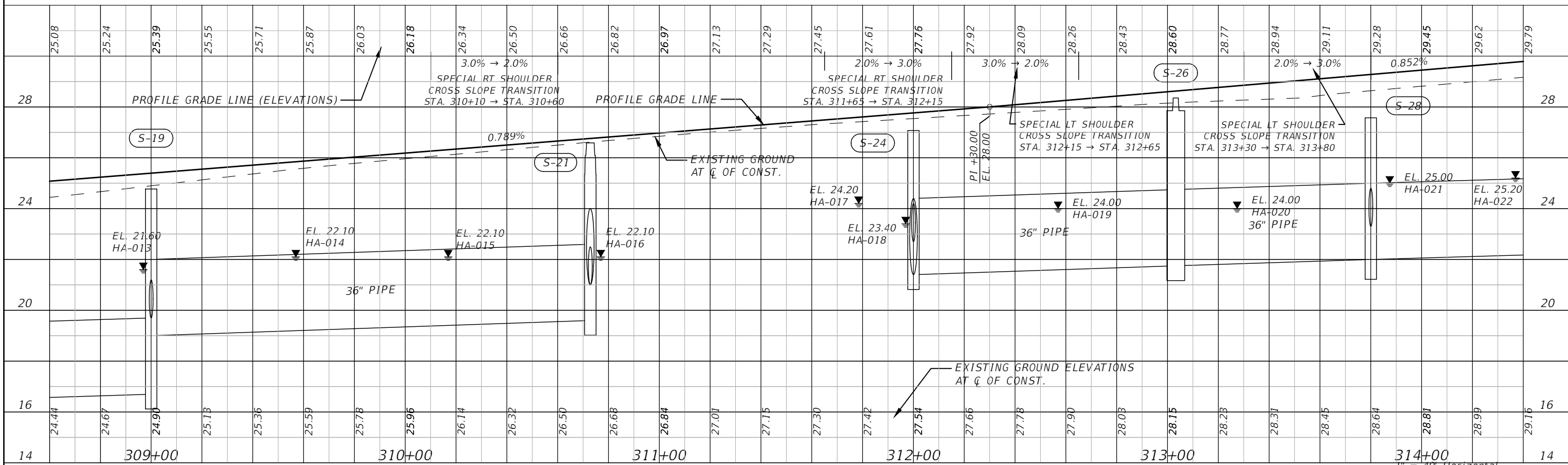
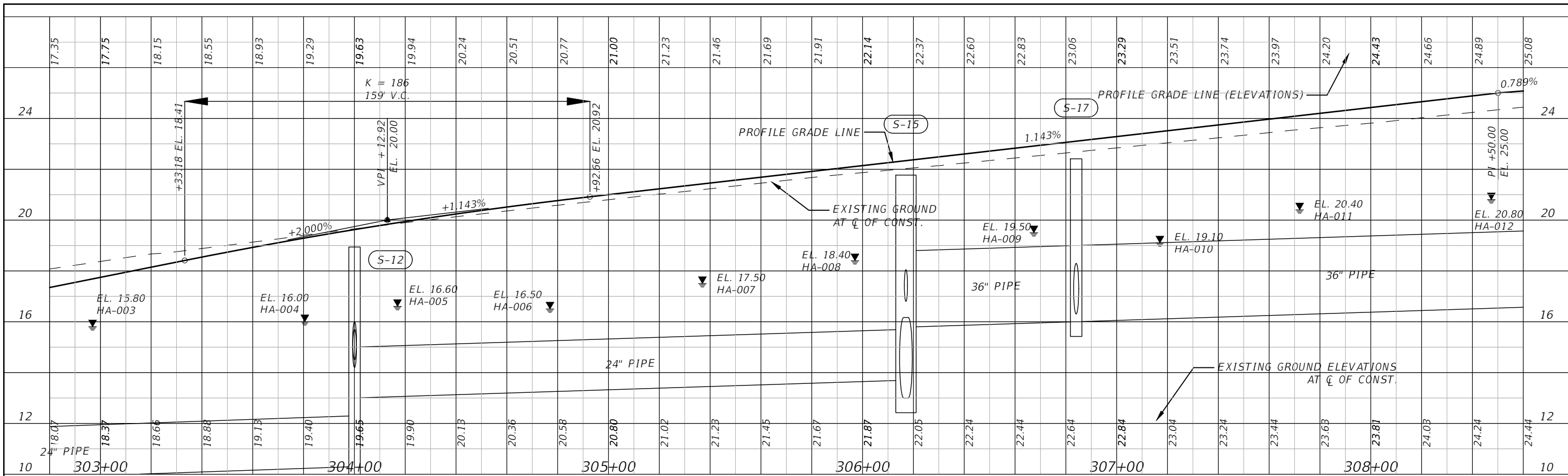
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (1)

SHEET NO.
59

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

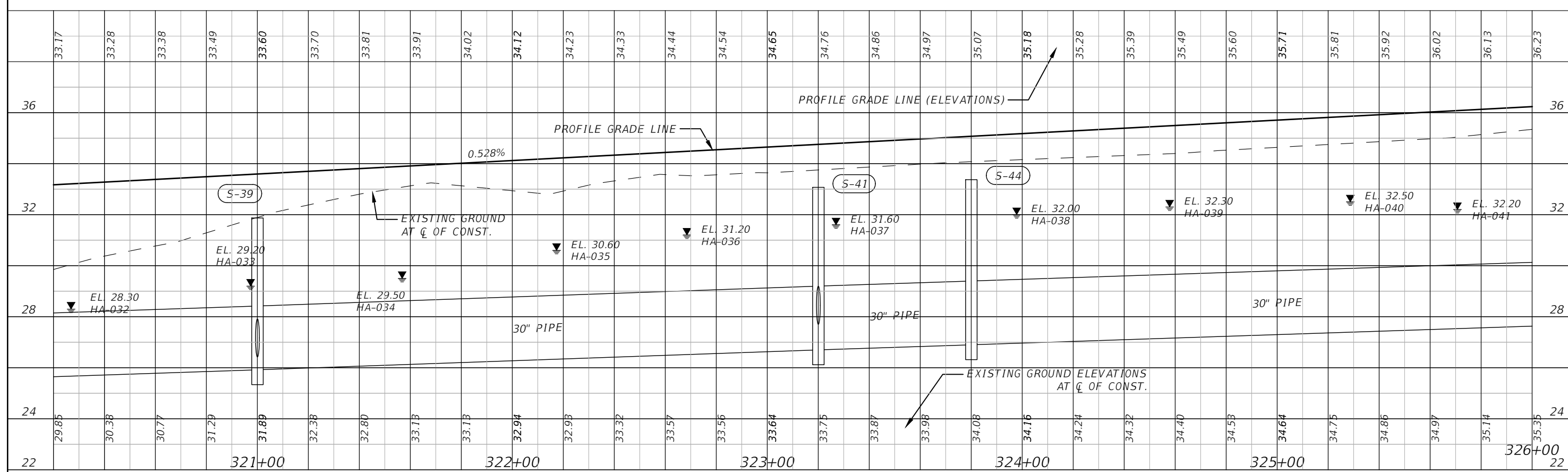
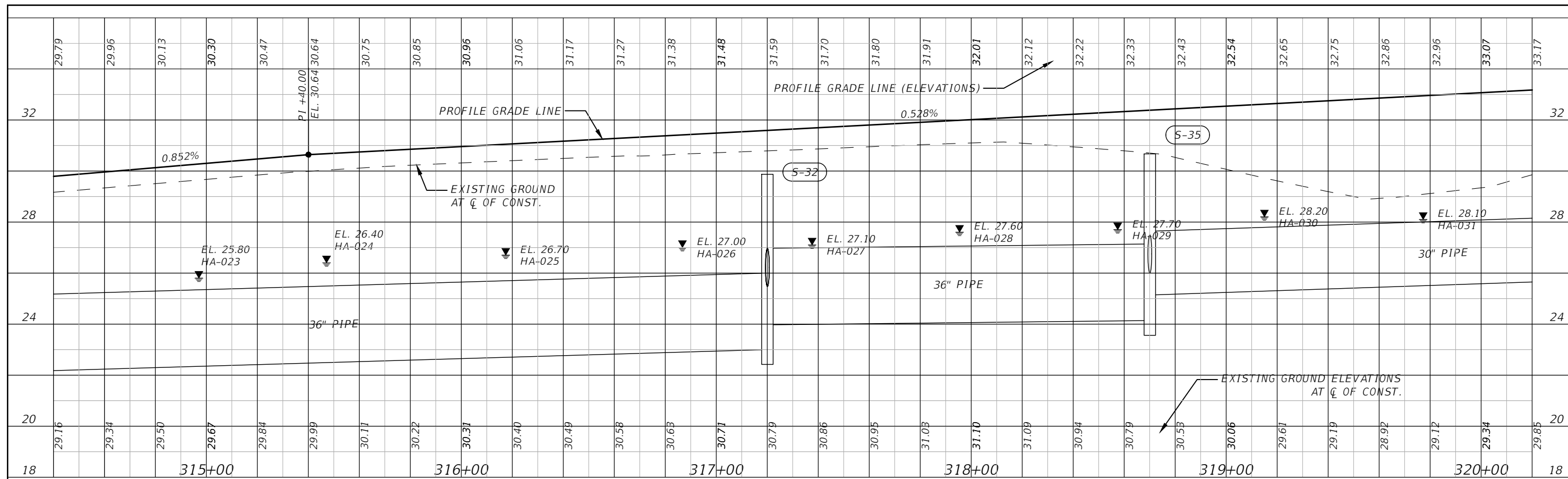
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	92560

PROFILE (2)

SHEET NO.
60

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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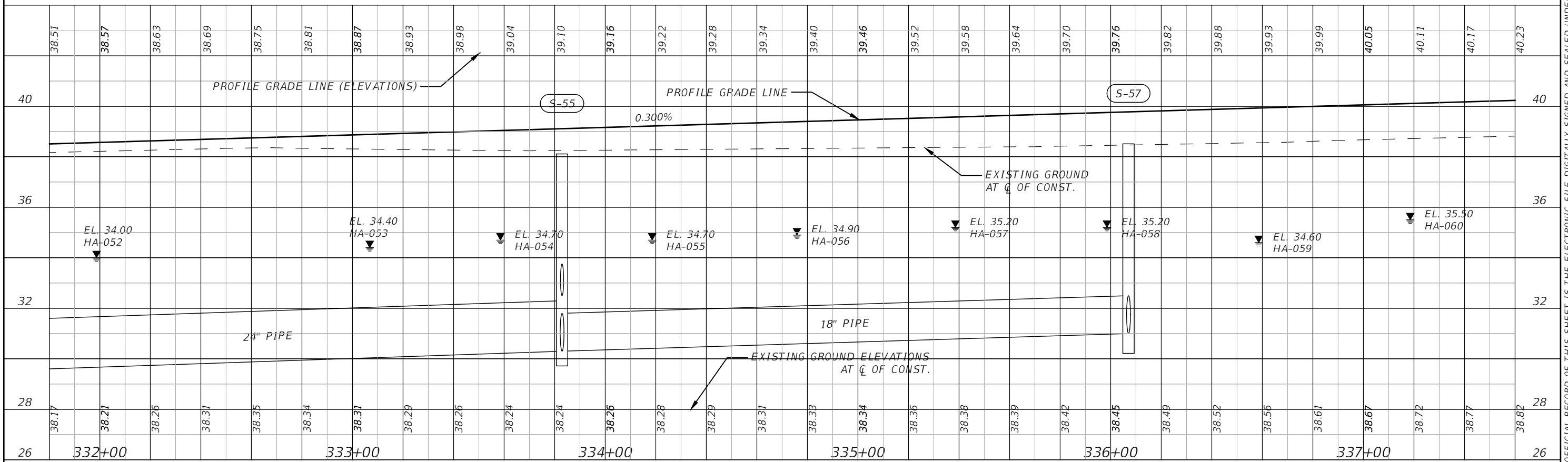
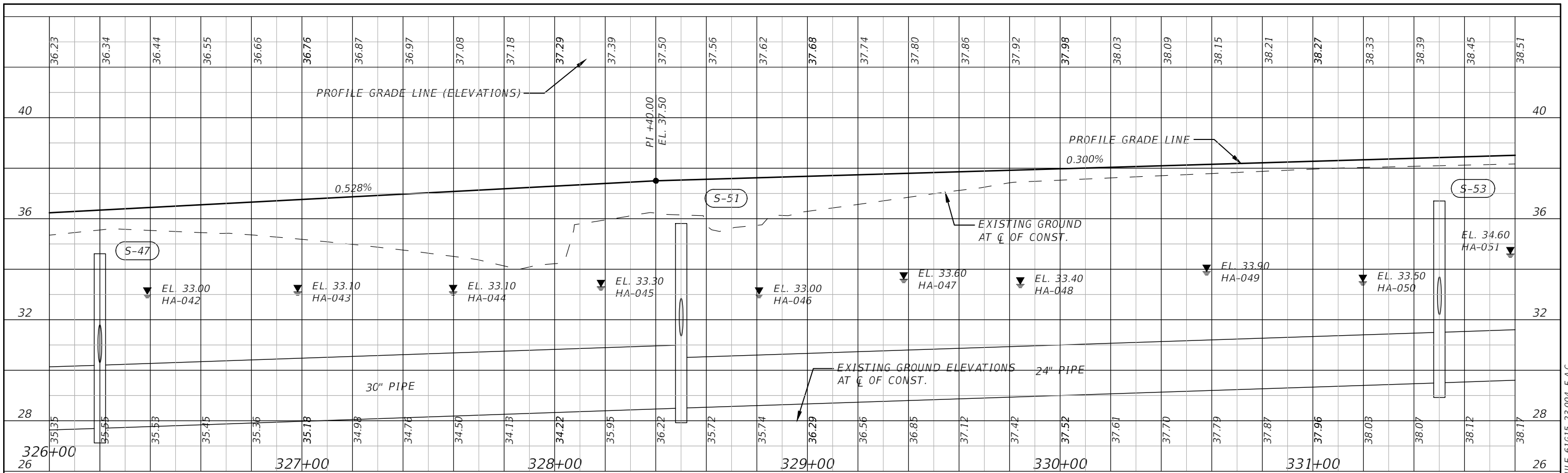
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (3)

SHEET NO.
61

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

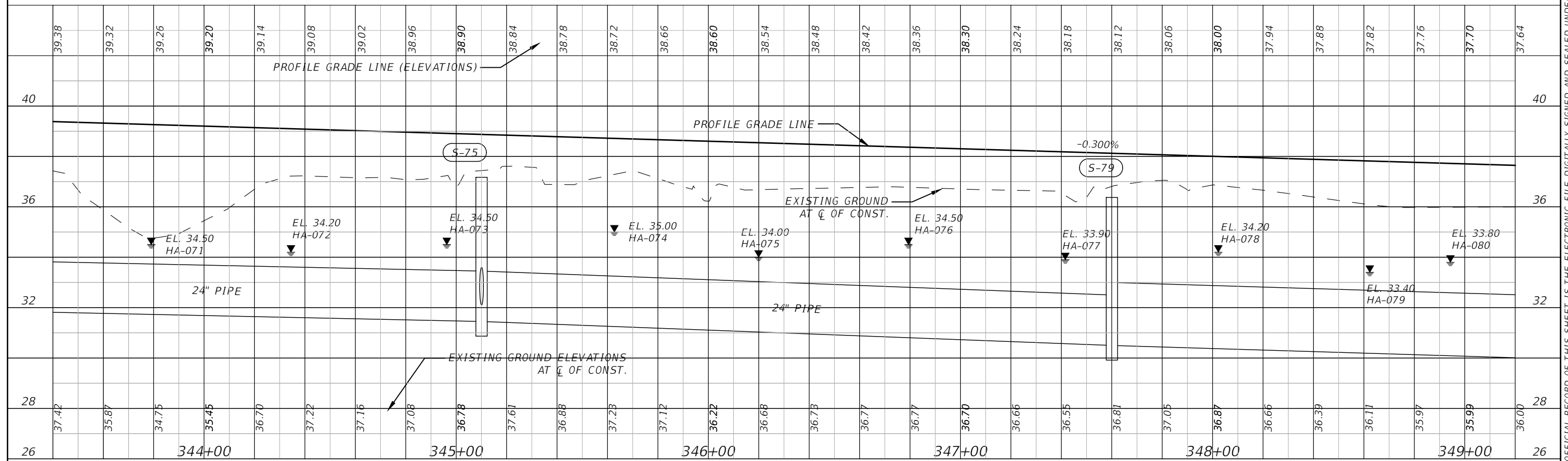
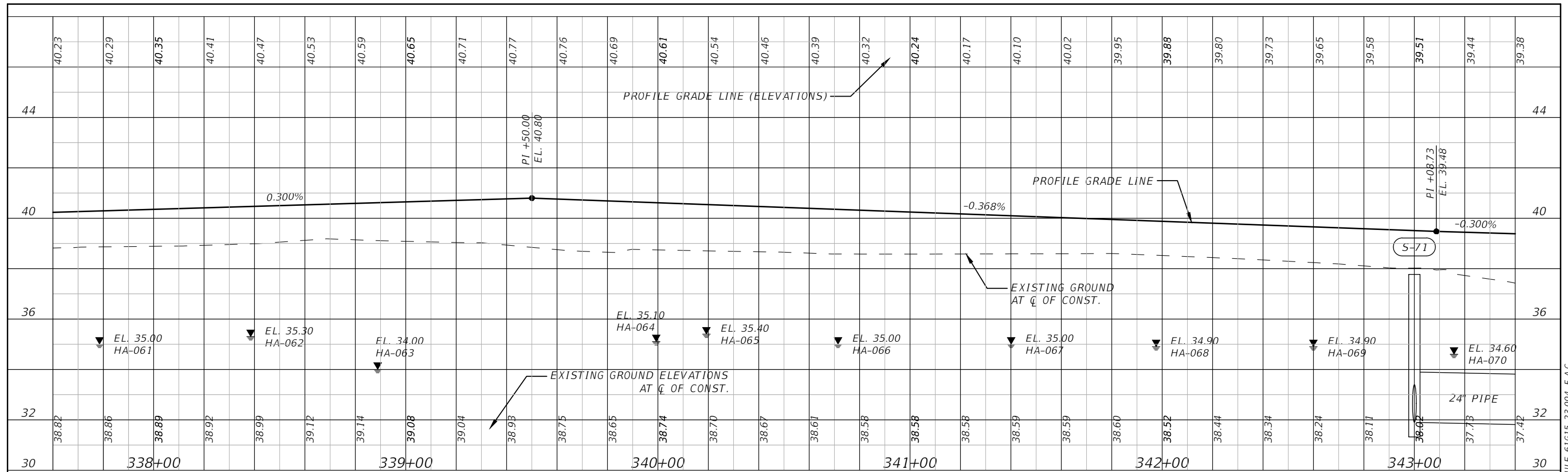
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (4)

SHEET NO.
62

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



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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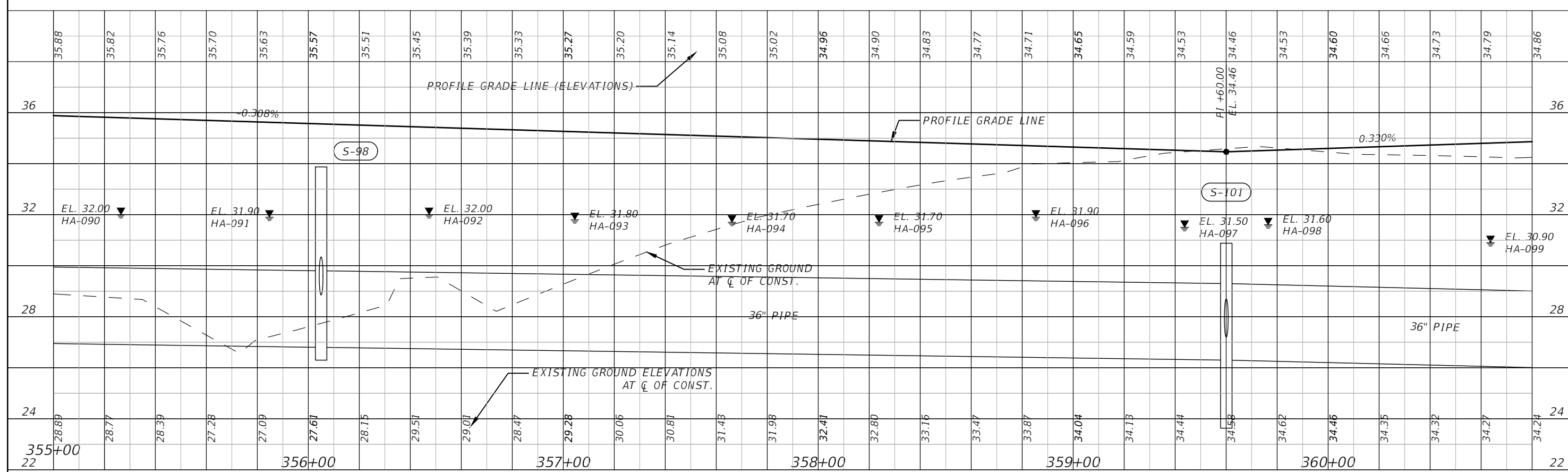
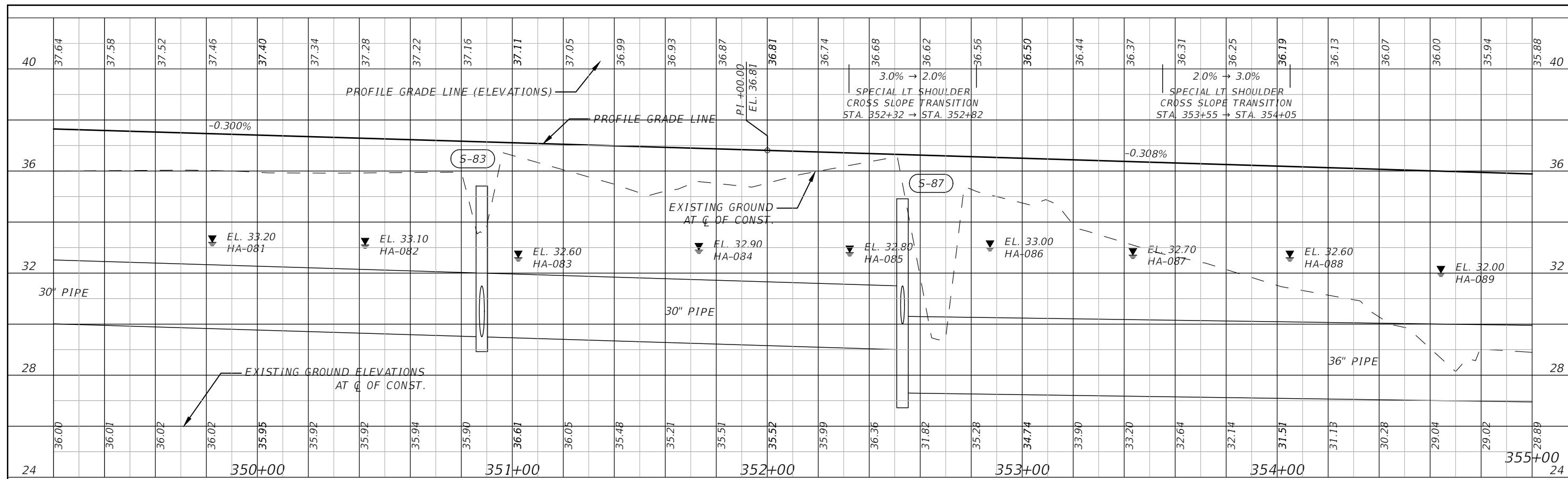
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (5)

SHEET NO.
63

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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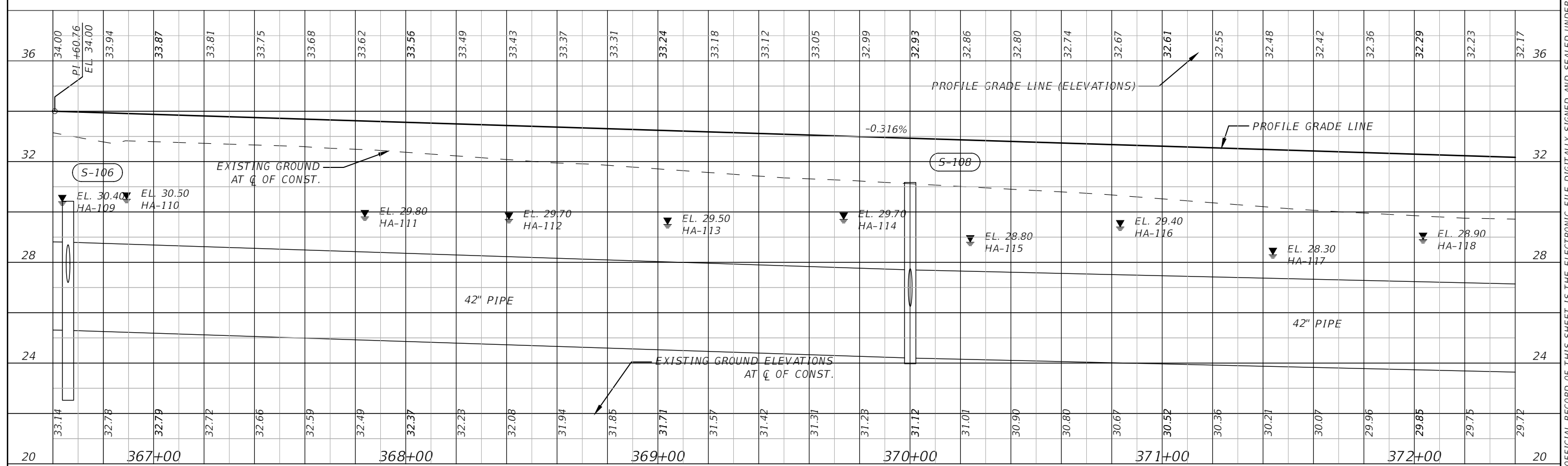
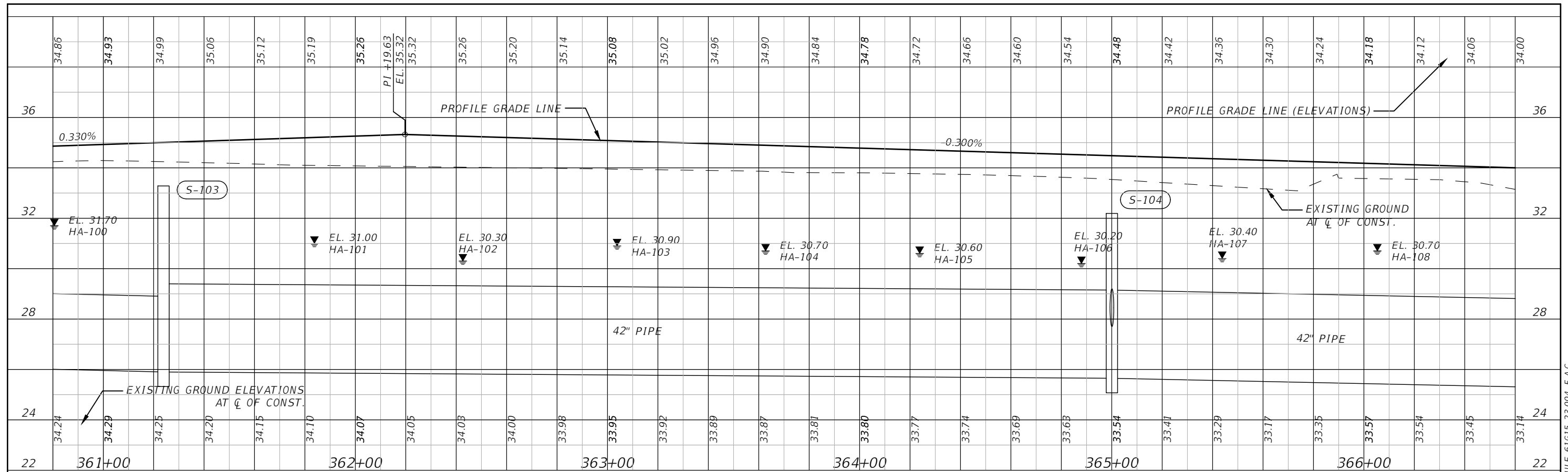
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (6)

SHEET NO.
64

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



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

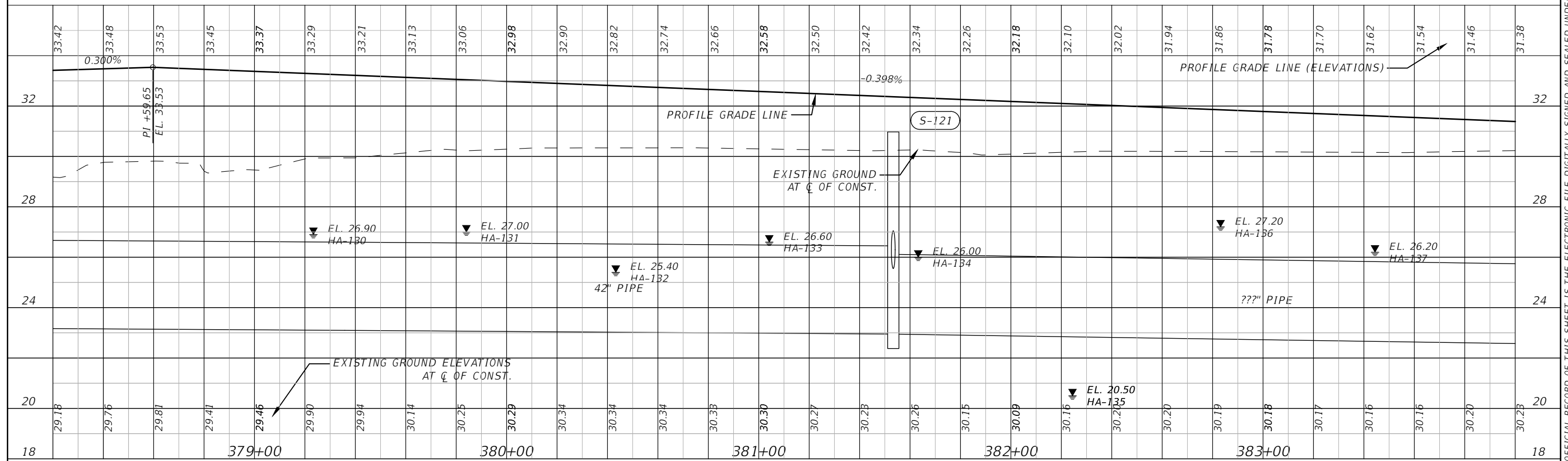
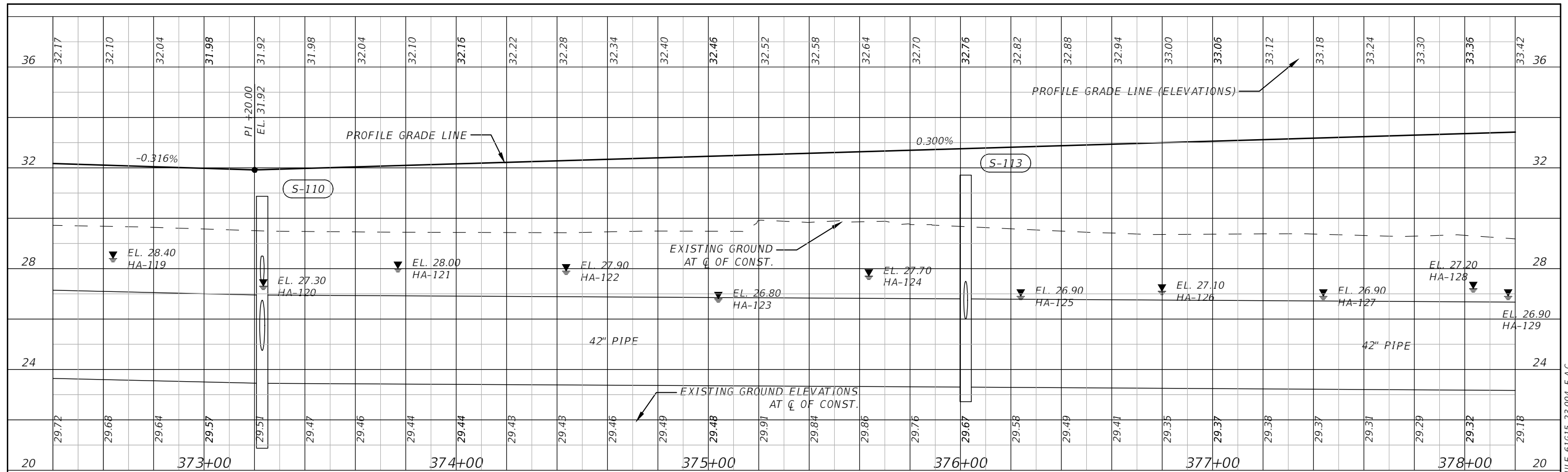
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (7)

SHEET NO.
65

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



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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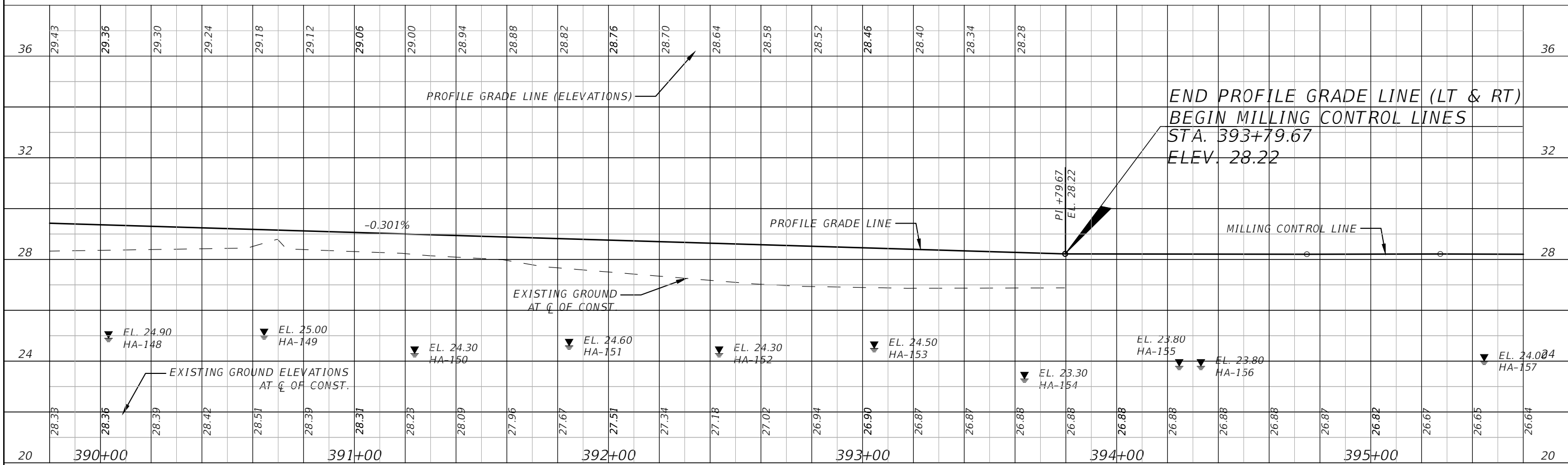
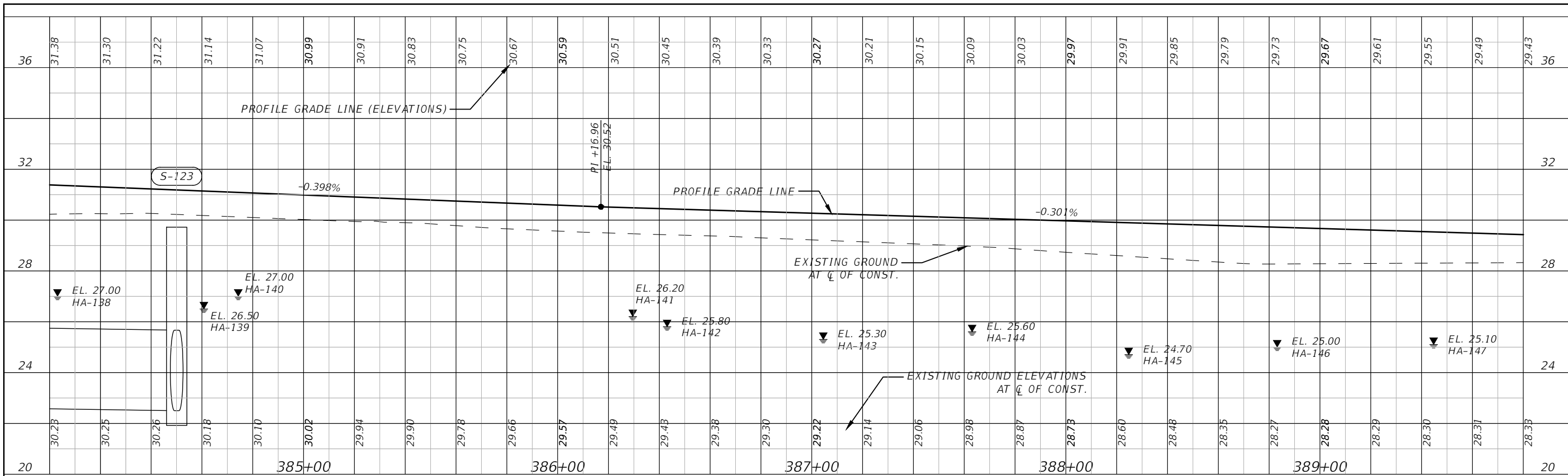
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (8)

SHEET NO.
66

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

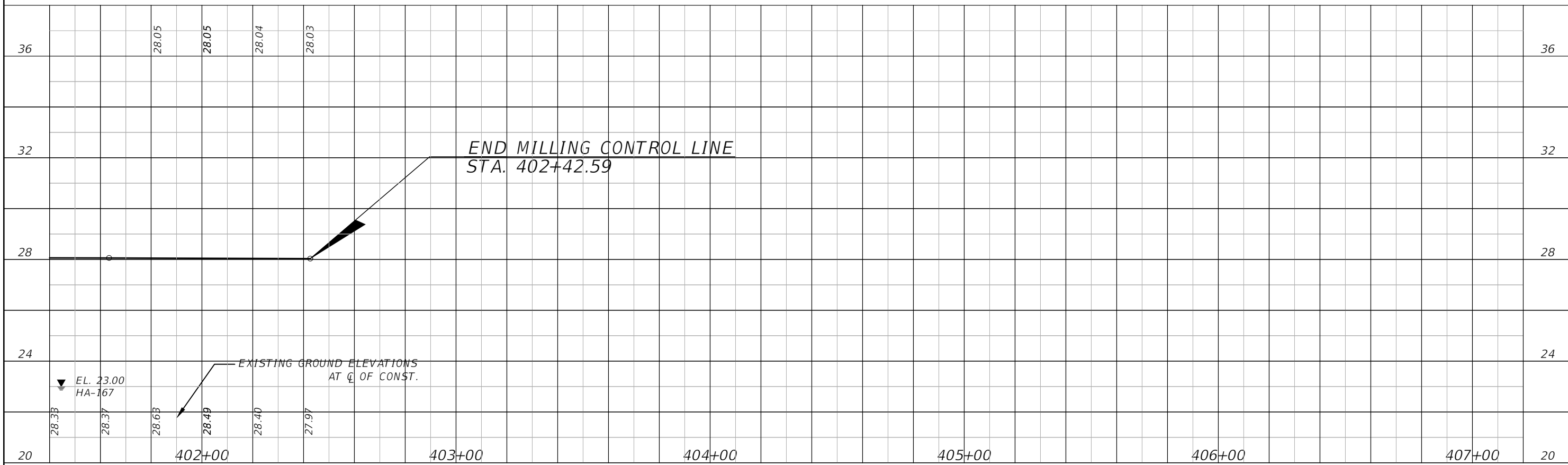
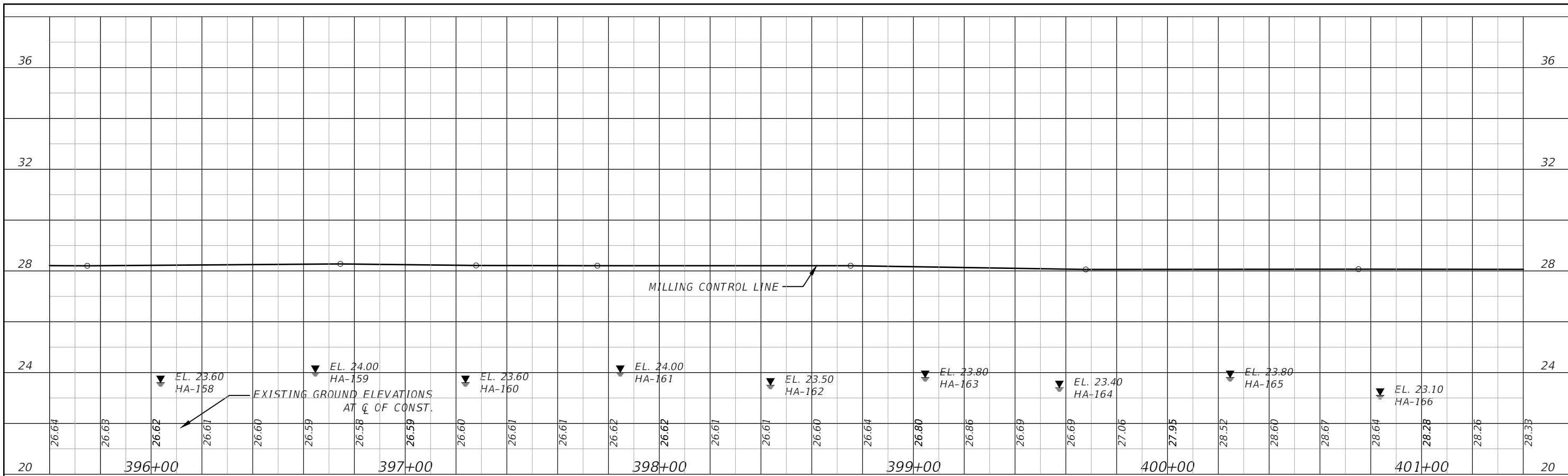


1" = 40' Horizontal
1" = 4' Vertical

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. 67
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
---	---	---	---		MOCCASIN WALLOW RD	6092560	

PROFILE (9)

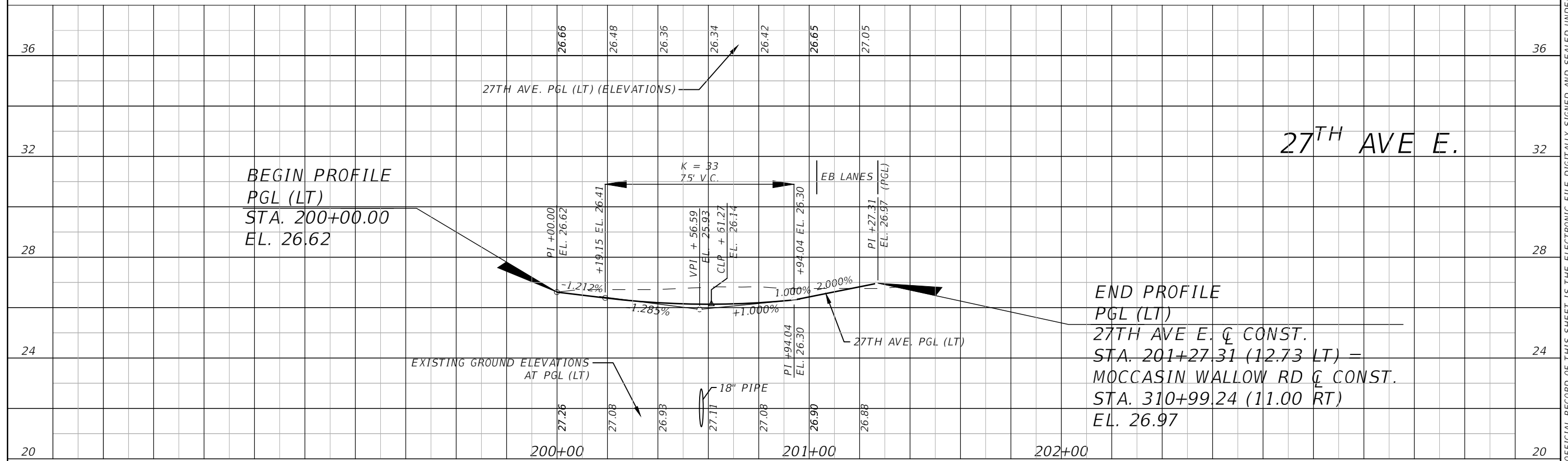
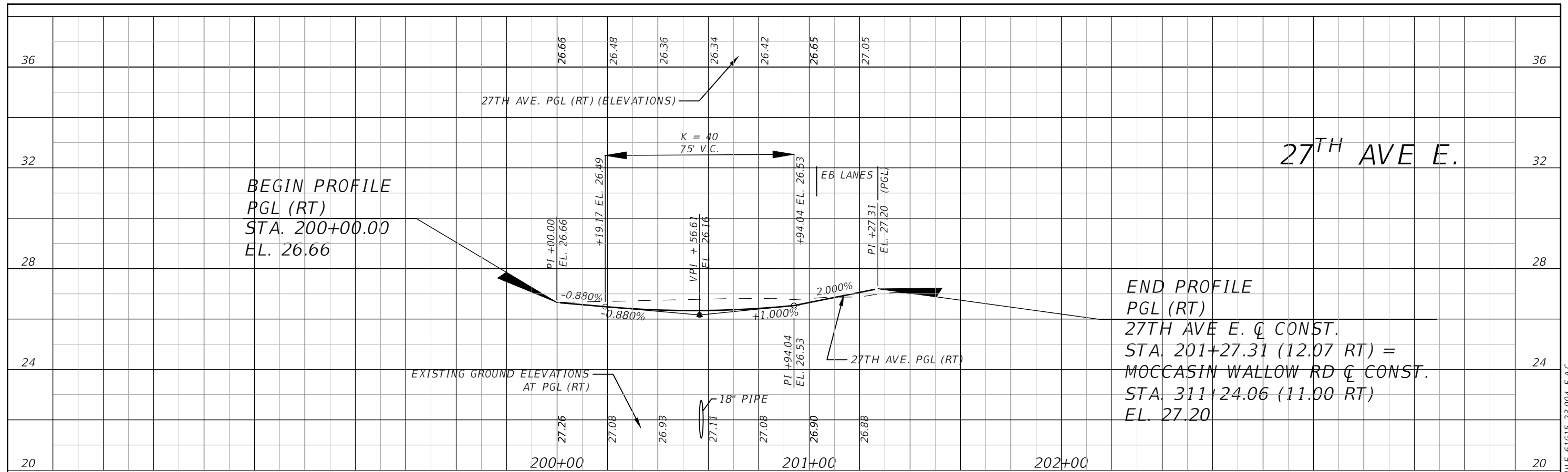
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PROFILE (10)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		68

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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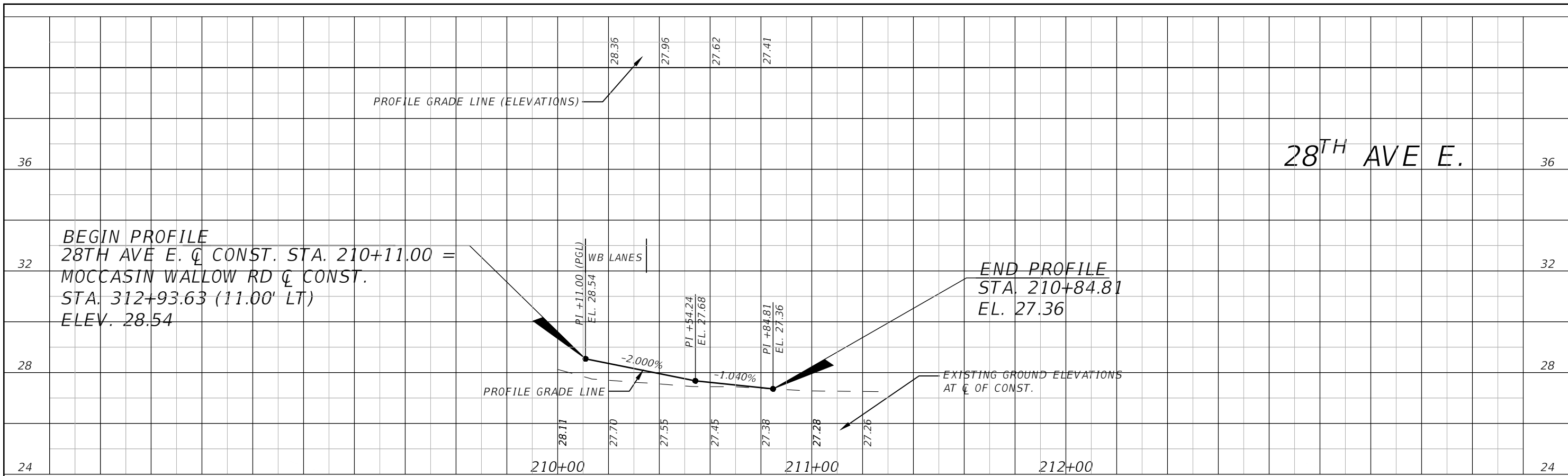
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (11)

SHEET NO.
69

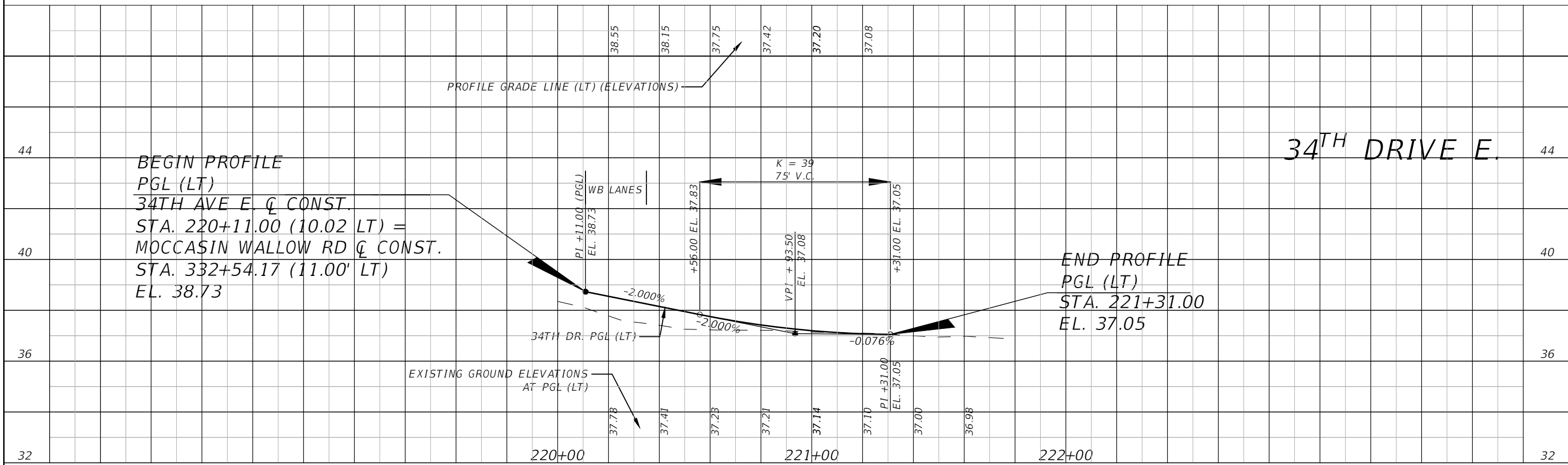
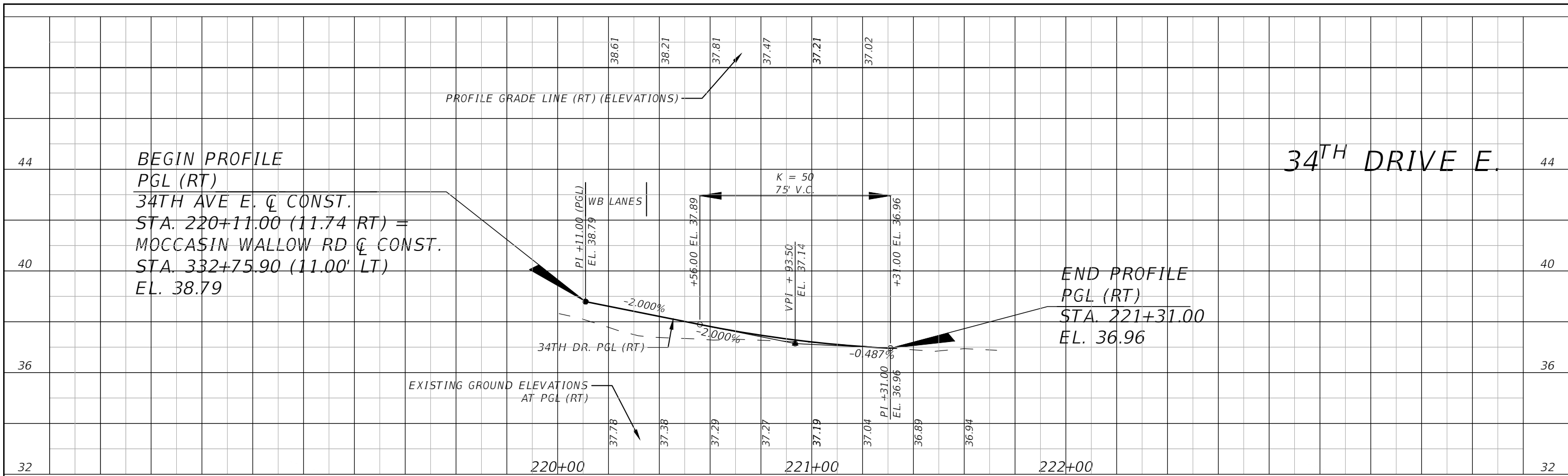
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PROFILE (12)	SHEET NO. 70
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---			MOCCASIN WALLOW RD	6092560			

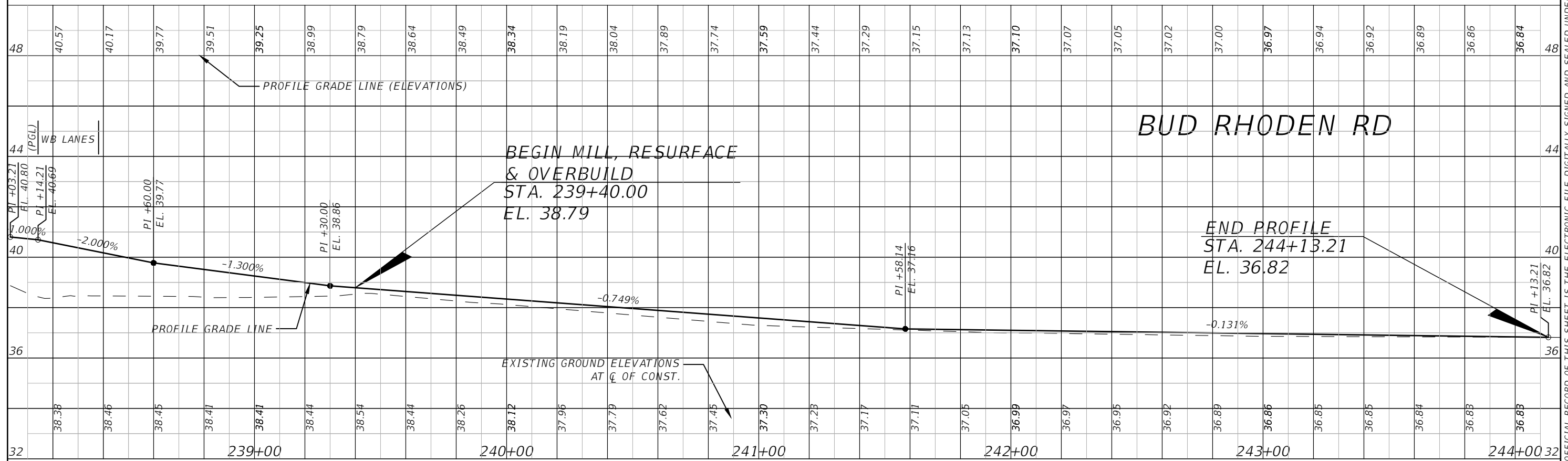
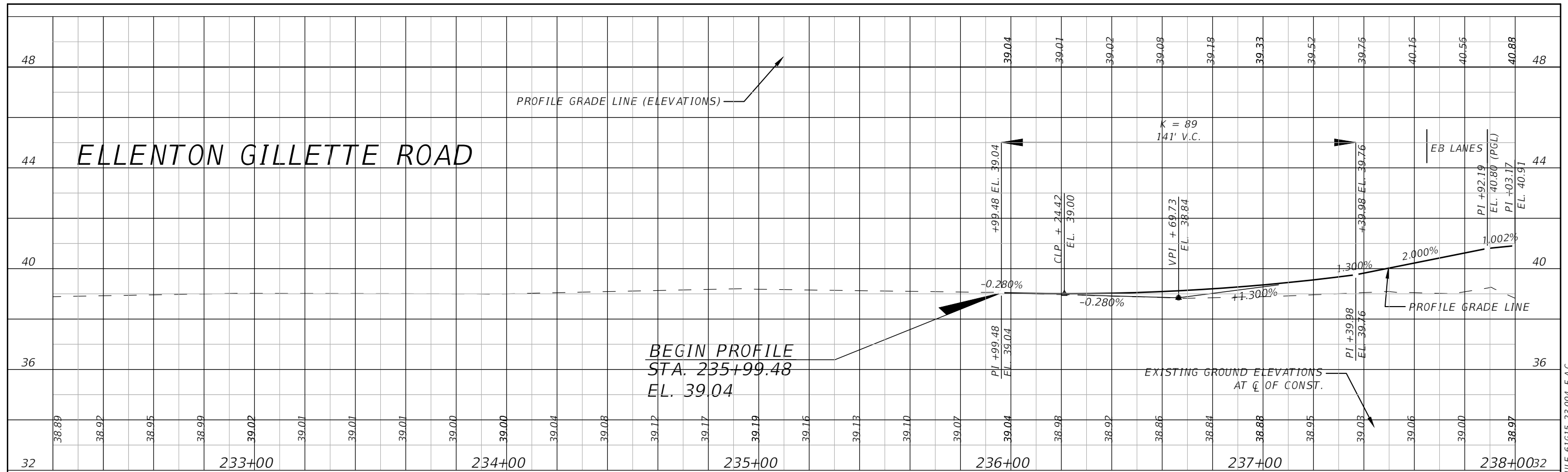
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PROFILE (13)	SHEET NO. 71
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---	MOCCASIN WALLOW RD	6092560			

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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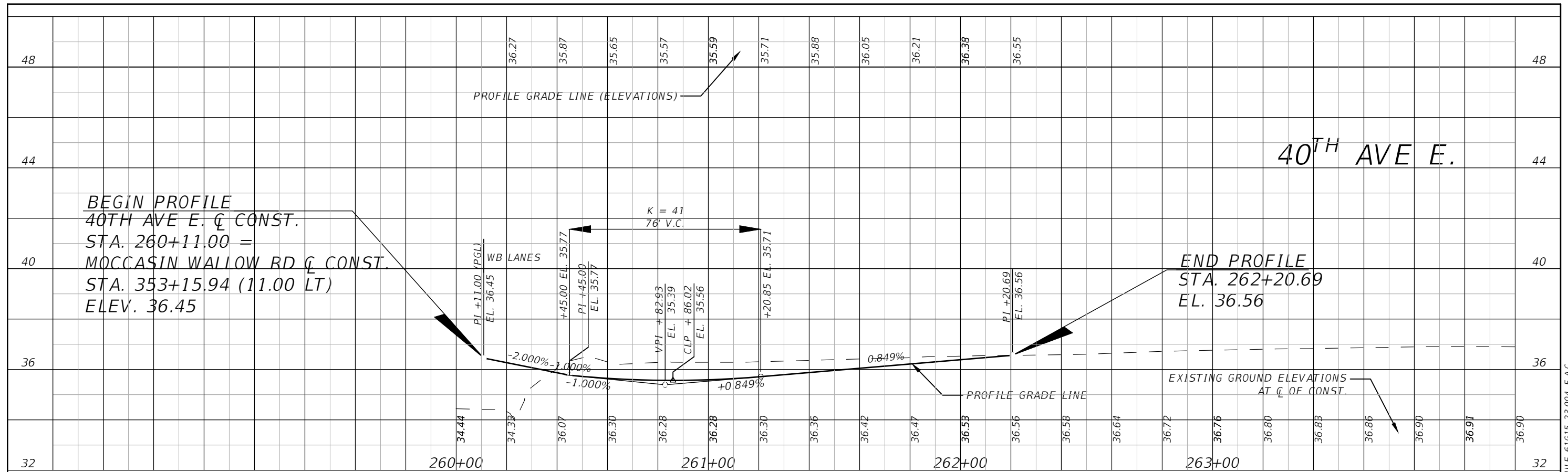
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

PROFILE (14)

SHEET NO.
72

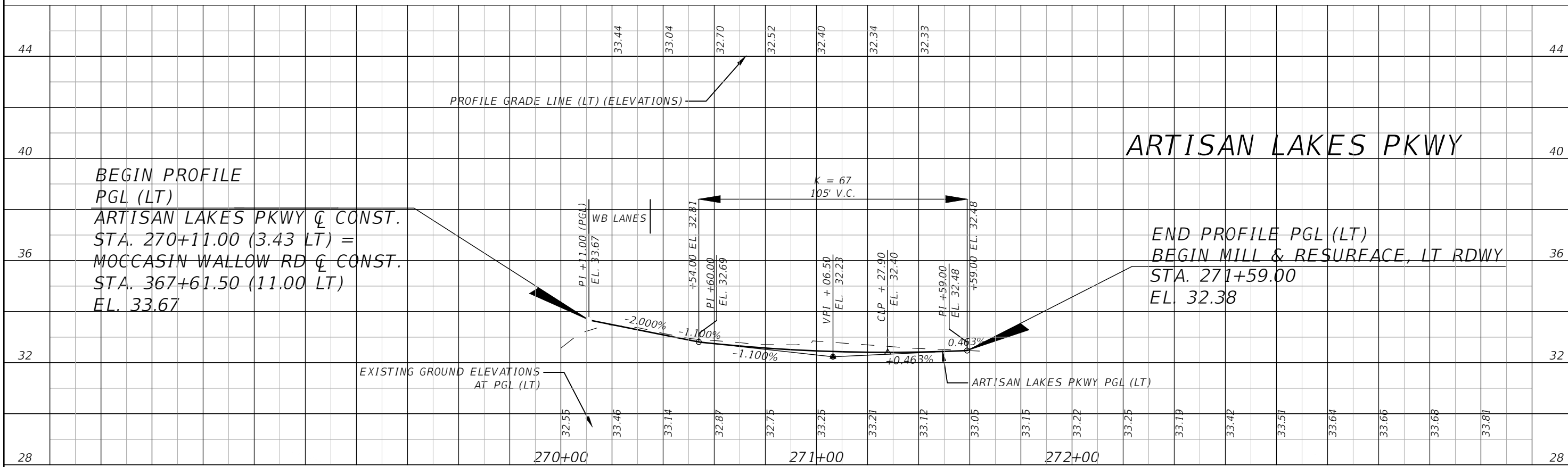
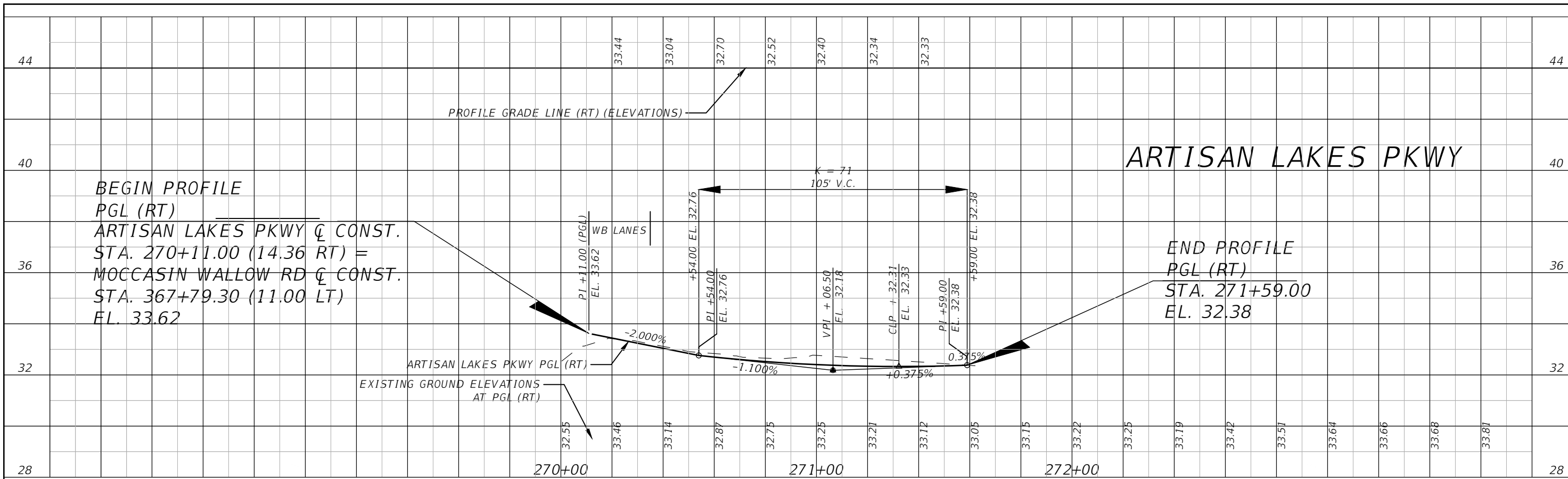
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PROFILE (15)	SHEET NO. 73
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---	MOCCASIN WALLOW RD	6092560			

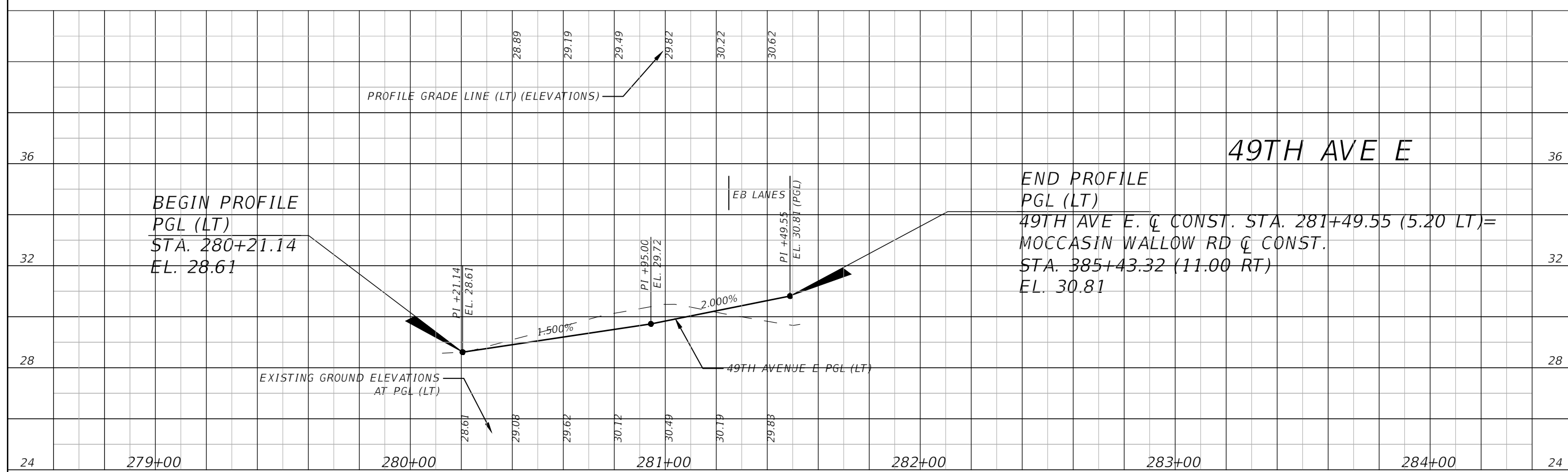
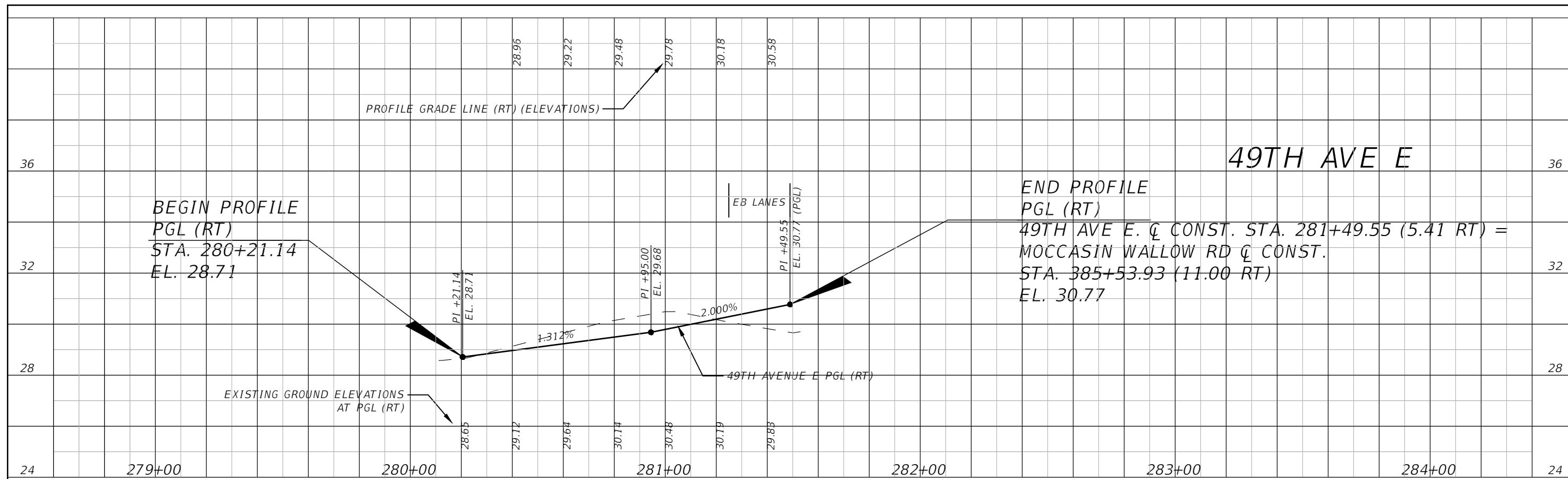
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. 74
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560	
---	---	---	---			PROFILE (16)	

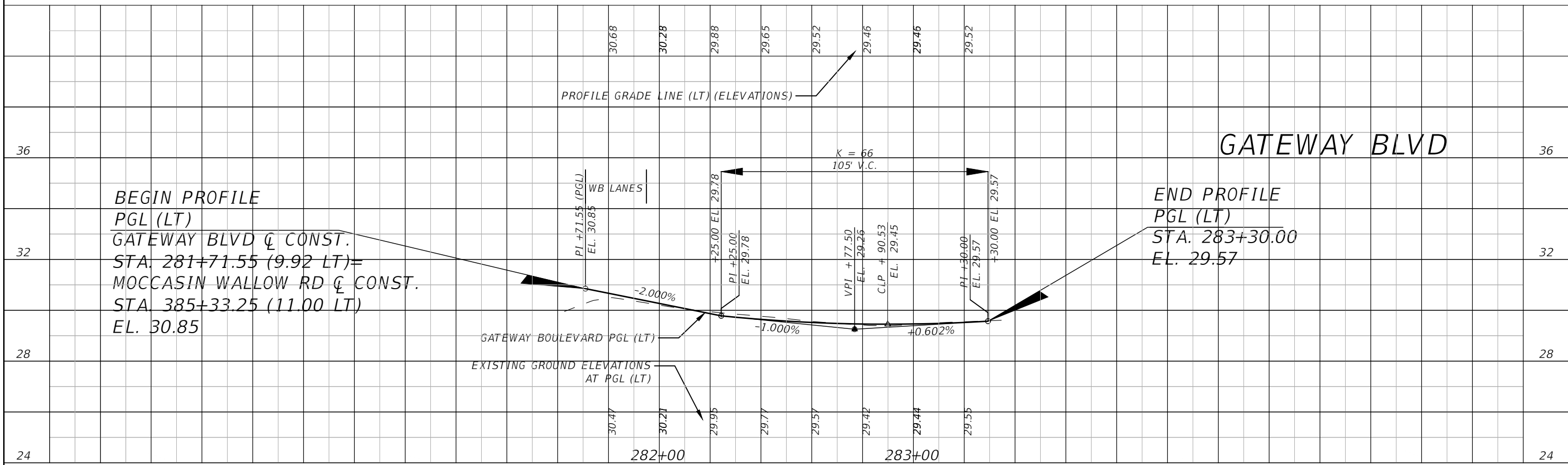
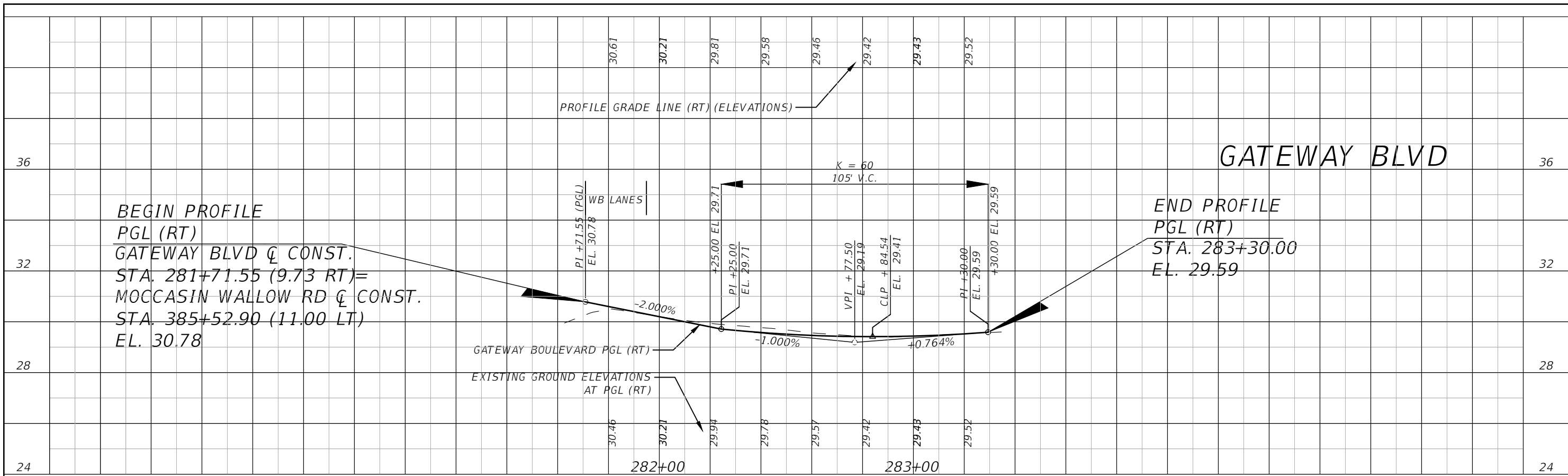
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PROFILE (17)	SHEET NO. 75
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---			MOCCASIN WALLOW RD	6092560			

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



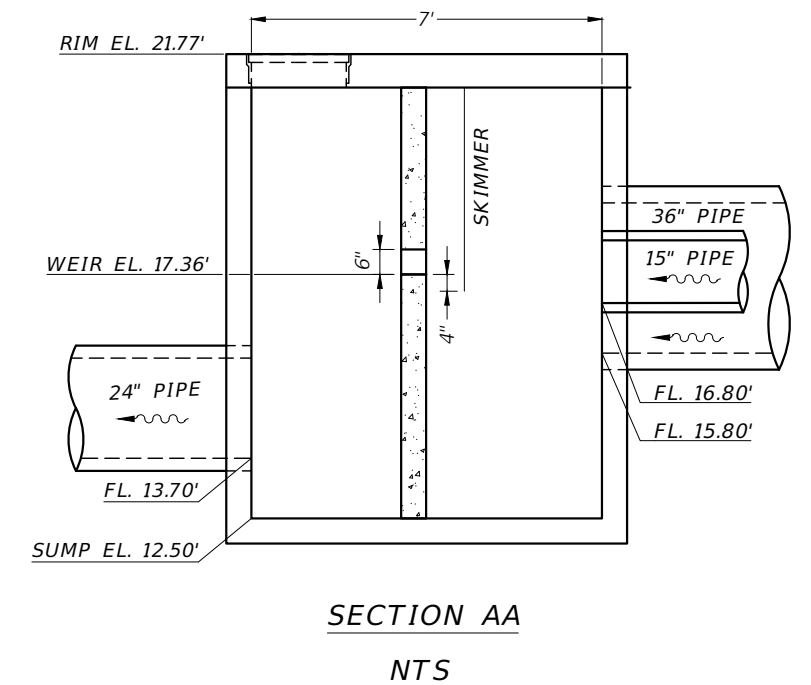
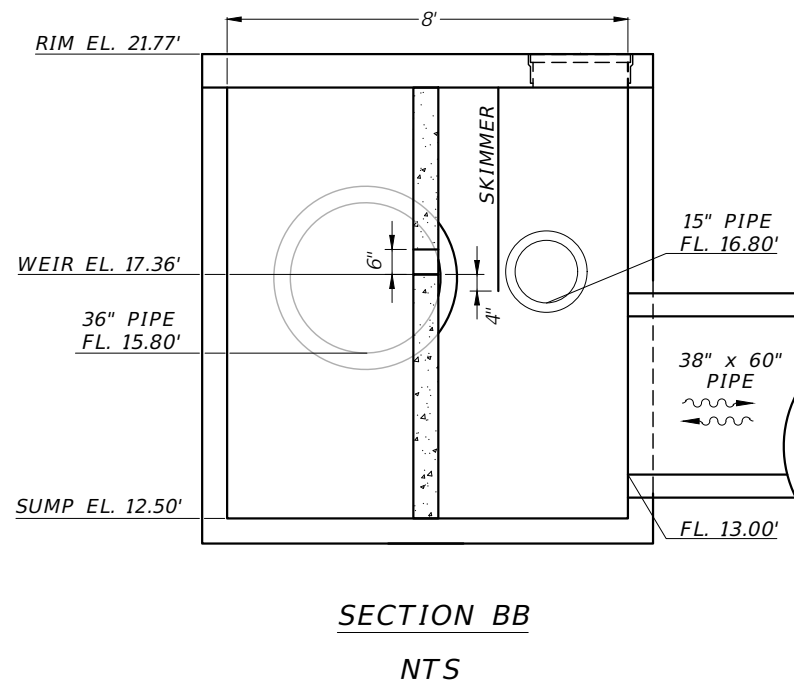
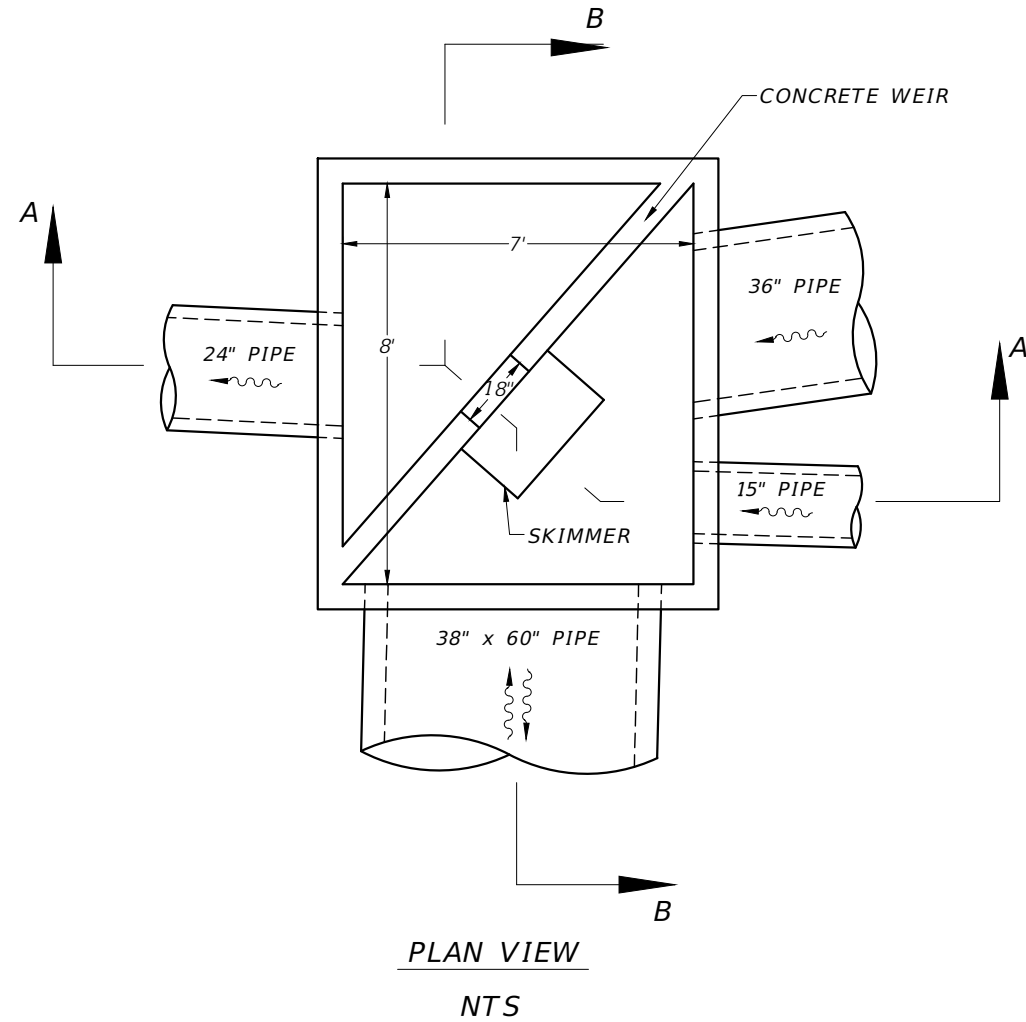
1" = 40' Horizontal
 1" = 4' Vertical

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		PROFILE (18)	SHEET NO. 76
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---	MOCCASIN WALLOW RD	6092560			

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

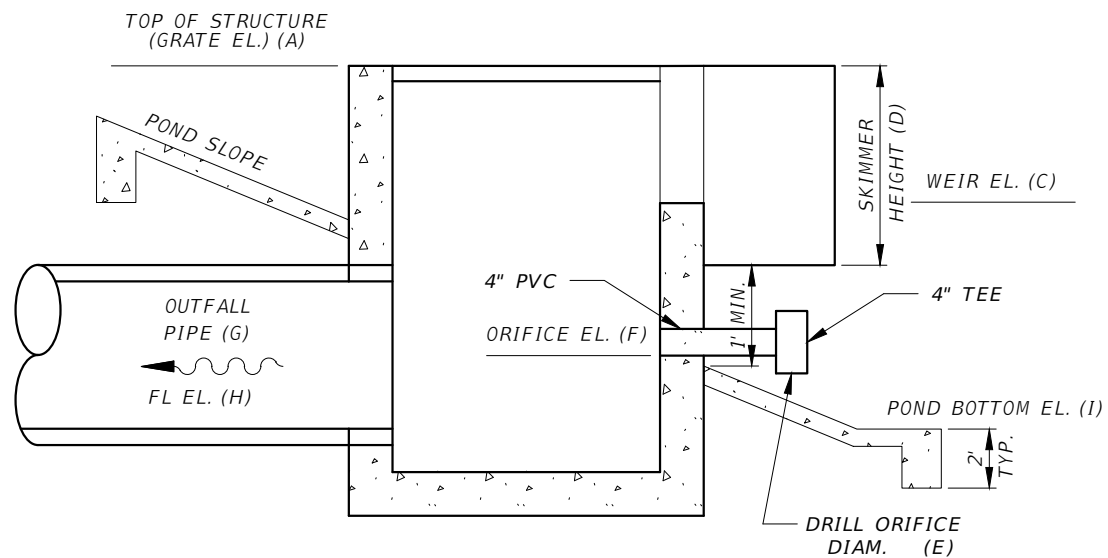
CONTROL STRUCTURE
 STA. 306+17.00 (52.20' RT.)
 MANHOLE J7 (7'x8'), W/ TYPE 3 R&C
 INDEX NO. 425-001, 425-010

(S-15)

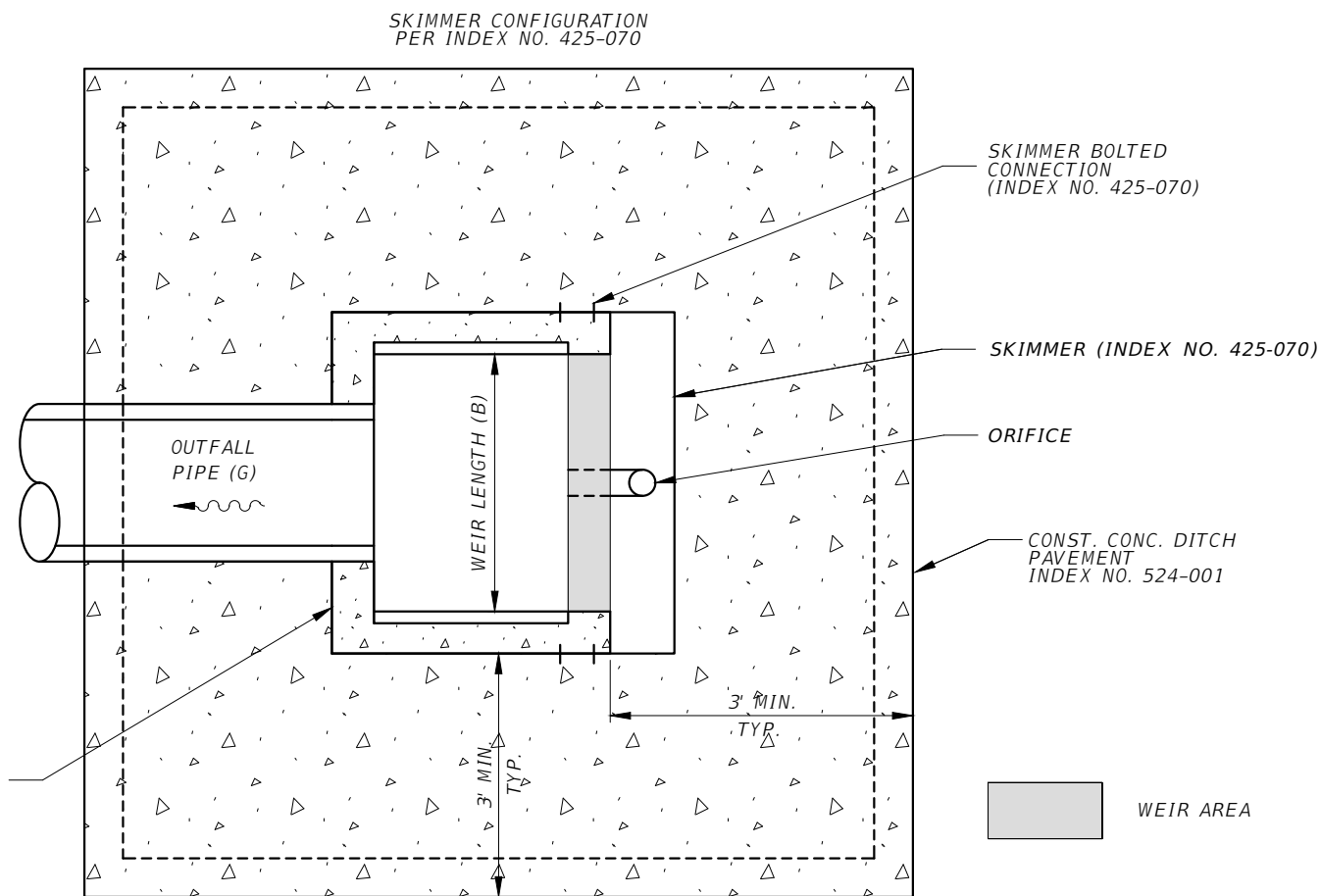


NOTE: ALL COST FOR THE SKIMMER (INCLUDING HARDWARE) AND INSTALLATION IS TO BE INCLUDED IN THE COST OF THE CONTROL STRUCTURES.

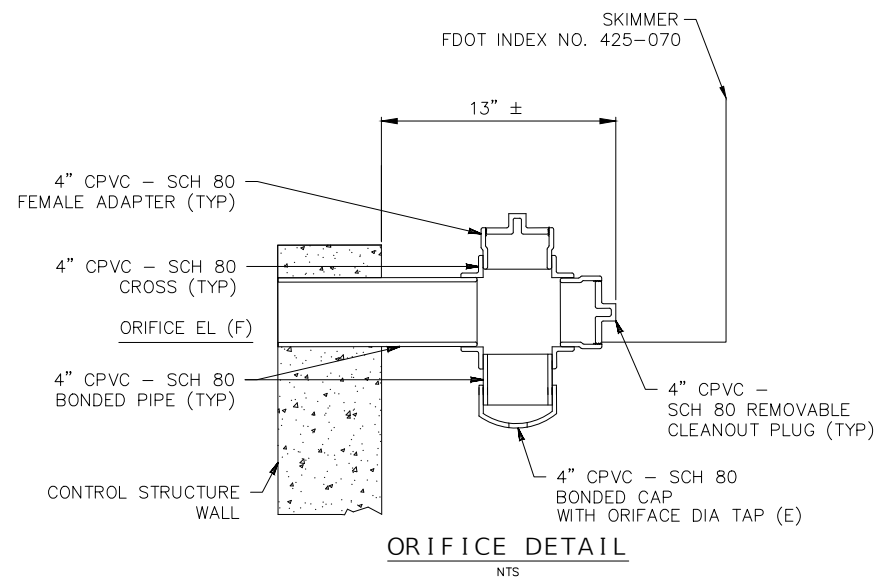
REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		DRAINAGE STRUCTURE DETAILS (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		77
---	---	---	---	MOCCASIN WALLOW RD	6092560			



SIDE VIEW
NTS



PLAN VIEW
NTS



ORIFICE DETAIL
NTS

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

Structure Details (2)												
STR. NO.	POND	STATION/OFFSET	DBI TYPE	TOP EL. (A)	WEIR		SKIMMER HEIGHT (IN.) (D)	ORIFICE		OUTFALL PIPE		POND BOTTOM (I)
					LENGTH (IN.) (B)	EL. (C)		DIA (IN.) (E)	EL. (F)	DIA (IN.) (G)	FL (H)	
S-134	B-3.2	400+13.55/75.06 LT.	D	25.87'	22	23.8	24	-	-	24	20	23
S-137	B-3.4	400+93.50/97.35 RT.	D	25.87'	22	23.8	24	2.49	23	24	20	22
S-203	A-1	503+58.28/225.70 LT.	D	19'	25	17.36	24	2.36	17	18	15.1	14

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

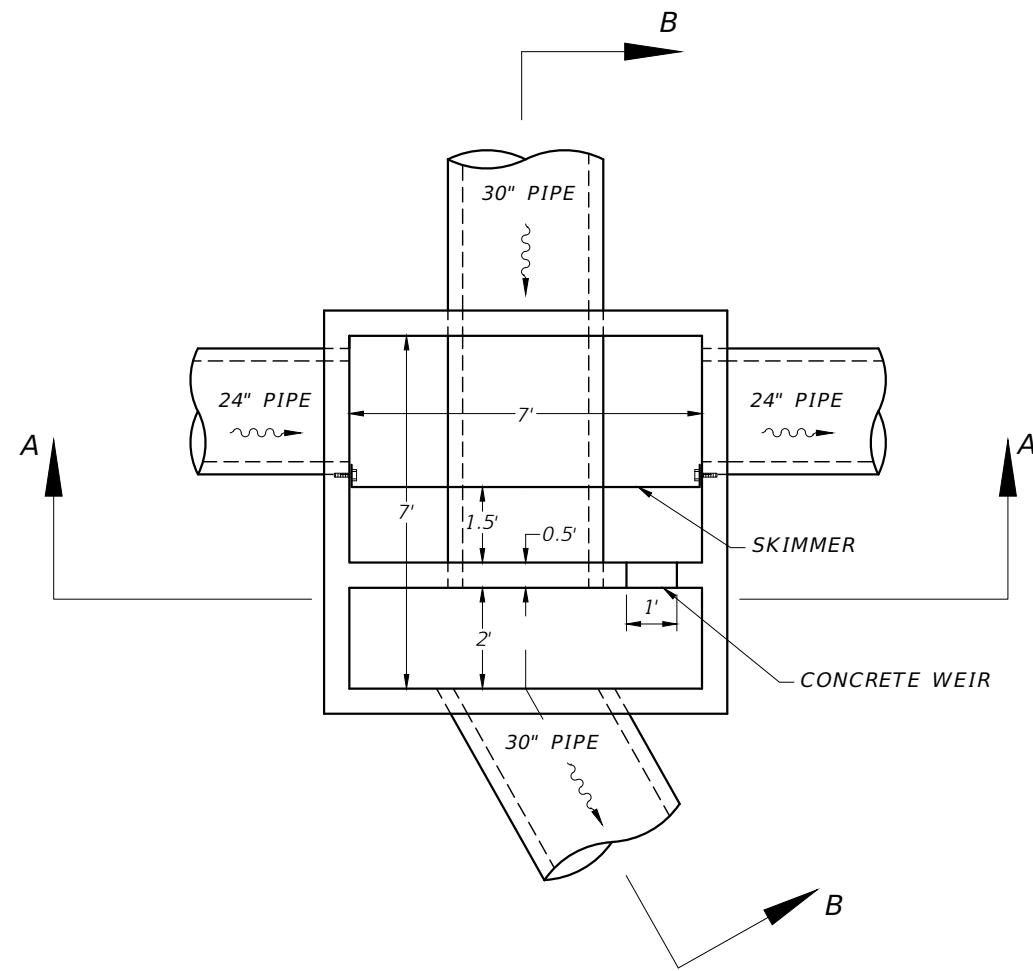
**DRAINAGE STRUCTURE
DETAILS (2)**

SHEET NO.
78

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

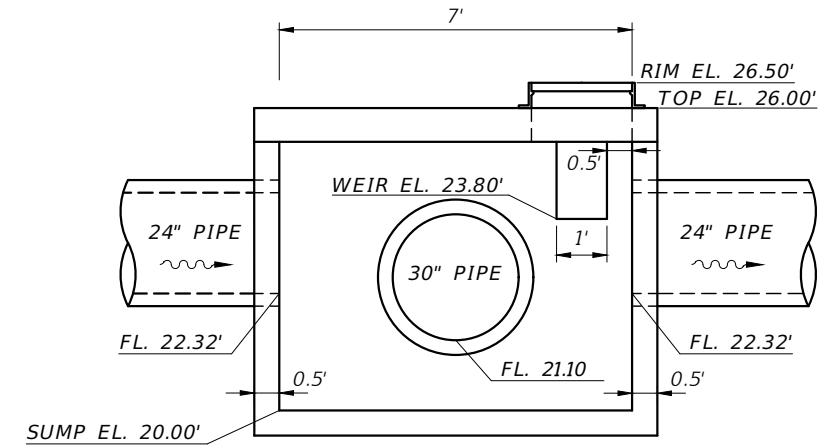
CONTROL STRUCTURE
 STA. 392+80.49 (97.15' RT.)
 MANHOLE J7 (7'x7')
 INDEX NO. 425-001, 425-010

(S-130)

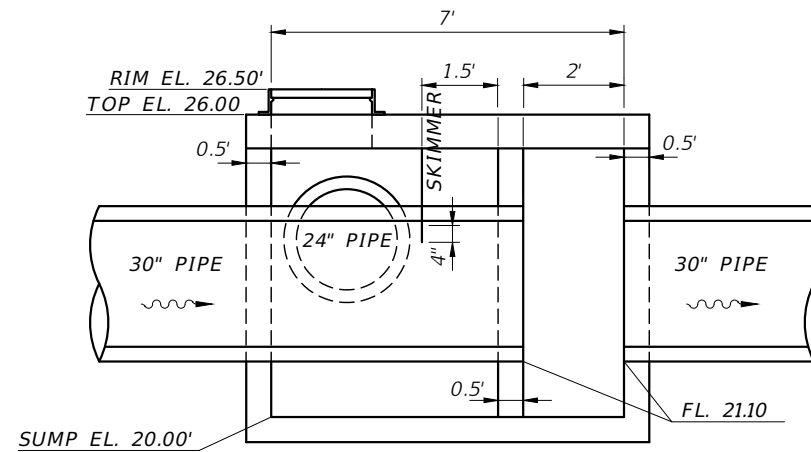


PLAN VIEW
 NTS

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



SECTION AA
 NTS



SECTION BB
 NTS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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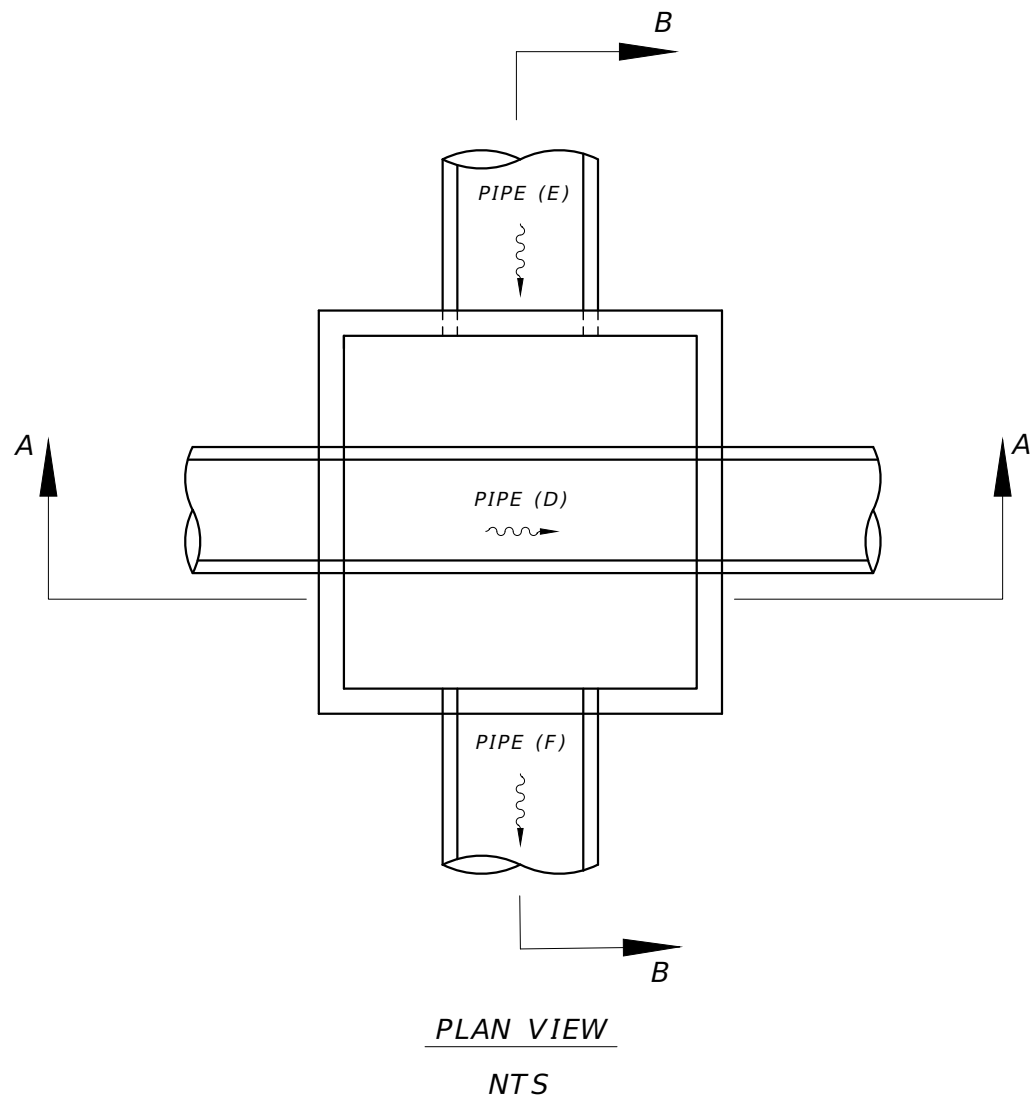
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

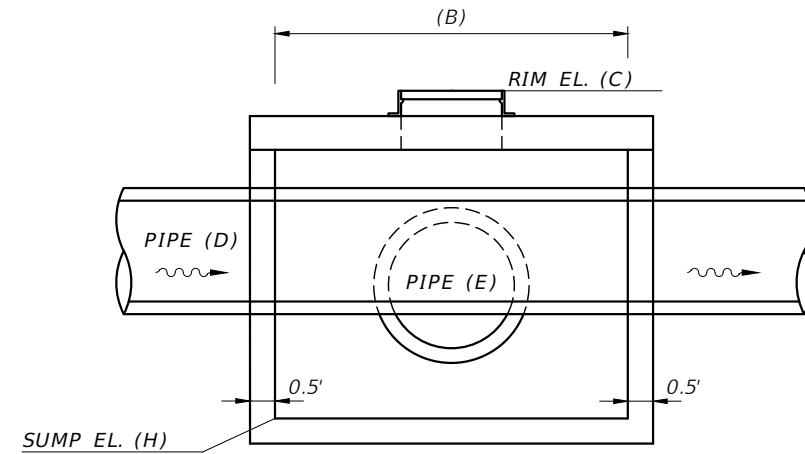
**DRAINAGE STRUCTURE
 DETAILS (3)**

SHEET
 NO.
 79

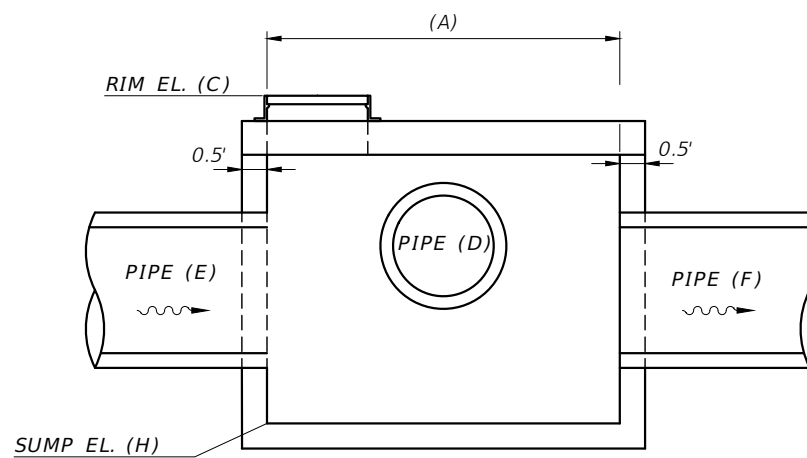
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CONFLICT STRUCTURE
INDEX NO. 425-001, 425-010



SECTION AA
NTS



SECTION BB
NTS

Structure Details											
STR. NO	STATION/OFFSET	MANHOLE			PIPE						SUMP EL. (H)
		TYPE	SIZE (A'XB')	RIM EL. (C)	(D)		(E)		(F)		
					SIZE	FL	SIZE	FL	SIZE	FL	
S-91	352+65.01 / 55.75' RT.	7 (J-BOTTOM)	7'x10'	36.15	36"	27.29	24"	29.70	42"	29.70	25.00
S-97	355+88.48 / 53.41' RT.	8 (J-BOTTOM)	5'x7'	33.88	36"	26.83	24"x38"	29.28	24"x38"	29.28	24.50
S-117	378+90.59 / 54.00' RT.	8 (J-BOTTOM)	6'x6'	32.36	42"	23.13	34"x53"	24.93	34"x53"	23.47	21.00
S-131	392+80.79 / 90.24' RT.	8 (J-BOTTOM)	5'x5'	26.72	24"	22.79	30"	21.68	30"	21.68	19.50

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**DRAINAGE STRUCTURE
DETAILS (4)**

SHEET NO.
80

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

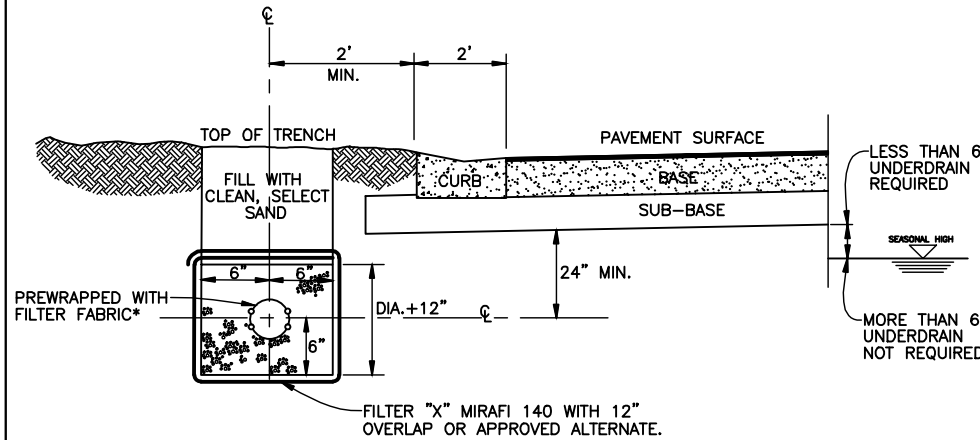
UNDERDRAIN

1. CORRUGATED POLYETHYLENE TUBING

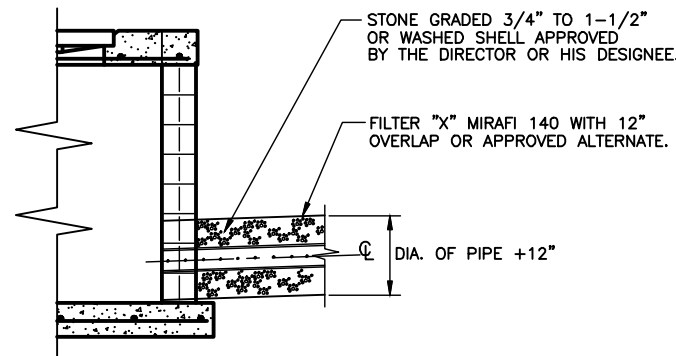
CORRUGATED POLYETHYLENE TUBING WITH A FILTER FABRIC WRAP, UNLESS OTHERWISE NOTED, MAY BE USED FOR UNDERDRAIN APPLICATIONS ASSOCIATED WITH ROADWAY CONSTRUCTION PROVIDING THE FOLLOWING SPECIFICATIONS ARE MET:

- A) THE CORRUGATED POLYETHYLENE TUBING SHALL MEET THE REQUIREMENTS OF ASTM F-405.
- B) THE CORRUGATED POLYETHYLENE TUBING SHALL HAVE A FILTER FABRIC SOCK MEETING F.D.O.T. SPEC. 948-3, LATEST REVISION. IF PERFORATIONS IN PIPE ARE LESS THAN 3/4", THEN FILTER FABRIC SOCK MAY BE OMITTED.
- C) THE ENVELOPE MATERIAL SURROUNDING THE TUBING SHALL BE CRUSHED STONE OR WASHED SHELL. THE THICKNESS OF THE ENVELOPE MATERIAL SHALL BE EQUAL TO OR GREATER THAN THE DIAMETER OF THE TUBING, PLUS 12".
- D) CORRUGATED POLYETHYLENE TUBING SHALL NOT BE ACCEPTABLE UNDER ROADWAYS.
- E) EXTRA CARE SHALL BE TAKEN DURING PLACEMENT TO MAINTAIN PROPER LINE AND GRADE, TO BE PLACED W/ SLOPE OF ROAD.
- F) A CLEAN-OUT SHALL BE CONSTRUCTED AT THE END OF EACH RUN OF UNDERDRAIN. MAXIMUM SPACING EVERY 100 FEET.
- G) SOD 3' AROUND 18" CONC. SQUARE.

*NOTE: TRANSPORTATION DIRECTOR OR HIS DESIGNEE'S APPROVAL IS REQUIRED FOR THE USE OF FLEXIBLE UNDERDRAIN PIPE.



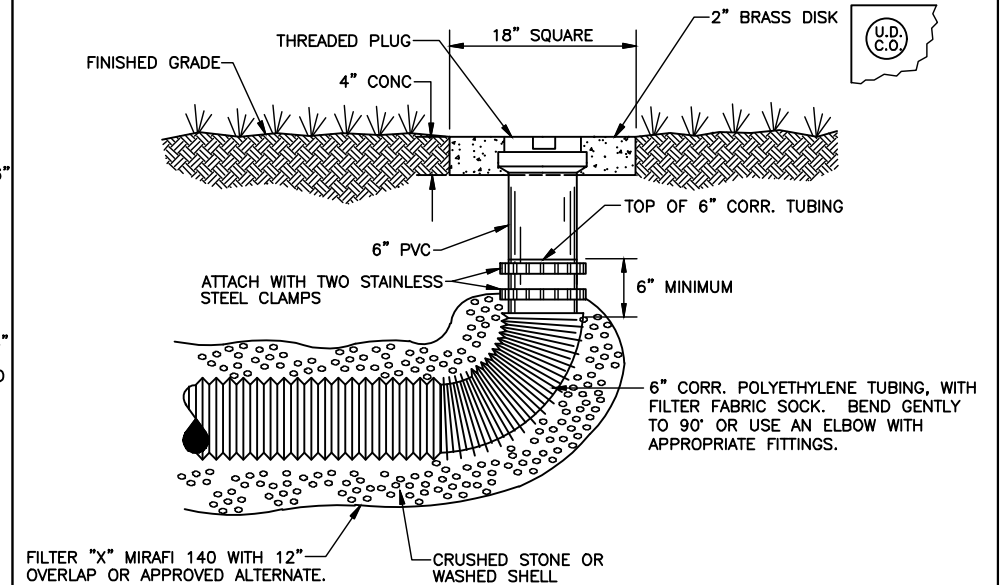
UNDERDRAIN PLACEMENT



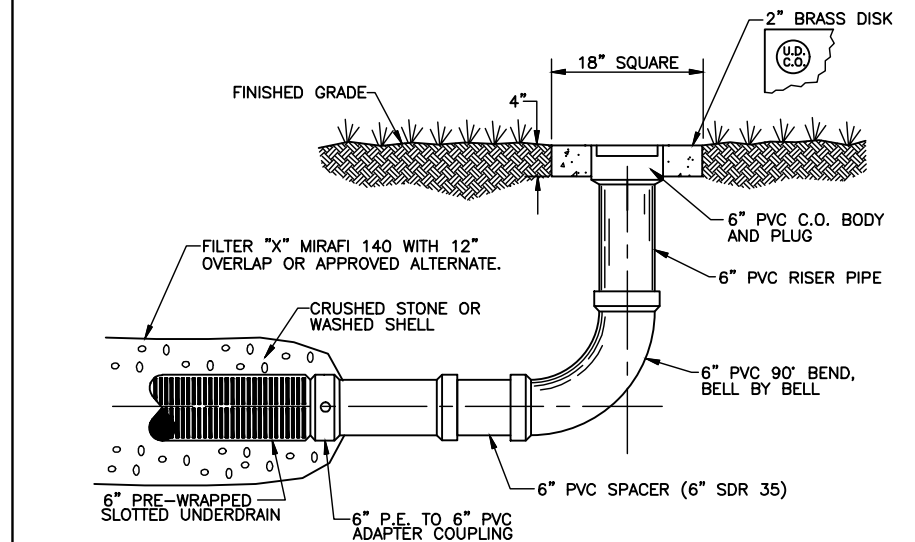
UNDERDRAIN TIE TO INLET

- A) LOCATION OR NEED FOR UNDERDRAIN TO BE APPROVED BY THE DIRECTOR OR HIS DESIGNEE.
- B) UNDERDRAIN SHALL BE AS SPECIFIED IN SECTION 440 OF FLORIDA DEPT. OF TRANSPORTATION SPEC. (2000 OR LATEST REVISION).
- C) 6" TO 8" PERFORATED PIPE AS REQUIRED.
- D) BACKFILL WITH CLEAN, SELECT SAND TO LINES SHOWN ON PLANS.

* IF PIPE PERFORATIONS ARE SMALLER THAN 3/4", THEN FILTER FABRIC SOCK MAY OMITTED.



UNDERDRAIN CLEAN-OUT DETAIL CORRUGATED POLYETHYLENE TUBING



UNDERDRAIN CLEAN-OUT DETAIL - RIGID

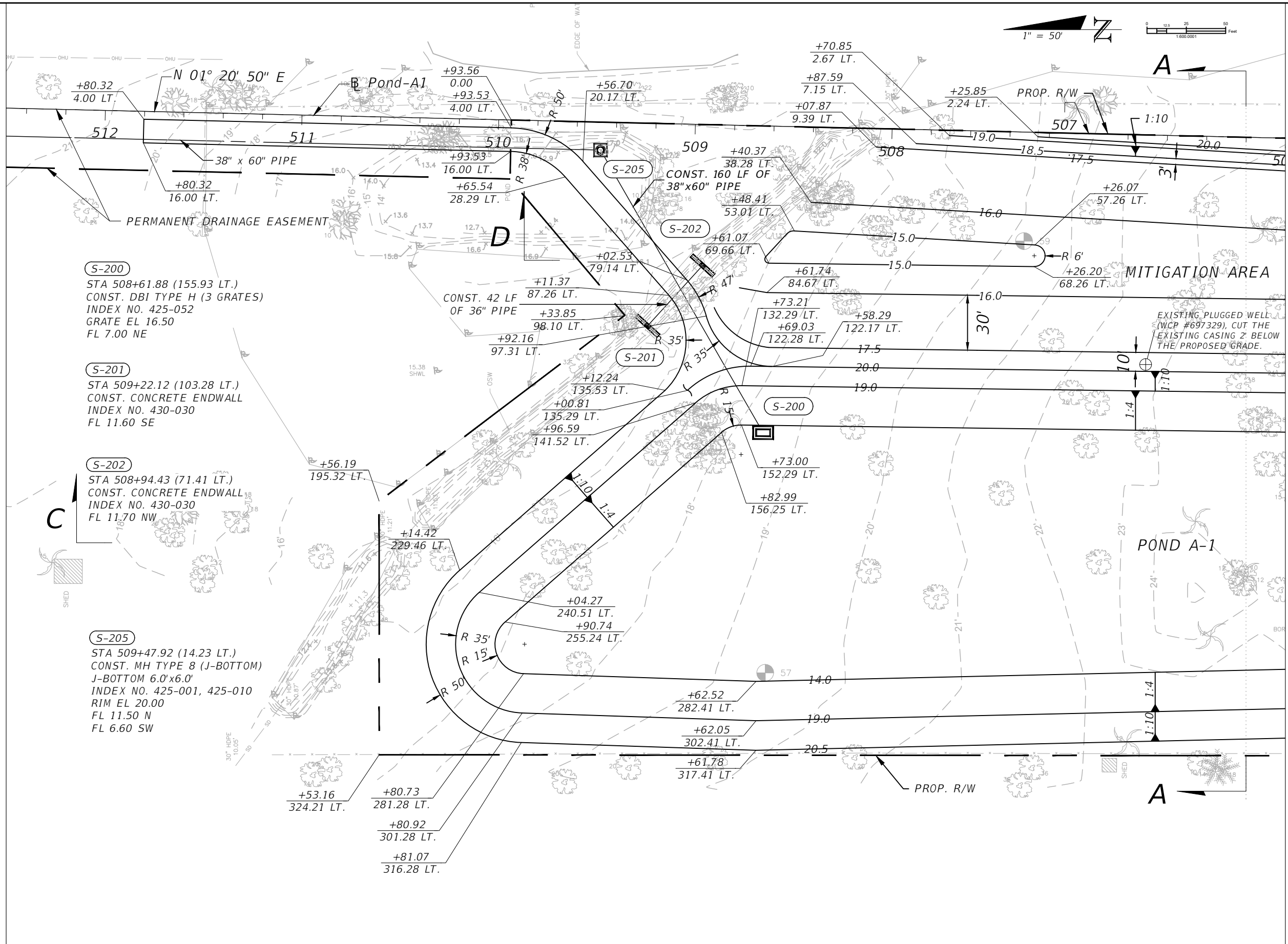
* MAXIMUM SPACING EVERY 100 FEET.

MANATEE COUNTY TRANSPORTATION DEPARTMENT		UNDERDRAIN GENERAL NOTES 204.0	MANATEE COUNTY TRANSPORTATION DEPARTMENT		TYPICAL UNDERDRAIN LAYOUT 204.1	MANATEE COUNTY TRANSPORTATION DEPARTMENT		UNDERDRAIN CLEAN-OUTS (FLEXIBLE & RIGID) 204.2
REV. BY	DATE		REV. BY	DATE		REV. BY	DATE	
	6/12/07		6/12/07		6/12/07			
	DATE OF B.O.C.C. APPROVAL		DATE OF B.O.C.C. APPROVAL		DATE OF B.O.C.C. APPROVAL			

REVISIONS DATE DESCRIPTION DATE DESCRIPTION				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY ROAD NO. PROJECT ID		DRAINAGE STRUCTURE DETAILS (5)	SHEET NO. 81
					MOCCASIN WALLOW RD 6092560			

MATCHLINE STA - 512+50.00 - SEE PLAN (3)

MATCHLINE STA. - 506+00



S-200
 STA 508+61.88 (155.93 LT.)
 CONST. DBI TYPE H (3 GRATES)
 INDEX NO. 425-052
 GRATE EL 16.50
 FL 7.00 NE

S-201
 STA 509+22.12 (103.28 LT.)
 CONST. CONCRETE ENDWALL
 INDEX NO. 430-030
 FL 11.60 SE

S-202
 STA 508+94.43 (71.41 LT.)
 CONST. CONCRETE ENDWALL
 INDEX NO. 430-030
 FL 11.70 NW

S-205
 STA 509+47.92 (14.23 LT.)
 CONST. MH TYPE 8 (J-BOTTOM)
 J-BOTTOM 6.0'x6.0'
 INDEX NO. 425-001, 425-010
 RIM EL 20.00
 FL 11.50 N
 FL 6.60 SW

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

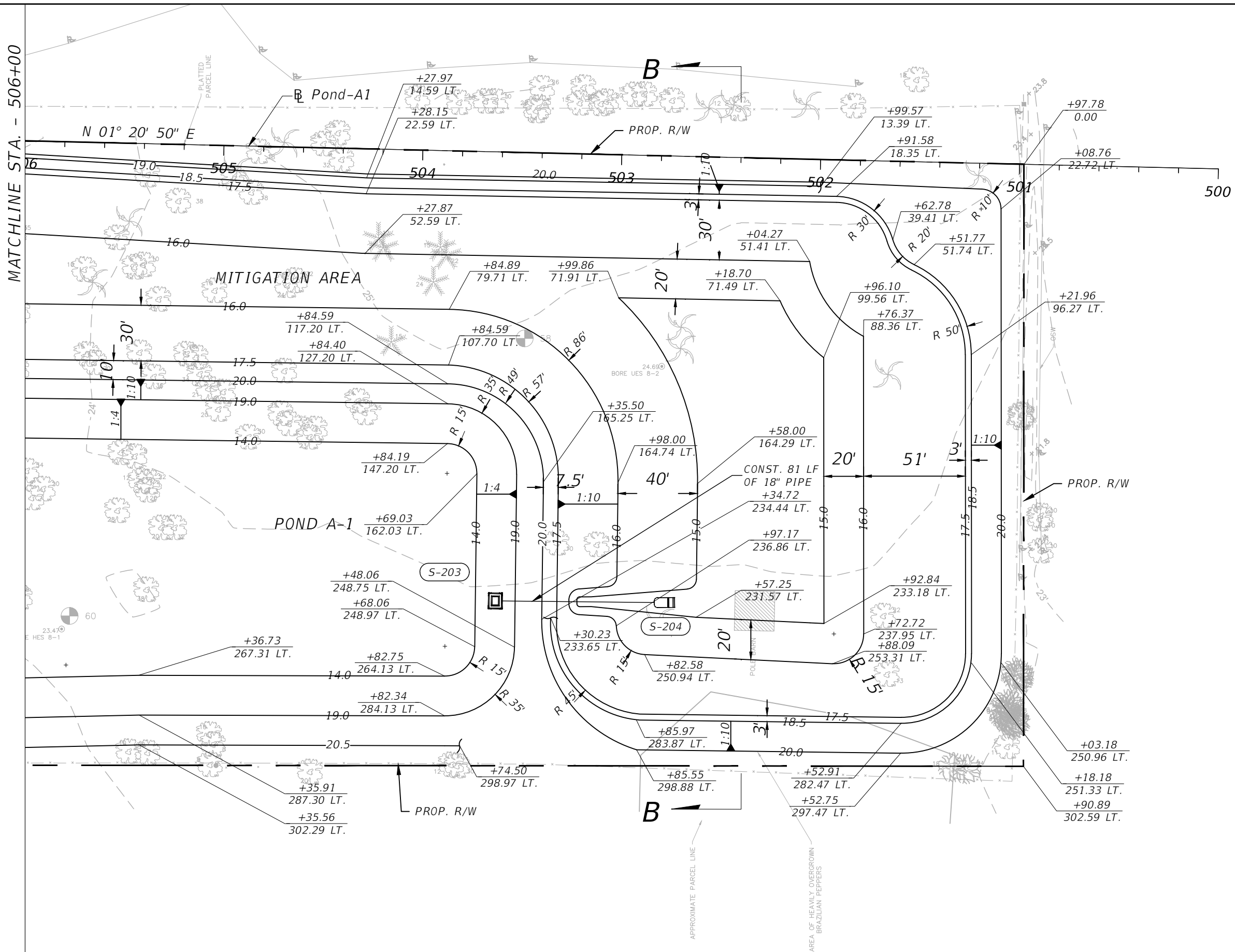
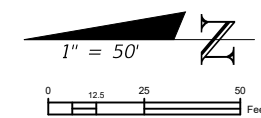
HAMID R. FARAJI, P.E.
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MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**POND AND MITIGATION AREA
 DETAIL SHEET (1)**

SHEET
 NO.
 82

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- (S-203)
STA 503+58.28 (225.70 LT.)
CONST. DBI TYPE D
INDEX NO. 425-052
GRATE EL 19.00
FL 15.10 S
- (S-204)
STA 502+76.06 (224.62 LT.)
CONST. MES 1:4
INDEX NO. 430-022
FL 15.00 N

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

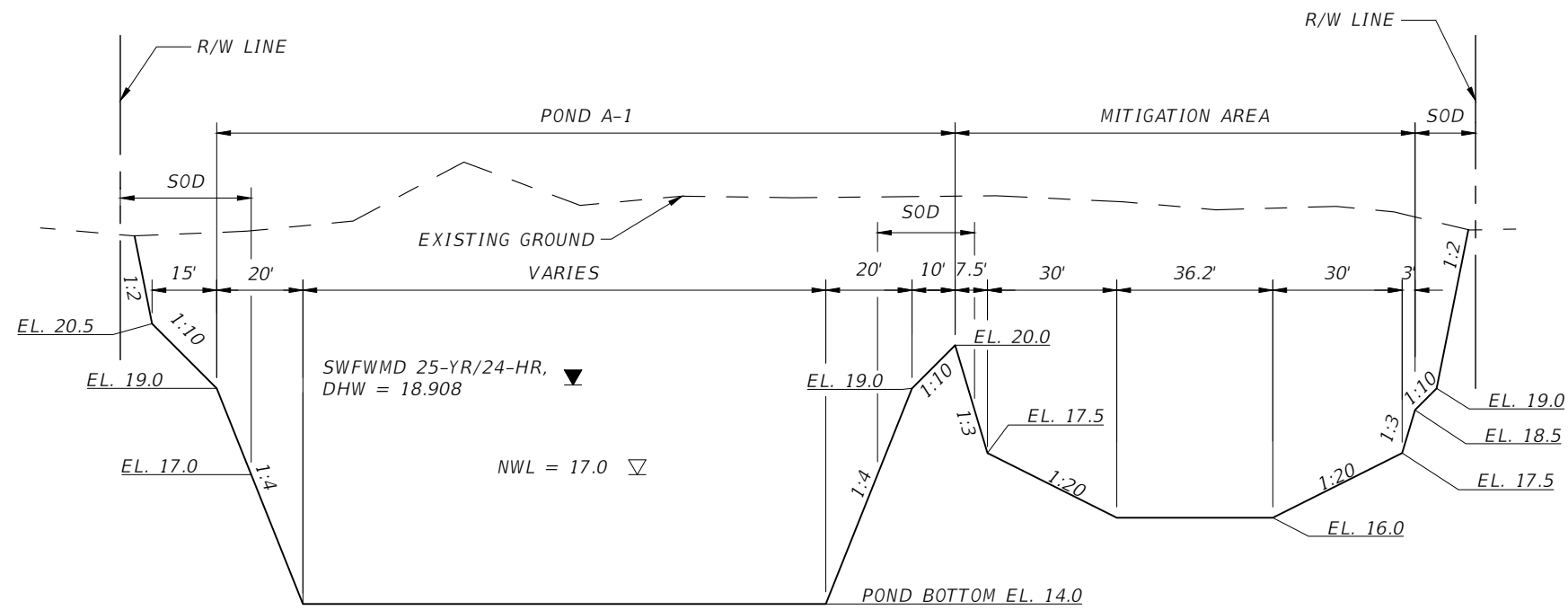
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

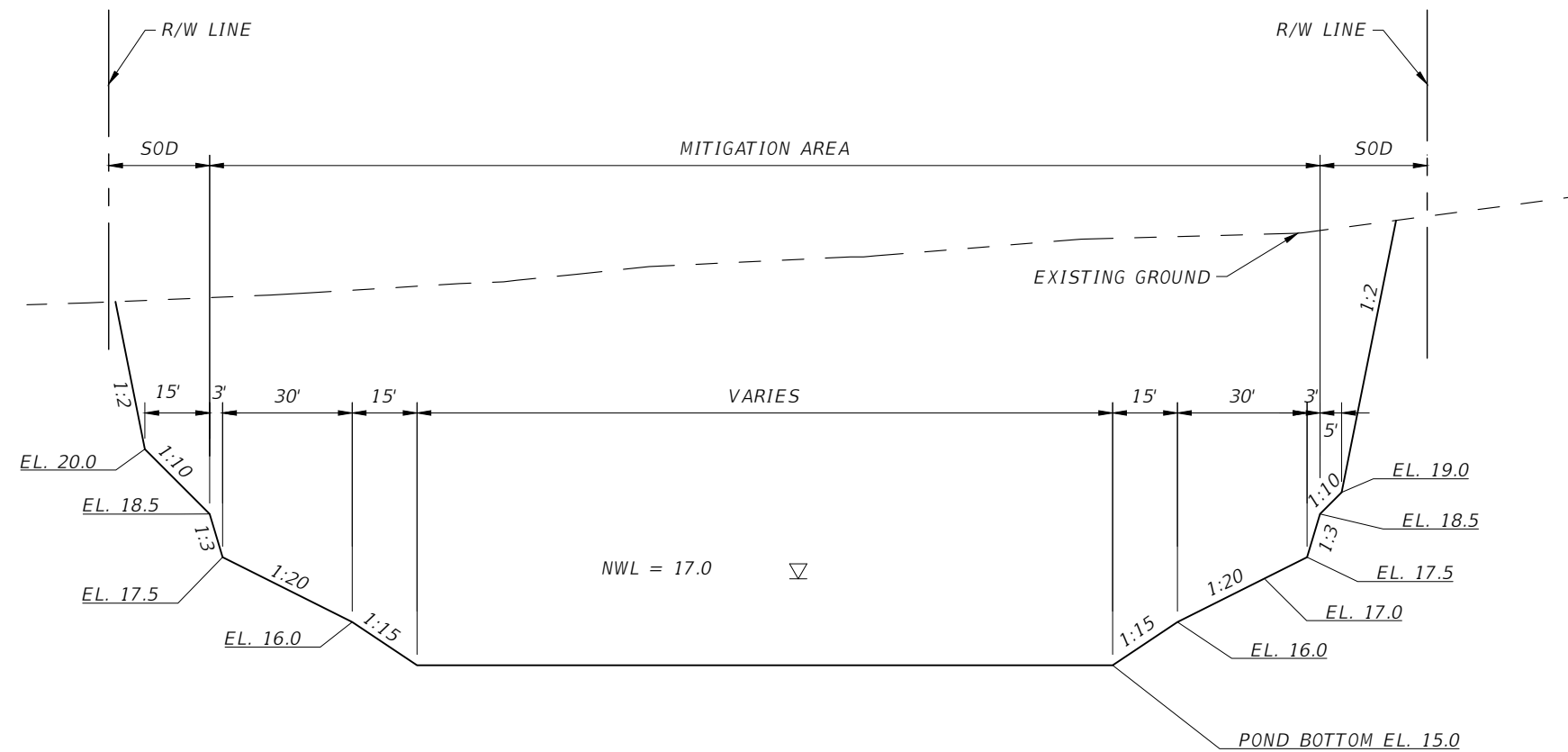
**POND AND MITIGATION AREA
DETAIL SHEET (2)**

SHEET NO.
83

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

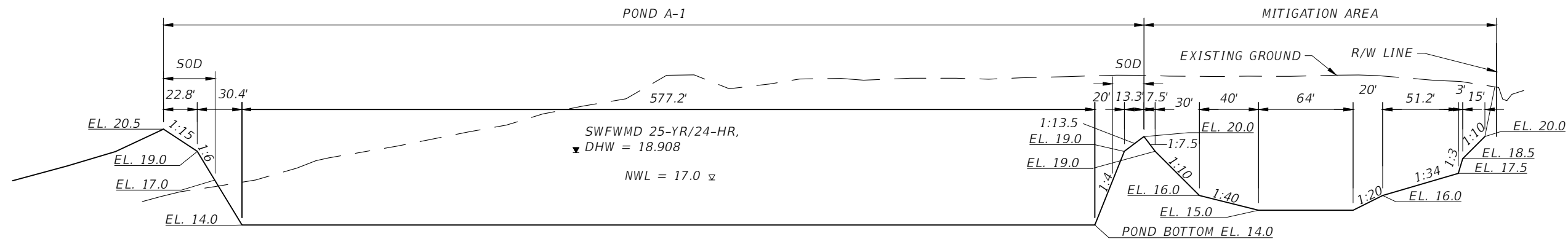


SECTION A-A
NTS

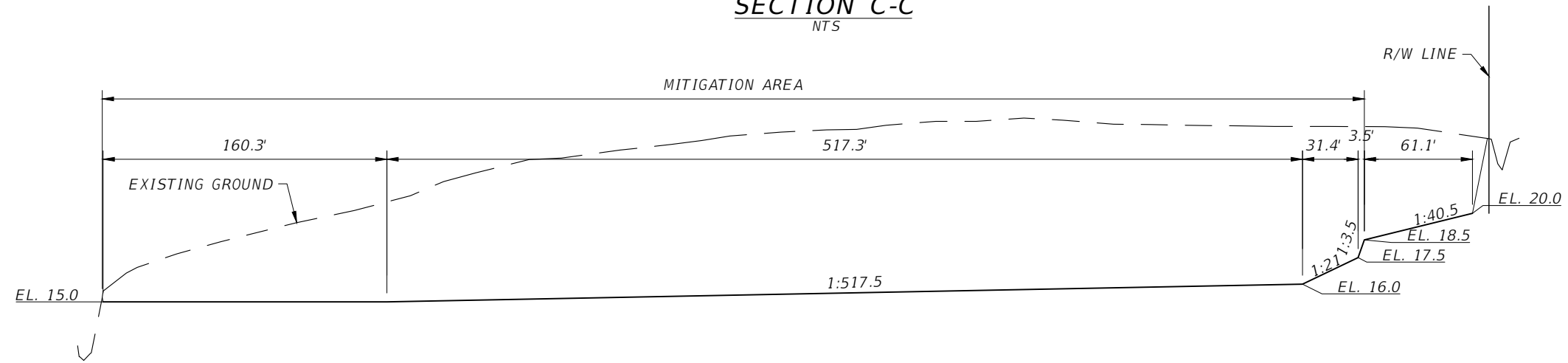


SECTION B-B
NTS

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		POND AND MITIGATION AREA DETAIL SHEET (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		84



SECTION C-C
NTS



SECTION D-D
NTS

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		POND AND MITIGATION AREA DETAIL SHEET (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
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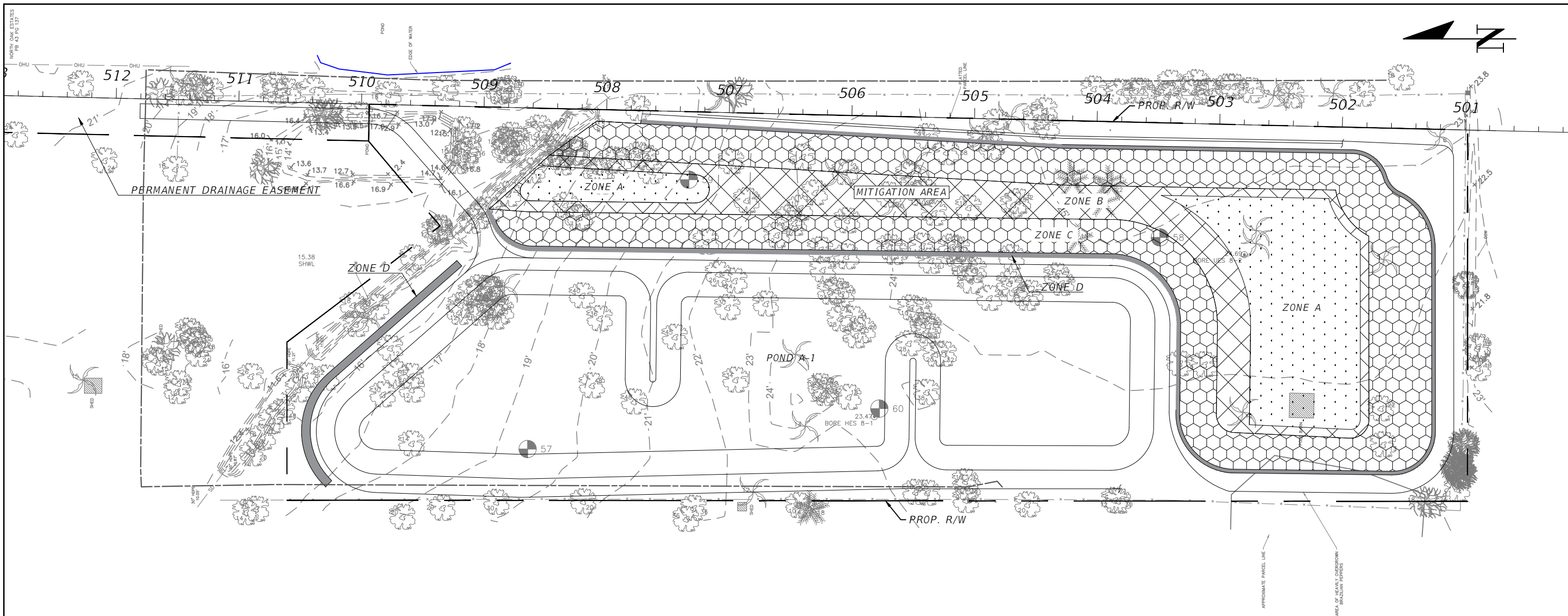


Table 2. Planting Plan for Wetland Creation Area

Wetland Type	Zone	Area (Acres)	Area (Square Feet)	Elevation	Stratum	Zone %	Scientific Name	Common Name	Size	Spacing On-Center (Feet)	Quantity
Herbaceous Wetland Creation	Zone A Palustrine Emergent Area	0.501	21,824	15.0'	Herbaceous	25%	<i>Schoenoplectus tabernaemontani</i>	softstem bulrush	2 inch	3	606
						25%	<i>Pontederia cordata</i>	pickerelweed	2 inch	3	606
						25%	<i>Eleocharis interstincta</i>	knotted spikerush	2 inch	3	606
						25%	<i>Sagittaria lancifolia</i>	arrowhead	2 inch	3	606
Forested Wetland Creation	Zone B Palustrine Forested Low Marsh Area	0.546	23,784	15.0' to 16.0'	Herbaceous	25%	<i>Schoenoplectus tabernaemontani</i>	softstem bulrush	2 inch	3	661
						25%	<i>Pontederia cordata</i>	pickerelweed	2 inch	3	661
						25%	<i>Eleocharis interstincta</i>	knotted spikerush	2 inch	3	661
						25%	<i>Sagittaria lancifolia</i>	arrowhead	2 inch	3	661
					Shrub	100%	<i>Cephalanthus occidentalis</i>	common buttonbush	1 gallon	5	951
						Canopy	25%	<i>Fraxinus caroliniana</i>	pop ash	3 gallon	10
											75%

Table 2. Planting Plan for Wetland Creation Area

Wetland Type	Zone	Area (Acres)	Area (Square Feet)	Elevation	Stratum	Zone %	Scientific Name	Common Name	Size	Spacing On-Center (Feet)	Quantity
Forested Wetland Creation	Zone C Palustrine Forested High Marsh Area	1.3	56,628	16.0' to 17.5'	Herbaceous	75%	<i>Juncus effusus</i>	soft rush	2 inch	3	4,719
						25%	<i>Spartina bakeri</i>	sand cordgrass	4 inch	5	566
					Canopy	100%	<i>Lyonia lucida</i>	fetterbush	1 gallon	5	2,265
						50%	<i>Taxodium ascendens</i>	pond cypress	3 gallon	10	283
						30%	<i>Acer rubrum</i>	red maple	3 gallon	10	170
						10%	<i>Celtis laevigata</i>	hackberry	3 gallon	10	57
						10%	<i>Quercus laurifolia</i>	laurel oak	3 gallon	10	57
	Zone D Palustrine Forested Transitional Area	0.221	9,627	17.5' to 18.5'	Herbaceous	100%	<i>Spartina bakeri</i>	sand cordgrass	4 inch	5	385
						100%	<i>Morrelia cerifera</i>	wax myrtle	1 gallon	5	385
					Canopy	50%	<i>Acer rubrum</i>	red maple	3 gallon	10	48
50%						<i>Quercus laurifolia</i>	laurel oak	3 gallon	10	48	

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
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 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY
 ROAD NO. PROJECT ID
 MOCCASIN WALLOW RD 6092560

MITIGATION PLANTING PLAN

SHEET NO.
 86

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

DATE OF SURVEY : AUGUST 2018
 SURVEY MADE BY : UNIVERSAL ENGINEERING SCIENCES
 SUBMITTED BY : ROBERT GOMEZ, PE

MATERIALS AND RESEARCH

DISTRICT : -
 ROAD NO : 683
 COUNTY : MANATEE

FINANCIAL PROJECT ID : 6092560
 PROJECT NAME : MOCCASSIN WALLOW ROAD IMPROVEMENTS FROM US 41 TO WEST OF I-75 (GILLETE AVENUE)

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA : 13+09.51 SURVEY ENDS STA : 112+70.49

REFERENCE : -

STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS (%)					ATTERBERG LIMITS (%)			DESCRIPTION	CORROSION TEST RESULTS						
	NO. OF TEST	% ORGANIC	NO. OF TESTS	MOISTURE CONTENT	NO. OF TEST	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT		PLASTIC INDEX	AASHTO GROUP	NO. OF TESTS	RESISTIVITY OHM-CM	CHLORIDE PPM	SULFATES PPM	PH
1	--	--	8	8-24	8	--	--	--	--	2-5	--	--	--	A-3	LIGHT BROWN / TAN / YELLOWISH BROWN / LIGHT TO DARK GRAY FINE SAND	--	--	--	--	--
2	--	--	3	11-20	3	--	--	--	--	5-7	--	--	--	A-3	LIGHT BROWN TO DARK BROWN / GRAY / ORANGE FINE SAND WITH SILT	--	--	--	--	--
3	--	--	2	11-12	2	--	--	--	--	9-10	--	--	--	A-3	YELLOWISH BROWN TO GRAYISH BROWN TO BROWN FINE SAND WITH CLAY	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--	--	--	--	--	A-2-4	TAN TO YELLOWISH BROWN SILTY SAND	--	--	--	--	--
5	--	--	6	14-21	6	--	--	--	--	17-35	--	--	--	A-2-6/ A-2-7	BROWN / GRAY TO YELLOWISH BROWN / WHITE CLAYEY SAND	--	--	--	--	--
6	--	--	--	--	--	--	--	--	--	--	--	--	--	A-6	DARK GRAY SANDY CLAY	--	--	--	--	--

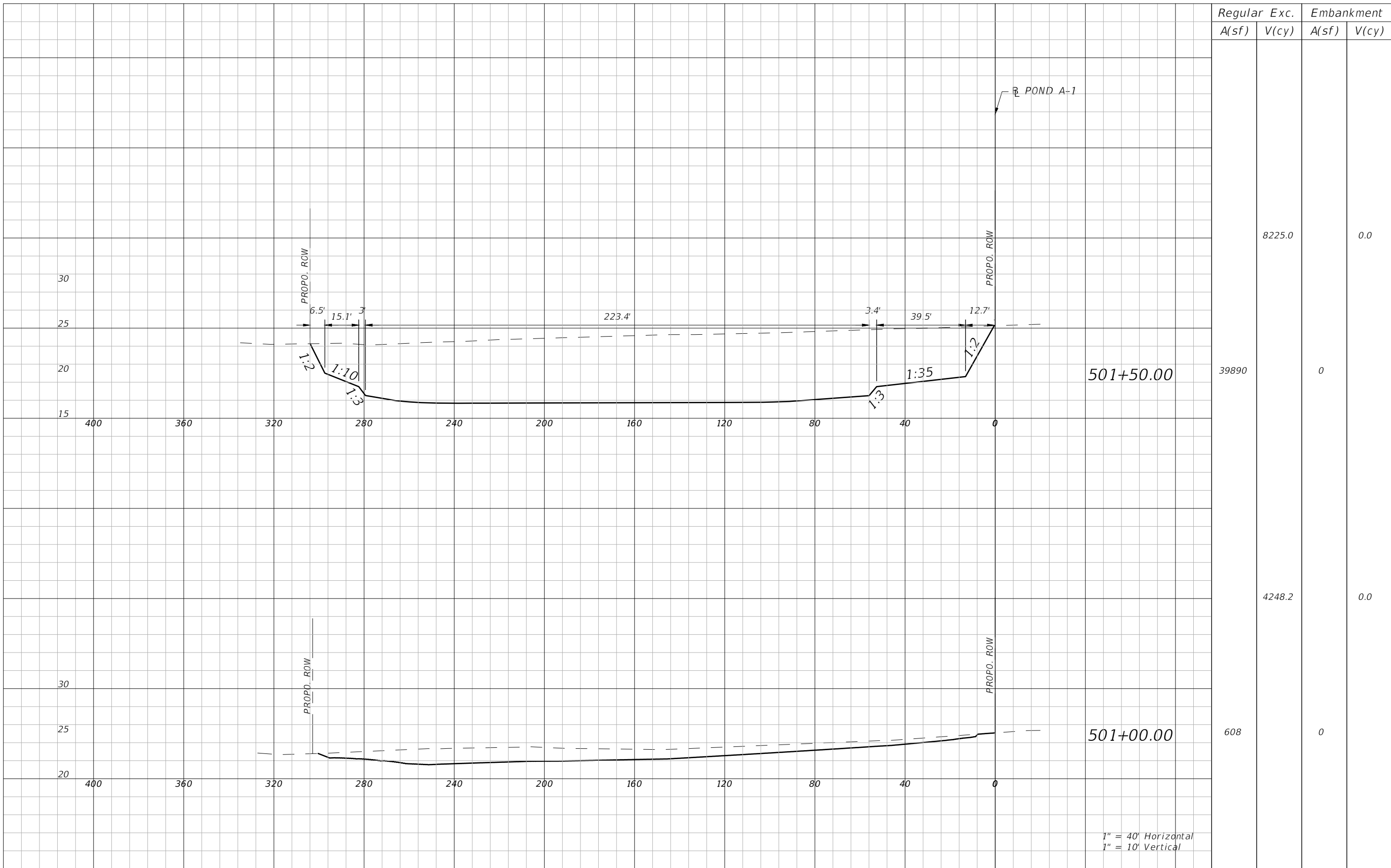
EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

1. THE MATERIAL FROM STRATUM 2 AND 3 (A-3) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH INDEX 505.
2. THE MATERIAL FROM STRATUM 4 (A-2-4) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH INDEX 505. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. IT SHOULD BE USED IN THE EMBANKMENT ABOVE THE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION.
3. THE MATERIAL FROM STRATUM 5 AND 6 (A-2-6/A-2-7/A-6) IS PLASTIC MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH INDEX 500 AND UTILIZED IN ACCORDANCE WITH INDEX 505.

- ▽ - GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- ▼ - ESTIMATED SEASONAL HIGH GROUND WATER TABLE
- GNE - GROUNDWATER NOT ENCOUNTERED
- GNA - GROUNDWATER NOT APPARENT DUE TO THE INTRODUCTION OF DRILLING FLUID

REVISIONS				ROBERT GOMEZ, P.E. P.E. LICENSE NUMBER 58348 UNIVERSAL ENGINEERING SCIENCES 1748 INDEPENDENCE BLVD. SARASOTA, FL, 34234 CERTIFICATE OF AUTHORIZATION 549	MANATEE COUNTY		ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		87
----	----	----	----		MOCCASIN WALLOW RD	6092560		



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
	8225.0		0.0		
39890		0			
	4248.2		0.0		
608		0			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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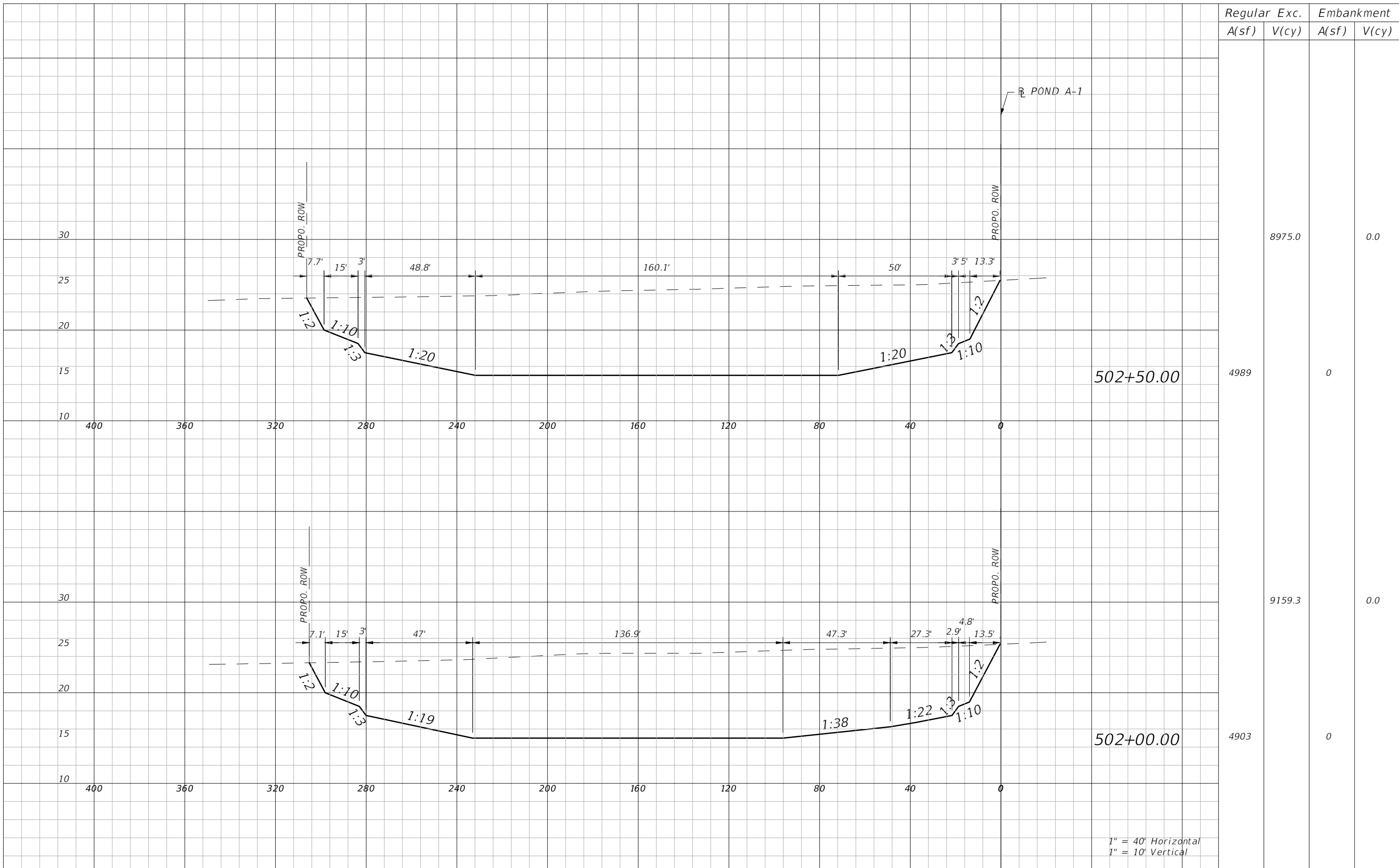
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY
ROAD NO. MOCCASIN WALLOW RD
FINANCIAL PROJECT ID 6092560

POND A-1 CROSS SECTION (1)

SHEET NO. 88

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)
	8975.0	0.0
4989		0
	9159.3	0.0
4903		0

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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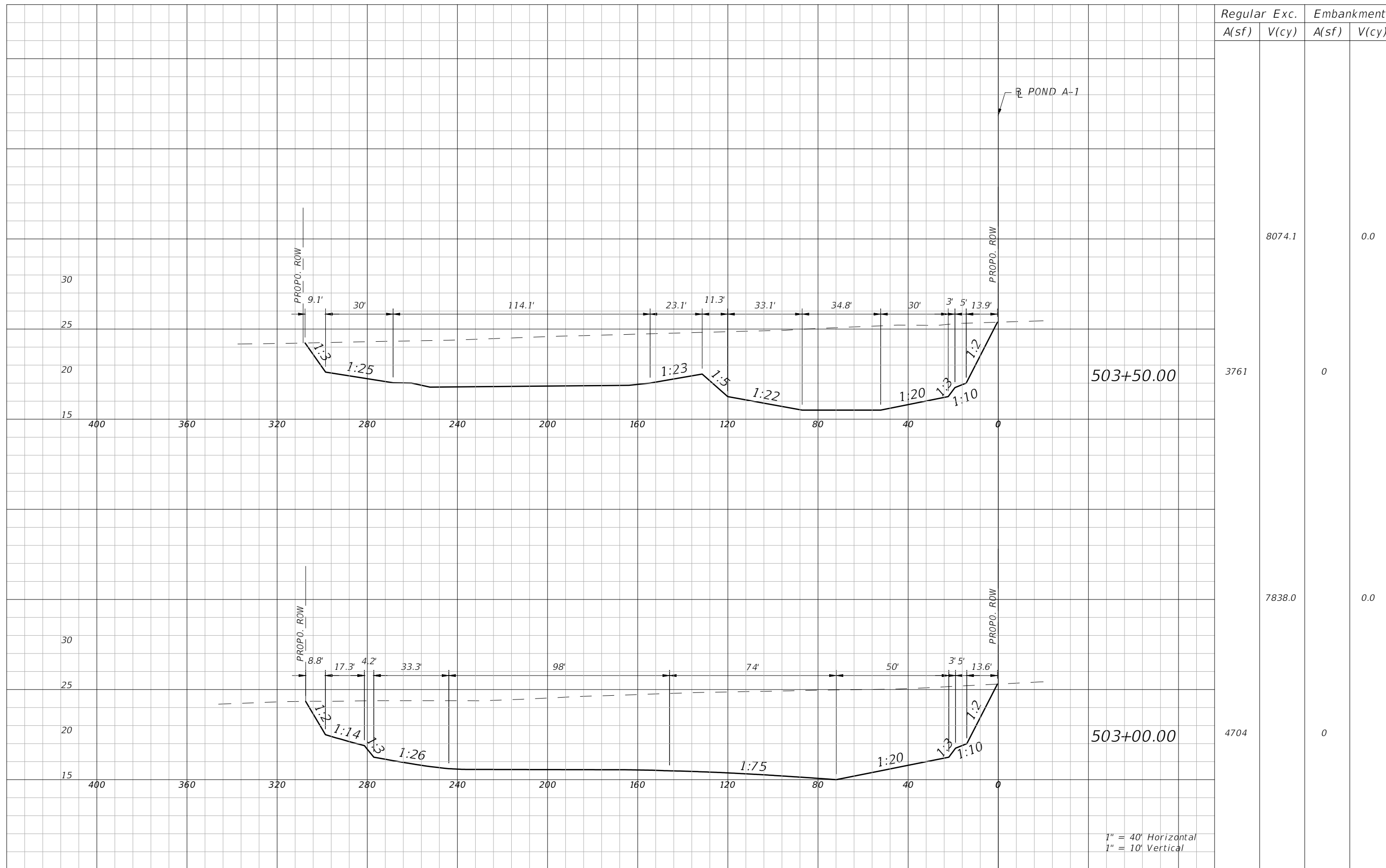
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY
ROAD NO. MOCCASIN WALLOW RD
FINANCIAL PROJECT ID 6092560

POND A-1 CROSS SECTION (2)

SHEET NO. 89

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

8074.1 0.0

3761 0

7838.0 0.0

4704 0

503+50.00

503+00.00

1" = 40' Horizontal
1" = 10' Vertical

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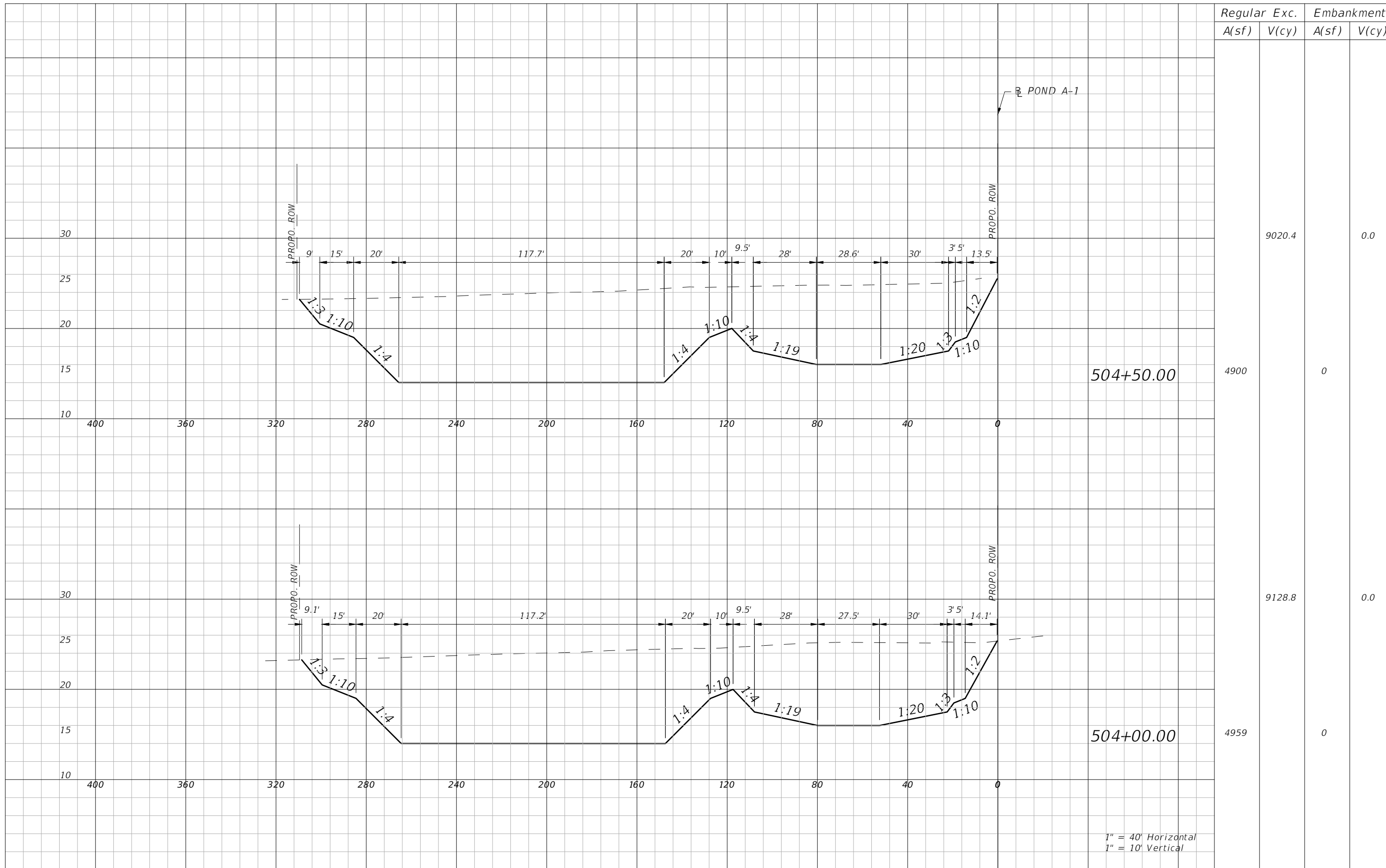
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
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CLEARWATER, FLORIDA 33759
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MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

POND A-1 CROSS SECTION (3)

SHEET NO.
90



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
	9020.4		0.0		
4900		0			
	9128.8		0.0		
4959		0			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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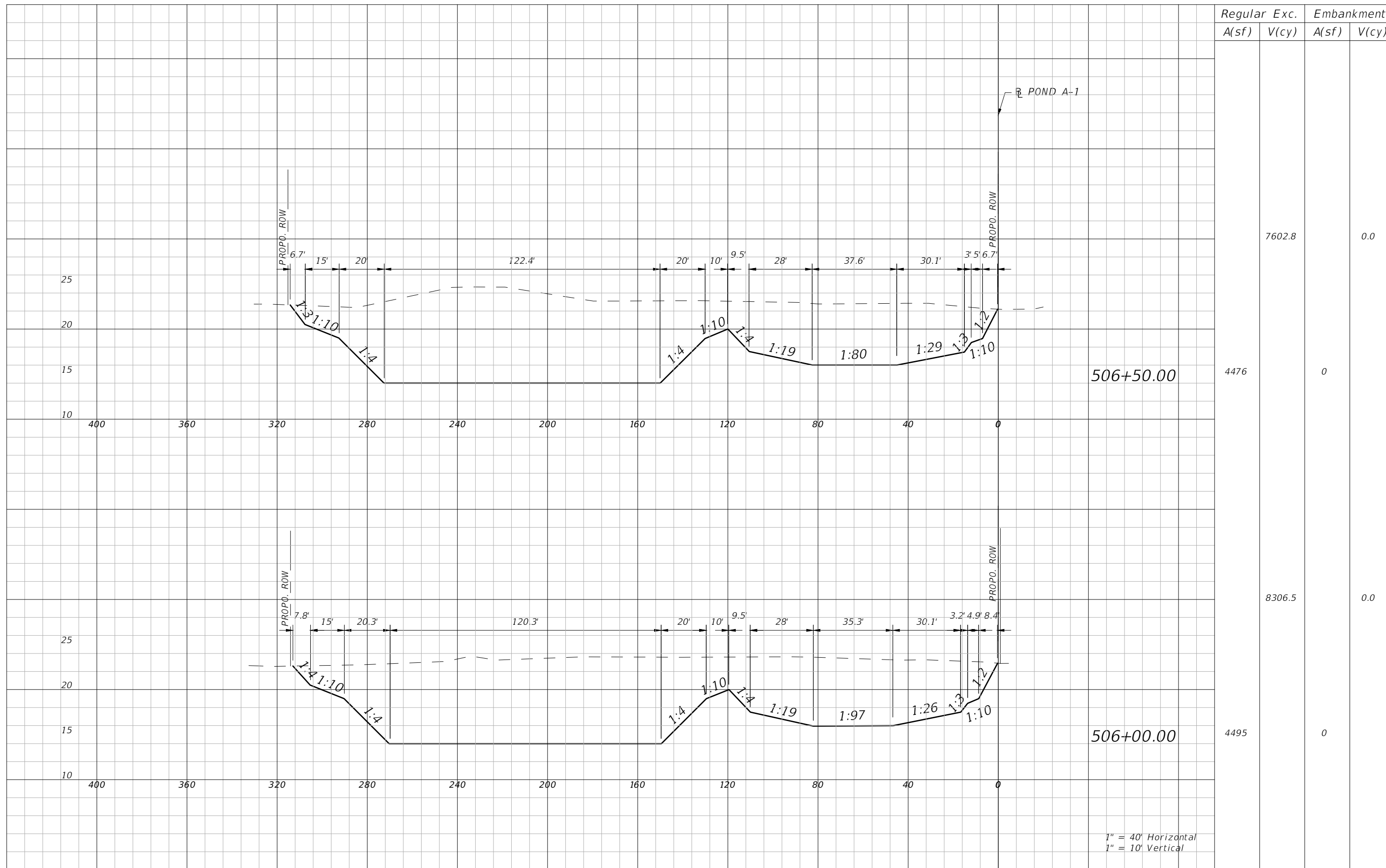
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

POND A-1 CROSS SECTION (4)

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.



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
	7602.8				0.0
4476		0			
	8306.5				0.0
4495		0			

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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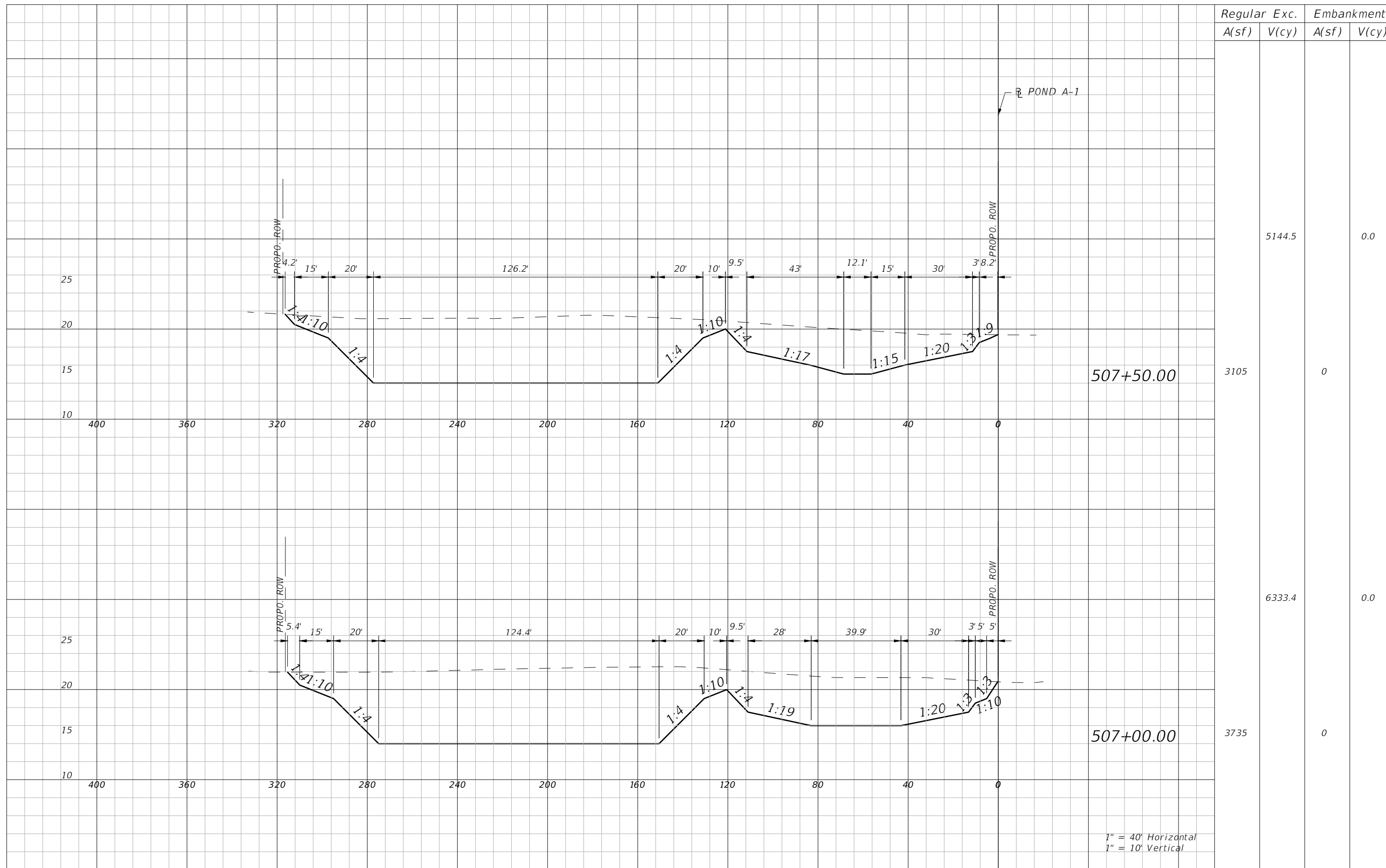
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

POND A-1 CROSS SECTION (6)

SHEET NO.
93

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



Regular A(sf)	Exc. V(cy)	Embankment A(sf)	V(cy)
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5144.5			0.0
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3105		0	
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6333.4			0.0
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3735		0	
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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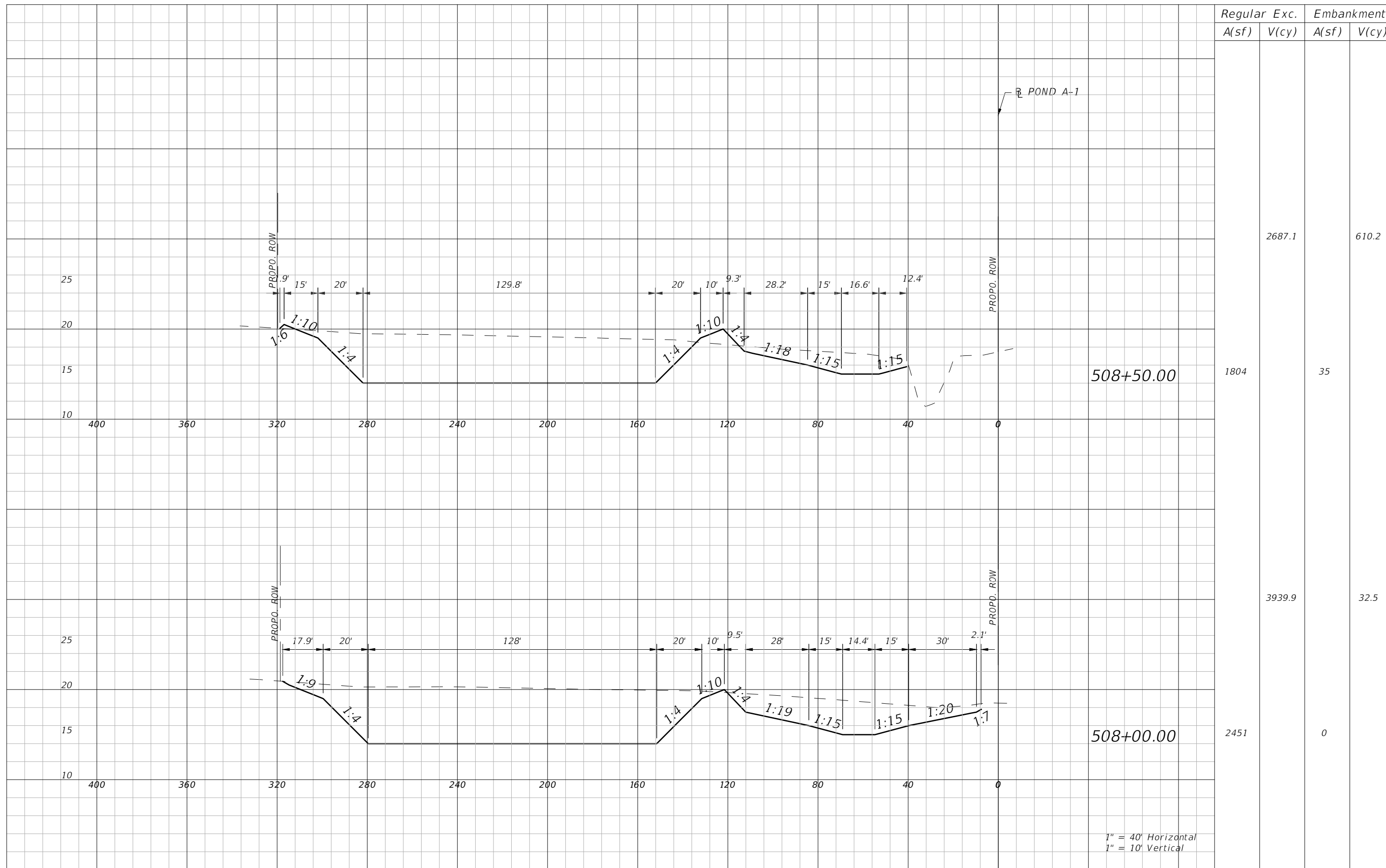
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

POND A-1 CROSS SECTION (7)

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.



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
	2687.1			610.2	
1804		35			
	3939.9			32.5	
2451		0			

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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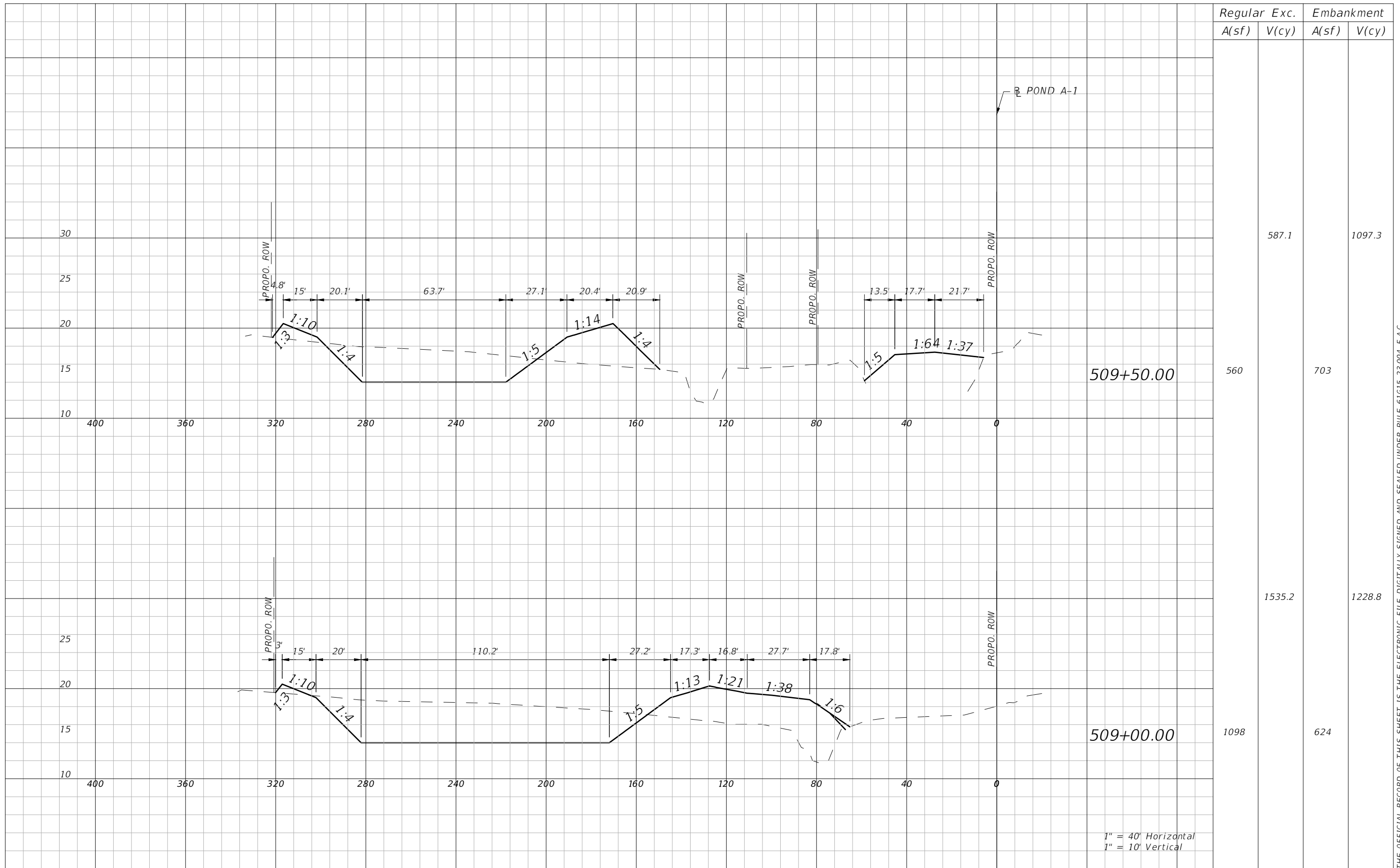
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

POND A-1 CROSS SECTION (8)

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.



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
	587.1			1097.3	
560		703			
	1535.2			1228.8	
1098		624			

1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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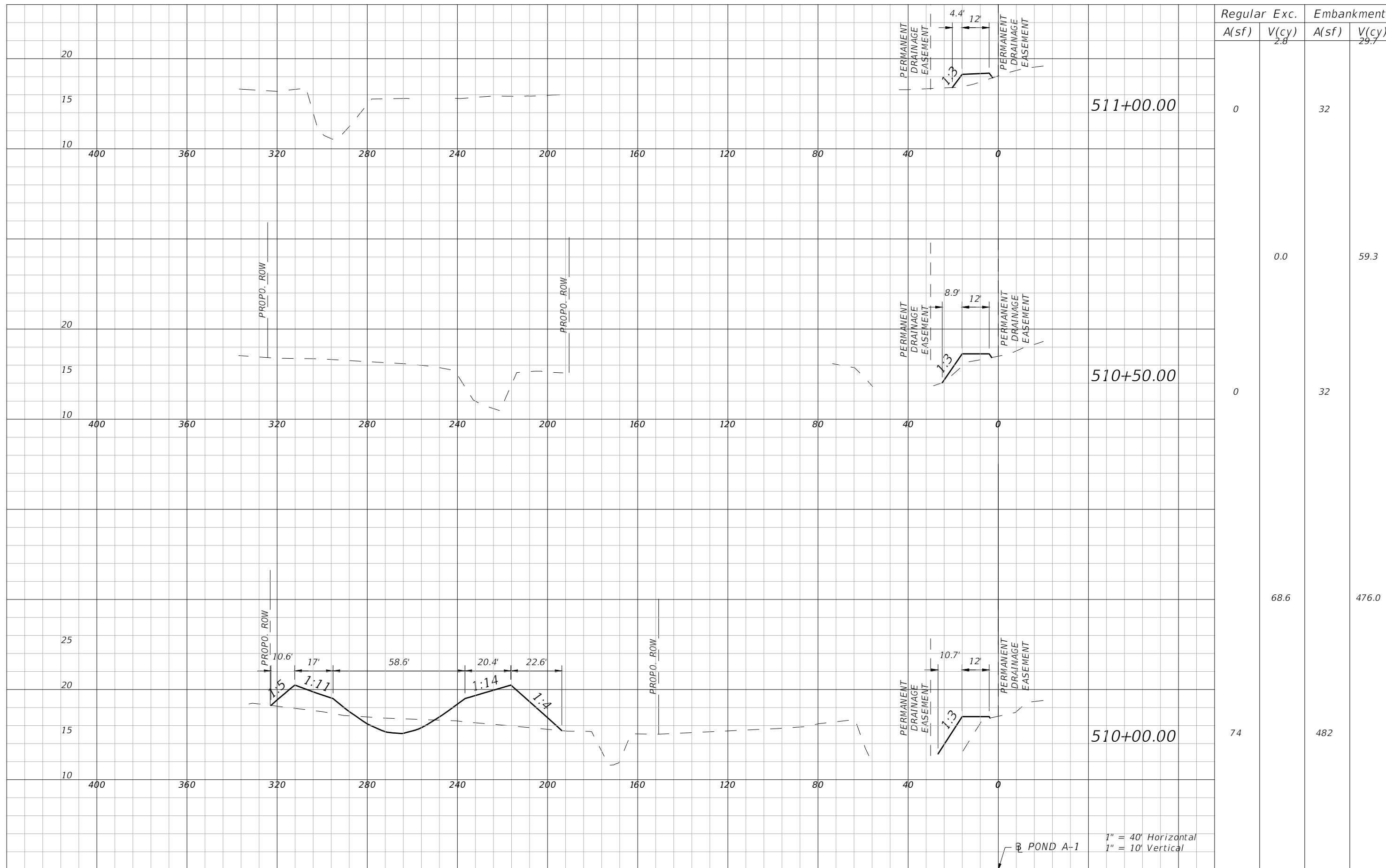
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

POND A-1 CROSS SECTION (9)

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.



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

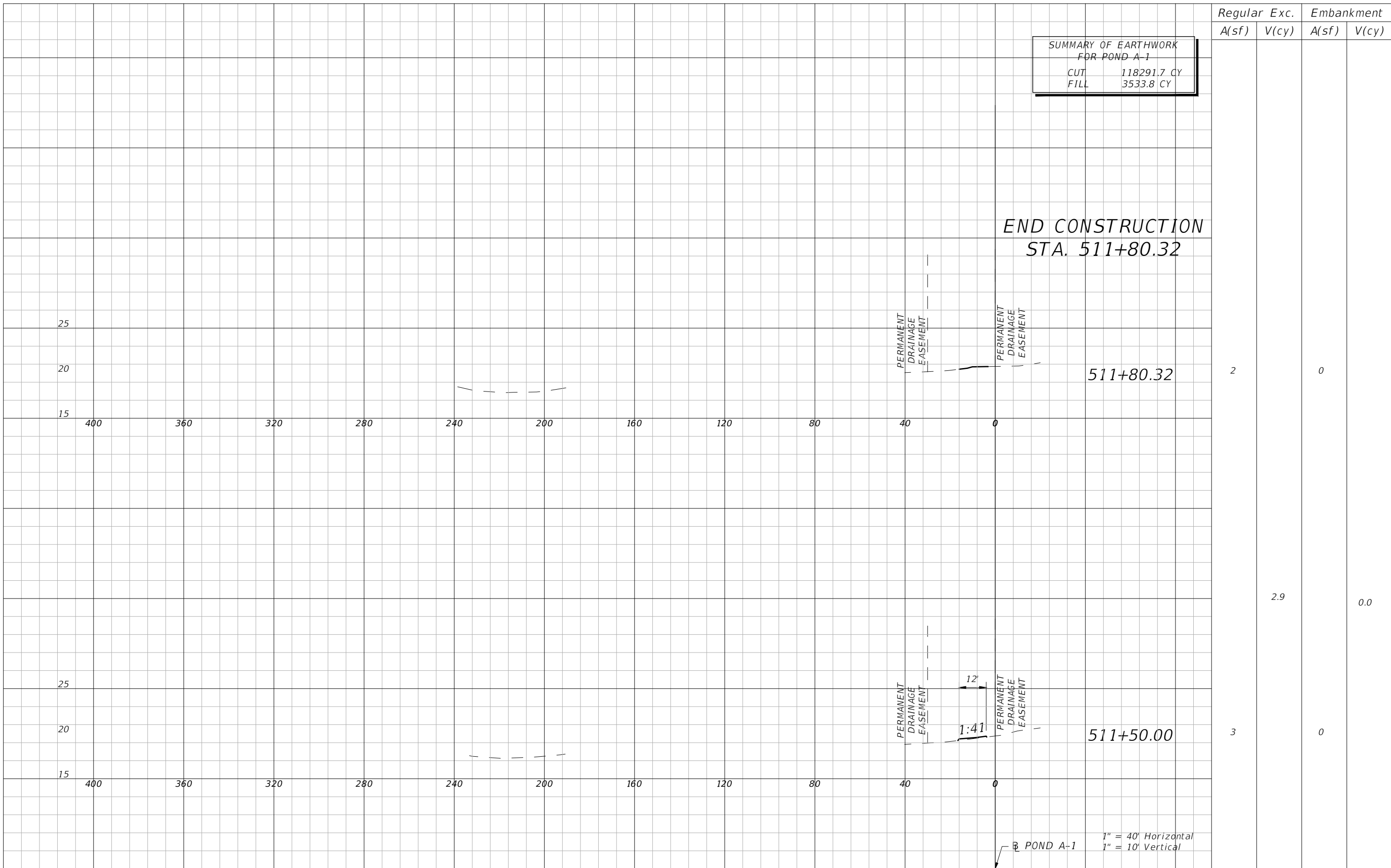
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

POND A-1 CROSS SECTION (10)

SHEET NO.
97



SUMMARY OF EARTHWORK
FOR POND A-1
CUT 118291.7 CY
FILL 3533.8 CY

END CONSTRUCTION
STA. 511+80.32

511+80.32

511+50.00

POND A-1
1" = 40' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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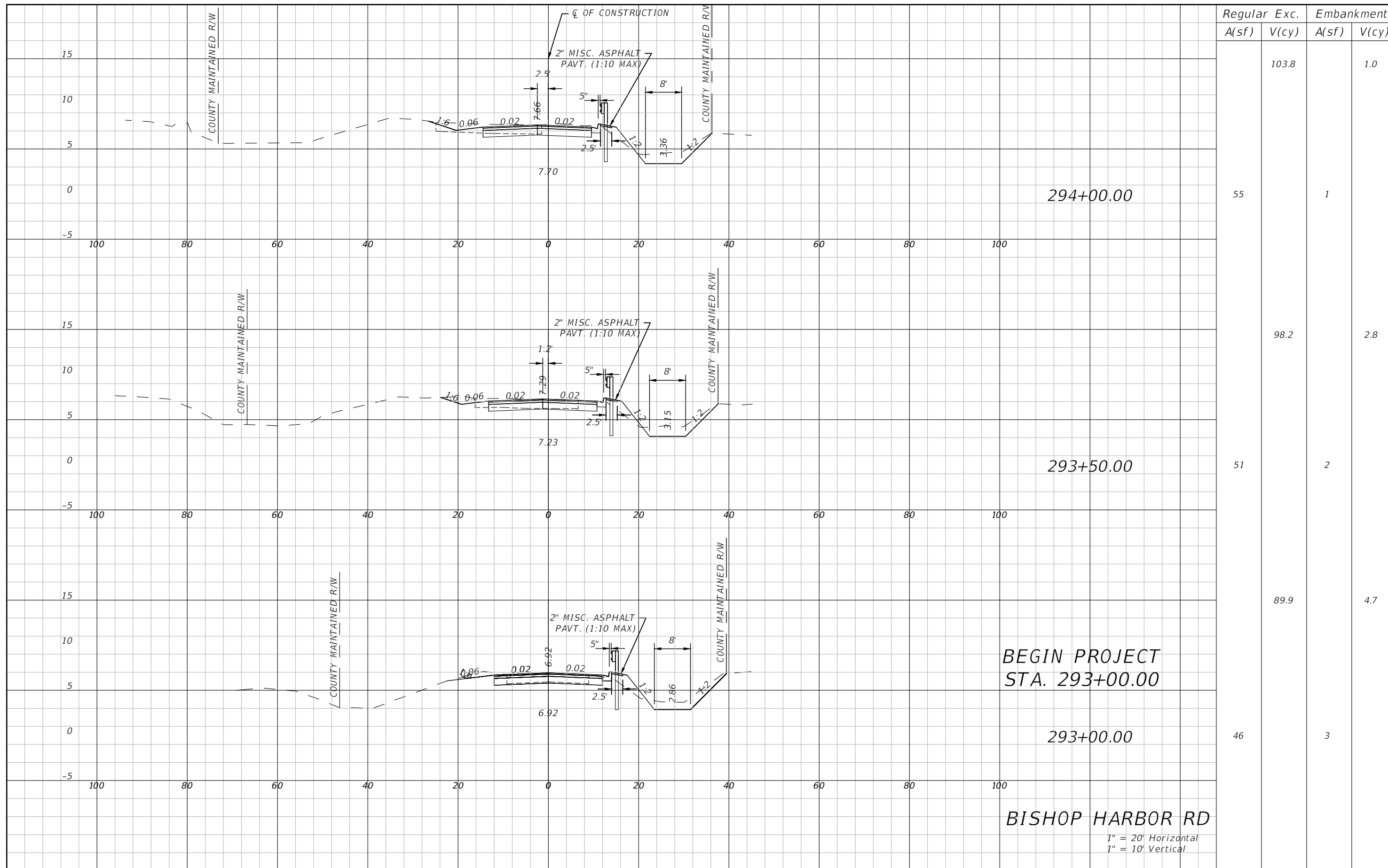
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

POND A-1 CROSS SECTION (11)

SHEET NO.
98

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)	A(sf)	V(cy)
55	103.8	1	1.0		
51	98.2	2	2.8		
46	89.9	3	4.7		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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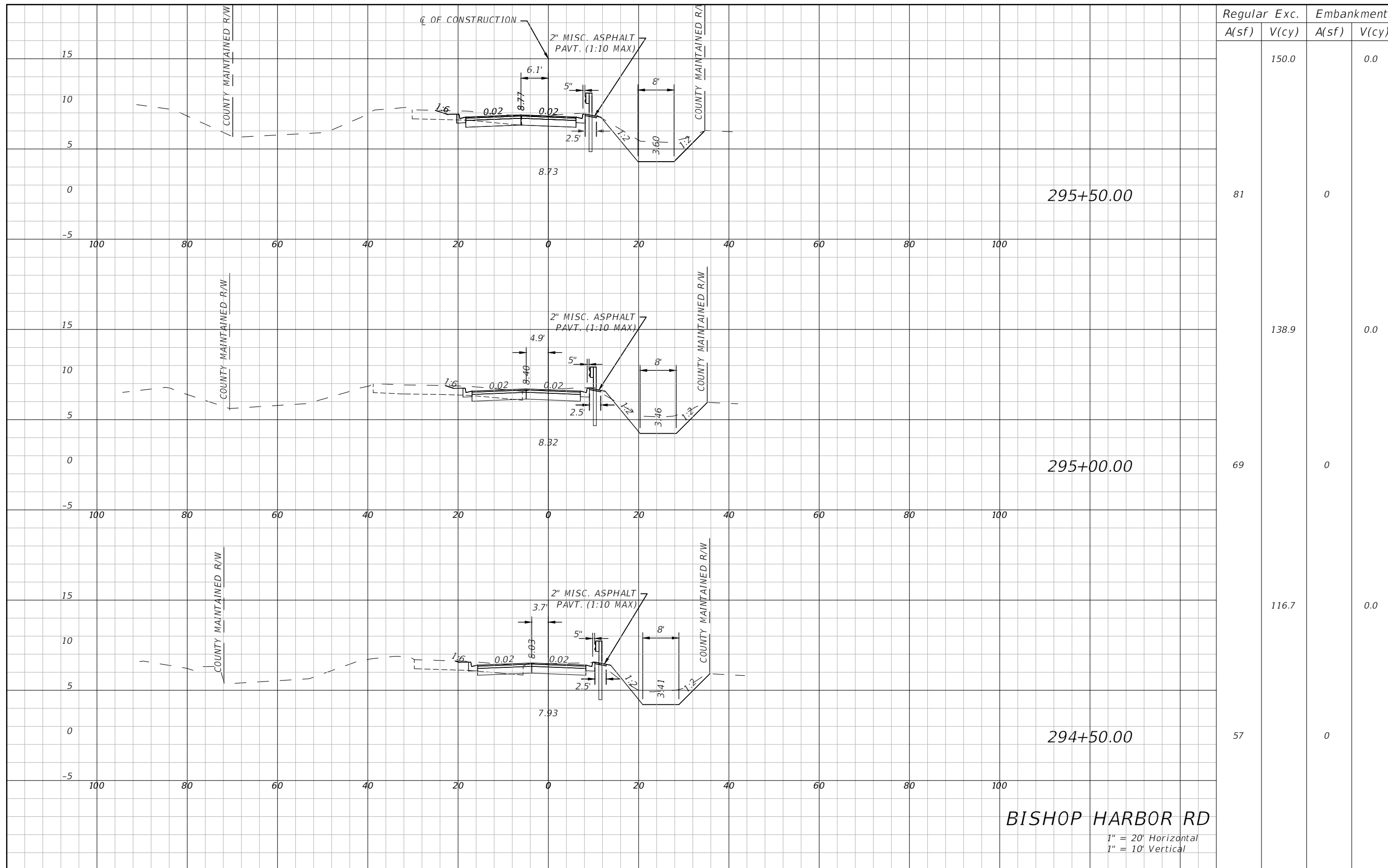
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (1)

99

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
295+50.00	81	0	150.0	0.0	0	0.0
295+00.00	69	0	138.9	0.0	0	0.0
294+50.00	57	0	116.7	0.0	0	0.0

BISHOP HARBOR RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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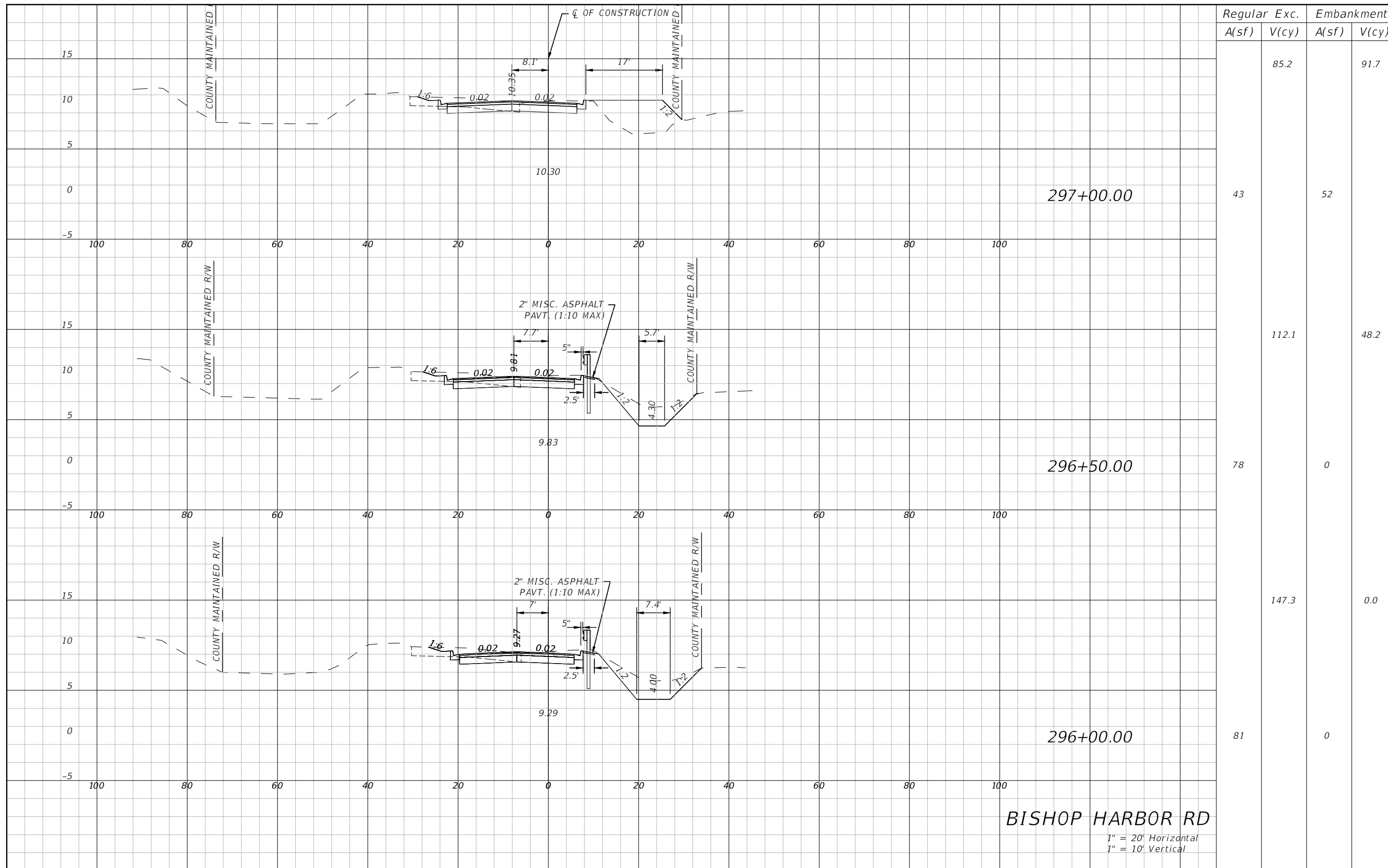
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (2)

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.



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
43	85.2	52	91.7		
78	112.1	0	48.2		
81	147.3	0	0.0		

BISHOP HARBOR RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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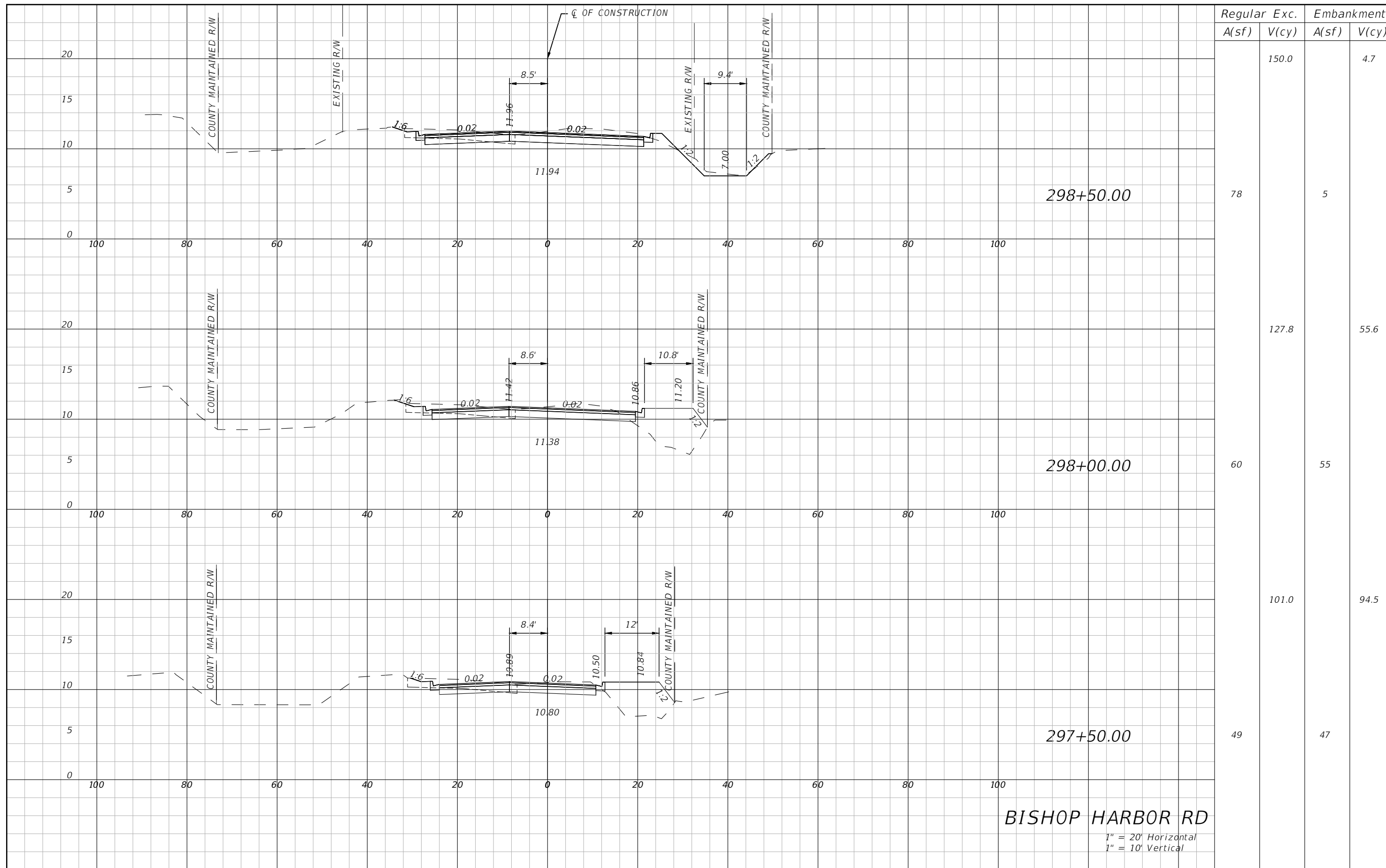
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (3)

SHEET NO.
101

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
298+50.00	78	150.0	5			4.7
298+00.00	60	127.8	55			55.6
297+50.00	49	101.0	47			94.5

BISHOP HARBOR RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

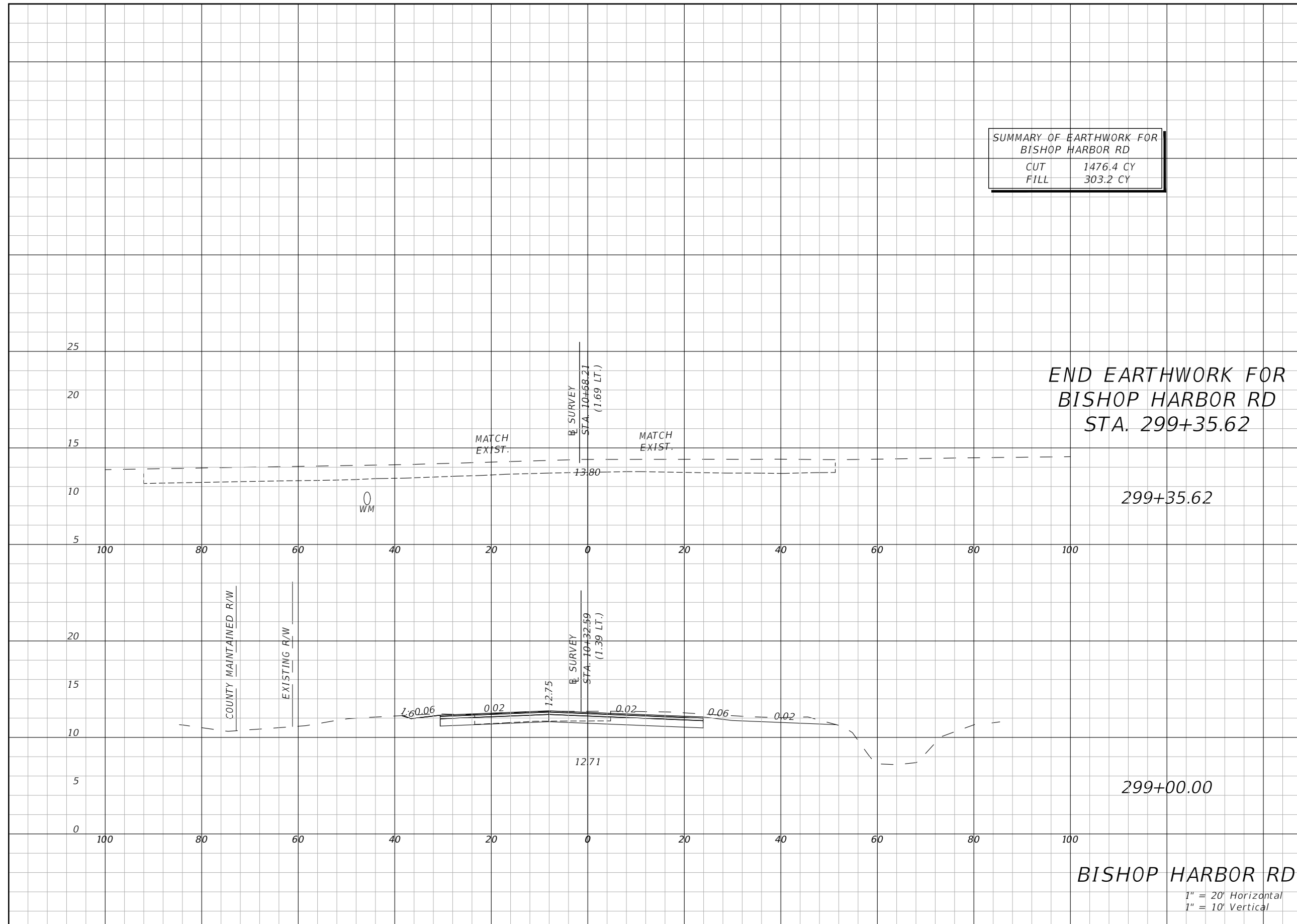
CROSS SECTION (4)

SHEET NO.
102

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)	A(sf)	V(cy)

SUMMARY OF EARTHWORK FOR BISHOP HARBOR RD	
CUT	1476.4 CY
FILL	303.2 CY



END EARTHWORK FOR
BISHOP HARBOR RD
STA. 299+35.62

299+35.62

299+00.00

BISHOP HARBOR RD

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

0	0	0	0
55.5	0.0		
84	0		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

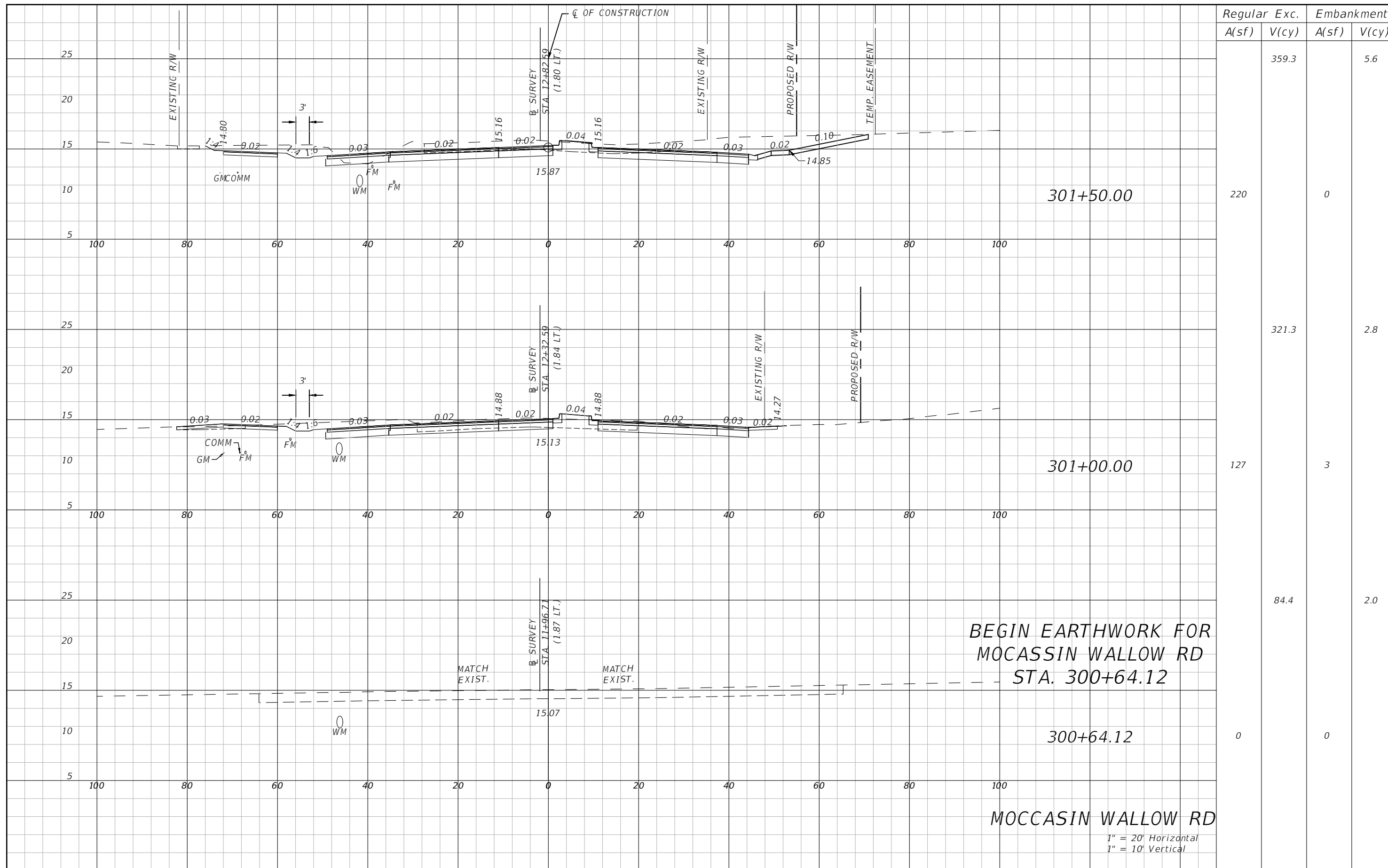
MANATEE COUNTY

ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (5)

SHEET NO.
103

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)	A(sf)	V(cy)
220	359.3	0	0	0	5.6
127	321.3	3	0	0	2.8
0	84.4	0	0	0	2.0

BEGIN EARTHWORK FOR
MOCASSIN WALLOW RD
STA. 300+64.12

MOCASSIN WALLOW RD
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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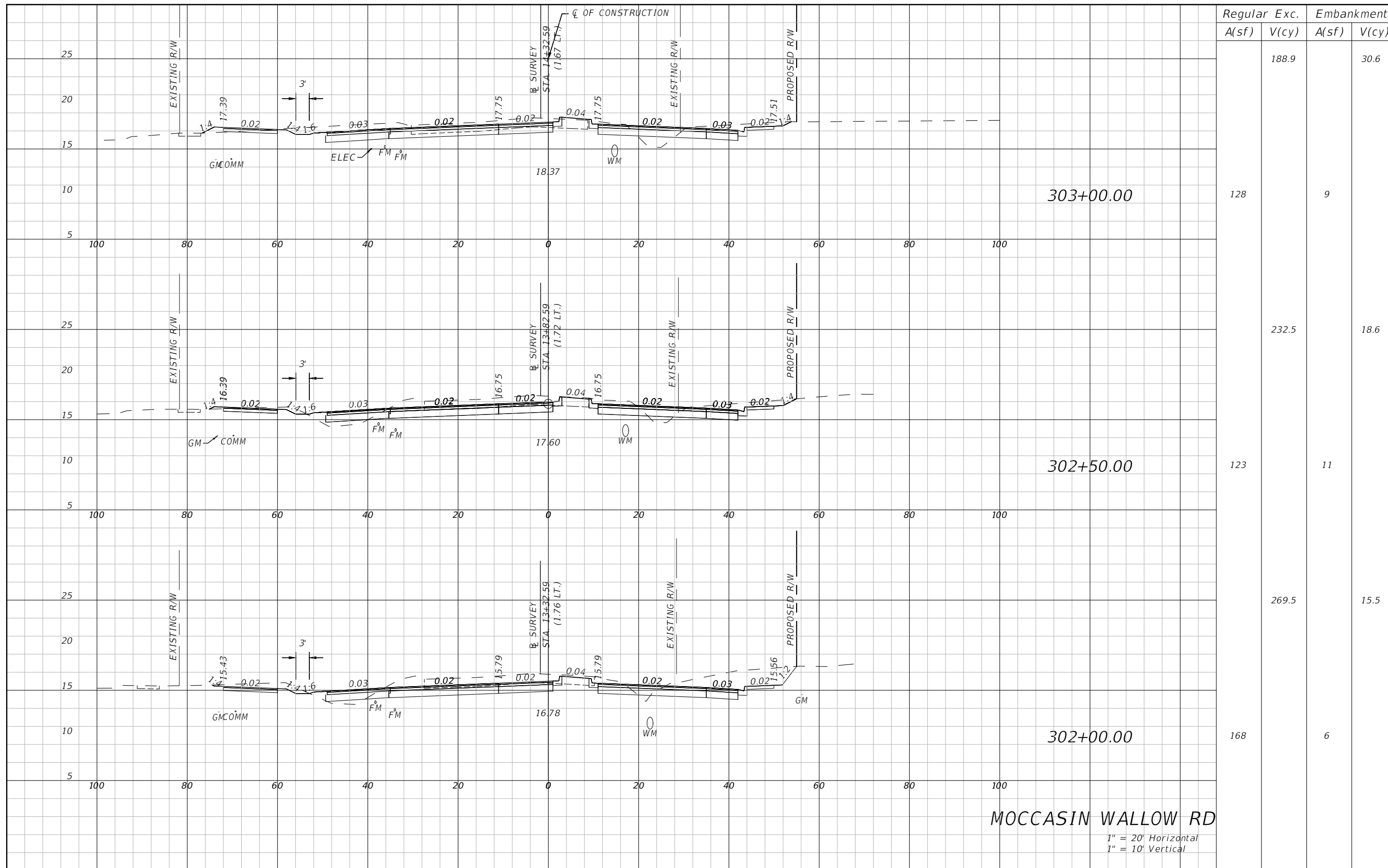
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCASSIN WALLOW RD	6092560

CROSS SECTION (6)

SHEET NO.
104

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)	A(sf)	V(cy)
128	188.9	9	30.6		
123	232.5	11	18.6		
168	269.5	6	15.5		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

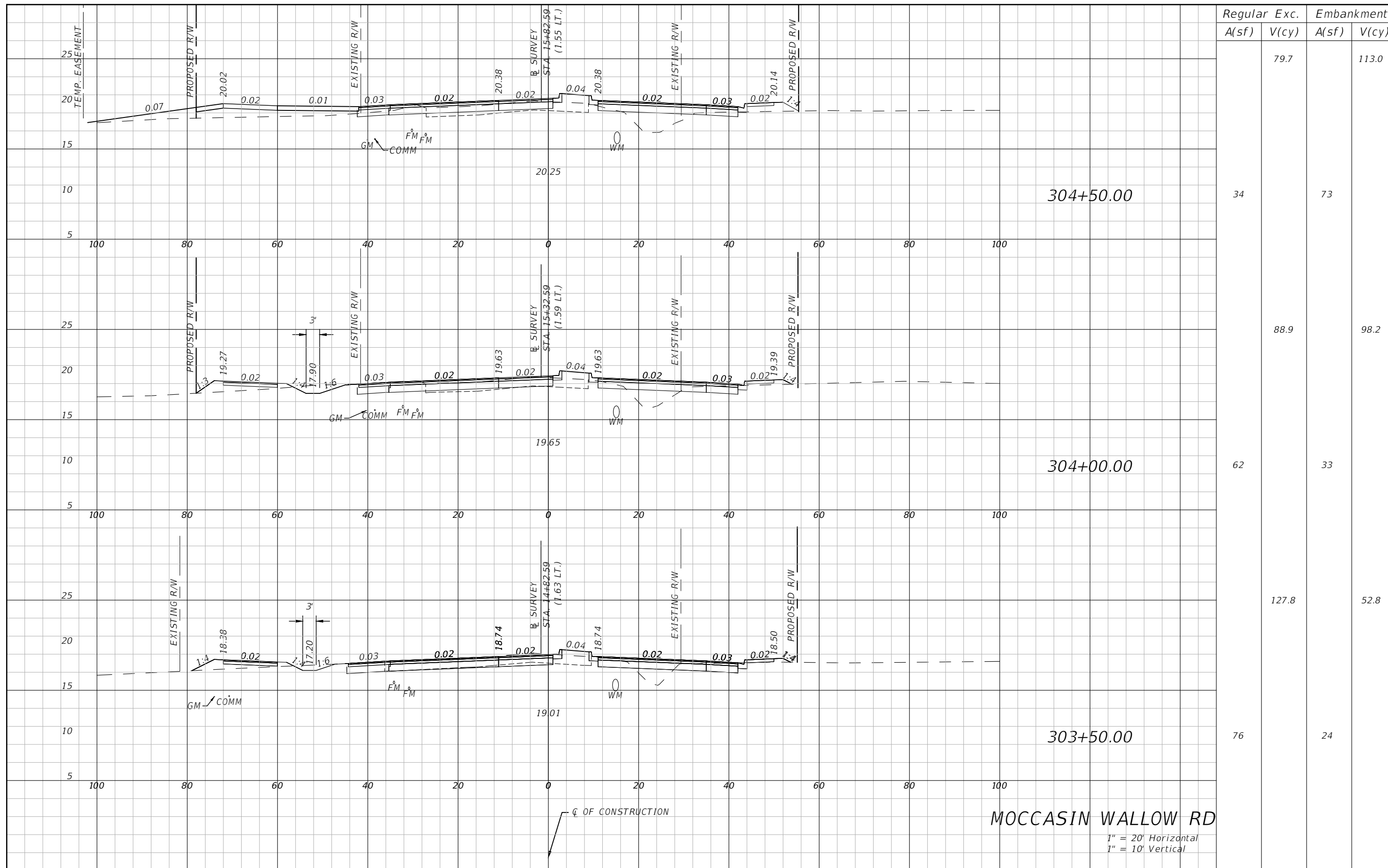
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (7)
 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.



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
304+50.00	34		79.7		73	113.0
304+00.00	62		88.9		33	98.2
303+50.00	76		127.8		24	52.8

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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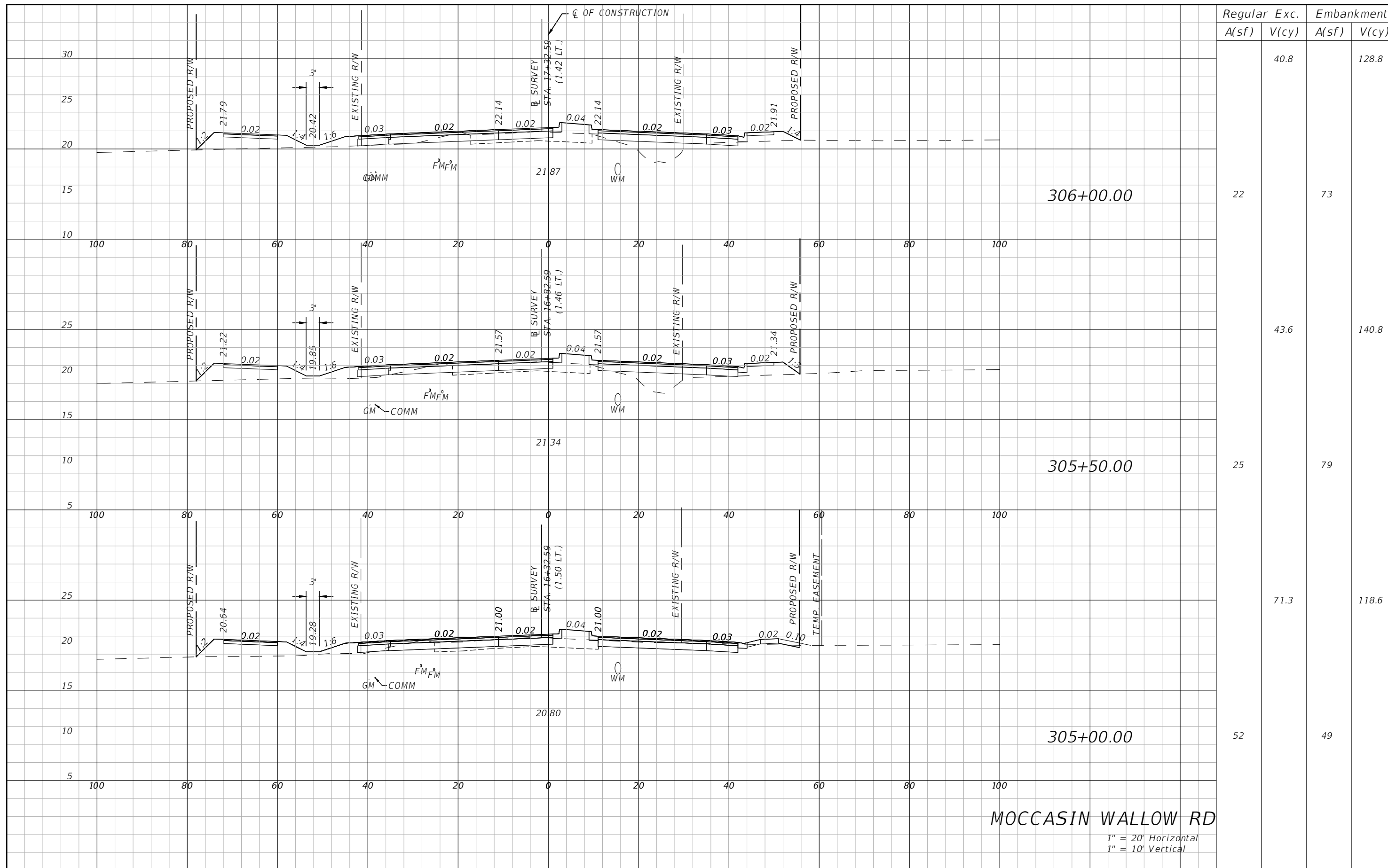
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (8)

SHEET NO.
106

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
306+00.00	22	40.8	73	128.8		
305+50.00	25	43.6	79	140.8		
305+00.00	52	71.3	49	118.6		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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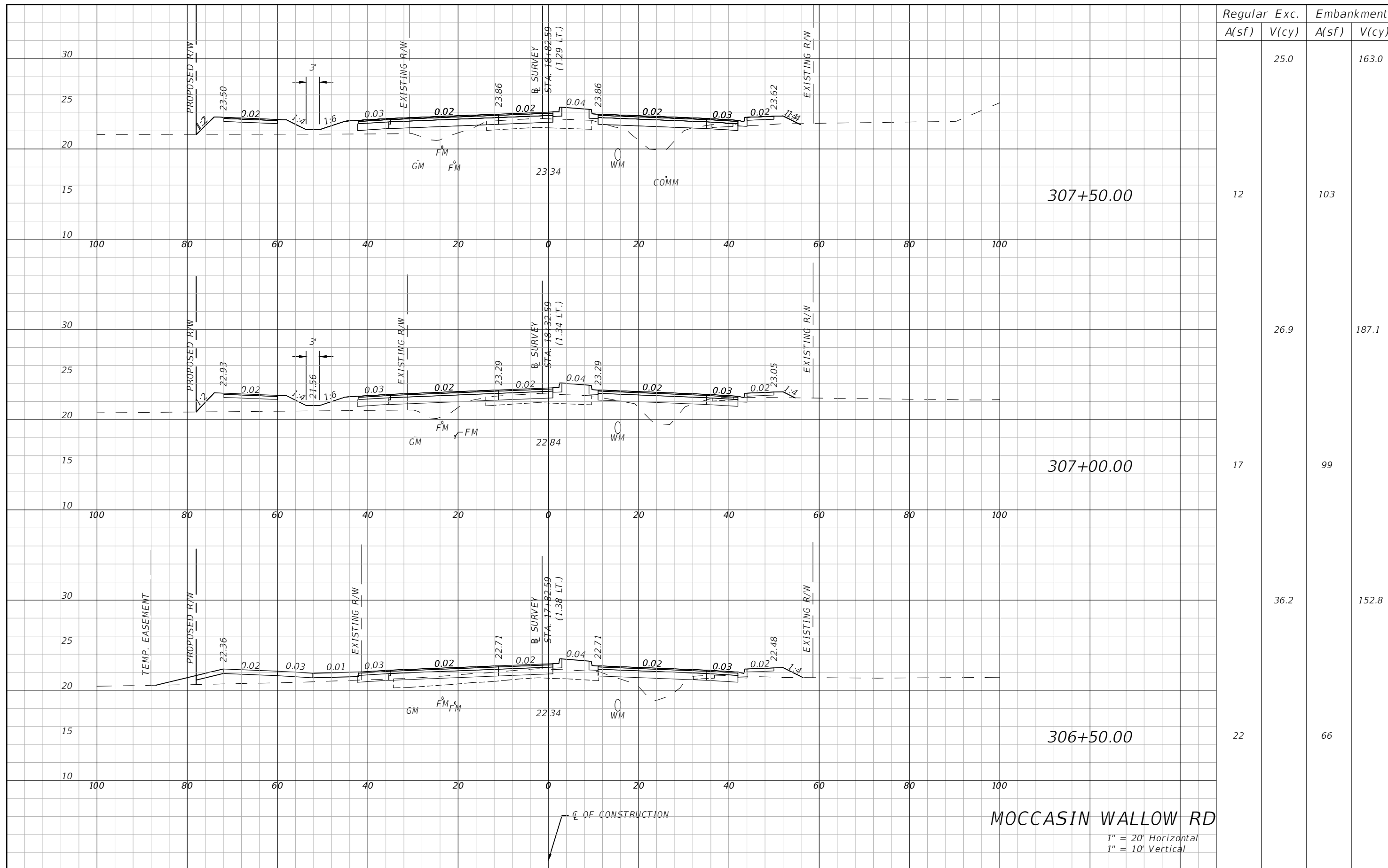
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (9)

SHEET NO.
107

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
307+50.00	12			25.0	103	163.0
307+00.00	17			26.9	99	187.1
306+50.00	22			36.2	66	152.8

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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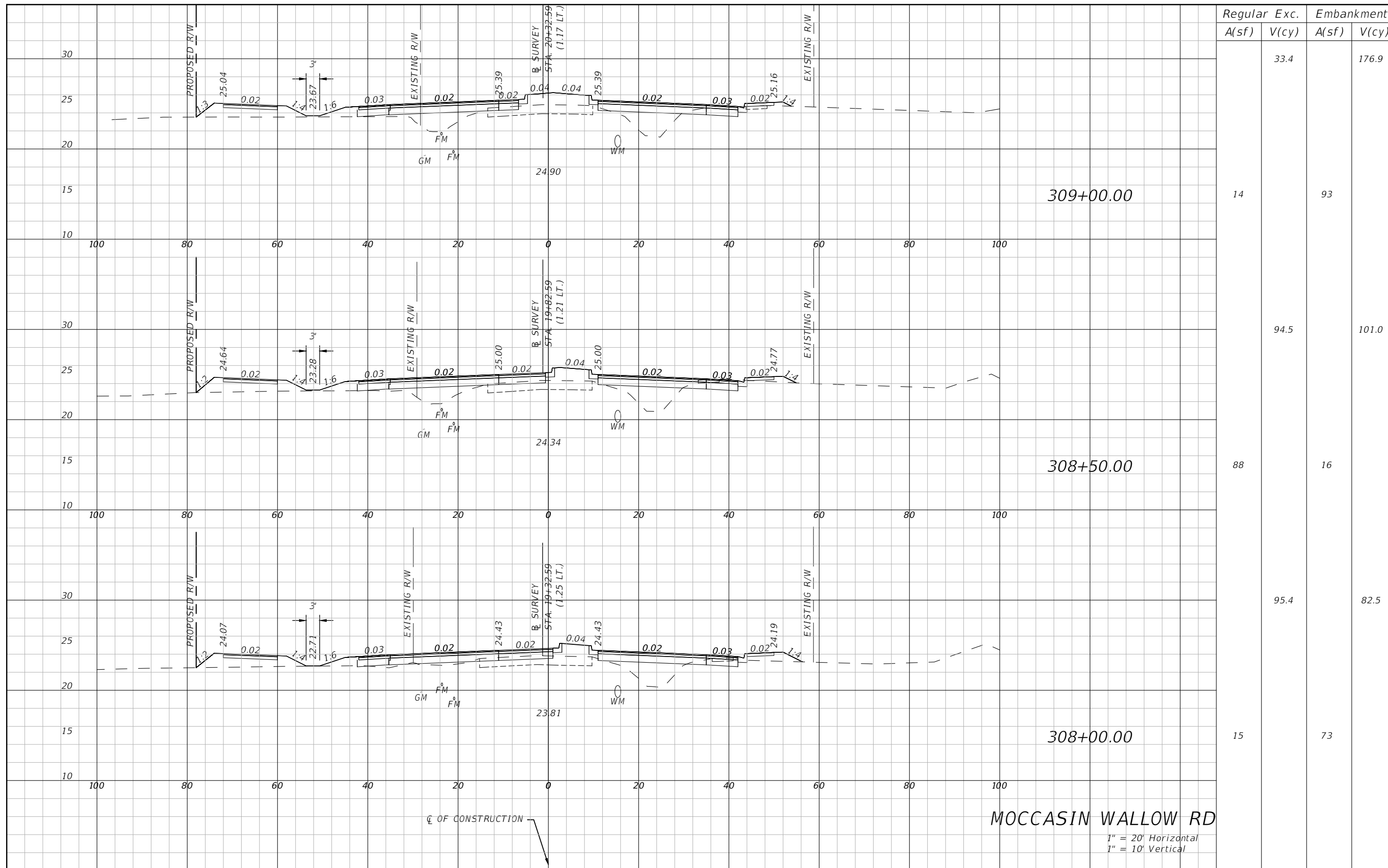
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

MOCCASIN WALLOW RD
1" = 20' Horizontal
1" = 10' Vertical
CROSS SECTION (10)

SHEET NO.
108

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)	A(sf)	V(cy)
	33.4				176.9
14		93			
	94.5				101.0
88		16			
	95.4				82.5
15		73			

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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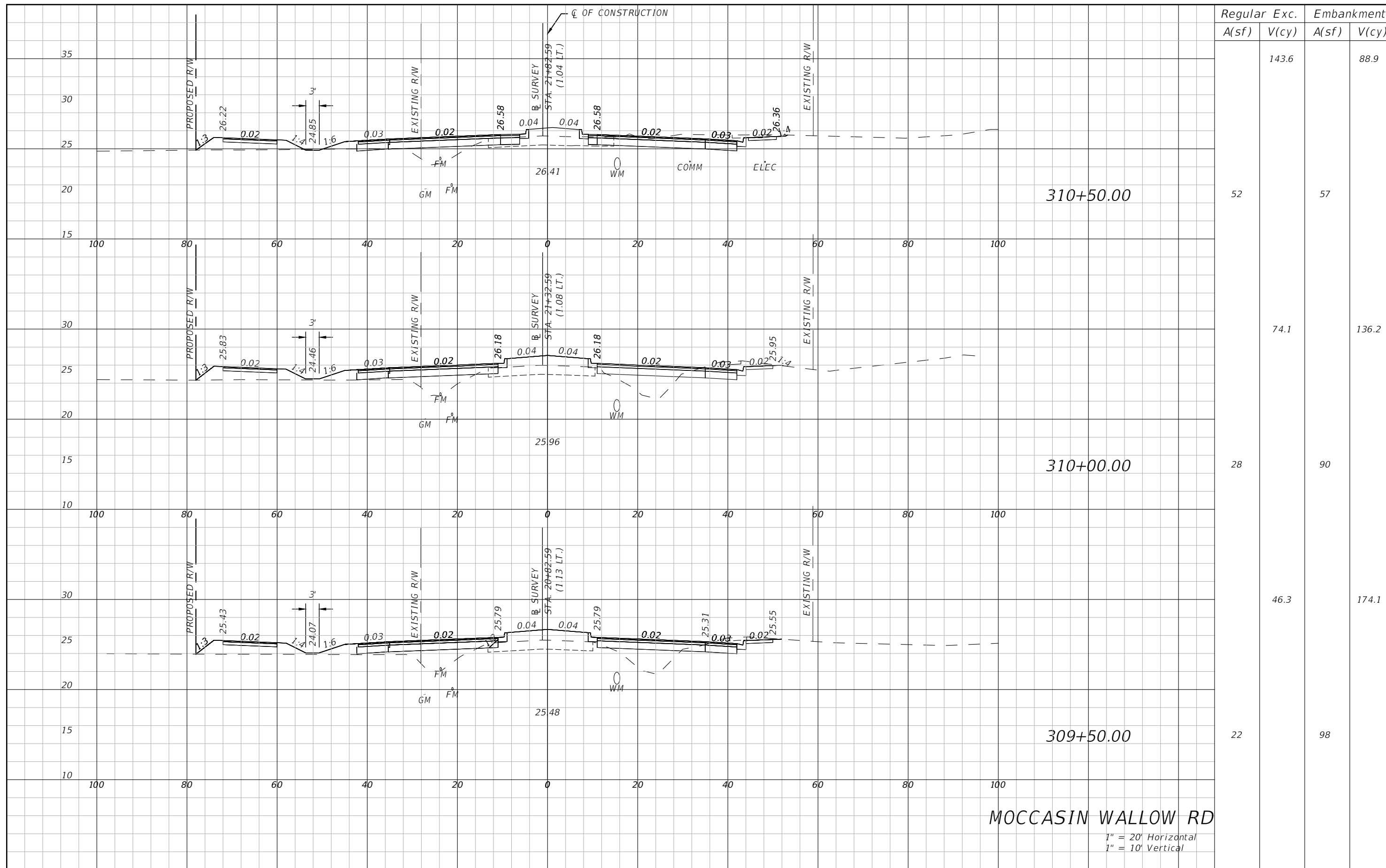
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (11)

SHEET NO.
109

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
310+50.00	52	143.6	57	88.9		
310+00.00	28	74.1	90	136.2		
309+50.00	22	46.3	98	174.1		

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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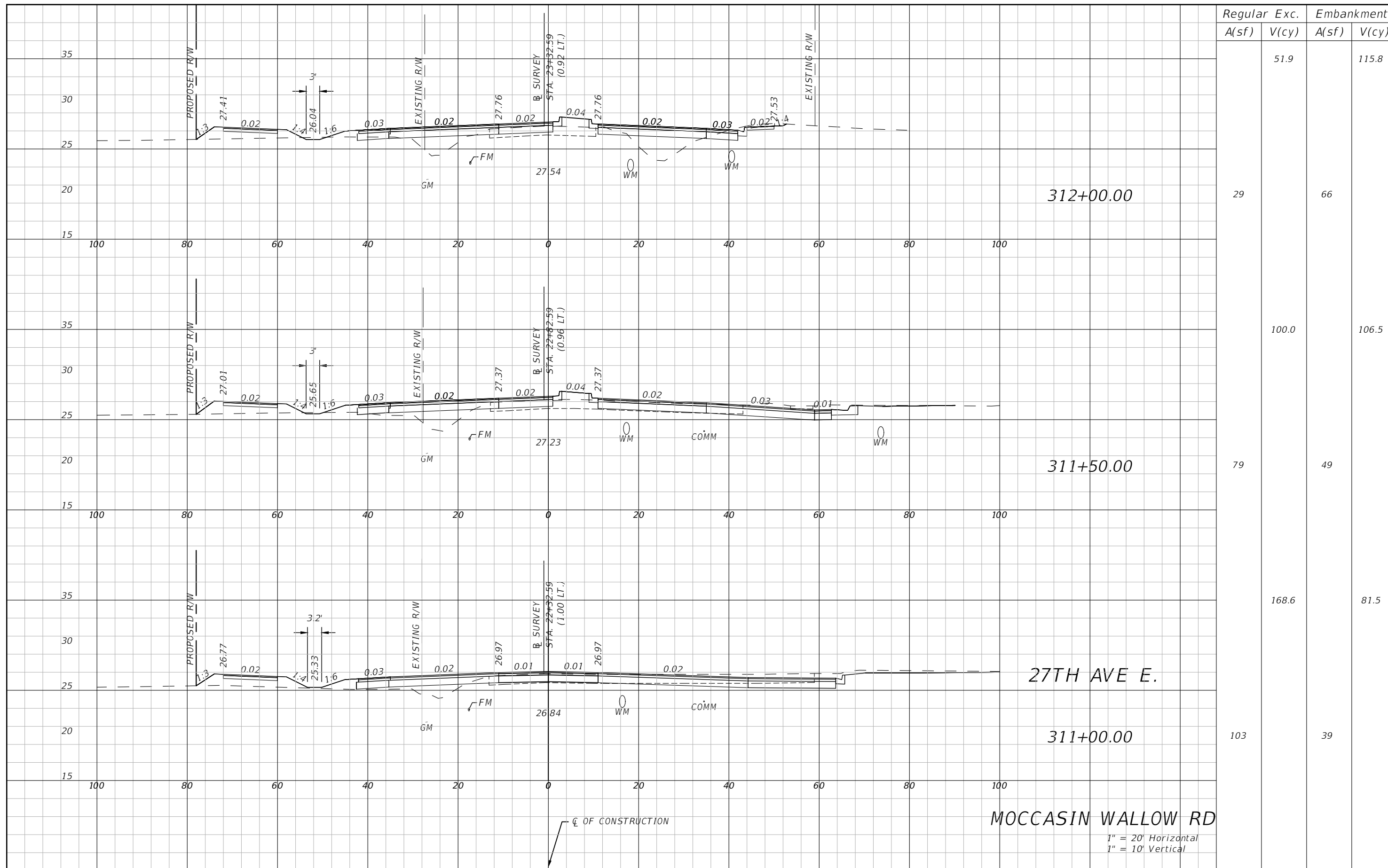
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (12)

SHEET NO.
110

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
312+00.00	29		66	51.9		115.8
311+50.00	79		49	100.0		106.5
311+00.00	103		39	168.6		81.5

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

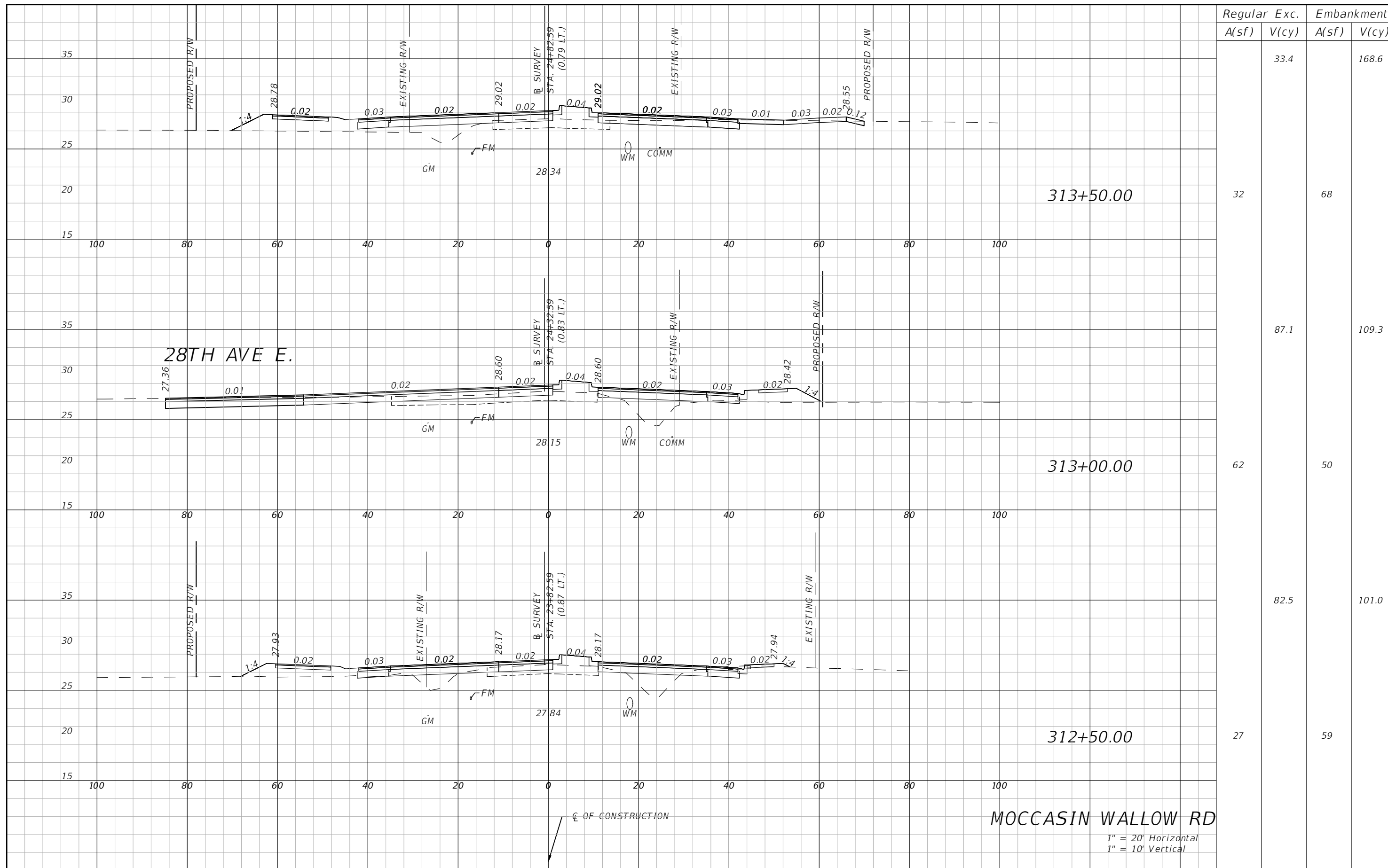
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (13)
 SHEET NO.
 111

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
313+50.00	32		33.4		68	168.6
313+00.00	62		87.1		50	109.3
312+50.00	27		82.5		59	101.0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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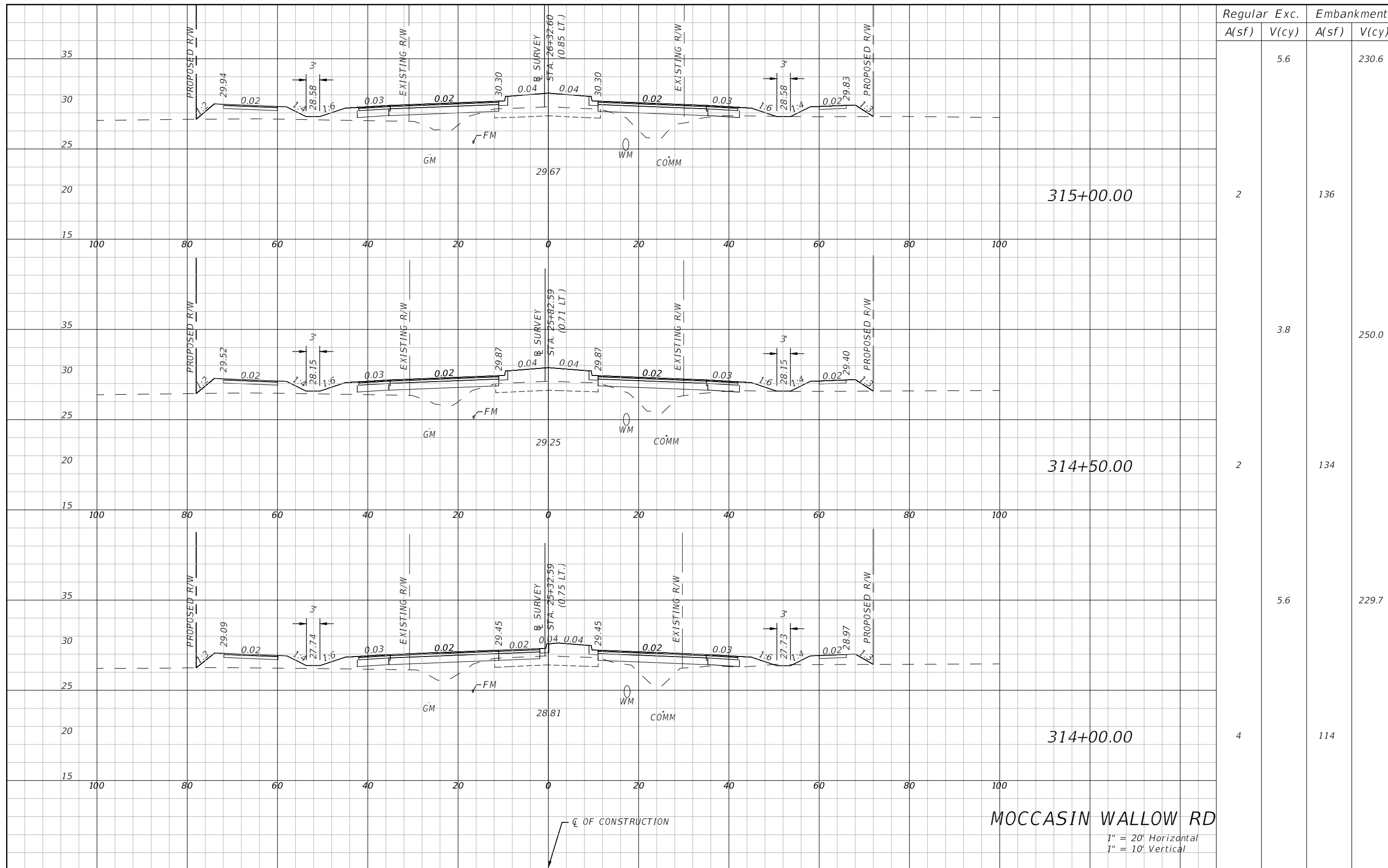
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical
CROSS SECTION (14)

SHEET NO.
 112

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)

	5.6		230.6
2		136	
	3.8		250.0
2		134	
	5.6		229.7
4		114	

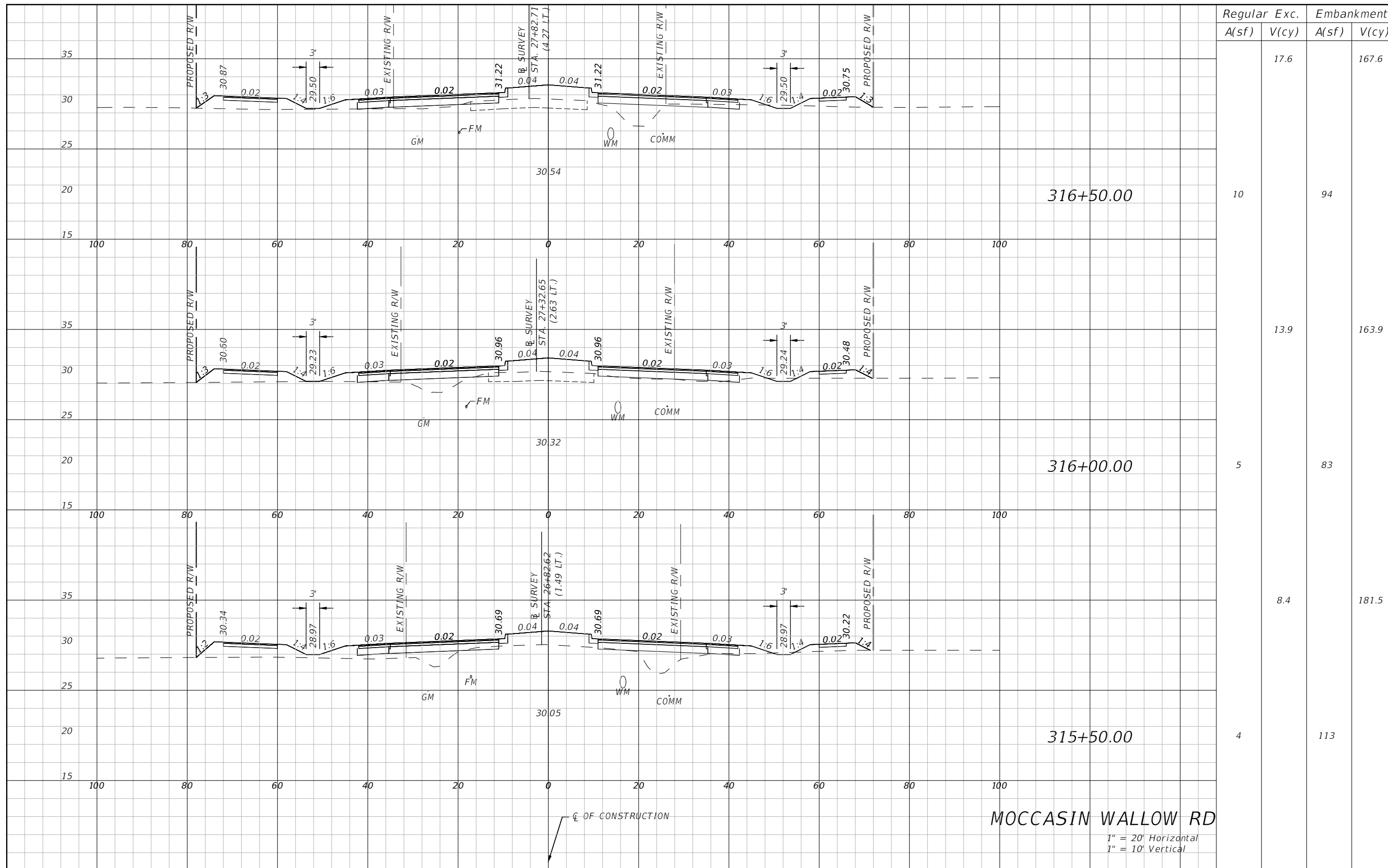
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (15)
 SHEET NO.
 113

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
316+50.00	10	17.6	94	167.6		
316+00.00	5	13.9	83	163.9		
315+50.00	4	8.4	113	181.5		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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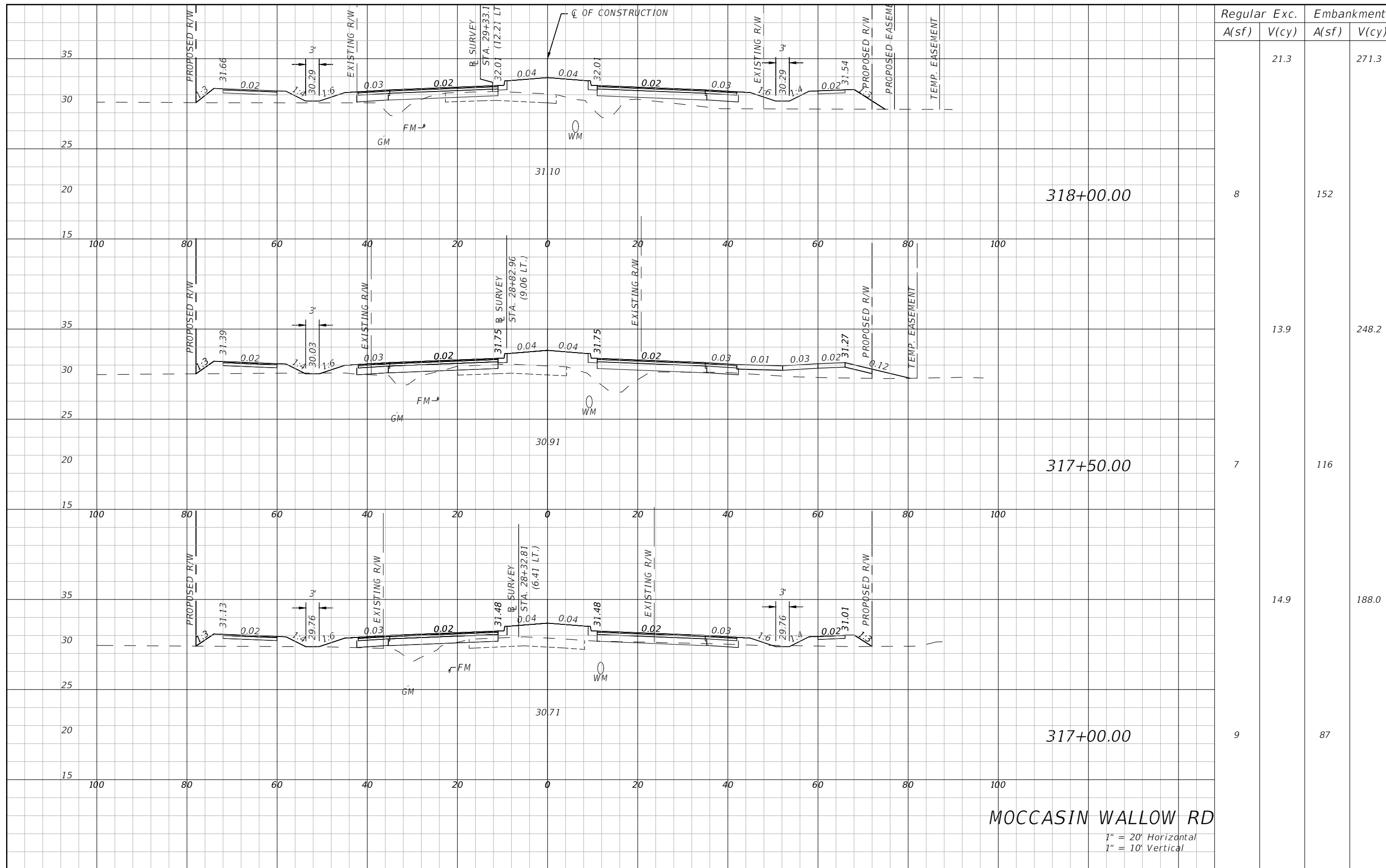
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (16)

SHEET NO.
114

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
318+00.00	8	21.3			152	271.3
317+50.00	7	13.9			116	248.2
317+00.00	9	14.9			87	188.0

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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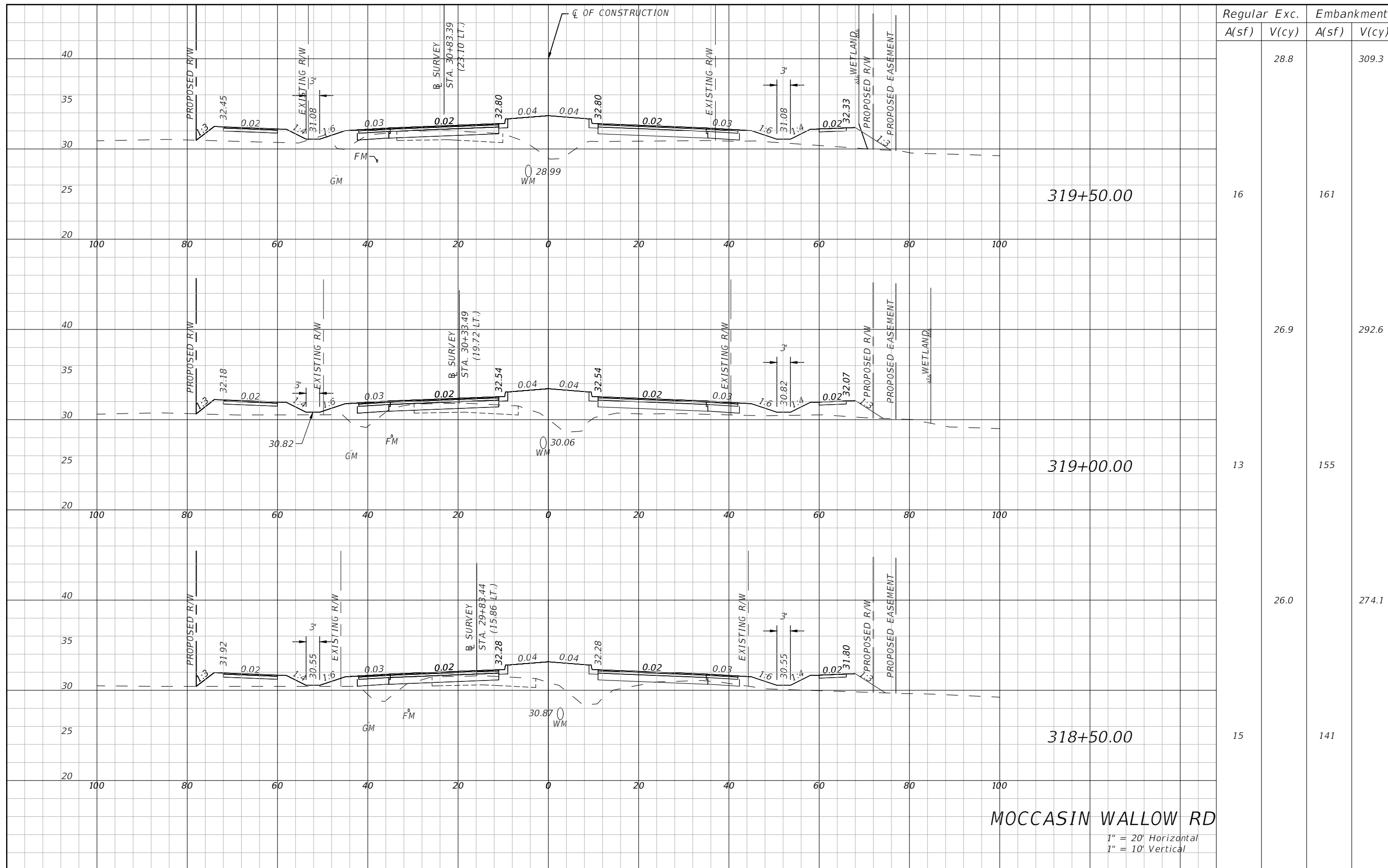
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (17)

SHEET NO.
115

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)

	28.8		309.3
16		161	
	26.9		292.6
13		155	
	26.0		274.1
15		141	

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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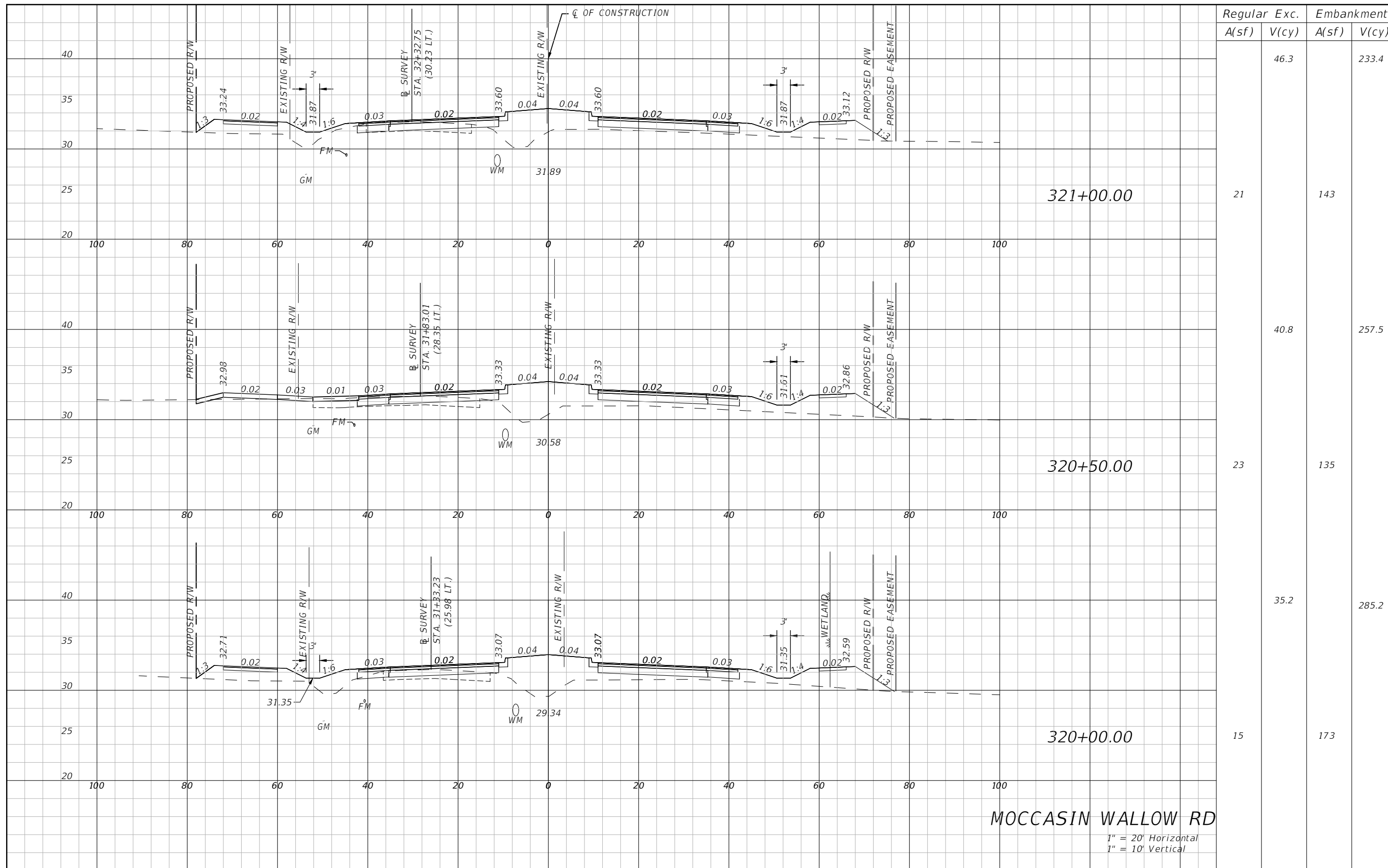
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (18)

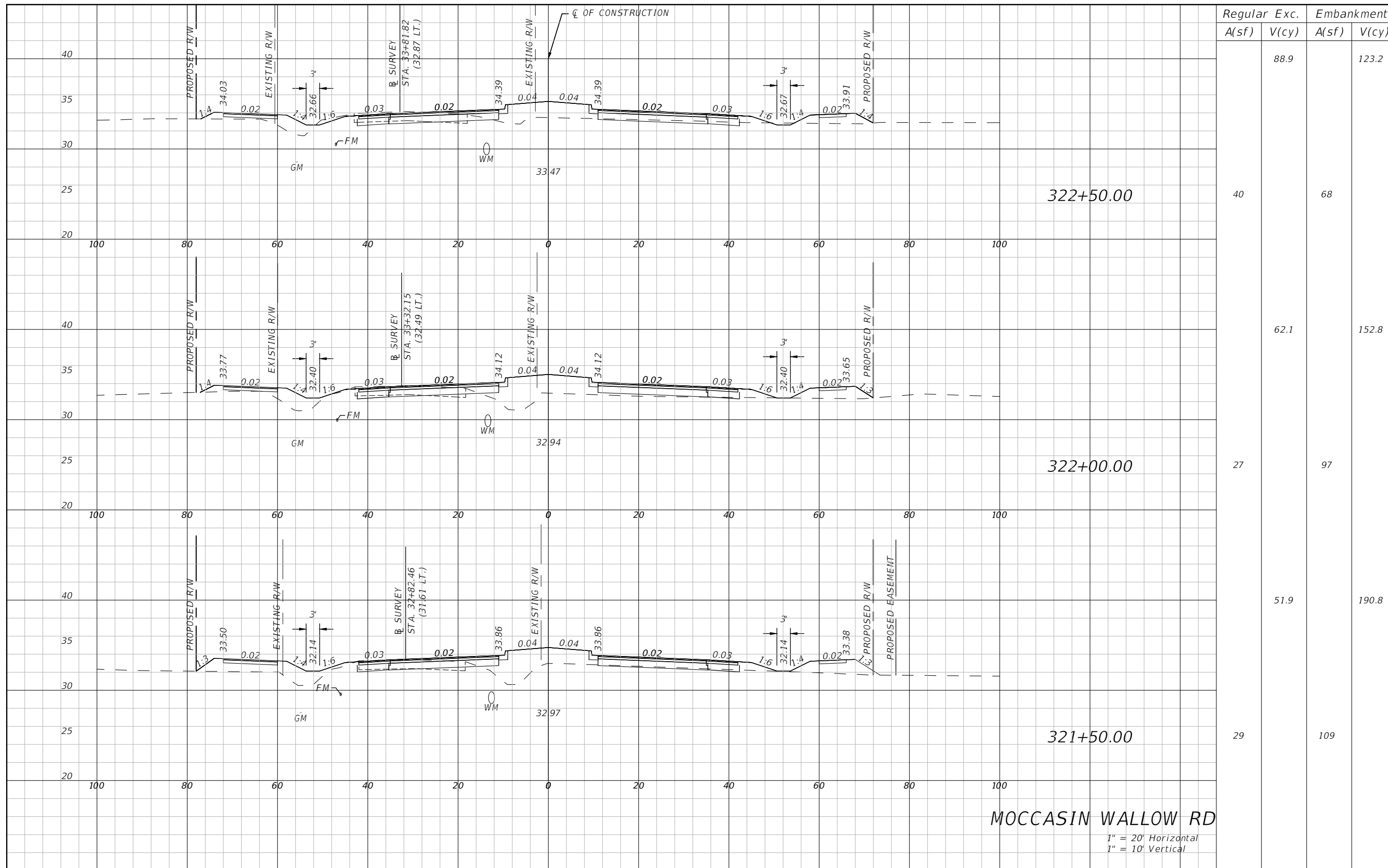
SHEET NO.
116

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				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. CROSS SECTION (19) 117
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	FINANCIAL PROJECT ID	
---	---	---	---	MOCCASIN WALLOW RD	6092560		



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
322+50.00	40	88.9	68		123.2	
322+00.00	27	62.1	97		152.8	
321+50.00	29	51.9	109		190.8	

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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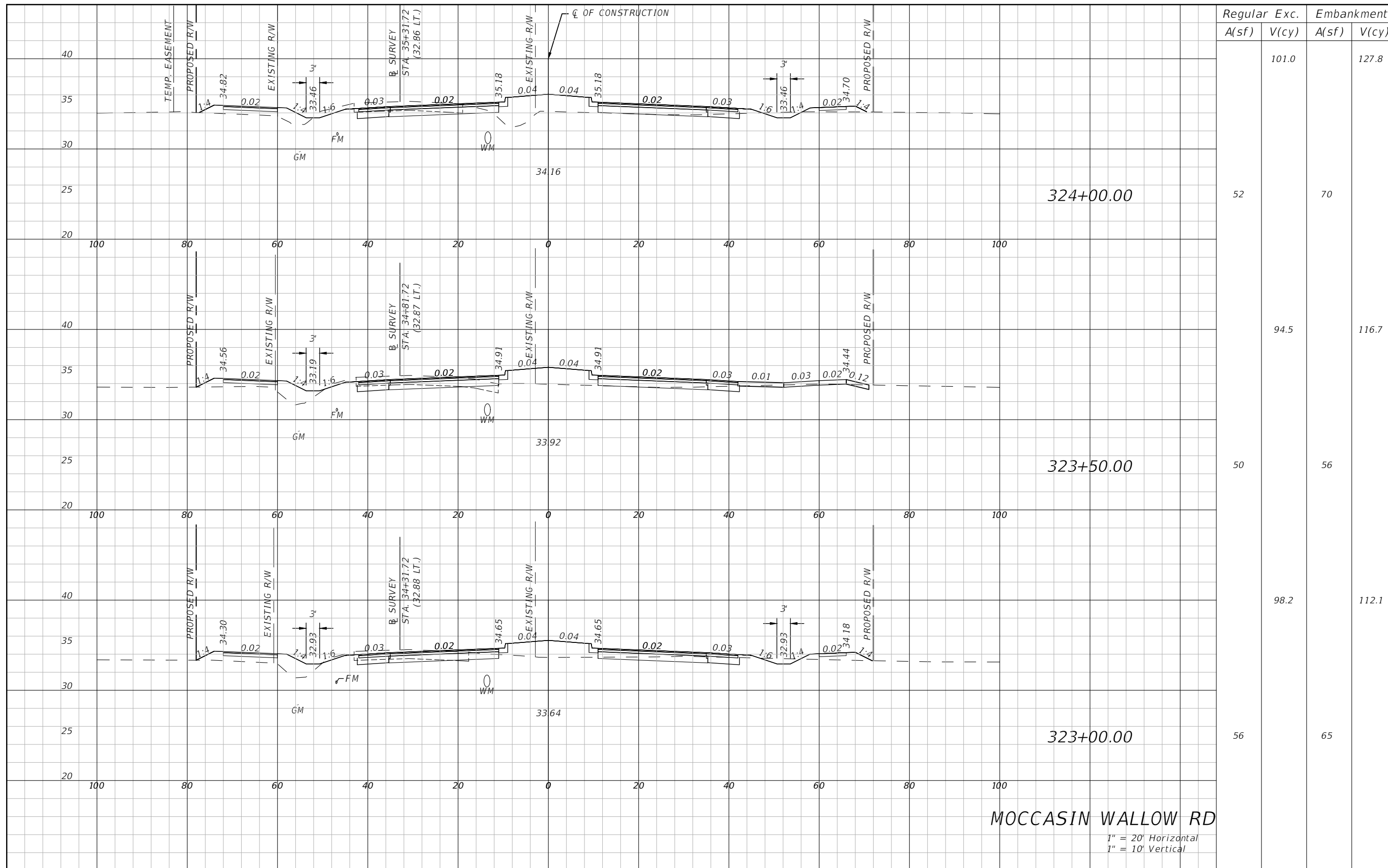
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (20)

SHEET NO.
118

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)	A(sf)	V(cy)
	101.0			127.8	
52		70			
	94.5			116.7	
50		56			
	98.2			112.1	
56		65			

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

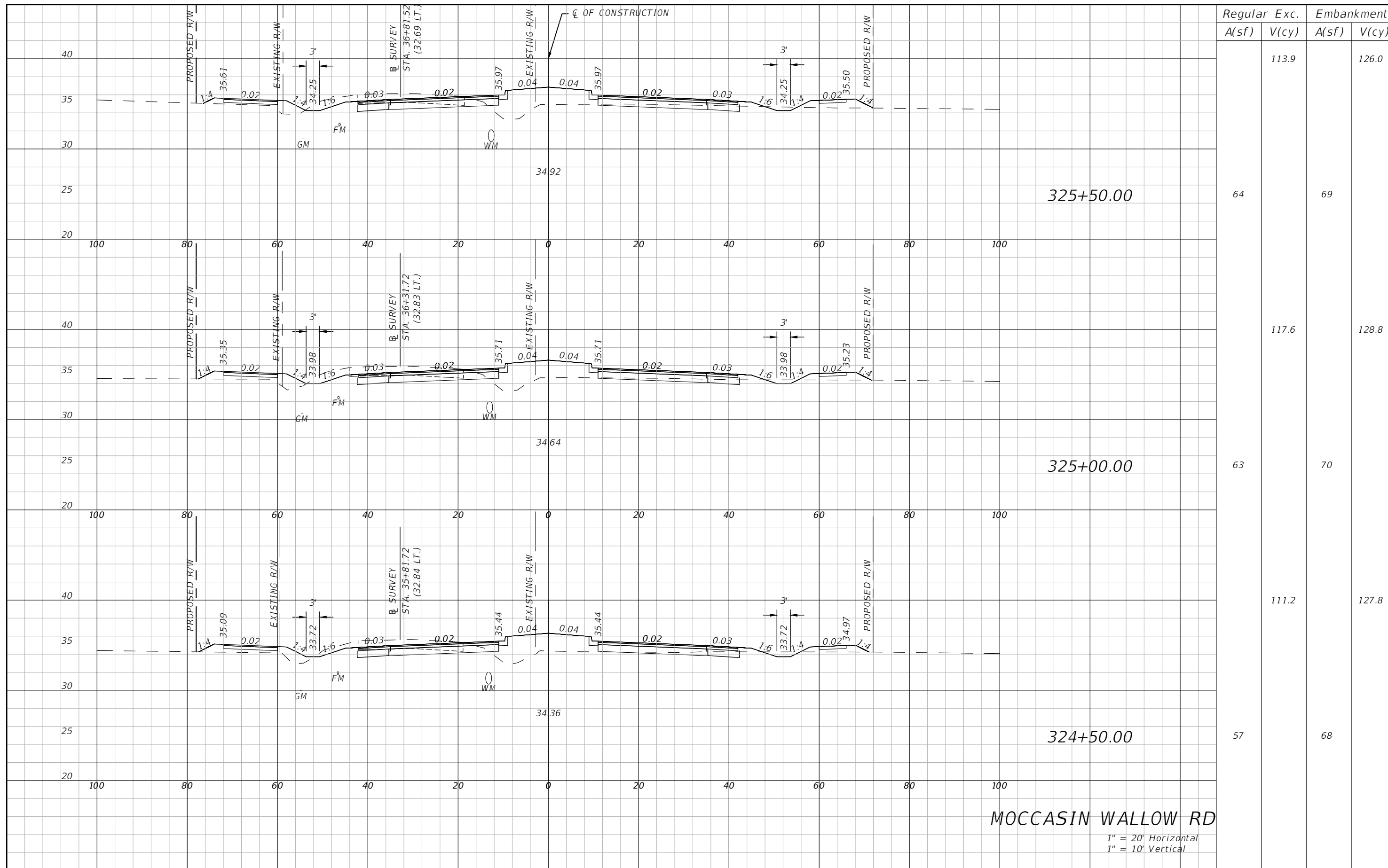
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (21)
 SHEET NO.
 119

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)	A(sf)	V(cy)
64	113.9	69			126.0
63	117.6	70			128.8
57	111.2	68			127.8

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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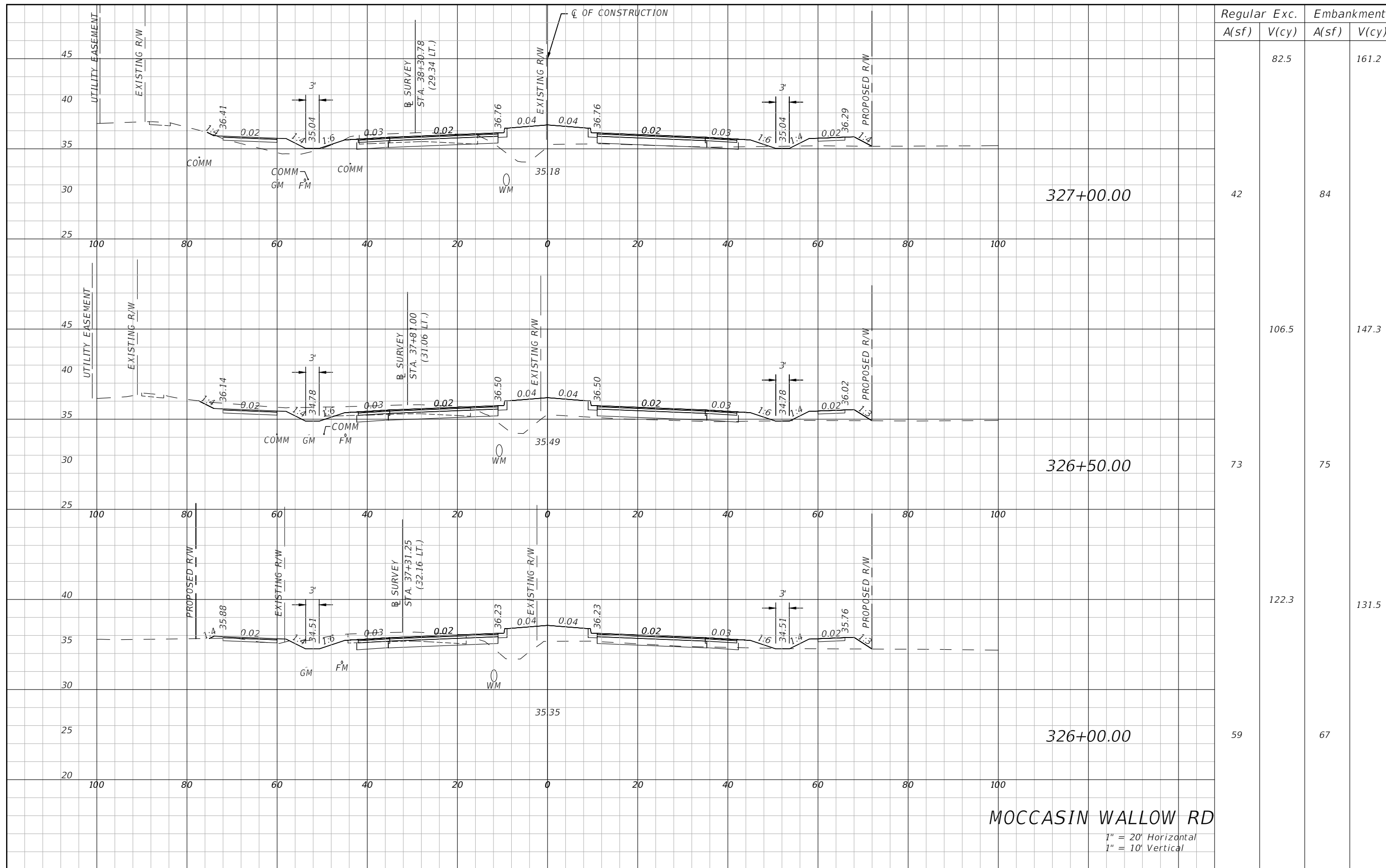
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (22)

SHEET NO.
120

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
327+00.00	42	82.5	84	161.2		
326+50.00	73	106.5	75	147.3		
326+00.00	59	122.3	67	131.5		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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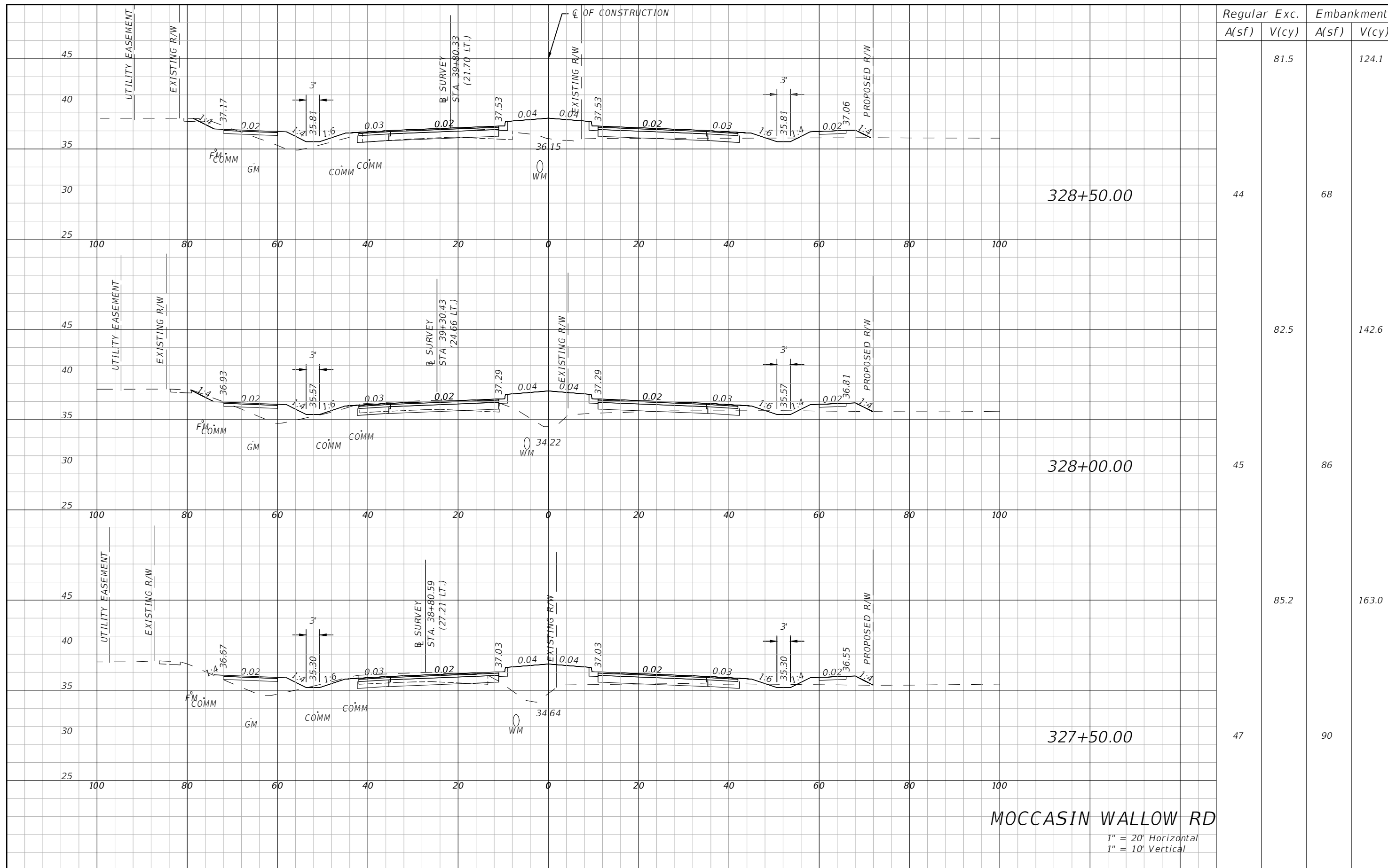
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (23)

SHEET NO.
121

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
327+50.00	85.2	90				
328+00.00	45	86				
328+50.00	44	68				

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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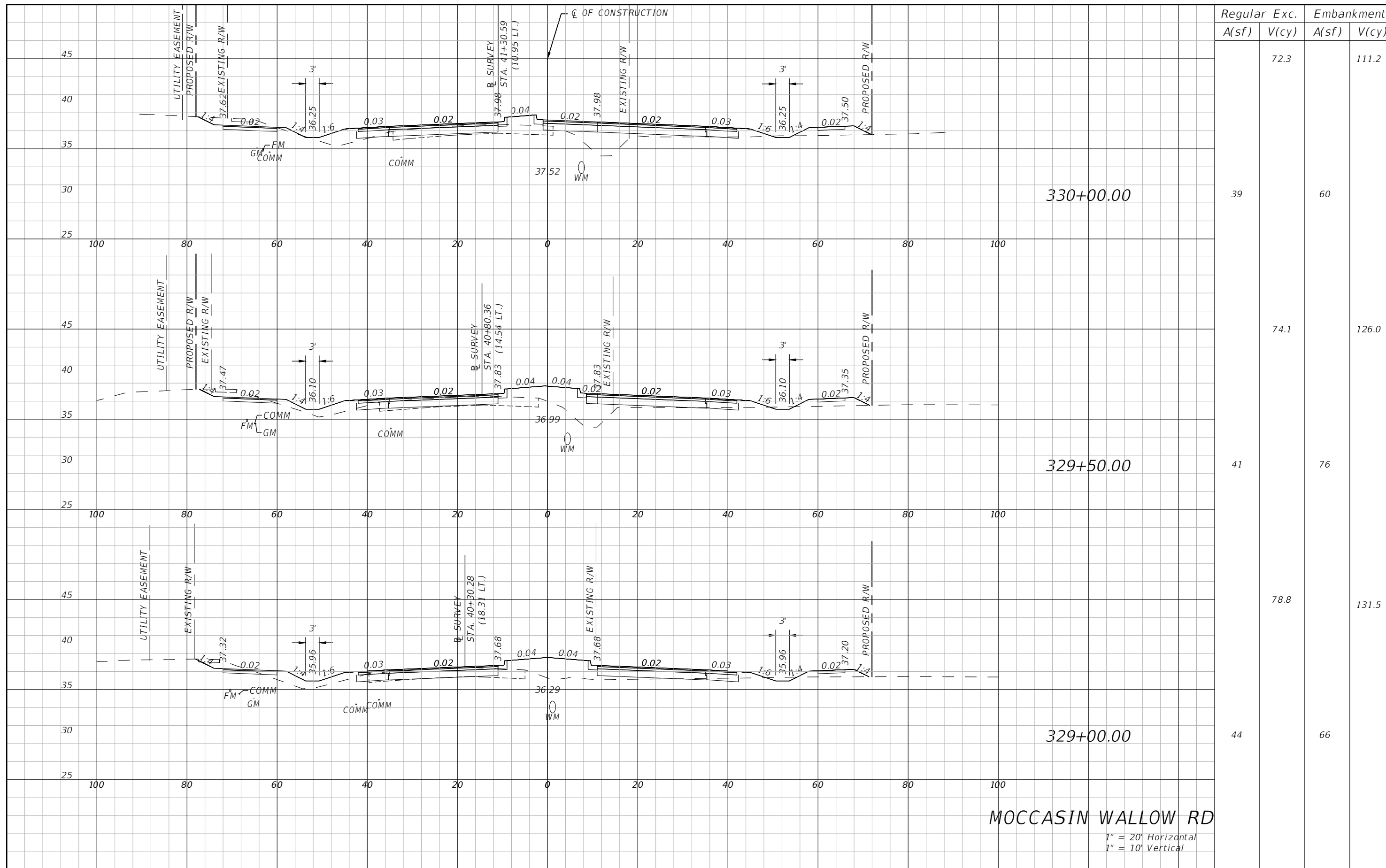
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (24)

SHEET NO.
122

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



MOCCASIN WALLOW RD

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

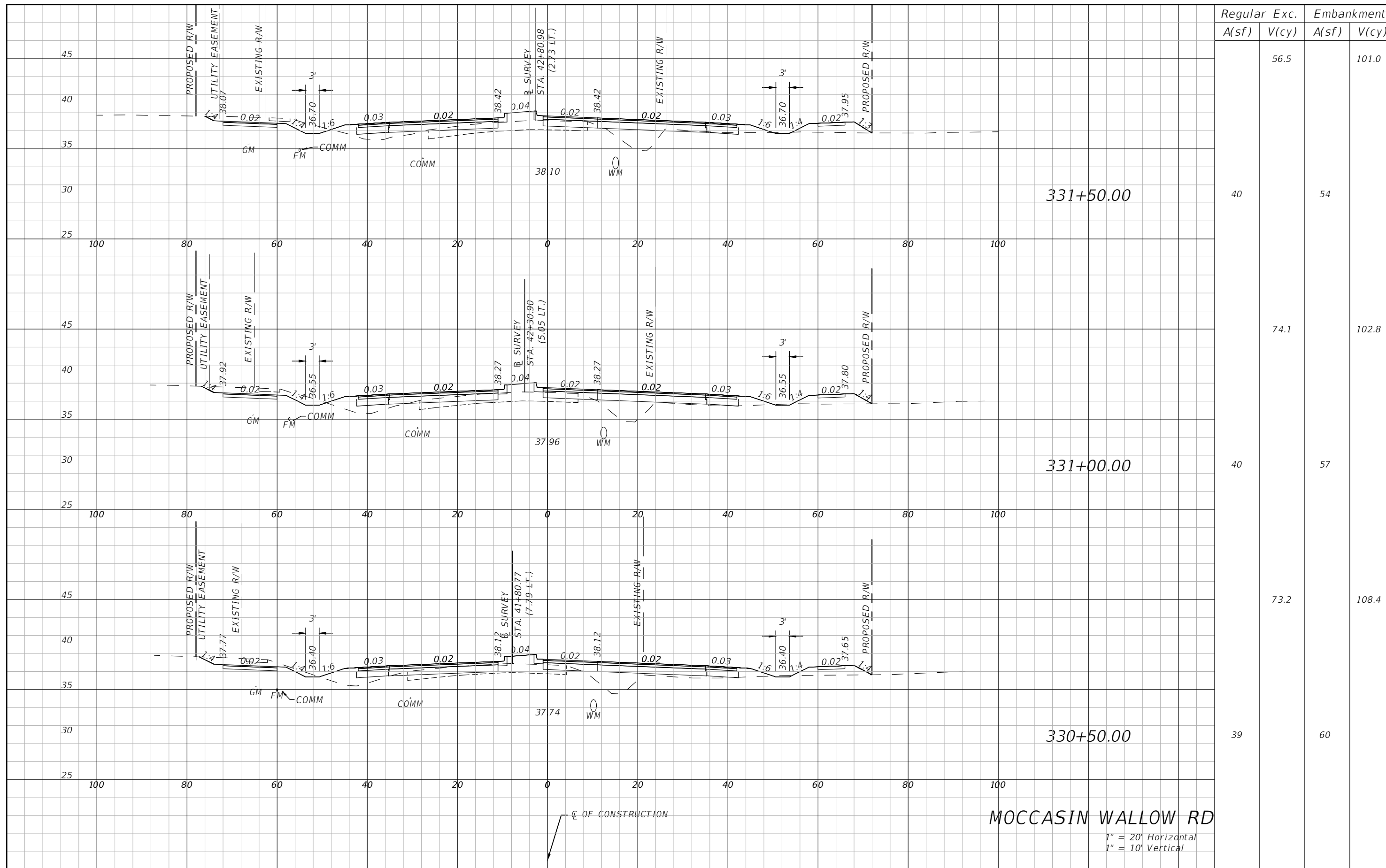
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

<p>CROSS SECTION (25)</p>	<p>SHEET NO.</p> <p>123</p>
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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.



MOCCASIN WALLOW RD

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

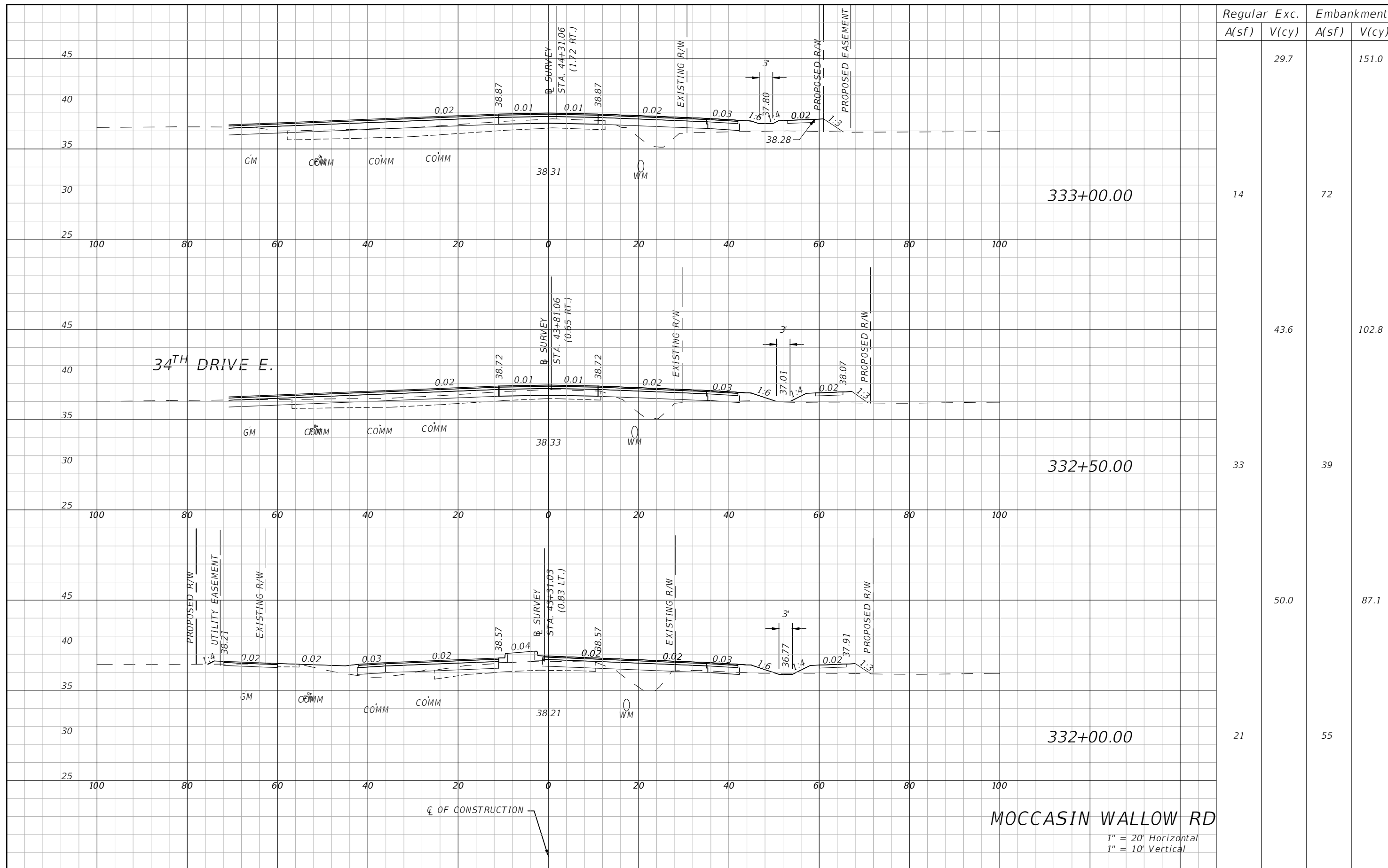
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (26)	SHEET NO. 124
---------------------------	-------------------------

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
333+00.00	14	29.7	72			151.0
332+50.00	33	43.6	39			102.8
332+00.00	21	50.0	55			87.1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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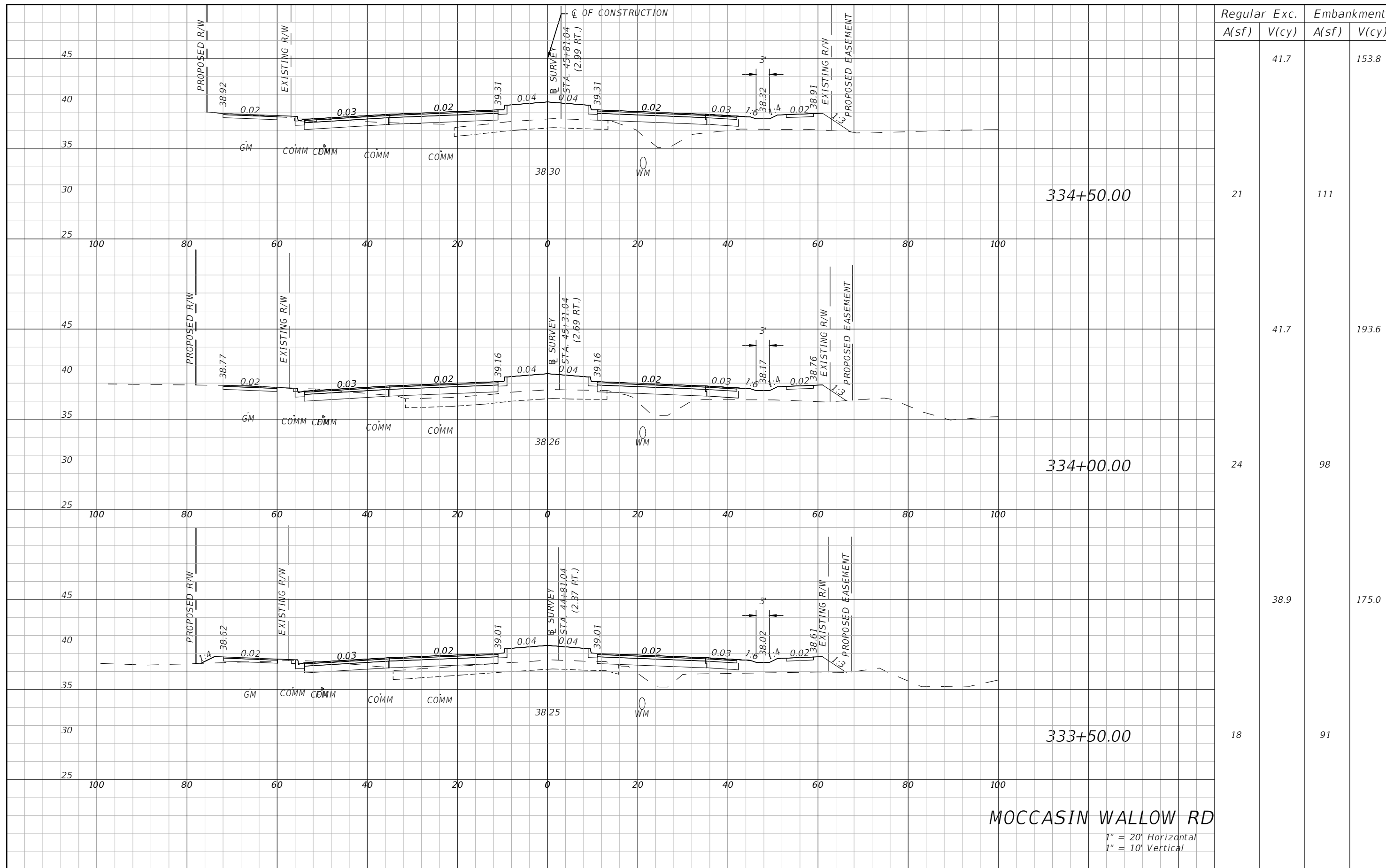
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (27)

SHEET NO.
125

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
334+50.00	21		41.7		111	153.8
334+00.00	24		41.7		98	193.6
333+50.00	18		38.9		91	175.0

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

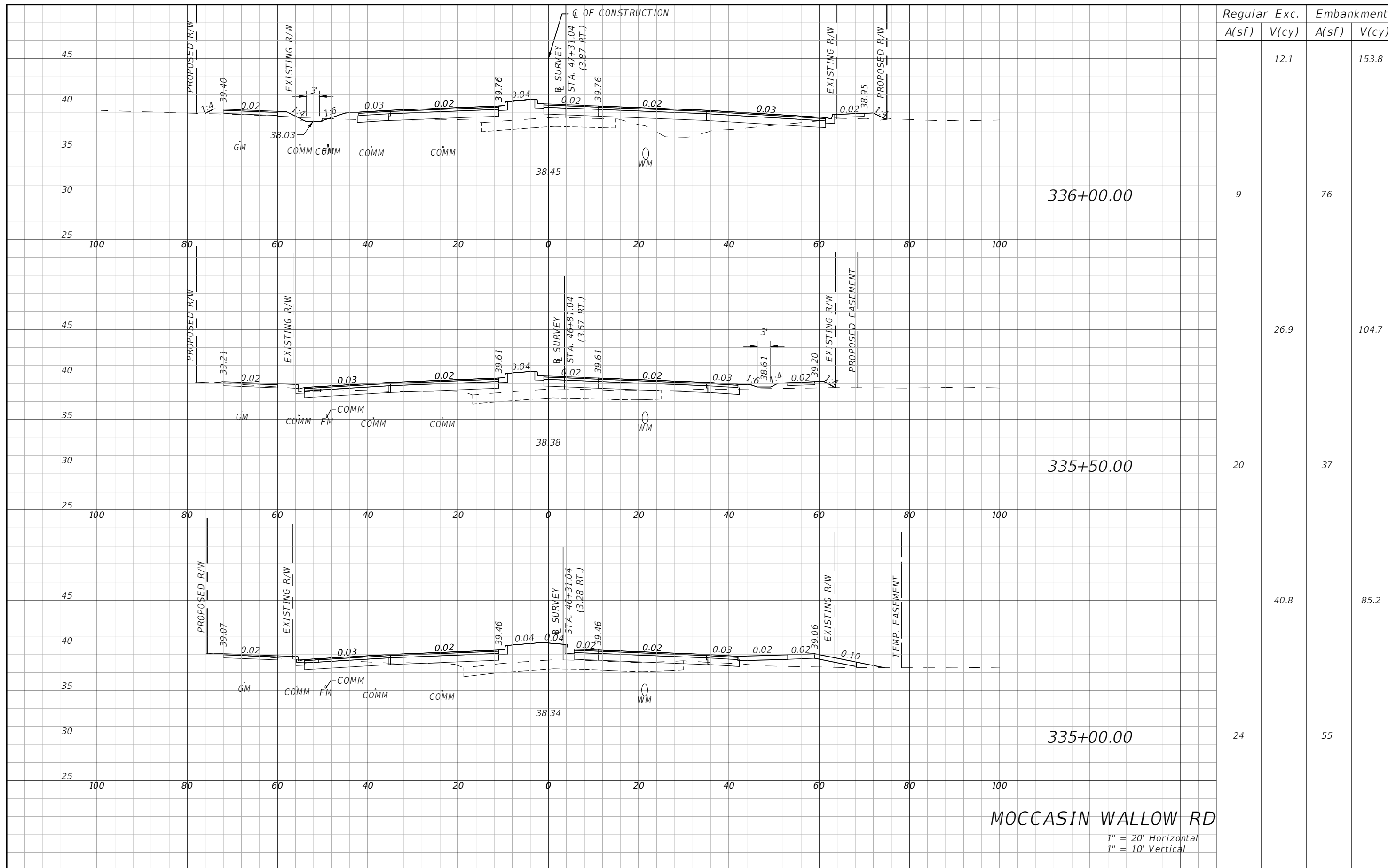
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (28)	
SHEET NO. 126	

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)	A(sf)	V(cy)
	12.1			153.8	
9		76			
	26.9			104.7	
20		37			
	40.8			85.2	
24		55			

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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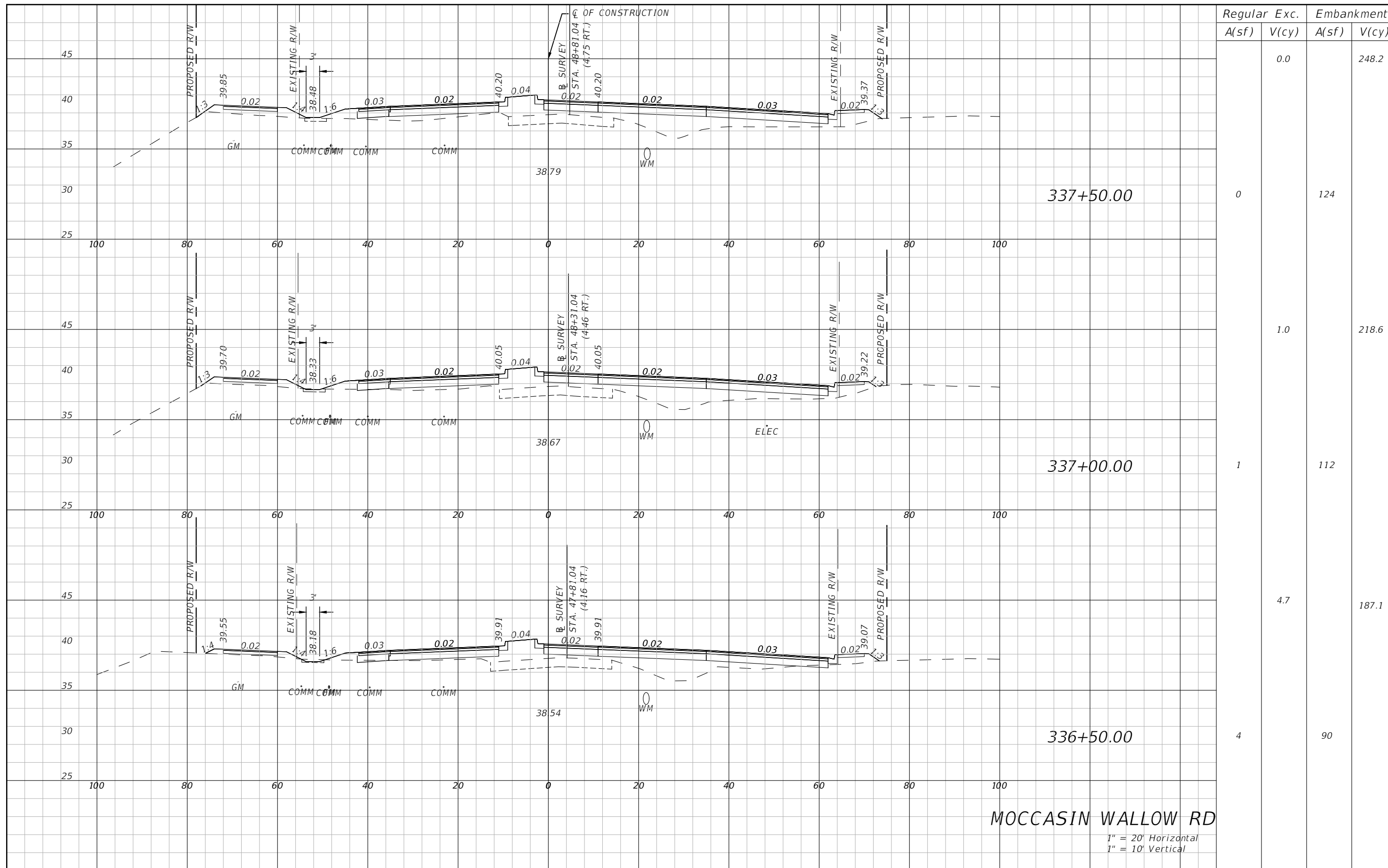
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (29)

SHEET NO.
127

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
337+50.00	0	0.0	124	0.0	248.2	0.0
337+00.00	1	1.0	112	0.0	218.6	0.0
336+50.00	4	4.7	90	0.0	187.1	0.0

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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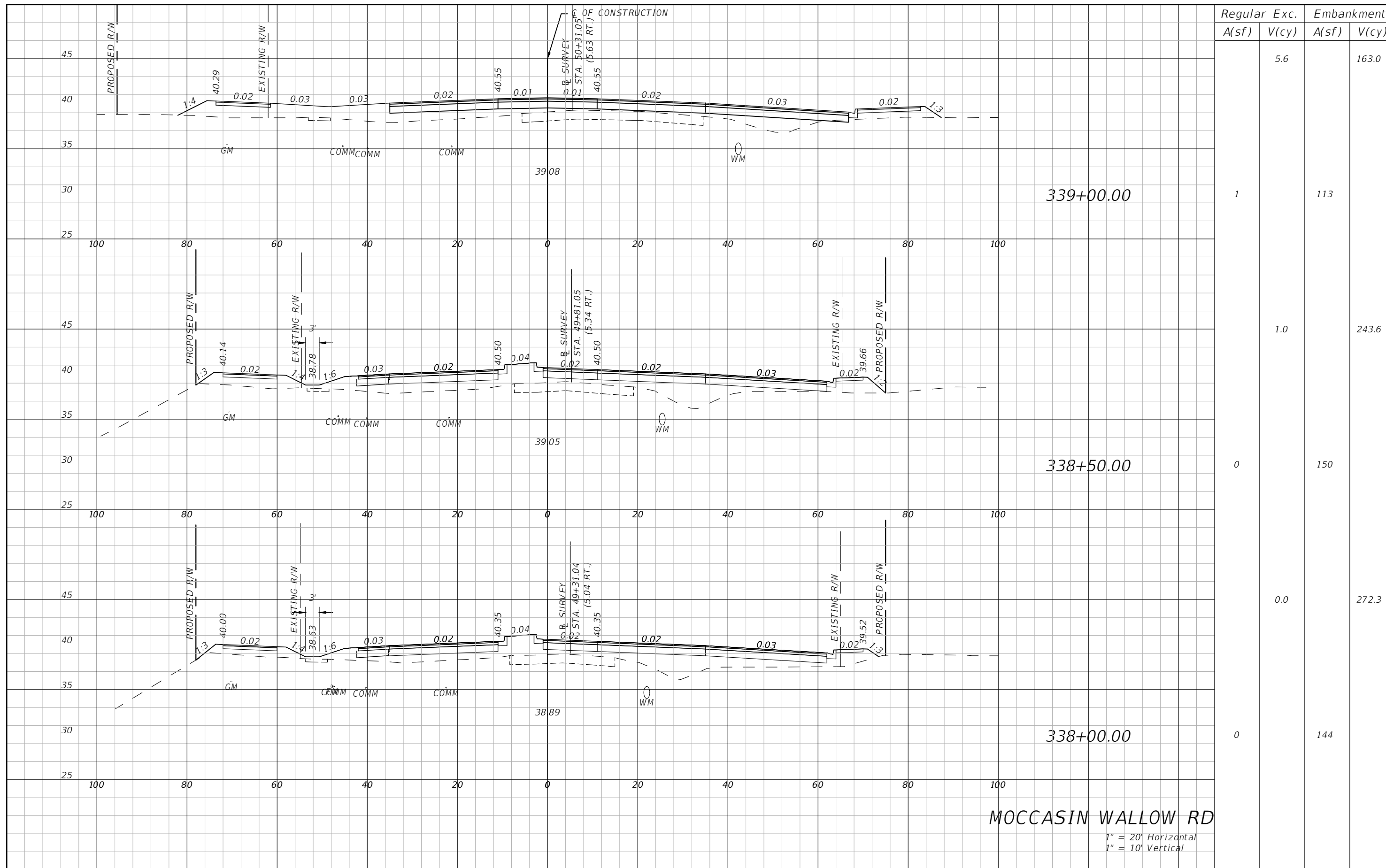
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (30)

SHEET NO.
128

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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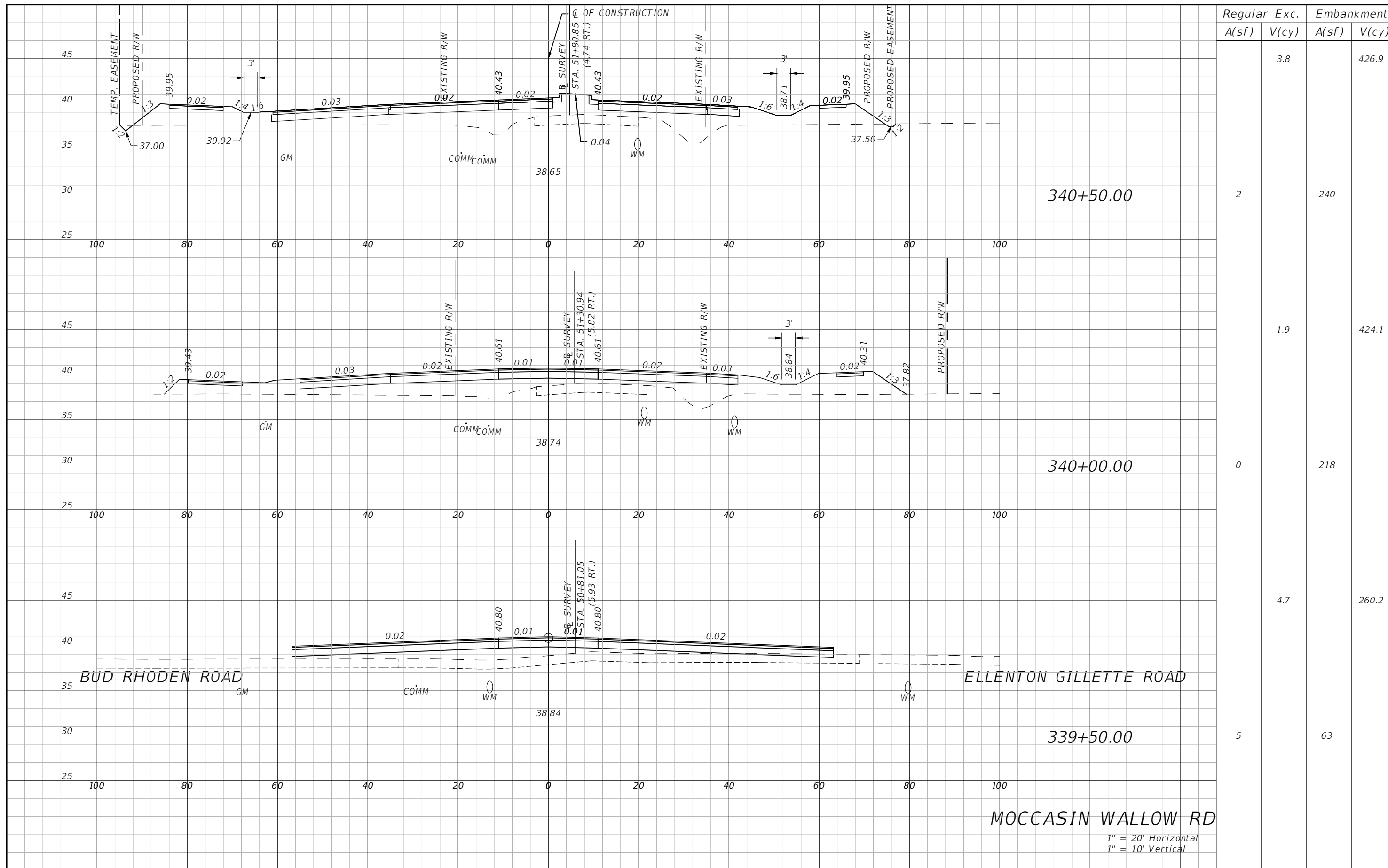
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (31)

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.



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
	3.8			426.9	
2		240			
	1.9			424.1	
0		218			
	4.7			260.2	
5		63			

BUD RHODEN ROAD

ELLENTON GILLETTE ROAD

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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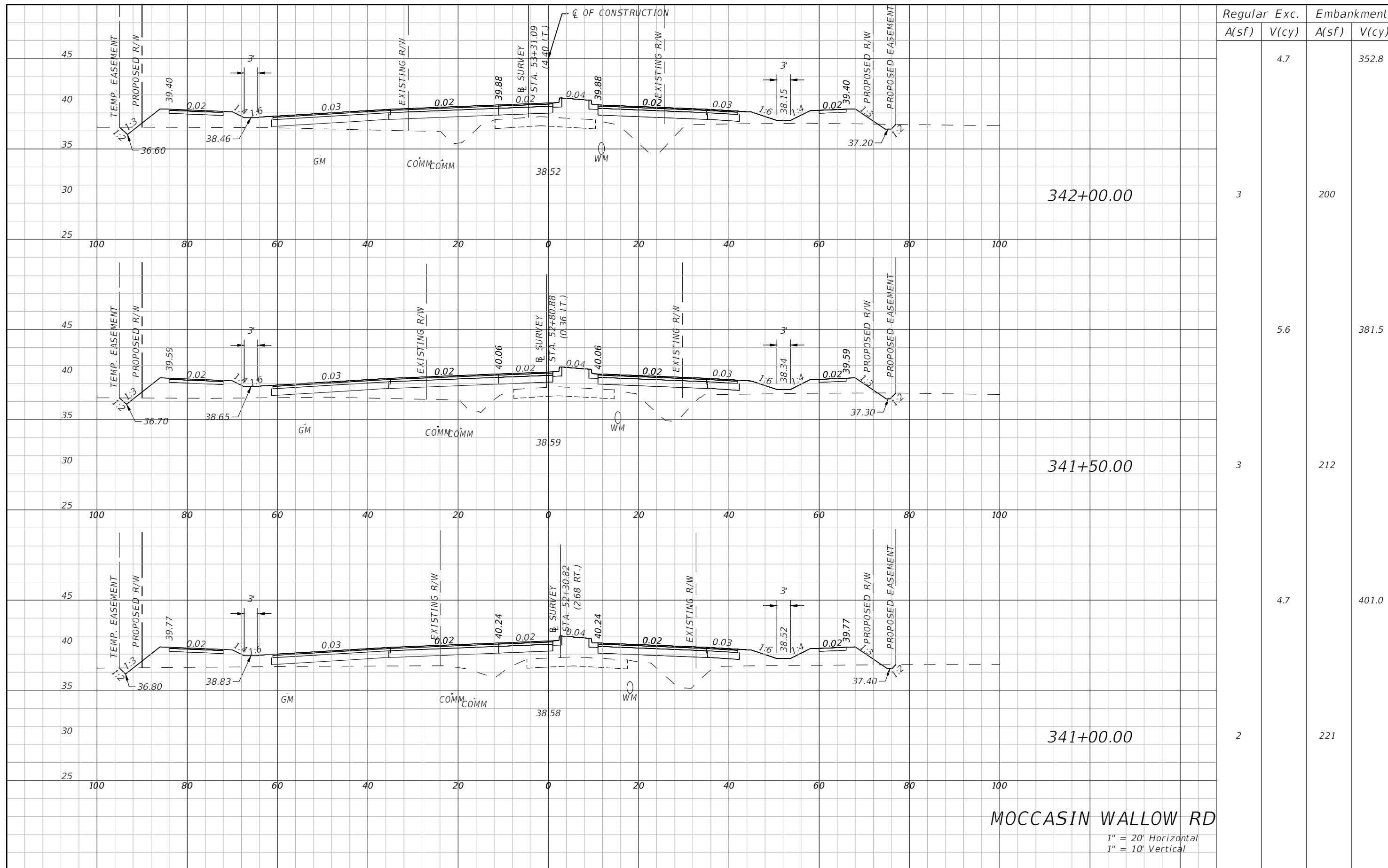
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (32)

SHEET NO.
130

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
342+00.00	3	4.7			200	352.8
341+50.00	3	5.6			212	381.5
341+00.00	2	4.7			221	401.0

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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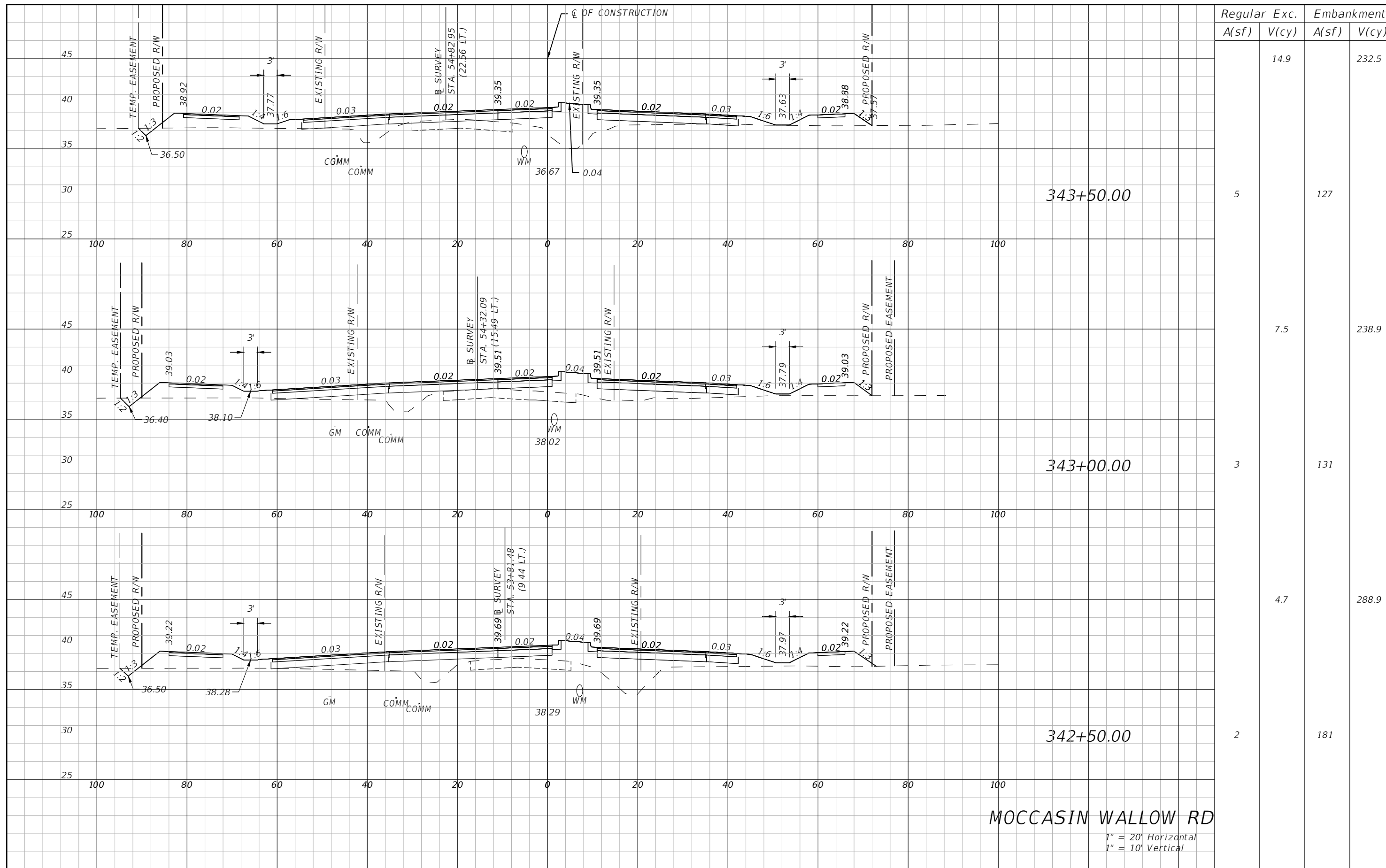
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (33)

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.



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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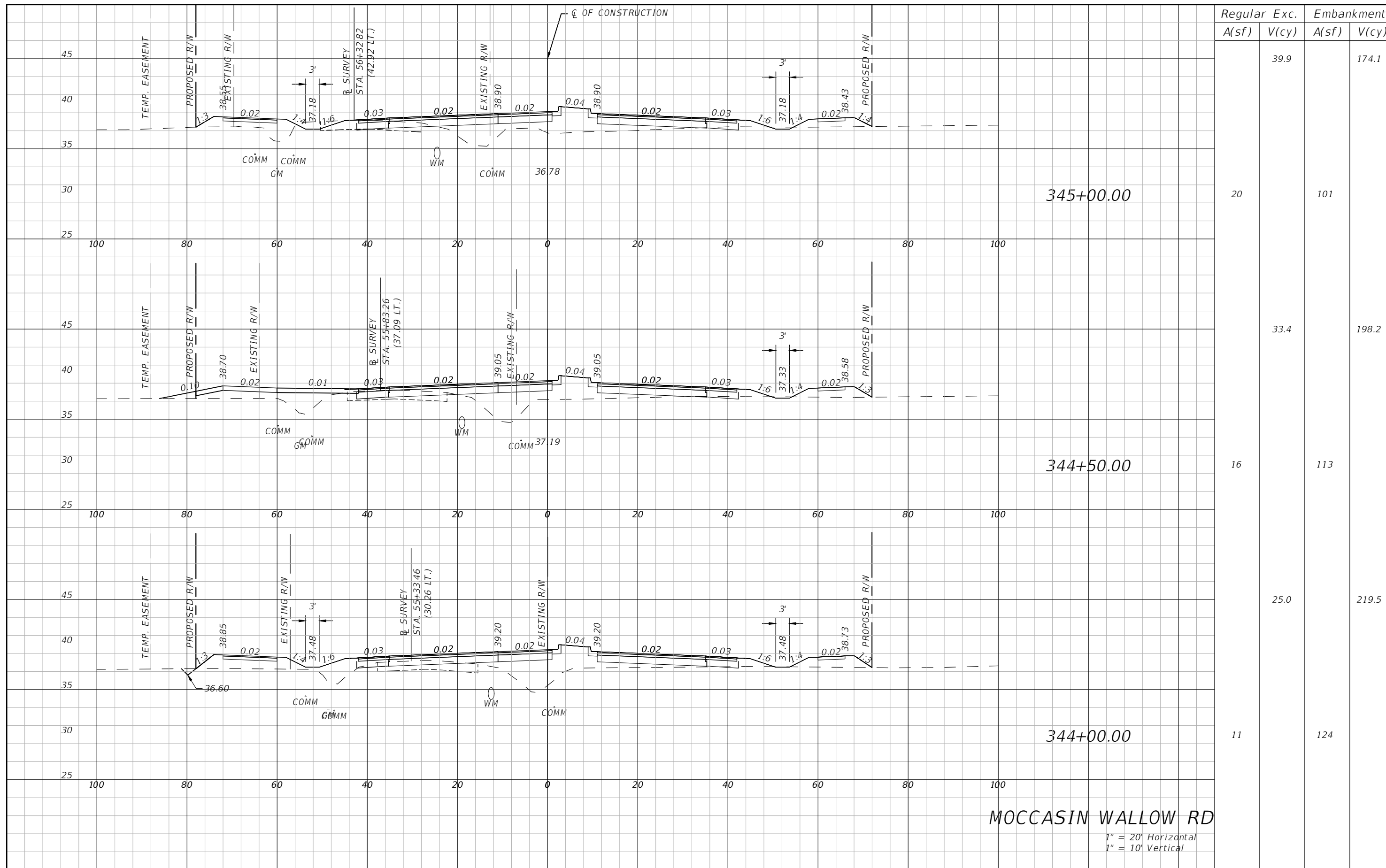
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (34)

SHEET NO.
132

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



MOCCASIN WALLOW RD

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

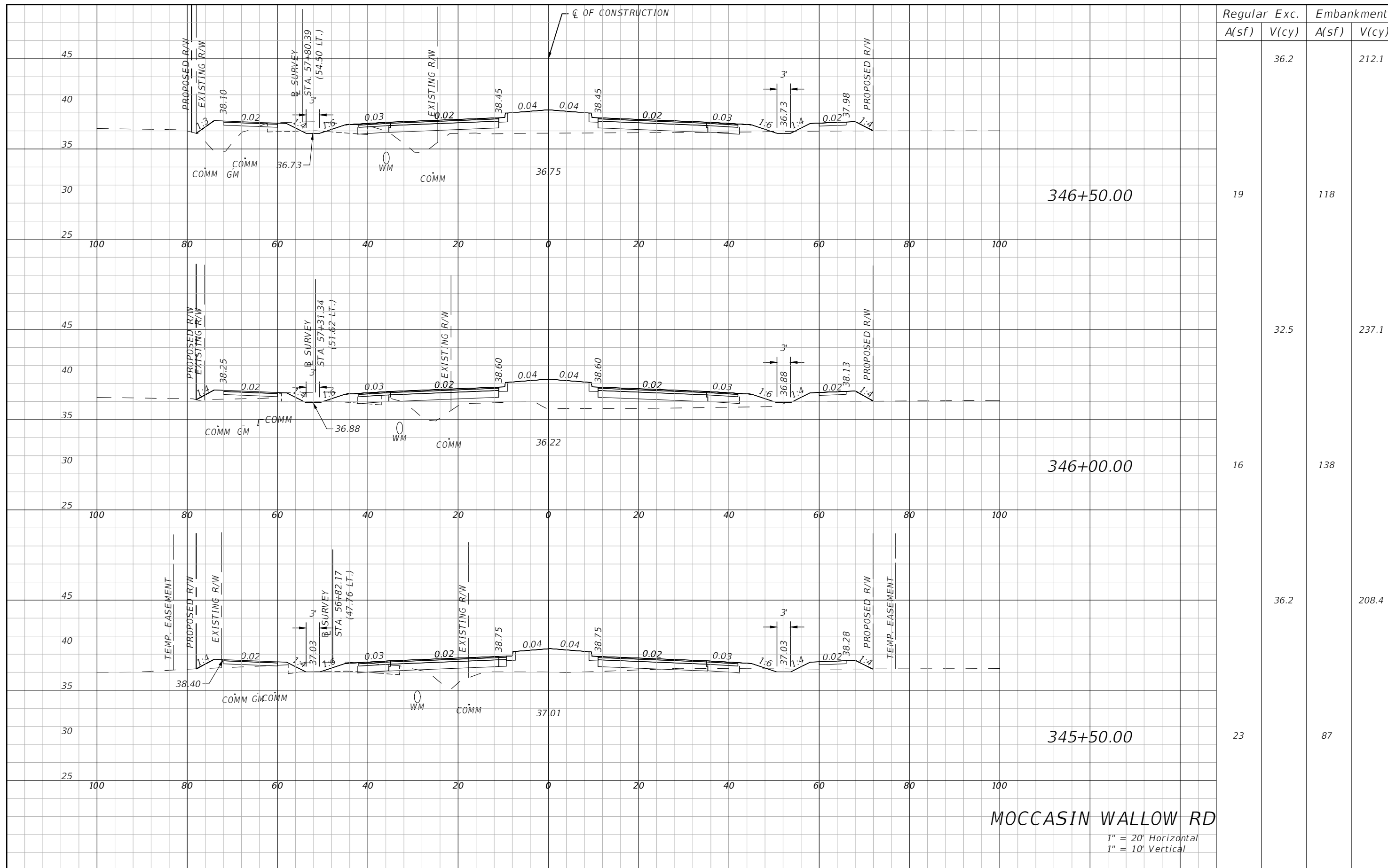
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (35)

SHEET NO.
133



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
346+50.00	19	36.2	118	118	118	212.1
346+00.00	16	32.5	138	138	138	237.1
345+50.00	23	36.2	87	87	87	208.4

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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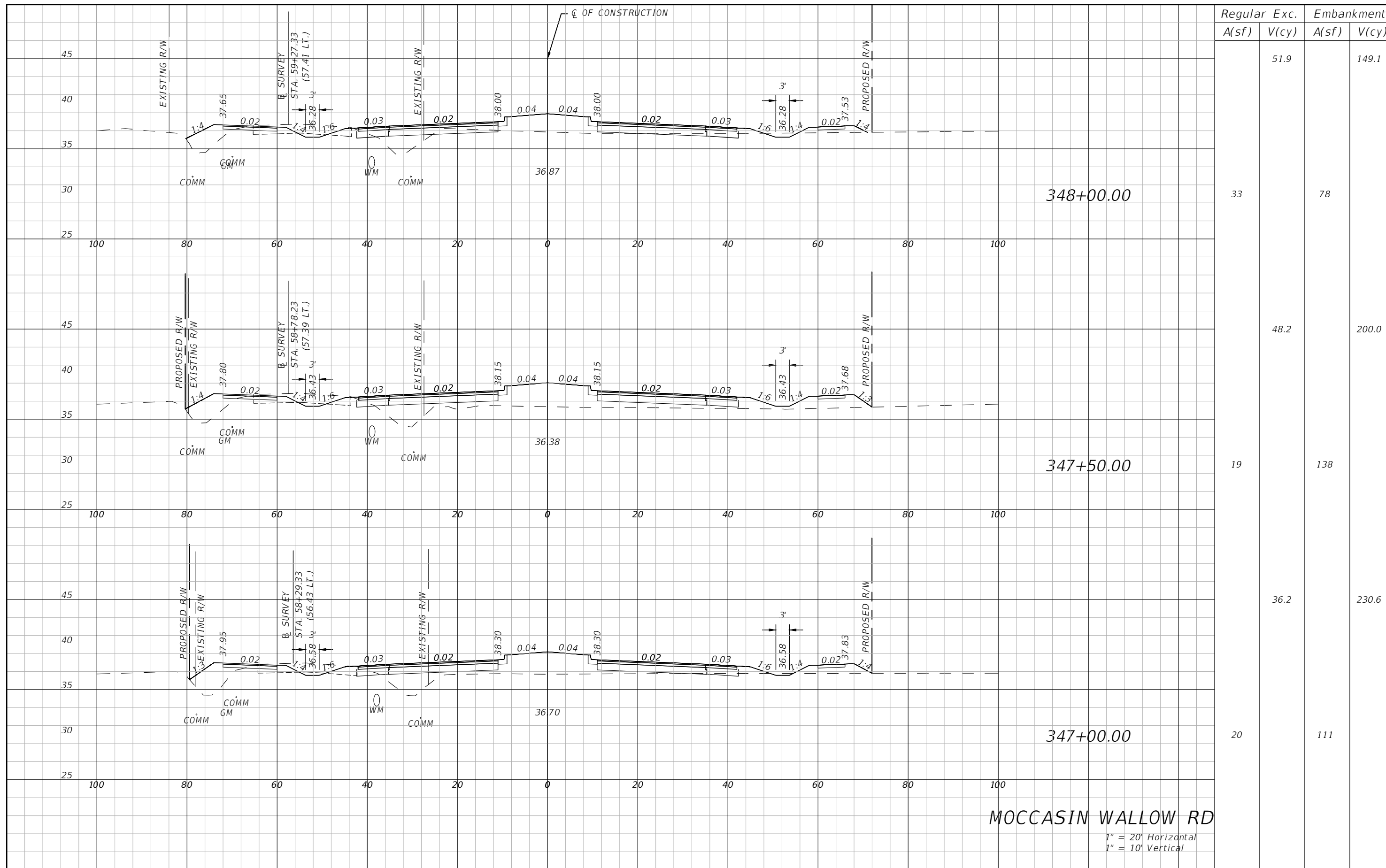
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (36)

SHEET NO.
134

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
348+00.00	33			51.9	78	149.1
347+50.00	19			48.2	138	200.0
347+00.00	20			36.2	111	230.6

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

SHEET NO.
 CROSS SECTION (37)
 135

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
349+50.00	21	42.6	53		141.7	
349+00.00	20	38.0	108		149.1	
348+50.00	23	39.9	83		176.9	

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (38)

SHEET NO.
136

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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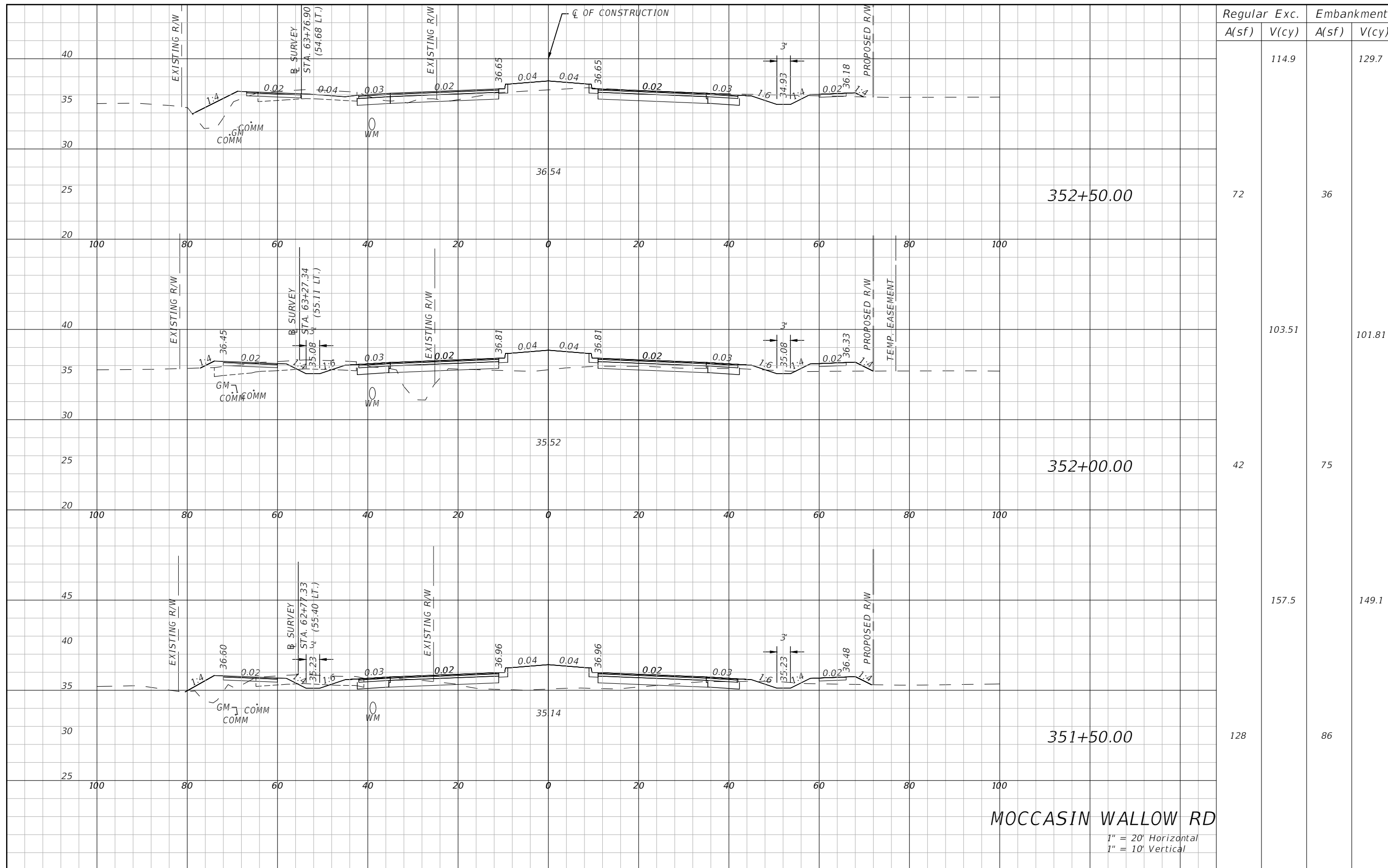
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (39)

SHEET NO.
137

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)
72	114.9	36	129.7
42	103.51	75	101.81
128	157.5	86	149.1

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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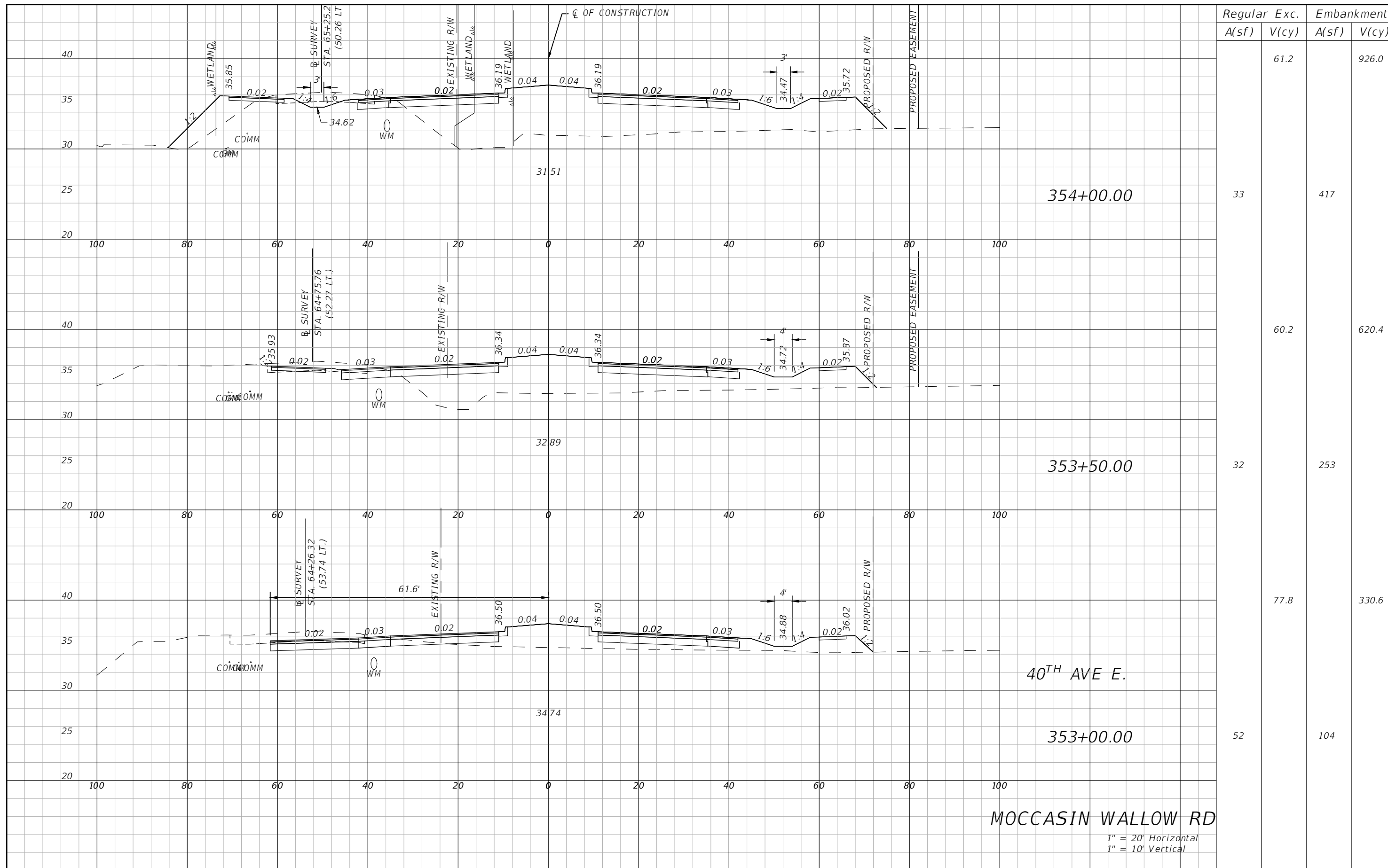
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (40)

SHEET NO.
138

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
354+00.00	33	61.2			417	926.0
353+50.00	32	60.2			253	620.4
353+00.00	52	77.8			104	330.6

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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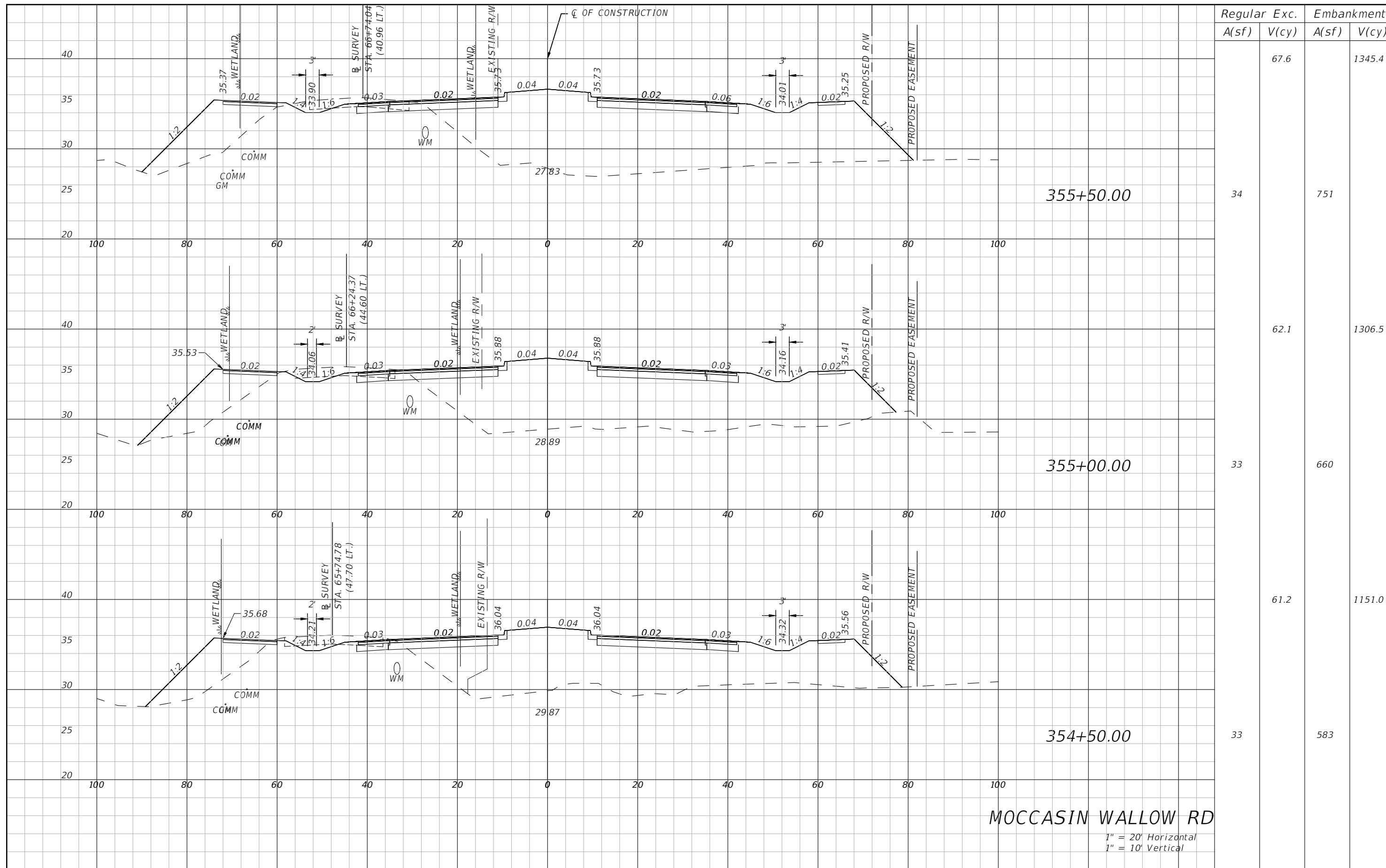
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (41)

SHEET NO.
139

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)

	67.6		1345.4
--	------	--	--------

34		751	
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	62.1		1306.5
--	------	--	--------

33		660	
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	61.2		1151.0
--	------	--	--------

33		583	
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MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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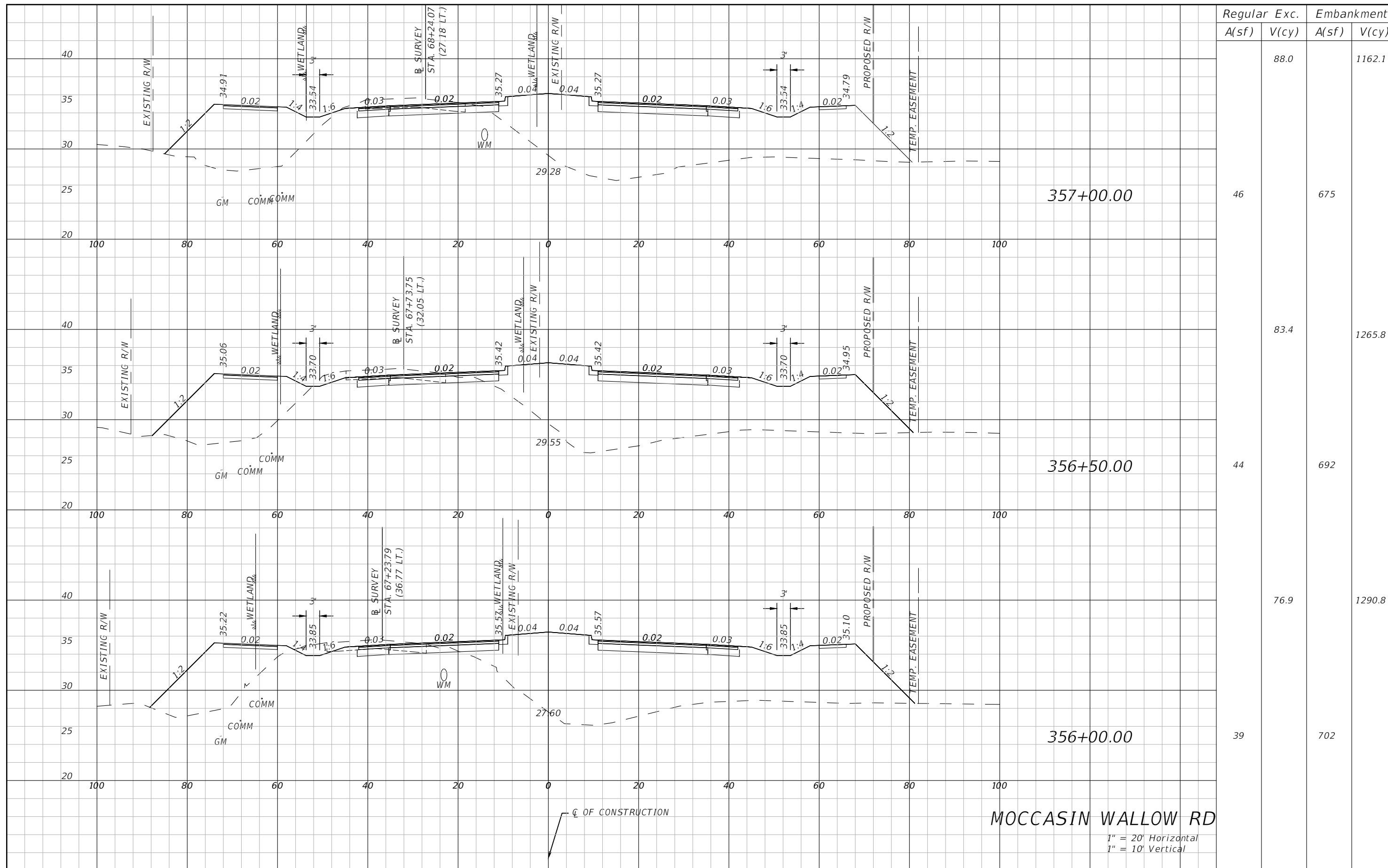
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (42)

SHEET NO.
140

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
357+00.00	46	88.0	675	1162.1		
356+50.00	44	83.4	692	1265.8		
356+00.00	39	76.9	702	1290.8		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (43)

SHEET NO.
141

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)	A(sf)	V(cy)

			133.4		514.9
69		334			
			114.9		710.2
55		433			
			96.3		938.0
49		580			

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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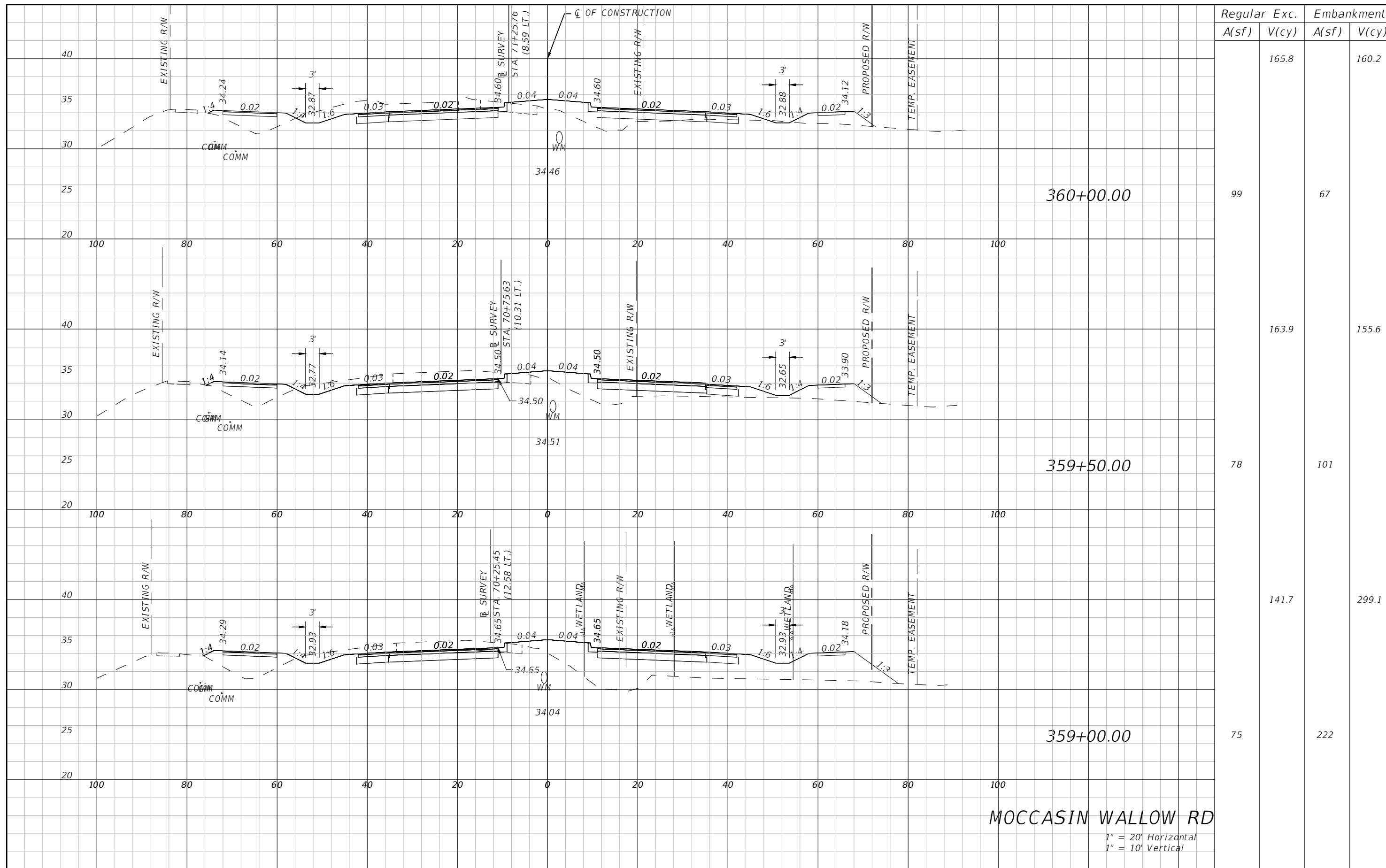
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (44)

SHEET NO.
142

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



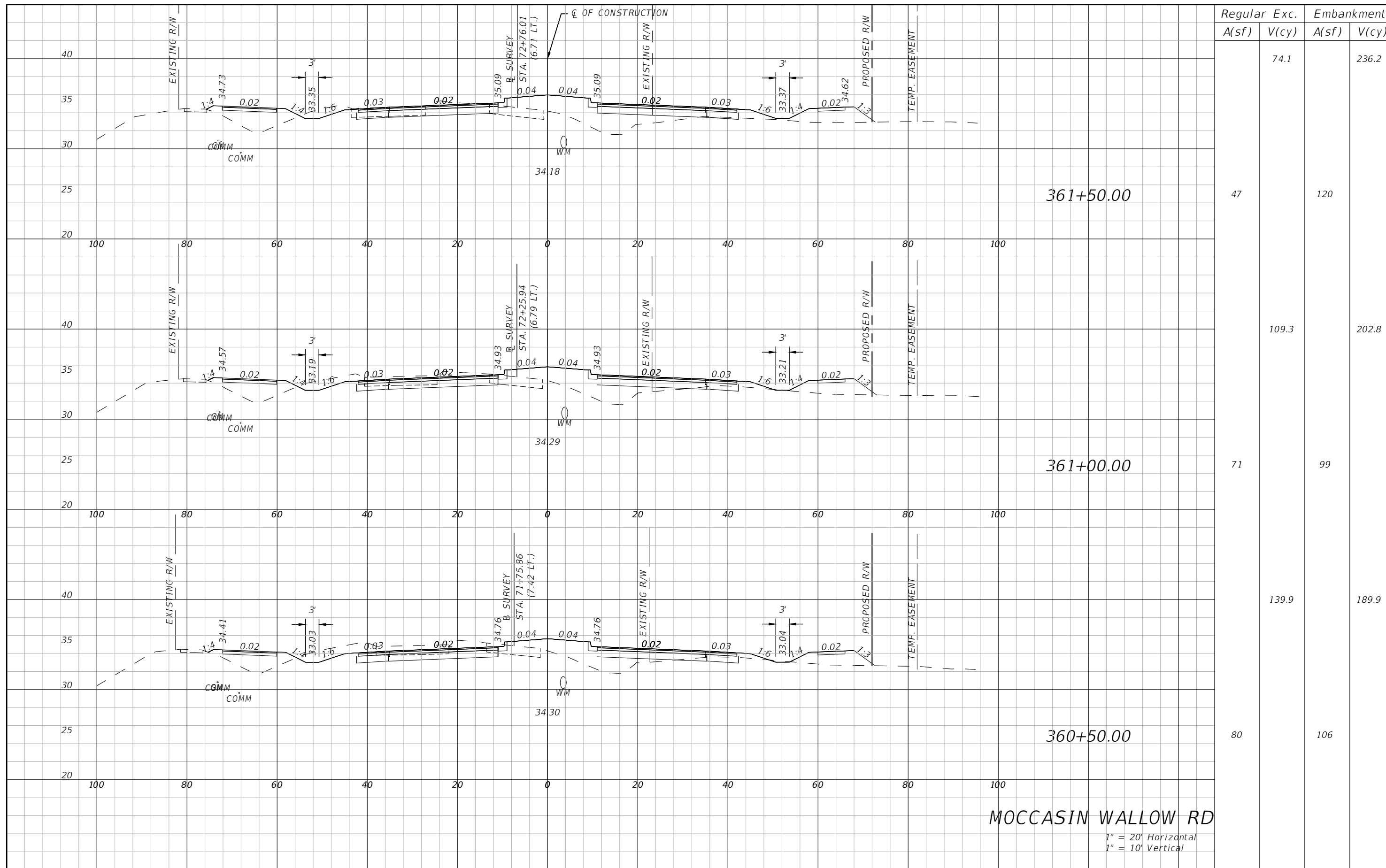
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (45)
SHEET NO.
143

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
361+50.00	47	74.1			120	236.2
361+00.00	71	109.3			99	202.8
360+50.00	80	139.9			106	189.9

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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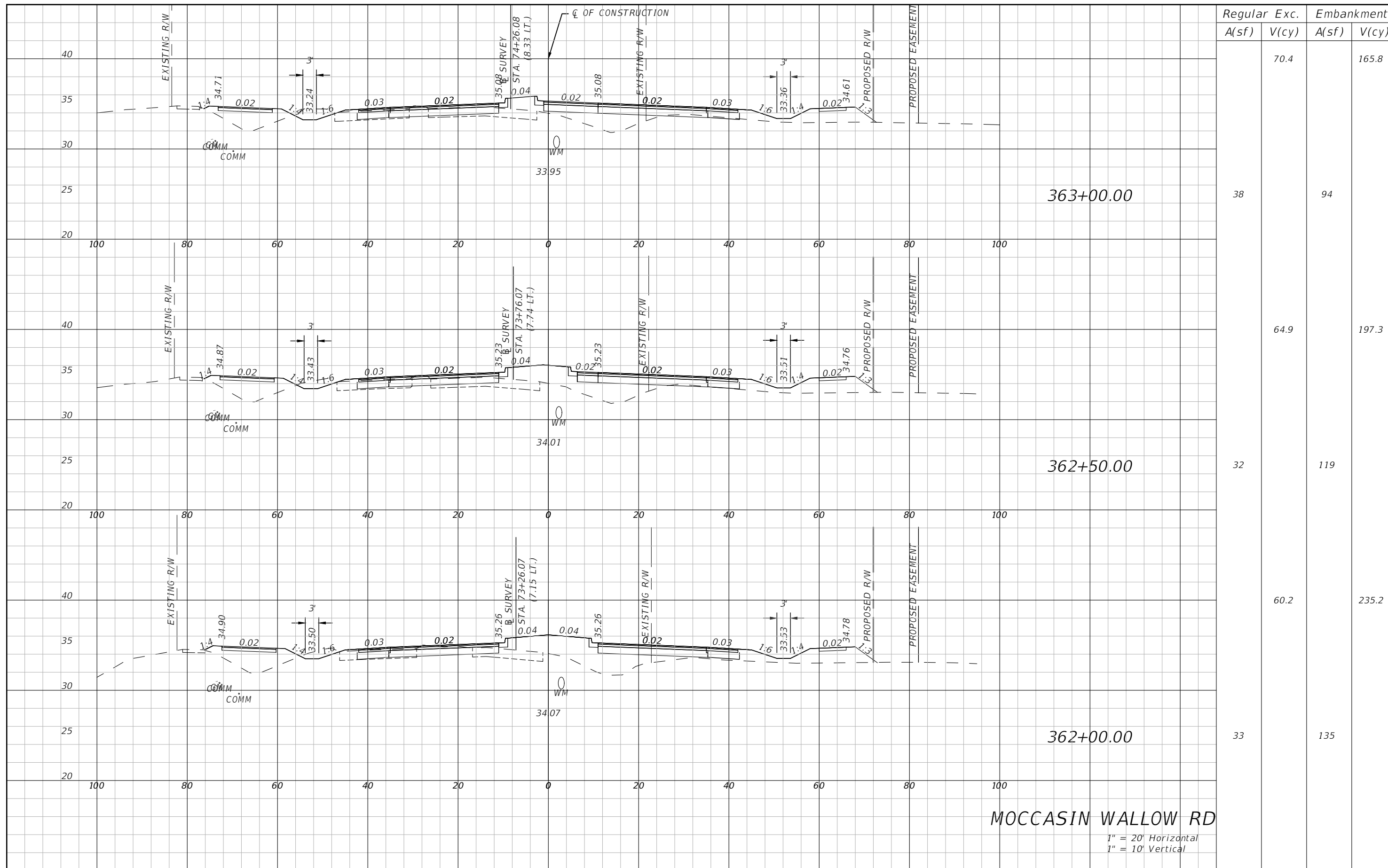
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (46)

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.



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

	70.4		165.8
38		94	
	64.9		197.3
32		119	
	60.2		235.2
33		135	

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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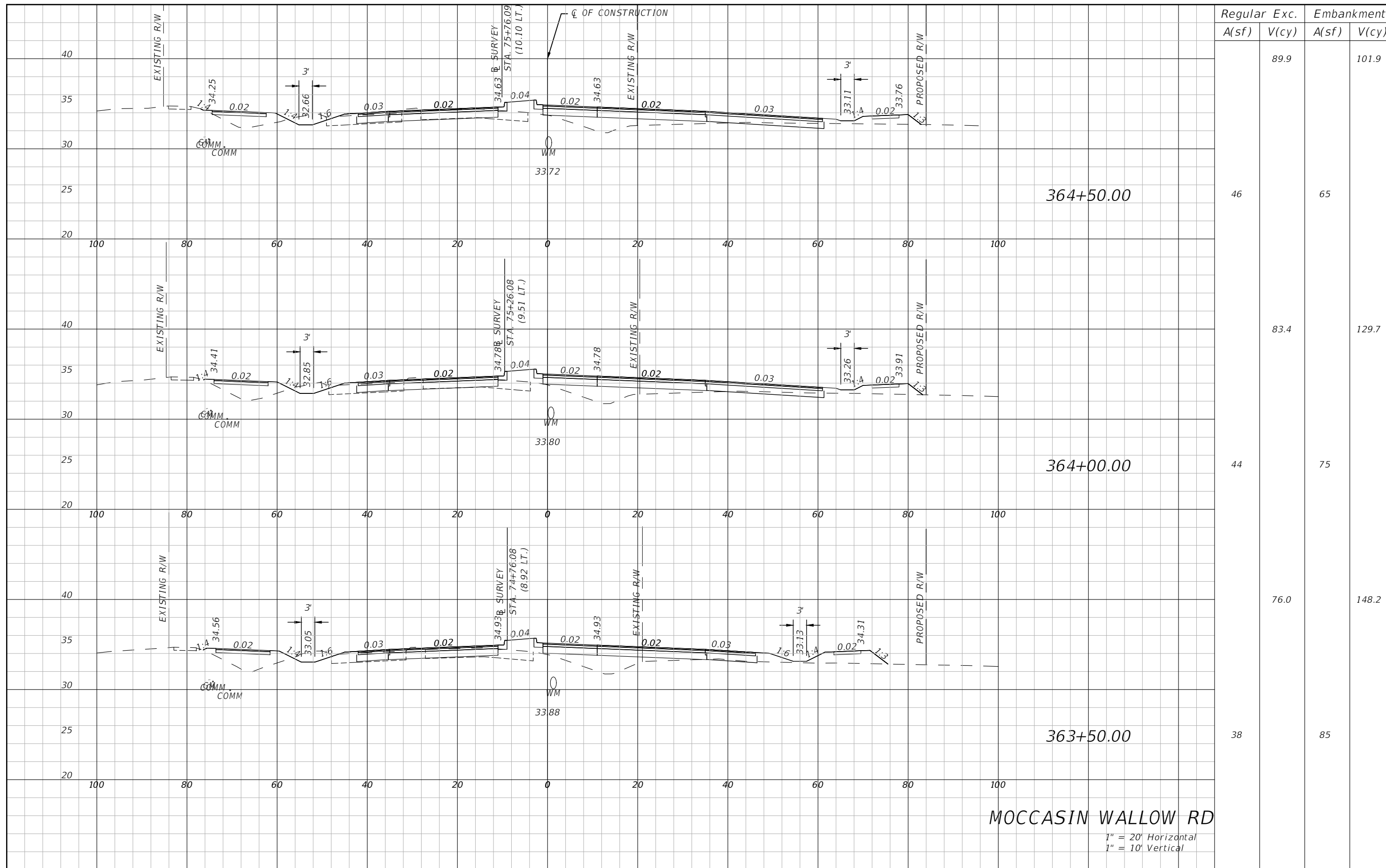
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (47)

SHEET NO.
145

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
364+50.00	46	89.9	65	101.9		
364+00.00	44	83.4	75	129.7		
363+50.00	38	76.0	85	148.2		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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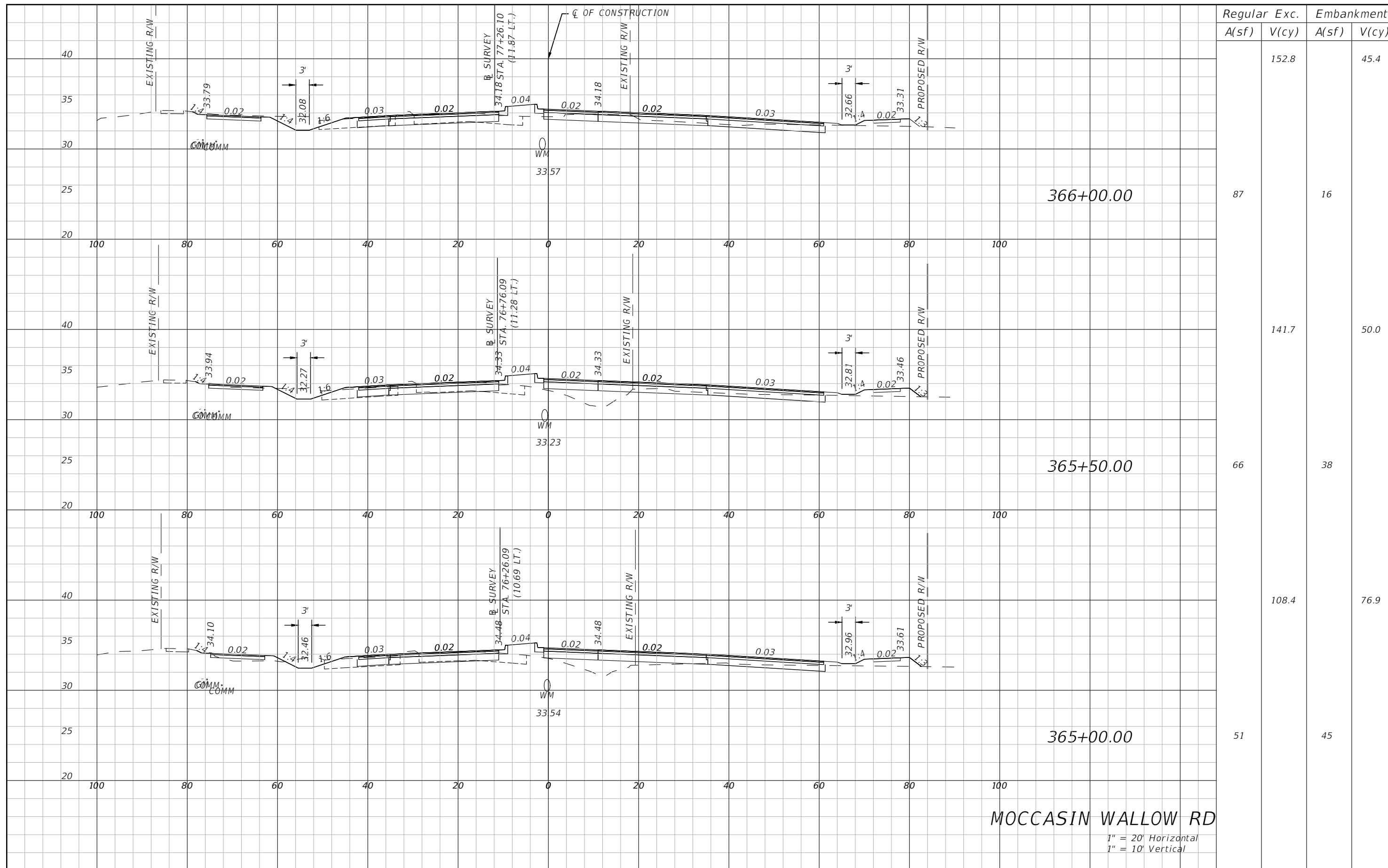
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (48)

SHEET NO.
146

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
366+00.00	87		152.8		16	45.4
365+50.00	66		141.7		38	50.0
365+00.00	51		108.4		45	76.9

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

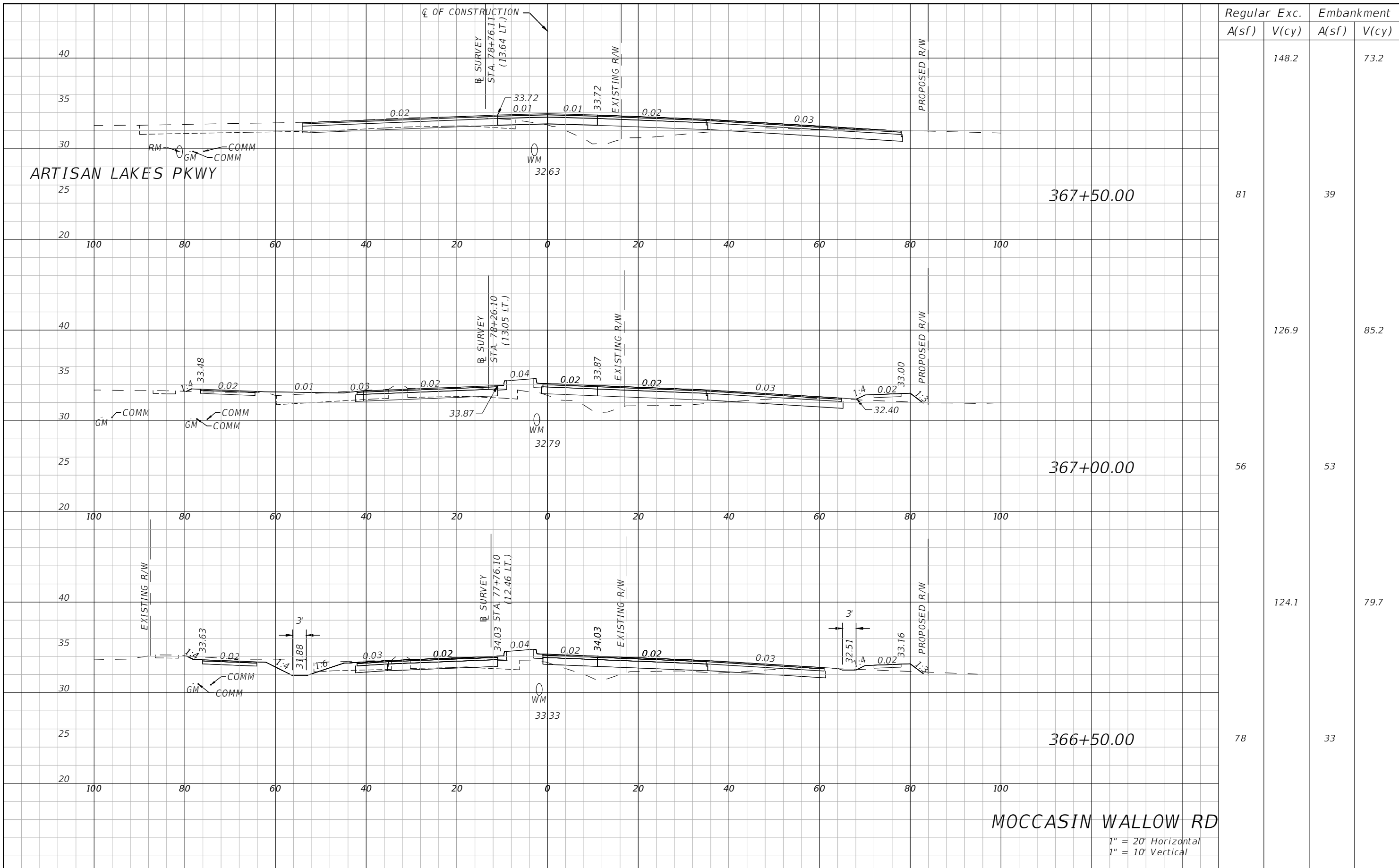
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (49)
 SHEET NO. 147

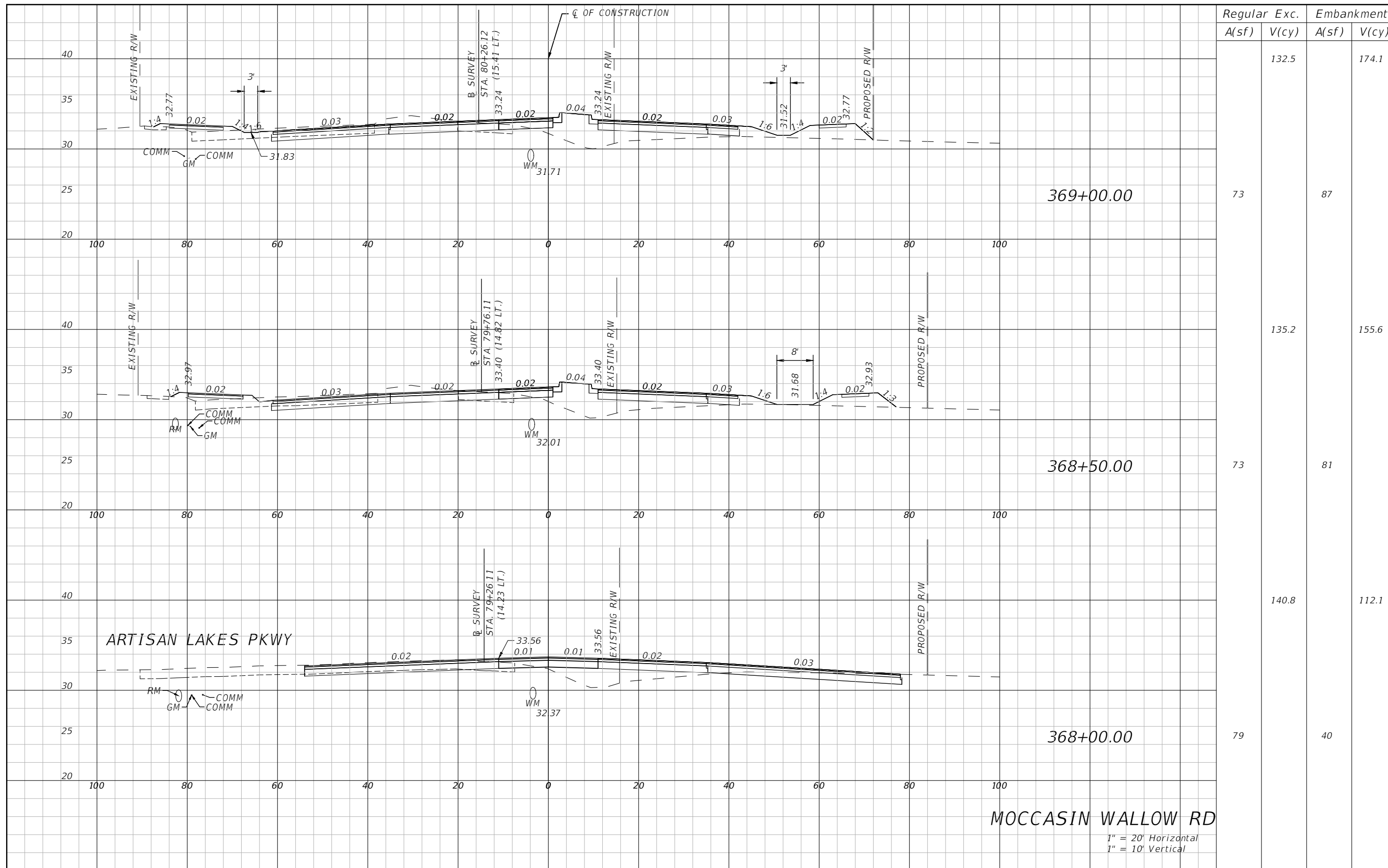
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
81	148.2	39	73.2		
56	126.9	53	85.2		
78	124.1	33	79.7		

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. CROSS SECTION (50) 148
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	FINANCIAL PROJECT ID	
---	---	---	---	MOCCASIN WALLOW RD	6092560		

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
369+00.00	73	132.5	87	174.1		
368+50.00	73	135.2	81	155.6		
368+00.00	79	140.8	40	112.1		

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MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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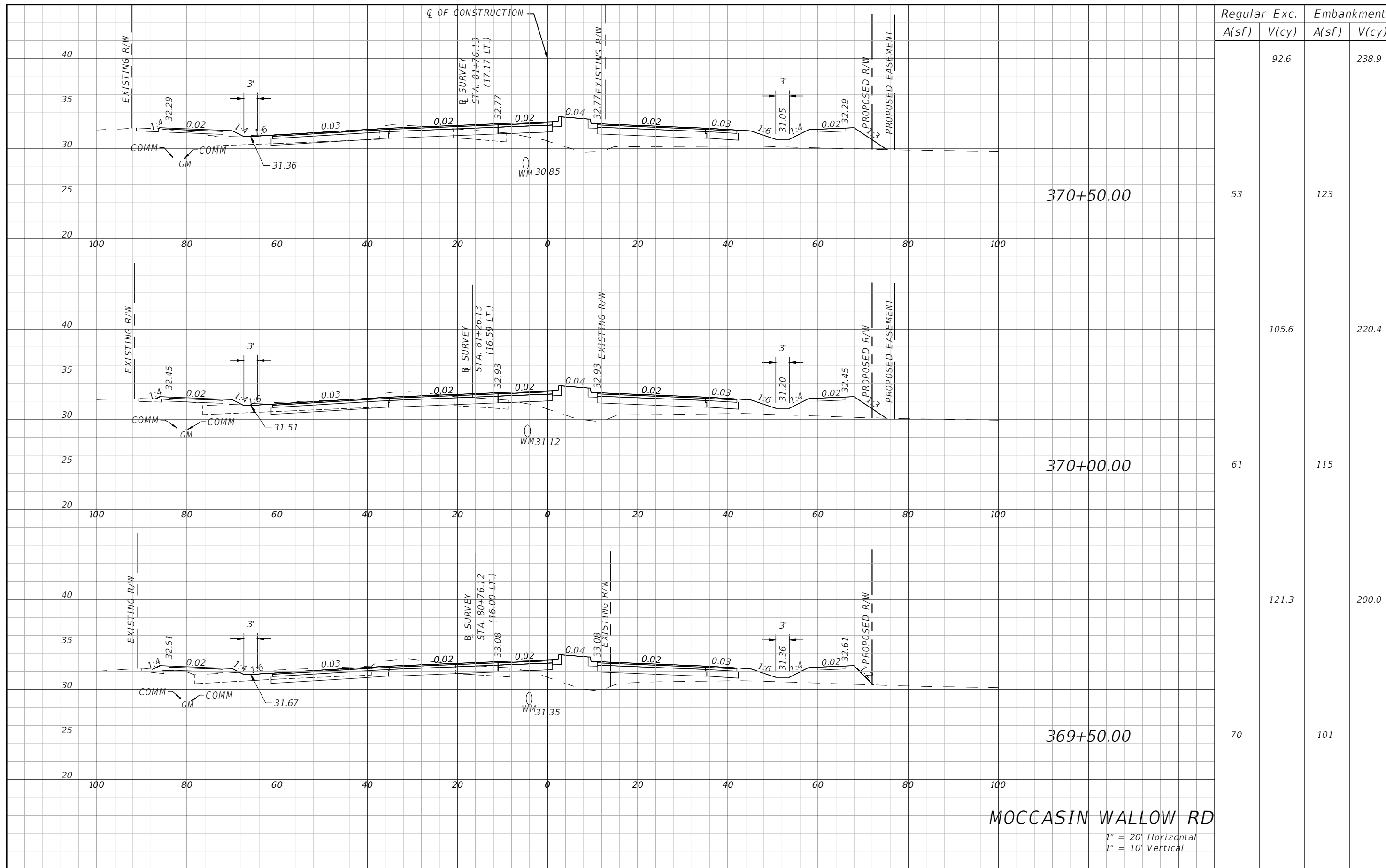
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (51)

SHEET NO.
149

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

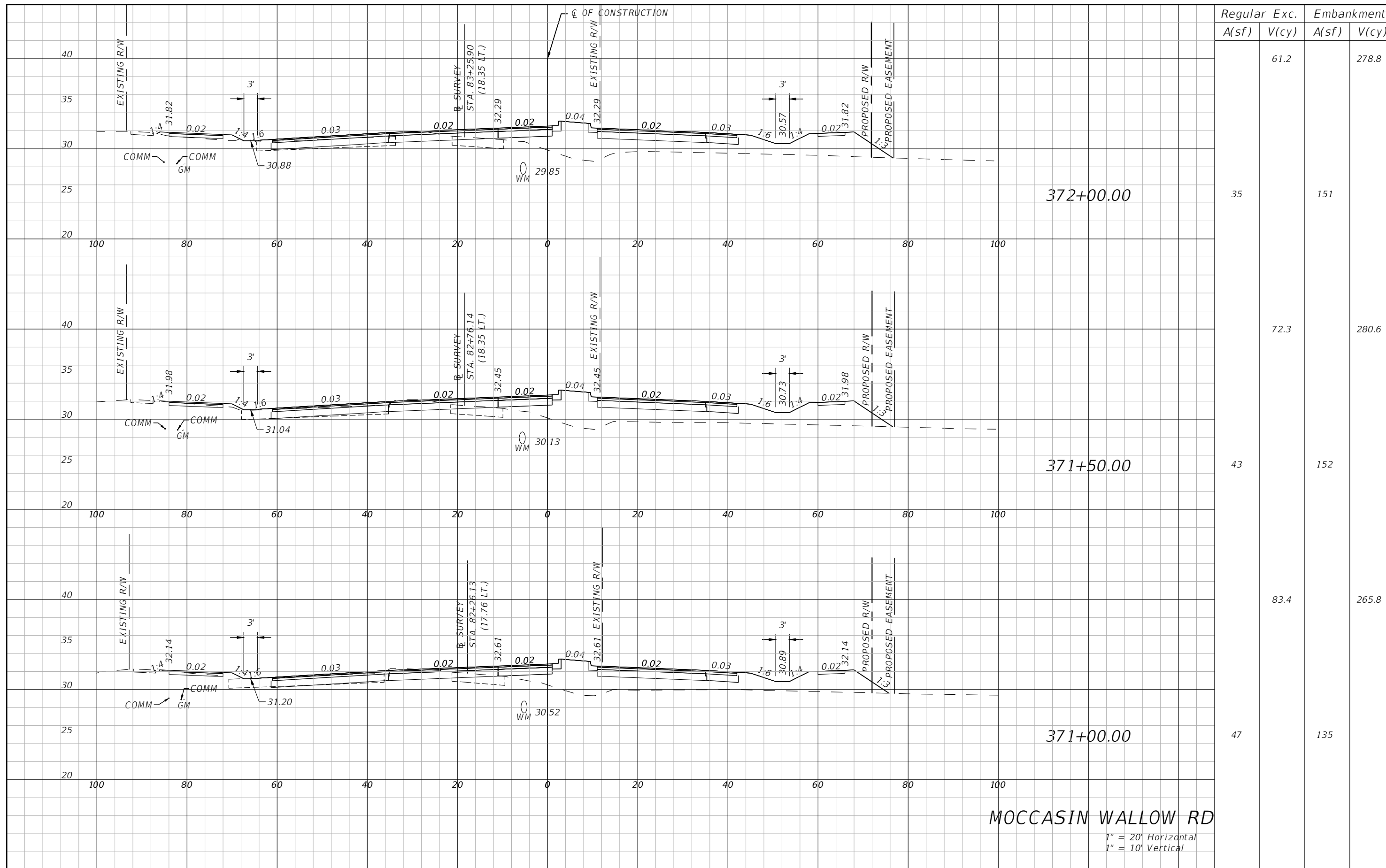
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (52)

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.



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

			61.2		278.8
35		151			
43	72.3	152			280.6
47	83.4	135			265.8

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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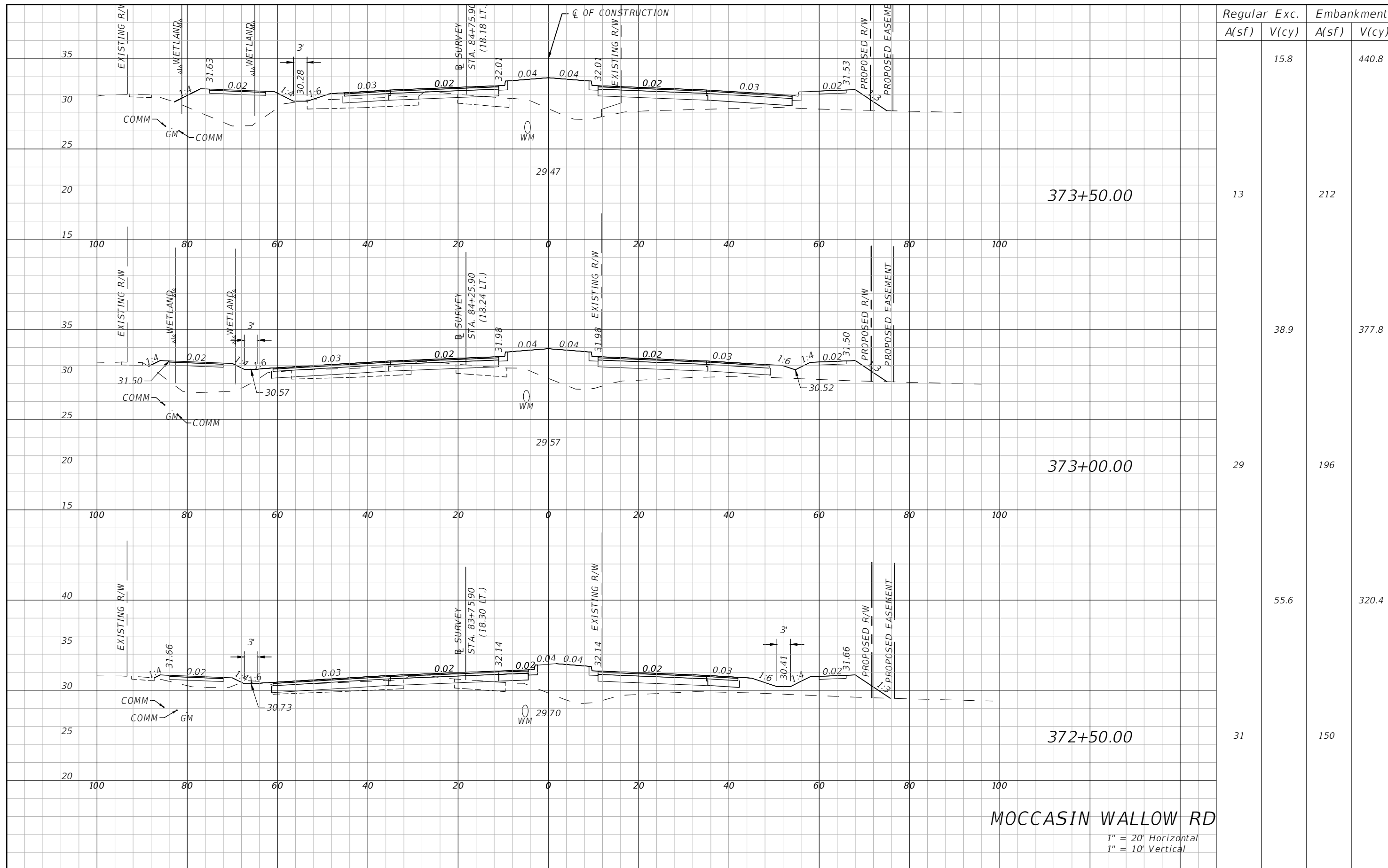
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (53)

SHEET NO.
151

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)	A(sf)	V(cy)

			15.8		440.8
13				212	
		38.9			377.8
29				196	
		55.6			320.4
31				150	

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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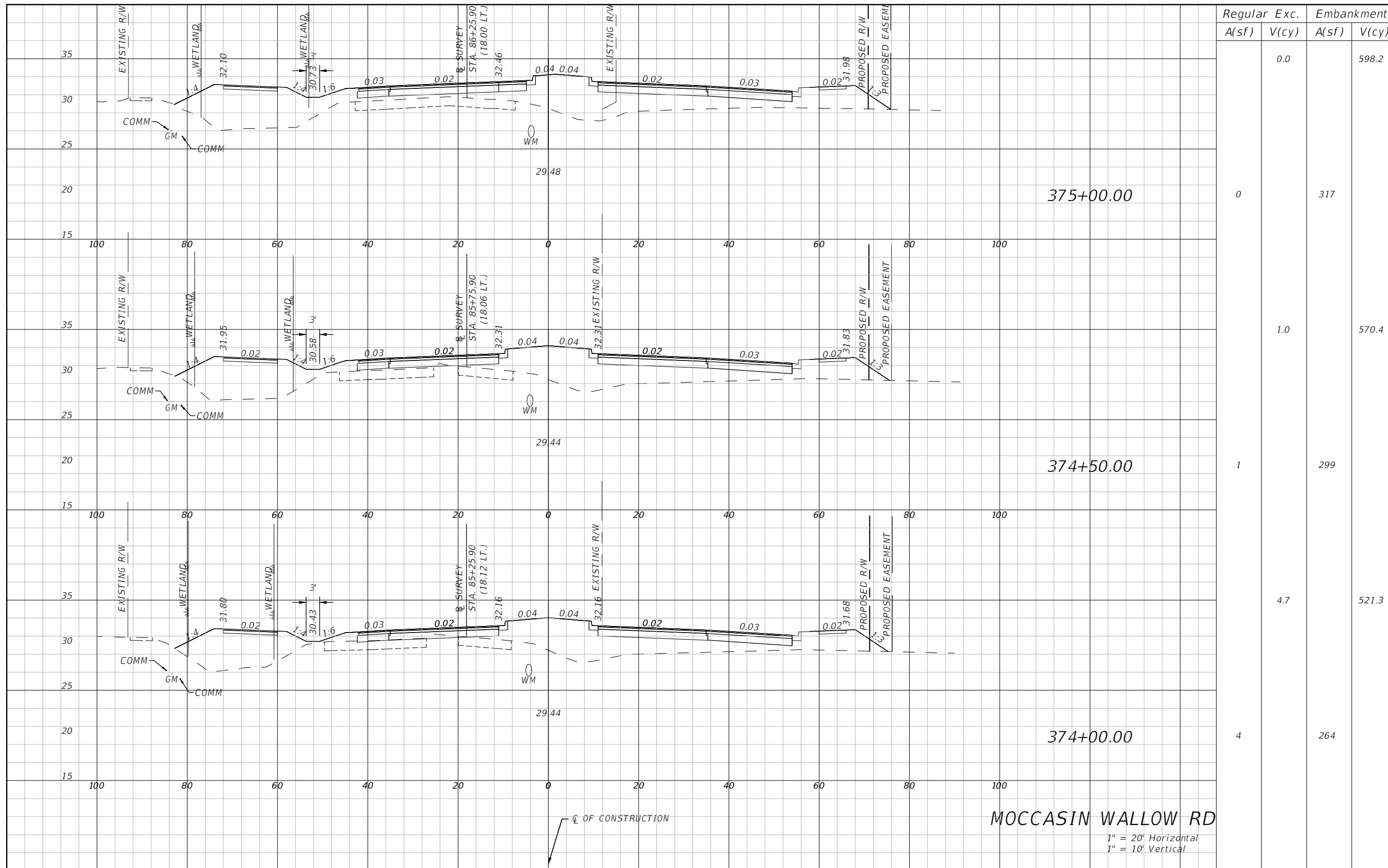
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (54)

SHEET NO.
152

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
375+00.00	0	0.0	317	598.2		
374+50.00	1	1.0	299	570.4		
374+00.00	4	4.7	264	521.3		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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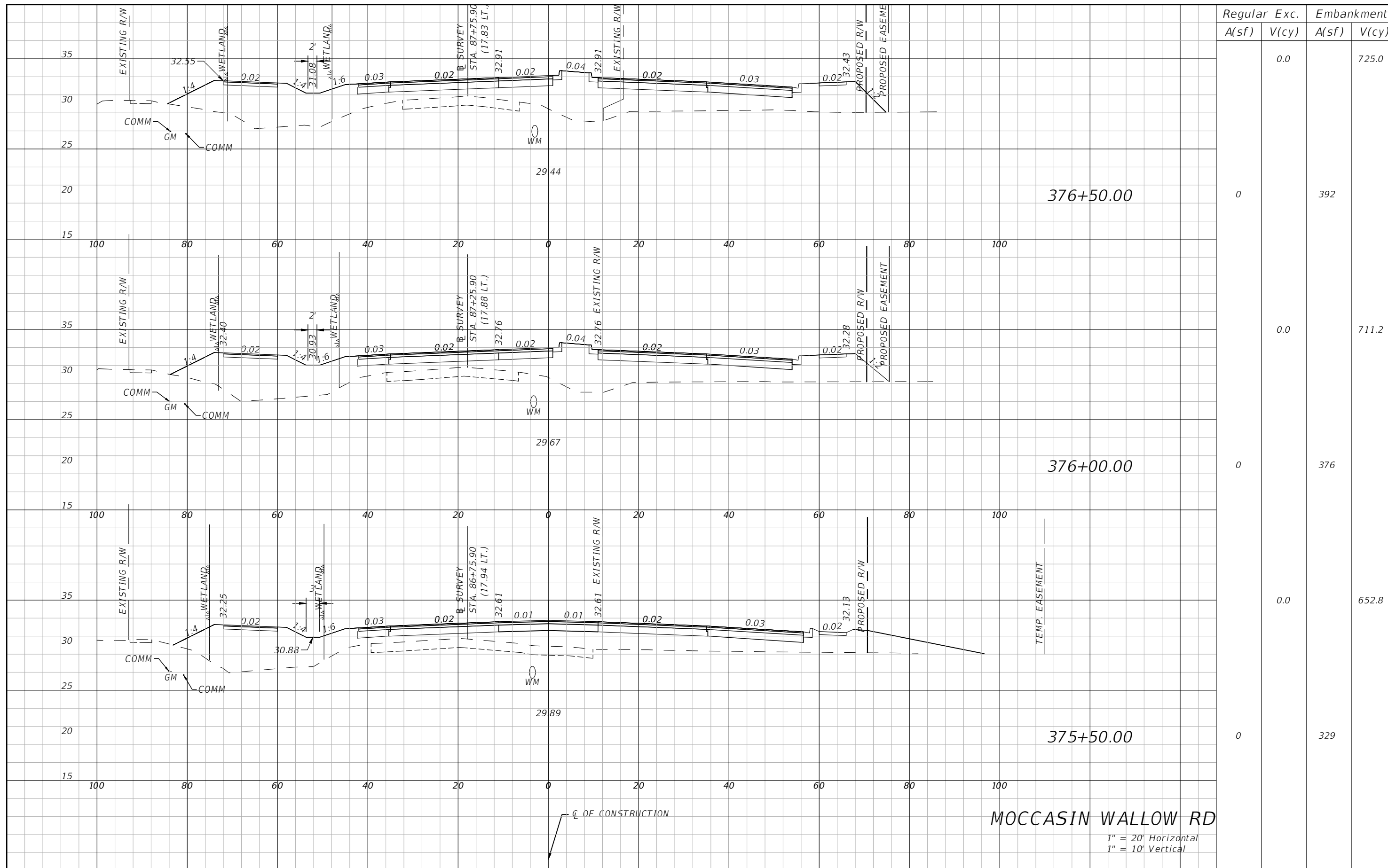
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (55)

SHEET NO.
153

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)	A(sf)	V(cy)
0	0.0	0	0.0	392	725.0
0	0.0	0	0.0	376	711.2
0	0.0	0	0.0	329	652.8

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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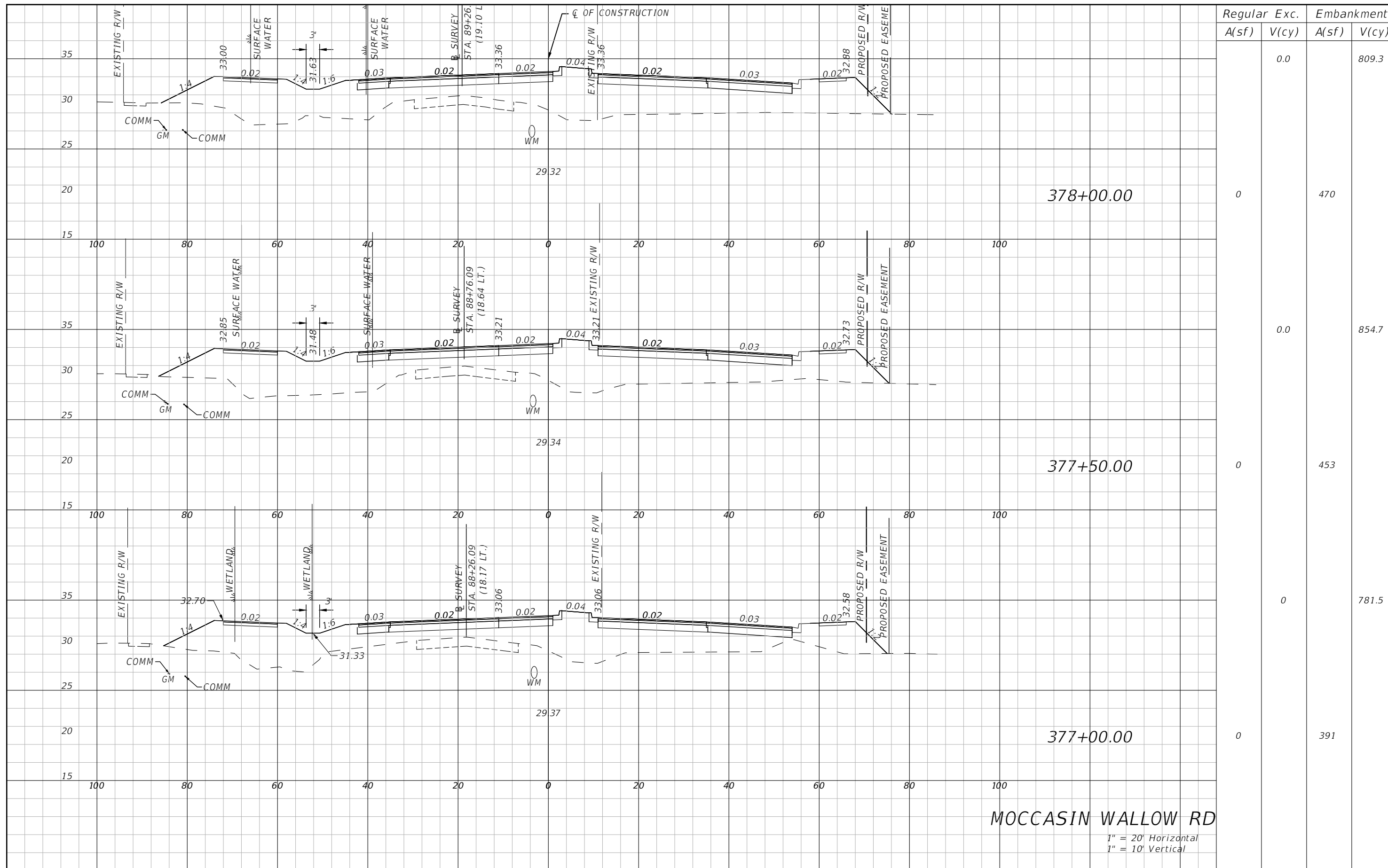
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (56)

SHEET NO.
154

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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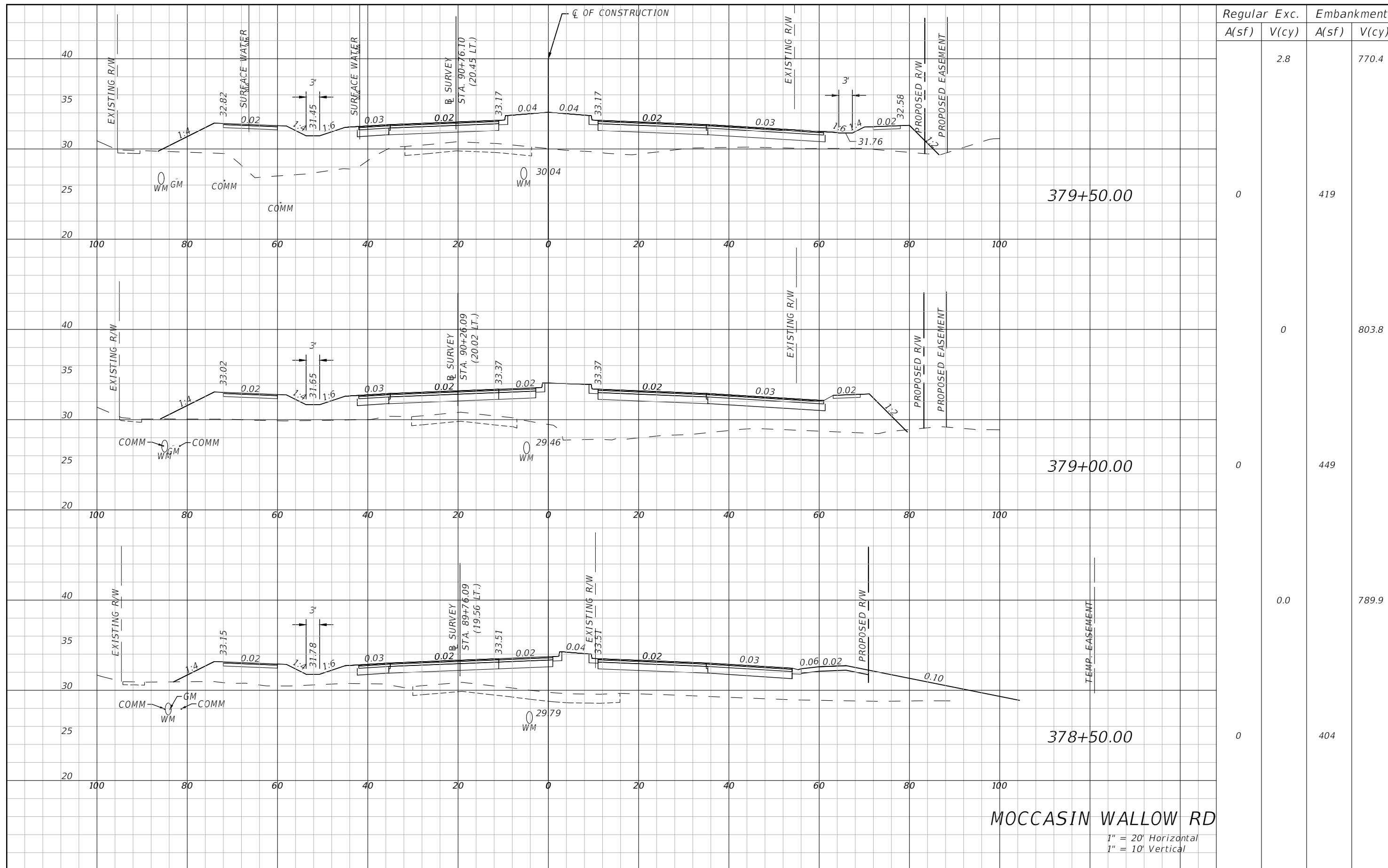
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (57)

SHEET NO.
155

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)
0	2.8	419	770.4
0	0	449	803.8
0	0.0	404	789.9

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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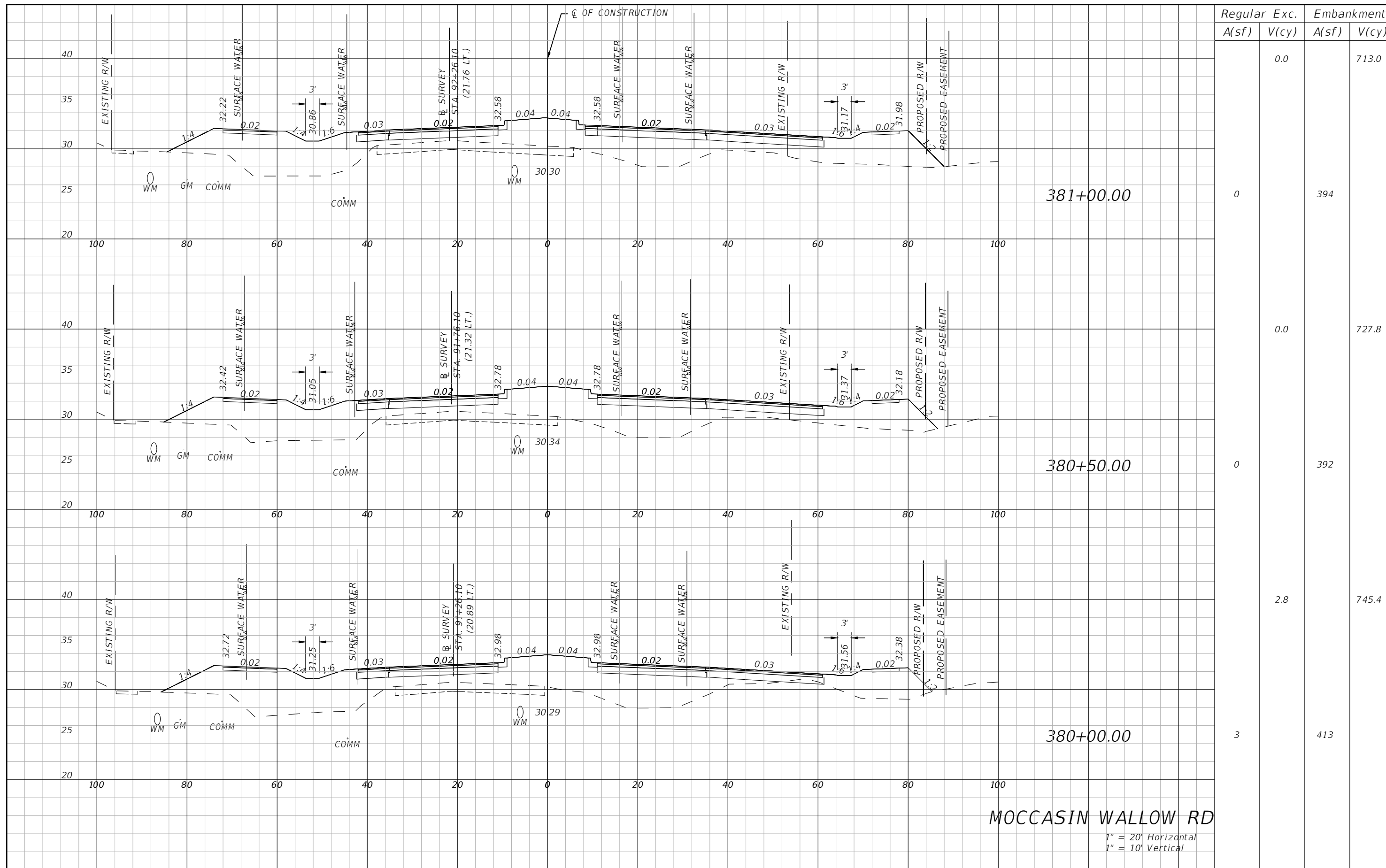
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (58)

SHEET NO.
156

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



MOCCASIN WALLOW RD

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

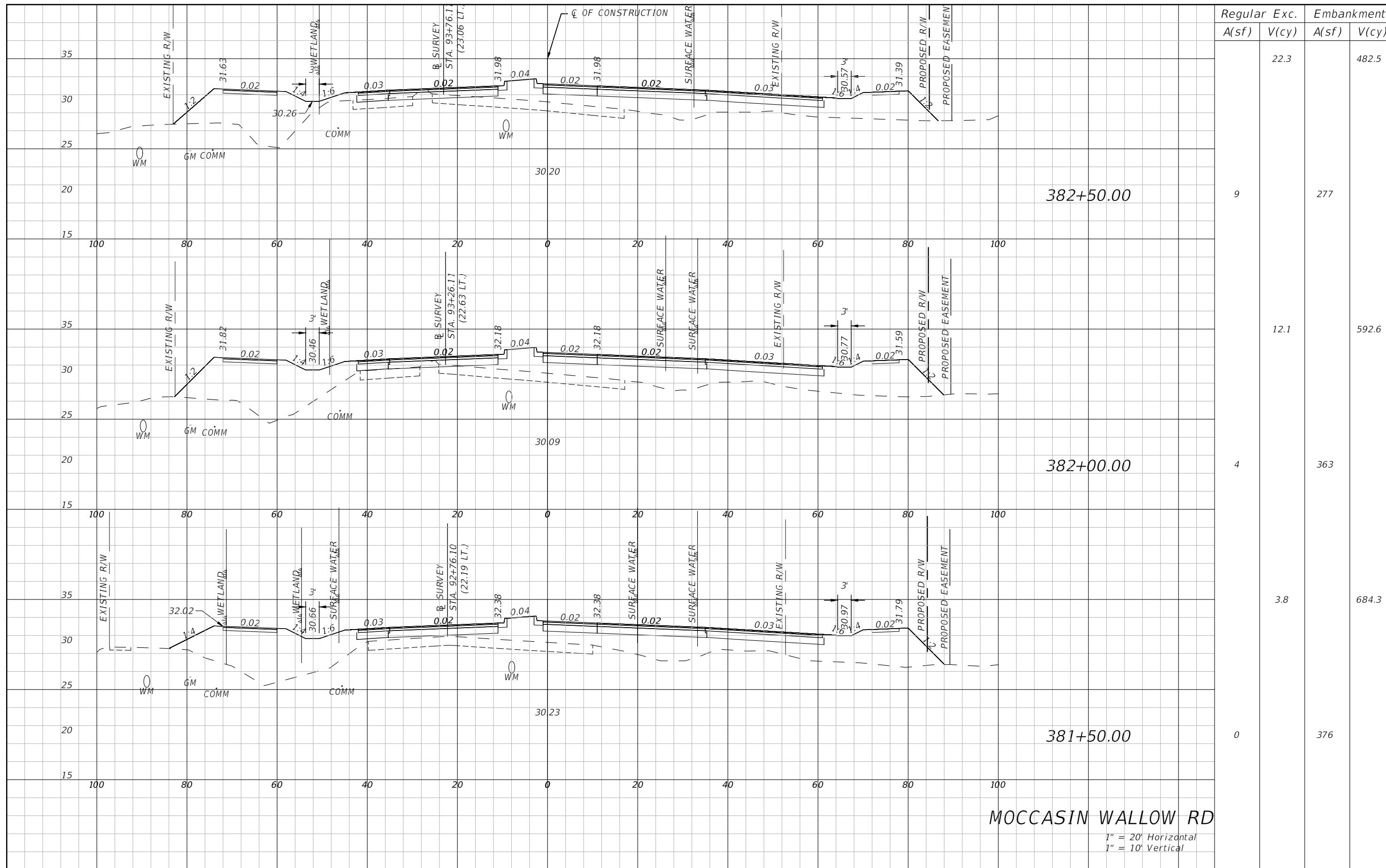
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (59)

SHEET NO.
157



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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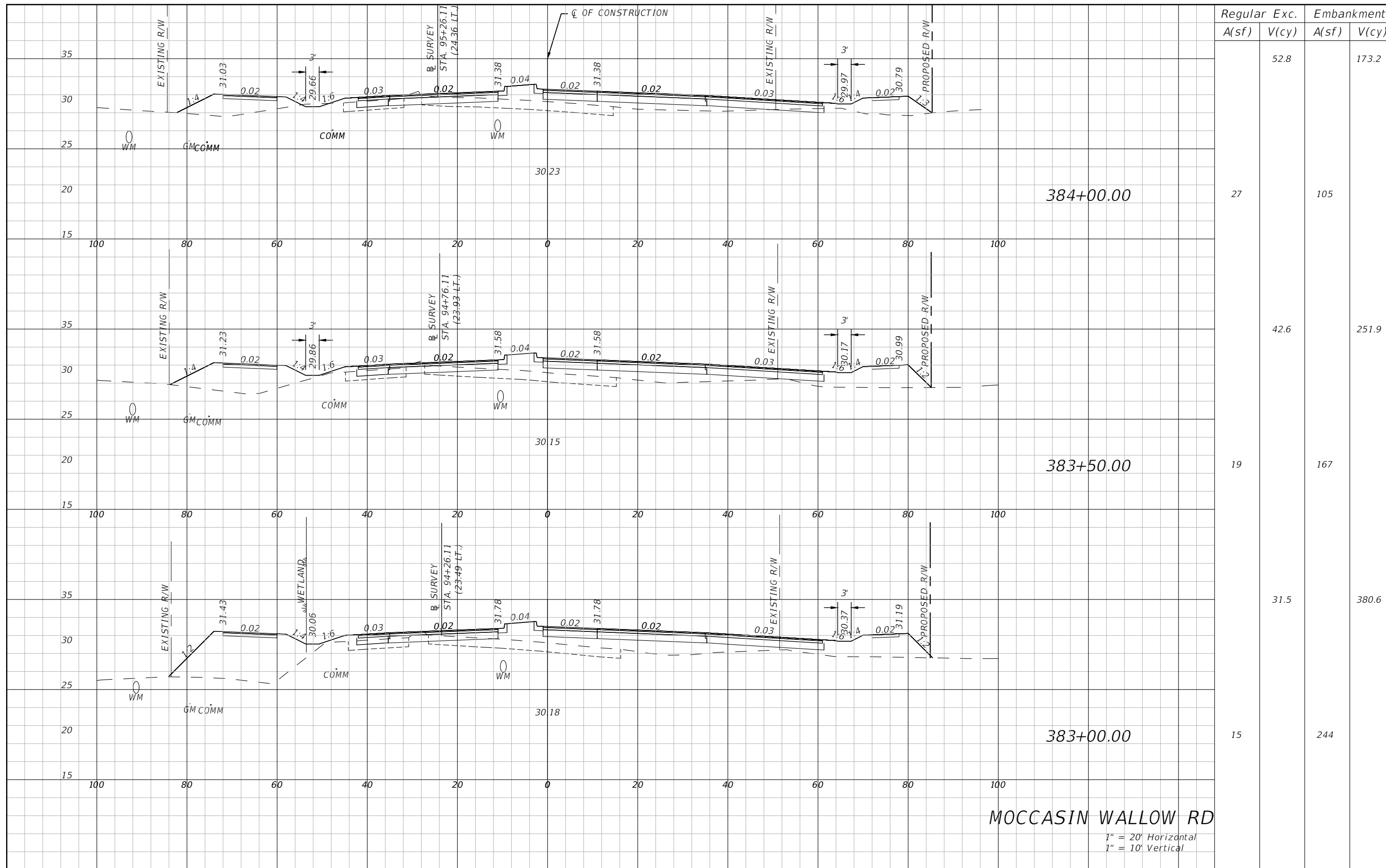
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (60)

SHEET NO.
158

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
384+00.00	27	52.8	105	173.2		
383+50.00	19	42.6	167	251.9		
383+00.00	15	31.5	244	380.6		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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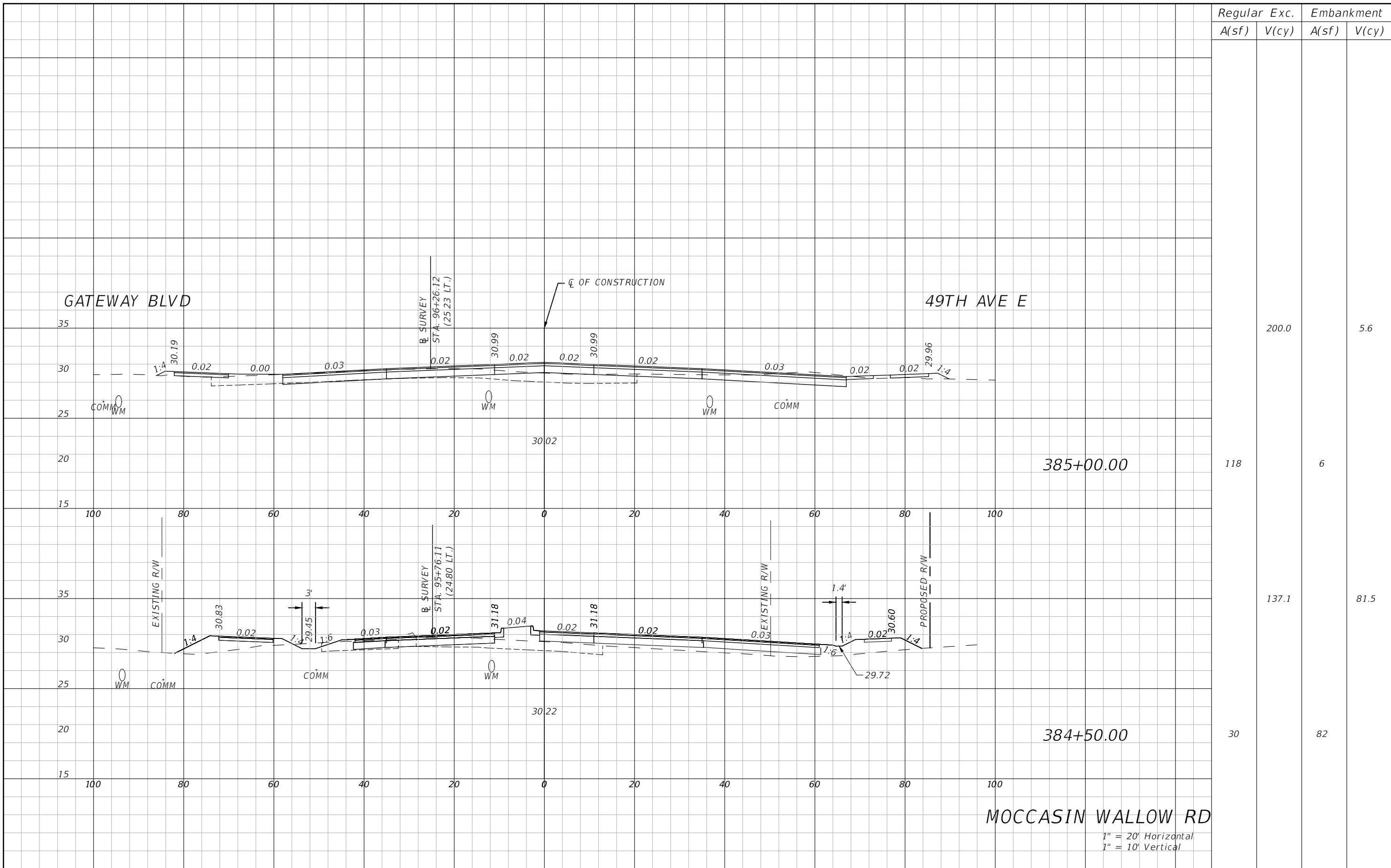
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (61)

SHEET NO.
159

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)	A(sf)	V(cy)
	200.0				5.6
118		6			
	137.1				81.5
30		82			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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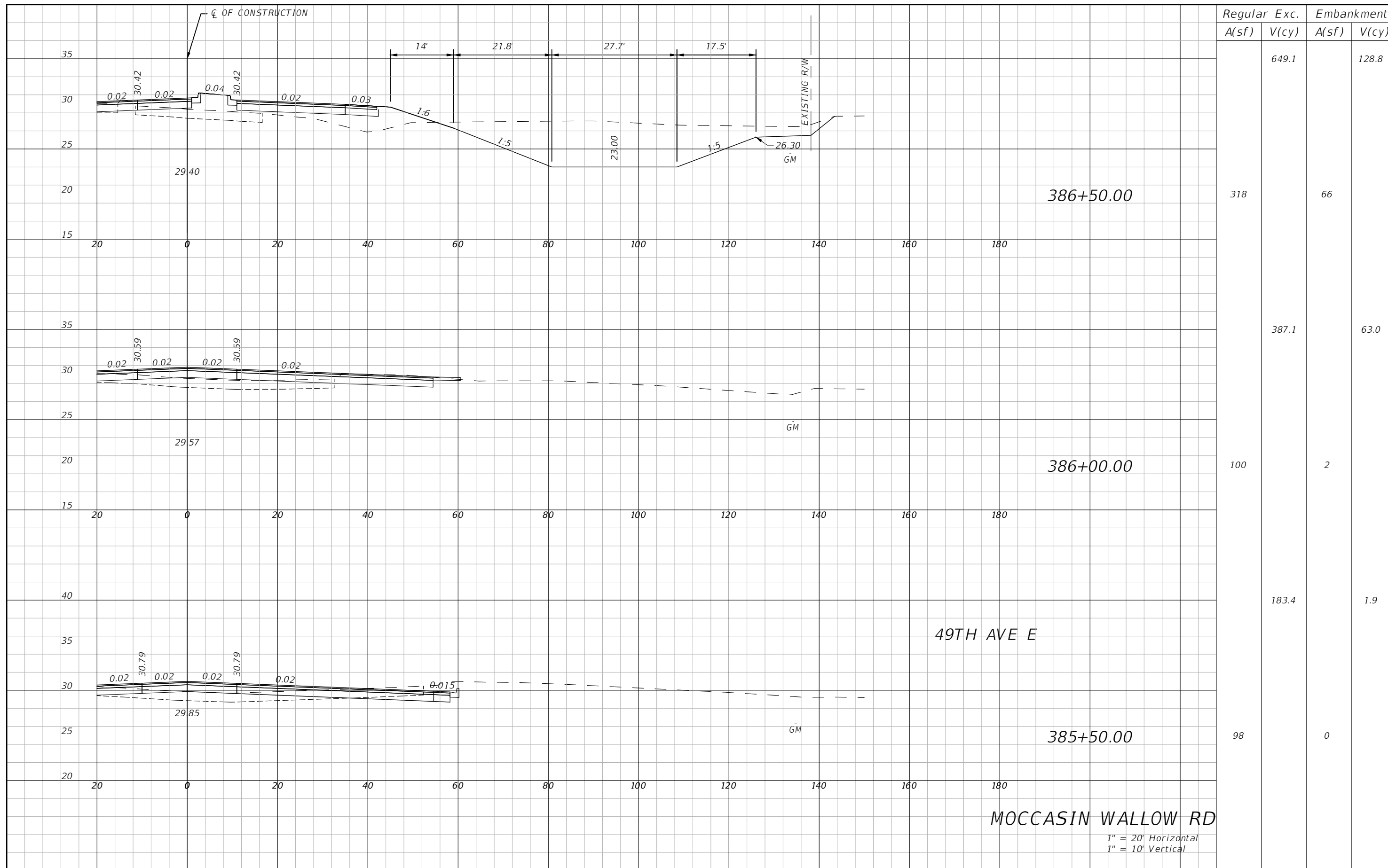
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (62)

SHEET NO.
160

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
386+50.00	318	649.1	66	128.8		
386+00.00	100	387.1	2	63.0		
385+50.00	98	183.4	0	1.9		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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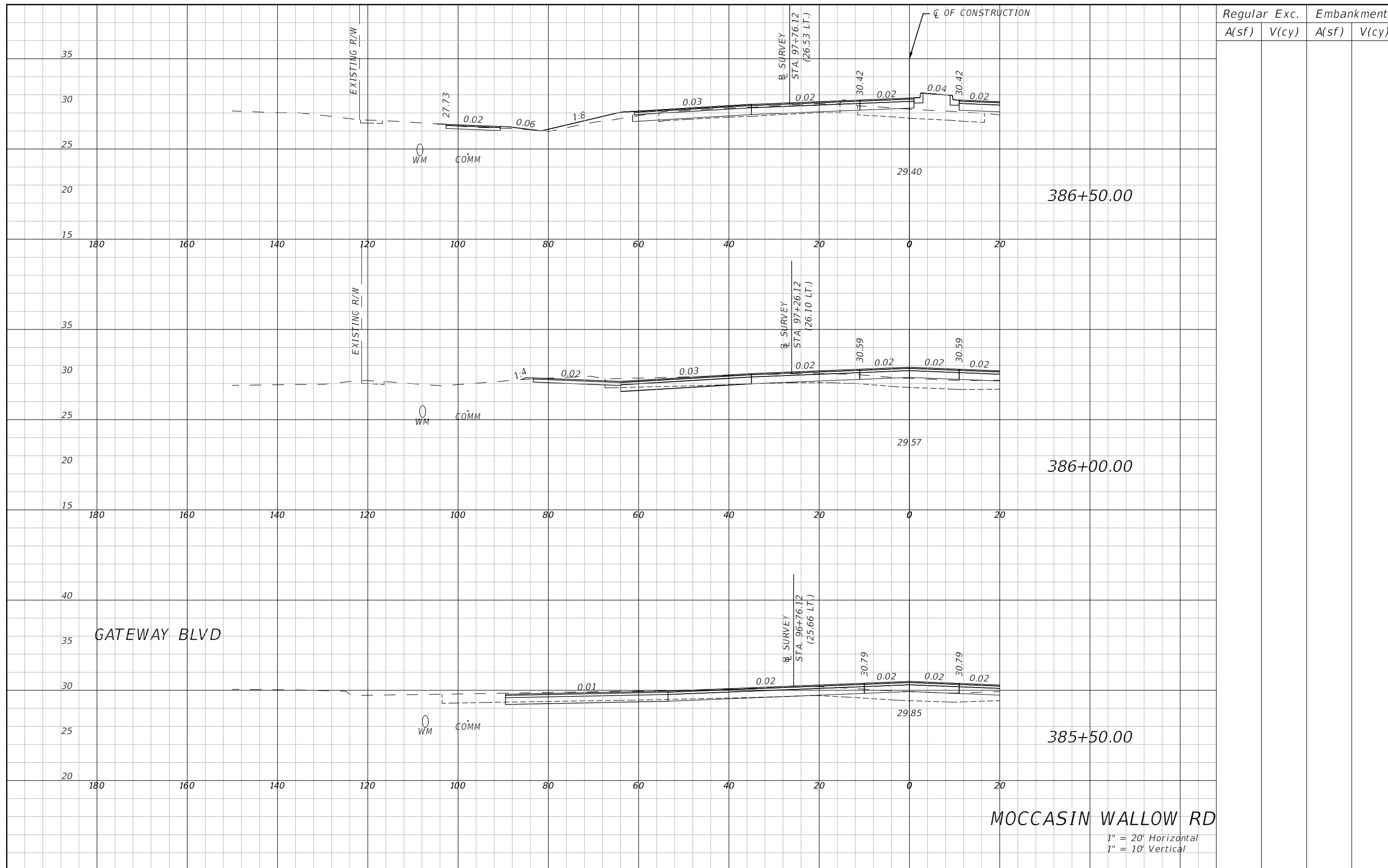
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

MOCCASIN WALLOW RD
1" = 20' Horizontal
1" = 10' Vertical

SHEET NO.
161

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)	A(sf)	V(cy)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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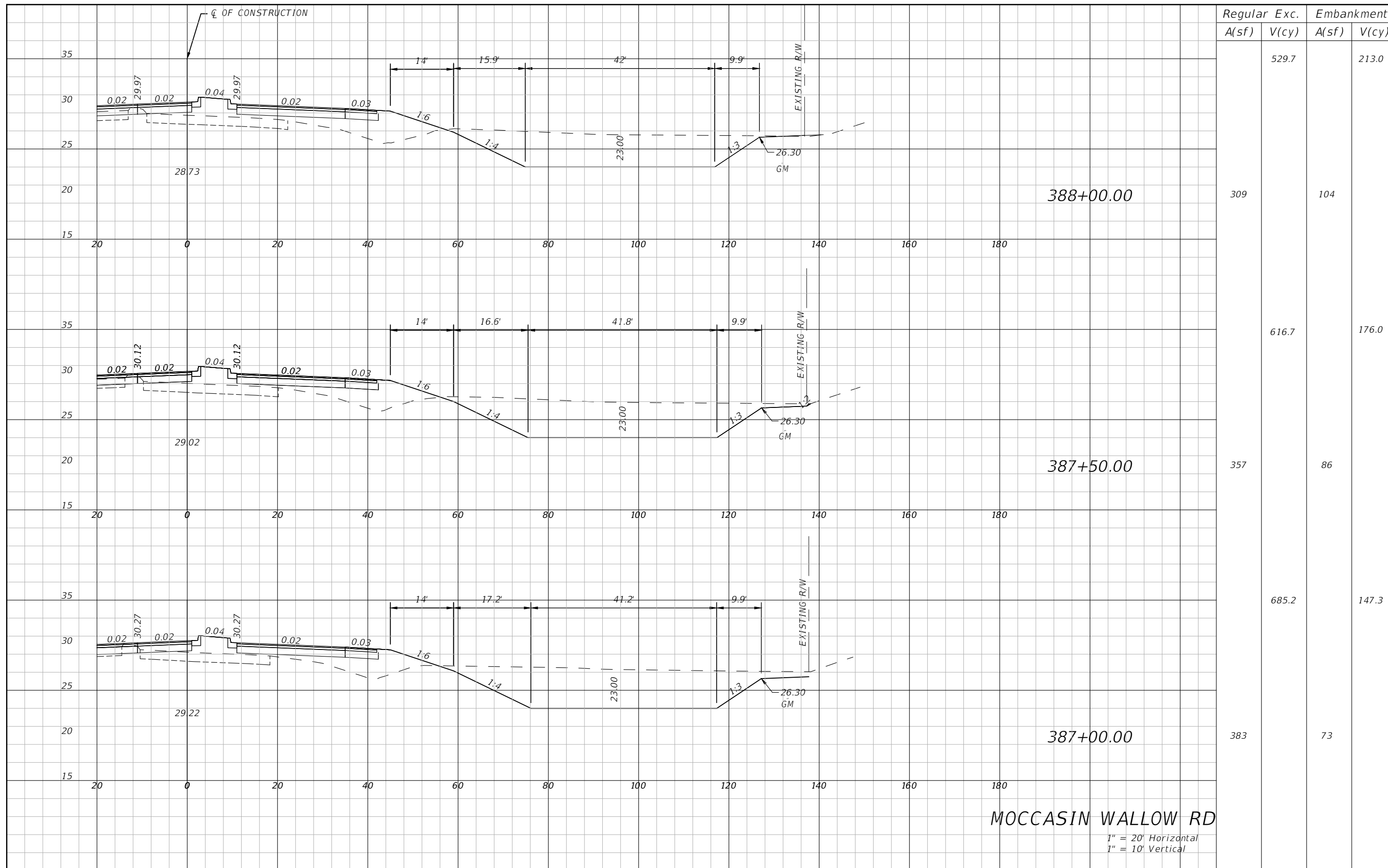
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (64)

SHEET NO.
162

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)	A(sf)	V(cy)
309	529.7	104	213.0		
357	616.7	86	176.0		
383	685.2	73	147.3		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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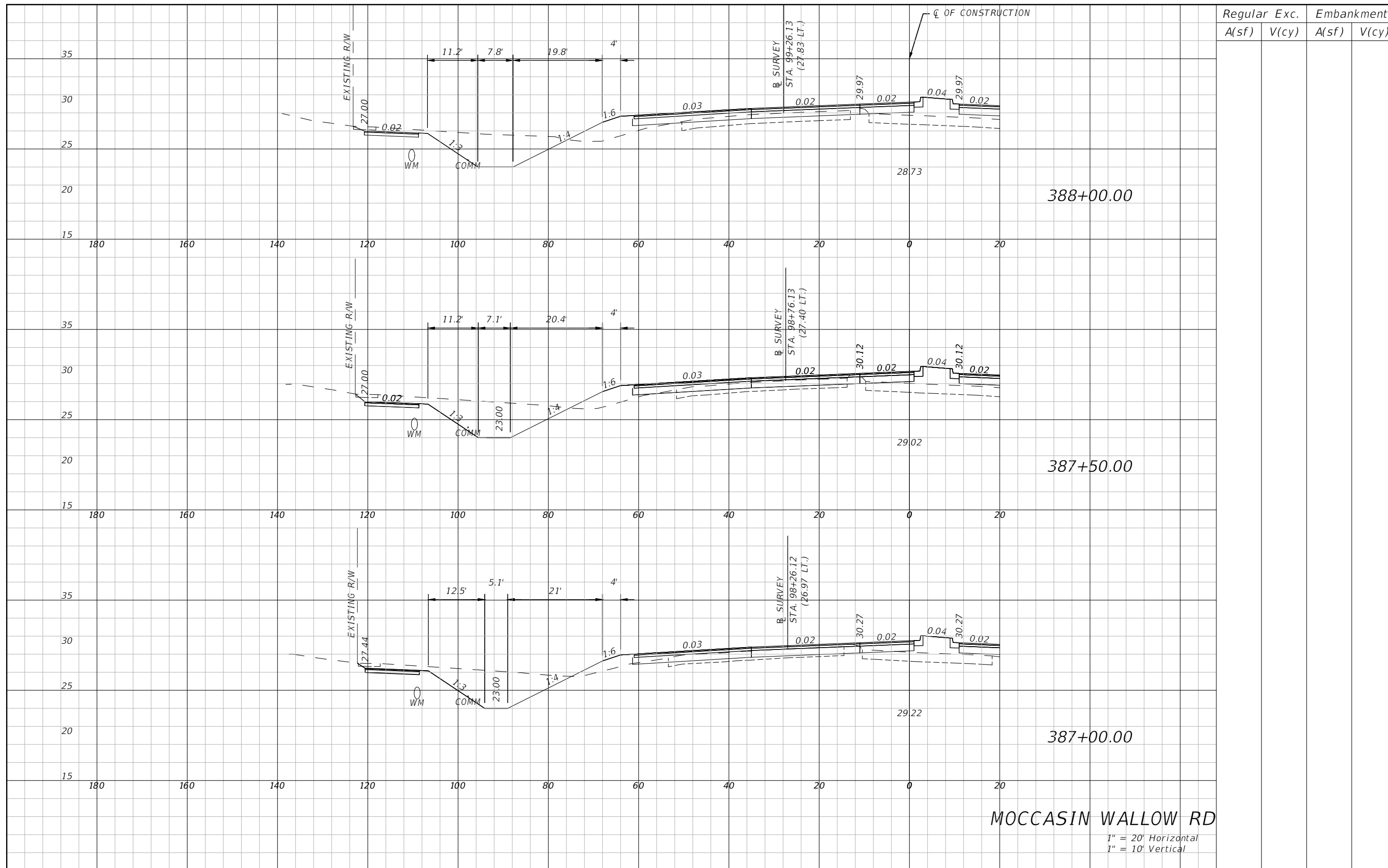
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (65)

SHEET NO.
163

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)	A(sf)	V(cy)

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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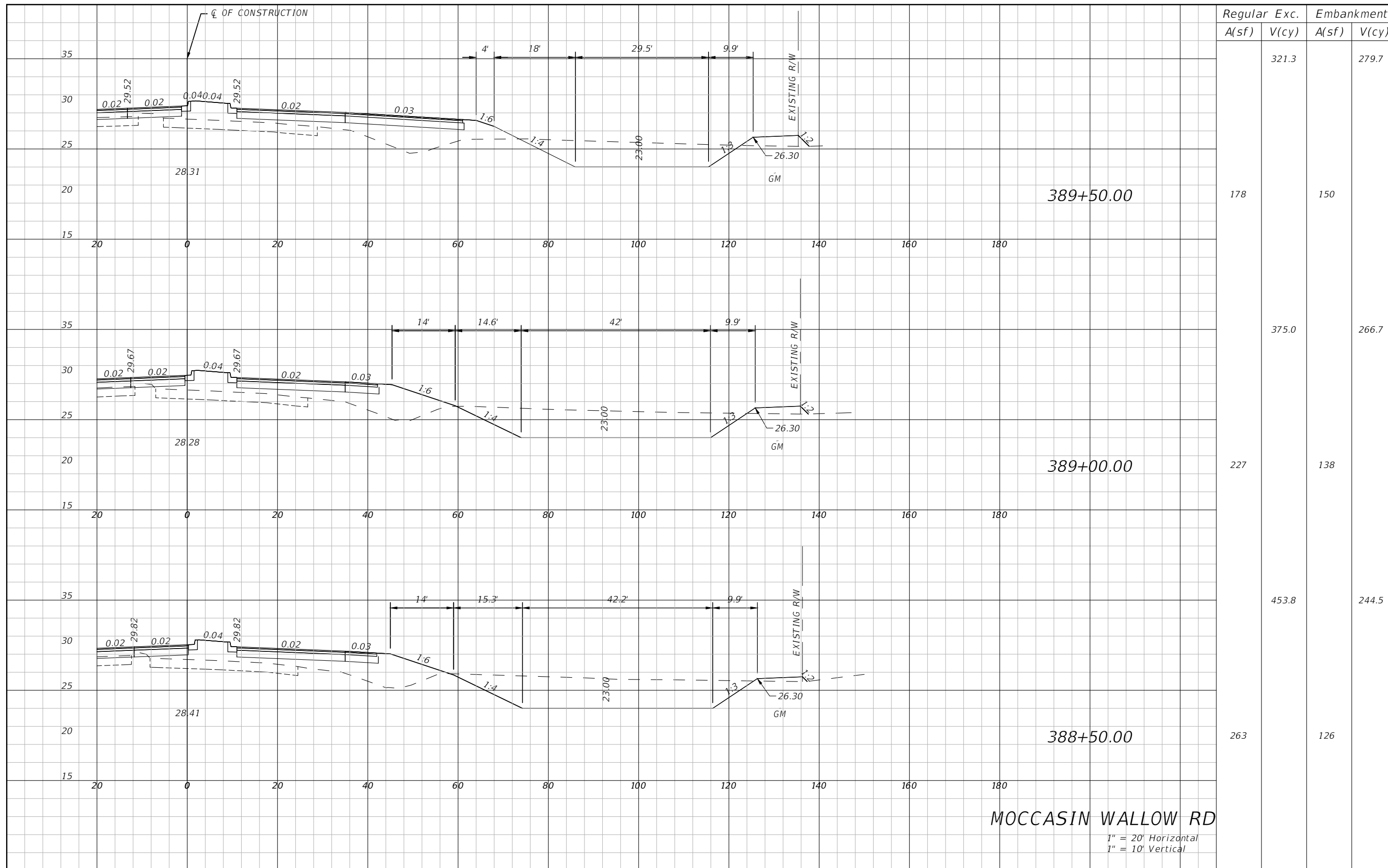
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (66)

SHEET NO.
164

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)	A(sf)	V(cy)
178	321.3	150	279.7		
227	375.0	138	266.7		
263	453.8	126	244.5		

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

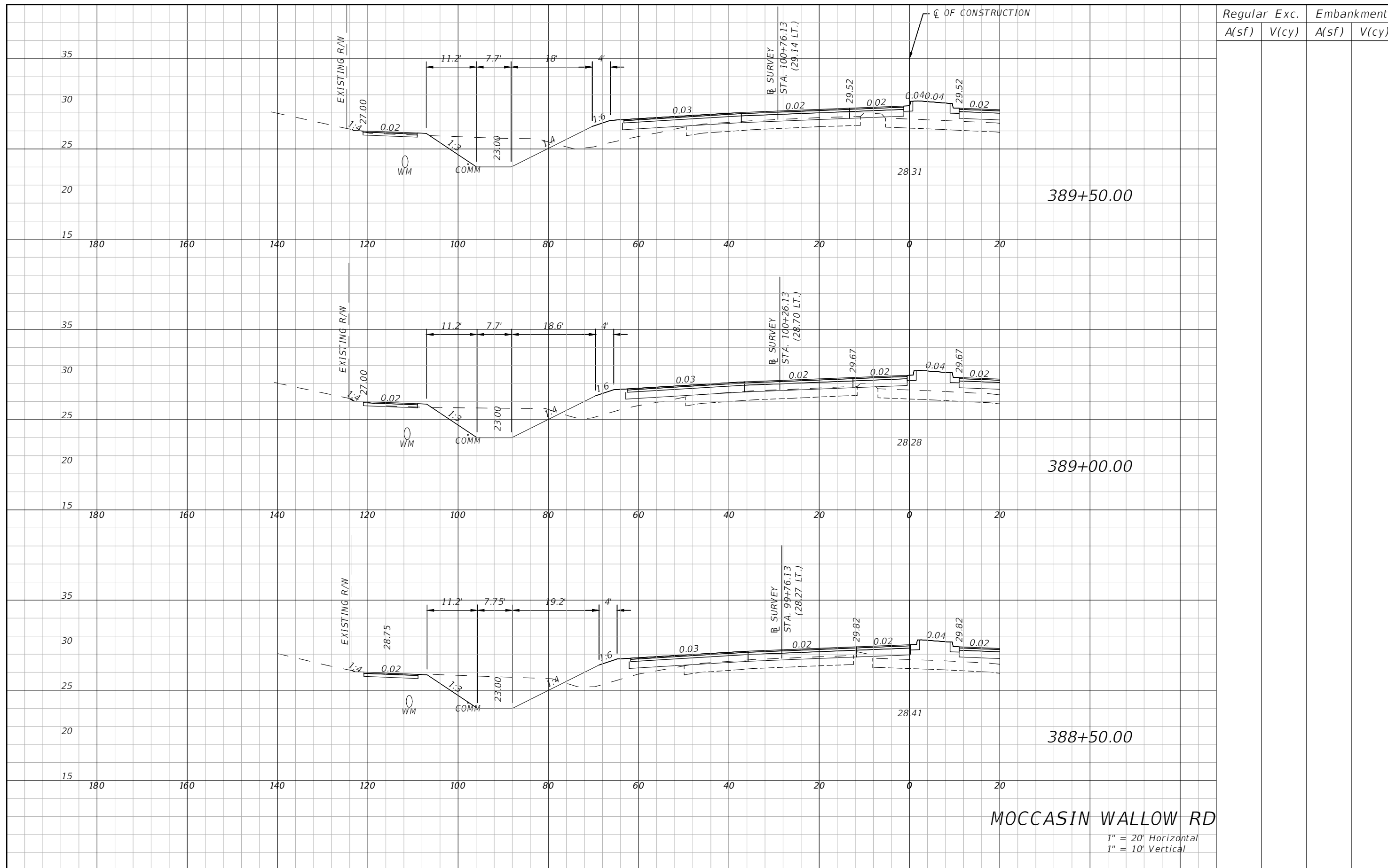
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (67)
 SHEET NO.
 165

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)	A(sf)	V(cy)

389+50.00

389+00.00

388+50.00

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

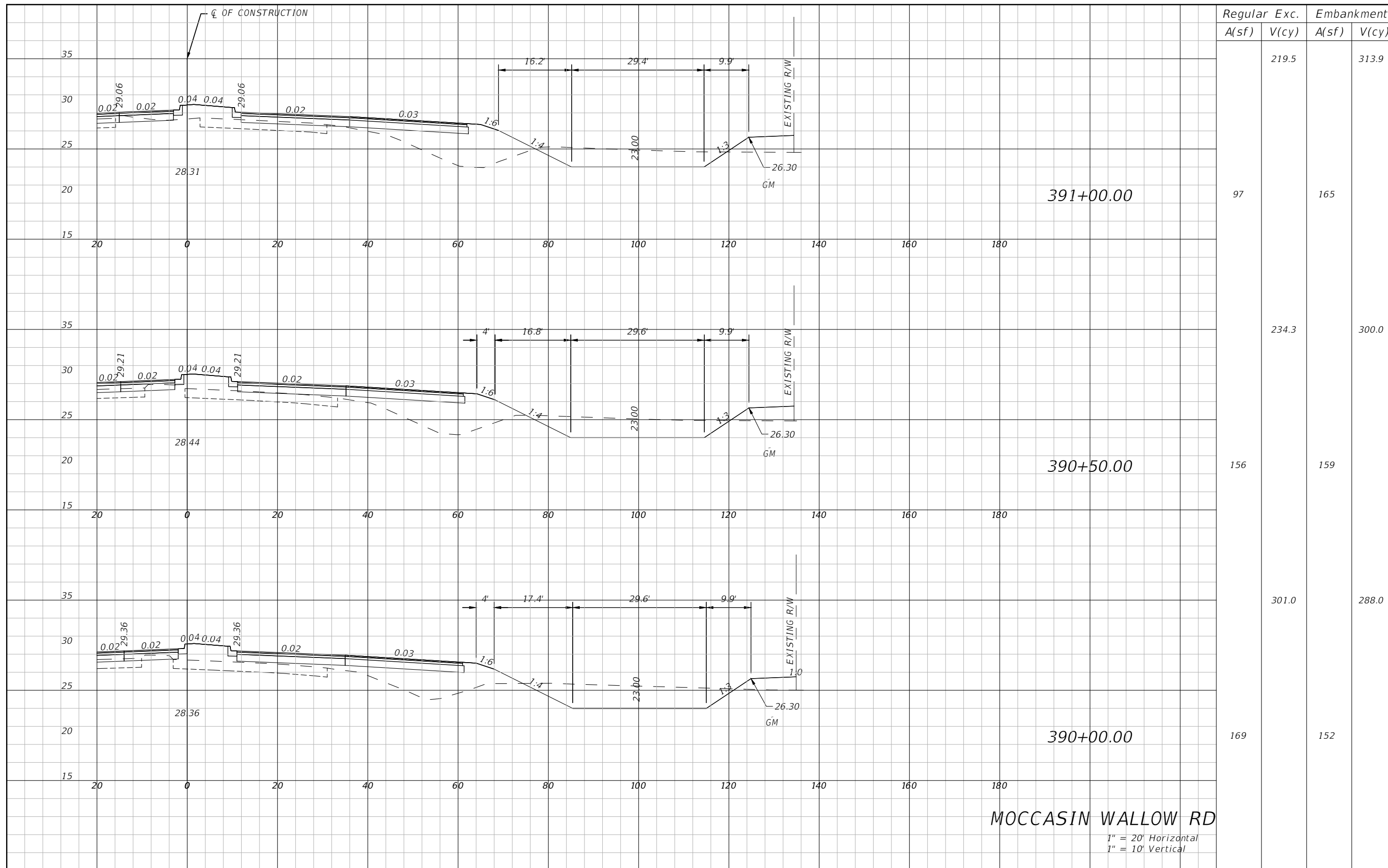
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (68)

SHEET NO.
166

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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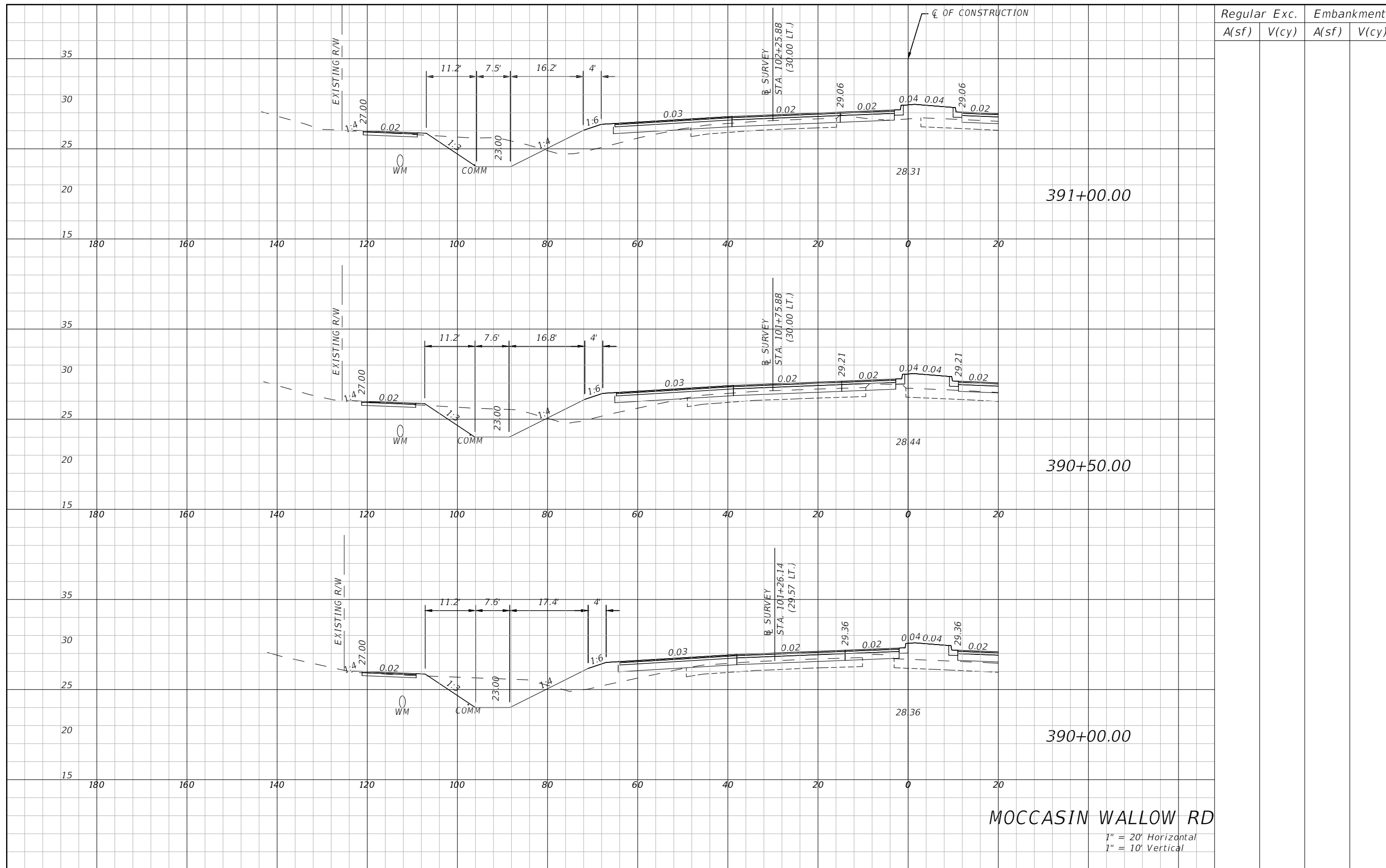
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (69)

SHEET NO.
167

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



MOCCASIN WALLOW RD

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

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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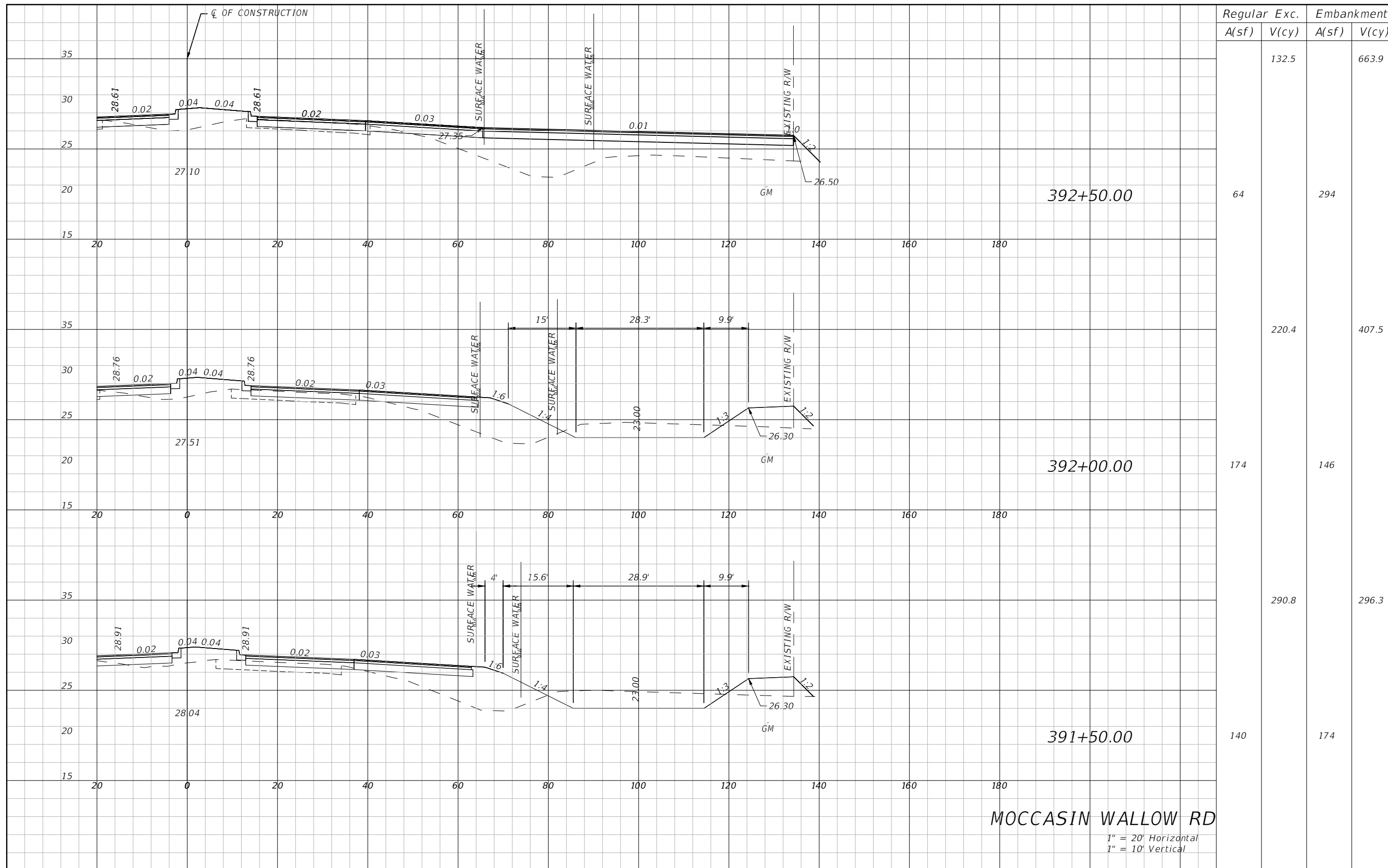
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (70)

SHEET NO.
168

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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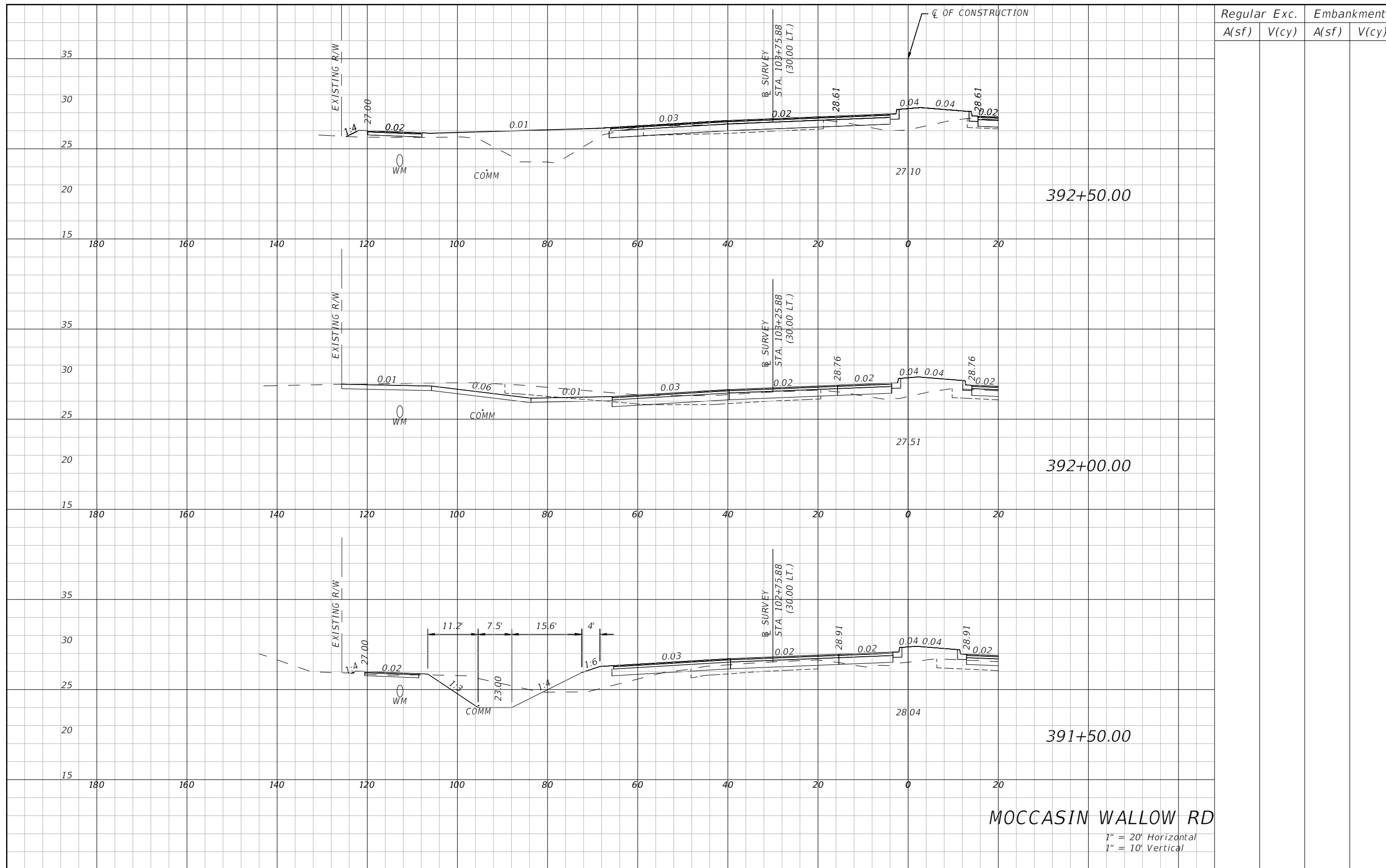
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (71)

SHEET NO.
169

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

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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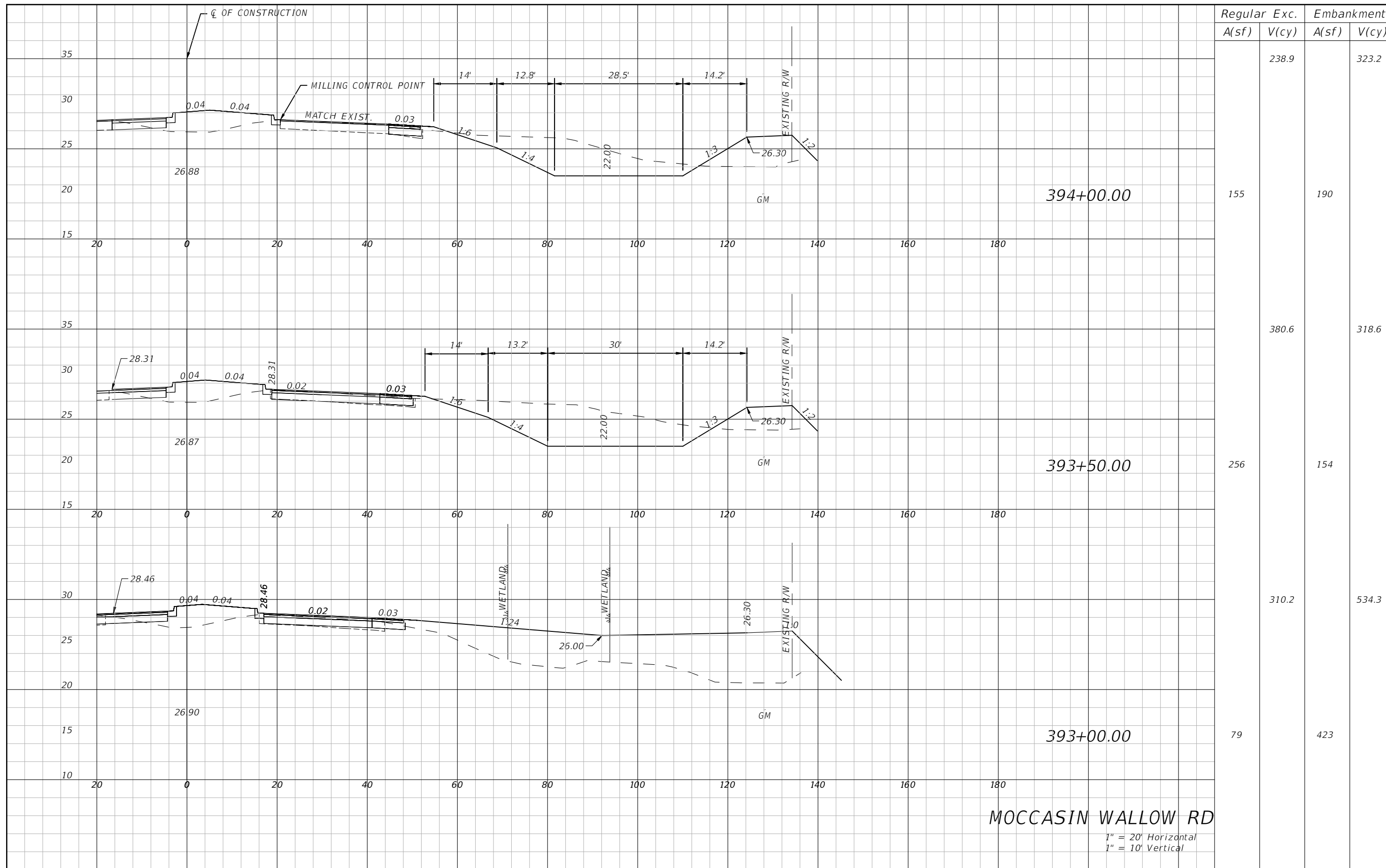
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (72)

SHEET NO.
170

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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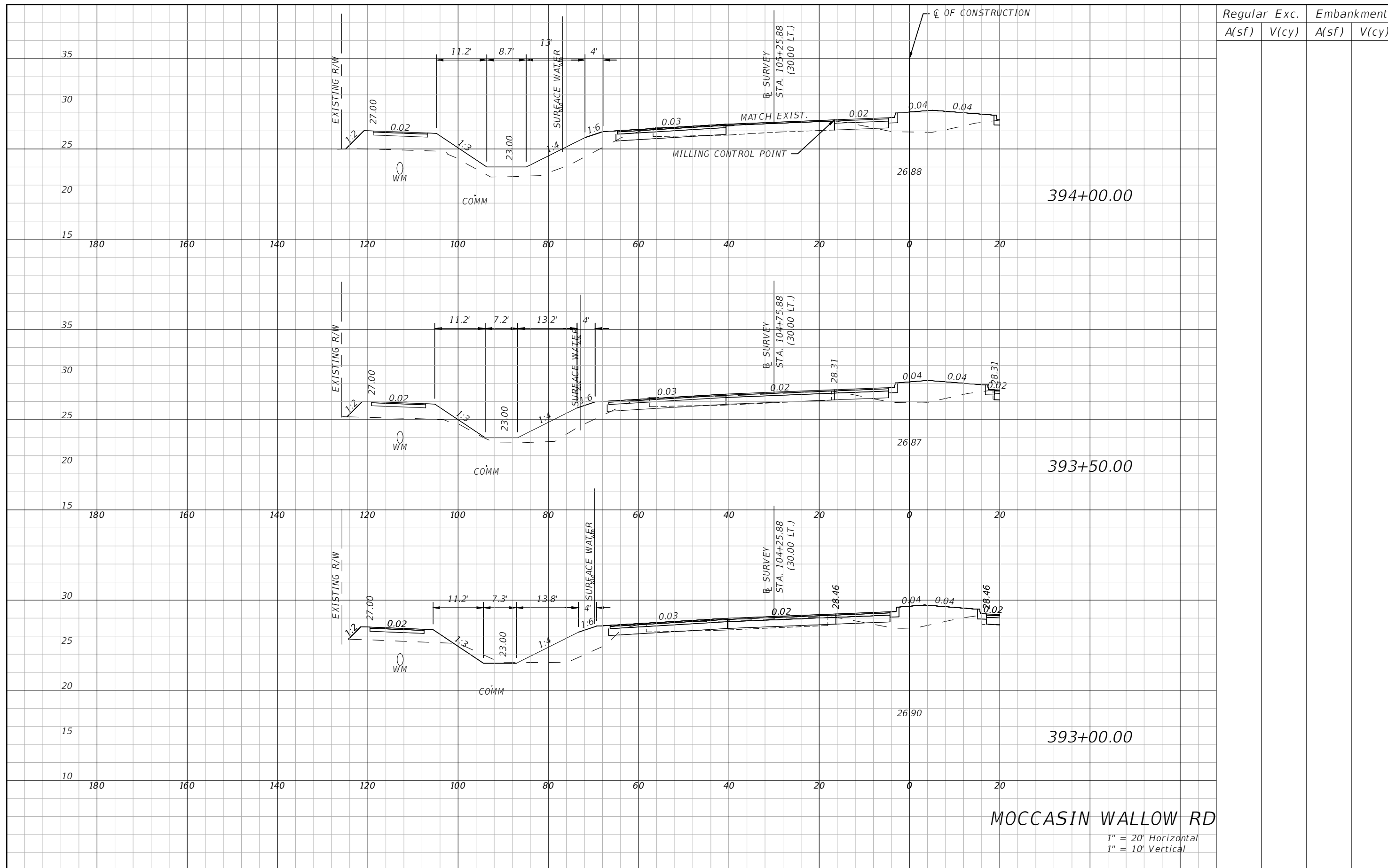
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (73)

SHEET NO.
171

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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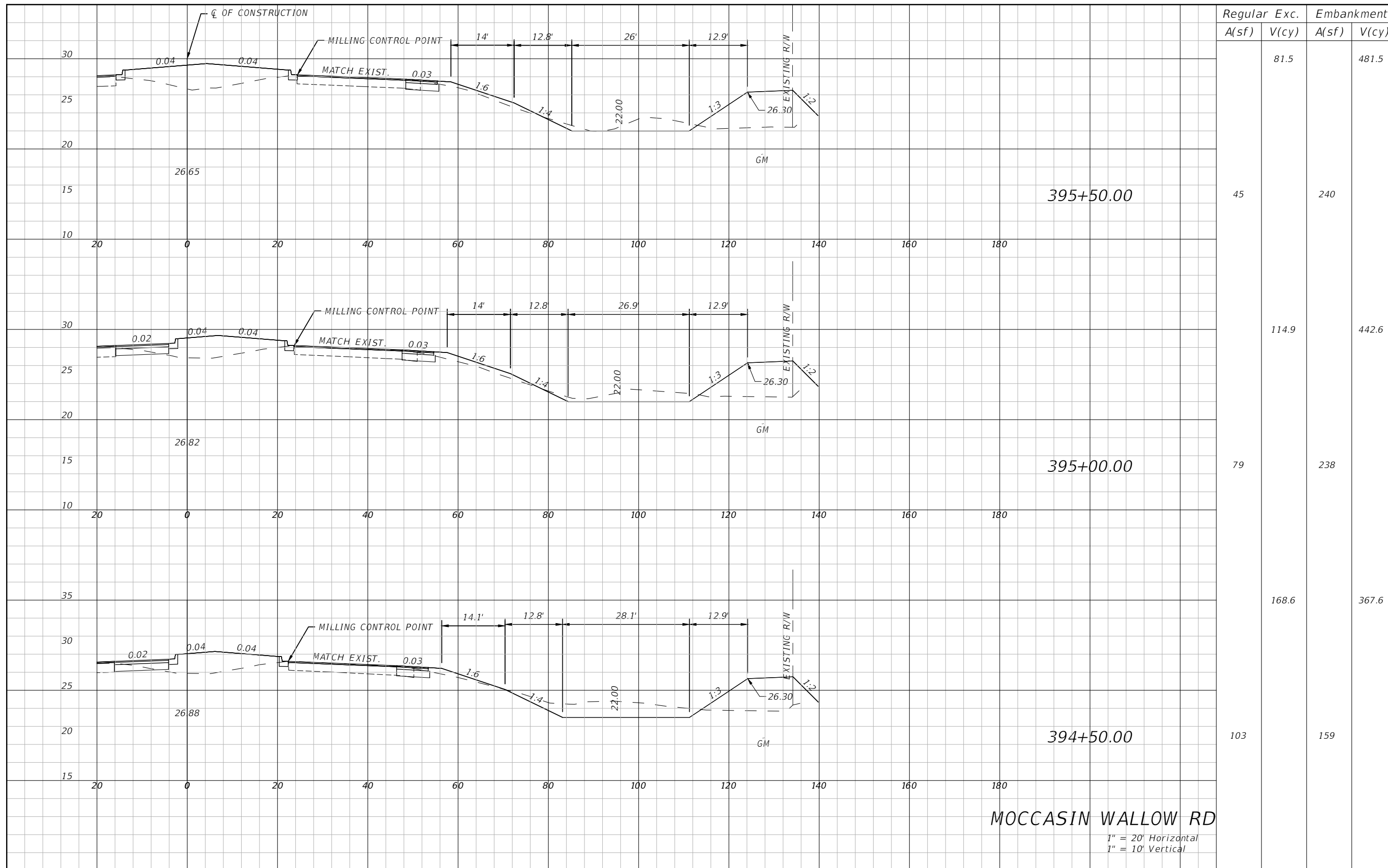
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (74)

SHEET NO.
172

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

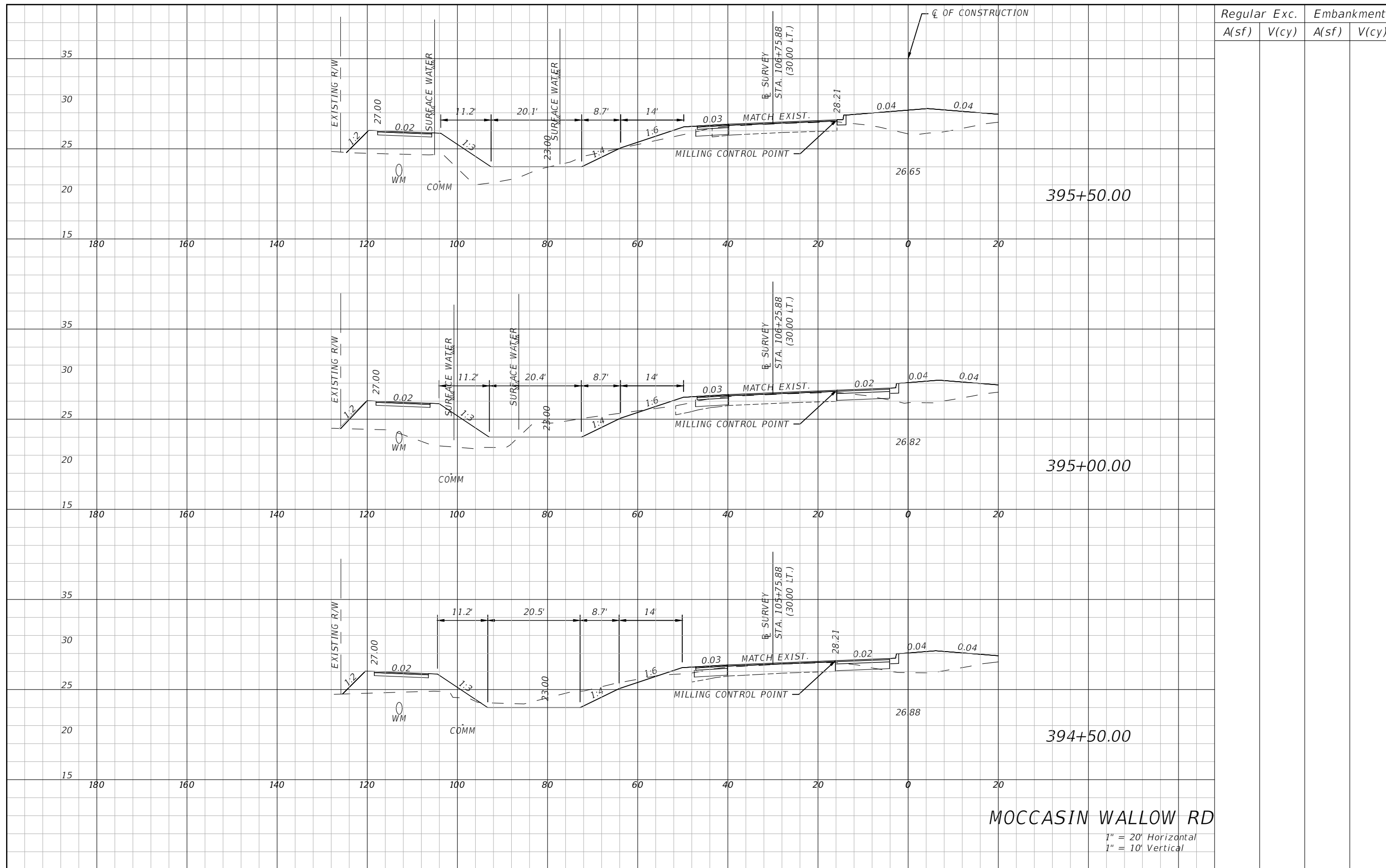
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (75)

SHEET NO.
173

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)	A(sf)	V(cy)

395+50.00

395+00.00

394+50.00

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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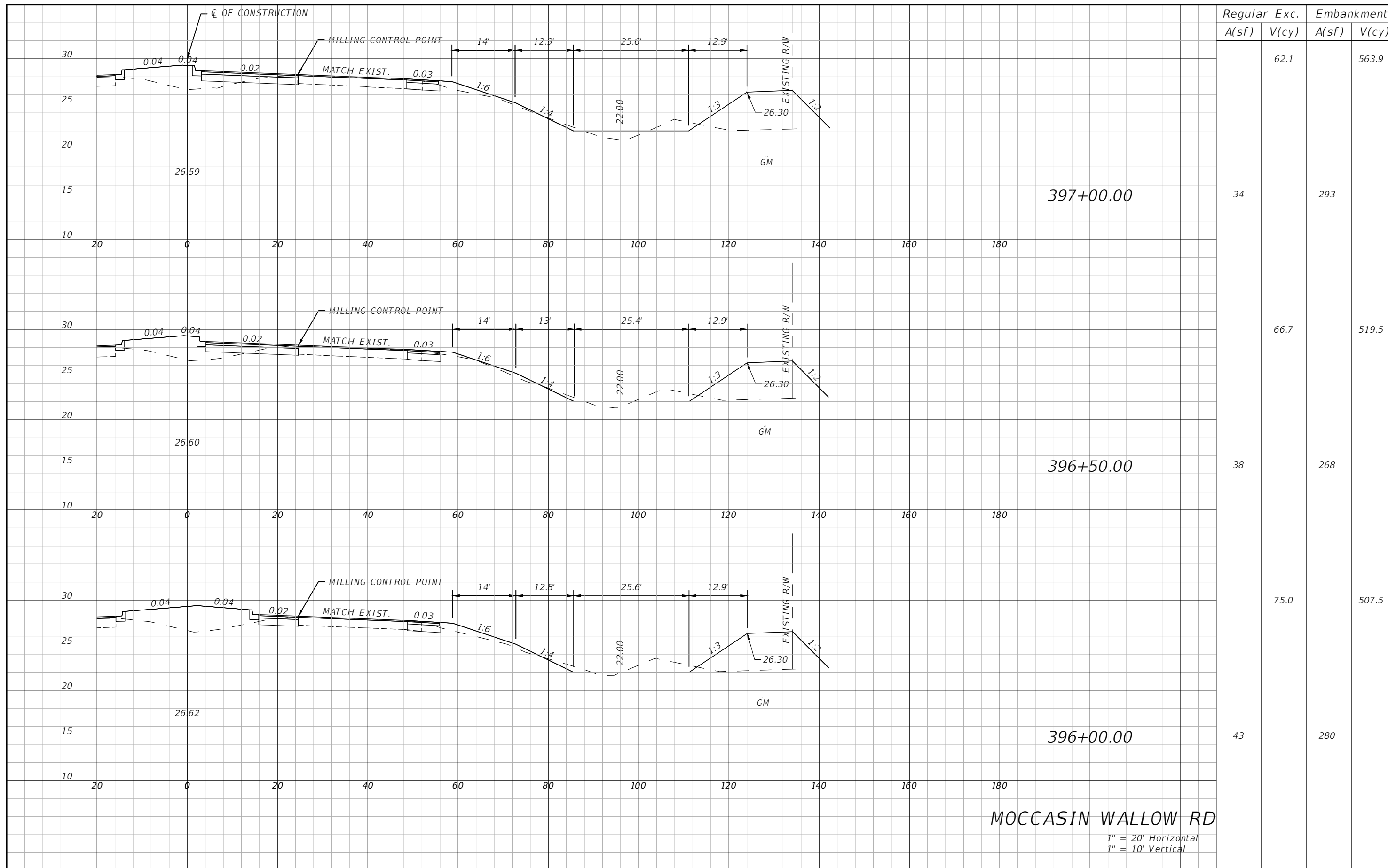
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (76)

SHEET NO.
174

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



MOCCASIN WALLOW RD

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

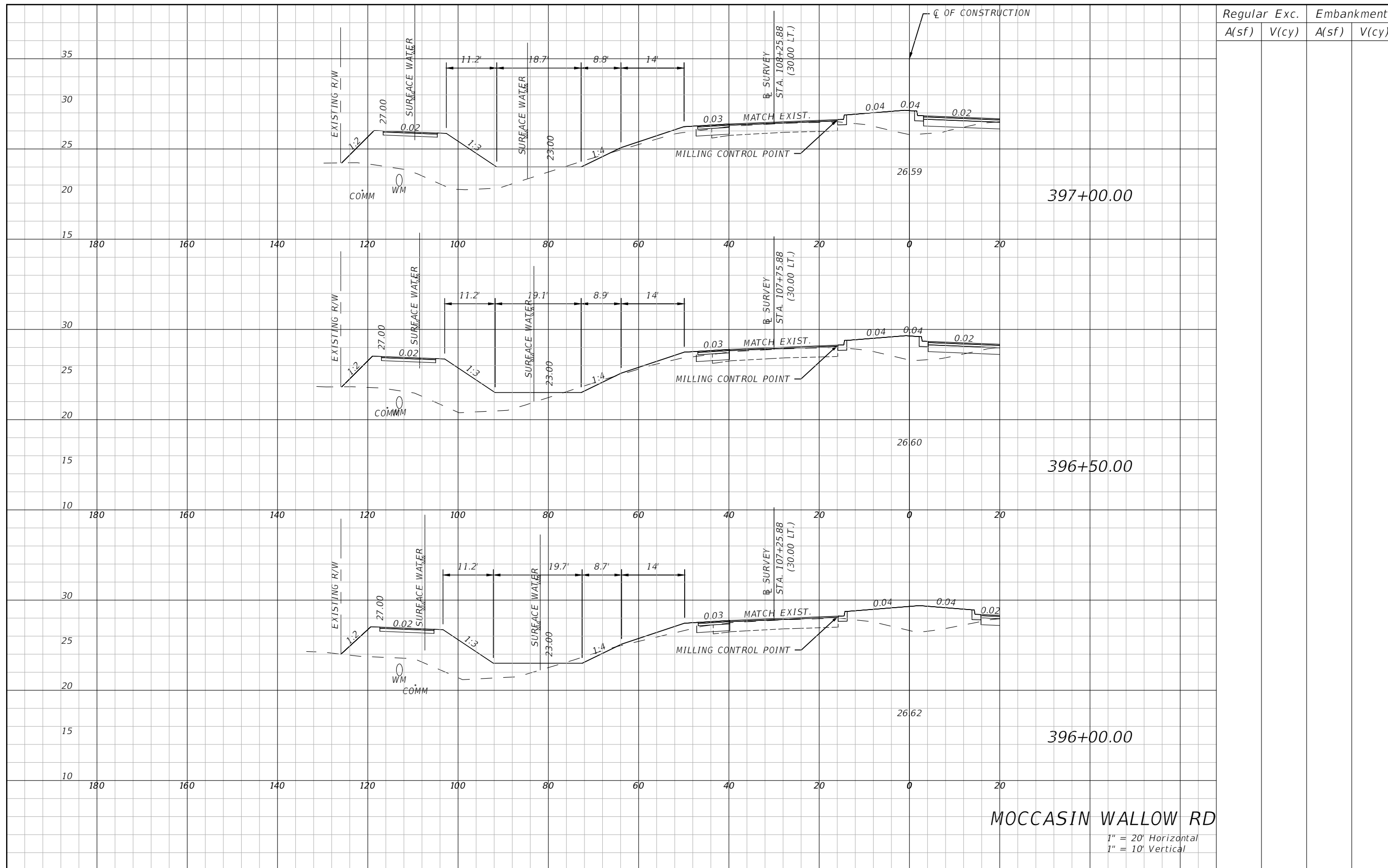
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

<p style="font-size: 1.2em; margin: 0;">CROSS SECTION (77)</p>	<p style="font-size: 0.8em; margin: 0;">SHEET NO.</p> <p style="font-size: 1.2em; margin: 0;">175</p>
----------------------------------------------------------------	-------------------------------------------------------------------------------------------------------

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)	A(sf)	V(cy)

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

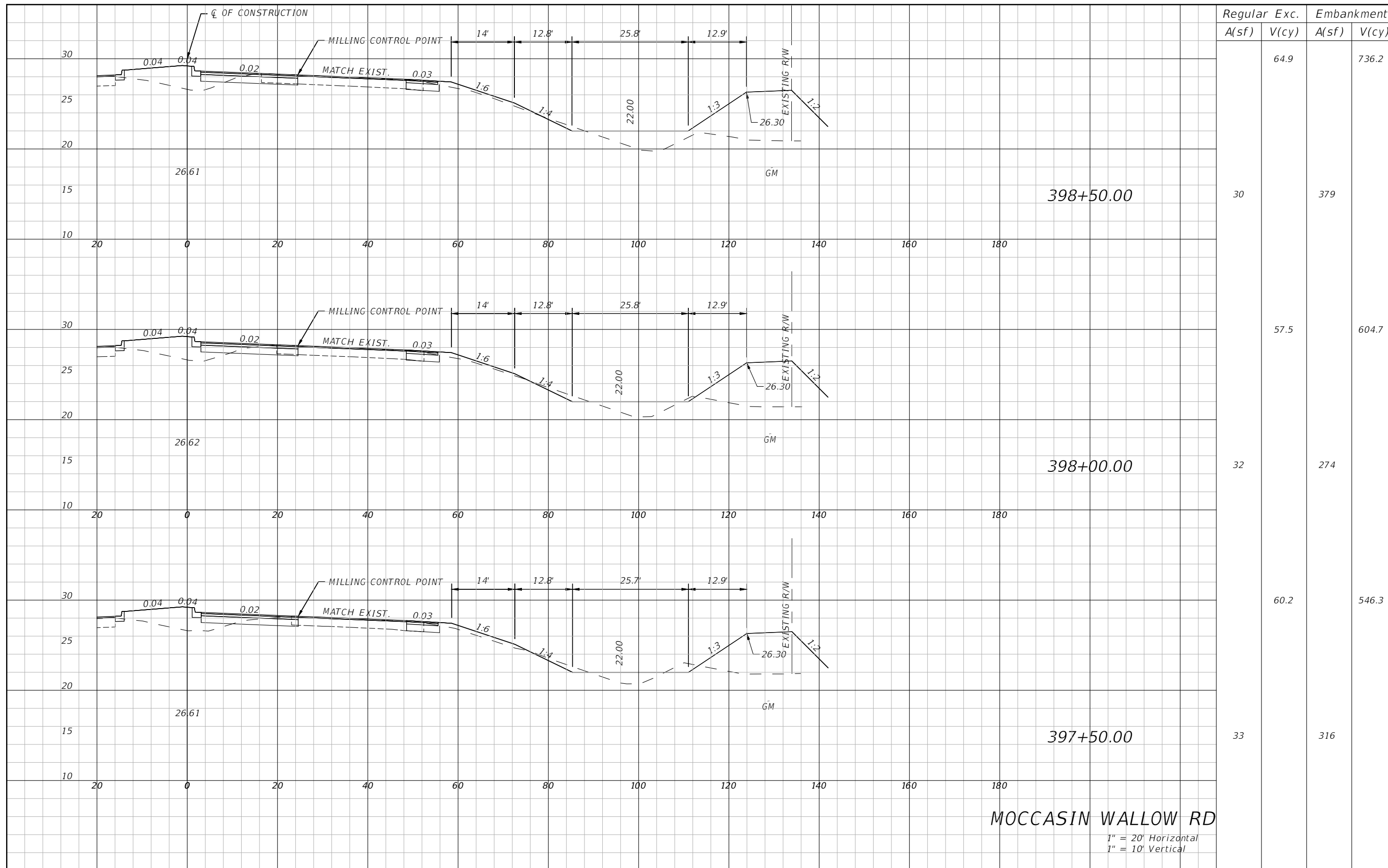
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (78)

SHEET NO.
176

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)	A(sf)	V(cy)
30	64.9			379	736.2
32	57.5			274	604.7
33	60.2			316	546.3

MOCCASIN WALLOW RD
 1" = 20' Horizontal
 1" = 10' Vertical

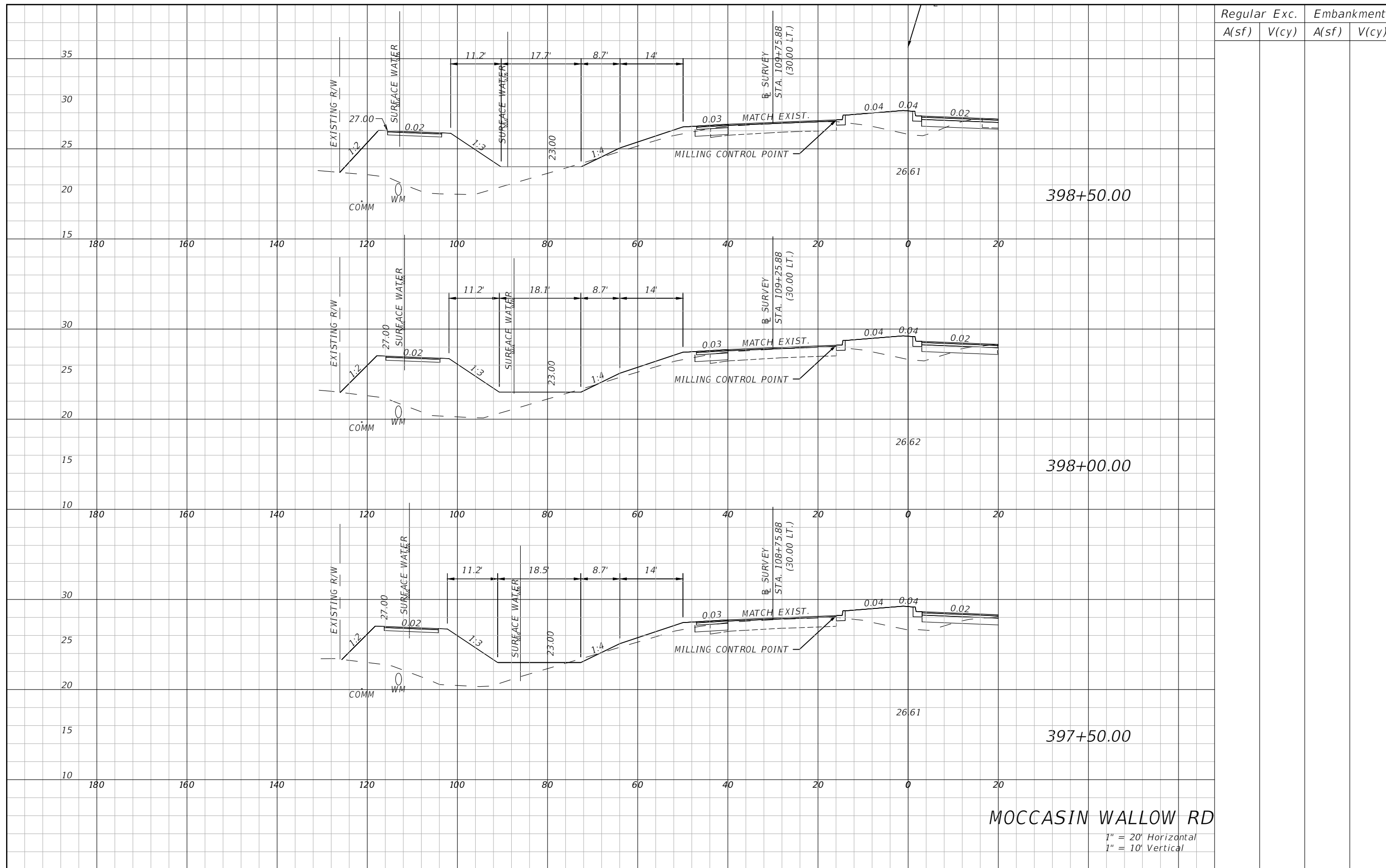
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (79)
 SHEET NO.
 177

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)	A(sf)	V(cy)

398+50.00

398+00.00

397+50.00

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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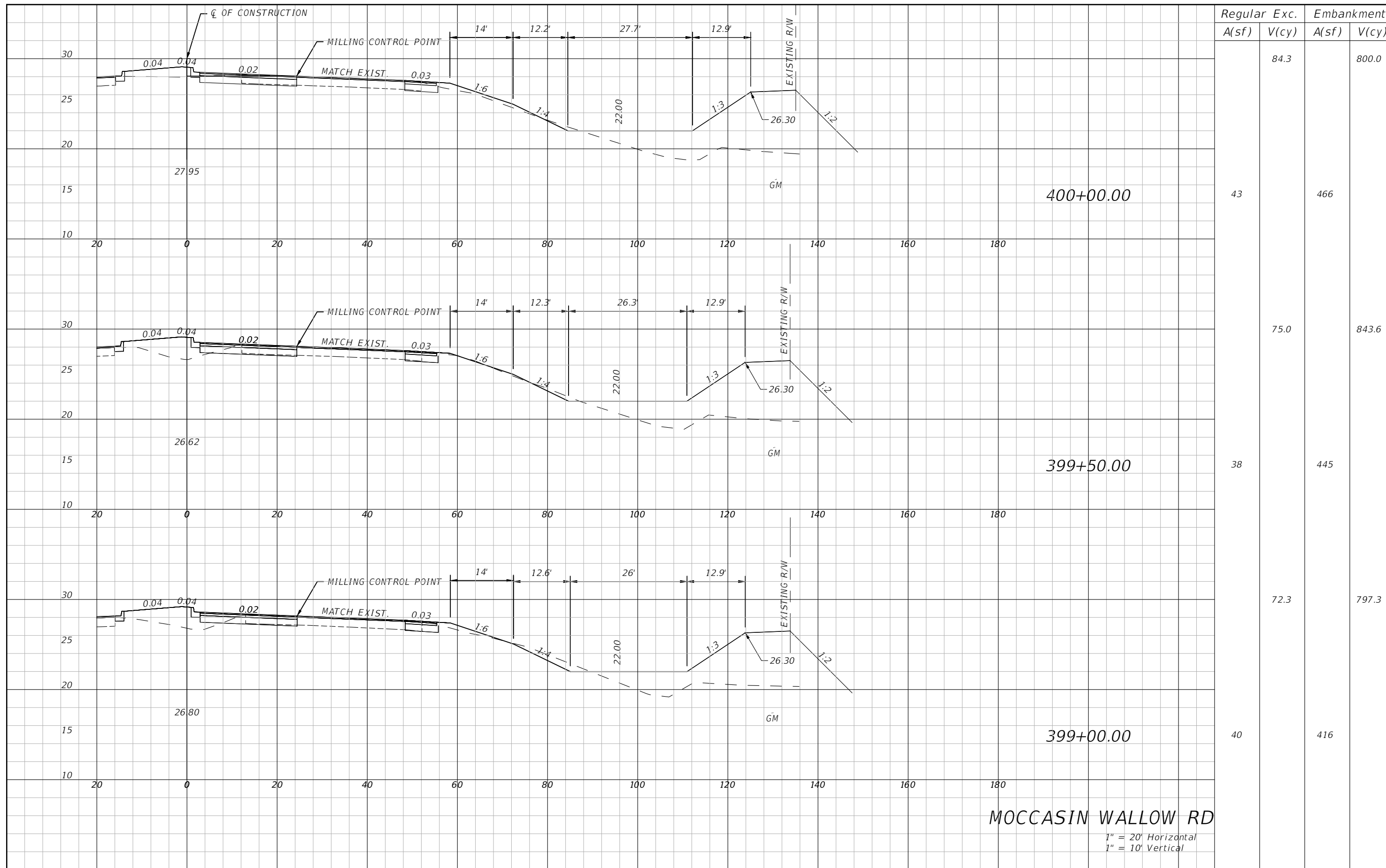
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (80)

SHEET NO.
178

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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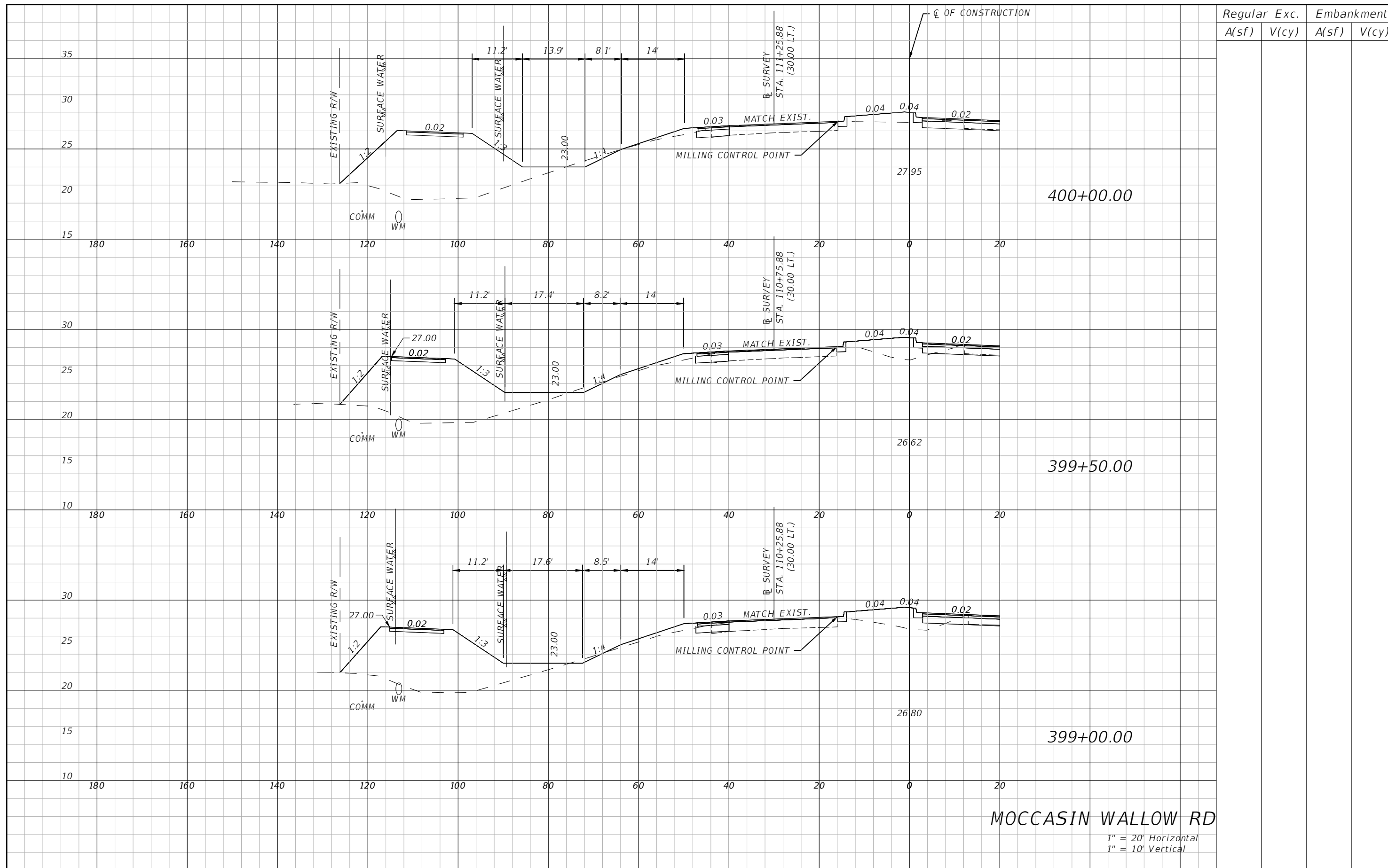
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (81)

SHEET NO.
179

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)	A(sf)	V(cy)

400+00.00

399+50.00

399+00.00

MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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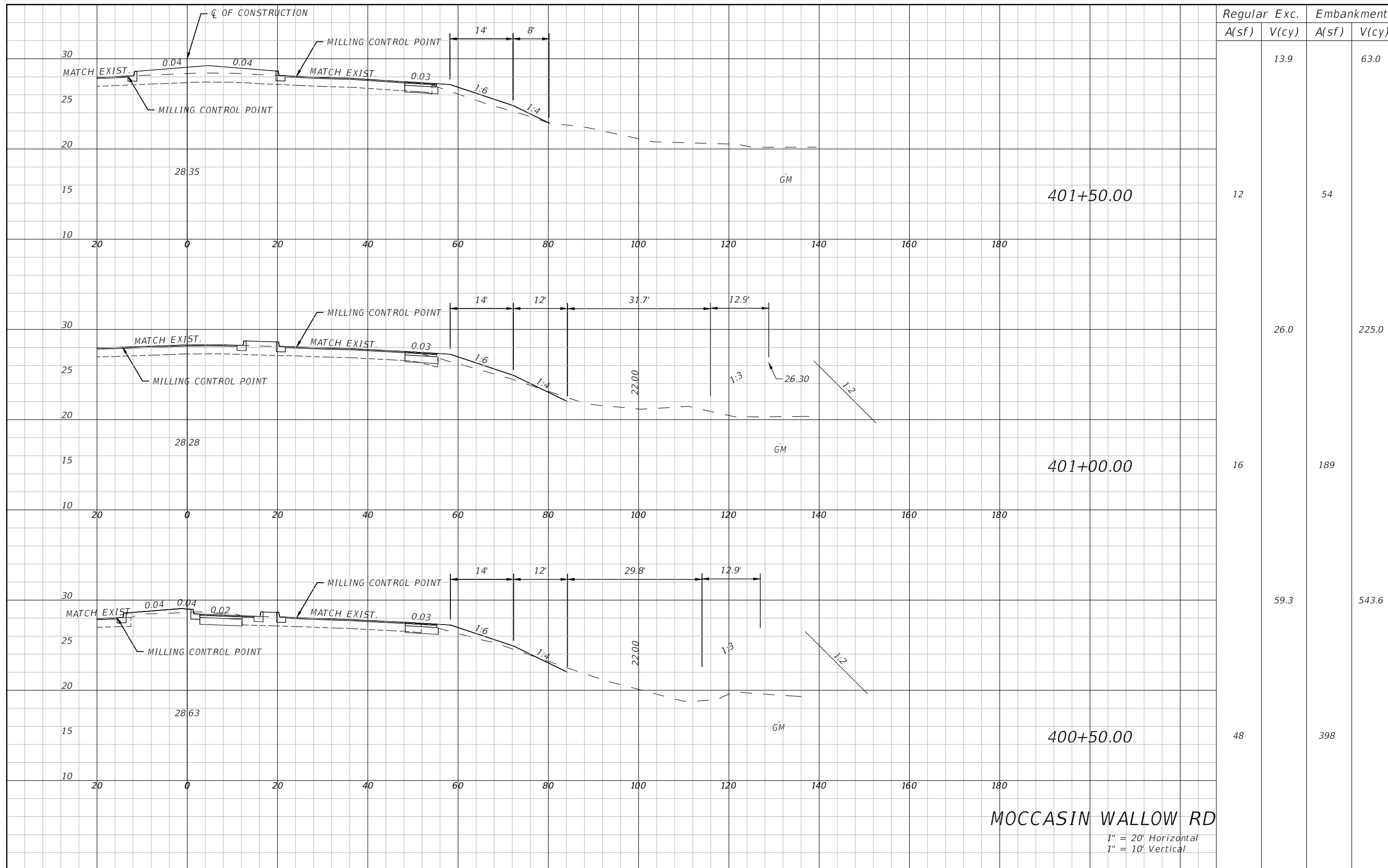
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (82)

SHEET NO.
180

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



MOCCASIN WALLOW RD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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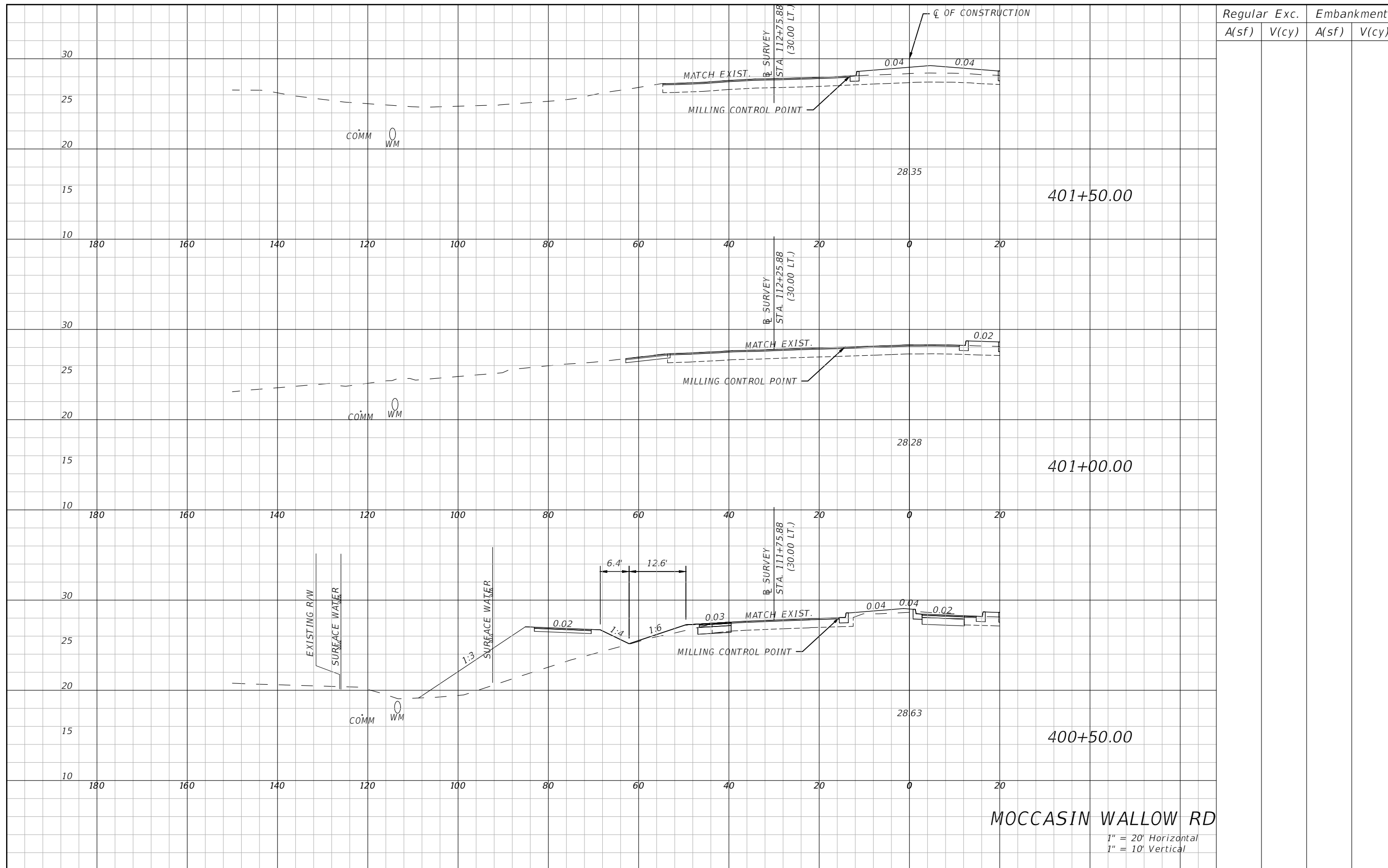
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (83)

SHEET NO.
181

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)	A(sf)	V(cy)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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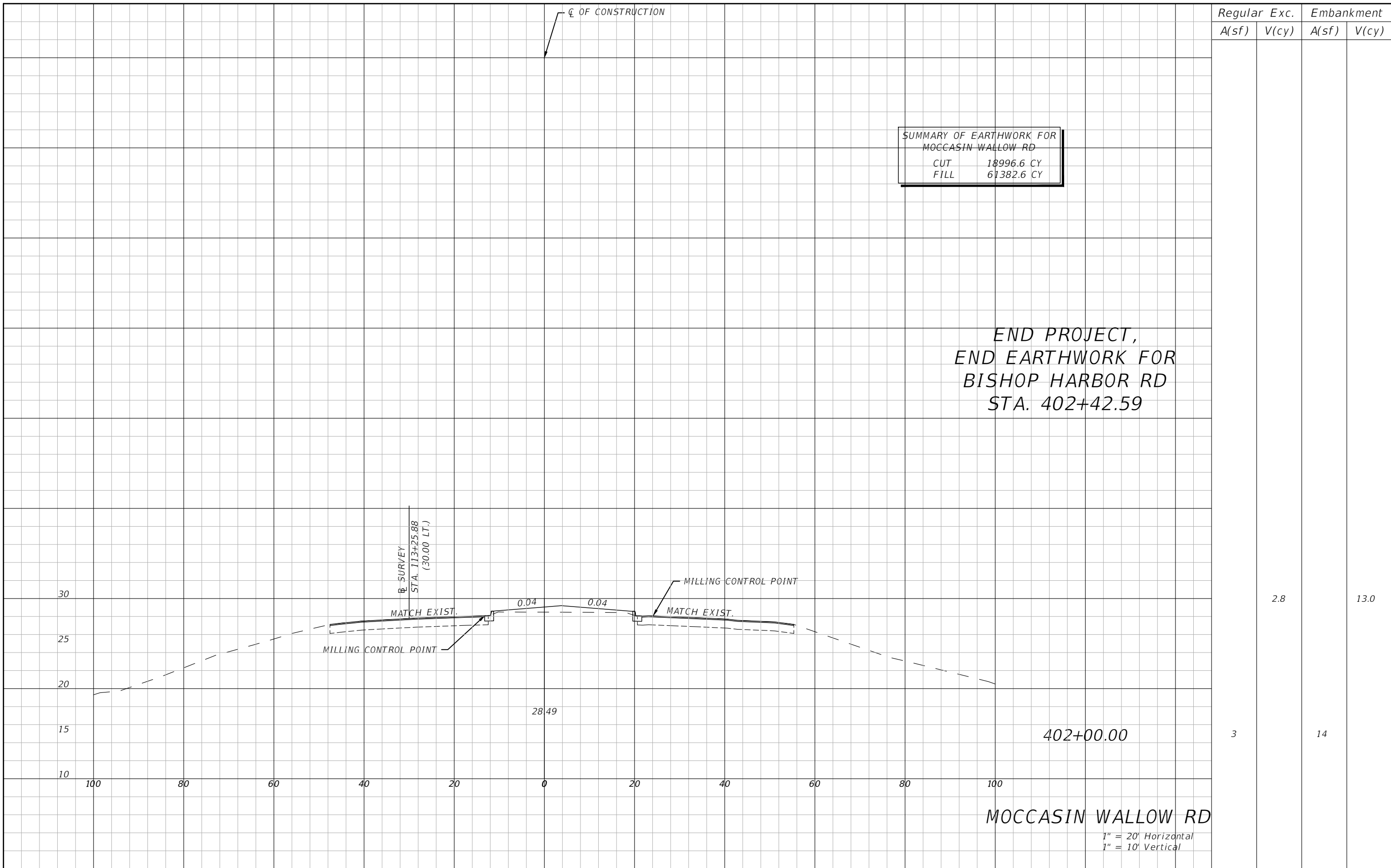
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (84)

SHEET NO.
182

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



SUMMARY OF EARTHWORK FOR MOCCASIN WALLOW RD	
CUT	18996.6 CY
FILL	61382.6 CY

END PROJECT,
END EARTHWORK FOR
BISHOP HARBOR RD
STA. 402+42.59

Regular A(sf)	Exc. V(cy)	Embankment A(sf)	V(cy)
3	2.8	14	13.0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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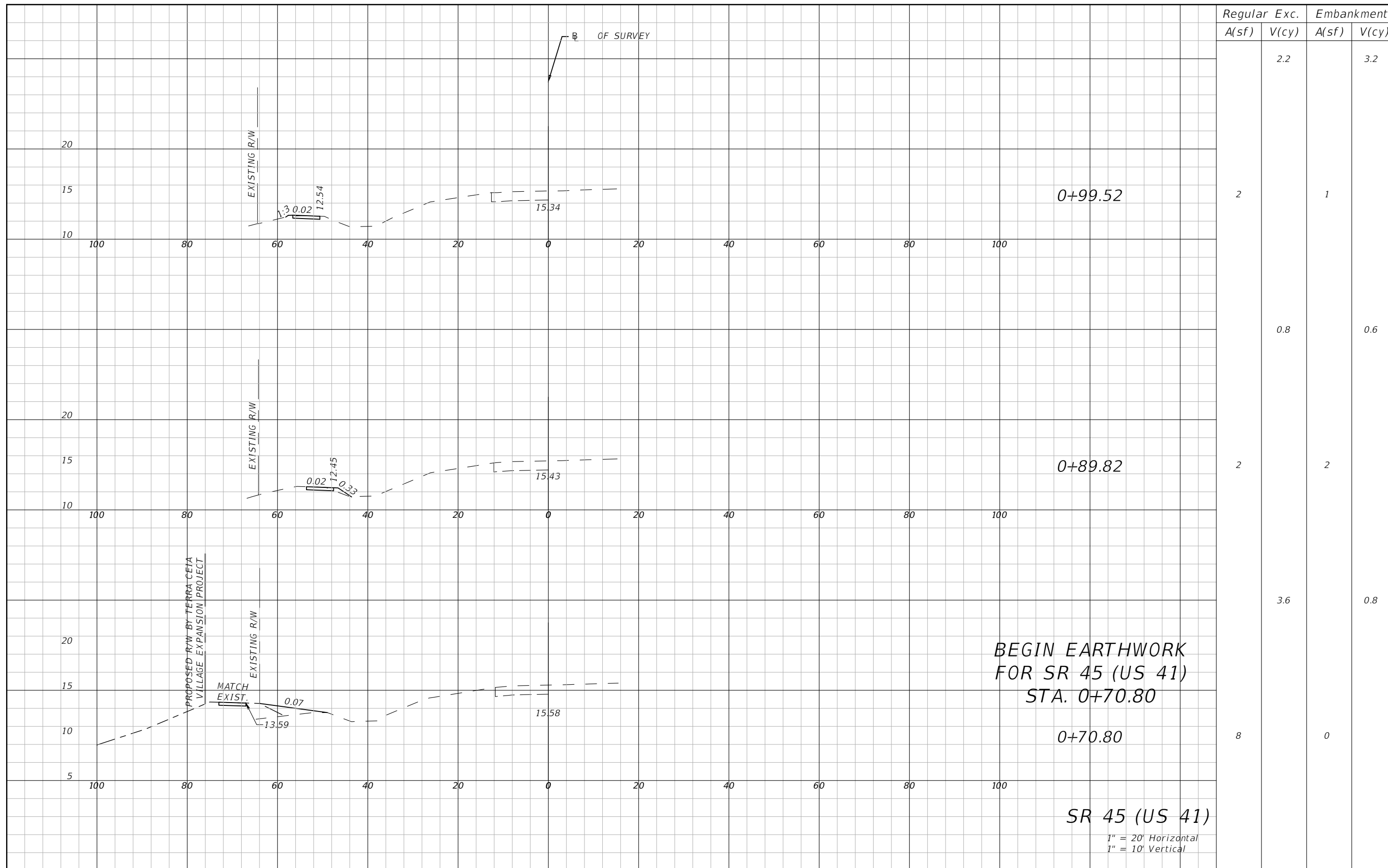
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (85)

SHEET NO.
183

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)	A(sf)	V(cy)
			2.2		3.2
2		1			
			0.8		0.6
2		2			
			3.6		0.8
8		0			

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

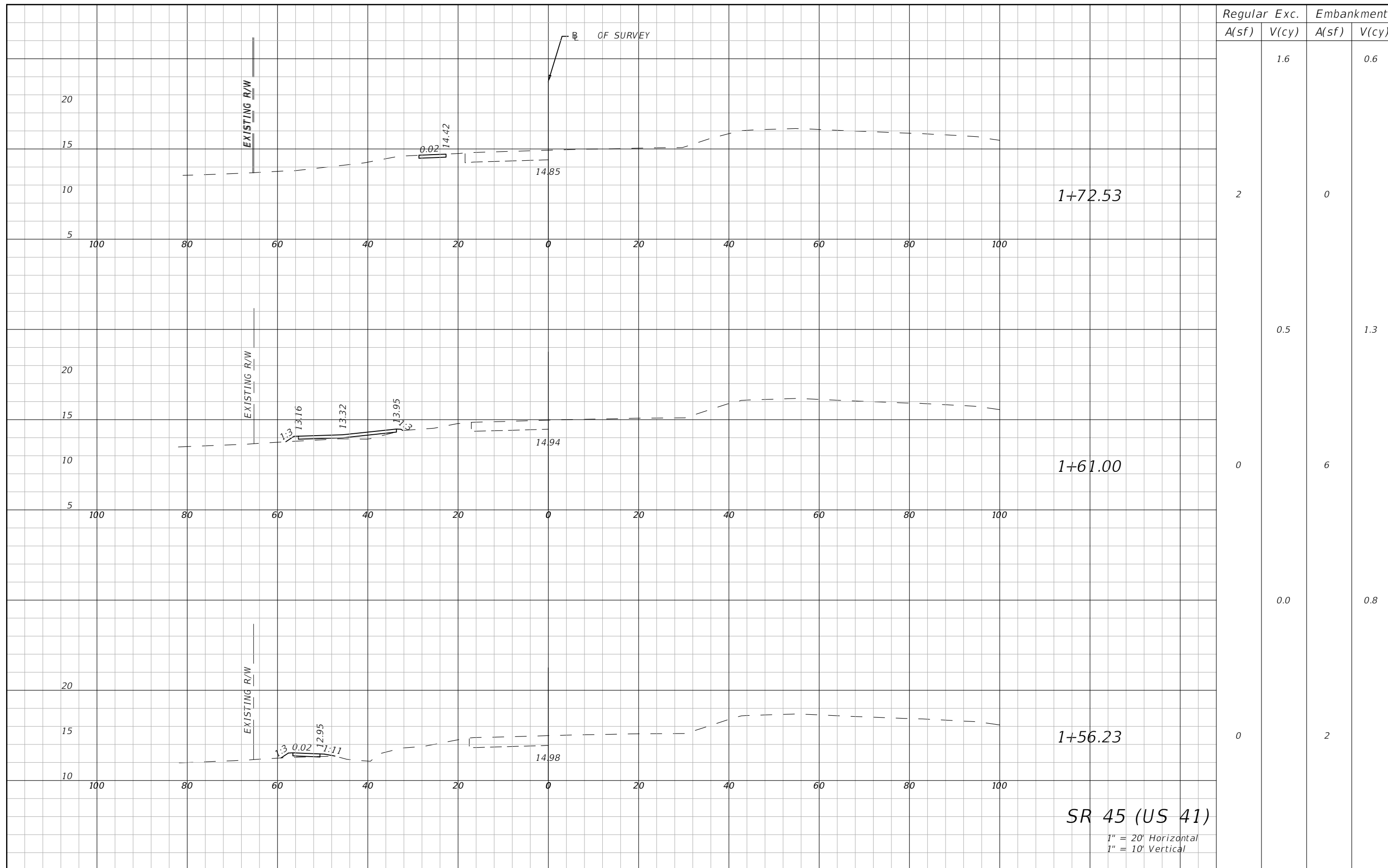
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (86)

SHEET NO.
184



SR 45 (US 41)
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

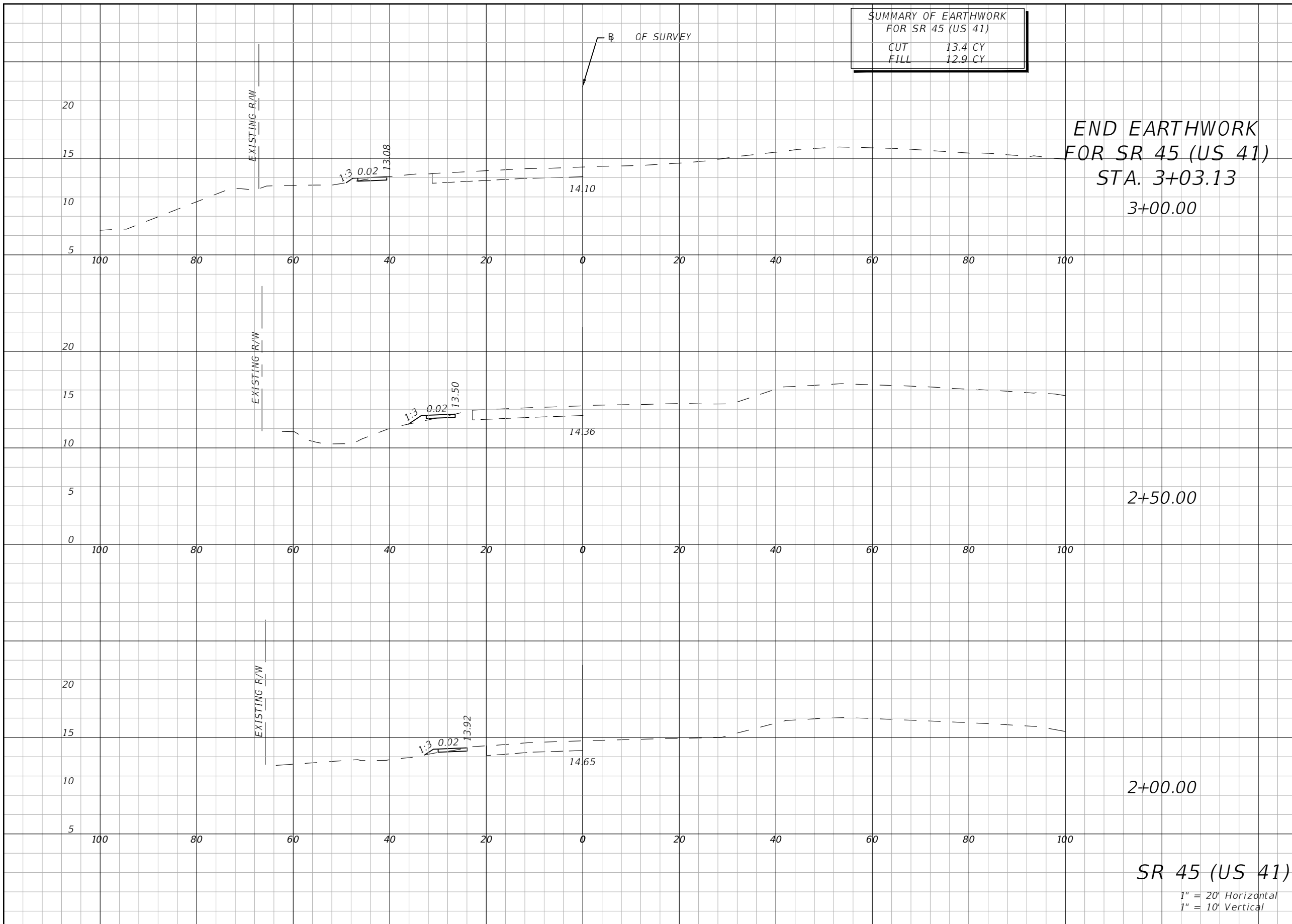
CROSS SECTION (87)

SHEET NO.
185

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

SUMMARY OF EARTHWORK FOR SR 45 (US 41)	
CUT	13.4 CY
FILL	12.9 CY

Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
2			2.8	1	2.8
1		1	1.9	2	2.8
		1		1	



SR 45 (US 41)
 1" = 20' Horizontal
 1" = 10' Vertical

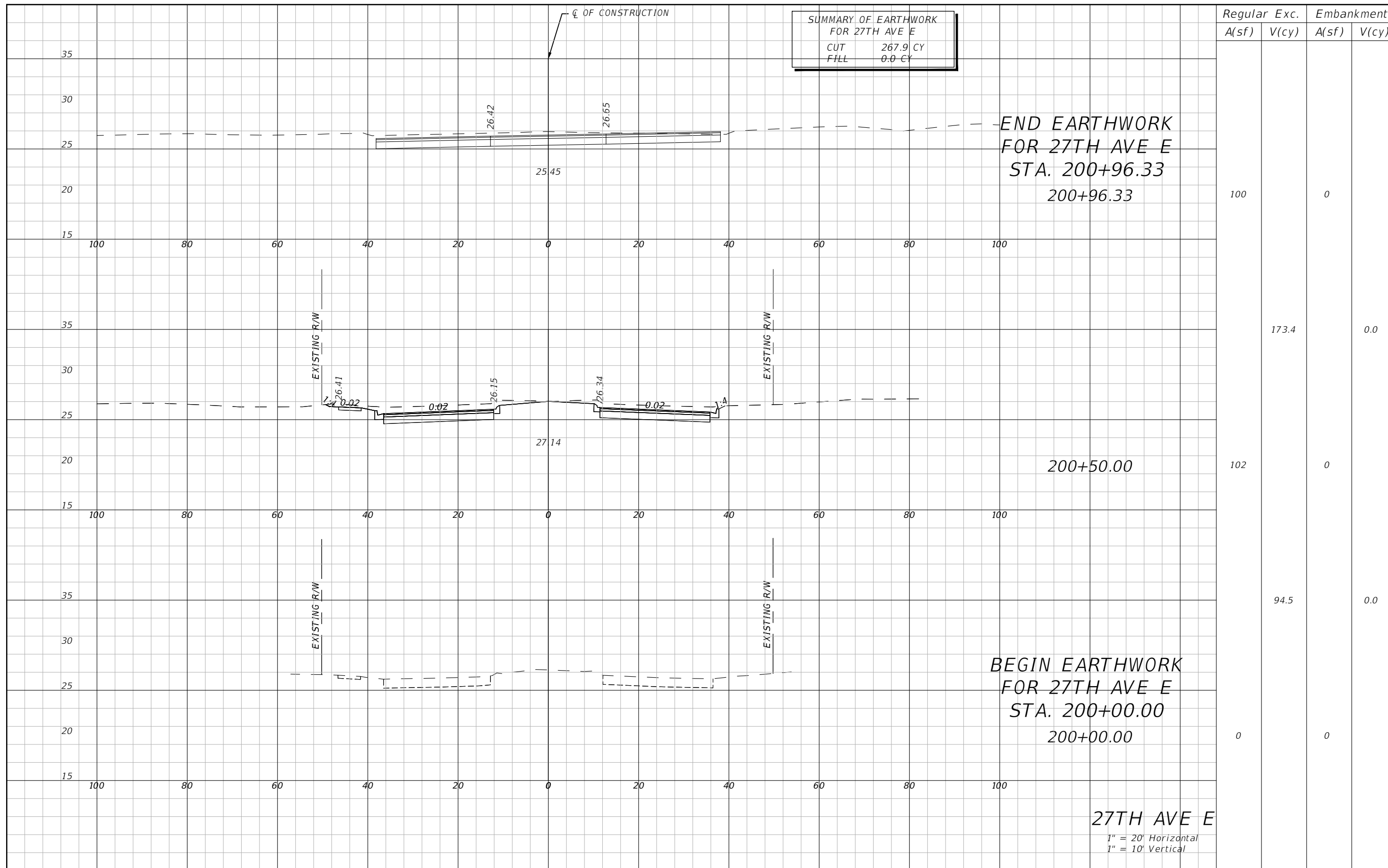
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (88)
 SHEET NO.
 186

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



SUMMARY OF EARTHWORK
FOR 27TH AVE E
CUT 267.9 CY
FILL 0.0 CY

END EARTHWORK
FOR 27TH AVE E
STA. 200+96.33
200+96.33

200+50.00

BEGIN EARTHWORK
FOR 27TH AVE E
STA. 200+00.00
200+00.00

27TH AVE E
1" = 20' Horizontal
1" = 10' Vertical

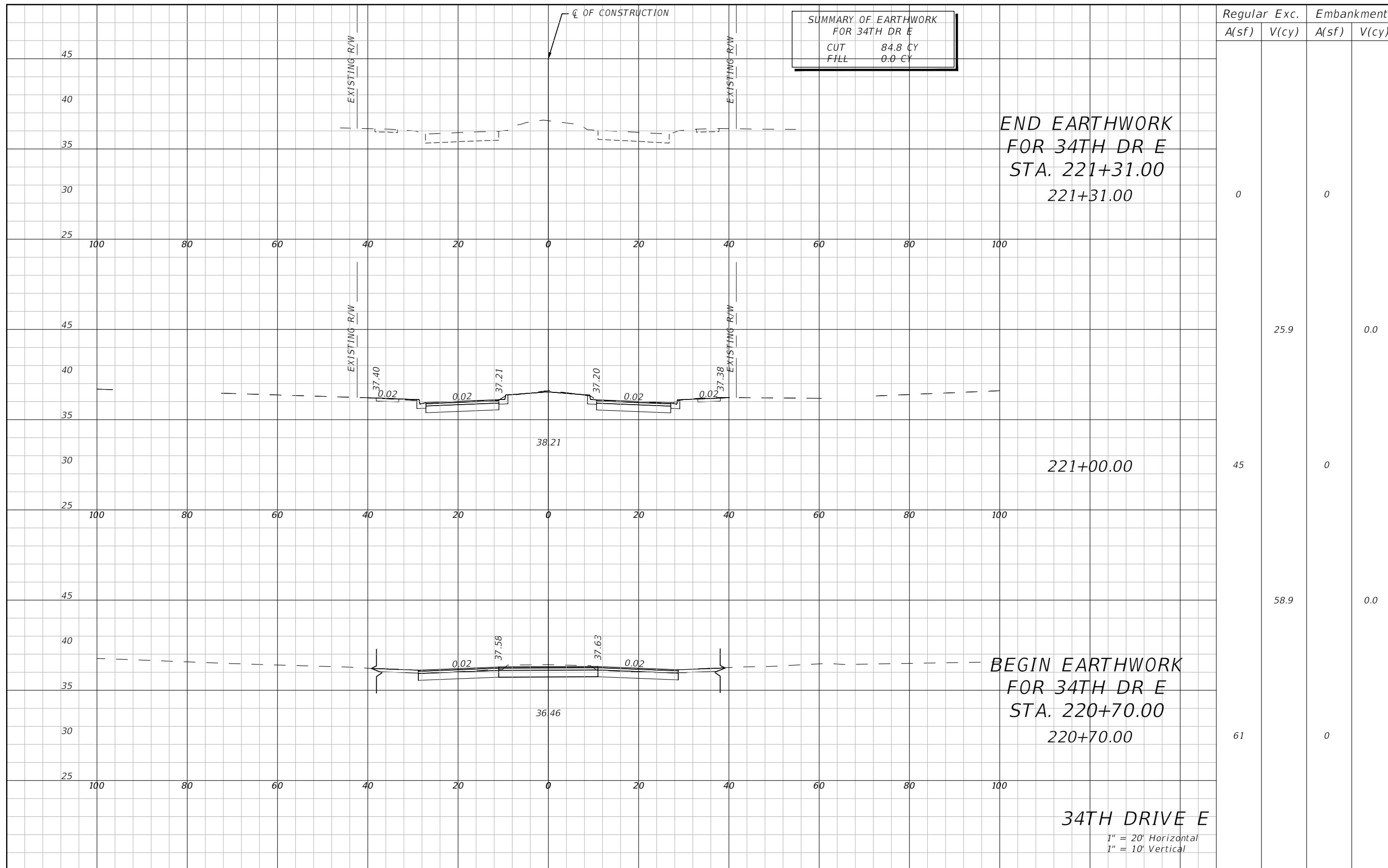
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY
ROAD NO. MOCCASIN WALLOW RD
FINANCIAL PROJECT ID 6092560

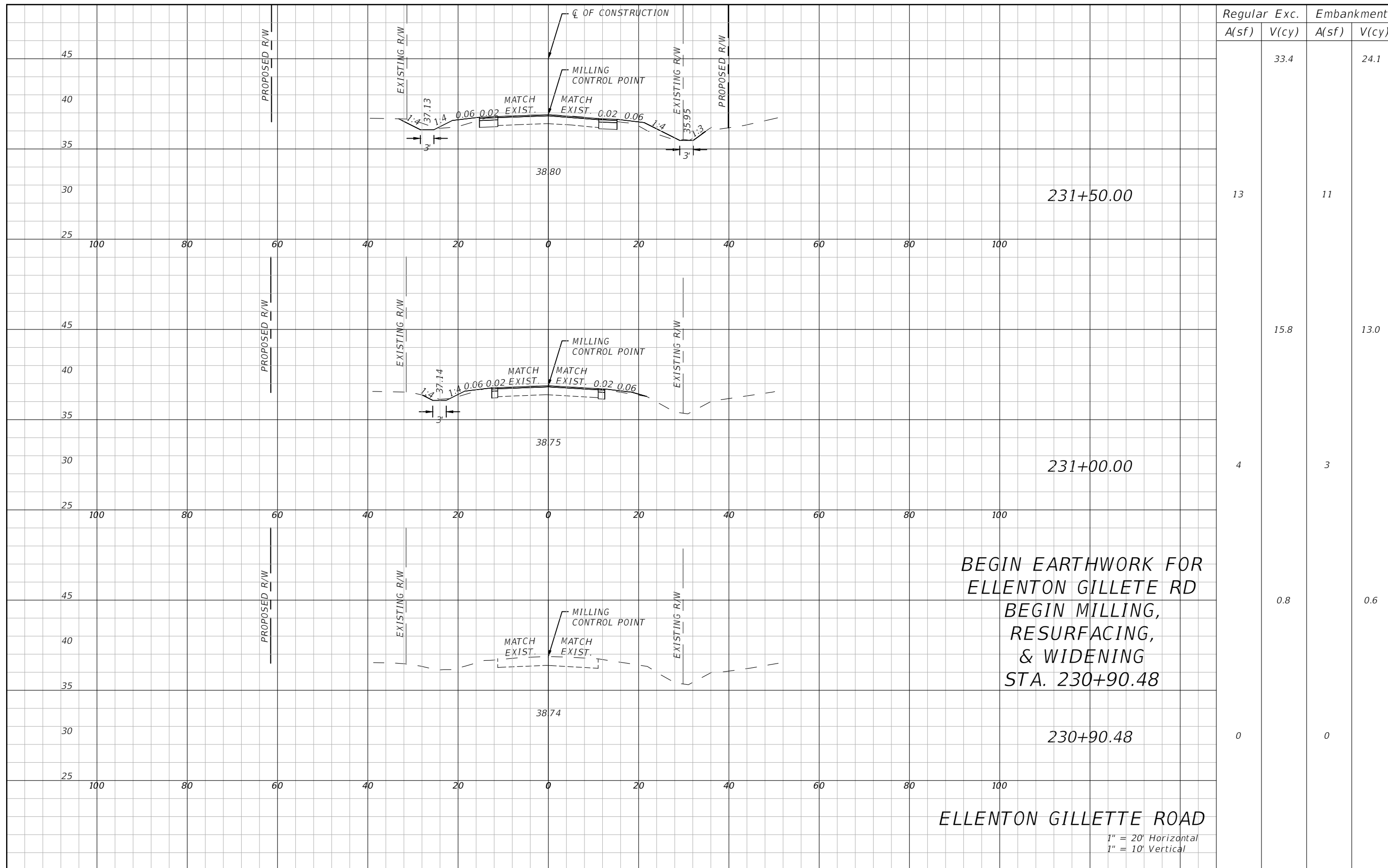
CROSS SECTION (89)
SHEET NO. 187

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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				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		CROSS SECTION (90)	SHEET NO. 188
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	FINANCIAL PROJECT ID		
---	---	---	---	MOCCASIN WALLOW RD	6092560			



Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
			33.4		24.1
13				11	
		15.8			13.0
4				3	
		0.8			0.6
0				0	

BEGIN EARTHWORK FOR
ELLENTON GILLETTE RD
BEGIN MILLING,
RESURFACING,
& WIDENING
STA. 230+90.48

ELLENTON GILLETTE ROAD
1" = 20' Horizontal
1" = 10' Vertical

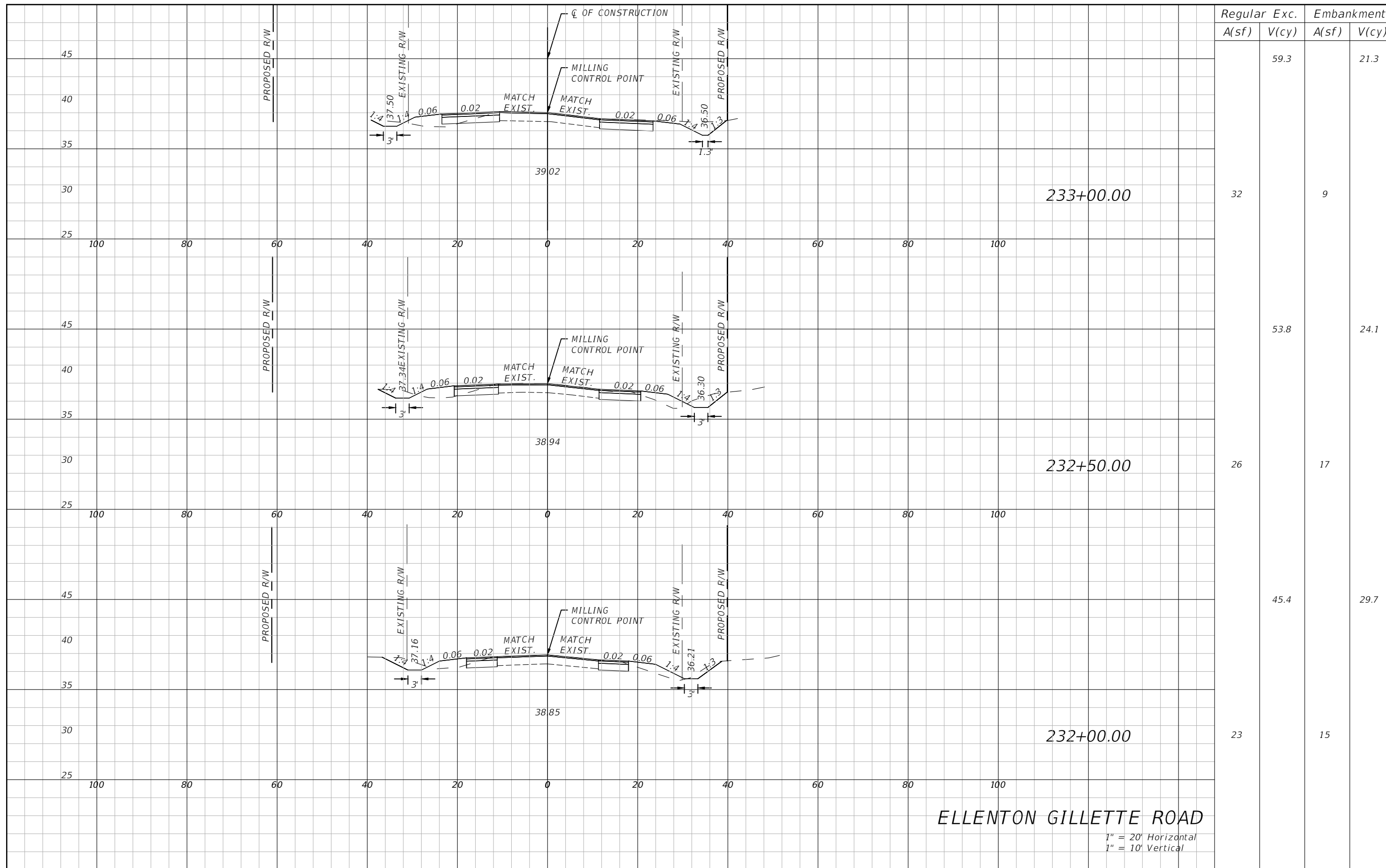
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (91)
SHEET NO.
189

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



ELLENTON GILLETTE ROAD

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

		Regular	Exc.	Embankment	
		A(sf)	V(cy)	A(sf)	V(cy)
			59.3		21.3
	233+00.00	32		9	
	232+50.00	26	53.8	17	24.1
	232+00.00	23	45.4	15	29.7

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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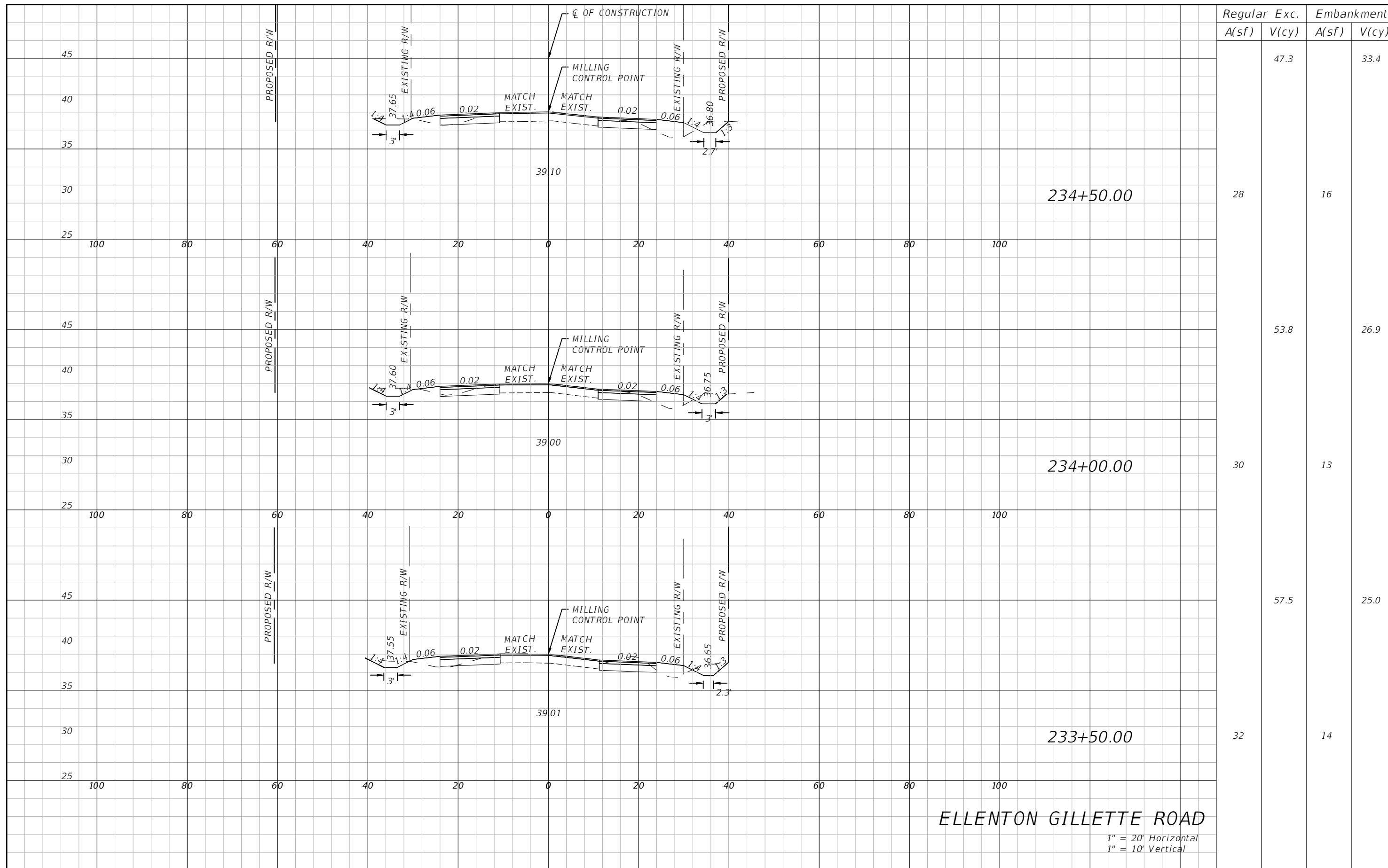
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (92)

SHEET NO.
190

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



Station	Regular		Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
234+50.00	28	47.3	16		33.4	
234+00.00	30	53.8	13		26.9	
233+50.00	32	57.5	14		25.0	

ELLENTON GILLETTE ROAD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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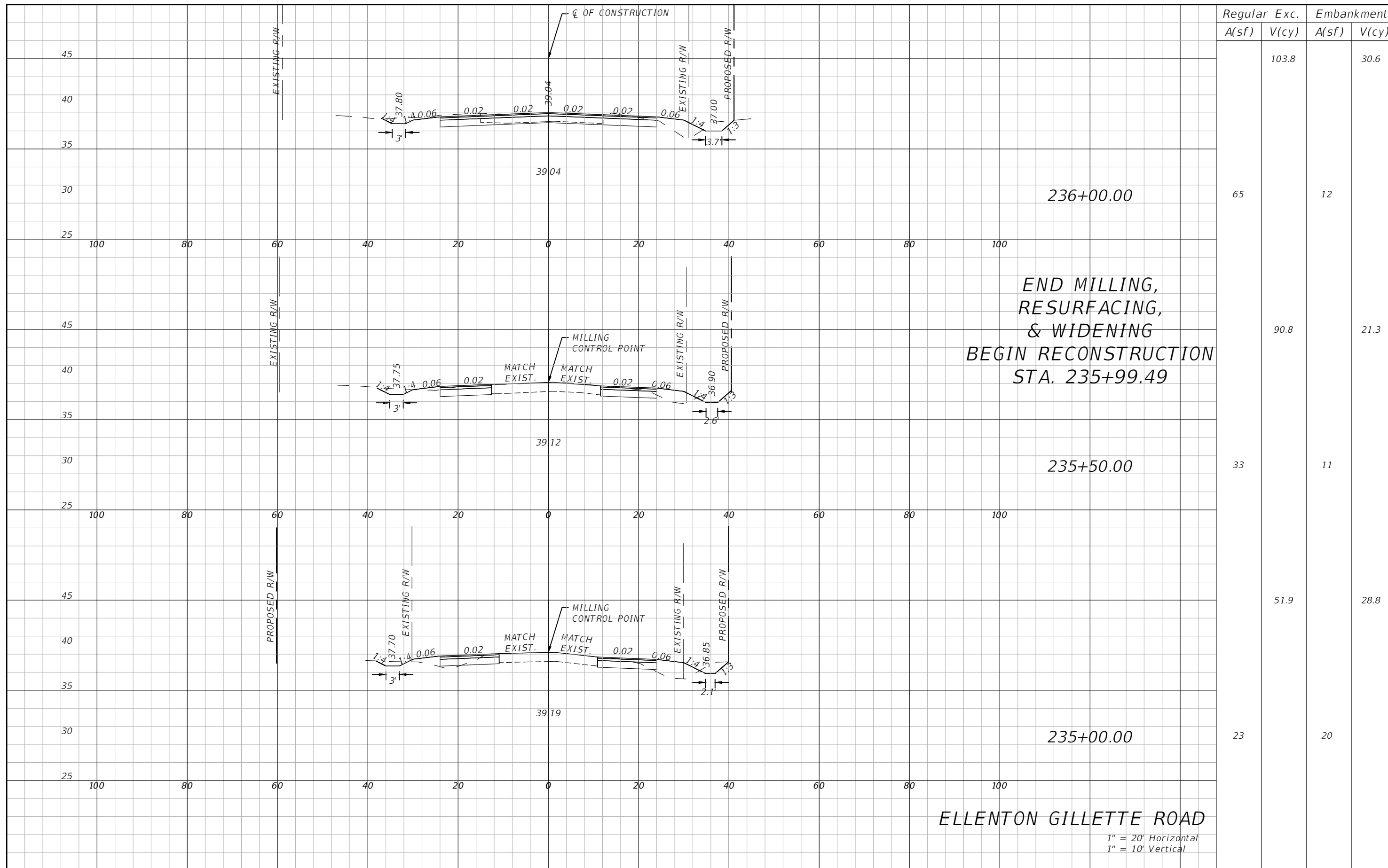
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (93)

SHEET NO.
191

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



END MILLING,
RESURFACING,
& WIDENING
BEGIN RECONSTRUCTION
STA. 235+99.49

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

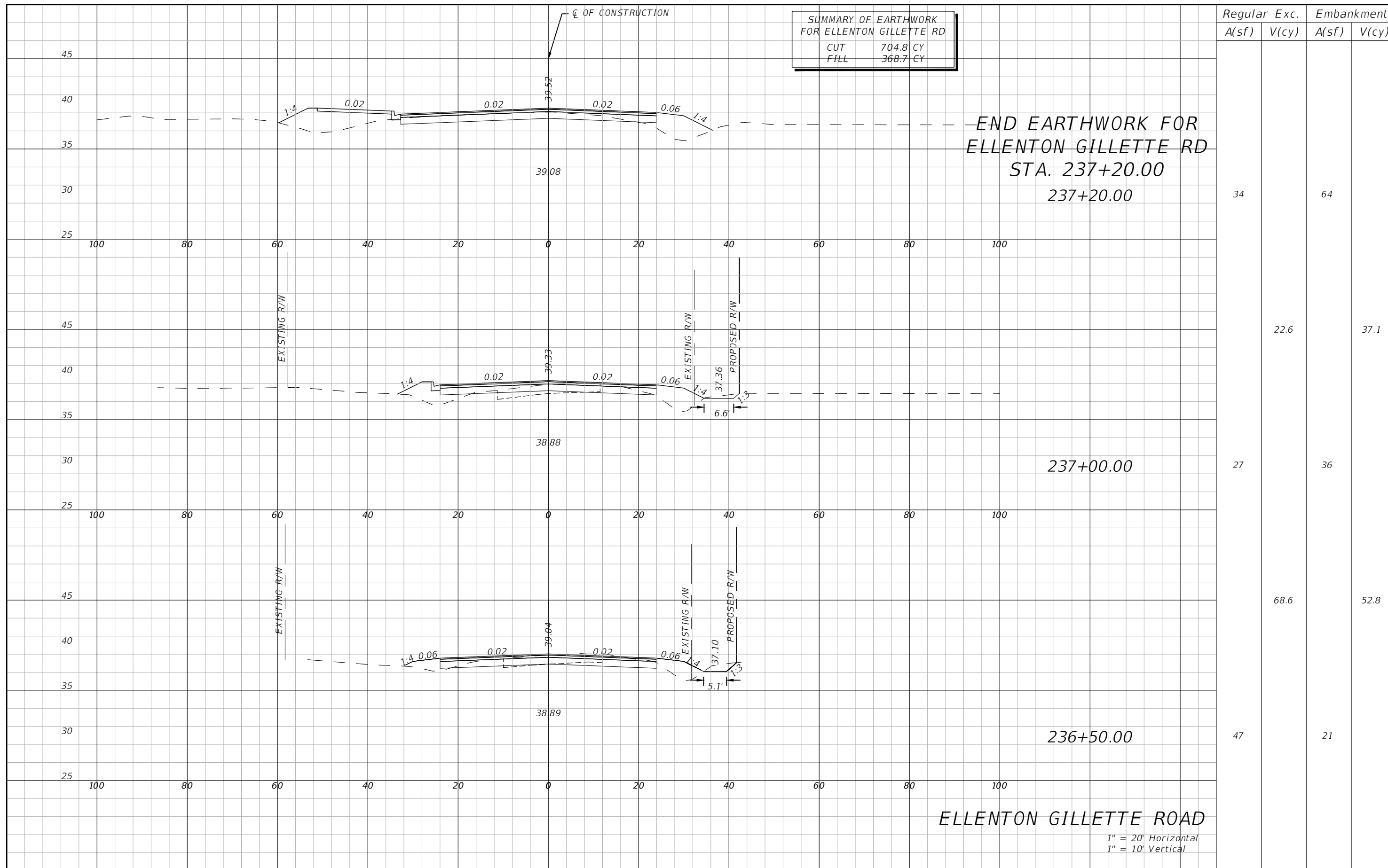
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	FINANCIAL PROJECT ID 6092560

CROSS SECTION (94)

SHEET NO.
192

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



**SUMMARY OF EARTHWORK
FOR ELLENTON GILLETTE RD**
 CUT 704.8 CY
 FILL 368.7 CY

END EARTHWORK FOR
 ELLENTON GILLETTE RD
 STA. 237+20.00
 237+20.00

237+00.00

236+50.00

ELLENTON GILLETTE ROAD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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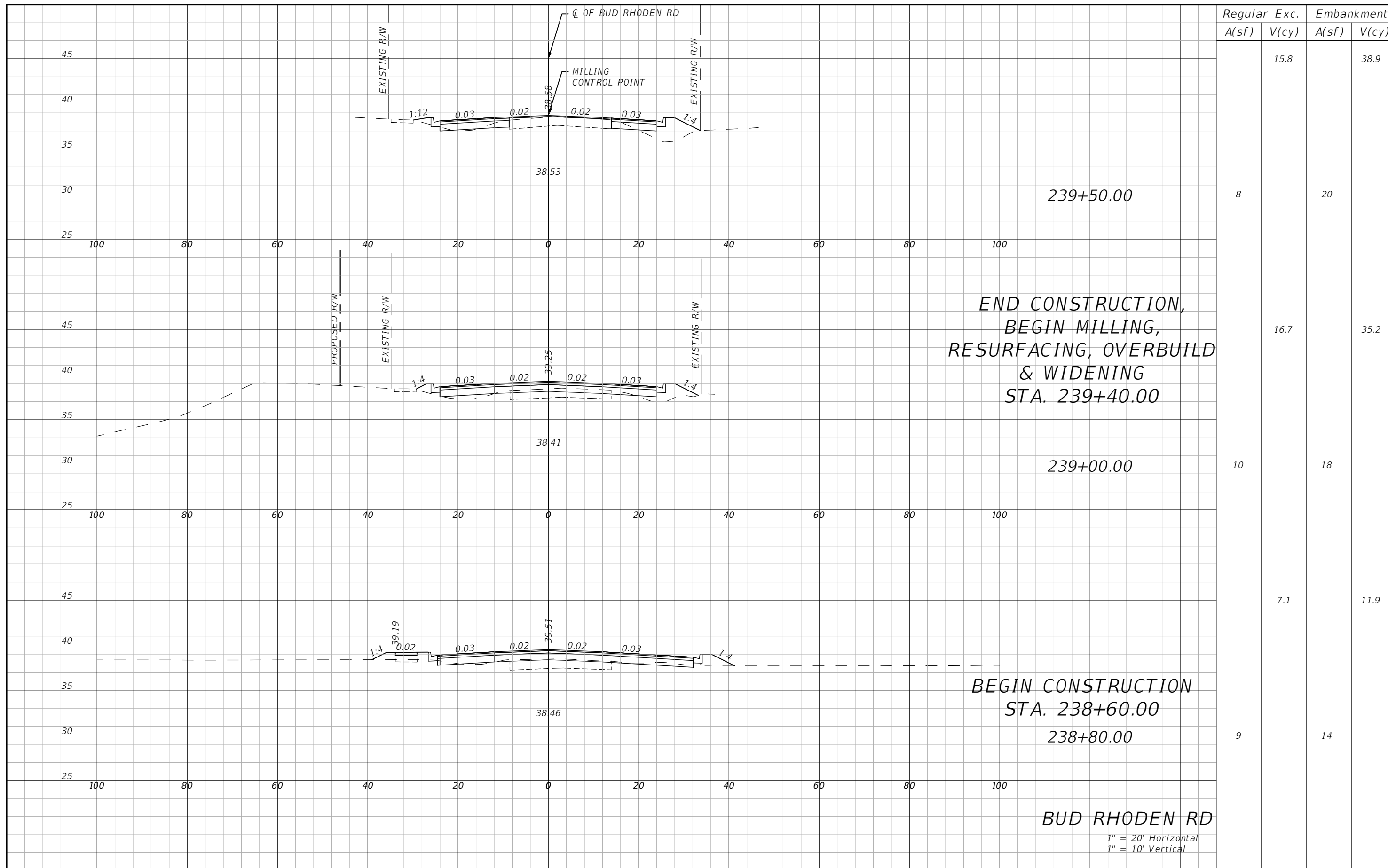
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY
 ROAD NO. MOCCASIN WALLOW RD
 FINANCIAL PROJECT ID 6092560

CROSS SECTION (95)

SHEET NO. 193

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)	A(sf)	V(cy)
	15.8		38.9		
8		20			
	16.7		35.2		
10		18			
	7.1		11.9		
9		14			

END CONSTRUCTION,
 BEGIN MILLING,
 RESURFACING, OVERBUILD
 & WIDENING
 STA. 239+40.00

BEGIN CONSTRUCTION
 STA. 238+60.00
 238+80.00

BUD RHODEN RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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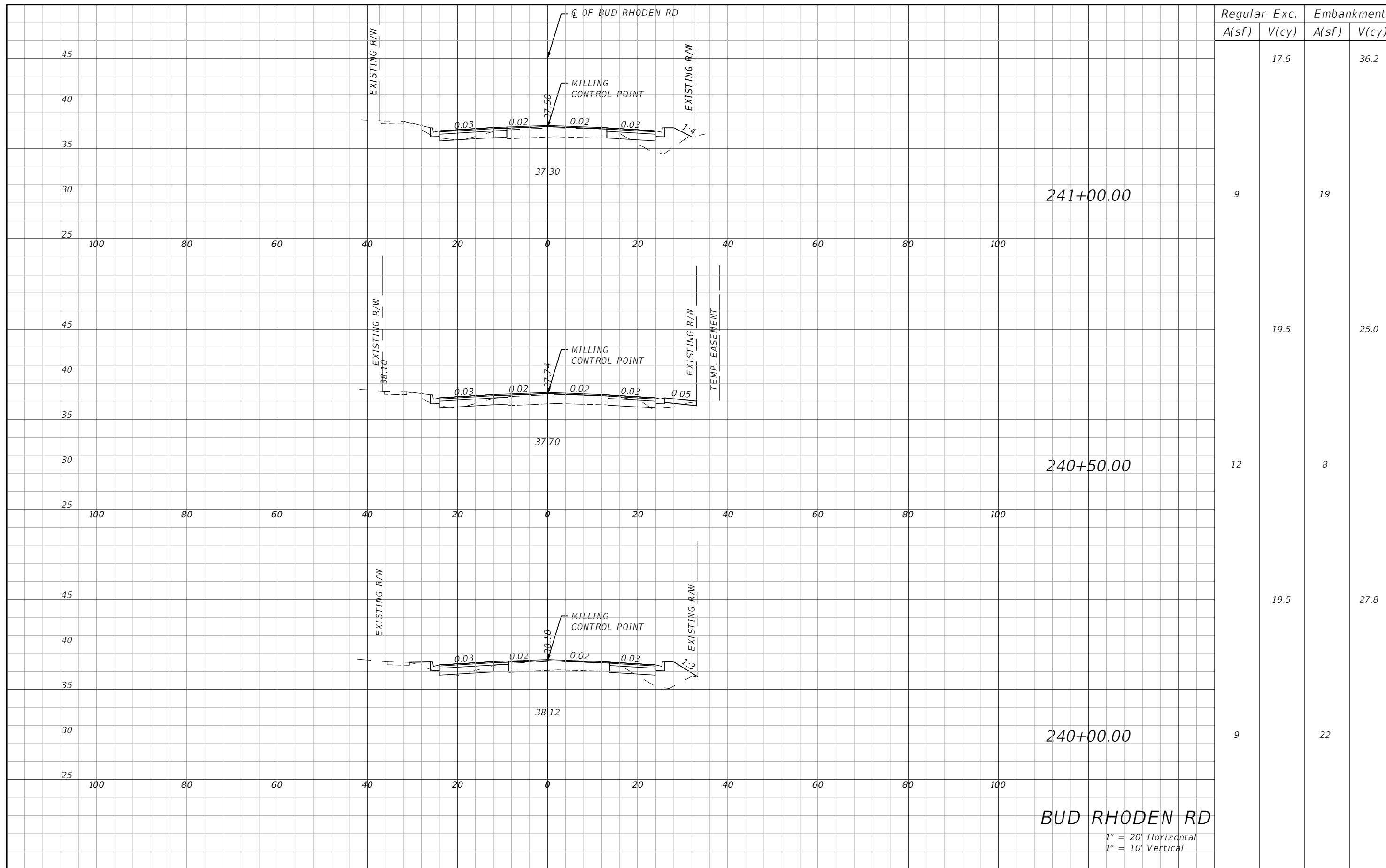
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (96)

SHEET NO.
 194

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)	A(sf)	V(cy)

			17.6		36.2
--	--	--	------	--	------

9		19			
---	--	----	--	--	--

	19.5		25.0		
--	------	--	------	--	--

12		8			
----	--	---	--	--	--

	19.5		27.8		
--	------	--	------	--	--

9		22			
---	--	----	--	--	--

BUD RHODEN RD
 1" = 20' Horizontal
 1" = 10' Vertical

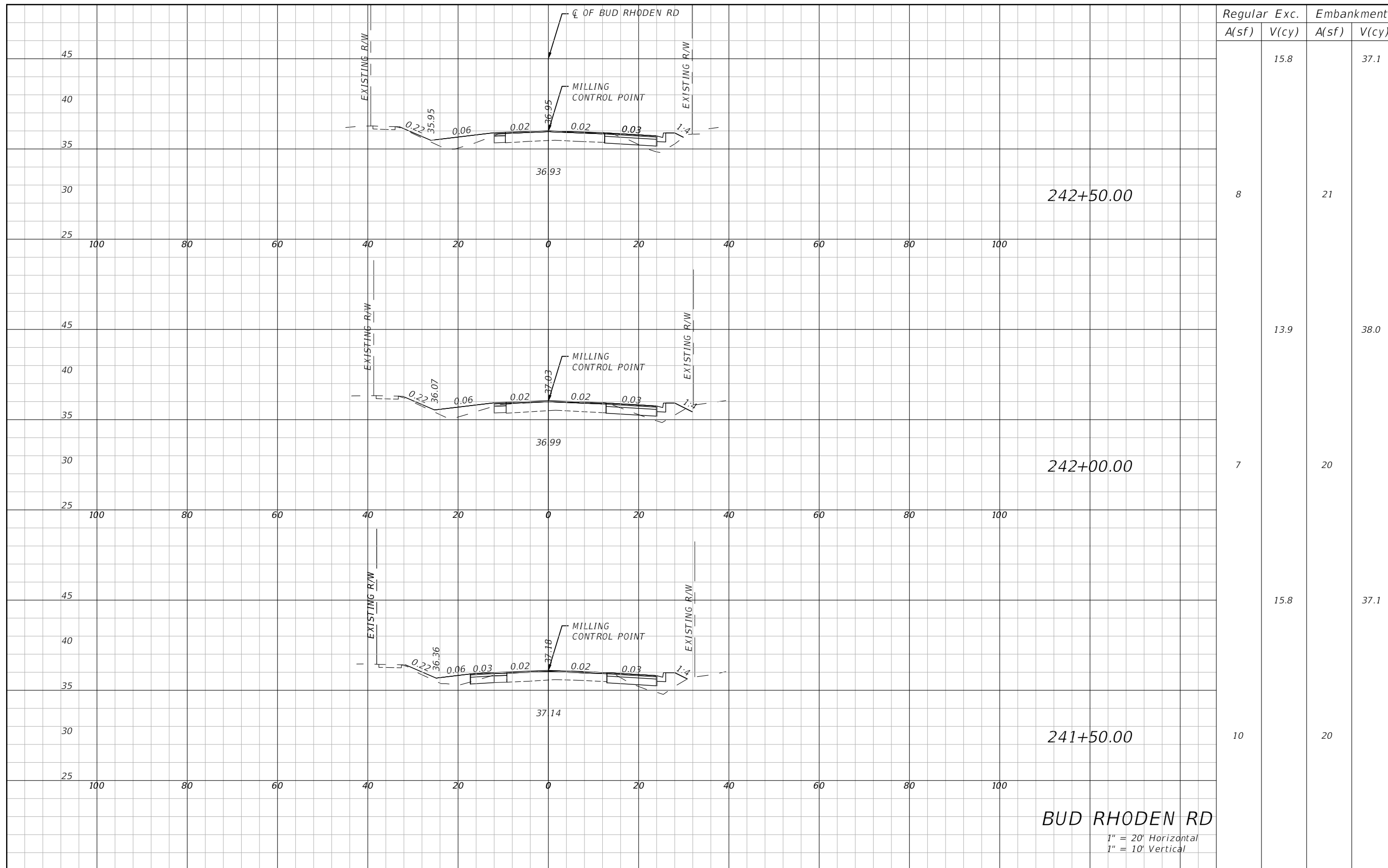
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (97)
 SHEET NO.
 195

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)	A(sf)	V(cy)

	15.8			37.1	
--	------	--	--	------	--

8		21			
---	--	----	--	--	--

	13.9			38.0	
--	------	--	--	------	--

7		20			
---	--	----	--	--	--

	15.8			37.1	
--	------	--	--	------	--

10		20			
----	--	----	--	--	--

BUD RHODEN RD

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

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

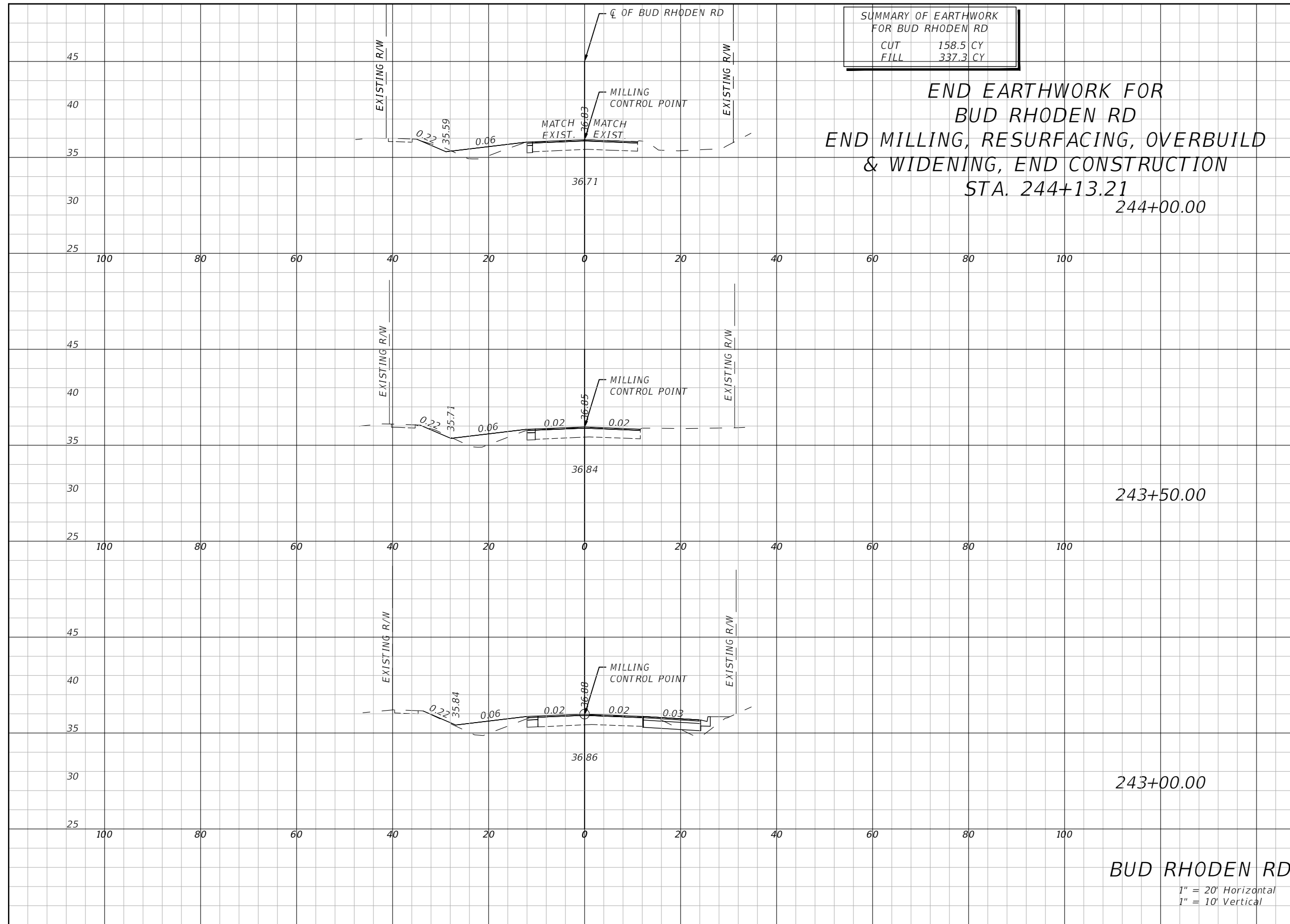
CROSS SECTION (98)

SHEET NO.
196

SUMMARY OF EARTHWORK FOR BUD RHODEN RD	
CUT	158.5 CY
FILL	337.3 CY

**END EARTHWORK FOR
 BUD RHODEN RD
 END MILLING, RESURFACING, OVERBUILD
 & WIDENING, END CONSTRUCTION
 STA. 244+13.21
 244+00.00**

Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)
3				11	
	5.6				21.3
3				12	
	11.2				28.8
9				19	



BUD RHODEN RD
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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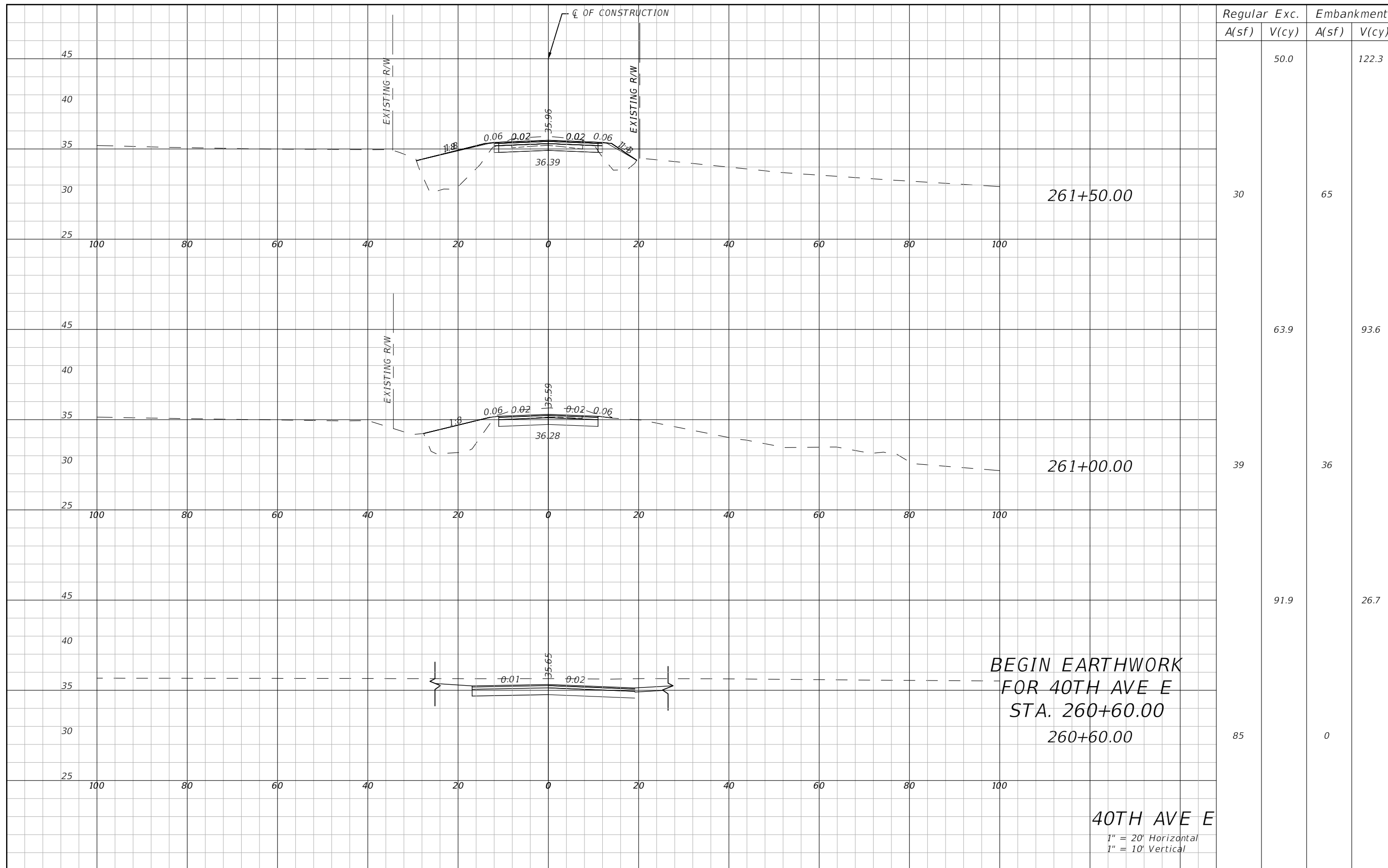
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (99)

SHEET NO.
197

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)	A(sf)	V(cy)
30	50.0	65	122.3		
39	63.9	36	93.6		
85	91.9	0	26.7		

BEGIN EARTHWORK
FOR 40TH AVE E
STA. 260+60.00
260+60.00

40TH AVE E
1" = 20' Horizontal
1" = 10' Vertical

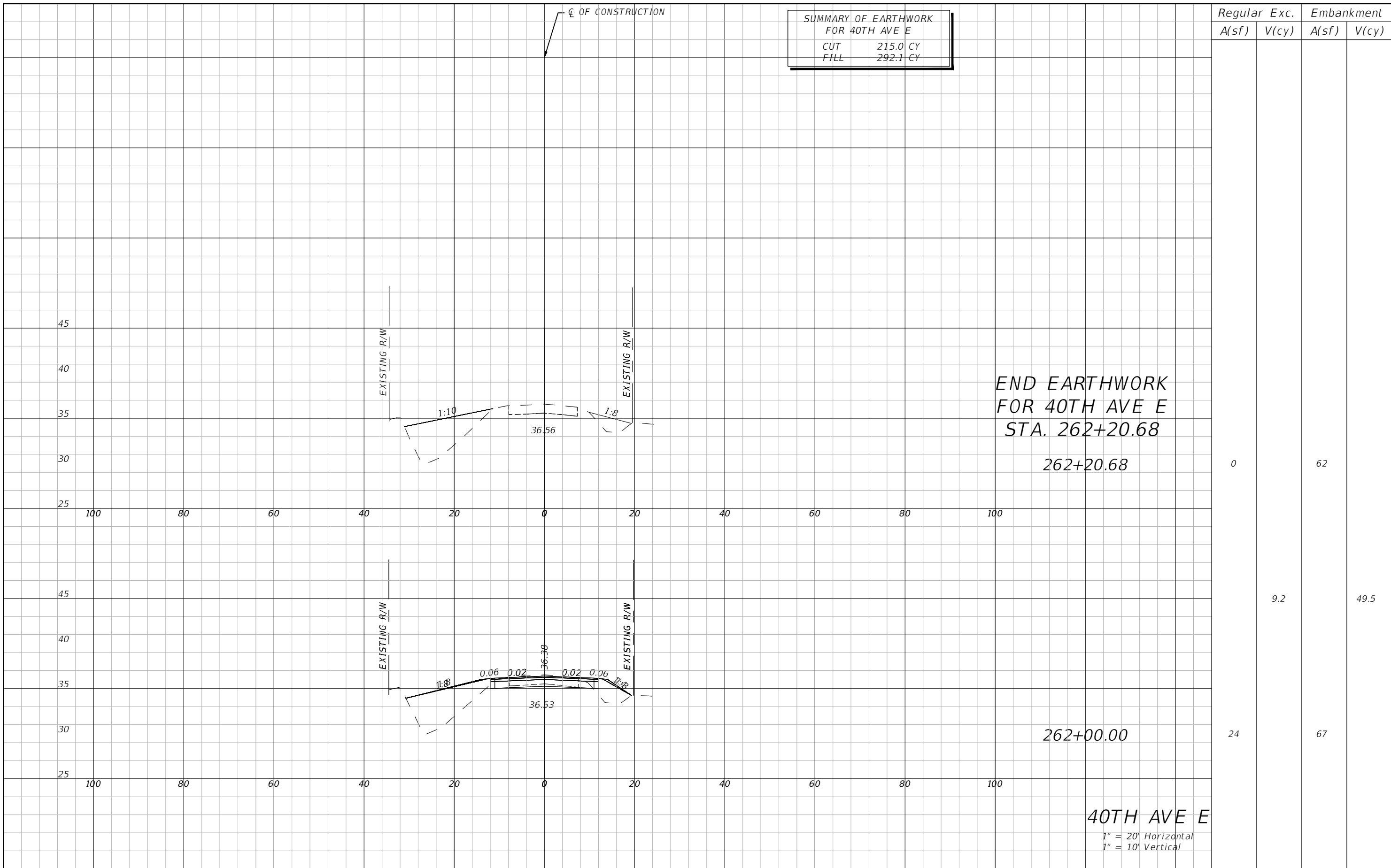
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

SHEET NO.
CROSS SECTION (100)
198

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



SUMMARY OF EARTHWORK
FOR 40TH AVE E
CUT 215.0 CY
FILL 292.1 CY

END EARTHWORK
FOR 40TH AVE E
STA. 262+20.68
262+20.68

262+00.00

40TH AVE E
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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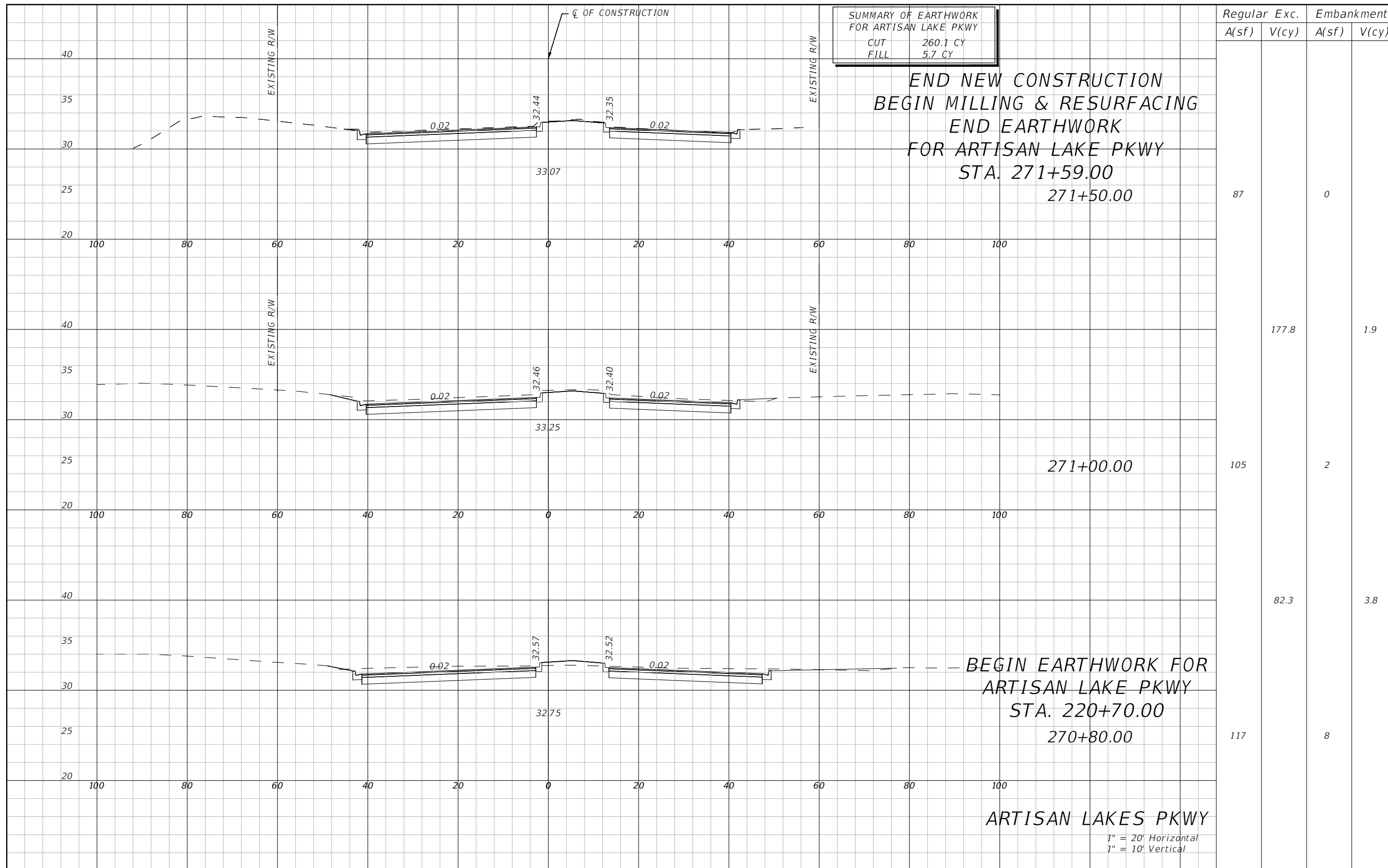
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (101)

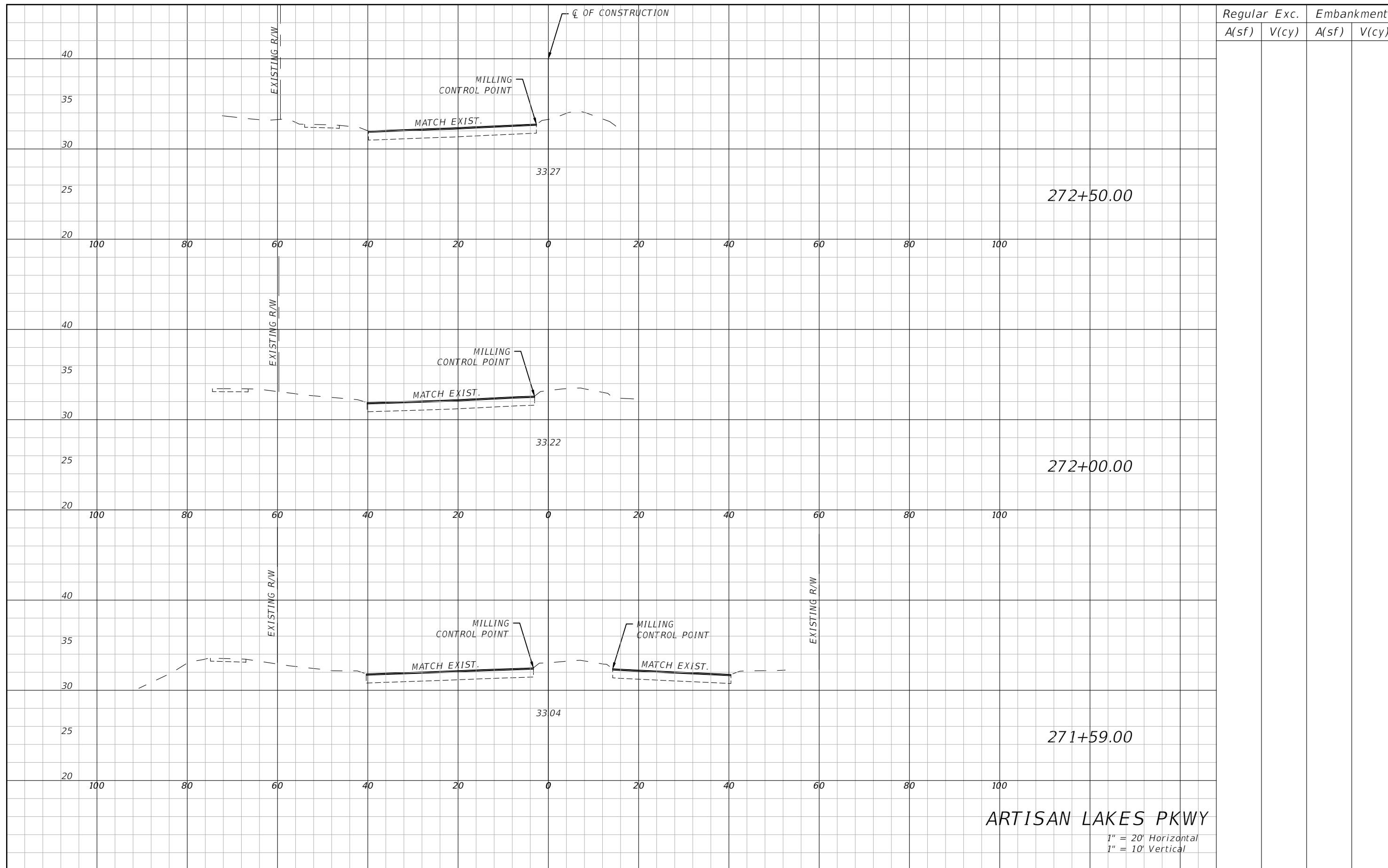
SHEET NO.
199

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				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		CROSS SECTION (102)	SHEET NO. 200
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	FINANCIAL PROJECT ID		
---	---			MOCCASIN WALLOW RD	6092560			



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

272+50.00

272+00.00

271+59.00

ARTISAN LAKES PKWY

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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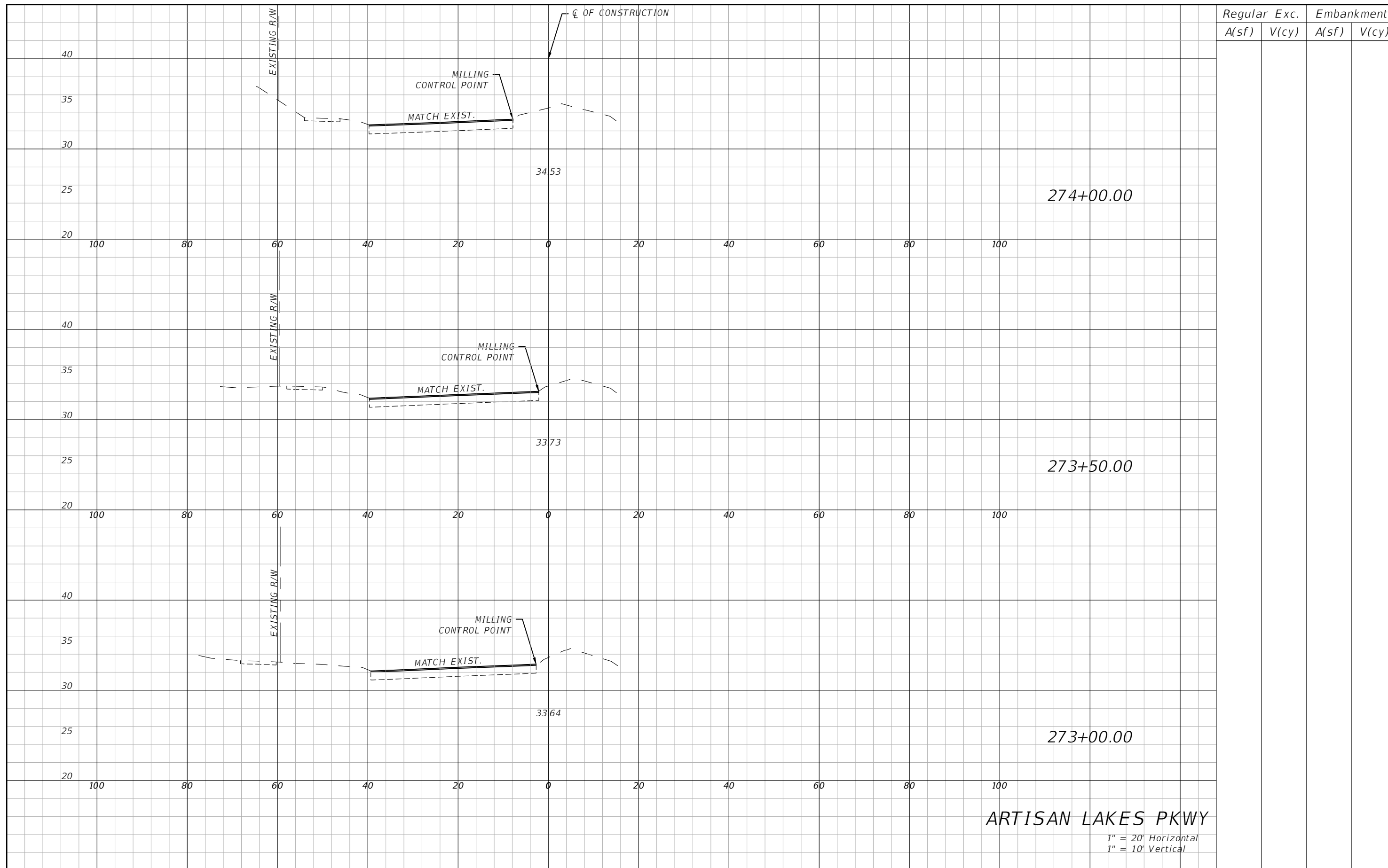
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (103)

SHEET NO.
201

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

274+00.00

273+50.00

273+00.00

ARTISAN LAKES PKWY

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (104)

SHEET NO.
202

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Regular A(sf)	Exc. V(cy)	Embankment A(sf)	V(cy)
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END MILLING AND
RESURFACING
STA. 274+30.00

ARTISAN LAKES PKWY

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

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
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CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY

ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

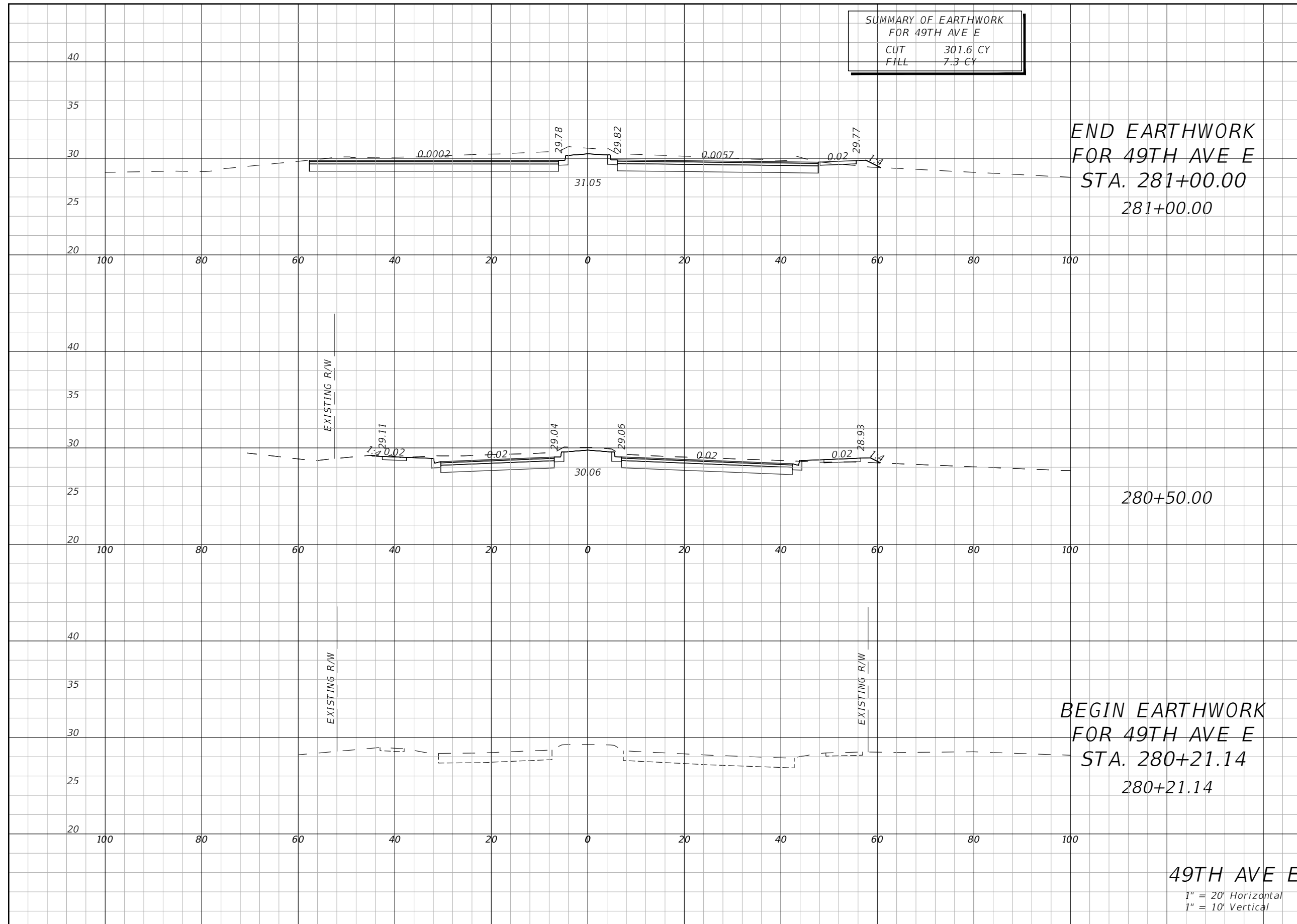
CROSS SECTION (105)

SHEET NO.
203

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

SUMMARY OF EARTHWORK
FOR 49TH AVE E
CUT 301.6 CY
FILL 7.3 CY

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



END EARTHWORK
FOR 49TH AVE E
STA. 281+00.00
281+00.00

280+50.00

BEGIN EARTHWORK
FOR 49TH AVE E
STA. 280+21.14
280+21.14

49TH AVE E
1" = 20' Horizontal
1" = 10' Vertical

160		3	
	245.4		5.6
105		3	
	56.2		1.7
0		0	

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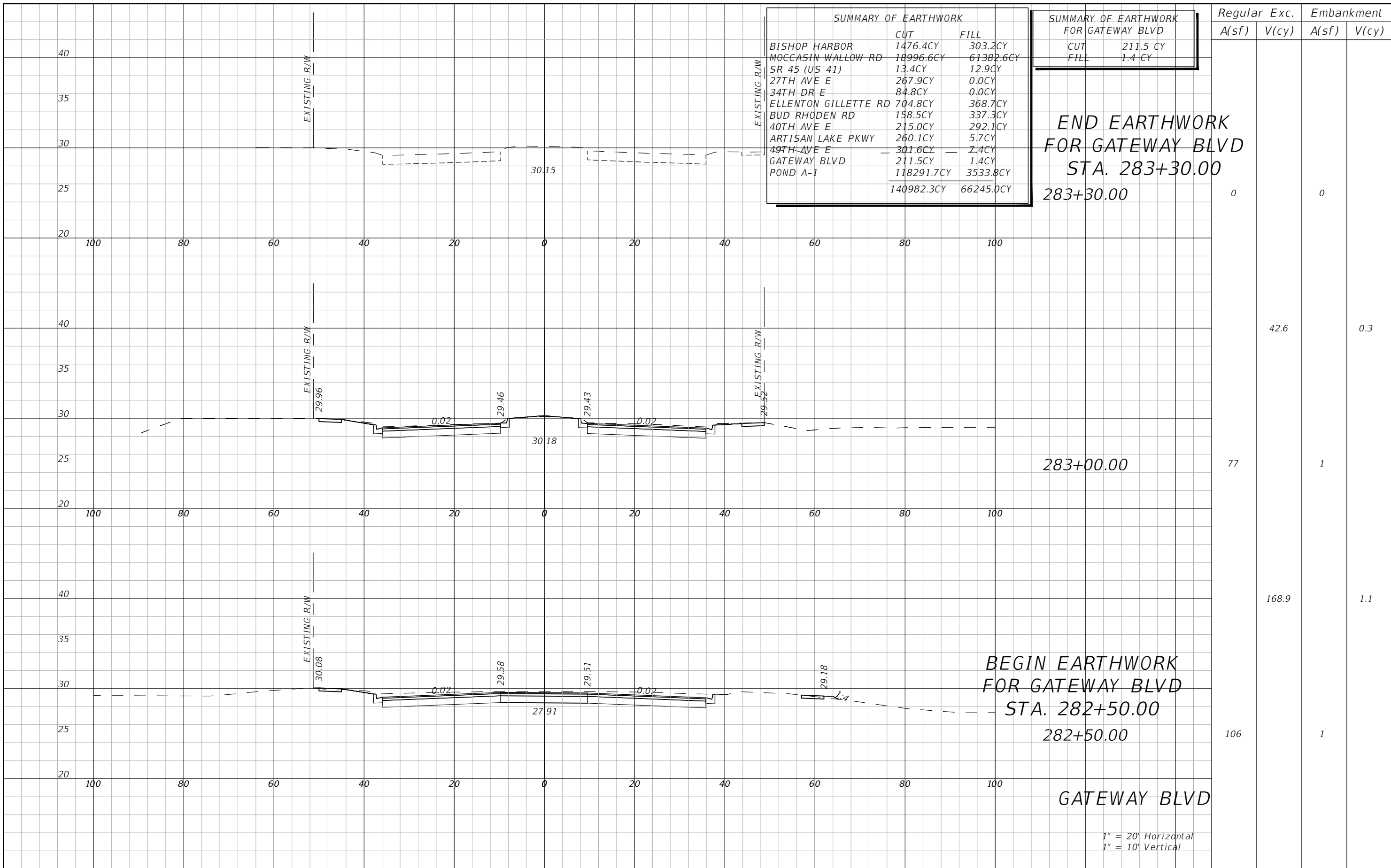
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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P.E. LICENSE NUMBER 51581
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MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (106)

SHEET NO.
204



SUMMARY OF EARTHWORK		
	CUT	FILL
BISHOP HARBOR	1476.4CY	303.2CY
MOCCASIN WALLOW RD	18996.6CY	61382.6CY
SR 45 (US 41)	13.4CY	12.9CY
27TH AVE E	267.9CY	0.0CY
34TH DR E	84.8CY	0.0CY
ELLENTON GILLETTE RD	704.8CY	368.7CY
BUD RHODEN RD	158.5CY	337.3CY
40TH AVE E	215.0CY	292.1CY
ARTISAN LAKE PKWY	260.1CY	5.7CY
49TH AVE E	301.6CY	7.4CY
GATEWAY BLVD	211.5CY	1.4CY
POND A-1	118291.7CY	3533.8CY
	140982.3CY	66245.0CY

SUMMARY OF EARTHWORK FOR GATEWAY BLVD	
CUT	211.5 CY
FILL	1.4 CY

Regular	Exc.	Embankment	
		A(sf)	V(cy)
0		0	
77	42.6	1	0.3
106	168.9	1	1.1

END EARTHWORK
FOR GATEWAY BLVD
STA. 283+30.00
283+30.00

283+00.00

BEGIN EARTHWORK
FOR GATEWAY BLVD
STA. 282+50.00
282+50.00

GATEWAY BLVD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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MANATEE COUNTY	
ROAD NO.	FINANCIAL PROJECT ID
MOCCASIN WALLOW RD	6092560

CROSS SECTION (107)

SHEET NO.
205

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

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 MOCCASIN WALLOW ROAD TO A MAJOR SUBURBAN ROADWAY. THIS INVOLVES CONSTRUCTING ROADWAY SURFACE, CURB AND GUTTER, SWALES, SIDEWALK, SHARED USE PATH, UNDERGROUND STORM DRAIN SYSTEMS, STORMWATER MANAGEMENT FACILITIES, AND WETLAND MITIGATION SITE. THE PROJECT EXTENDS FROM WEST OF US 41 TO WEST OF I-75 (GILLET ROAD), A DISTANCE OF APPROXIMATELY 2.0 MILES.

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.

1. CLEARING AND GRUBBING, EARTHWORK, AND STORM DRAIN CONSTRUCTION FOR THE OUTFALL FROM THE PONDS.
2. CLEARING AND GRUBBING, EARTHWORK FOR POND CONSTRUCTION.
3. STORM DRAIN AND CROSS DRAIN CONSTRUCTION. CONSTRUCT THE STORM DRAIN PIPE IN THE UPSTREAM DIRECTION.
4. 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: 36.3 ACRES
TOTAL AREA TO BE DISTURBED: 27.5 ACRES

1.B. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.65
DURING: VARIES FROM 0.62 TO 0.85
AFTER: 0.85

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 ARE 6 OUTFALLS.

#1 DESCRIPTION: EXISTING US 41 DITCH/CROSS DRAIN.

LOCATION: LATITUDE 27°E 36' 03"± N, LONGITUDE, 82°E 32' 21"± W.

EST. DRAINAGE AREA SIZE: 19.4 ACRES

RECEIVING WATER NAME: NOT APPLICABLE.

#2 DESCRIPTION: EXISTING DITCH PARALEL TO 40TH STREET EAST CROSSING THE ROADWAY AT STATION 352+75.

LOCATION: LATITUDE 27°E 36' 04"± N, LONGITUDE, 82°E 31' 24"± W.

EST. DRAINAGE AREA SIZE: 9.2 ACRES

RECEIVING WATER NAME: NOT APPLICABLE.

#3 DESCRIPTION: EXISTING DITCH AT STA. 378+90.

LOCATION: LATITUDE 27°E 36' 04"± N, LONGITUDE, 82°E 30' 54"± W.

EST. DRAINAGE AREA SIZE: 8.1 ACRES

RECEIVING WATER NAME: NOT APPLICABLE.

#4 DESCRIPTION: EXISTING DITCH AT STA. 392+80.

LOCATION: LATITUDE 27°E 36' 03"± N, LONGITUDE, 82°E 30' 39"± W.

EST. DRAINAGE AREA SIZE: DISCHARGE FROM PROPOSED LINEAR POND.

RECEIVING WATER NAME: NOT APPLICABLE.

#5 DESCRIPTION: EXISTING ROADSIDE DITCH.

LOCATION: LATITUDE 27°E 36' 05"± N, LONGITUDE, 82°E 30' 29"± W.

EST. DRAINAGE AREA SIZE: DISCHARGE FROM PROPOSED LINEAR POND.

RECEIVING WATER NAME: NOT APPLICABLE.

#6 DESCRIPTION: EXISTING ROADSIDE DITCH.

LOCATION: LATITUDE 27°E 36' 03"± N, LONGITUDE, 82°E 30' 29"± W.

EST. DRAINAGE AREA SIZE: DISCHARGE FROM PROPOSED LINEAR POND.

RECEIVING WATER NAME: NOT APPLICABLE.

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 THE EAST DITCH, WHICH FLOWS THROUGH THE CULVERTS AT STATION 352+75, 378+90 AND 392+80. THIS IS LOCATED ON THE PLAN SHEETS.

* 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.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
----	----				MOCCASIN WALLOW RD	6092560		

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 293+00 TO 402+43 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 293+00 TO 402+43 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.

PHASE III OF TEMPORARY TRAFFIC CONTROL PLANS:

ROADWAY, STATION 293+00 TO 402+43:

- MAINTAIN ONE LANE IN EACH DIRECTION IN NEW OUTSIDE LANES CONSTRUCTED IN PHASE I AND II.
- CONSTRUCT MEDIAN.

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 PATHERN. 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.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
----	----				MOCCASIN WALLOW RD	6092560		

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 TARPULINS.
- * 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.

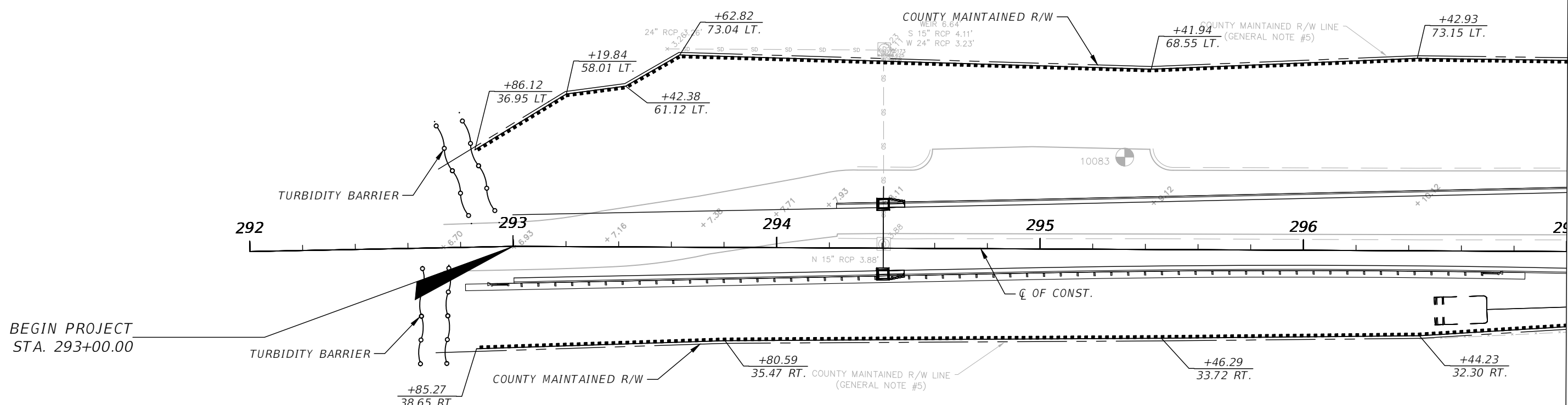
5.0 NON-STORMWATER DISCHARGES:

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.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		208
----	----				MOCCASIN WALLOW RD	6092560		



BISHOP HARBOR ROAD



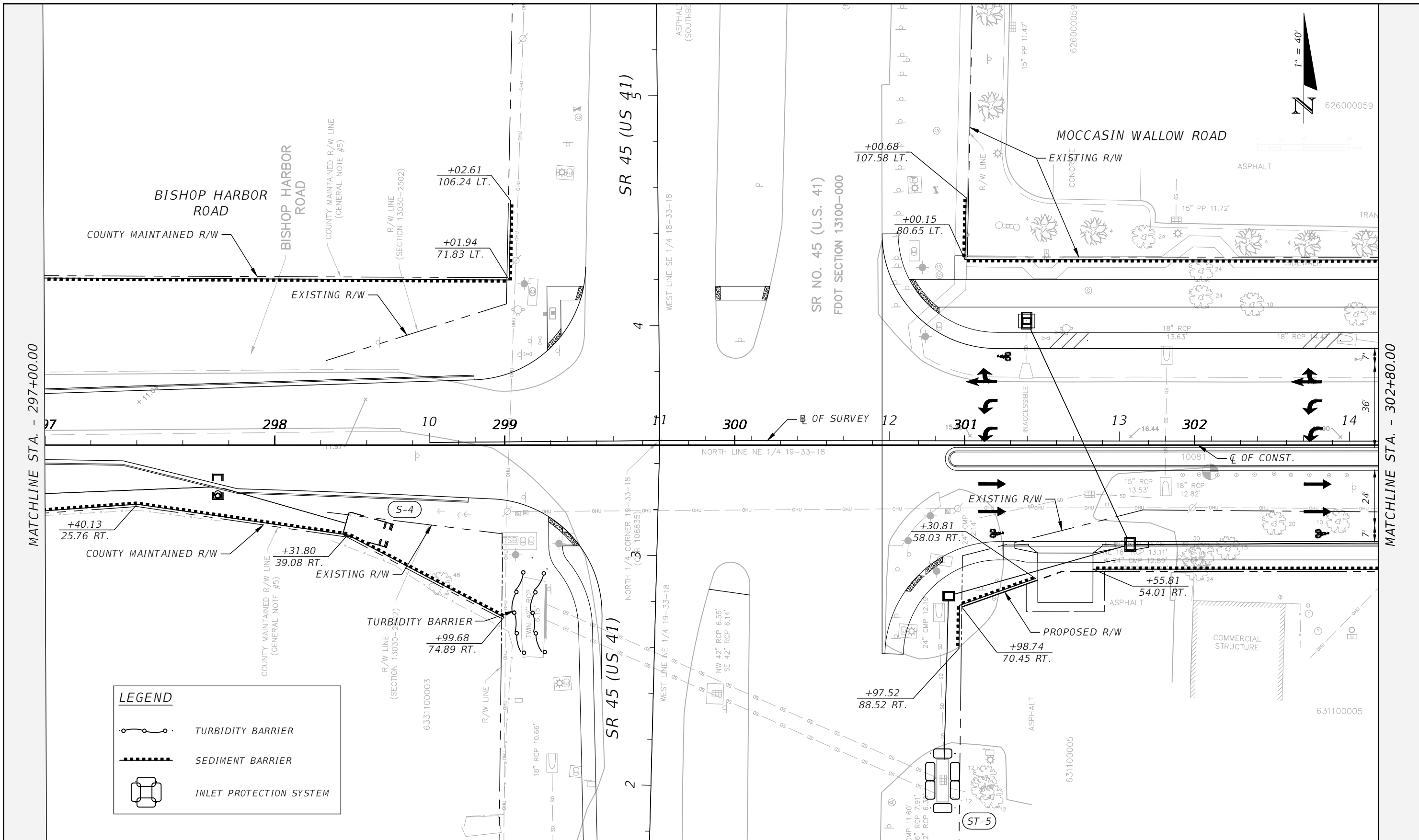
MATCHLINE STA. - 297+00.00

BEGIN PROJECT
STA. 293+00.00

LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
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LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

MATCHLINE - STA 1+75.00 - SEE PLAN (21)

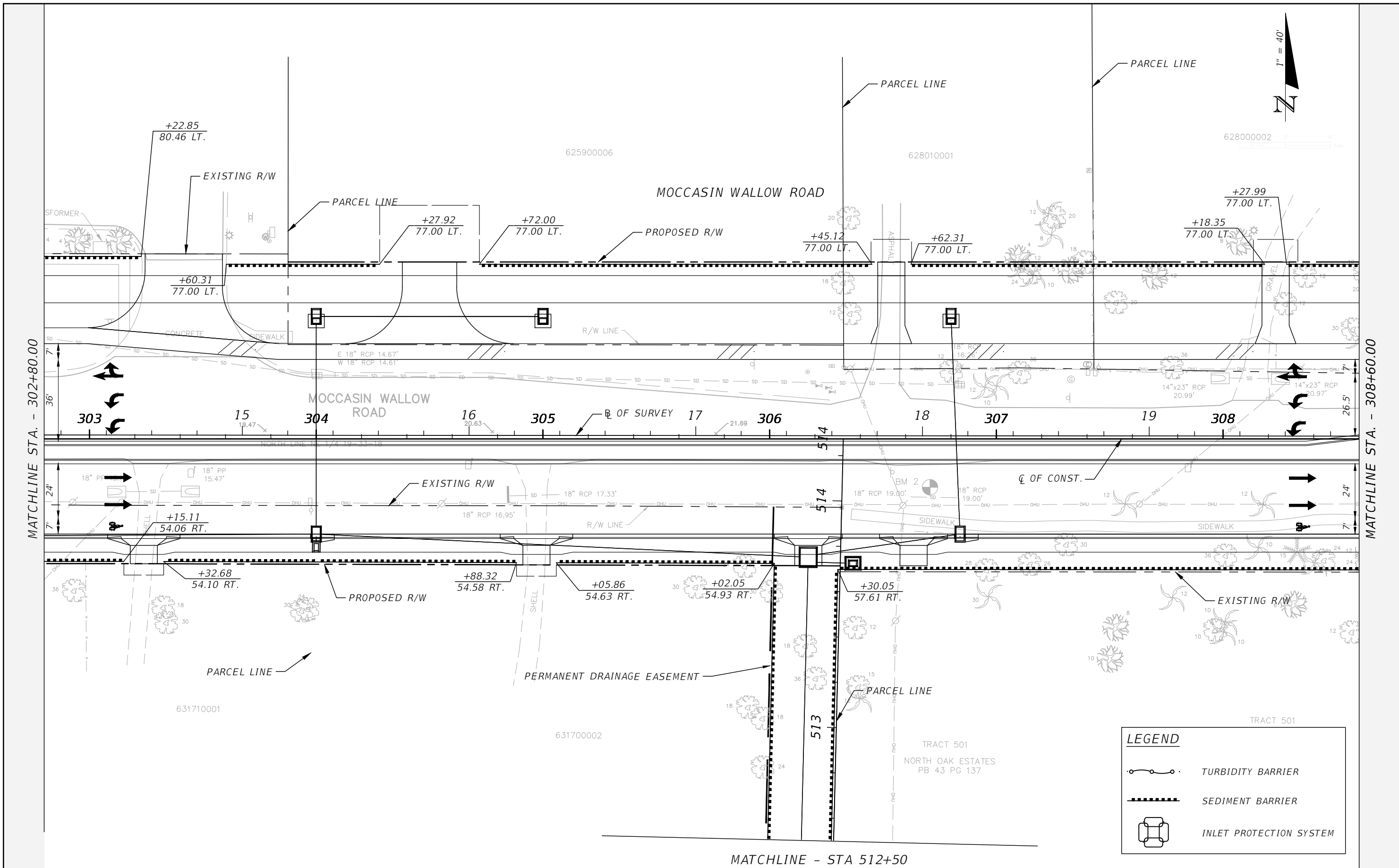
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (2)	
SHEET NO.	
210	

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MATCHLINE STA. - 302+80.00

MATCHLINE STA. - 308+60.00

LEGEND

- TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (3)

SHEET NO.
211

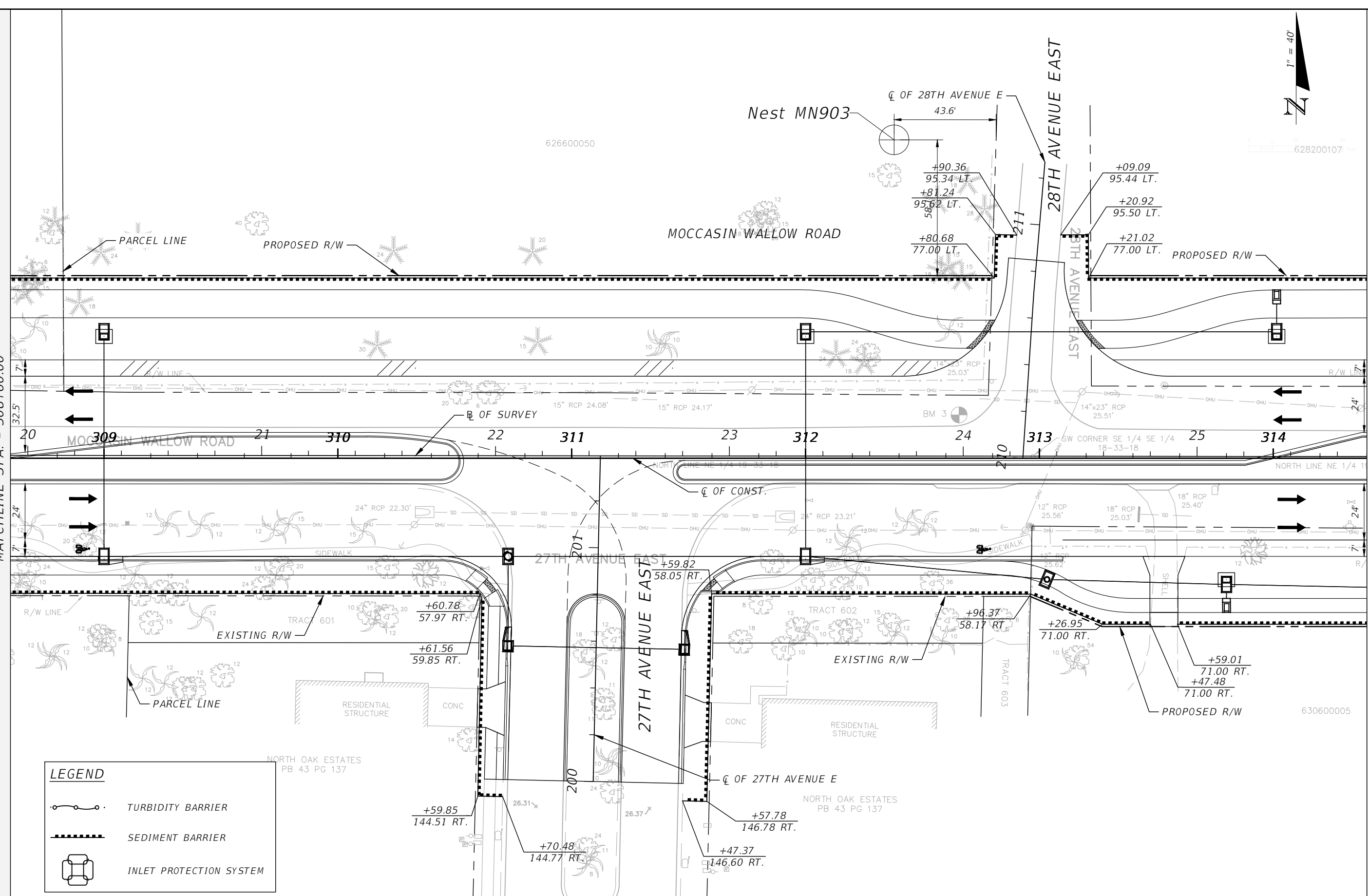
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



628200107

MATCHLINE STA. - 308+60.00

MATCHLINE STA. - 314+40.00



LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

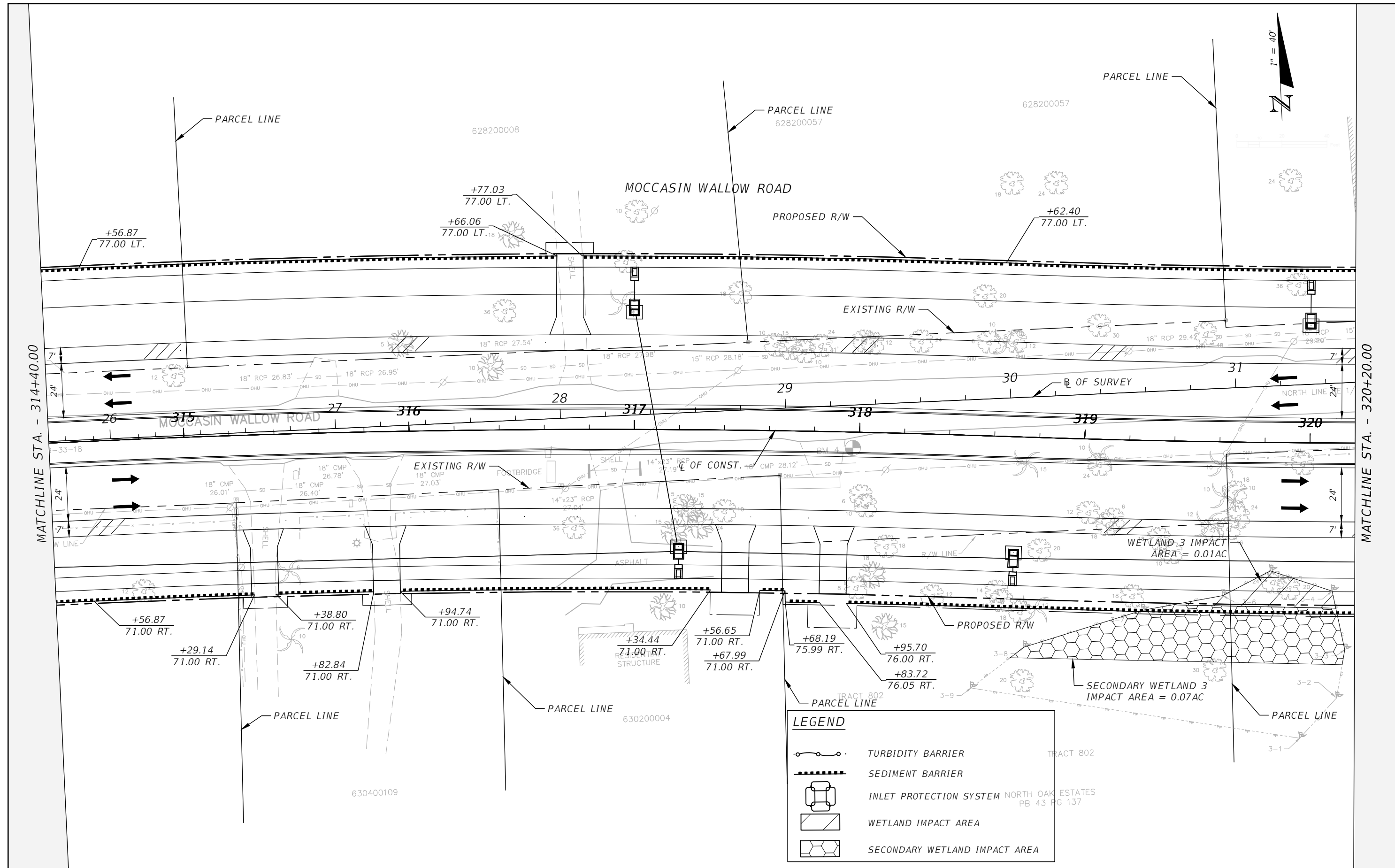
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (4)

SHEET NO.
212

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



LEGEND

- TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM
- WETLAND IMPACT AREA
- SECONDARY WETLAND IMPACT AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

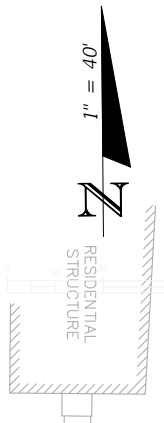
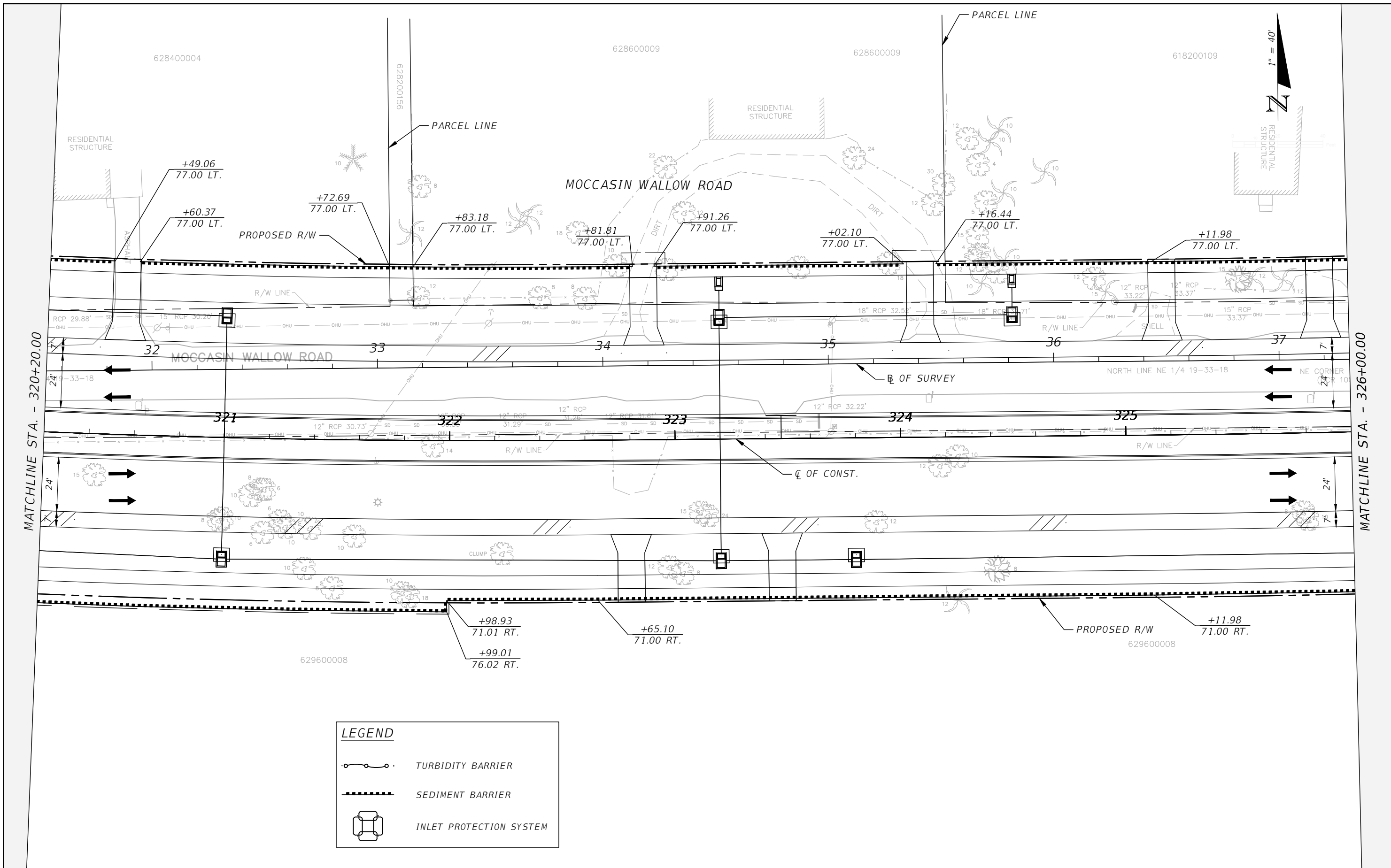
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (5)

SHEET NO.
213

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LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (6)

SHEET NO.
214

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

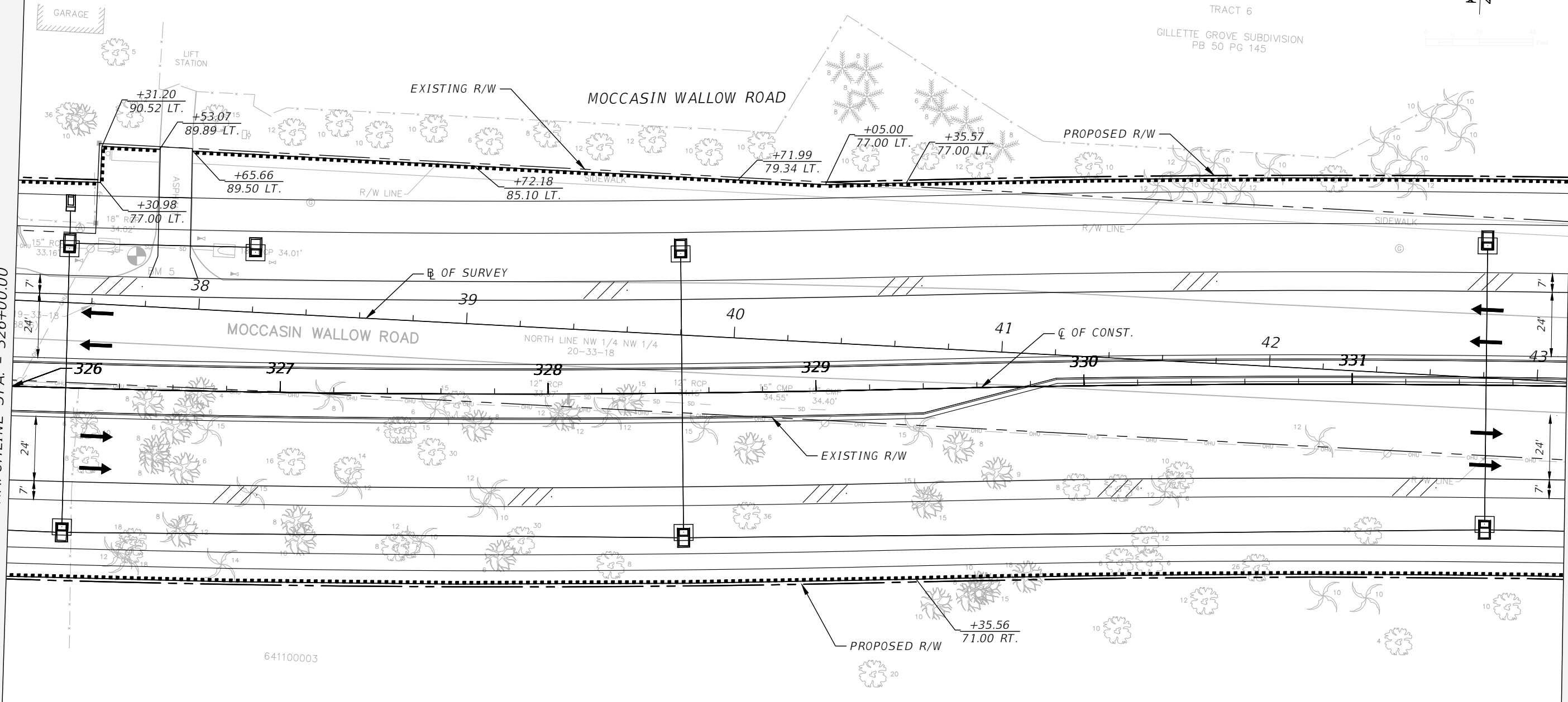


TRACT 6
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

TRACT 6
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

MATCHLINE STA. - 326+00.00

MATCHLINE STA. - 331+80.00



LEGEND

- TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

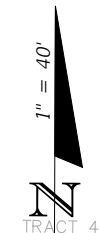
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

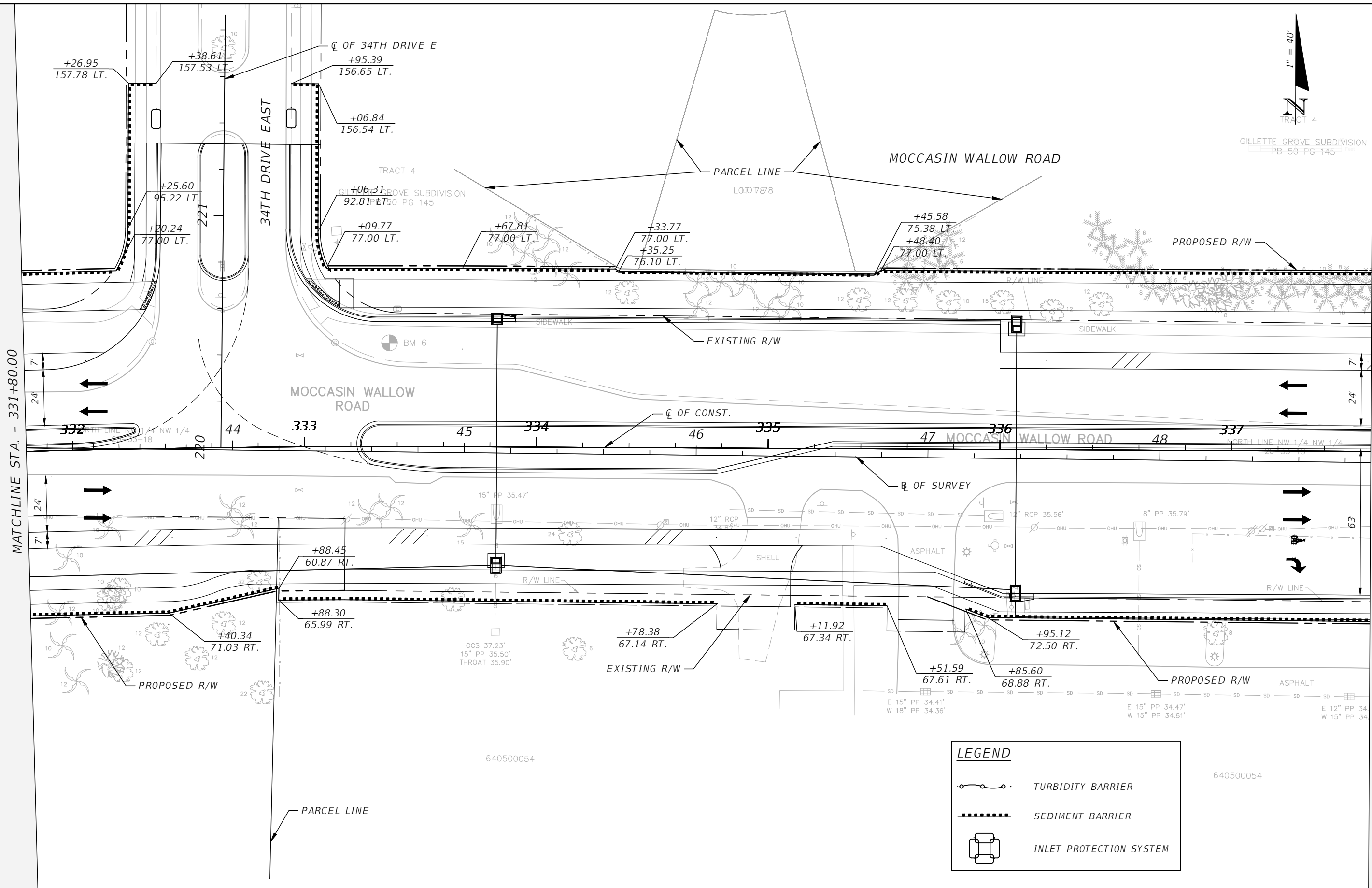
EROSION CONTROL PLAN (7)

SHEET NO.
215

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



GILLETTE GROVE SUBDIVISION
PB 50-PG 145



LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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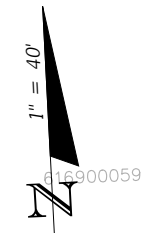
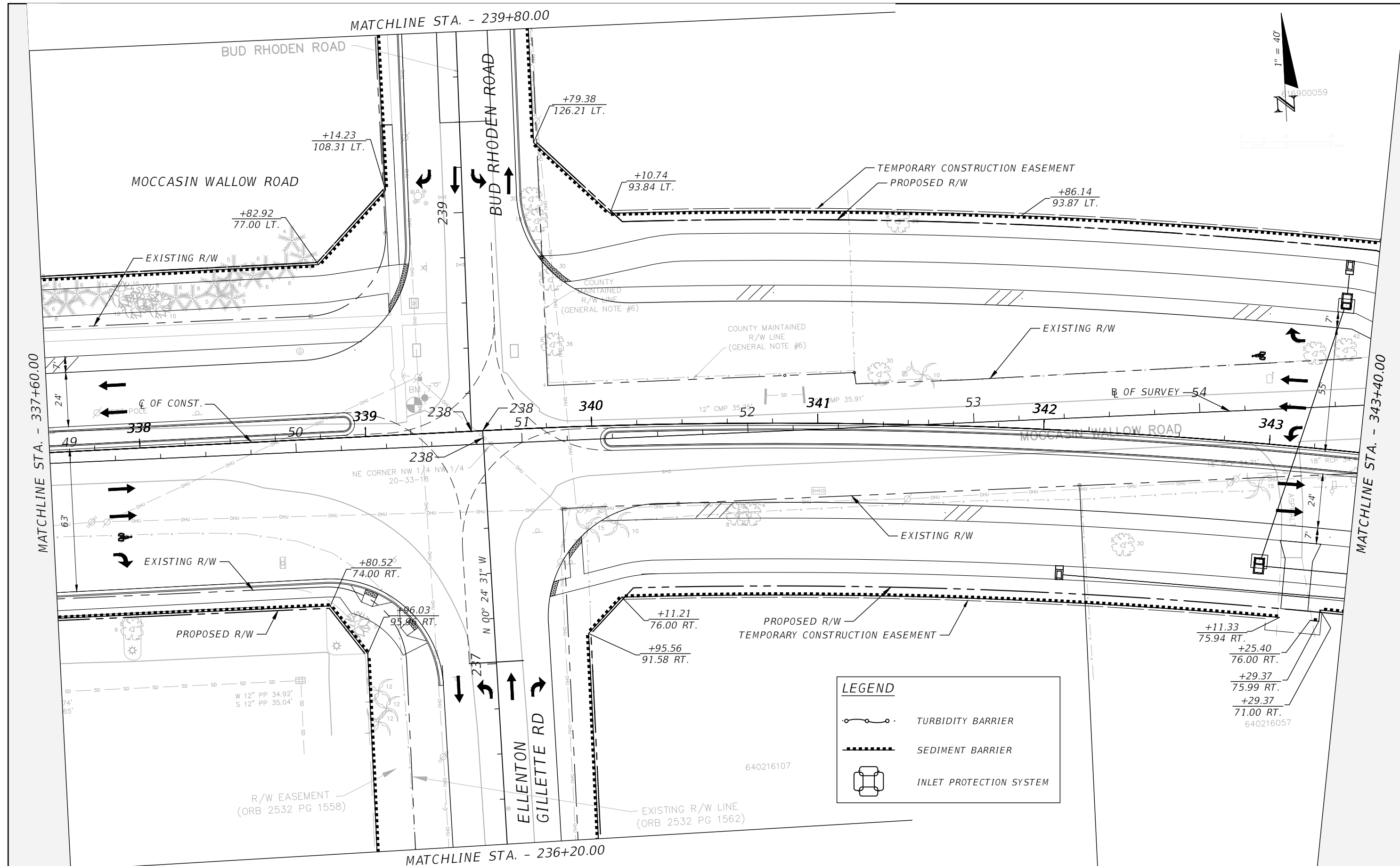
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (8)

SHEET NO.
216

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



LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

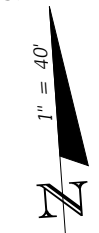
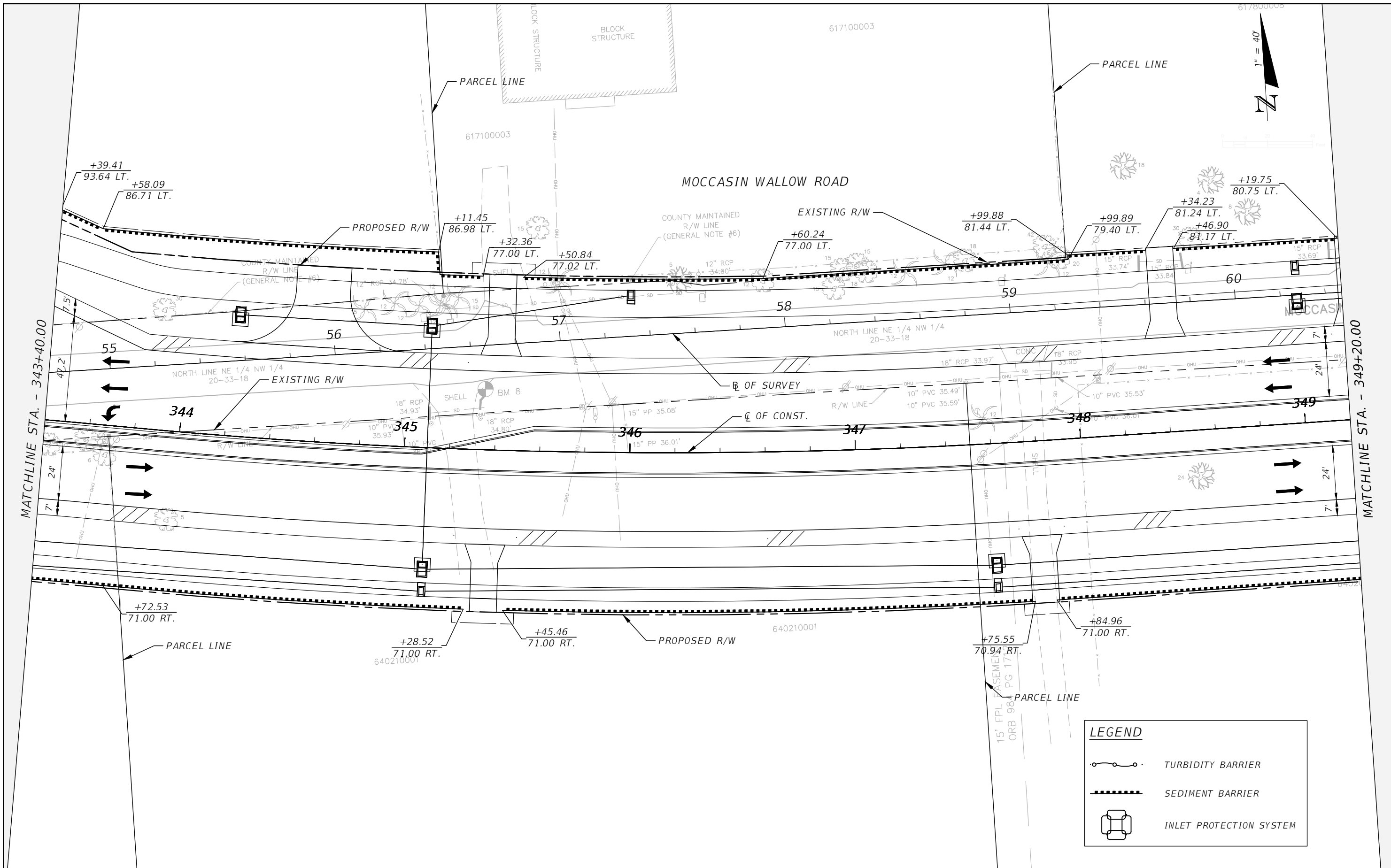
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (9)

SHEET NO.
217

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LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

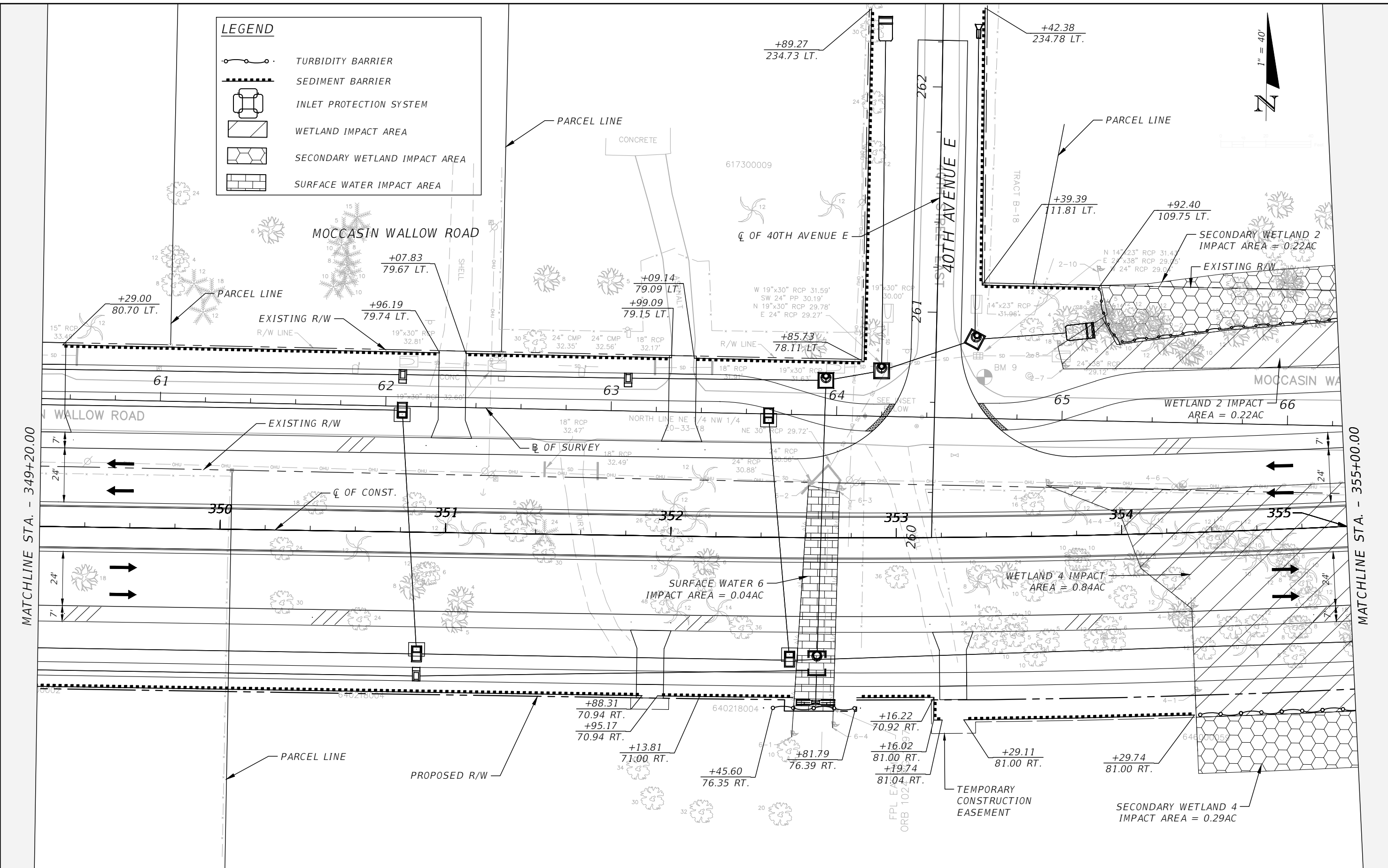
EROSION CONTROL PLAN (10)

SHEET NO.
218

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LEGEND

	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM
	WETLAND IMPACT AREA
	SECONDARY WETLAND IMPACT AREA
	SURFACE WATER IMPACT AREA



MATCHLINE STA. - 349+20.00

MATCHLINE STA. - 355+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

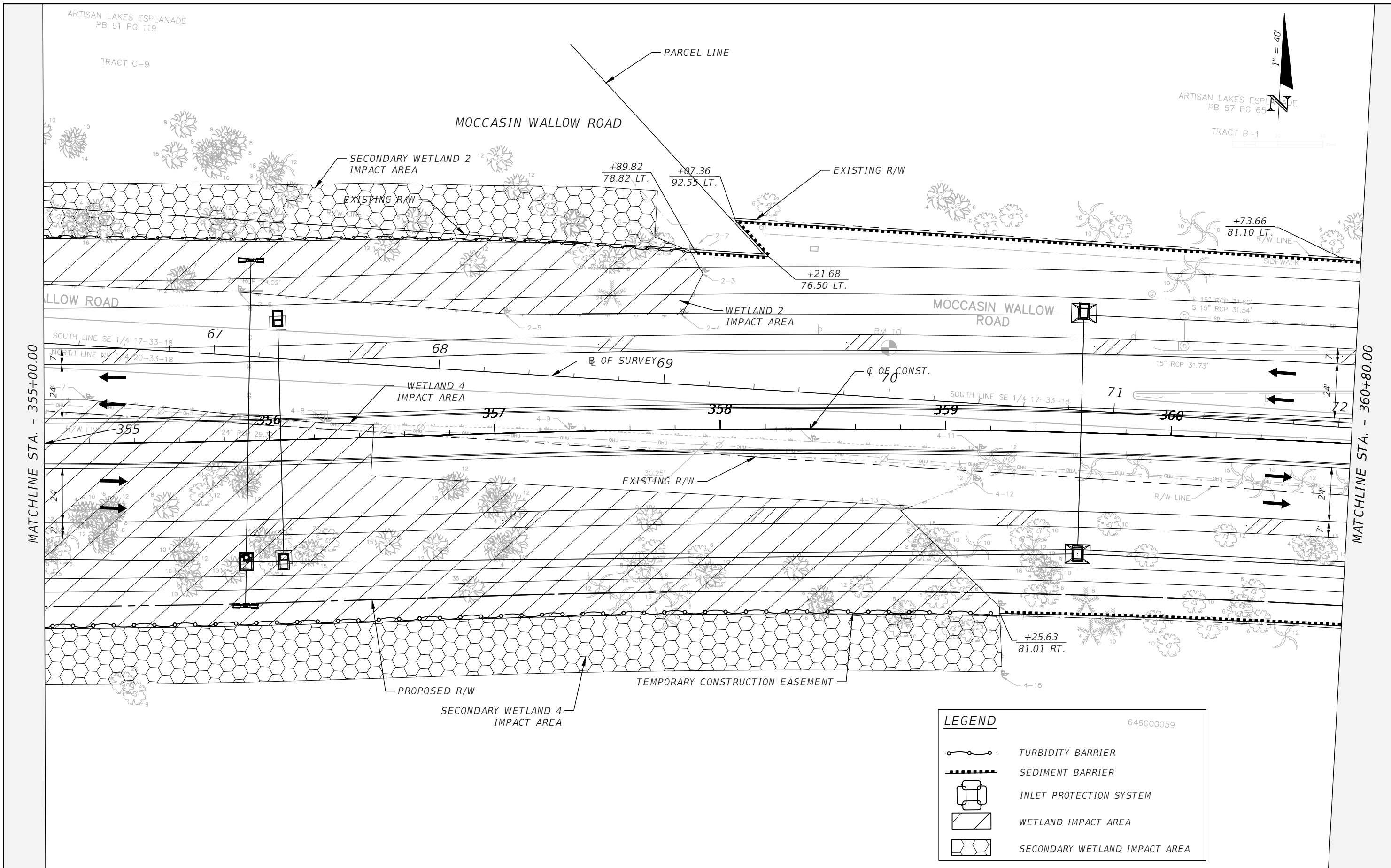
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (11)

SHEET NO.
219

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MATCHLINE STA. - 355+00.00

MATCHLINE STA. - 360+80.00

LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM
	WETLAND IMPACT AREA
	SECONDARY WETLAND IMPACT AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

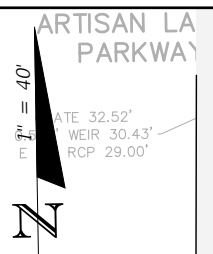
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (12)

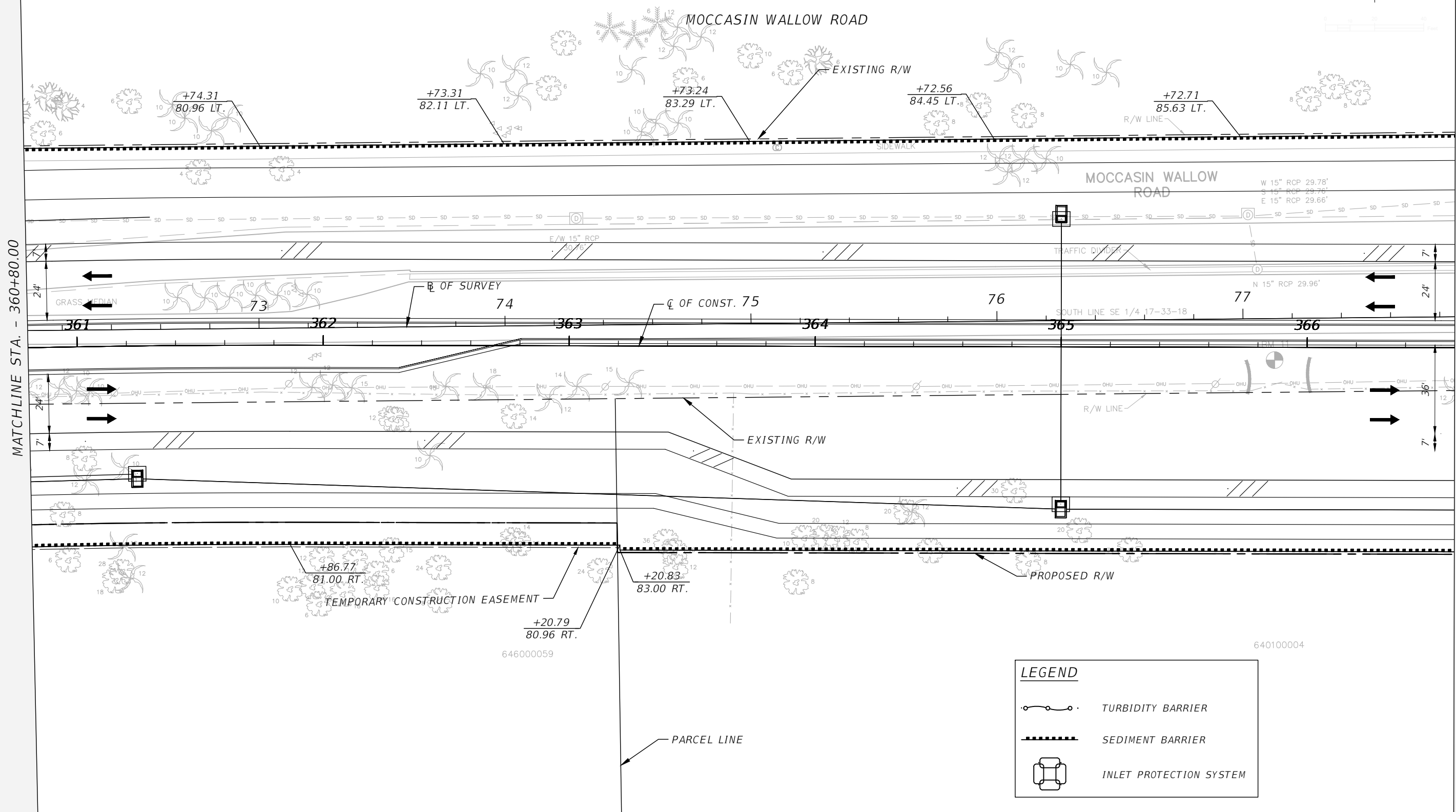
SHEET NO.
220

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ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-1

MOCCASIN WALLOW ROAD



MATCHLINE STA. - 360+80.00

MATCHLINE STA. - 366+60.00

LEGEND

- TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

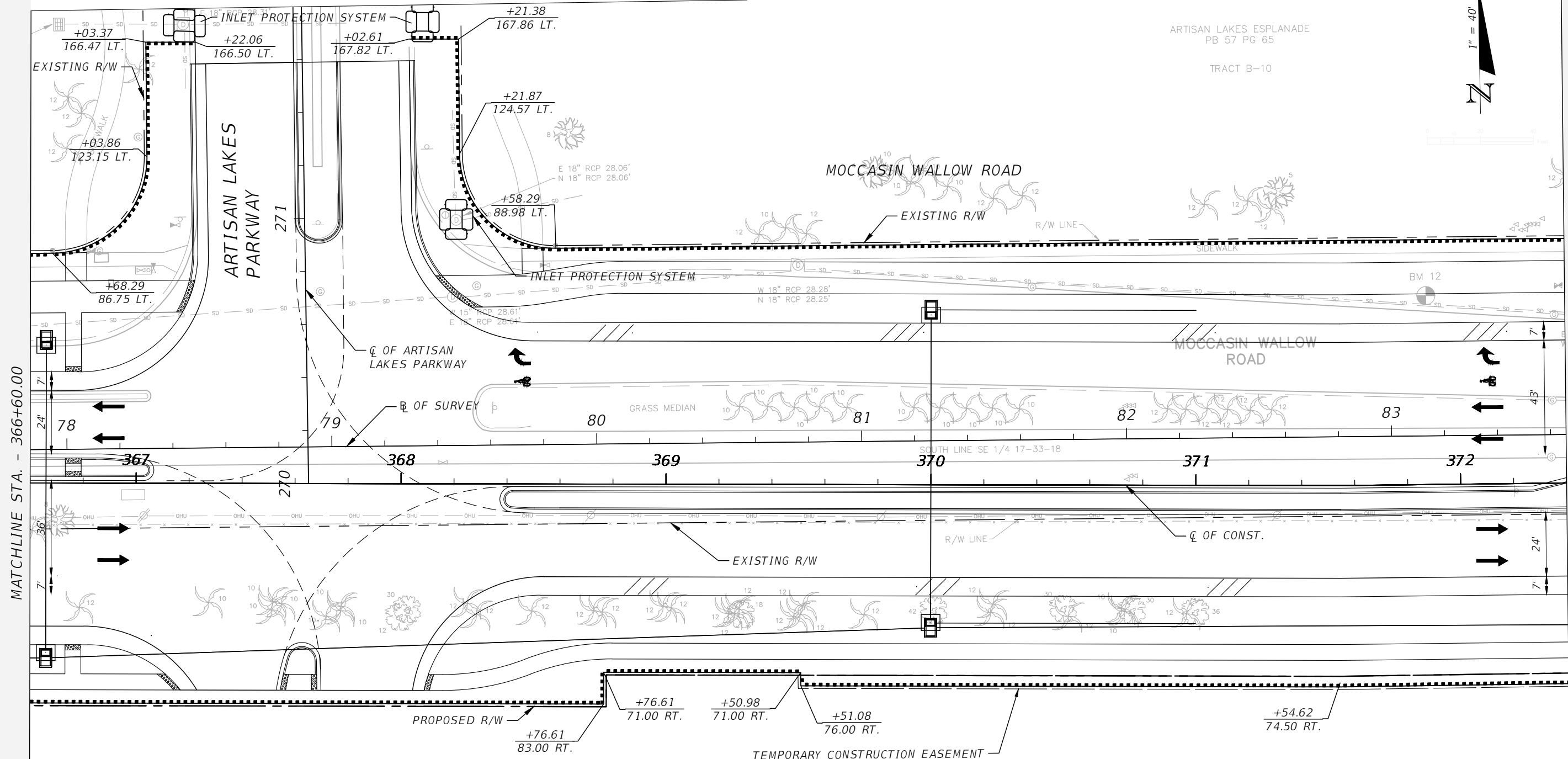
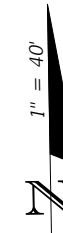
EROSION CONTROL PLAN (13)

SHEET NO.
221

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

MATCHLINE - STA 271+80.00

ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10



MATCHLINE STA. - 366+60.00

MATCHLINE STA. - 372+40.00

640100004

LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

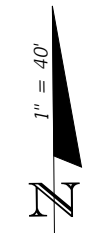
MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (14)

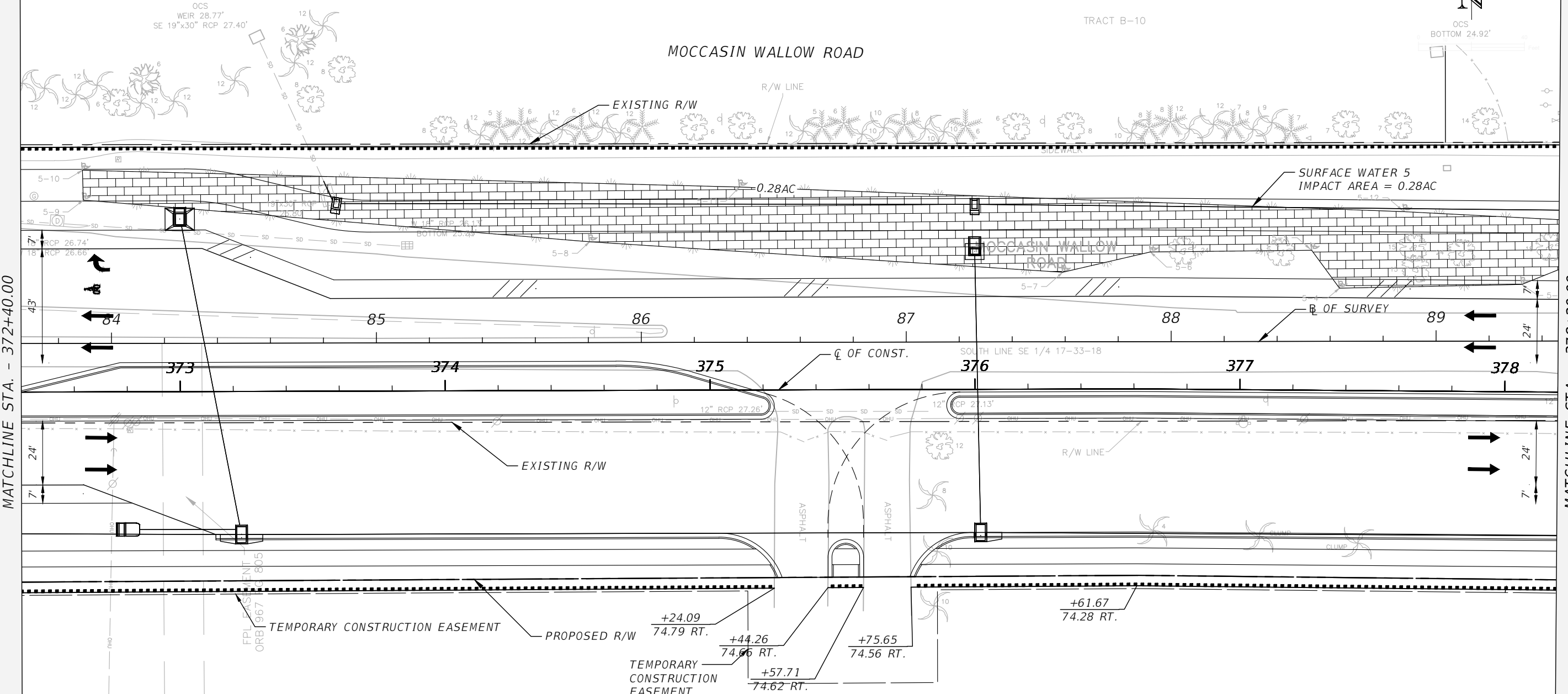
SHEET NO.
222

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

ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10







MOCCASIN WALLOW ROAD



MATCHLINE STA. - 372+40.00

MATCHLINE STA. - 378+20.00

LEGEND

-  TURBIDITY BARRIER
-  SEDIMENT BARRIER
-  INLET PROTECTION SYSTEM
-  SURFACE WATER IMPACT AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

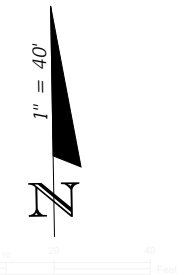
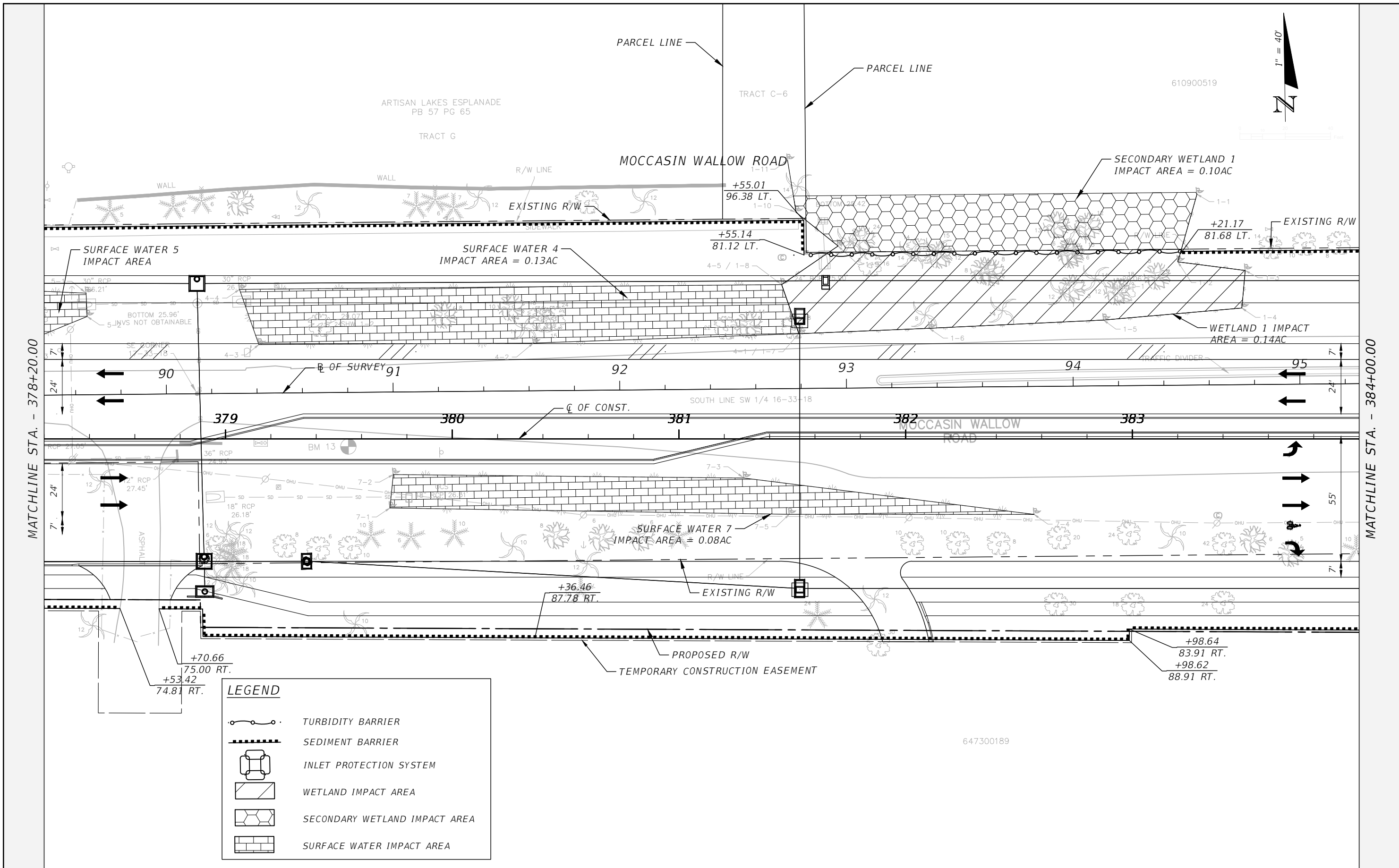
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (15)

SHEET NO.
223

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LEGEND

	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM
	WETLAND IMPACT AREA
	SECONDARY WETLAND IMPACT AREA
	SURFACE WATER IMPACT AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

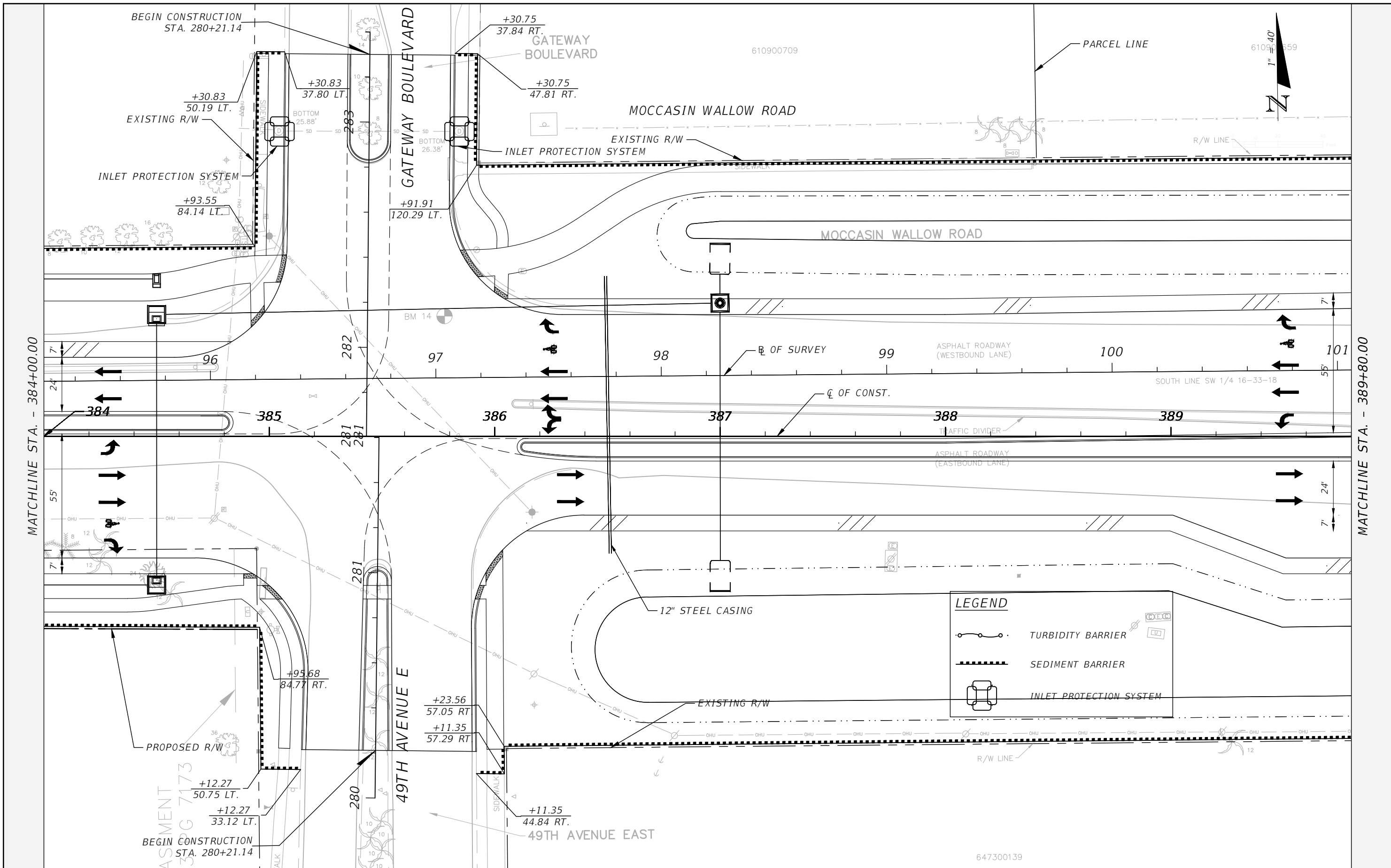
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (16)

SHEET NO.
224

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



MATCHLINE STA. - 384+00.00

MATCHLINE STA. - 389+80.00

LEGEND

- TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

EROSION CONTROL PLAN (17)

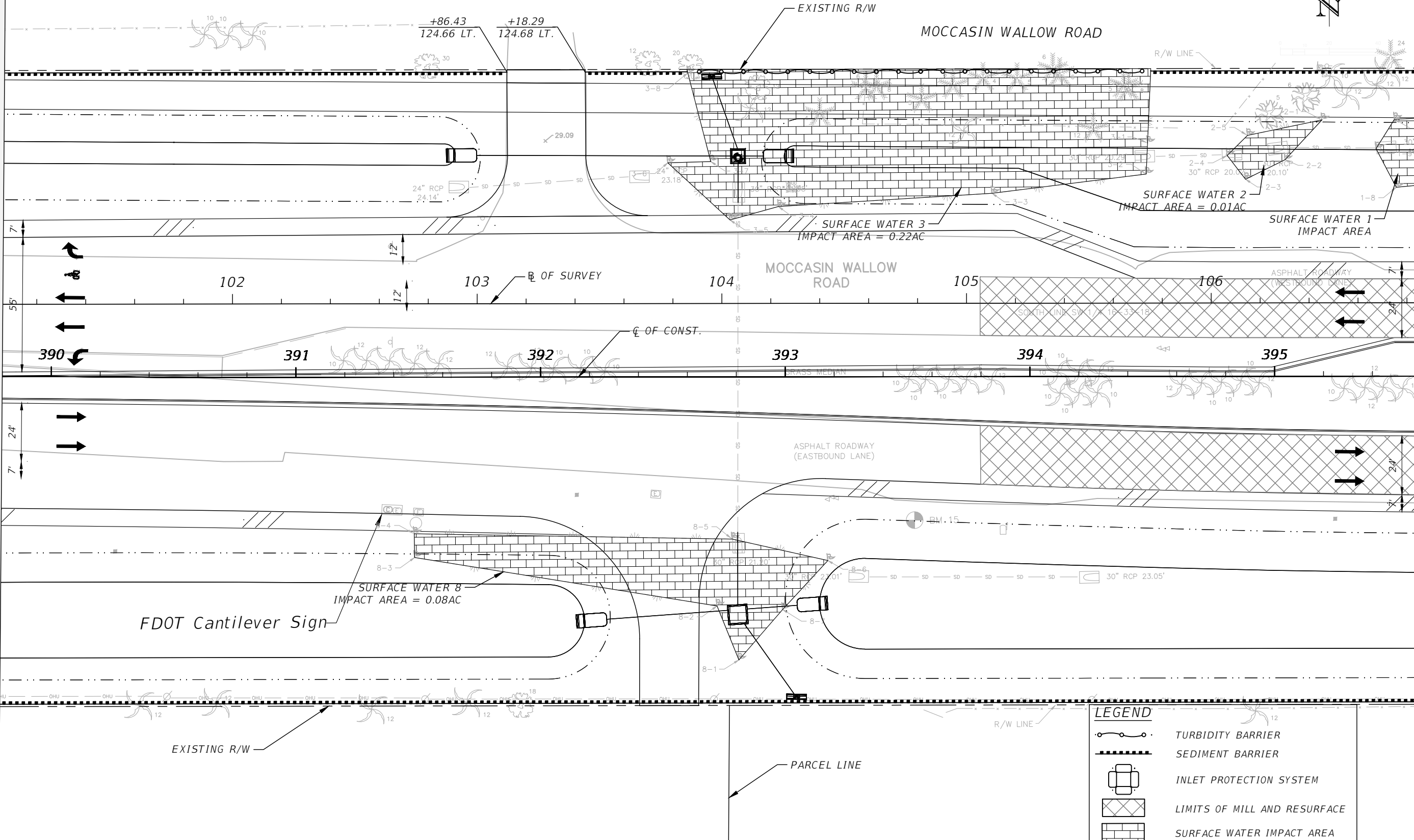
SHEET NO.
225

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



MATCHLINE STA. - 389+80.00

MATCHLINE STA. - 395+60.00



LEGEND

- TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM
- LIMITS OF MILL AND RESURFACE
- SURFACE WATER IMPACT AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

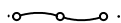




HAMID R. FARAJI, P.E.
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 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

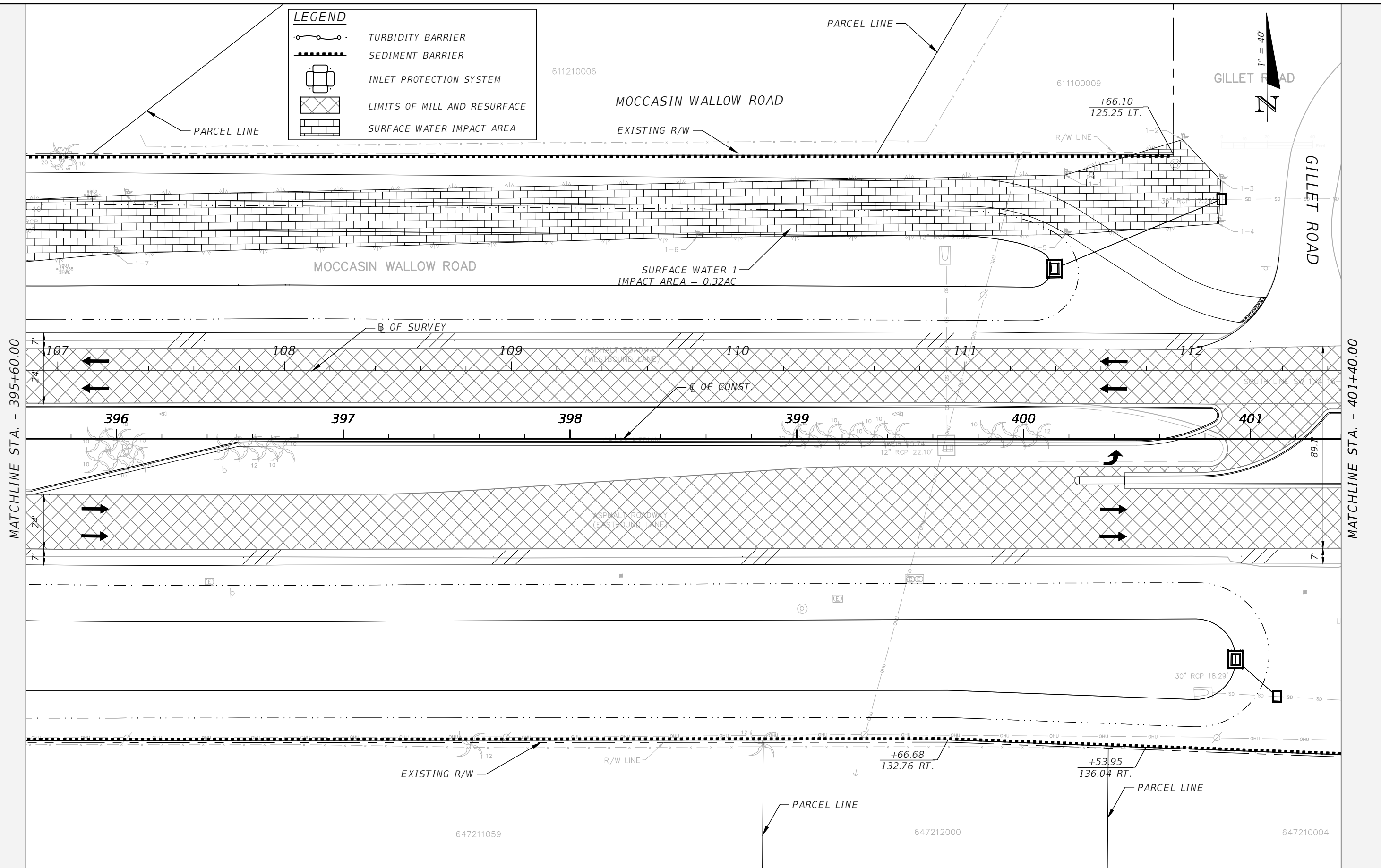
MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (18)

SHEET NO.
226

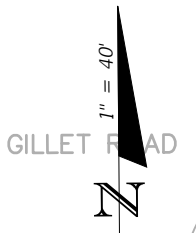
LEGEND

-  TURBIDITY BARRIER
-  SEDIMENT BARRIER
-  INLET PROTECTION SYSTEM
-  LIMITS OF MILL AND RESURFACE
-  SURFACE WATER IMPACT AREA



MATCHLINE STA. - 395+60.00

MATCHLINE STA. - 401+40.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

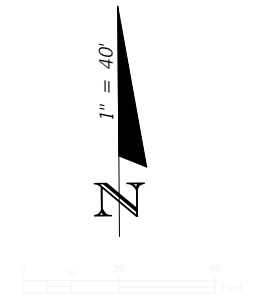
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

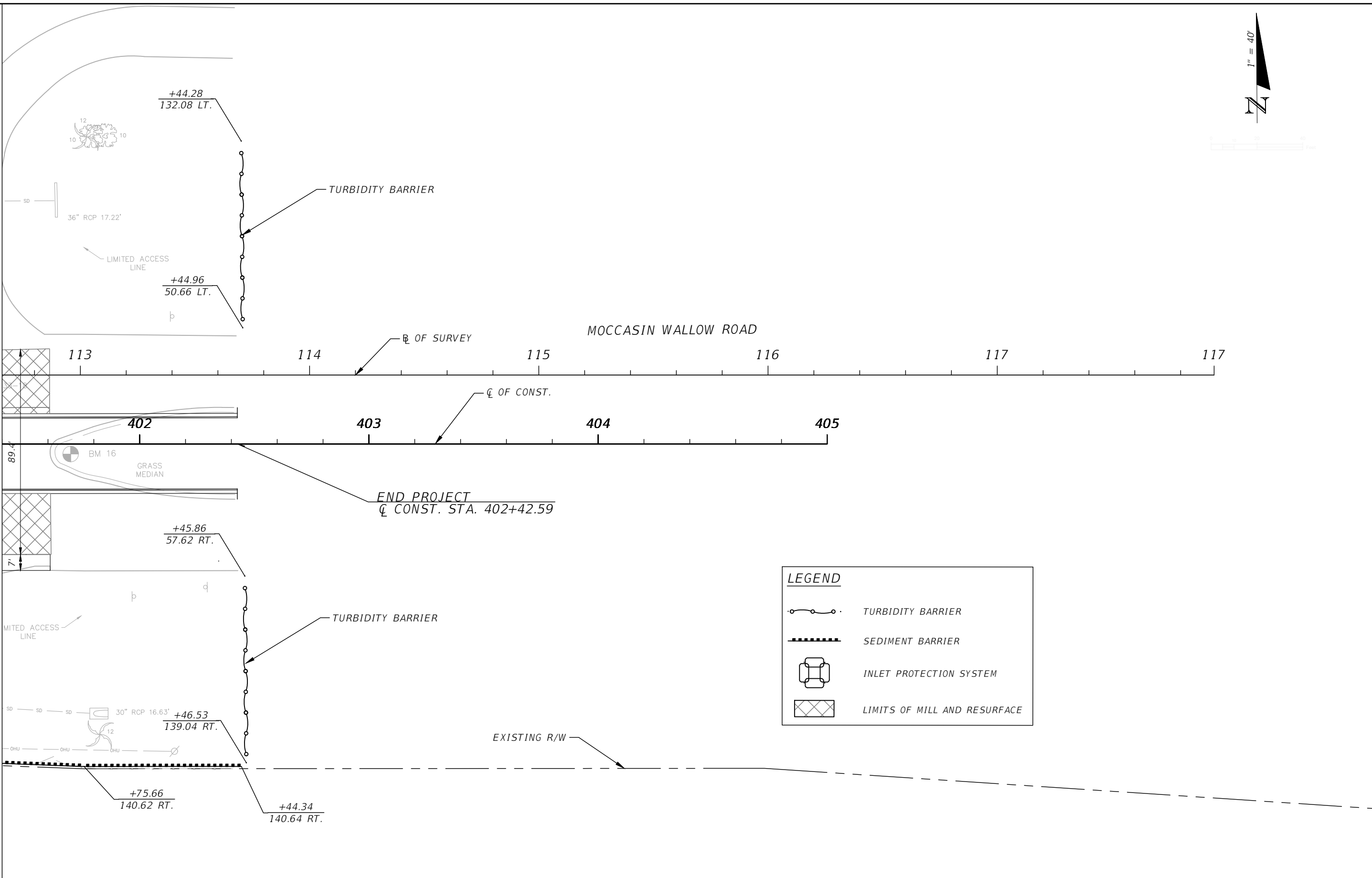
EROSION CONTROL PLAN (19)

SHEET NO.
227

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MATCHLINE STA. - 401+40.00



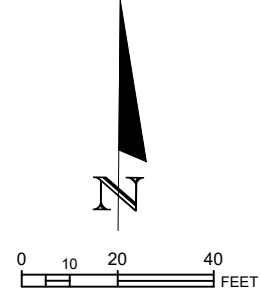
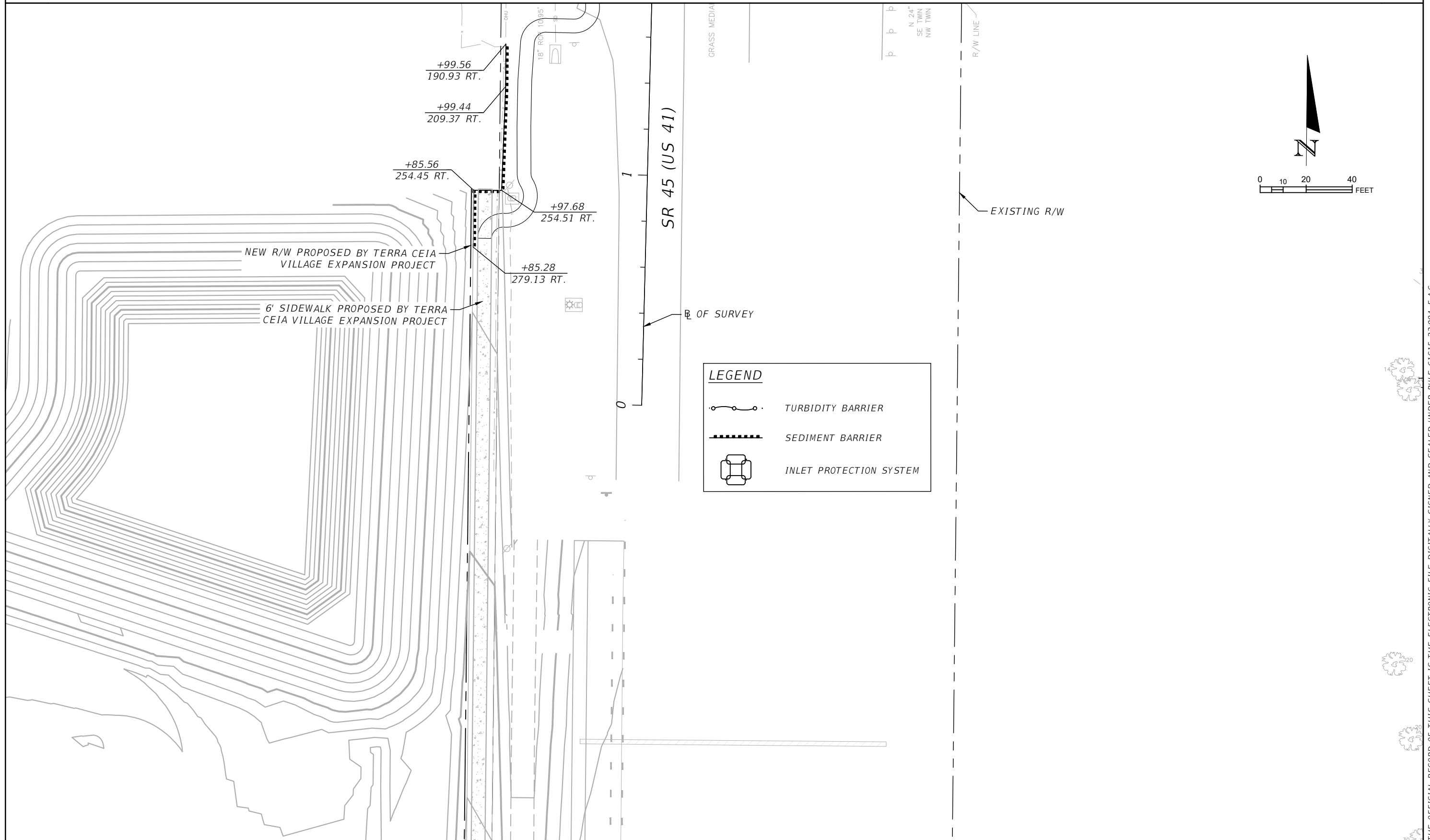
LEGEND

- TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM
- LIMITS OF MILL AND RESURFACE

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		EROSION CONTROL PLAN (20)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		228
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MATCHLINE - STA 1+75.00



LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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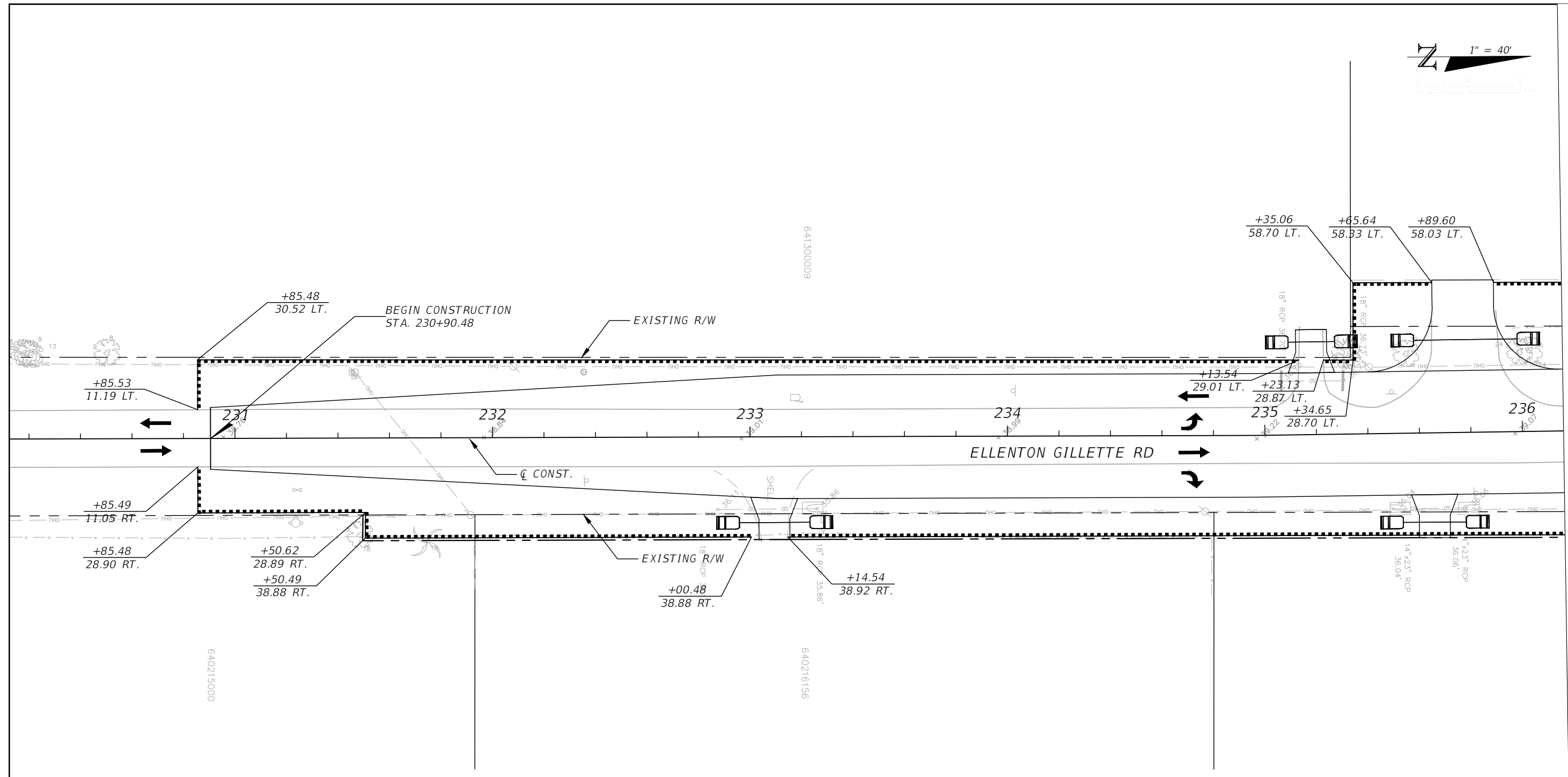
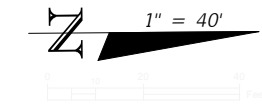
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (21)

SHEET NO.
229

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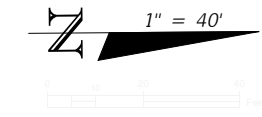


LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

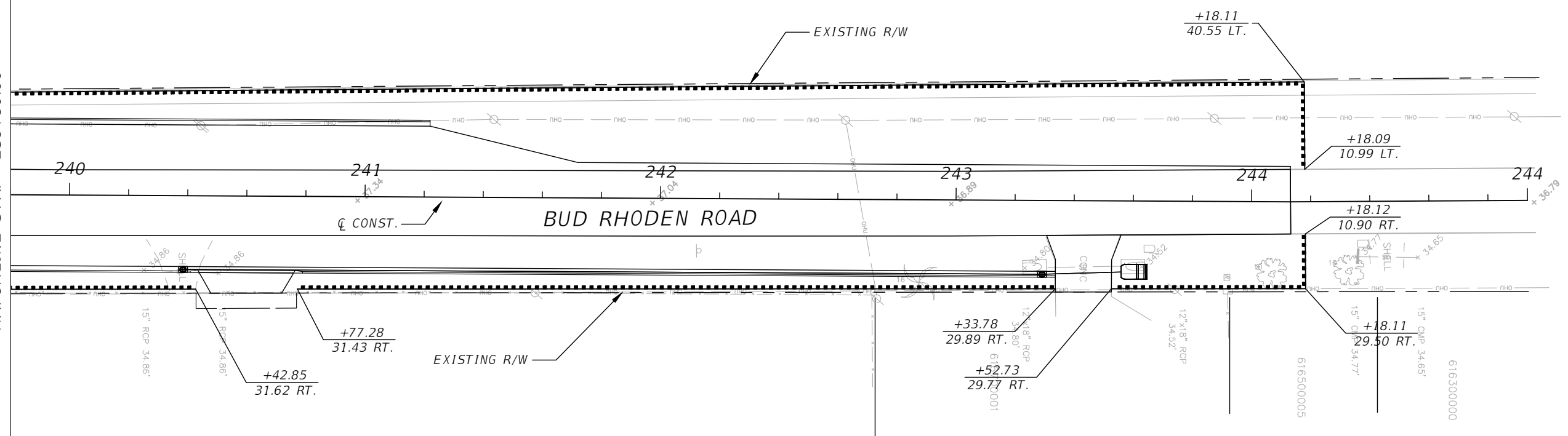
REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		EROSION CONTROL PLAN (22)	SHEET NO. 230
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
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MATCHLINE STA. - 236+20.00

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MATCHLINE STA. - 239+80.00



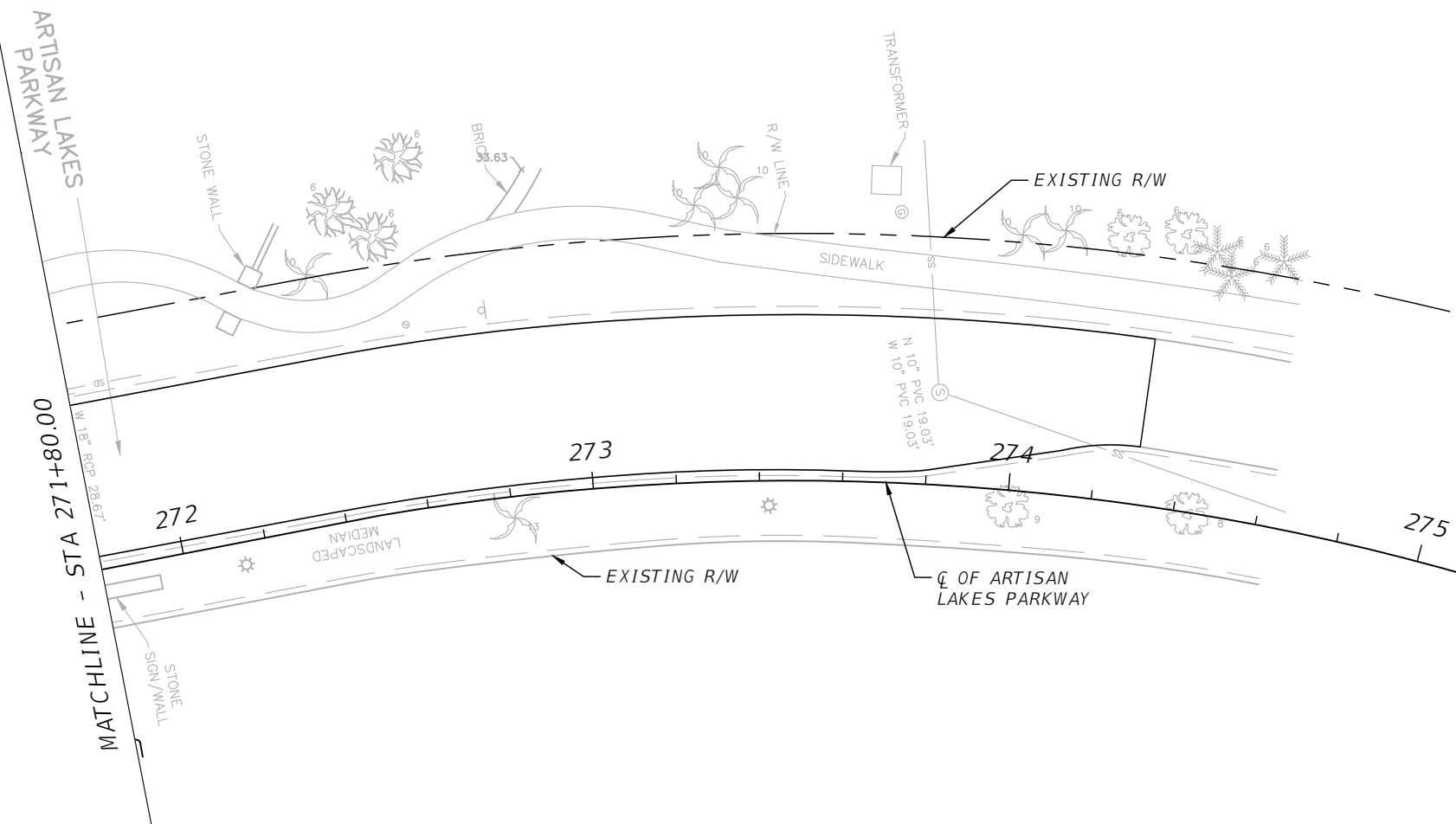
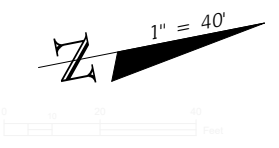
LEGEND

- TURBIDITY BARRIER
- SEDIMENT BARRIER
- INLET PROTECTION SYSTEM

BUD RHODEN ROAD

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		EROSION CONTROL PLAN (23)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		231
					MOCCASIN WALLOW RD	6092560		

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ARTISAN LAKES PARKWAY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

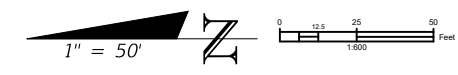
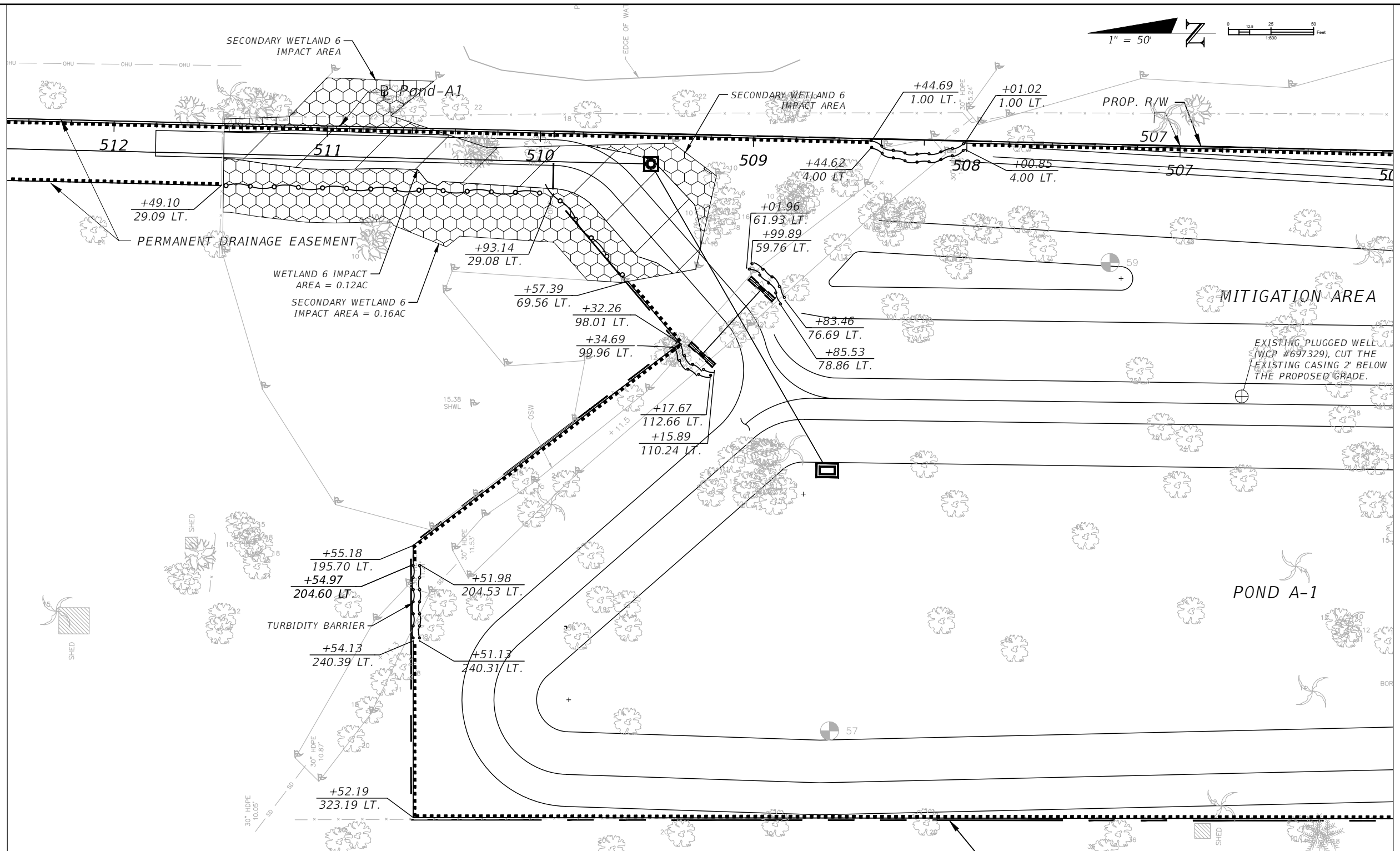
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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MOCCASIN WALLOW RD	DANATEE	6092560

EROSION CONTROL PLAN (24)

SHEET NO.
232

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MATCHLINE STA - 512+50.00



MATCHLINE STA. - 506+00

LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM
	WETLAND IMPACT AREA
	SECONDARY WETLAND IMPACT AREA

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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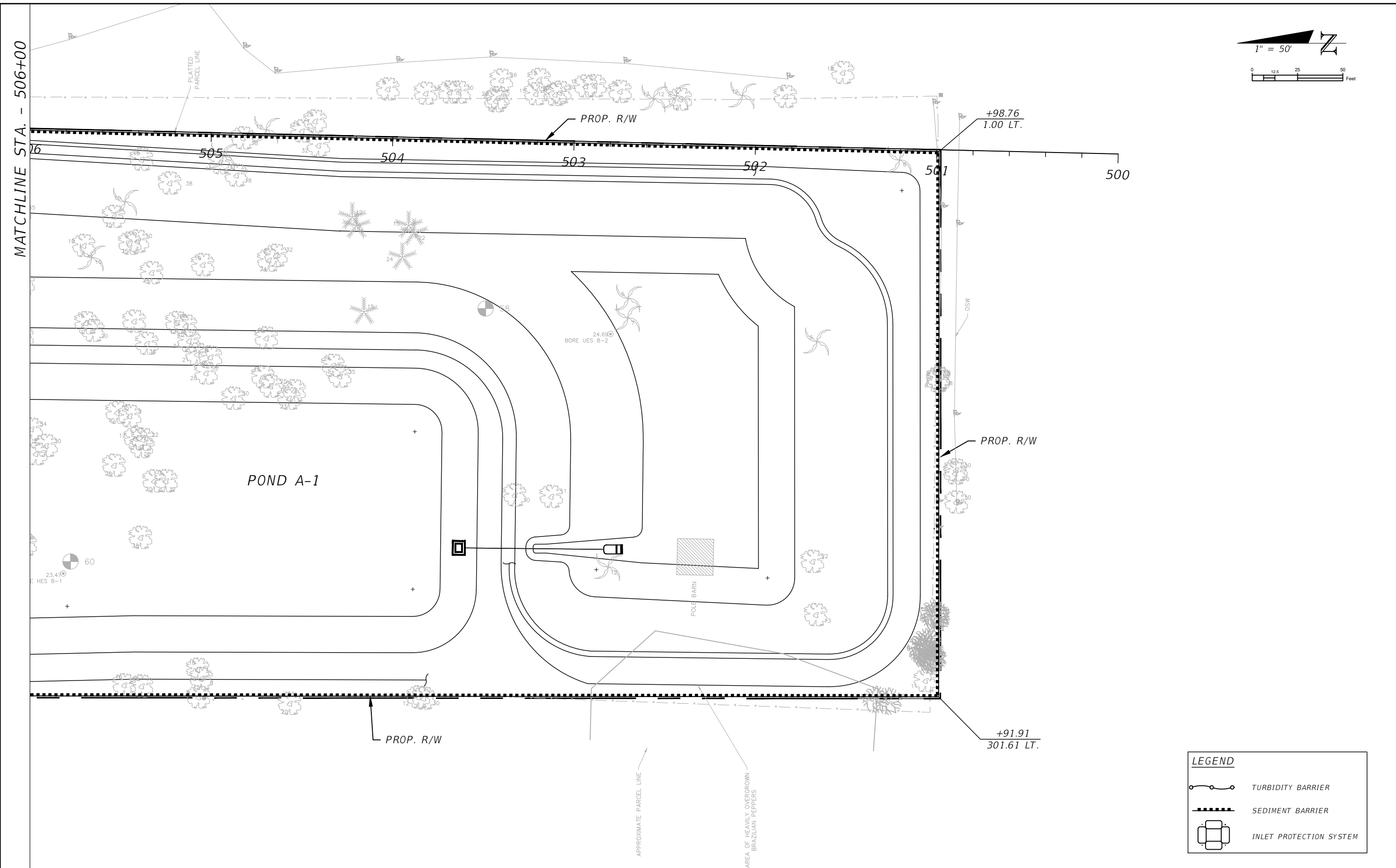
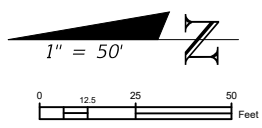
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

EROSION CONTROL PLAN (25)

SHEET NO.
233

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LEGEND	
	TURBIDITY BARRIER
	SEDIMENT BARRIER
	INLET PROTECTION SYSTEM

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		EROSION CONTROL PLAN (26)	SHEET NO. 234
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
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TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

1. POSTED REGULATORY SPEED LIMIT SHALL BE 40 MPH FOR PRE-PHASE I, PHASE I, AND PHASE II DURING CONSTRUCTION AND 45 MPH FOR PHASE III.
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 WESTBOUND 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 US 41 AT 1200' PRIOR TO THE MOCCASIN WALLOW ROAD INTERSECTION. THE MESSAGE SHALL READ AS FOLLOWS:

MESSAGE 1:	MESSAGE 2:
MOCCASIN	"DATE"
CONST.	EXPECT
BEGINS	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:	MESSAGE 2:
WORK	EXPECT
AHEAD	DELAYS
6. INCLUDE PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) INFORMATION FROM THE MANATEE COUNTY TRAFFIC SIGNAL DESIGN GUIDE (MCTSDG) FOR THE RECONSTRUCTION OF MOCCASIN WALLOW ROAD. COST OF FURNISHING PCMS TO BE INCLUDED UNDER PAY ITEM NO. 102-99 - PORTABLE CHANGEABLE MESSAGE SIGN - TEMPORARY.
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 CONSTRAINTS 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 CONSTRUCTION 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 334-1-11, SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC LEVEL A).

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

R E V I S I O N S				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		235
----	----			MOCCASIN WALLOW RD	6092560			

CONSTRUCTION PHASING NOTES

PRE-PHASE I

PRE-PHASE I OPERATIONS ARE TO MAINTAIN TRAFFIC ON THE EXISTING MOCCASIN WALLOW ROAD, INSTALL TTC DEVICES AND CONSTRUCT TEMPORARY PAVEMENT ALONG ADJACENT SIDES OF MOCCASIN WALLOW ROAD TRAVEL LANES TO ACCOMMODATE PHASE I TRAFFIC PATTERN.

1. INSTALL ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES WITH REFERENCE TO FDOT INDEX NO. 102-600.
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 I CONSTRUCTION.
4. UTILIZING LANE CLOSURES AND REFERENCE TO FDOT INDEX NOS. 102-602, 102-603, 102-604, AND 102-605, CONSTRUCT TEMPORARY ASPHALT PAVEMENT TO MATCH CROSS SLOPE OF EXISTING PAVEMENT (OR APPROPRIATE CROSS SLOPE) TO PROVIDE TEMPORARY DRAINAGE DITCHES AND PIPES, AS SHOWN IN THE TTC PLAN (PHASE I), REALIGNING ROADSIDE DITCHES GRADED TO MATCH EXISTING DITCH BOTTOM WIDTHS AND ELEVATIONS FOR POSITIVE CONVEYANCE OF STORMWATER RUNOFF WITHIN THE RIGHT-OF-WAY.
5. INSTALL TEMPORARY PAVEMENT MARKINGS, ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES FOR TTC PLAN (PHASE I) TRAFFIC SHIFT, AND TEMPORARY SIGNALIZATION. SEE THE TTC PLAN (PHASE I) FOR TYPE AND LOCATION OF PAVEMENT MARKINGS AND SIGNAGE.

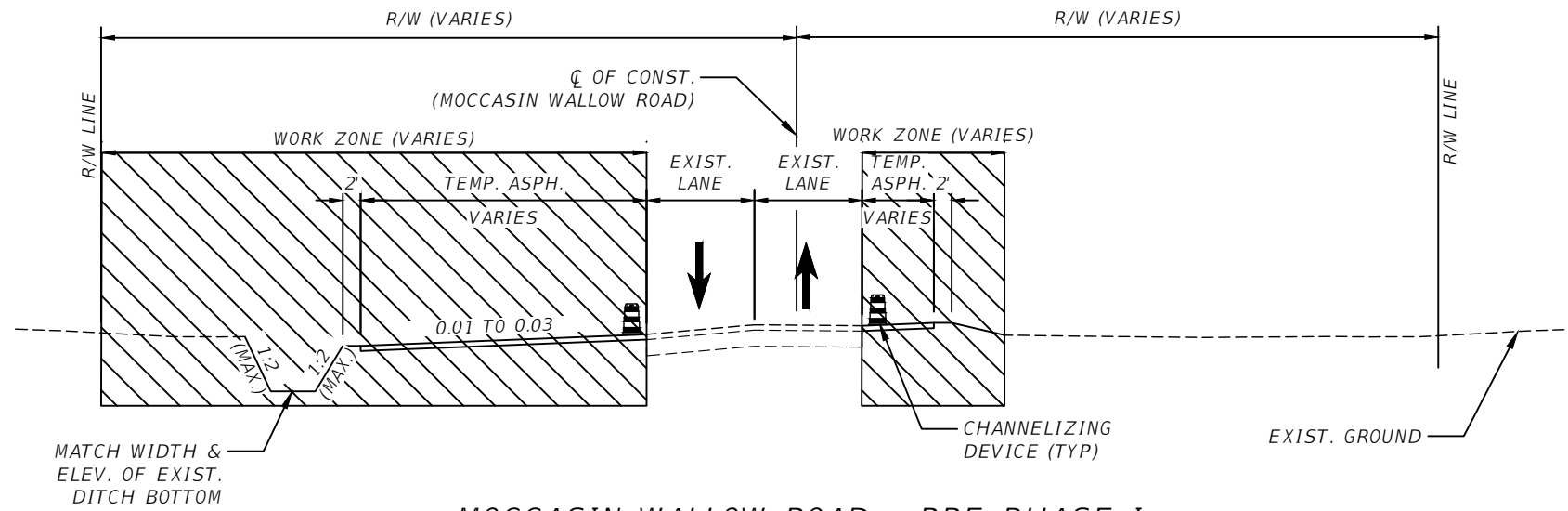
PHASE I

PHASE I OPERATIONS ARE TO SHIFT TRAFFIC TO INSTALL TTC DEVICES AND CONSTRUCT PROPOSED LANES WITH ROADWAY, DRAINAGE, SIGNING, LIGHTING, SIGNALIZATION AND UTILITY COMPONENTS ALONG THE SOUTH SIDE OF MOCCASIN WALLOW ROAD AND SIDE STREETS.

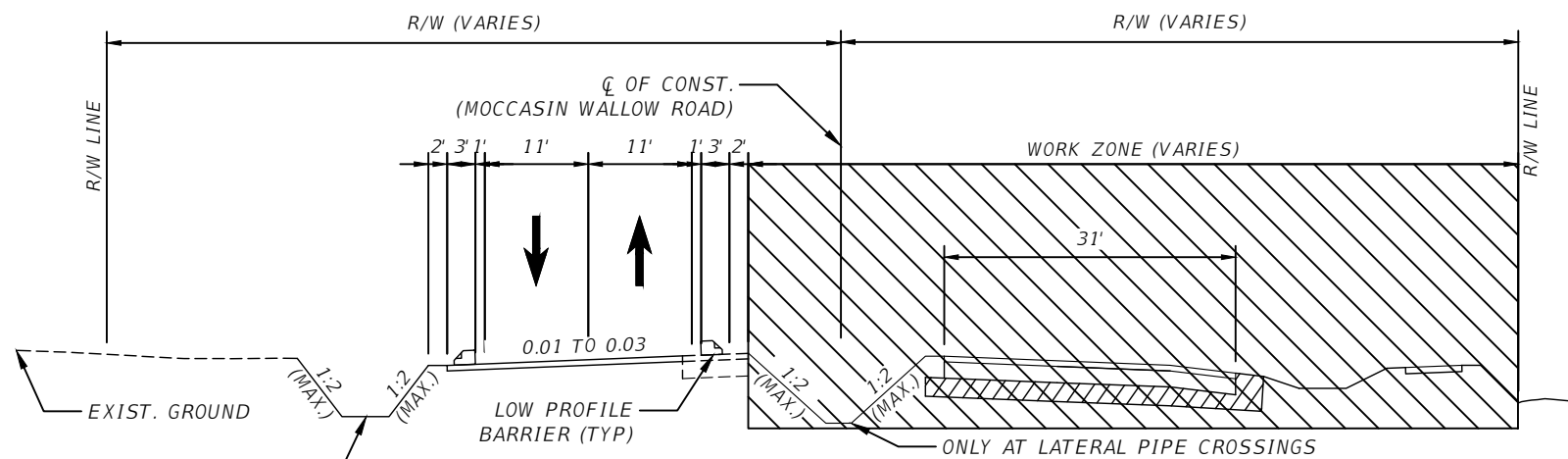
1. SHIFT UNDIVIDED TWO-WAY TRAFFIC TO PHASE I TRAFFIC PATTERN THAT WILL INCLUDE A PORTION OF THE EXISTING ROADWAY FACILITY AND TEMPORARY PAVEMENT CONSTRUCTED DURING PRE-PHASE I.
2. CONSTRUCT PROPOSED STORMWATER MANAGEMENT FACILITIES, POND OUTFALLS, AND PORTIONS OF THE PROPOSED DRAINAGE NETWORK.
3. CONSTRUCT PEDESTRIAN DETOUR DURING PHASE 1A
4. CONSTRUCT PROPOSED EASTBOUND TRAVEL LANES AND RIGHT TURN LANES, SIDEWALK, SIDE STREET/DRIVEWAYS, LIGHTING, SIGNALIZATION, TEMPORARY ASPHALT PAVEMENT IN THE MEDIAN, UTILITY WORK, PARTIAL SIGNAGE, DRAINAGE STRUCTURES AND PIPES ON THE SOUTH SIDE OF MOCCASIN WALLOW ROAD ALONG WITH PARTIAL LATERAL CROSSINGS UTILIZING LOW PROFILE BARRIER IN ACCORDANCE WITH FDOT INDEX 102-120.
5. UTILIZING ROAD CLOSURE DETOUR AS SHOWN IN THE TTC PLAN (PHASE I), CONSTRUCT ALL ROADWAY, DRAINAGE, AND UTILITY COMPONENTS AT THE BEGINNING OF THE PROJECT ON BISHOP HARBOR RD WEST OF S.R. 45 (U.S. 41). OPEN TRAFFIC ALONG BISHOP HARBOR RD UPON CONSTRUCTION COMPLETION.
6. RE-INSTALL TEMPORARY PAVEMENT MARKINGS, ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES FOR TTC PLAN (PHASE II) TRAFFIC SHIFT ALONG MOCCASIN WALLOW ROAD. RELOCATE LOW PROFILE BARRIER AS SHOWN IN TTC PLAN (PHASE II) IN ADDITION TO TYPE AND LOCATION OF PAVEMENT MARKINGS AND SIGNAGE FOR PHASE II.

PHASE I TEMPORARY SIGNALIZATION NOTES

1. POSTED SPEED FOR MAJOR STREET (MOCCASIN WALLOW RD.) IS 40 MPH. POSTED SPEED FOR MINOR STREET (GATEWAY BLVD.) SHALL MATCH EXISTING.
2. SIGNAL OPERATING PLAN: USE EXISTING.
3. EXISTING SIGNAL TIMING AND PREEMPTION TIMINGS SHALL REMAIN.
4. BUILD SIGNAL INFRASTRUCTURE AND TEMPORARY WOODEN POLES, AS NEEDED, TO ACCOMMODATE PHASE I TEMPORARY SIGNALIZATION.
5. MAINTAIN FIRE STATION PREEMPTION FUNCTION AND PROVIDE VEHICLE DETECTION THROUGHOUT CONSTRUCTION.
6. COORDINATE WITH MANATEE COUNTY PRIOR TO ANY SIGNAL ADJUSTMENT WORK.



MOCCASIN WALLOW ROAD - PRE-PHASE I
STA. 300+65.00 TO 402+42.59



MOCCASIN WALLOW ROAD - PHASE I
STA. 300+65.00 TO 402+42.59

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

TEMPORARY TRAFFIC CONTROL
PHASING (1)

SHEET NO.
236

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PHASE II

PHASE II OPERATIONS ARE TO SHIFT TRAFFIC TO PORTION OF NEW EASTBOUND PAVEMENT TO INSTALL TTC DEVICES AND CONSTRUCT PROPOSED LANES WITH ROADWAY, DRAINAGE, SIGNING, LIGHTING, SIGNALIZATION AND UTILITY COMPONENTS ALONG THE NORTH SIDE OF MOCCASIN WALLOW ROAD AND SIDE STREETS.

1. SHIFT UNDIVIDED TWO-WAY TRAFFIC TO PHASE II TRAFFIC PATTERN THAT WILL INCLUDE THE EXISTING FACILITY PARTIALLY CONSTRUCTED EASTBOUND ROADWAY AND TEMPORARY PAVEMENT CONSTRUCTED DURING TTC PLAN (PHASE I) IN THE MEDIAN.
2. MAINTAIN EXISTING SIDEWALK AS DETOUR AND CONSTRUCT TRAIL DURING PHASE IIA, OPEN TRAIL TO PEDESTRIANS DURING PHASE IIB AND REMOVE EXISTING SIDEWALK
3. CONSTRUCT PROPOSED WESTBOUND TRAVEL LANES AND RIGHT TURN LANES, SHARED USE PATH, SIDE STREETS/DRIVEWAYS, LIGHTING, SIGNALIZATION, TEMPORARY ASPHALT PAVEMENT IN THE MEDIAN, UTILITY WORK, PARTIAL SIGNAGE, DRAINAGE STRUCTURES AND PIPES ON THE NORTH SIDE OF MOCCASIN WALLOW ROAD ALONG WITH REMAINING PORTIONS OF LATERAL CROSSINGS UTILIZING LOW PROFILE BARRIER IN ACCORDANCE WITH FDOT INDEX 102-120.
4. REMOVE ALL LOW PROFILE BARRIER REMAINING ON PHASE II. RE-INSTALL TEMPORARY PAVEMENT MARKINGS, ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES FOR TTC PLAN (PHASE III) TRAFFIC SHIFT. SEE THE TTC PLAN (PHASE III) FOR TYPE AND LOCATION OF PAVEMENT MARKINGS AND SIGNAGE.

PHASE II TEMPORARY SIGNALIZATION NOTES

1. POSTED SPEED FOR MAJOR STREET (MOCCASIN WALLOW RD.) IS 40 MPH. POSTED SPEED FOR MINOR STREET (GATEWAY BLVD.) SHALL MATCH EXISTING.
2. SIGNAL OPERATING PLAN: USE EXISTING.
3. EXISTING SIGNAL TIMING AND PREEMPTION TIMINGS SHALL REMAIN.
4. BUILD SIGNAL INFRASTRUCTURE AND TEMPORARY WOODEN POLES, AS NEEDED, TO ACCOMMODATE PHASE II TEMPORARY SIGNALIZATION.
5. MAINTAIN FIRE STATION PREEMPTION FUNCTION AND PROVIDE VEHICLE DETECTION THROUGHOUT CONSTRUCTION.
6. COORDINATE WITH MANATEE COUNTY PRIOR TO ANY SIGNAL ADJUSTMENT WORK.

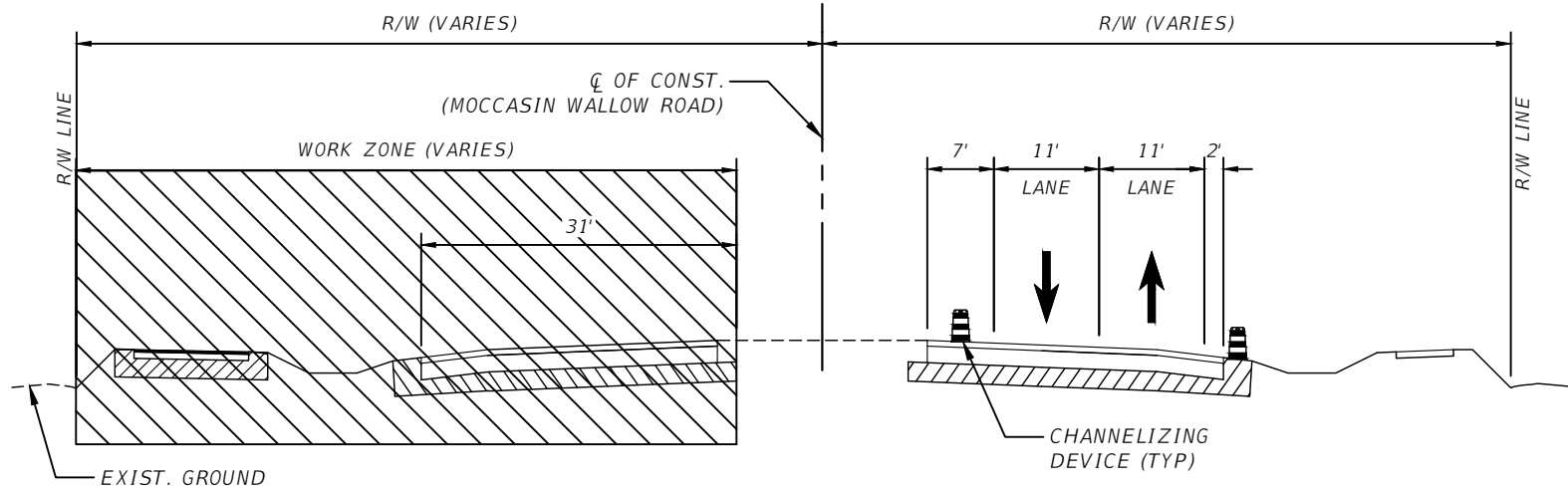
PHASE III

PHASE III OPERATIONS ARE TO SHIFT TRAFFIC IN EACH DIRECTION TO OUTSIDE LANES OF NEW PAVEMENT TO CONSTRUCT REMAINDER OF PROPOSED LANES, INCLUDING TURN LANES, CURB AND GUTTER, AND MEDIAN COMPONENTS OF MOCCASIN WALLOW ROAD AND SIDE STREETS.

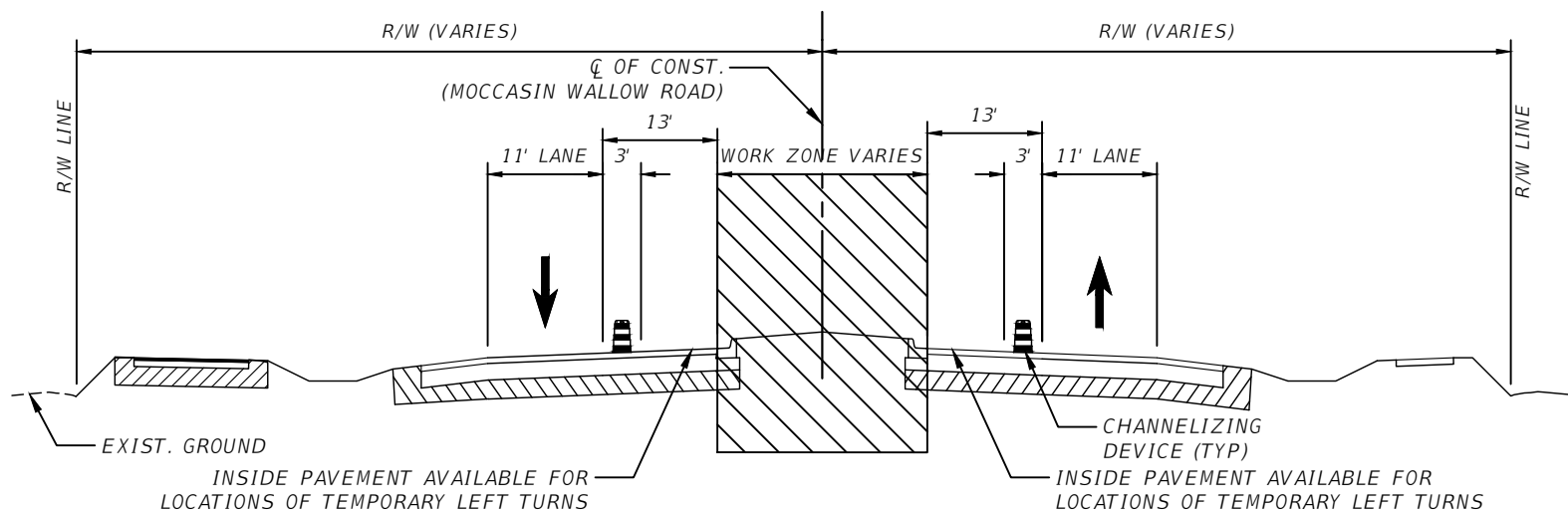
1. SHIFT TWO-WAY TRAFFIC TO PHASE III TRAFFIC PATTERN THAT WILL INCLUDE ONE WAY IN EACH DIRECTION ALONG THE OUTSIDE LANES OF THE NEWLY INSTALLED EASTBOUND AND WESTBOUND ROADWAY CONSTRUCTED DURING THE PREVIOUS PHASES.
2. CONSTRUCT THE MEDIAN WORK, INCLUDING CURB AND GUTTER, LEFT TURN LANES, AND ANY REMAINING DRAINAGE COMPONENTS, SIDE STREETS AND UTILITY WORK.
3. REMOVE ALL TEMPORARY PAVEMENT MARKINGS, ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES FOR TTC PLAN (PHASE III). UTILIZING LANE CLOSURES AND FDOT INDEXES 102-613, APPLY FINAL FRICTION COURSE SURFACE, AND INSTALL PERMANENT PAVEMENT MARKINGS AND REMAINING SIGNAGE.
4. UPON COMPLETION, OPEN ALL LANES OF TRAFFIC.

PHASE III TEMPORARY SIGNALIZATION NOTES

1. POSTED SPEEDS FOR MAJOR STREET (MOCCASIN WALLOW RD.) AND MINOR STREETS (GATEWAY BOULEVARD AND 36TH AVENUE/BUD RHODEN ROAD) ARE 40 MPH.
2. SIGNAL OPERATING PLAN: USE PROPOSED, INCLUDING SIGNAL TIMING AND PREEMPTION TIMINGS.
3. BUILD REMAINING SIGNAL INFRASTRUCTURE TO ACCOMMODATE PHASE III TEMPORARY SIGNALIZATION.
4. PROVIDE VEHICLE DETECTION THROUGHOUT CONSTRUCTION.
5. COORDINATE WITH MANATEE COUNTY PRIOR TO ANY SIGNAL ADJUSTMENT WORK.



MOCCASIN WALLOW ROAD - PHASE II
STA. 300+65.00 TO 402+42.59



MOCCASIN WALLOW ROAD - PHASE III
STA. 300+65.00 TO 402+42.59

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PHASING (2)	SHEET NO. 237
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
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PHASE III A (US 41/SR 45)

PHASE III A OPERATIONS ARE TO MILL AND RESURFACE THE EXISTING OUTSIDE LANE AND RIGHT TURN LANE OF US 41/SR 45 WHILE MAINTAINING ONE LANE OF TRAFFIC ON EXISTING PAVEMENT.

1. INSTALL SIGNING ALONG US 41 AND ON MAINLINE SIDE STREETS AS PER INDEX 102-613 AND 102-615. UTILIZE NIGHTTIME LANE CLOSURE AND INDICES 102-613 AND 102-615 FOR PHASE III A MILLING OPERATIONS.
2. MILL AND RESURFACE EXISTING OUTSIDE LANE AND RIGHT TURN LANE OF US 41/SR 45.

PHASE III B (US 41/SR 45)

PHASE III B OPERATIONS ARE TO MILL AND RESURFACE THE EXISTING INSIDE LANE AND LEFT TURN LANE OF US 41/SR 45 WHILE MAINTAINING ONE LANE OF TRAFFIC ON EXISTING PAVEMENT.

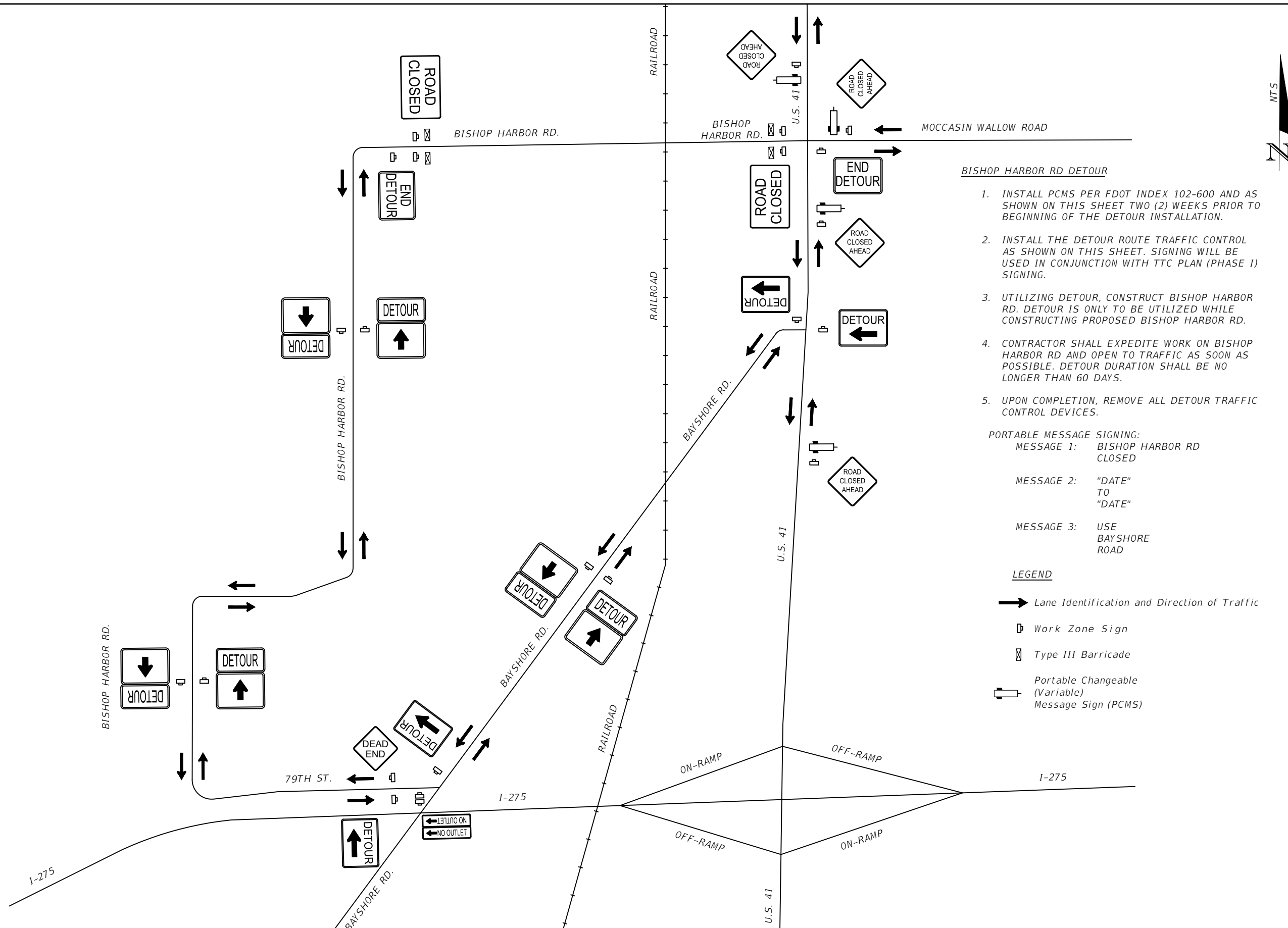
1. RE-INSTALL SIGNING ALONG US 41 AND ON MAINLINE SIDE STREETS AS PER INDEX 102-613 AND 102-615. UTILIZE NIGHTTIME LANE CLOSURE AND INDICES 102-613 AND 102-615 FOR PHASE III B MILLING OPERATIONS.
2. MILL AND RESURFACE EXISTING INSIDE LANE AND LEFT TURN LANE OF US 41/SR 45.

PHASE III C (US 41/SR 45)

PHASE III C OPERATIONS ARE TO COMPLETE PAVEMENT MARKINGS ALONG US 41/SR 45.

1. UTILIZE NIGHTTIME LANE CLOSURE, INSTALL FINAL PAVEMENT MARKINGS PER INDEX 102-613 AND 102-615

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		238
---	---				MOCCASIN WALLOW RD	6092560		



BISHOP HARBOR RD DETOUR

1. INSTALL PCMS PER FDOT INDEX 102-600 AND AS SHOWN ON THIS SHEET TWO (2) WEEKS PRIOR TO BEGINNING OF THE DETOUR INSTALLATION.
2. INSTALL THE DETOUR ROUTE TRAFFIC CONTROL AS SHOWN ON THIS SHEET. SIGNING WILL BE USED IN CONJUNCTION WITH TTC PLAN (PHASE I) SIGNING.
3. UTILIZING DETOUR, CONSTRUCT BISHOP HARBOR RD. DETOUR IS ONLY TO BE UTILIZED WHILE CONSTRUCTING PROPOSED BISHOP HARBOR RD.
4. CONTRACTOR SHALL EXPEDITE WORK ON BISHOP HARBOR RD AND OPEN TO TRAFFIC AS SOON AS POSSIBLE. DETOUR DURATION SHALL BE NO LONGER THAN 60 DAYS.
5. UPON COMPLETION, REMOVE ALL DETOUR TRAFFIC CONTROL DEVICES.

PORTABLE MESSAGE SIGNING:

- MESSAGE 1: BISHOP HARBOR RD CLOSED
- MESSAGE 2: "DATE" TO "DATE"
- MESSAGE 3: USE BAYSHORE ROAD

LEGEND

- Lane Identification and Direction of Traffic
- Work Zone Sign
- Type III Barricade
- Portable Changeable (Variable) Message Sign (PCMS)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

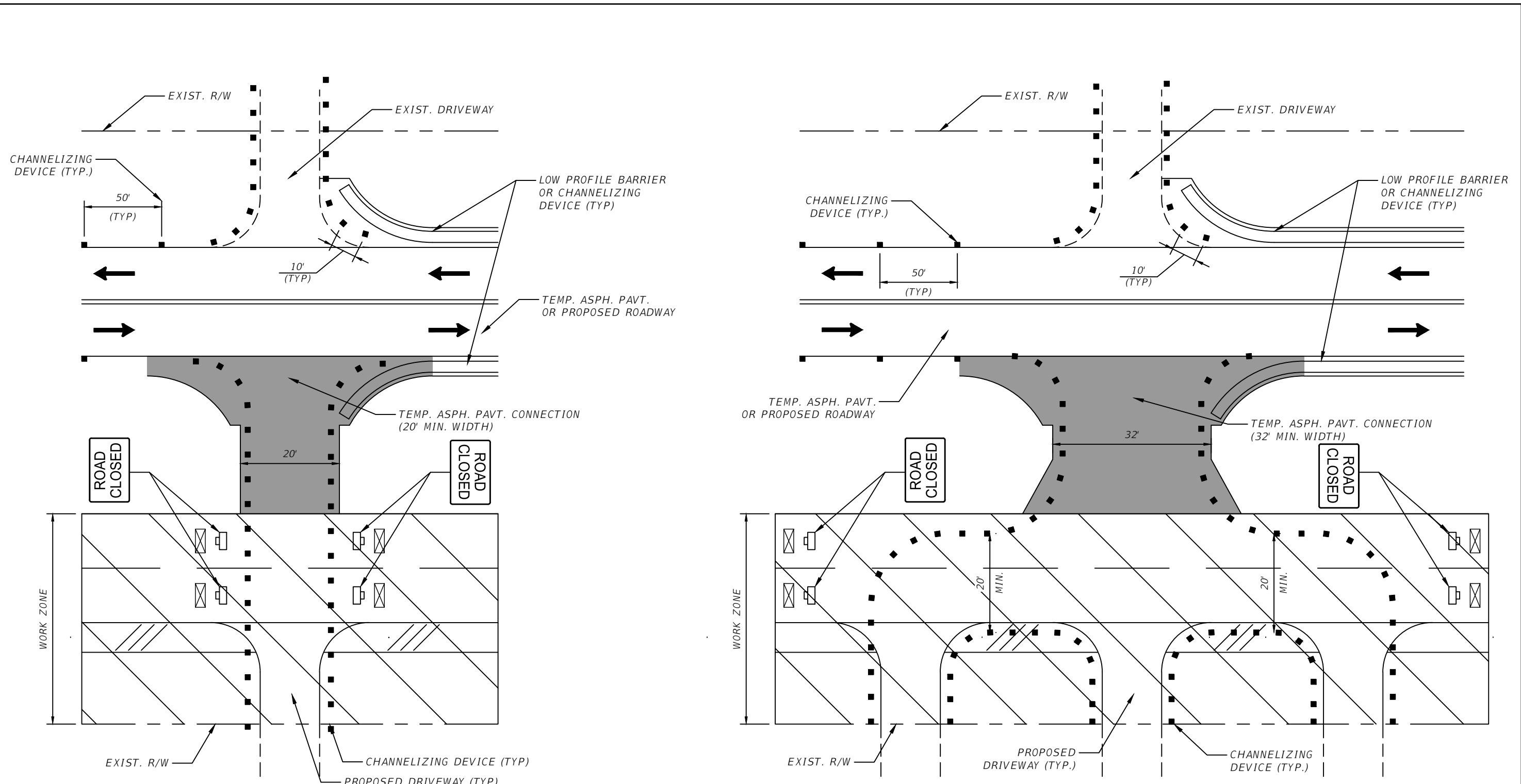
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN BISHOP HARBOR RD
DETOUR**

SHEET NO.
239

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



SINGLE DRIVEWAY DETAIL

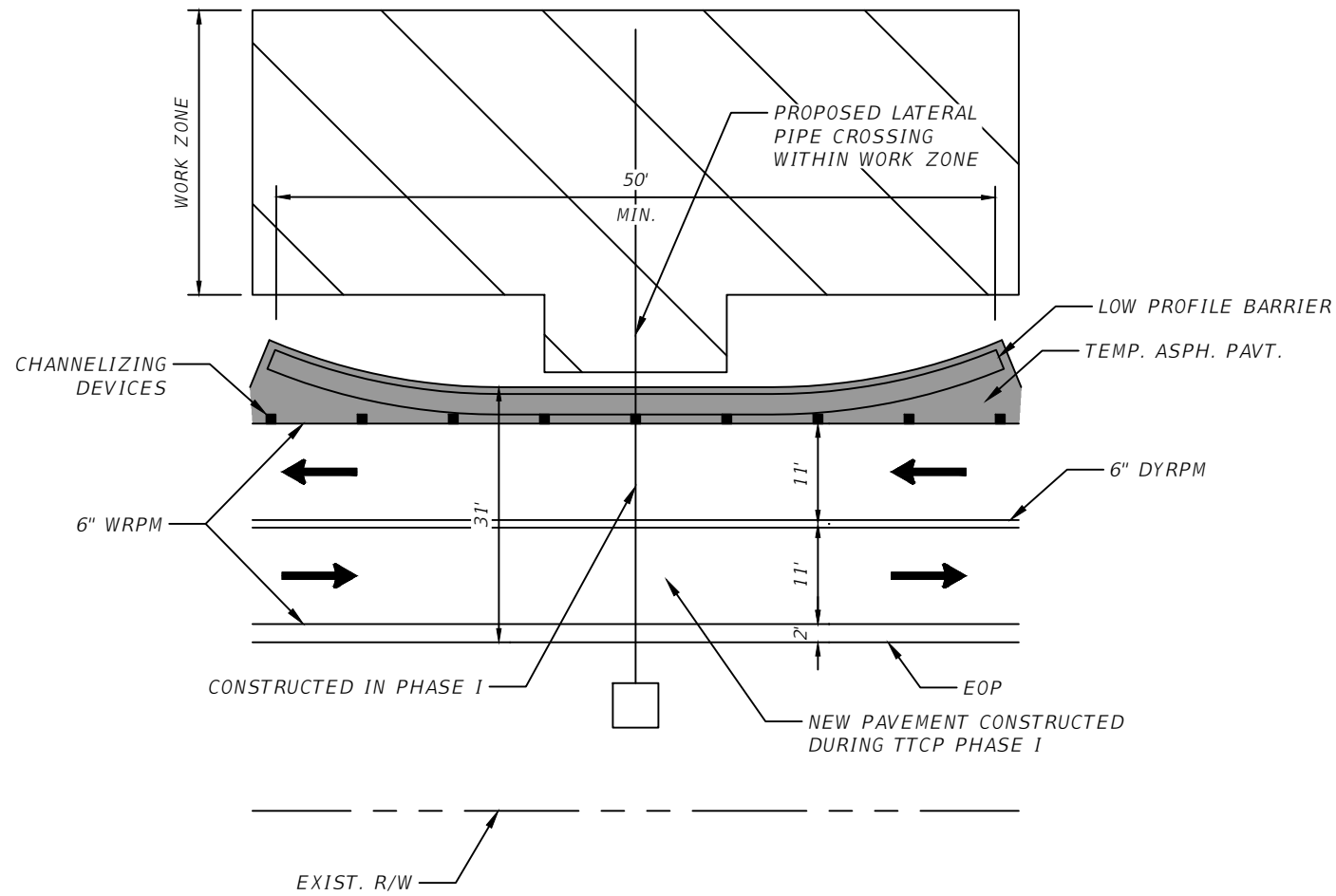
MULTIPLE DRIVEWAY DETAIL

NOTES:
 1. CHANNELIZING DEVICE TYPE AND SPACING PER FDOT INDEX 102-600.
 2. LOW PROFILE BARRIER OPENING PER FDOT INDEX 102-120.

NOTES:
 1. CHANNELIZING DEVICE TYPE AND SPACING PER FDOT INDEX 102-600.
 2. LOW PROFILE BARRIER OPENING PER FDOT INDEX 102-120.

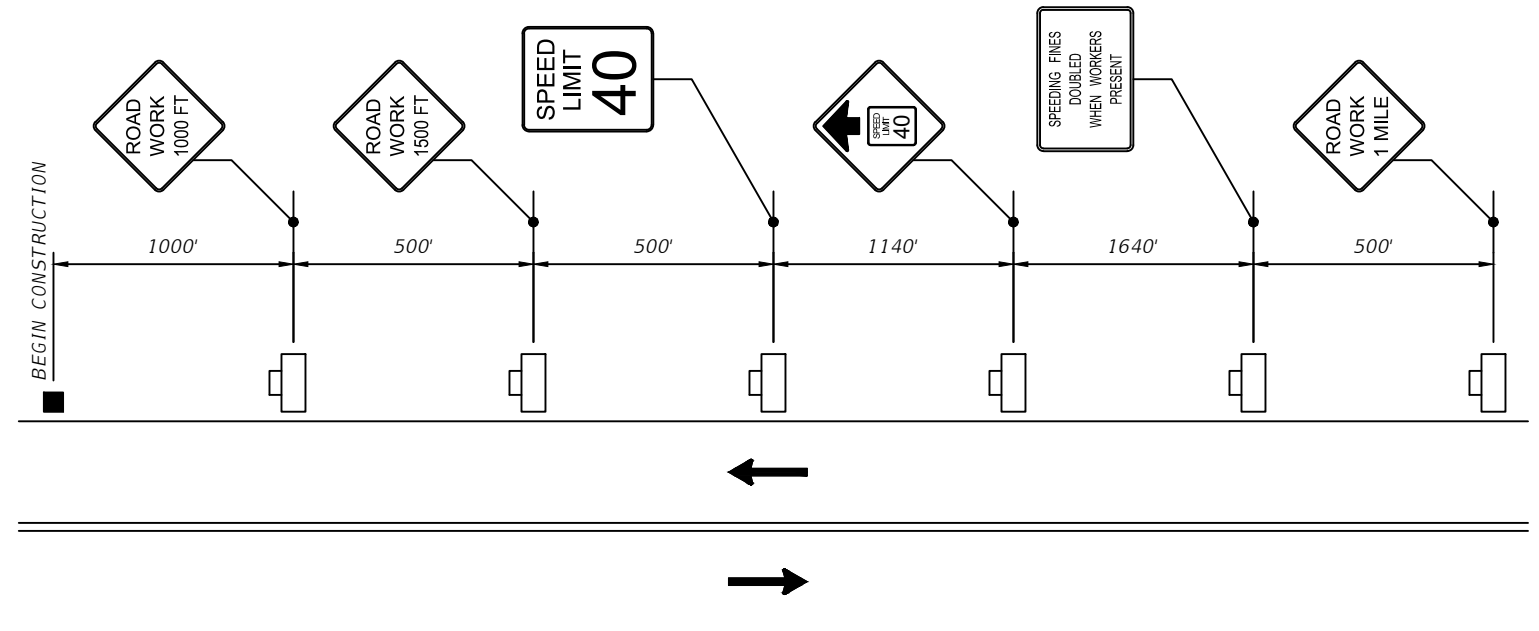
REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL DETAILS (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		240
---	---	---	---		MOCCASIN WALLOW RD	6092560		

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



**LATERAL PIPE CROSSING DETAIL
(TTCP PHASE II)**

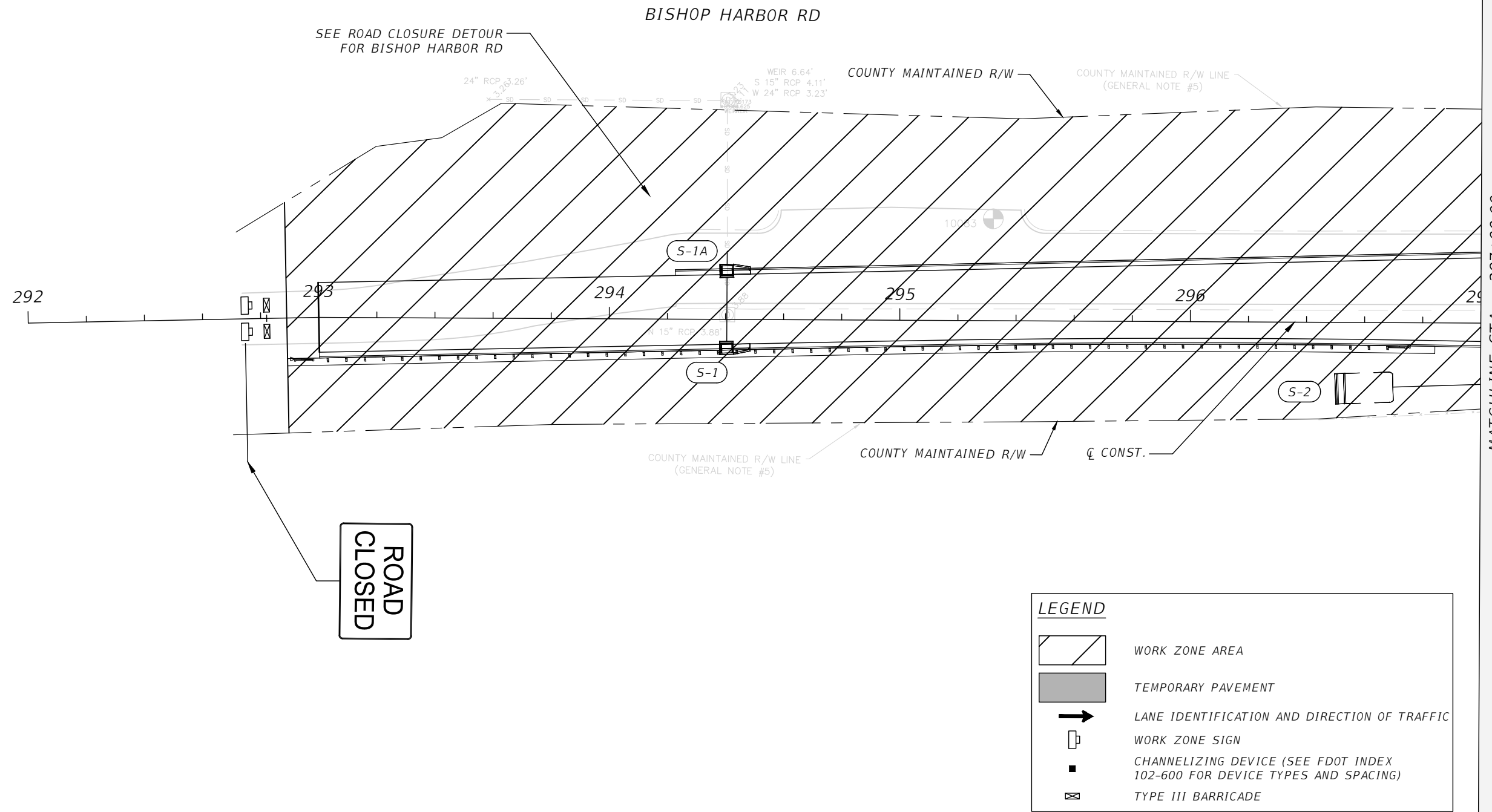
- NOTES:
 1. CHANNELIZING DEVICETYPE AND SPACING PER FDOT INDEX 102-600.
 2. LOW PROFILE BARRIER OPENING PER FDOT INDEX 102-120.



**ADVANCED SIGNING DETAIL
(TTCP PHASE I AND TTCP PHASE II)**

- NOTES:
 1. REQUIRED ONLY WHEN CONSTRUCTION ZONE SPEED REDUCED BELOW EXISTING POSTED SPEED PRIOR TO CONSTRUCTION.

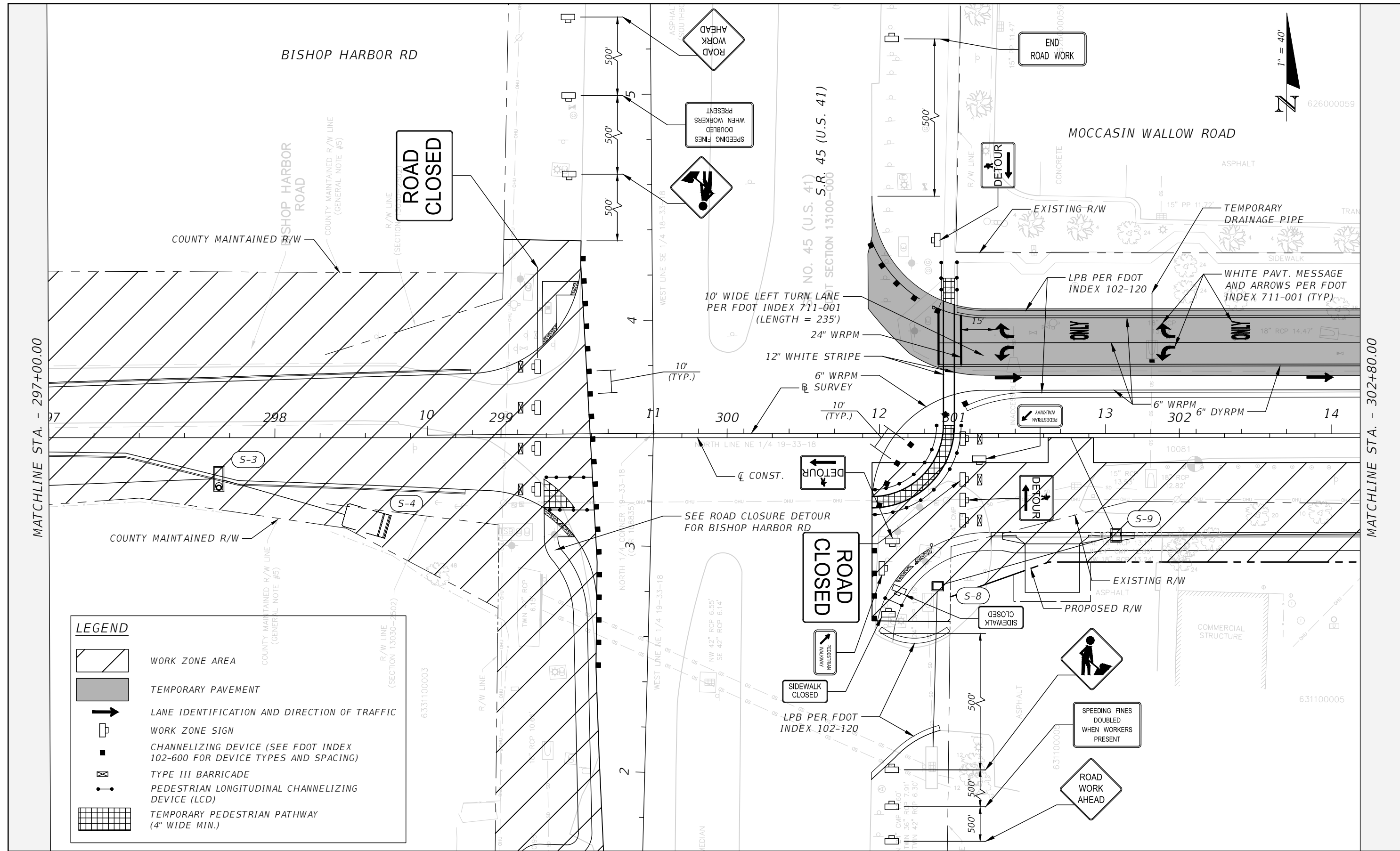
REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL DETAILS (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		241
---	---	---	---		MOCCASIN WALLOW RD	6092560		



LEGEND	
	WORK ZONE AREA
	TEMPORARY PAVEMENT
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	WORK ZONE SIGN
	CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
	TYPE III BARRICADE

MATCHLINE STA. - 297+00.00

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (1) PHASE I	SHEET NO. 242
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		



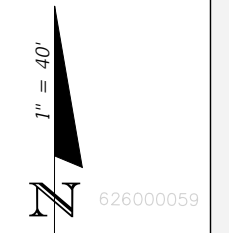
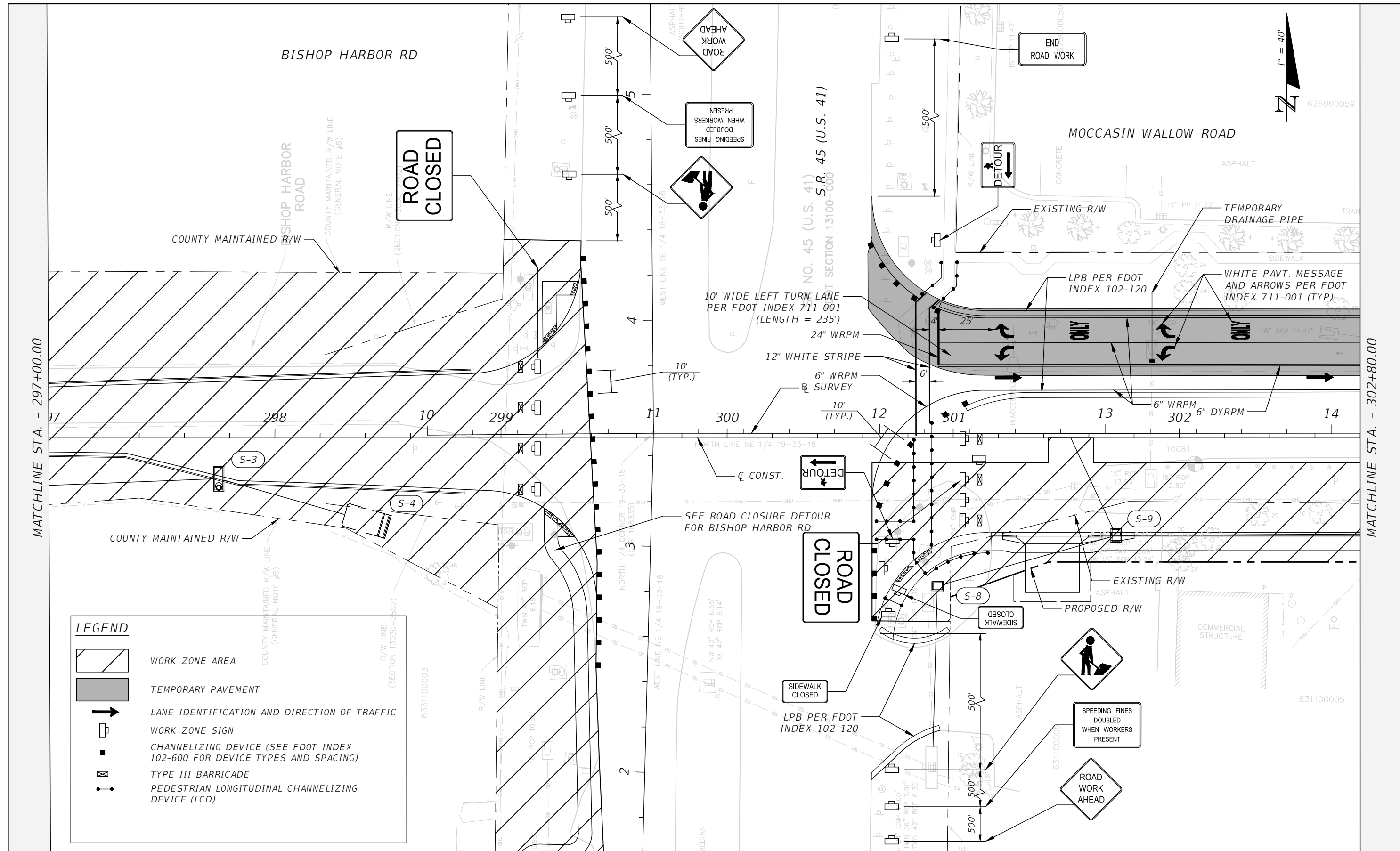
LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
- TYPE III BARRICADE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)
- TEMPORARY PEDESTRIAN PATHWAY (4\"/>

MATCHLINE - STA 1+65.00 - SEE TTCP (21) PHASE I

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (2) PHASE IA	SHEET NO. 243
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		

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



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
- TYPE III BARRICADE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

MATCHLINE - STA 1+65.00 - SEE TTCP (21) PHASE I

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (2) PHASE IB	SHEET NO. 244
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---	MOCCASIN WALLOW RD	6092560			

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



628000002

625900006

628010001

TEMPORARY DRAINAGE PIPE

MOCCASIN WALLOW ROAD

SEE TTCP DETAILS FOR DRIVEWAY CONNECTION DETAILS (TYP)

TEMPORARY DRAINAGE PIPE

LENGTH OF APPROACH = 165'

PROPOSED R/W

TEMPORARY DRAINAGE PIPE

WHITE PAVT. MESSAGE AND ARROWS PER FDOT INDEX 711-001

INSTALL RPM'S PER FDOT INDEXES 102-600 AND 706-001

LPB PER FDOT INDEX 102-120 (TYP)

EXISTING R/W

SPEED LIMIT 40

TEMPORARY DRAINAGE PIPE

6" WRPM

303

15

304

16

305

17

306

18

307

19

308

TEMPORARY MANHOLE

End STA. 514+27.41

S-12

S-11

S-15

S-16

S-17

EXISTING R/W

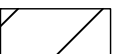






PROPOSED R/W

PERMANENT DRAINAGE EASEMENT

Pond-A1

SEE TTCP DETAILS FOR DRIVEWAY CONNECTION DETAILS (TYP)

LEGEND

-  WORK ZONE AREA
-  TEMPORARY PAVEMENT
-  LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
-  WORK ZONE SIGN
-  CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
-  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)
-  TYPE III BARRICADE

MATCHLINE STA. - 302+80.00

MATCHLINE STA. - 308+60.00

631710001

631700002

TRACT 501
NORTH OAK ESTATES
PB 43 PG 137

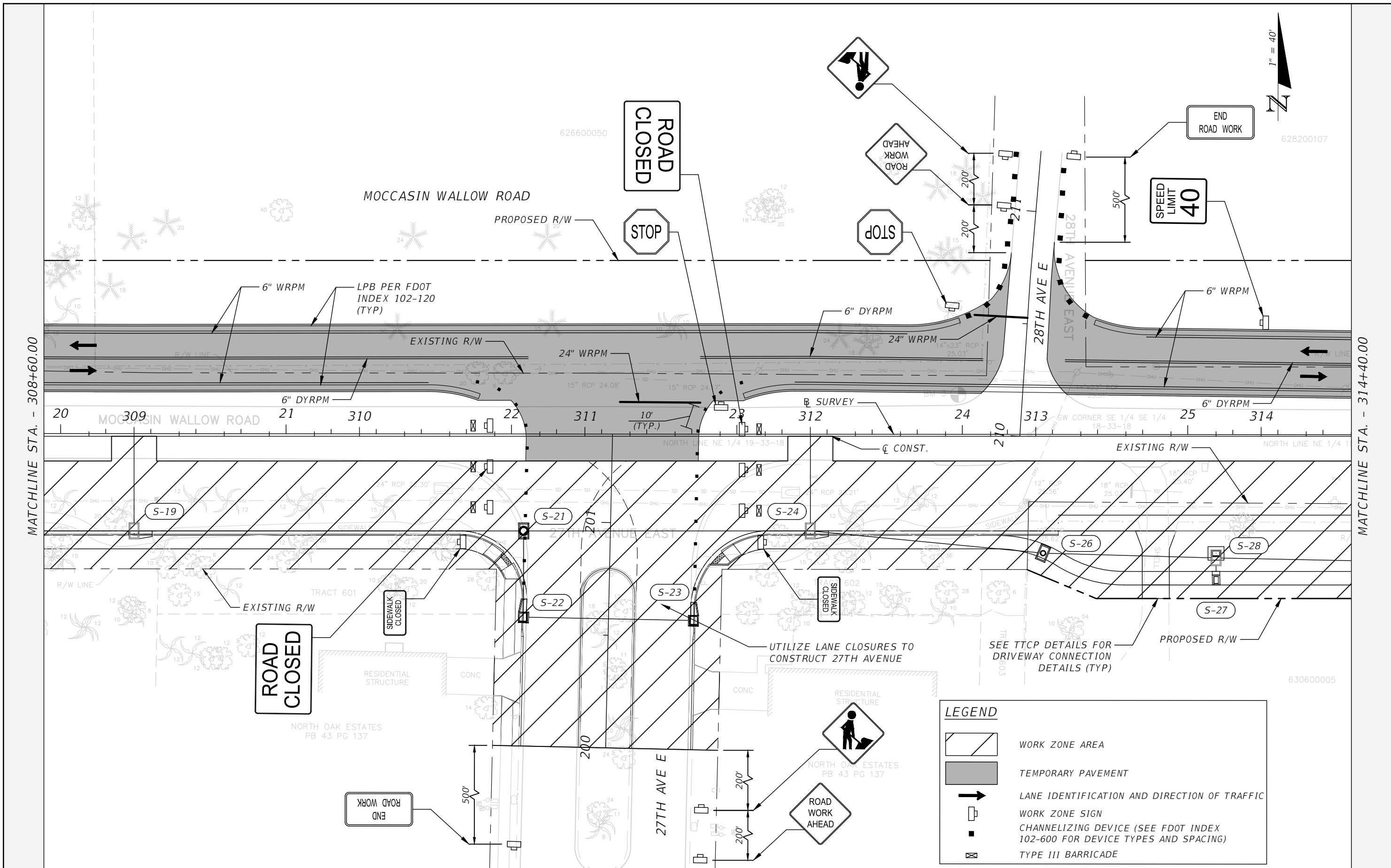
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

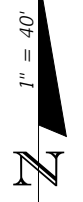
**TEMPORARY TRAFFIC CONTROL
PLAN (3) PHASE I**

SHEET NO.
245



MATCHLINE STA. - 308+60.00

MATCHLINE STA. - 314+40.00



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

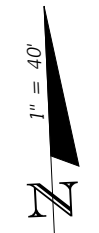
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (A) PHASE I**

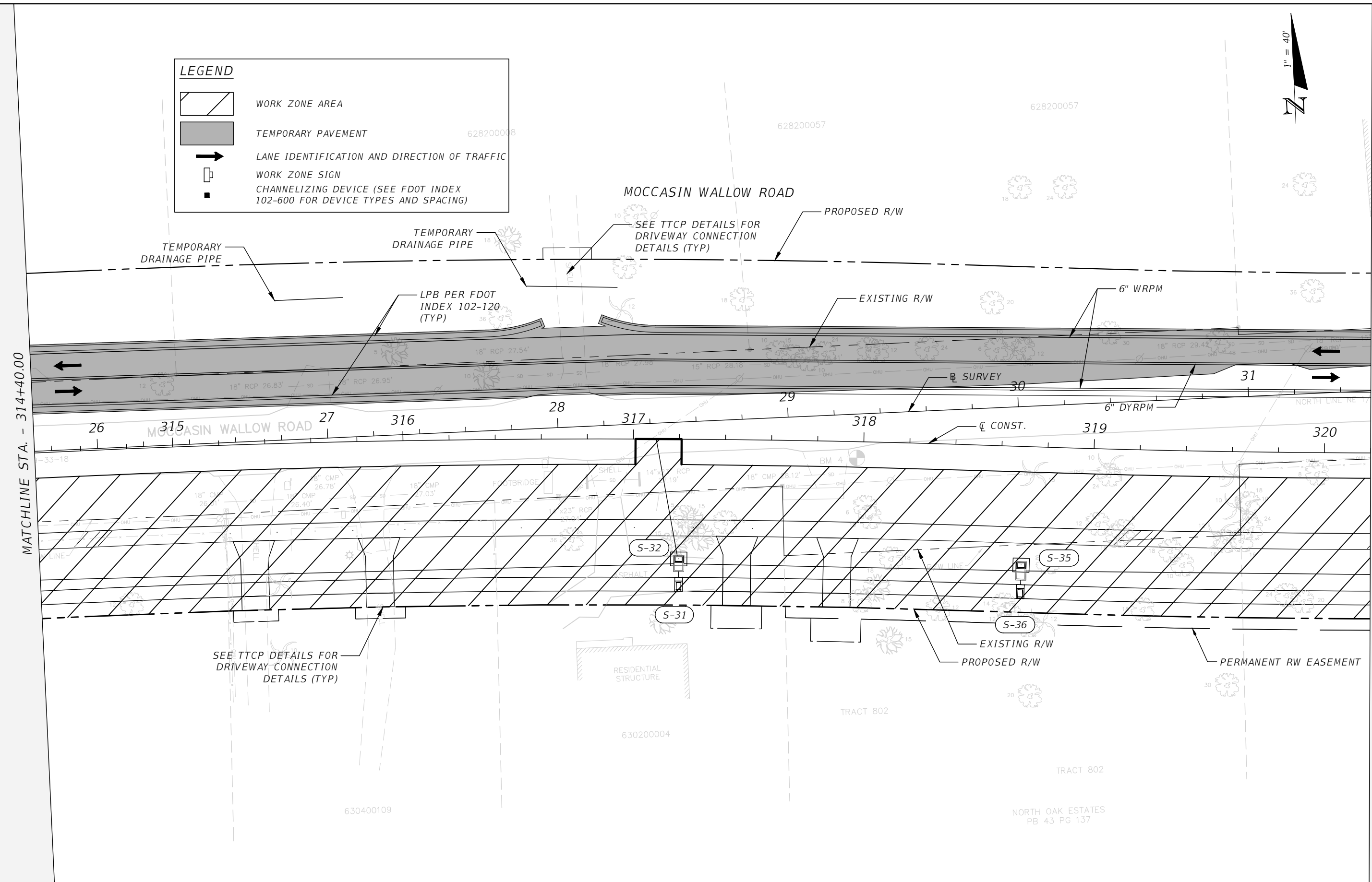
SHEET NO.
246

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



LEGEND

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

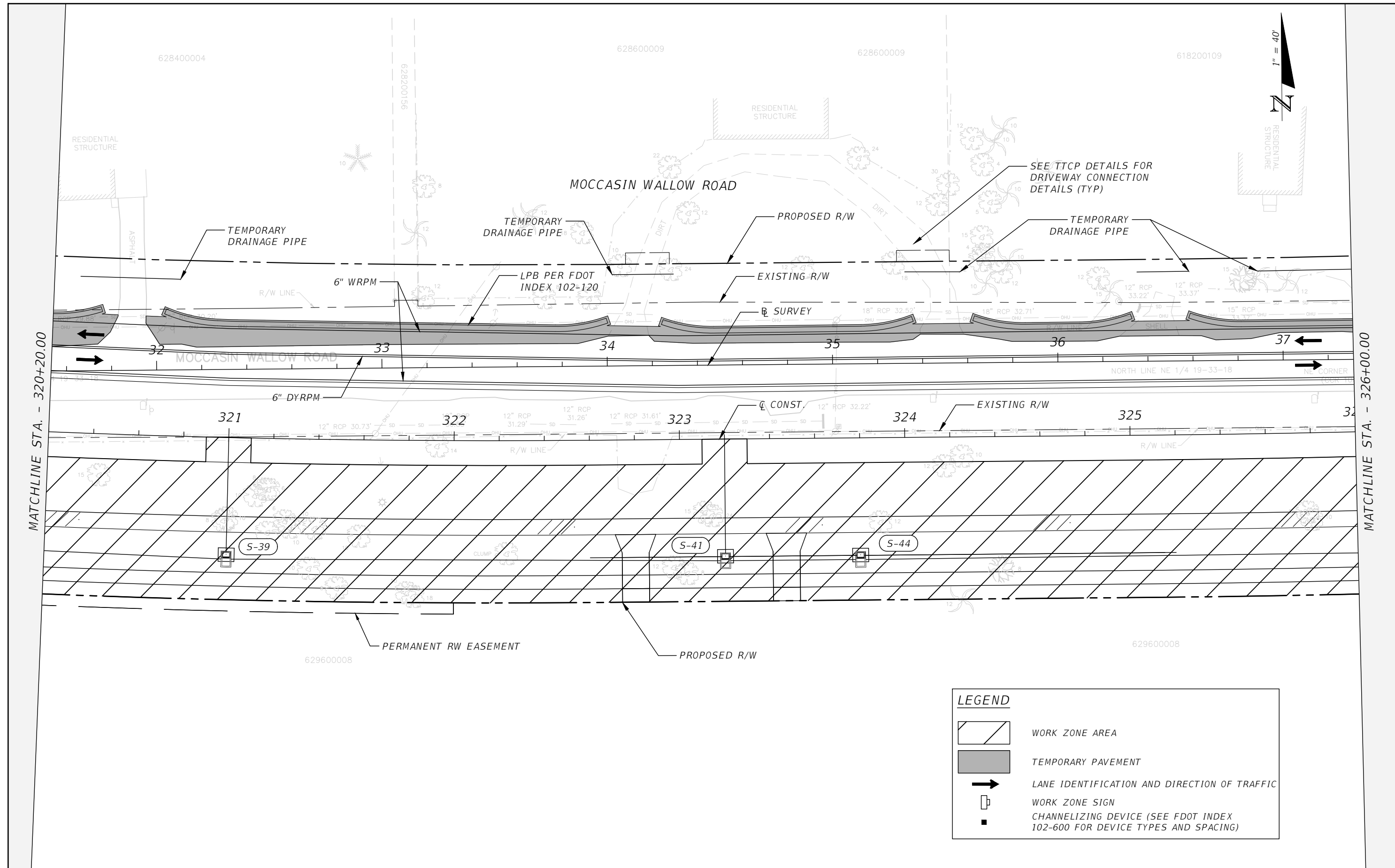
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (5) PHASE I**

SHEET NO. 247

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



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (6) PHASE I**

SHEET NO.
248

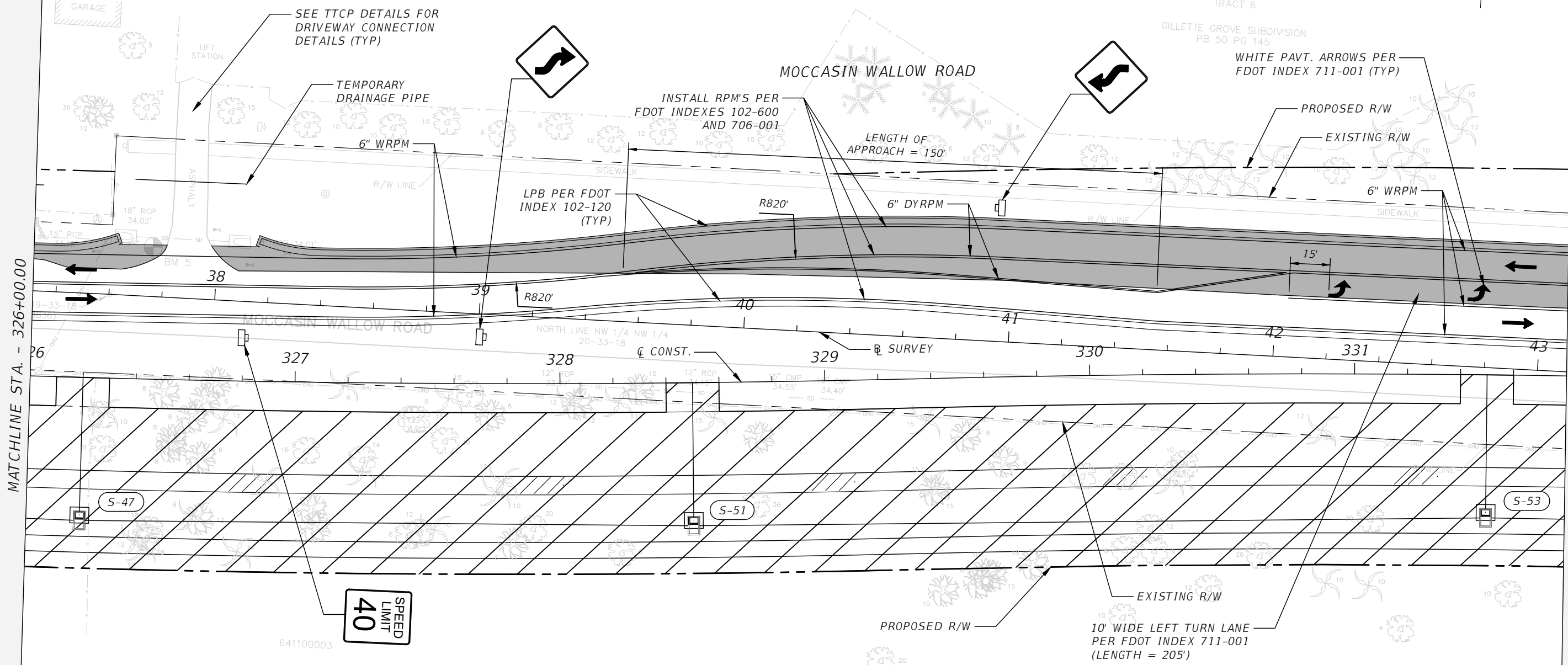
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TRACT 6
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

TRACT 6
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

MOCCASIN WALLOW ROAD



MATCHLINE STA. - 326+00.00

MATCHLINE STA. - 331+80.00

LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

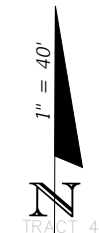
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (7) PHASE I**

SHEET NO.
249

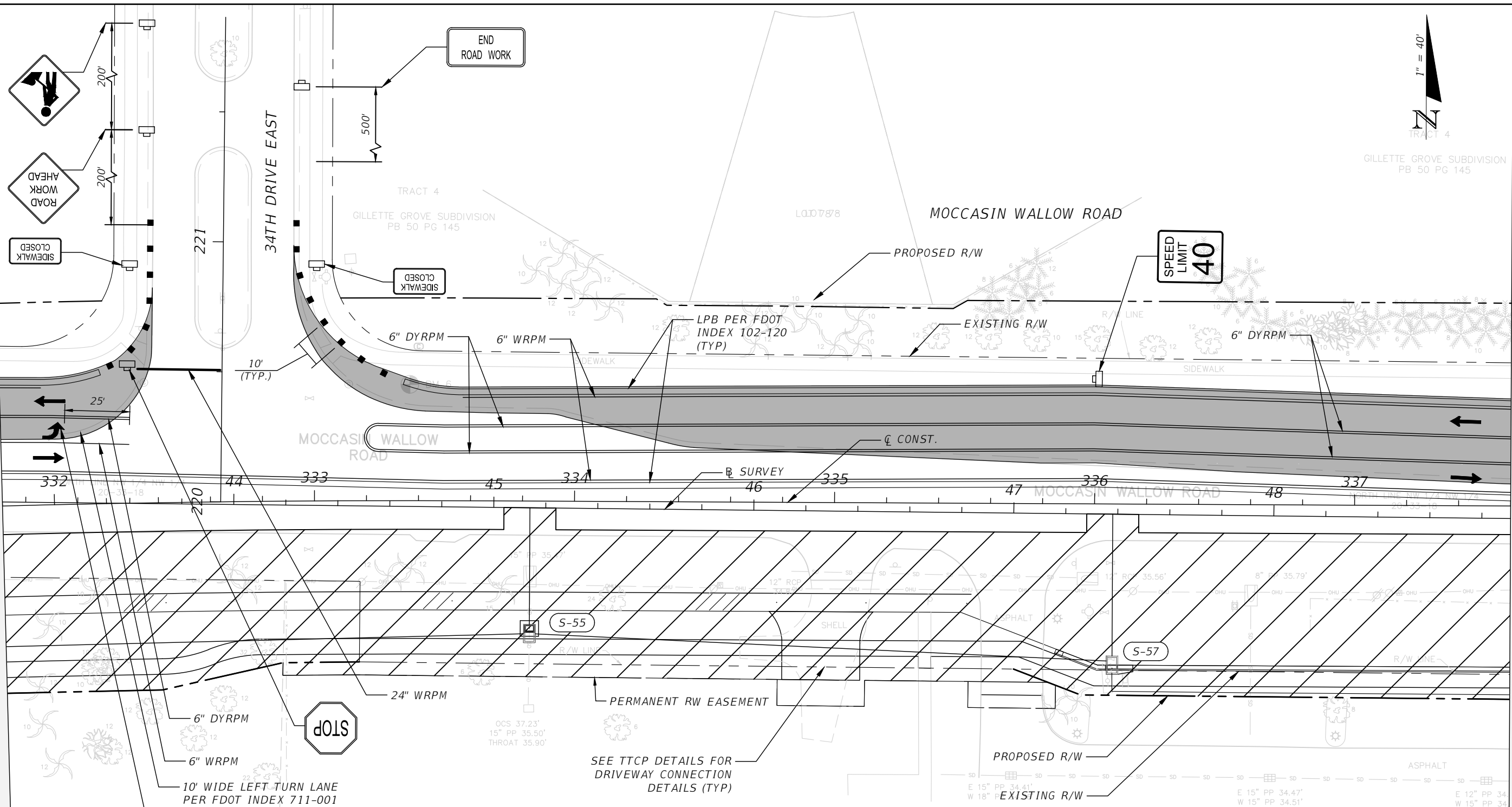
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



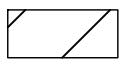




GILLETTE GROVE SUBDIVISION
PB 50 PG 145

MATCHLINE STA. - 331+80.00

MATCHLINE STA. - 337+60.00



LEGEND

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

10' WIDE LEFT TURN LANE
PER FDOT INDEX 711-001
(LENGTH = 205')

WHITE PAVT. ARROW PER
FDOT INDEX 711-001

SEE TTCP DETAILS FOR
DRIVEWAY CONNECTION
DETAILS (TYP)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

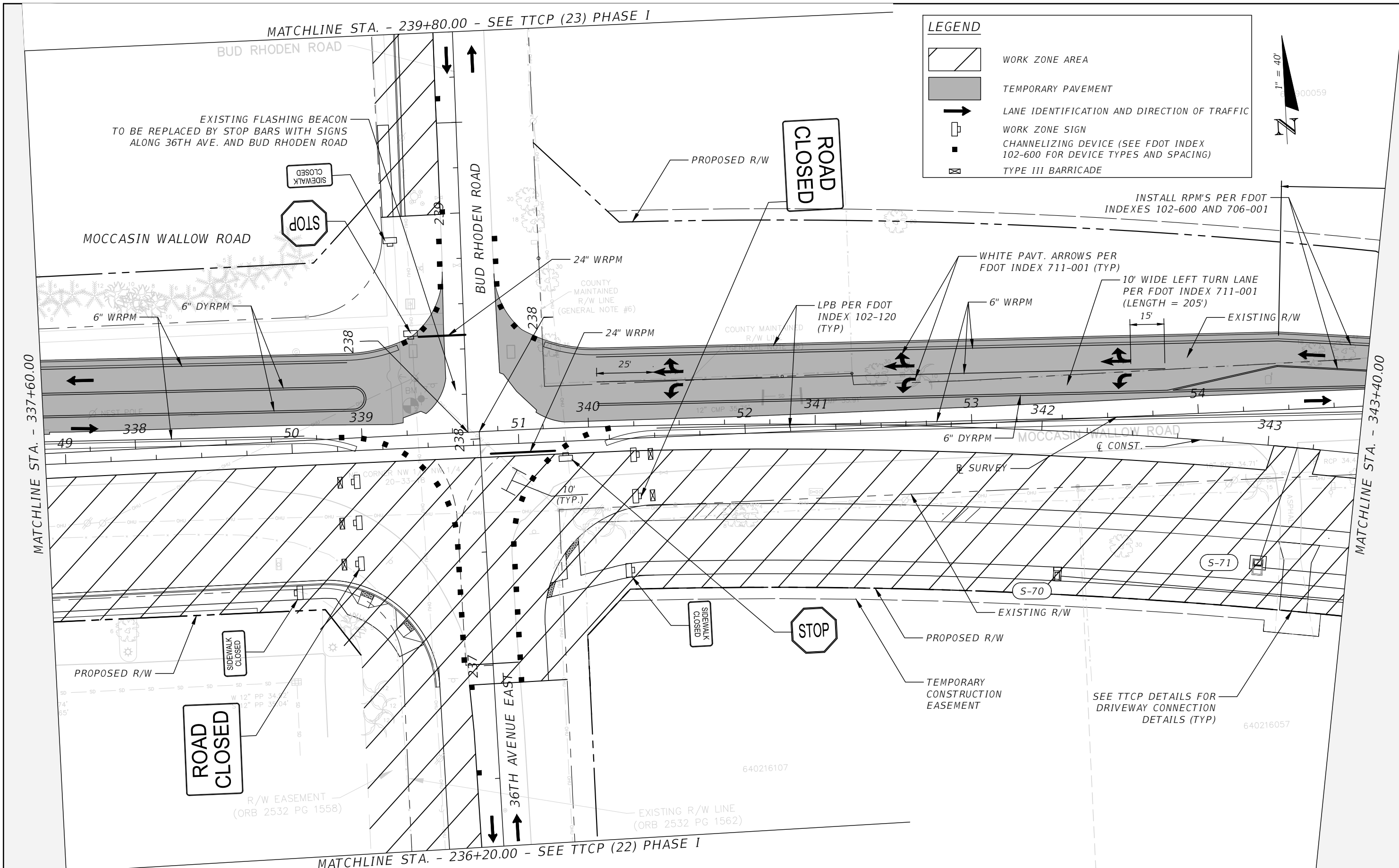
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (8) PHASE I**

SHEET NO.
250

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



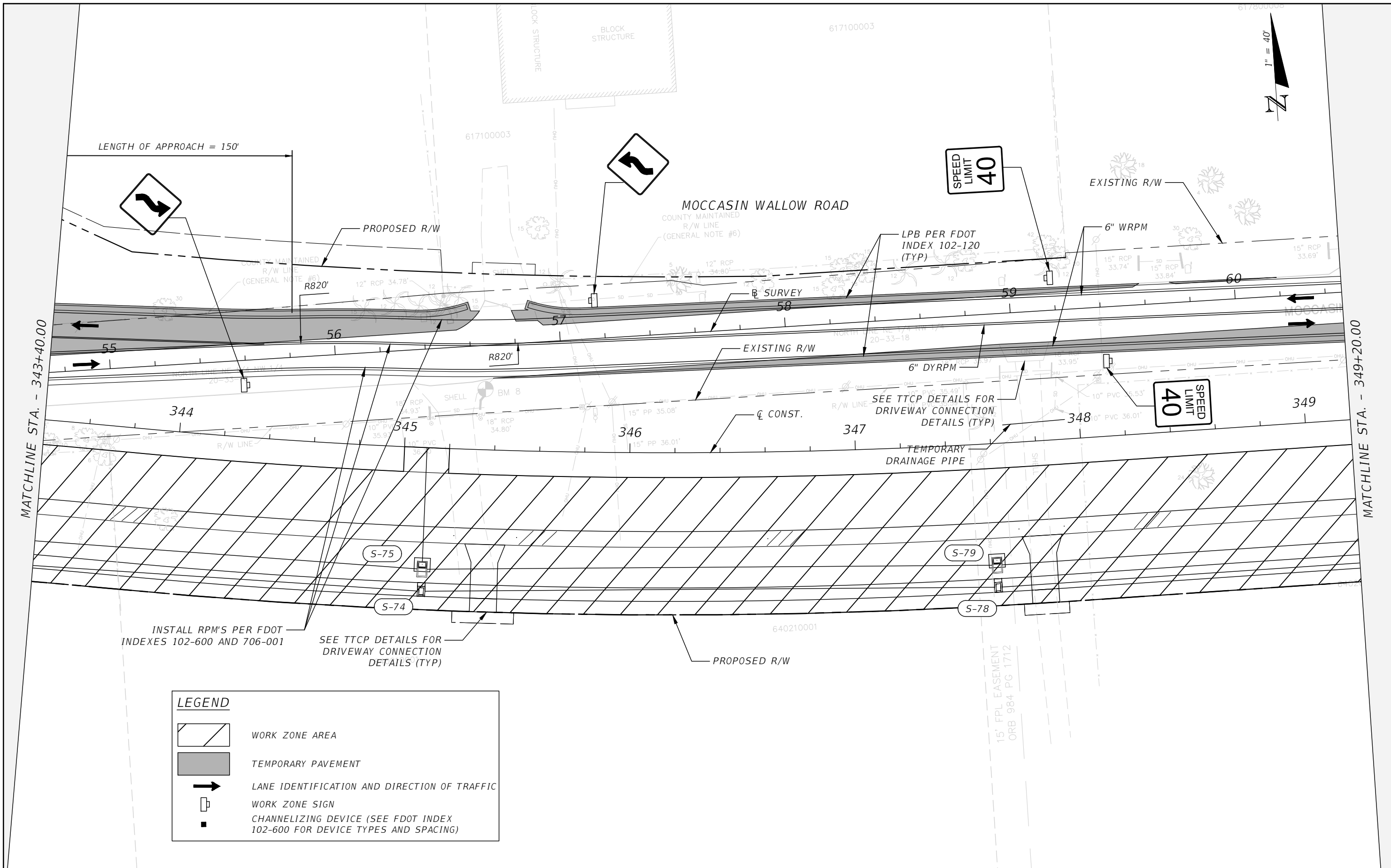
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (9) PHASE I**

SHEET NO.
251



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

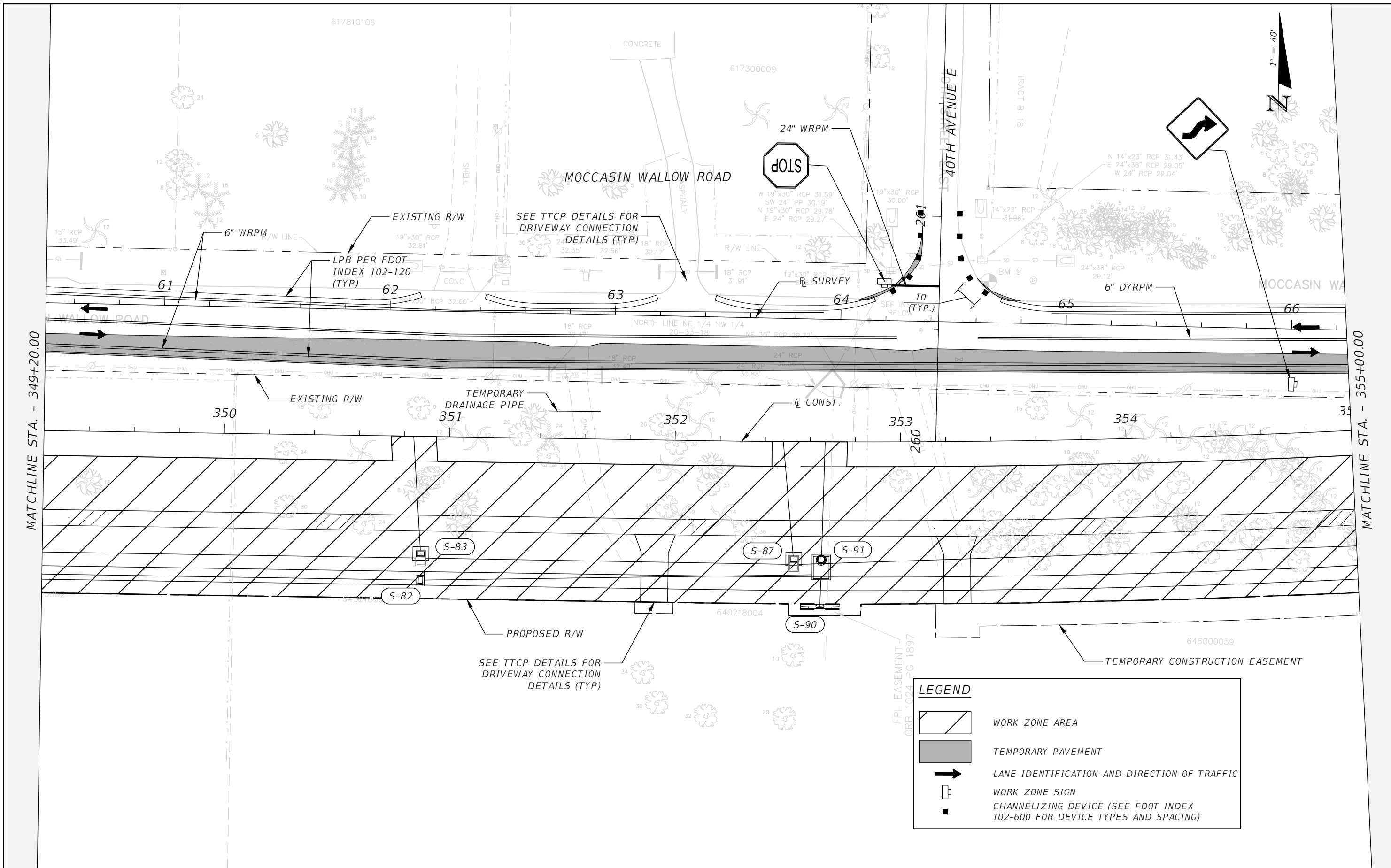
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (10) PHASE I**

SHEET NO.
252

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



MATCHLINE STA. - 349+20.00

MATCHLINE STA. - 355+00.00

LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

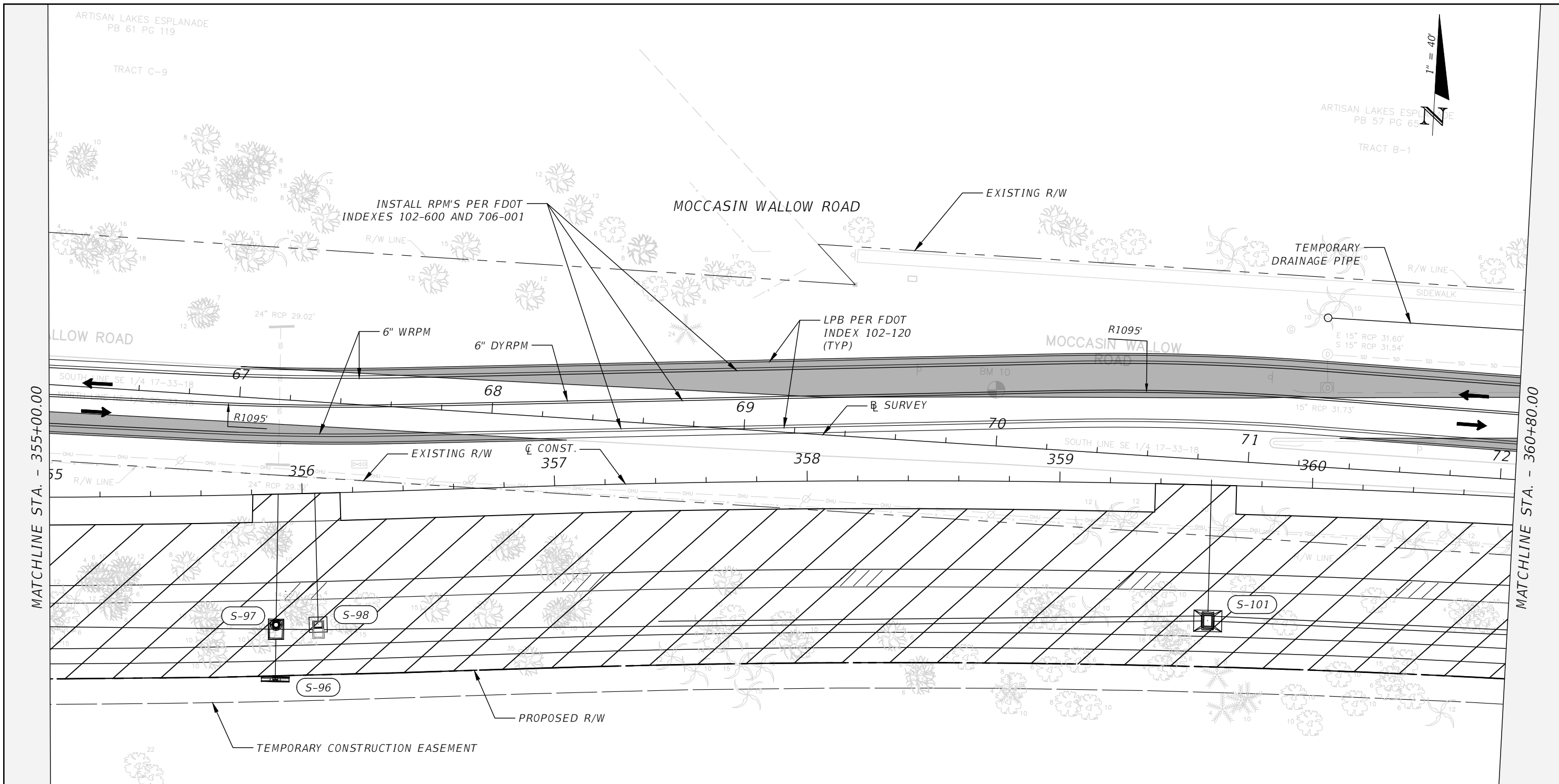
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (11) PHASE I**

SHEET NO.
253

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



ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-1



MATCHLINE STA. - 355+00.00

MATCHLINE STA. - 360+80.00

LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

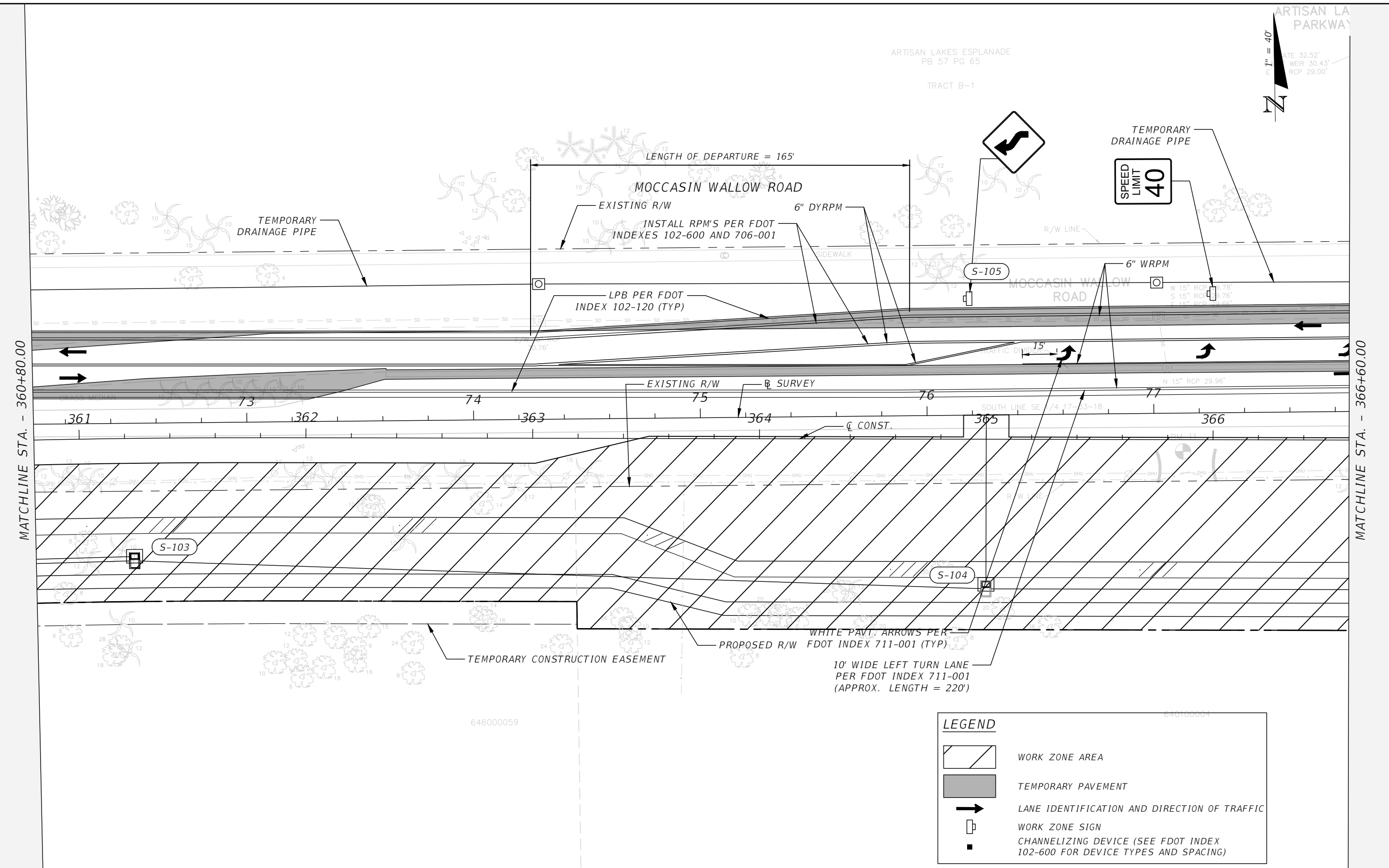
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (12) PHASE I**

SHEET NO.
254

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



MATCHLINE STA. - 360+80.00

MATCHLINE STA. - 366+60.00

LEGEND

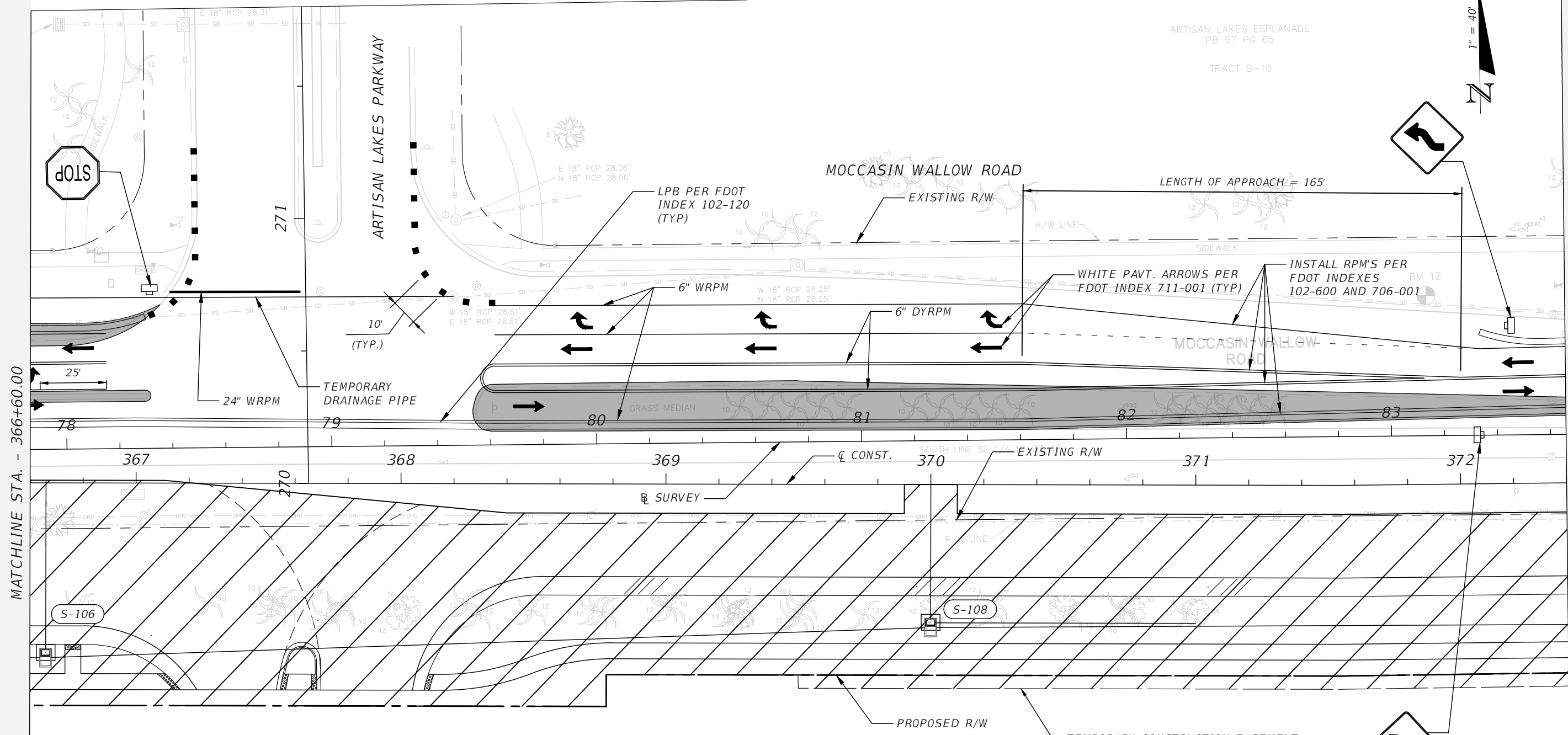
- WORK ZONE AREA
- TEMPORARY PAVEMENT
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (13) PHASE I	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		255
					MOCCASIN WALLOW RD	6092560		

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

MATCHLINE - STA 271+80.00 - SEE TTCP (24) PHASE I

ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10



MATCHLINE STA. - 366+60.00

MATCHLINE STA. - 372+40.00

LEGEND

	WORK ZONE AREA	640100004
	TEMPORARY PAVEMENT	
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC	
	WORK ZONE SIGN	
	CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (14) PHASE I**

SHEET NO.
256

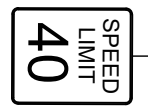
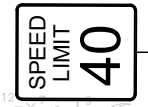
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10

MOCCASIN WALLOW ROAD

EXISTING R/W
R/W LINE



OCS
WEIR 28.77'
SE 19"x30" RCP 27.40'

OCS
BOTTOM 24.92'

TEMPORARY
DRAINAGE PIPE

19"x30" RCP
26.00' 6" WRPM

INSTALL RPM'S PER
FDOT INDEXES
102-600 AND 706-001

LPB PER FDOT
INDEX 102-120
(TYP)

6" DYRPM

W 18" RCP 26.13'
BOTTOM 25.35'

SURVEY

MOCCASIN WALLOW
ROAD

84

85

86

87

88

89

373

374

375

376

377

378

EXISTING R/W

CONST.

SOUTH LINE SE 1/4 17-33-18

FPL EASEMENT
ORB 967 900395

S-112

S-110

S-113

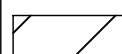


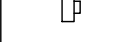

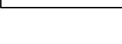
PROPOSED R/W

PERMANENT RW EASEMENT



SEE TTCP DETAILS FOR
DRIVEWAY CONNECTION
DETAILS (TYP)

LEGEND

-  640100004
WORK ZONE AREA
-  TEMPORARY PAVEMENT
-  LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
-  WORK ZONE SIGN
-  CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
-  TYPE III BARRICADE

MATCHLINE STA. - 372+40.00

MATCHLINE STA. - 378+20.00

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (15) PHASE I**

SHEET NO.
257



610900519

TRACT C-6

ARTISAN LAKES ESPLANADE
PB 57 PG 65

TRACT G

MOCCASIN WALLOW ROAD

LENGTH OF APPROACH AND DEPARTURE = 165'

INSTALL RPM'S PER
FDOT INDEXES
102-600 AND 706-001

EXISTING R/W

R/W LINE

6" DYRPM

LPB PER FDOT
INDEX 102-120
(TYP)

SURVEY

15'

TRAFFIC DIVIDER

90

91

92

93

94

95

SOUTH LINE SW 1/4 16-33-18
CONST.

379

380

381

382

383

384

MOCCASIN WALLOW
ROAD

6" WPRM

MATCHLINE STA. - 378+20.00

MATCHLINE STA. - 384+00.00

S-117

S-119

S-121

S-117A






SEE TTCP DETAILS FOR
DRIVEWAY CONNECTION
DETAILS (TYP)

PERMANENT RW EASEMENT

PROPOSED R/W

WHITE PAVT. ARROW PER
FDOT INDEX 711-001 (TYP)

LEGEND

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

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

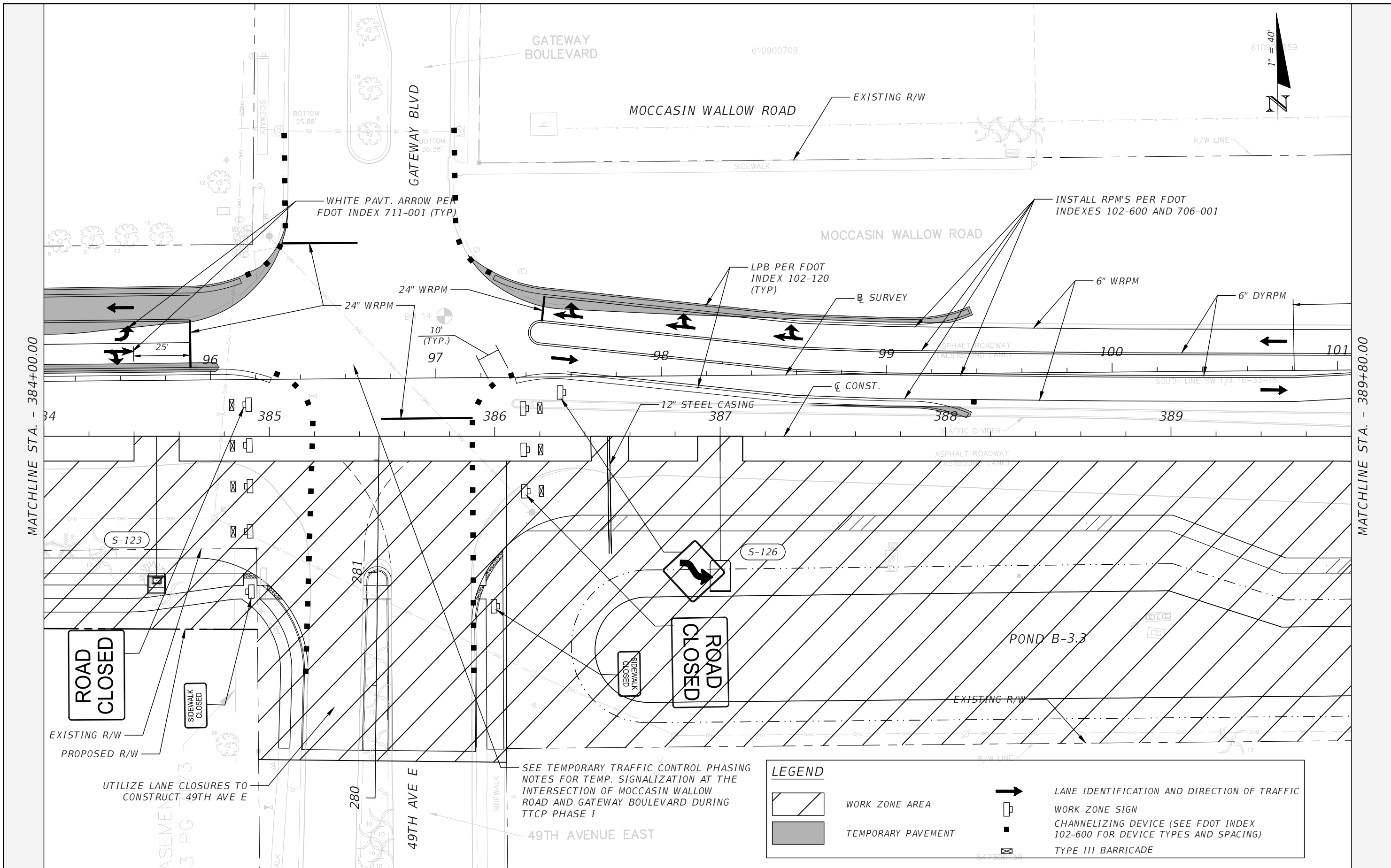
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (16) PHASE I**

SHEET NO.
258

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



MATCHLINE STA. - 384+00.00

MATCHLINE STA. - 389+80.00



ROAD CLOSED

SIDEWALK CLOSED

SIDEWALK CLOSED

ROAD CLOSED

LEGEND

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

SEE TEMPORARY TRAFFIC CONTROL PHASING NOTES FOR TEMP. SIGNALIZATION AT THE INTERSECTION OF MOCCASIN WALLOW ROAD AND GATEWAY BOULEVARD DURING TTCP PHASE I

UTILIZE LANE CLOSURES TO CONSTRUCT 49TH AVE E

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (17) PHASE I**

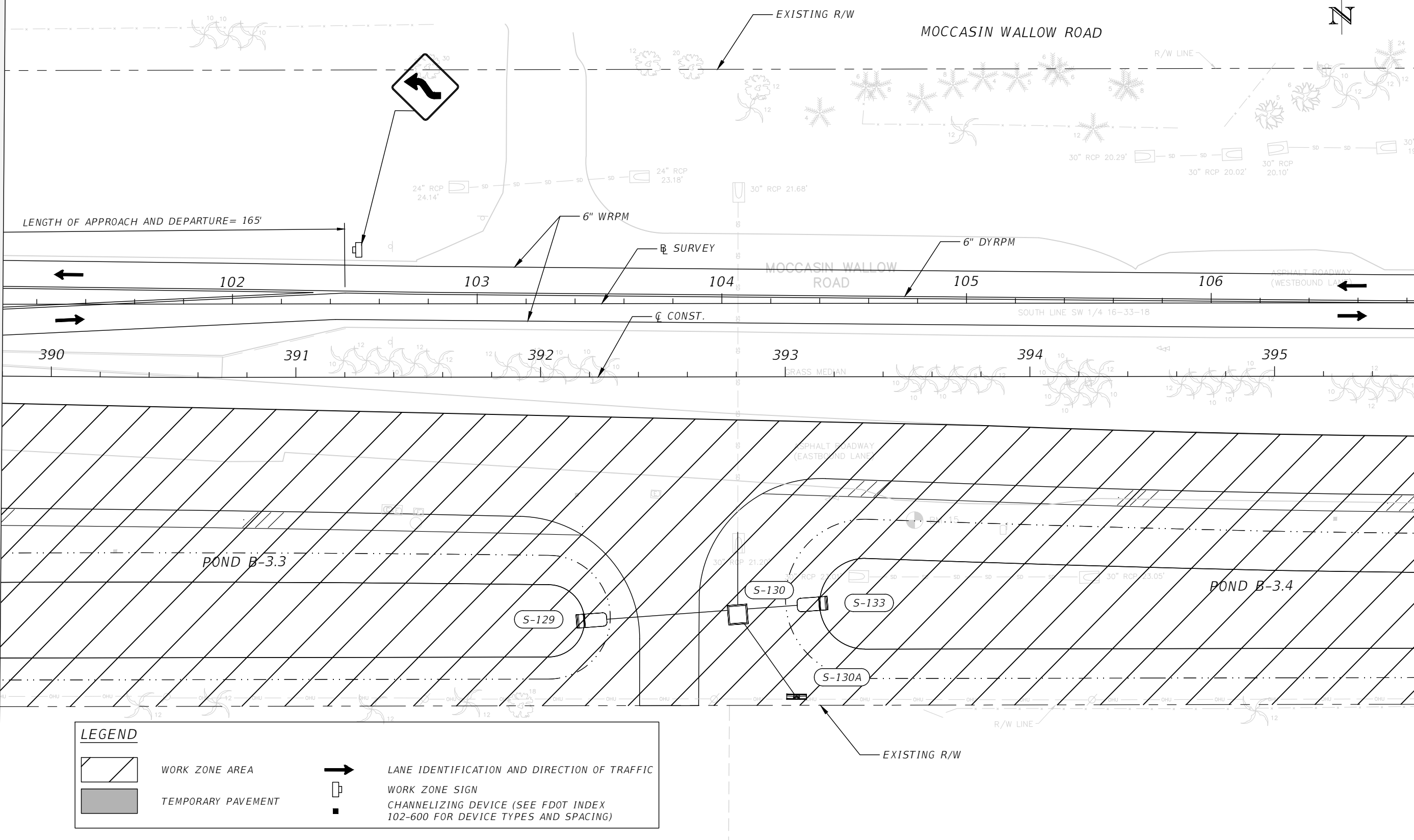
SHEET NO. 259

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



MATCHLINE STA. - 389+80.00

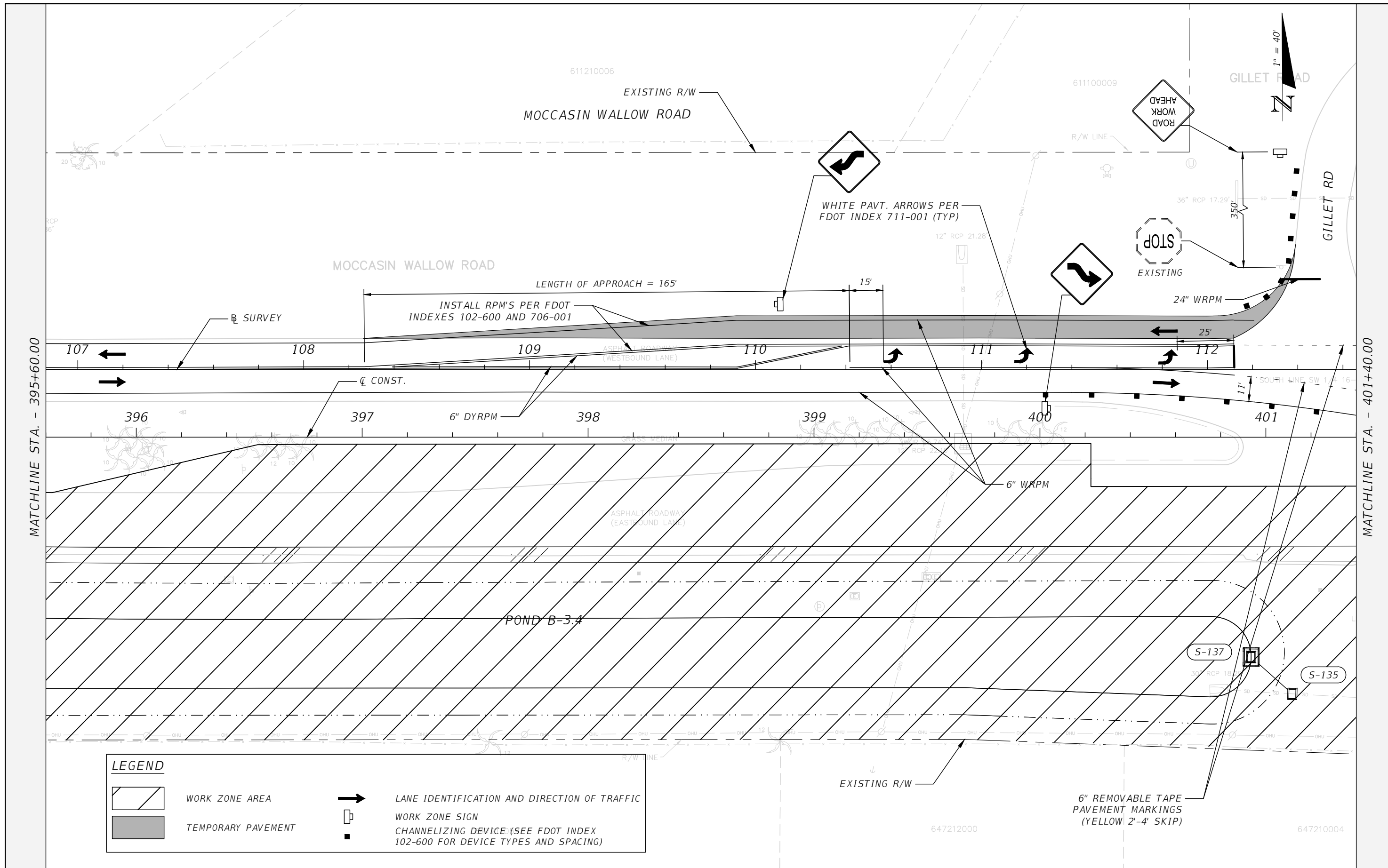
MATCHLINE STA. - 395+60.00



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

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (18) PHASE I	SHEET NO. 260
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
					MOCCASIN WALLOW RD	6092560		

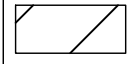




THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 395+60.00

MATCHLINE STA. - 401+40.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

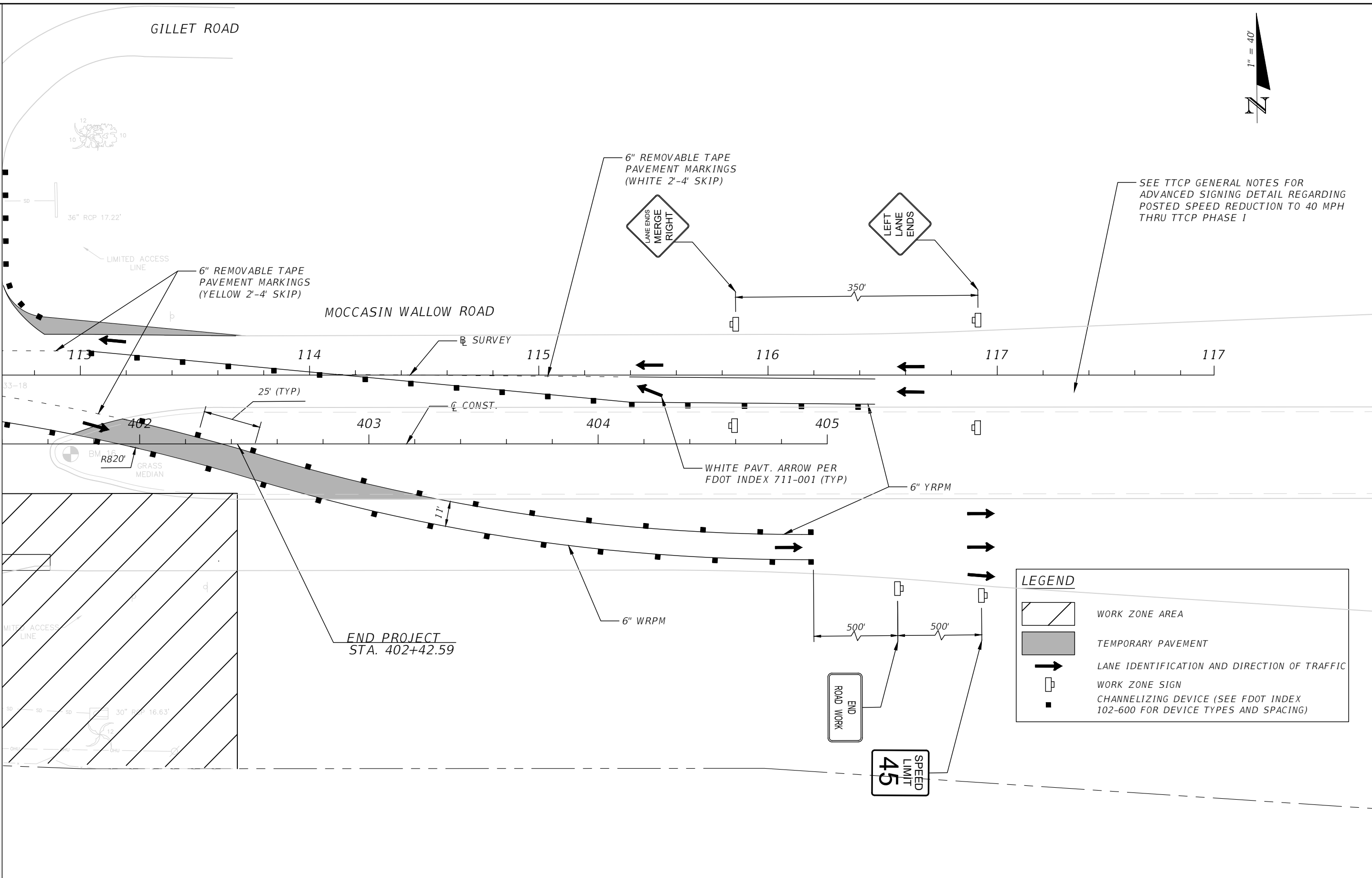
	WORK ZONE AREA		LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	TEMPORARY PAVEMENT		WORK ZONE SIGN
			CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915		MANATEE COUNTY ROAD NO. MOCCASIN WALLOW RD PROJECT ID 6092560		TEMPORARY TRAFFIC CONTROL PLAN (19) PHASE I		SHEET NO. 261
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	----------------------------------------------------------------------------	--	-----------------------------------------------------------------	--	------------------

GILLET ROAD



MATCHLINE STA. - 401+40.00



LEGEND

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

SEE TTCP GENERAL NOTES FOR
ADVANCED SIGNING DETAIL REGARDING
POSTED SPEED REDUCTION TO 40 MPH
THRU TTCP PHASE I

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

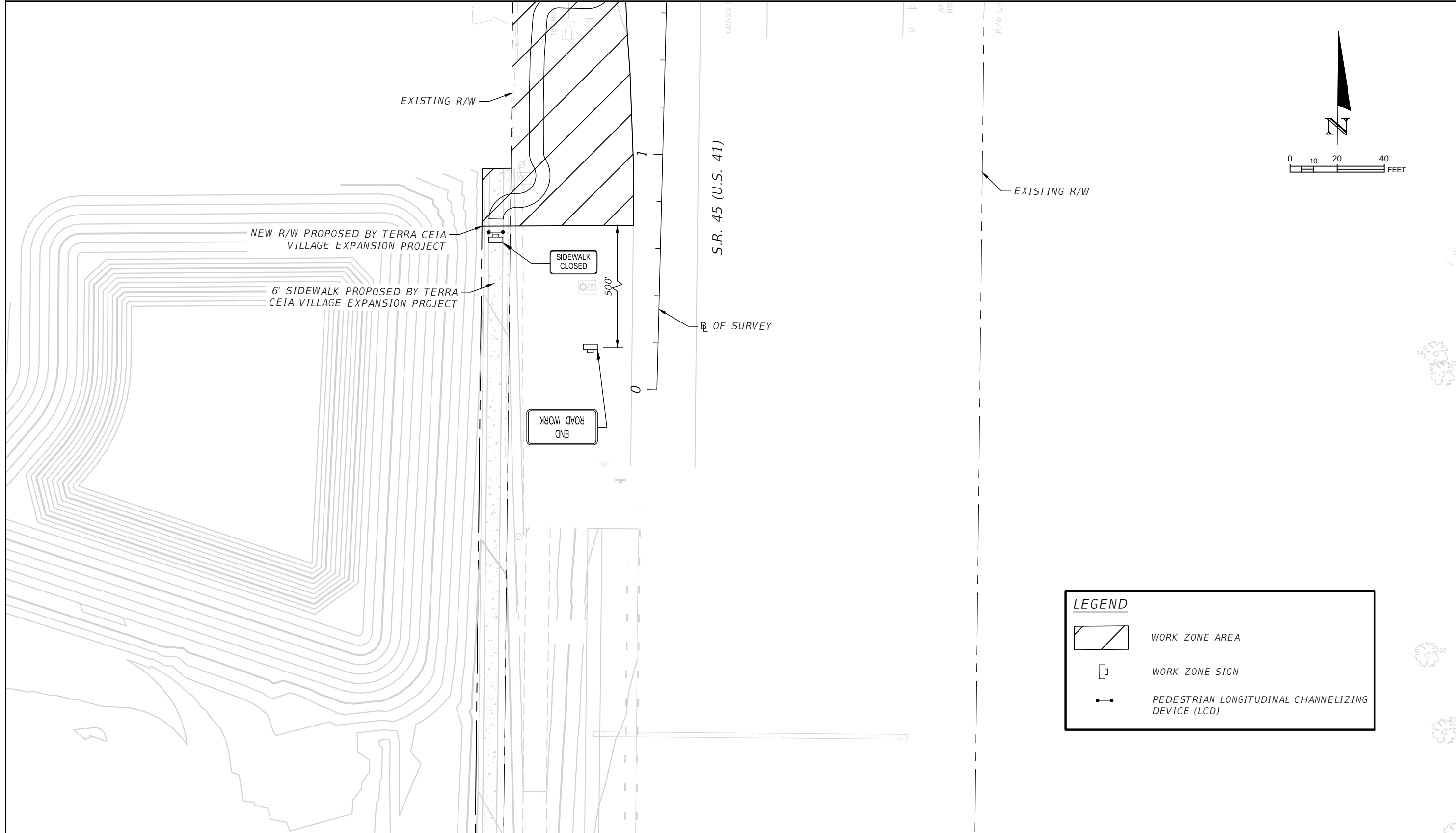
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

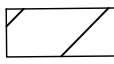


**TEMPORARY TRAFFIC CONTROL
PLAN (20) PHASE I**

SHEET NO.
262

MATCHLINE - STA 1+65.00 - SEE TTCP (2) PHASE I



LEGEND

-  WORK ZONE AREA
-  WORK ZONE SIGN
-  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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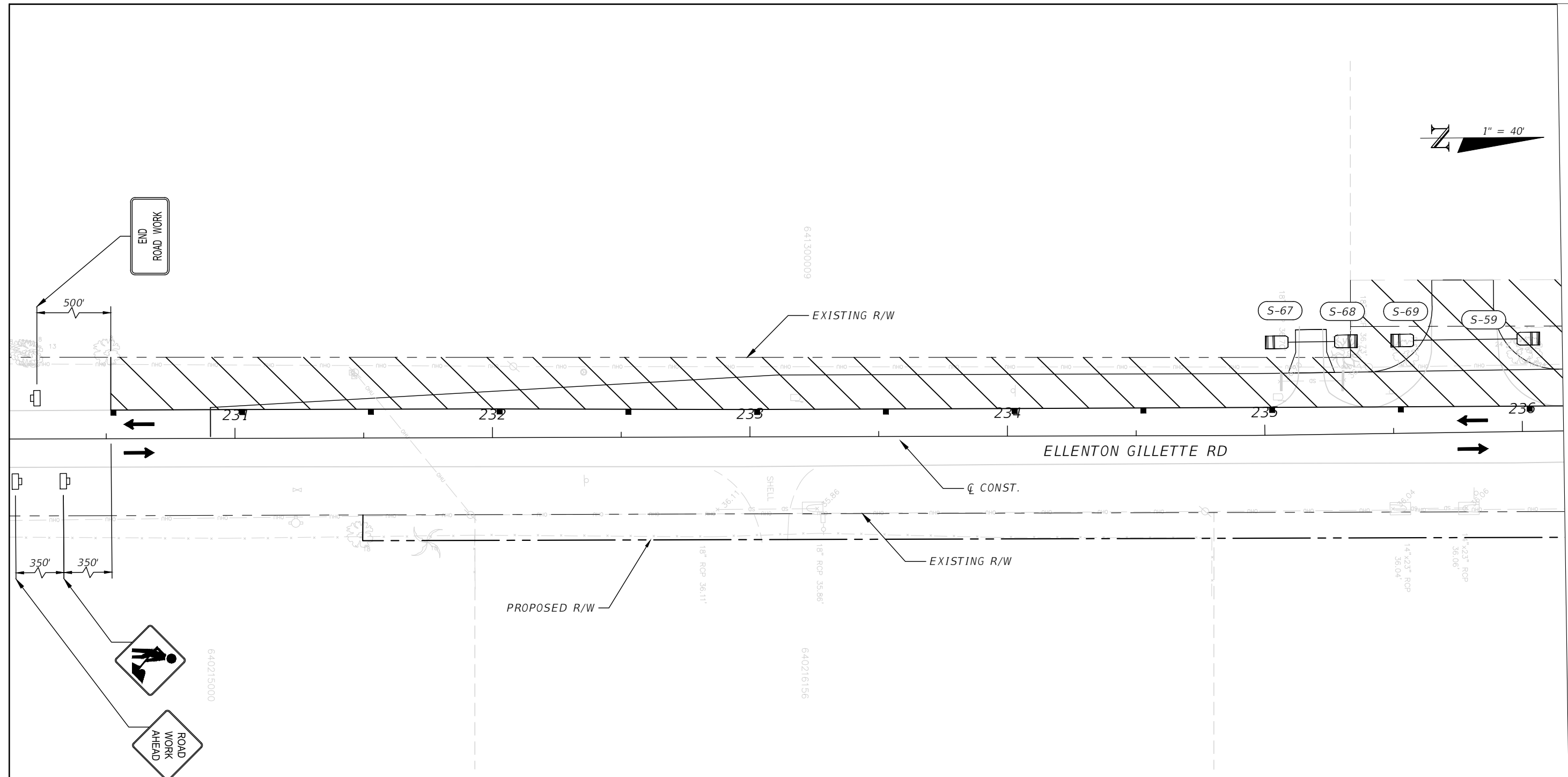
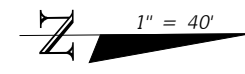
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (21) PHASE I**

SHEET NO.
 263

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



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

MATCHLINE STA. - 236+20.00 - SEE TTCP (9) PHASE I

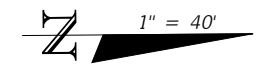
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (22) PHASE I	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		264
---	---	---	---		MOCCASIN WALLOW RD	6092560		

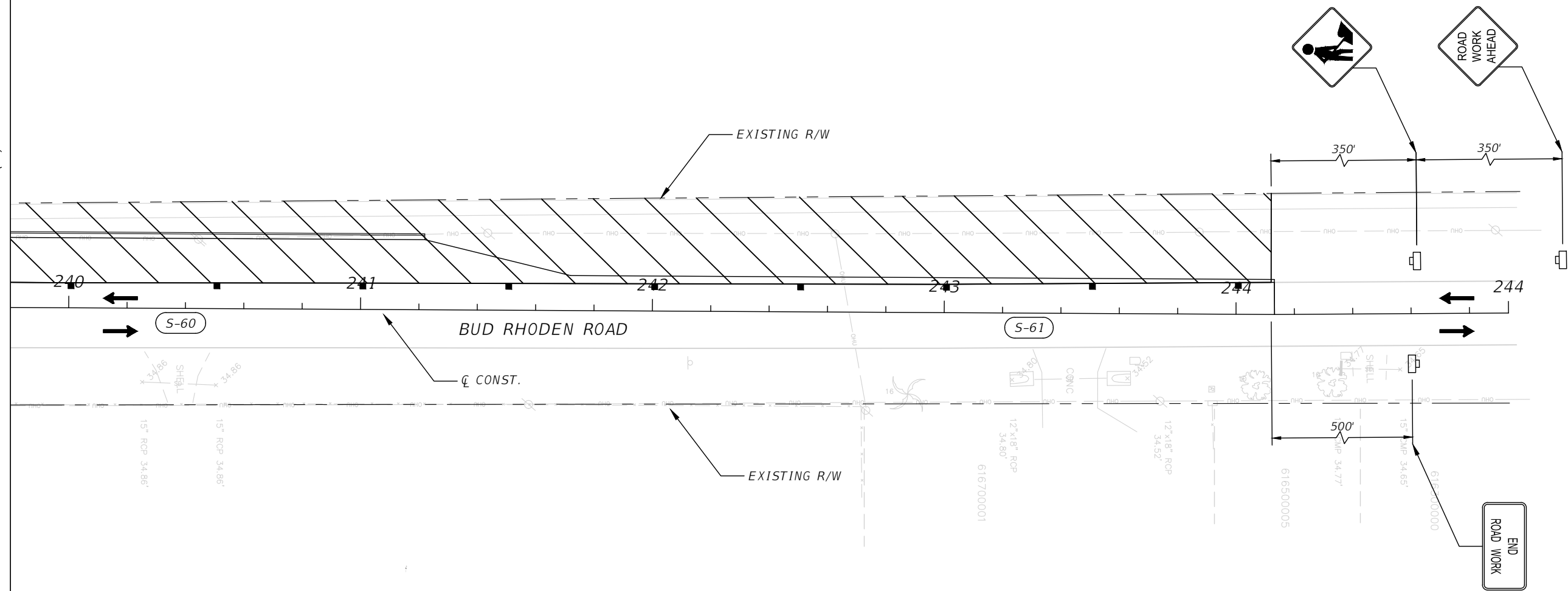
Jesus Rosado

4/6/2022 2:34:04 PM

J:\00193\00193012.01\ACAD\dwg\0000000000\Roadway\TCDSRD01.dwg



MATCHLINE STA. - 239+80.00 - SEE TTCP (9) PHASE I



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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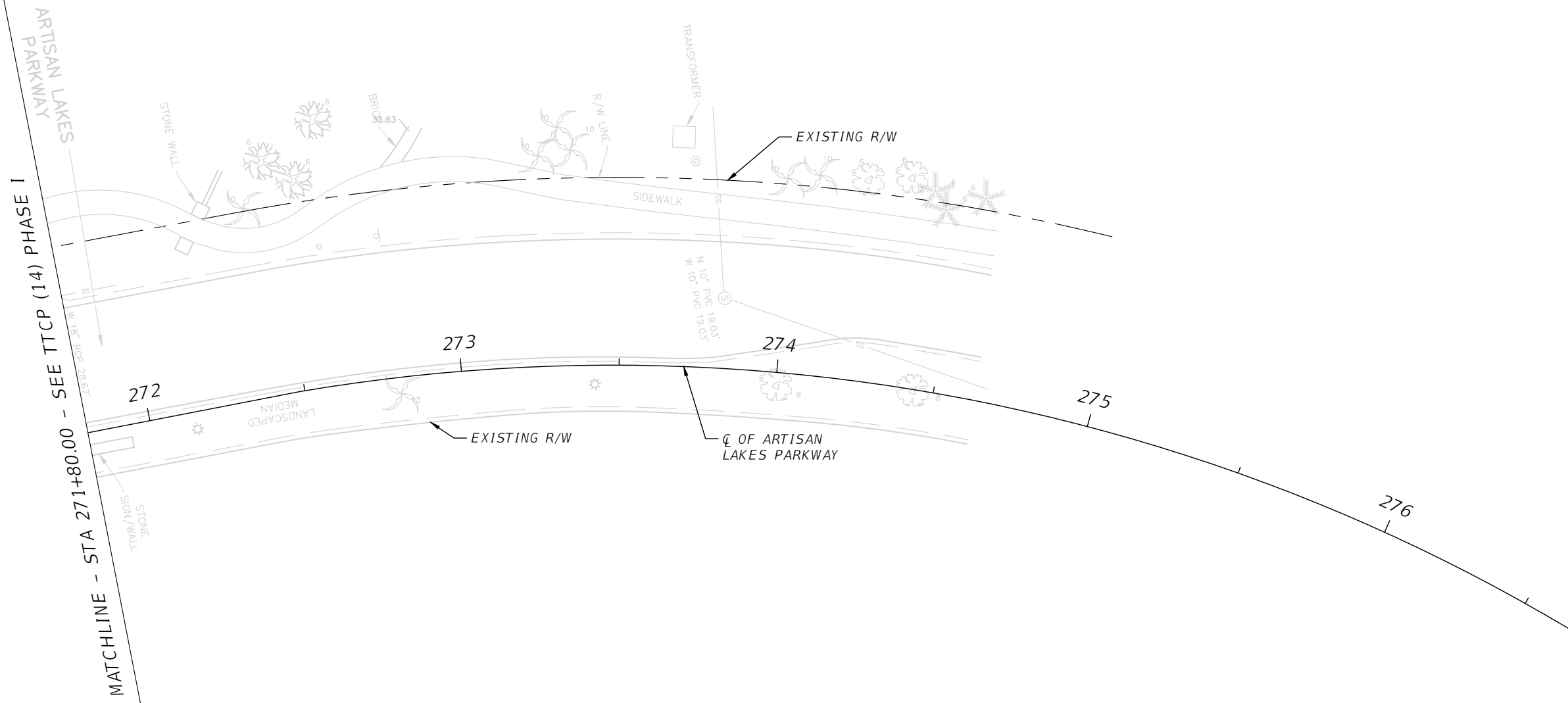
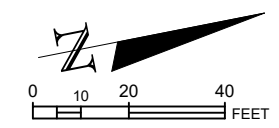
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (23) PHASE I**

SHEET NO.
265

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



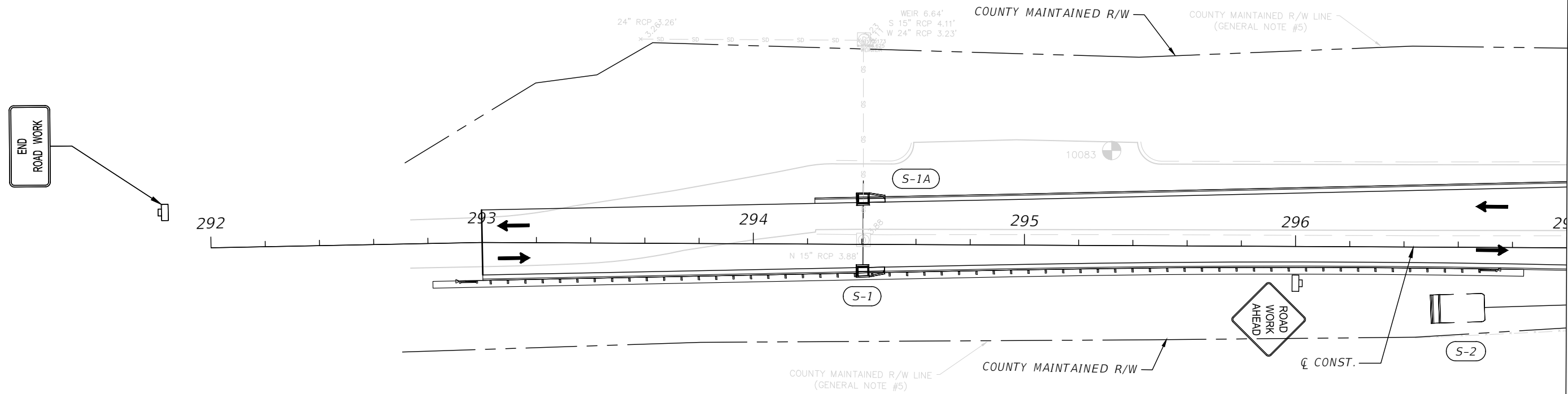
ARTISAN LAKES PARKWAY

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (24) PHASE I	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		266
---	---	---	---		MOCCASIN WALLOW RD	6092560		

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



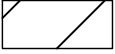





BISHOP HARBOR RD



END ROAD WORK

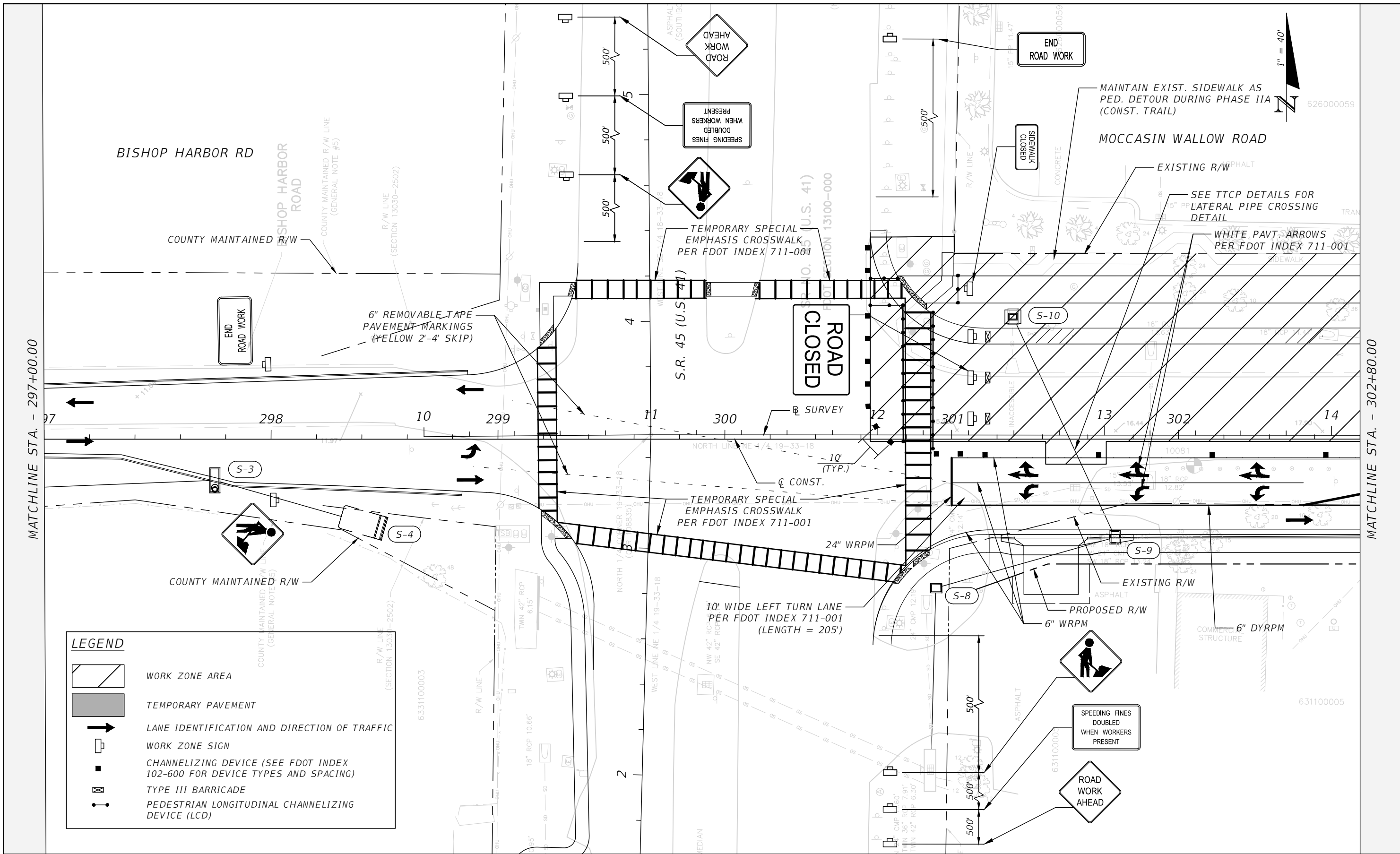
MATCHLINE STA. - 297+00.00

LEGEND

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

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (1) PHASE II	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		267
---	---	---	---		MOCCASIN WALLOW RD	6092560		

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



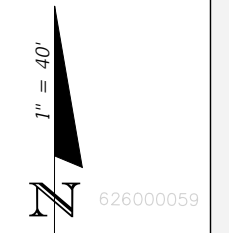
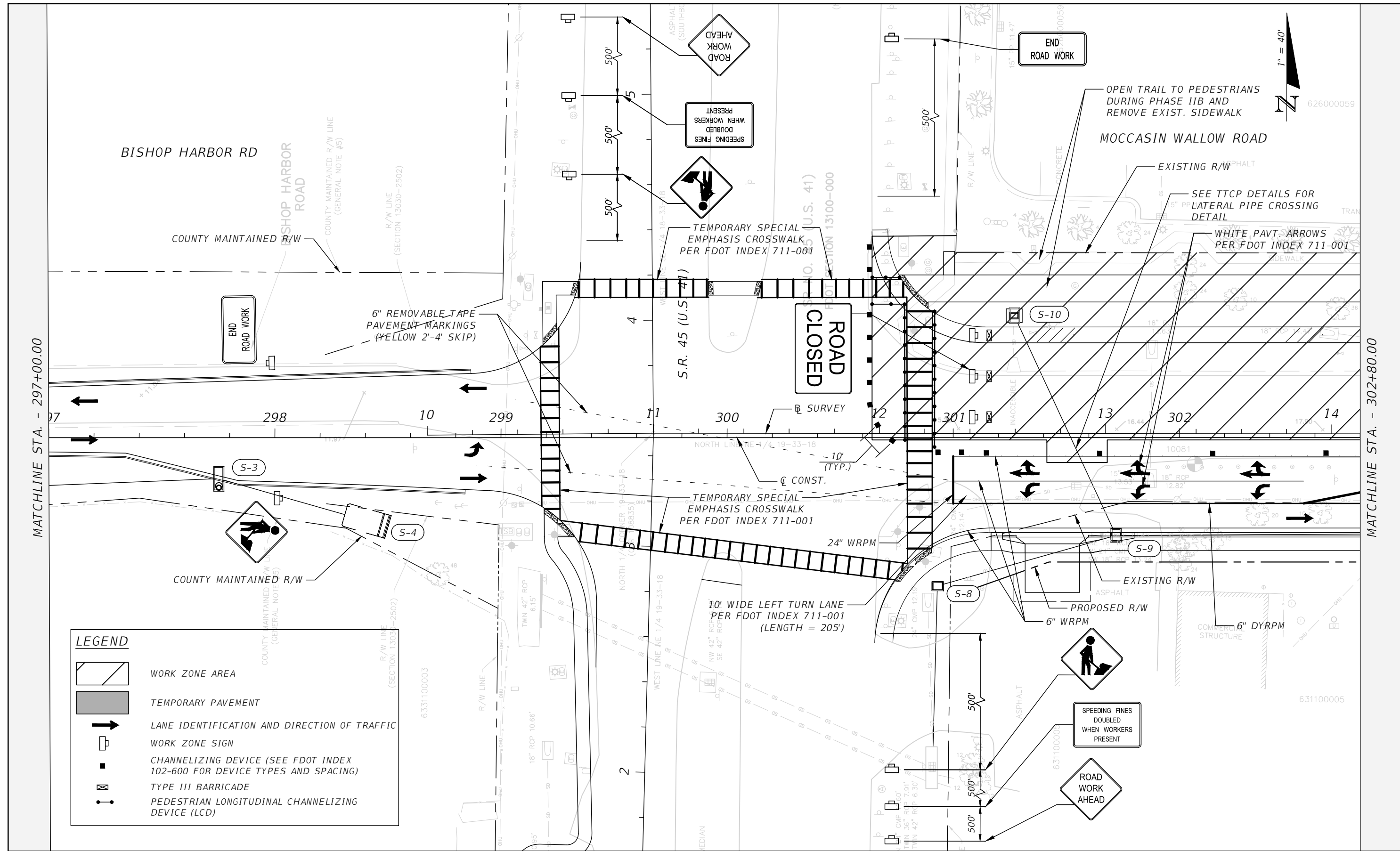
LEGEND

	WORK ZONE AREA
	TEMPORARY PAVEMENT
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	WORK ZONE SIGN
	CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
	TYPE III BARRICADE
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

MATCHLINE - STA 1+65.00 - SEE TTCP (21) PHASE II

<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	DESCRIPTION	DATE	DESCRIPTION					<p>JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915</p>	<p>MANATEE COUNTY</p> <table border="1"> <tr> <td>ROAD NO.</td> <td>PROJECT ID</td> </tr> <tr> <td>MOCCASIN WALLOW RD</td> <td>6092560</td> </tr> </table>	ROAD NO.	PROJECT ID	MOCCASIN WALLOW RD	6092560	<p>TEMPORARY TRAFFIC CONTROL PLAN (2) PHASE IIA</p>	<p>SHEET NO. 268</p>
DATE	DESCRIPTION	DATE	DESCRIPTION														
ROAD NO.	PROJECT ID																
MOCCASIN WALLOW RD	6092560																

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



LEGEND	
	WORK ZONE AREA
	TEMPORARY PAVEMENT
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	WORK ZONE SIGN
	CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
	TYPE III BARRICADE
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

MATCHLINE - STA 1+65.00 - SEE TTCP (21) PHASE II

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (2) PHASE IIB	SHEET NO. 269
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		

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



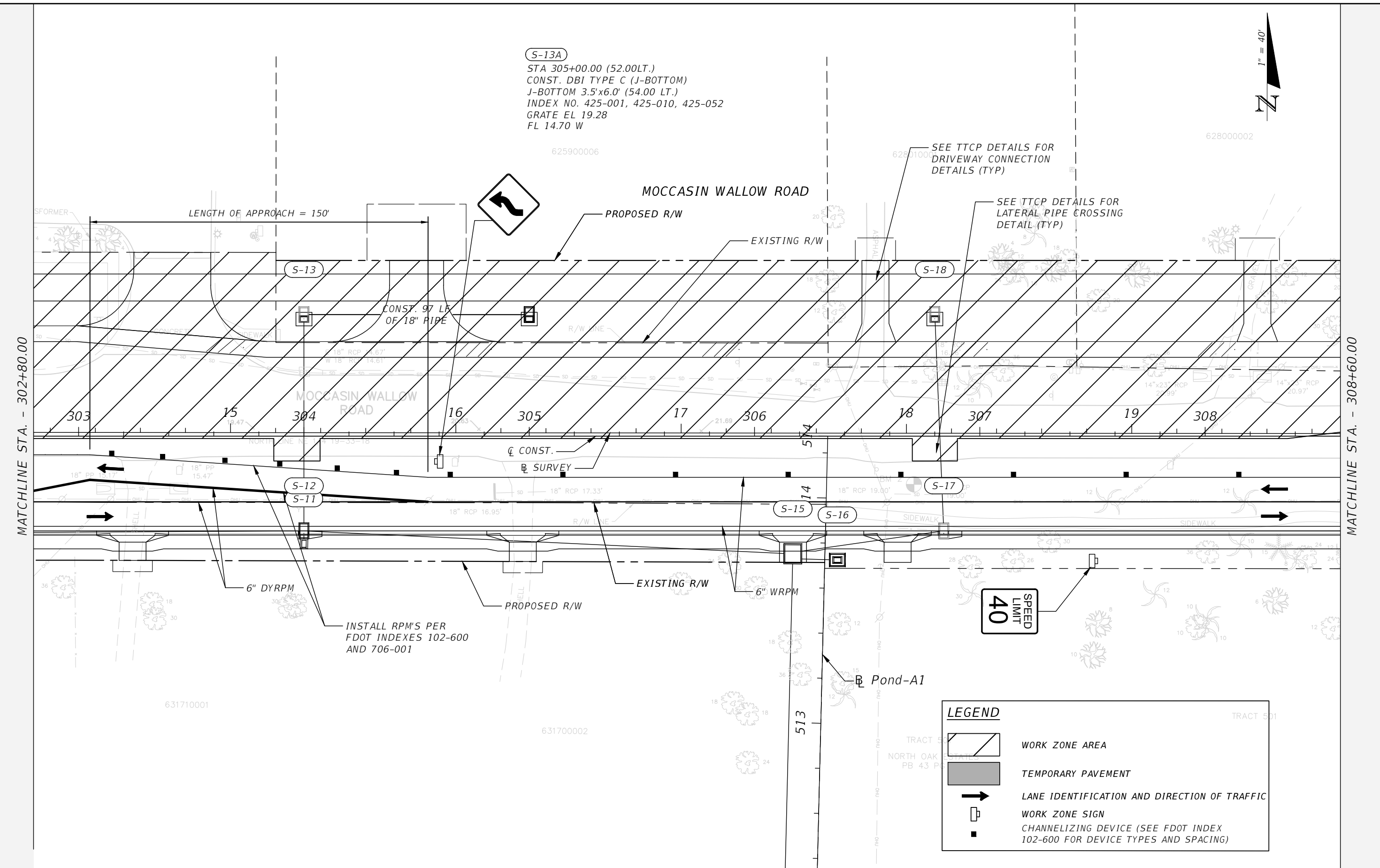
S-13A
 STA 305+00.00 (52.00LT.)
 CONST. DBI TYPE C (J-BOTTOM)
 J-BOTTOM 3.5'x6.0' (54.00 LT.)
 INDEX NO. 425-001, 425-010, 425-052
 GRATE EL 19.28
 FL 14.70 W

628000002

625900006

SEE TTCP DETAILS FOR DRIVEWAY CONNECTION DETAILS (TYP)

SEE TTCP DETAILS FOR LATERAL PIPE CROSSING DETAIL (TYP)



MATCHLINE STA. - 302+80.00

MATCHLINE STA. - 308+60.00

40
SPEED LIMIT

LEGEND

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

INSTALL RPM'S PER FDOT INDEXES 102-600 AND 706-001

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

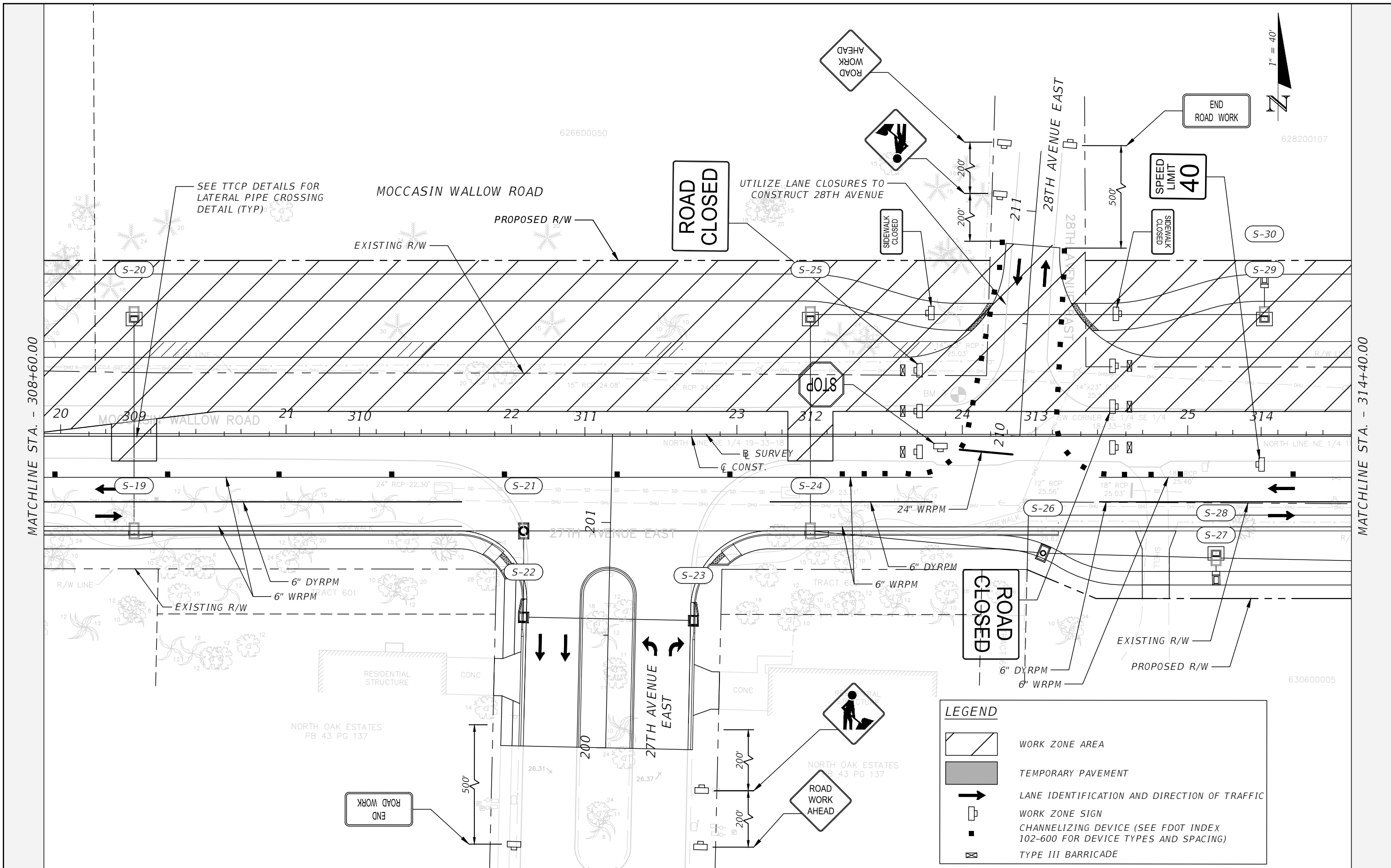
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (3) PHASE II**

SHEET NO.
270

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



MATCHLINE STA. - 308+60.00

MATCHLINE STA. - 314+40.00

LEGEND	
	WORK ZONE AREA
	TEMPORARY PAVEMENT
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	WORK ZONE SIGN
	CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
	TYPE III BARRICADE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

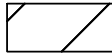




MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

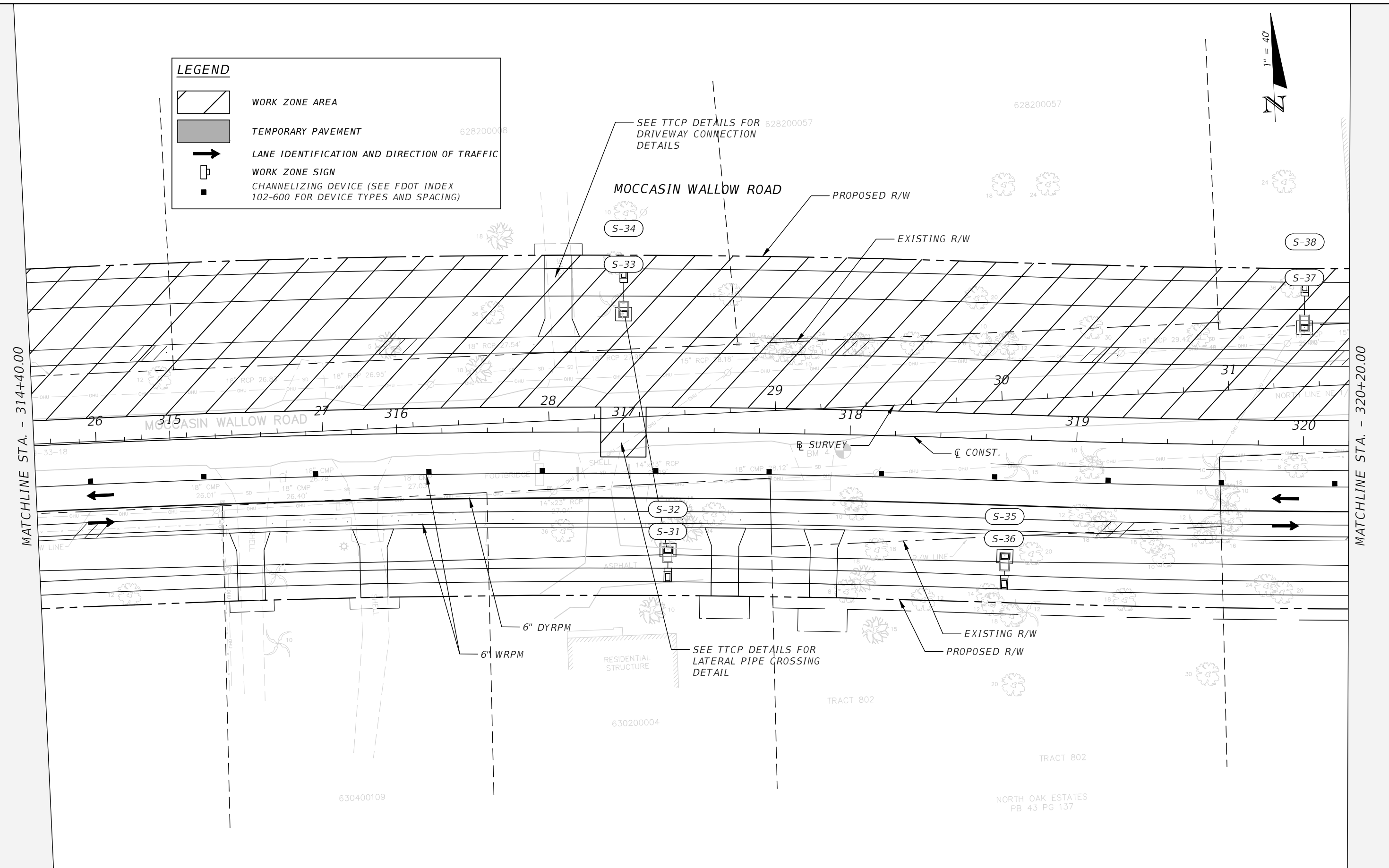
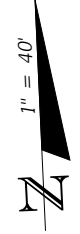
**TEMPORARY TRAFFIC CONTROL
 PLAN (4) PHASE II**

SHEET NO.
271

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

LEGEND

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

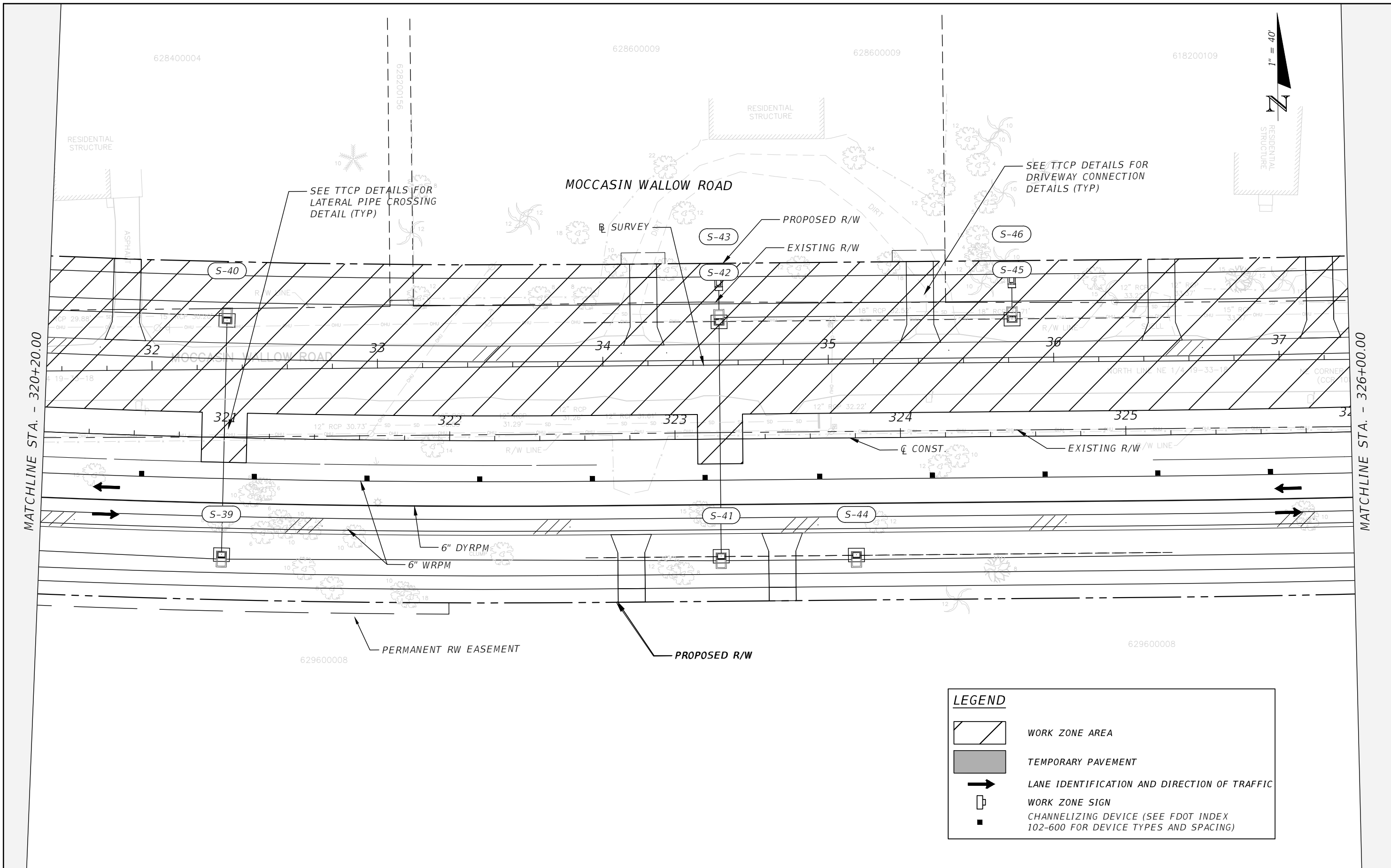
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (5) PHASE II**

SHEET NO.
272

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



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (6) PHASE II**

SHEET NO.
273

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



TRACT 6
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

TRACT 6
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

MOCCASIN WALLOW ROAD

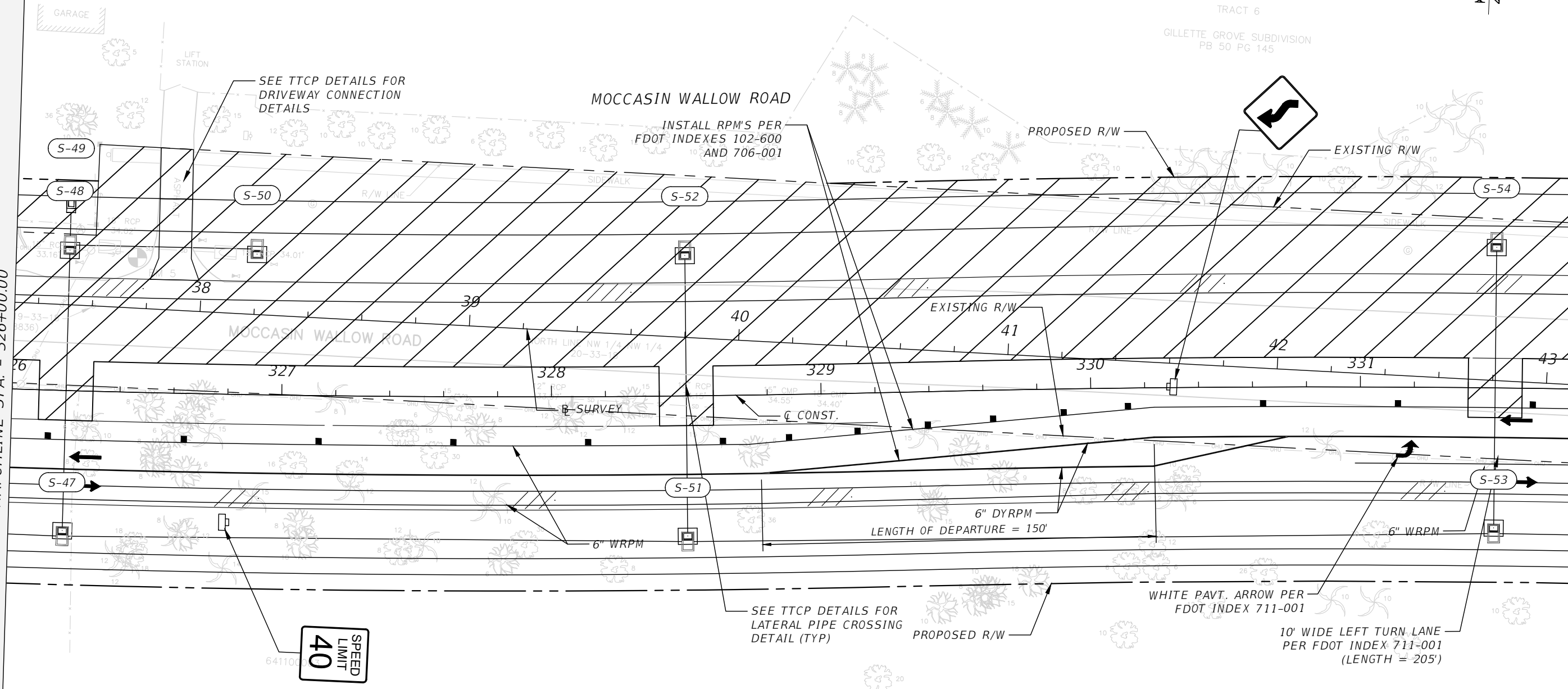
INSTALL RPM'S PER
FDOT INDEXES 102-600
AND 706-001

PROPOSED R/W

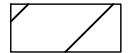




EXISTING R/W

MATCHLINE STA. - 326+00.00

MATCHLINE STA. - 331+80.00



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

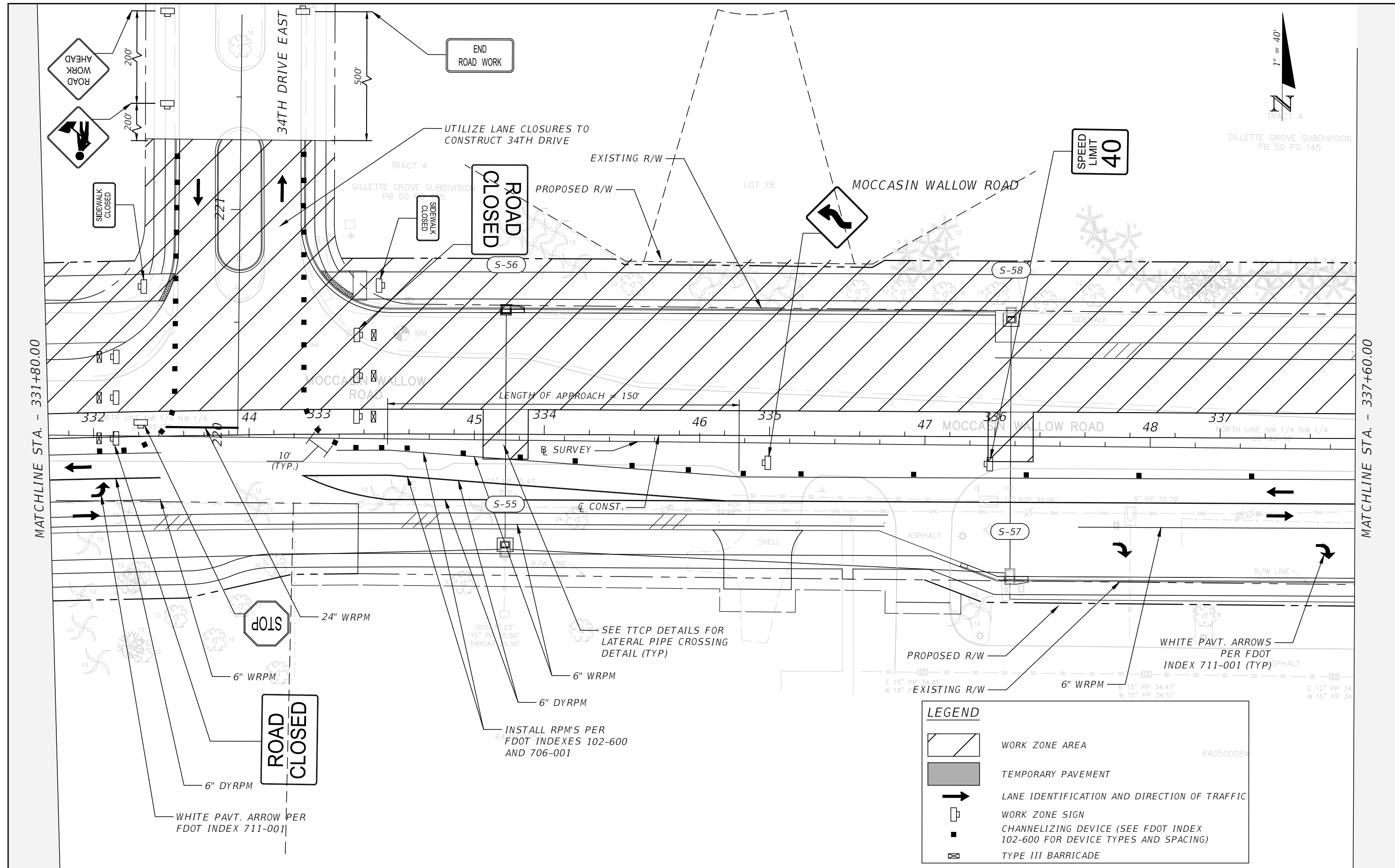
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (7) PHASE II**

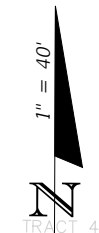
SHEET NO.
274

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



MATCHLINE STA. - 331+80.00

MATCHLINE STA. - 337+60.00



GILLETTE GROVE SUBDIVISION
PB 50 PG 145

LEGEND	
	WORK ZONE AREA
	TEMPORARY PAVEMENT
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	WORK ZONE SIGN
	CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
	TYPE III BARRICADE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

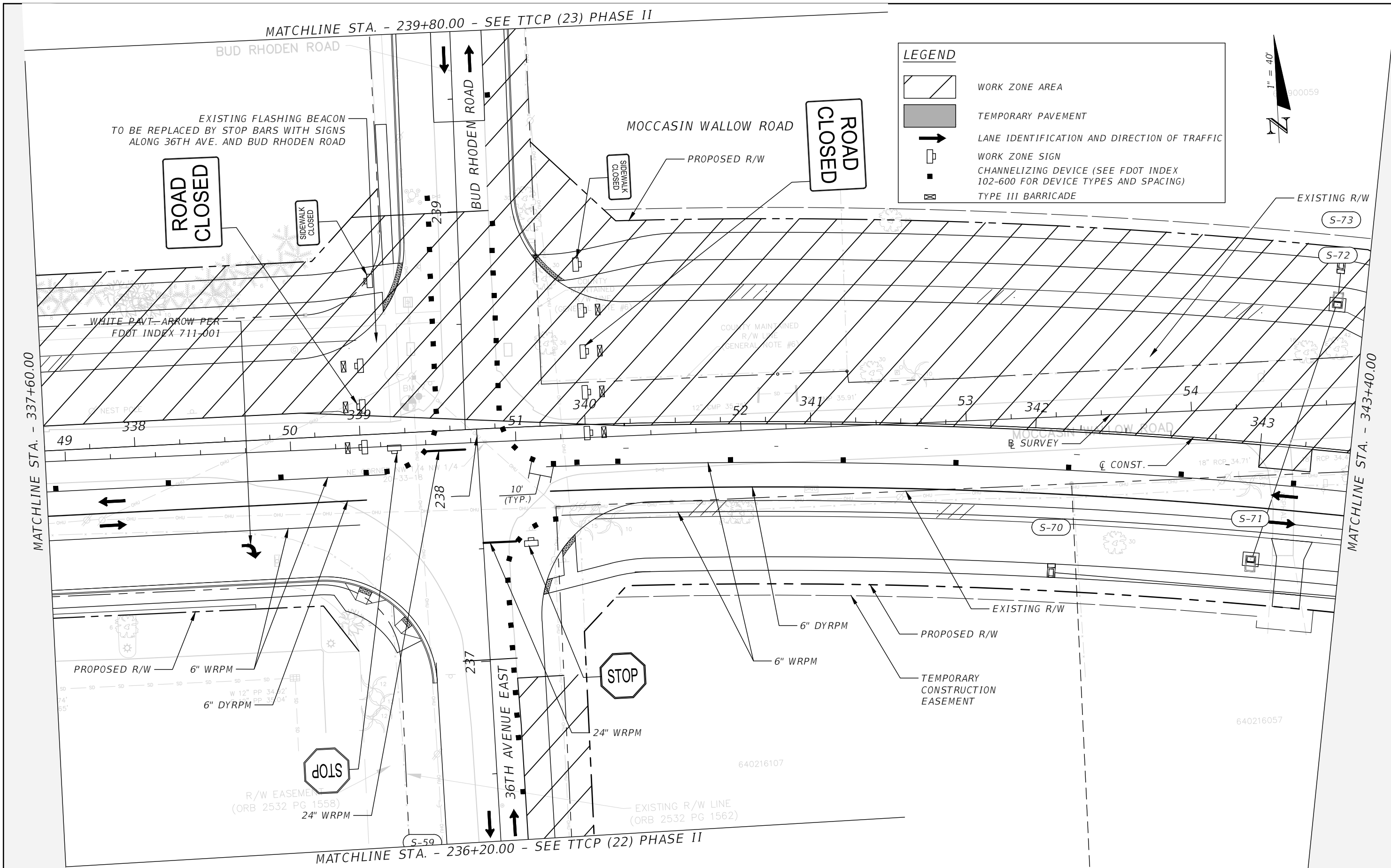
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (8) PHASE II**

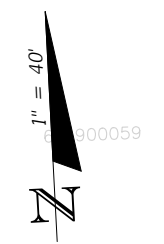
SHEET NO.
275

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



LEGEND

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



MATCHLINE STA. - 337+60.00

MATCHLINE STA. - 343+40.00

MATCHLINE STA. - 239+80.00 - SEE TTCP (23) PHASE II

MATCHLINE STA. - 236+20.00 - SEE TTCP (22) PHASE II

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

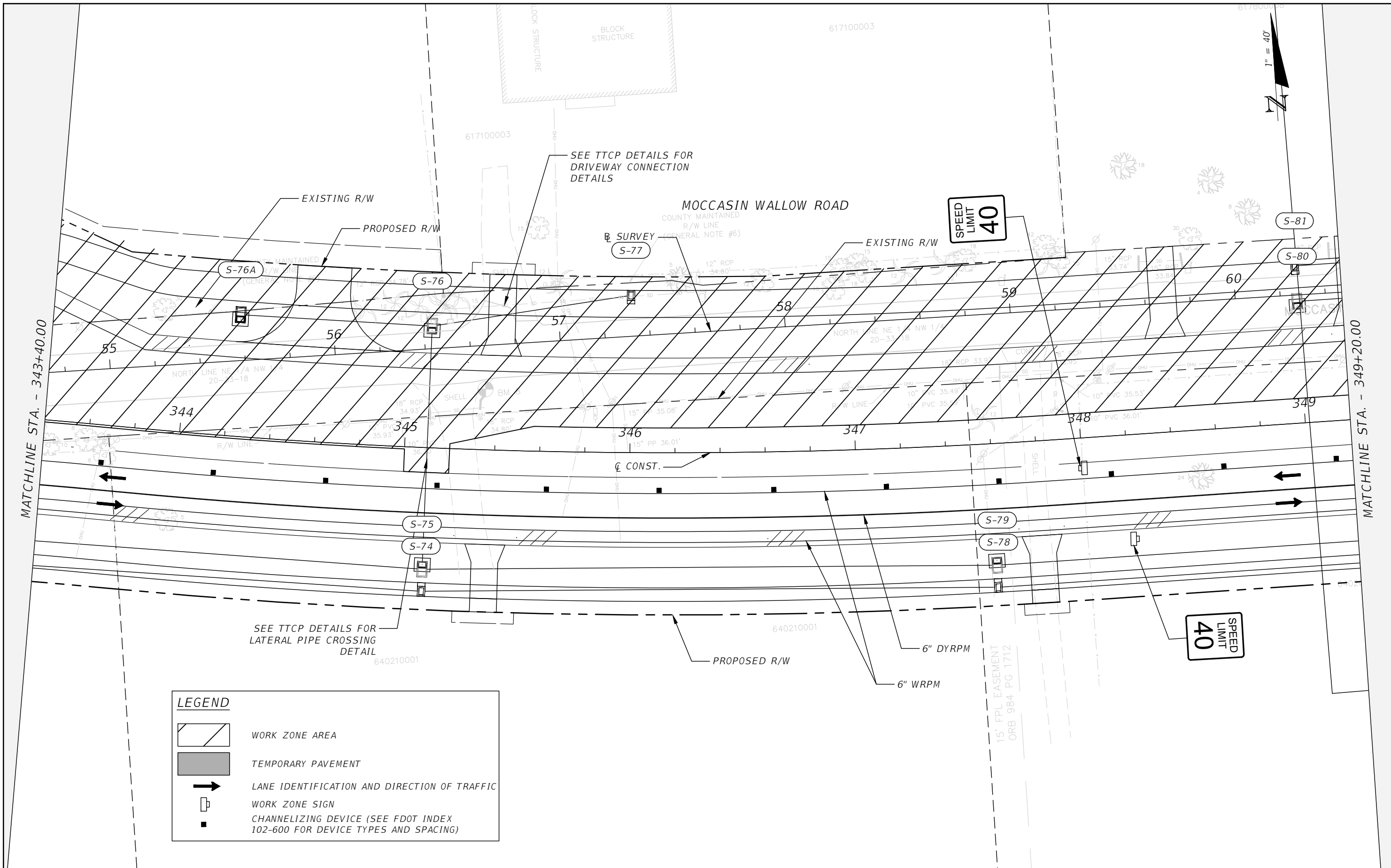
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (9) PHASE II**

SHEET NO.
276

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



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

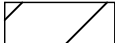





MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

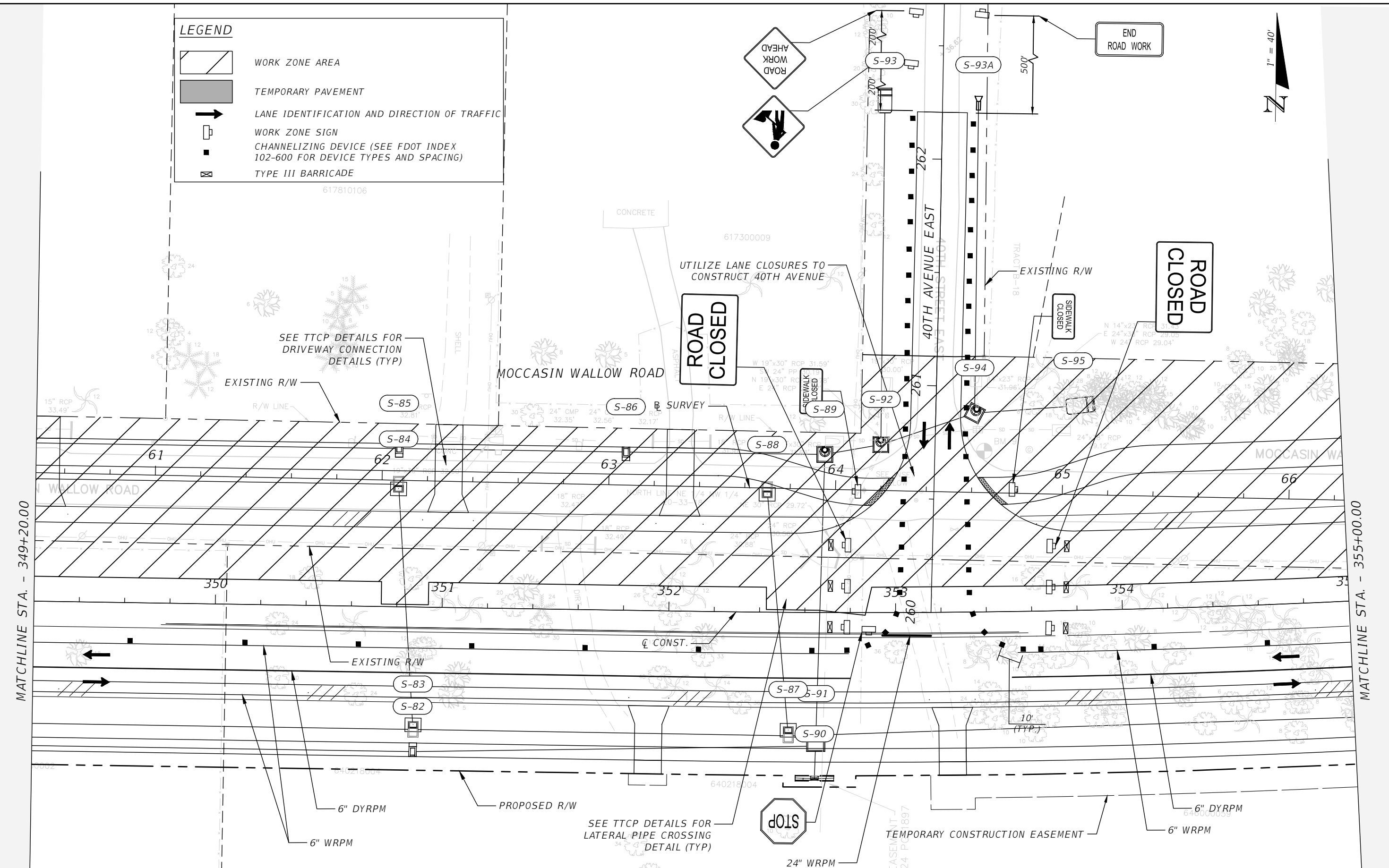
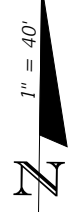
**TEMPORARY TRAFFIC CONTROL
 PLAN (10) PHASE II**

SHEET NO.
277

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

LEGEND

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

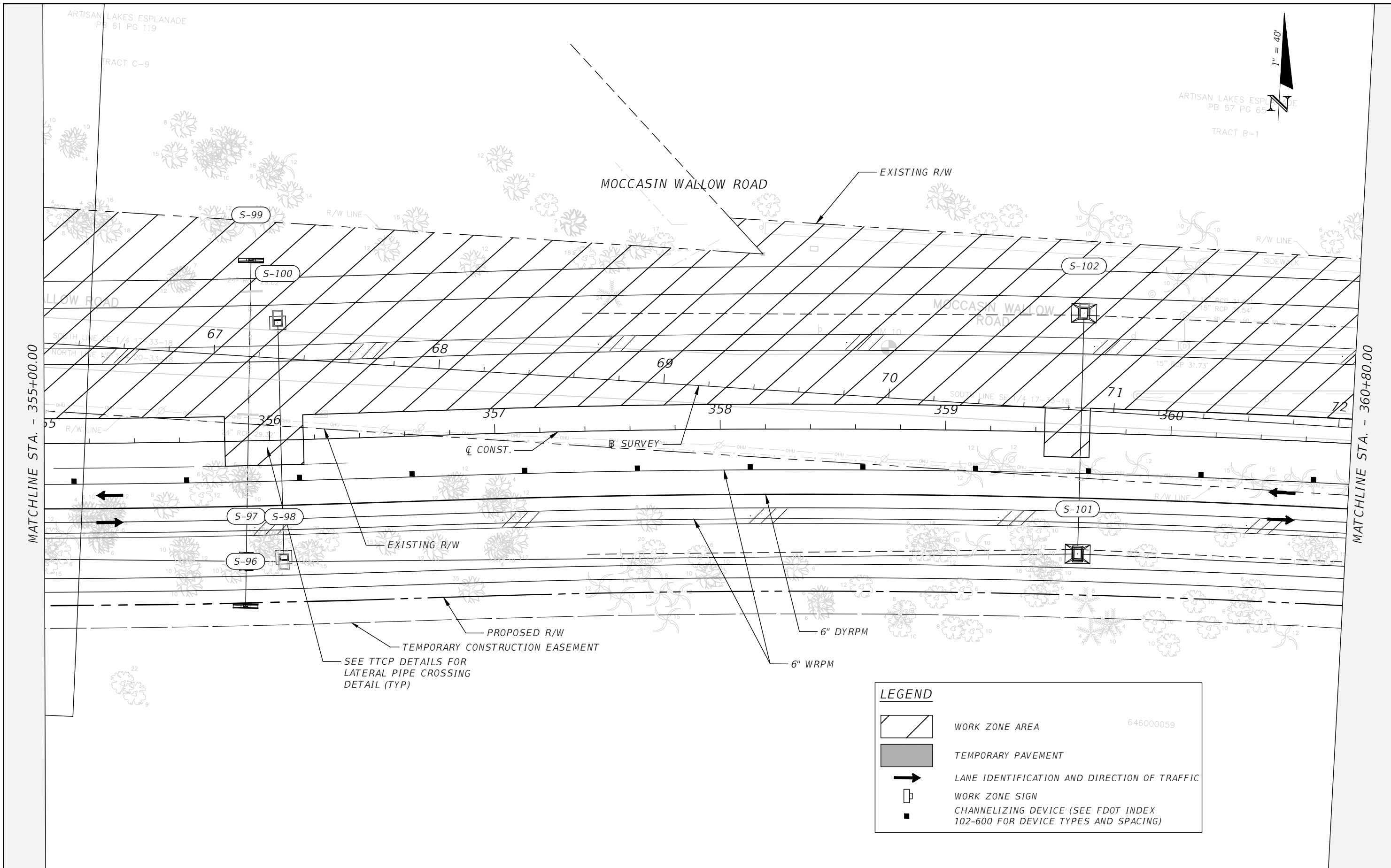
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (11) PHASE II**

SHEET NO.
278

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



MATCHLINE STA. - 355+00.00

MATCHLINE STA. - 360+80.00

LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (12) PHASE II**

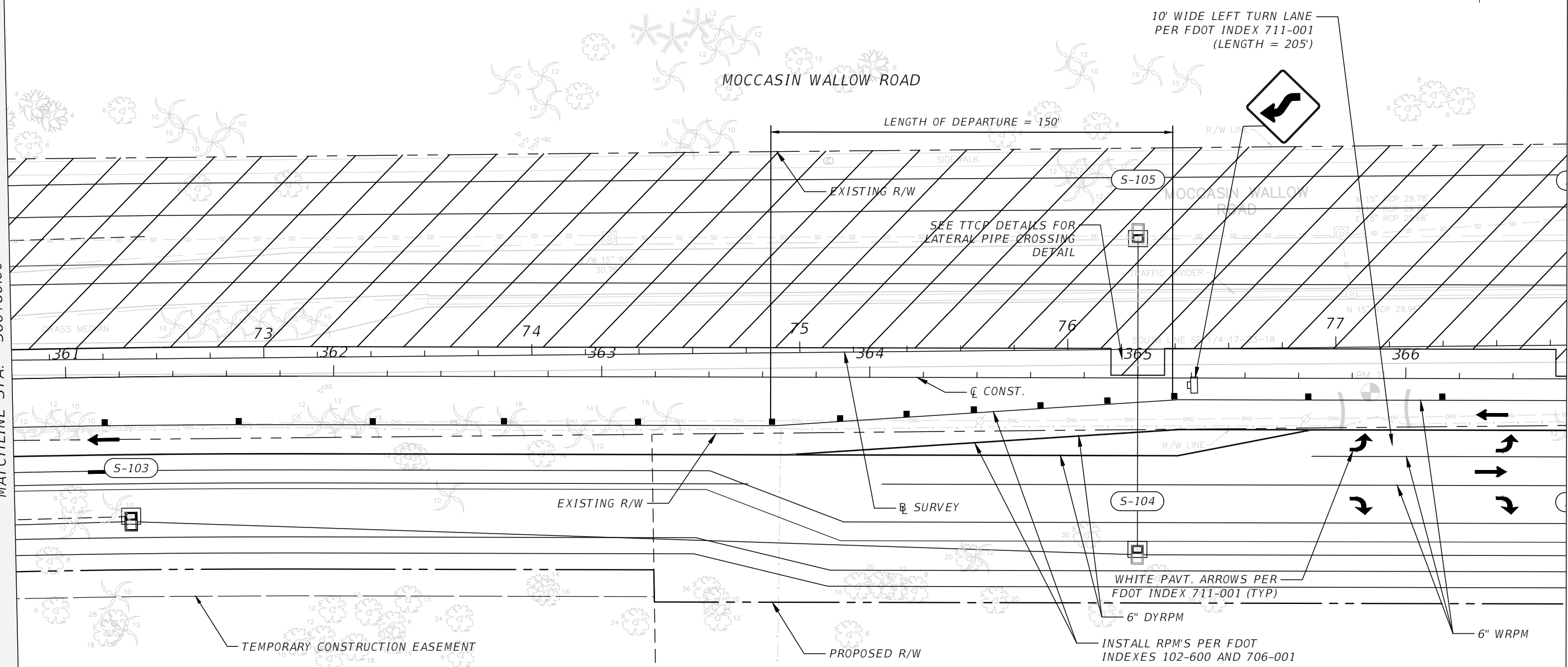
SHEET NO.
279

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



MATCHLINE STA. - 360+80.00

MATCHLINE STA. - 366+60.00



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

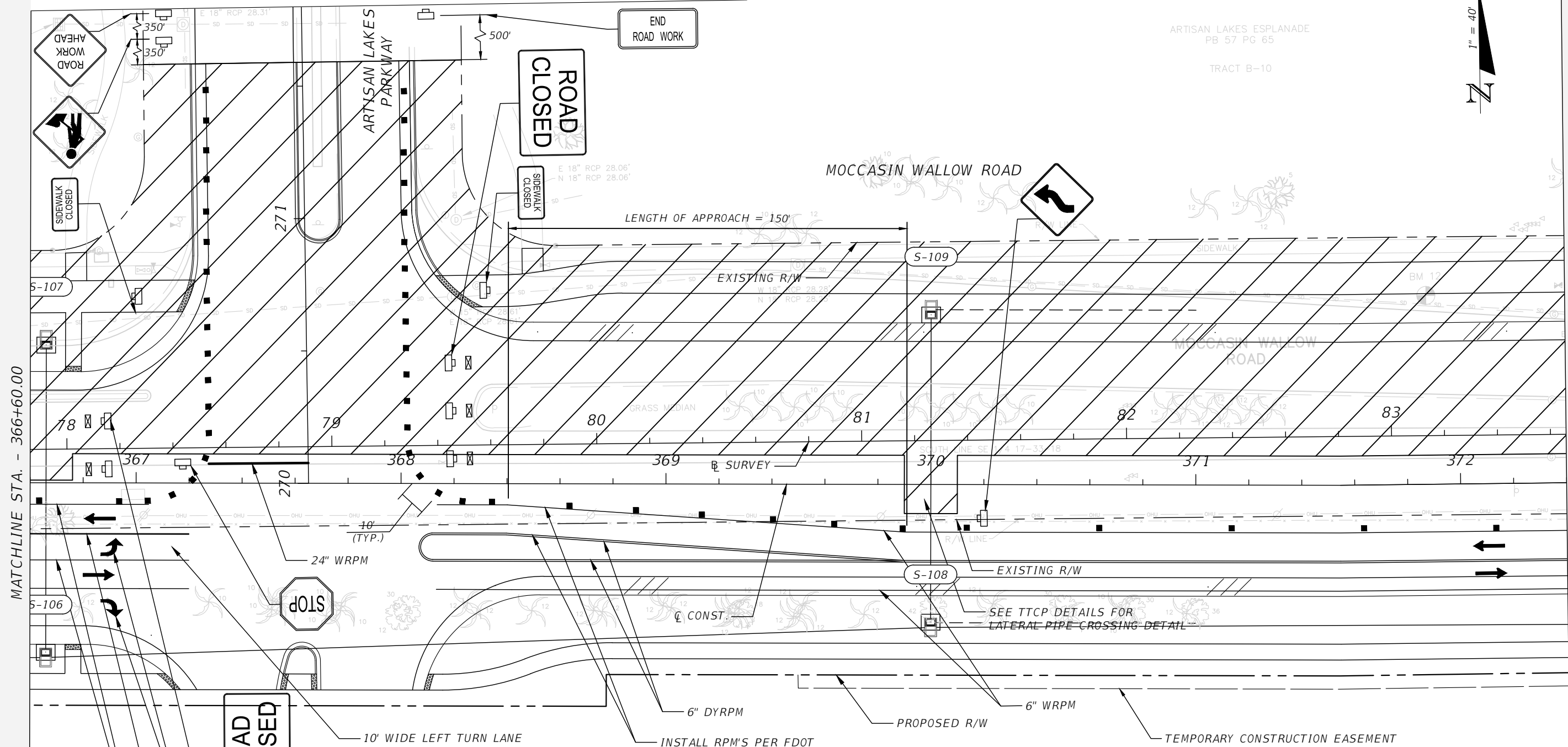
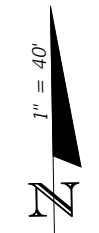
**TEMPORARY TRAFFIC CONTROL
 PLAN (13) PHASE II**

SHEET NO.
280

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

MATCHLINE - STA 271+80.00 - SEE TTCP (24) PHASE II

ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10



MATCHLINE STA. - 366+60.00

MATCHLINE STA. - 372+40.00

LEGEND

- WORK ZONE AREA 640100004
- TEMPORARY PAVEMENT
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)
- TYPE III BARRICADE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (14) PHASE II**

SHEET NO.
281

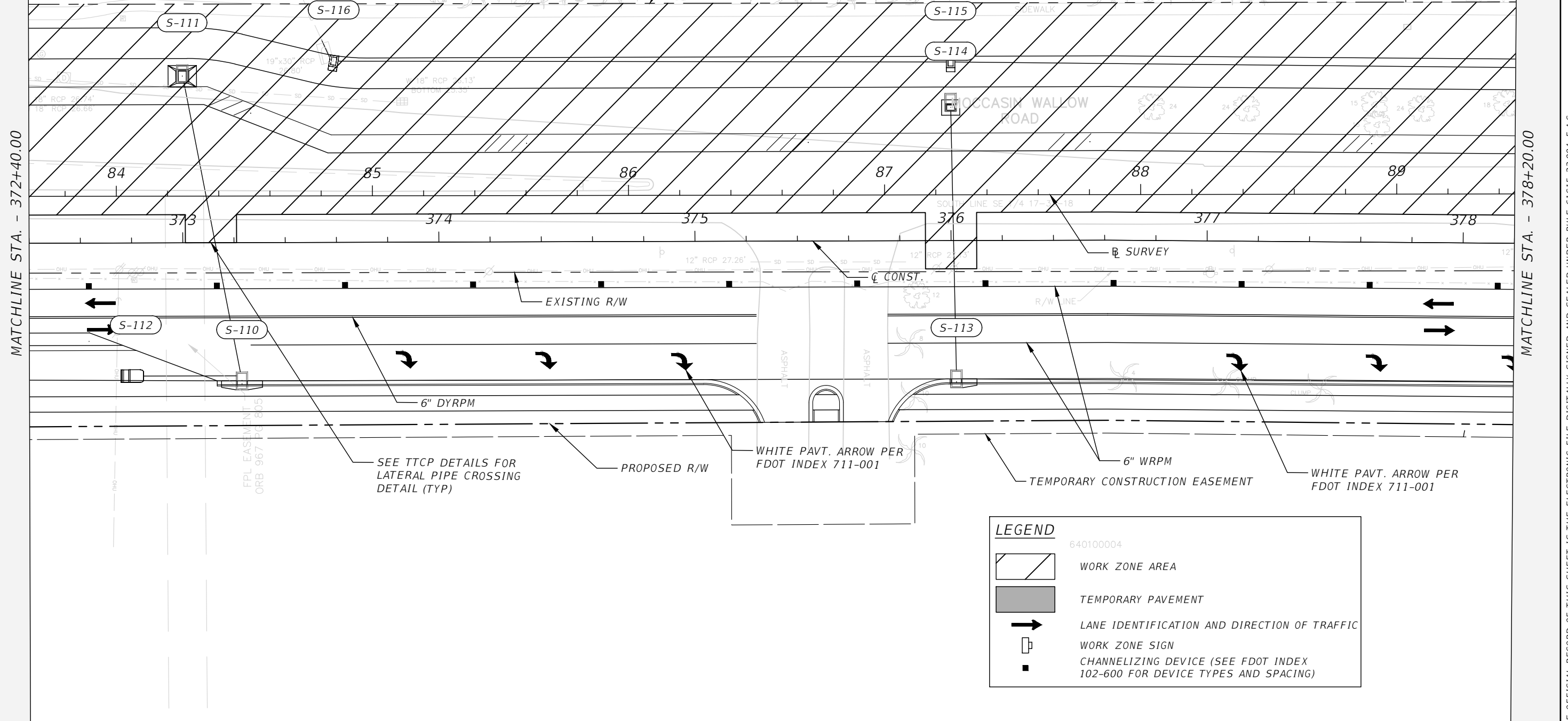
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10



MOCCASIN WALLOW ROAD

EXISTING R/W
R/W LINE



MATCHLINE STA. - 372+40.00

MATCHLINE STA. - 378+20.00

LEGEND

640100004

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

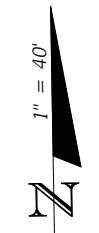
MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (15) PHASE II**

SHEET NO.
282

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

610900519



ARTISAN LAKES ESPLANADE
PB 57 PG 65

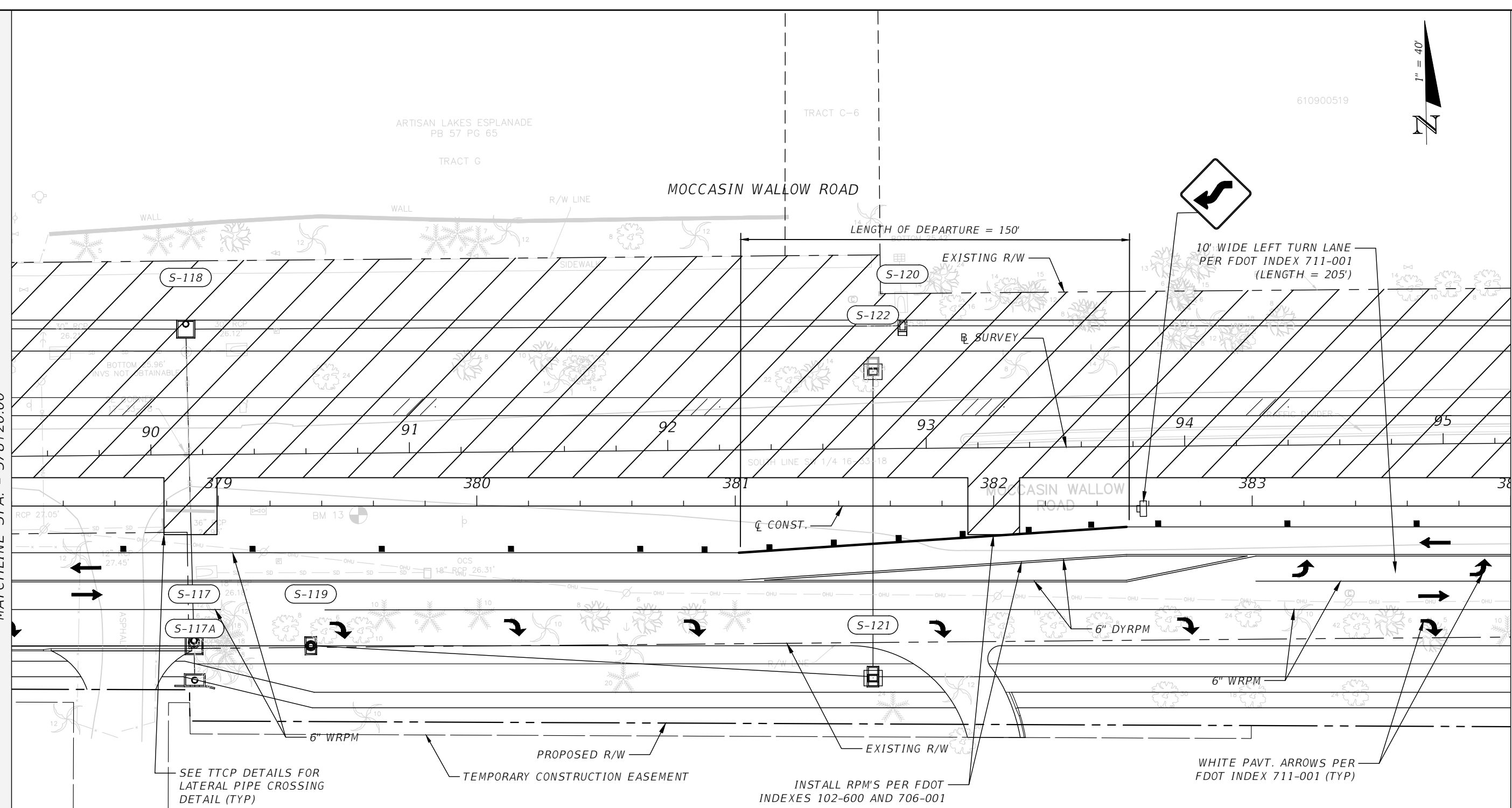
TRACT C-6

TRACT G

MOCCASIN WALLOW ROAD

MATCHLINE STA. - 378+20.00

MATCHLINE STA. - 384+00.00



SEE TTCP DETAILS FOR
LATERAL PIPE CROSSING
DETAIL (TYP)

TEMPORARY CONSTRUCTION EASEMENT

INSTALL RPM'S PER FDOT
INDEXES 102-600 AND 706-001

WHITE PAVT. ARROWS PER
FDOT INDEX 711-001 (TYP)

LEGEND

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

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

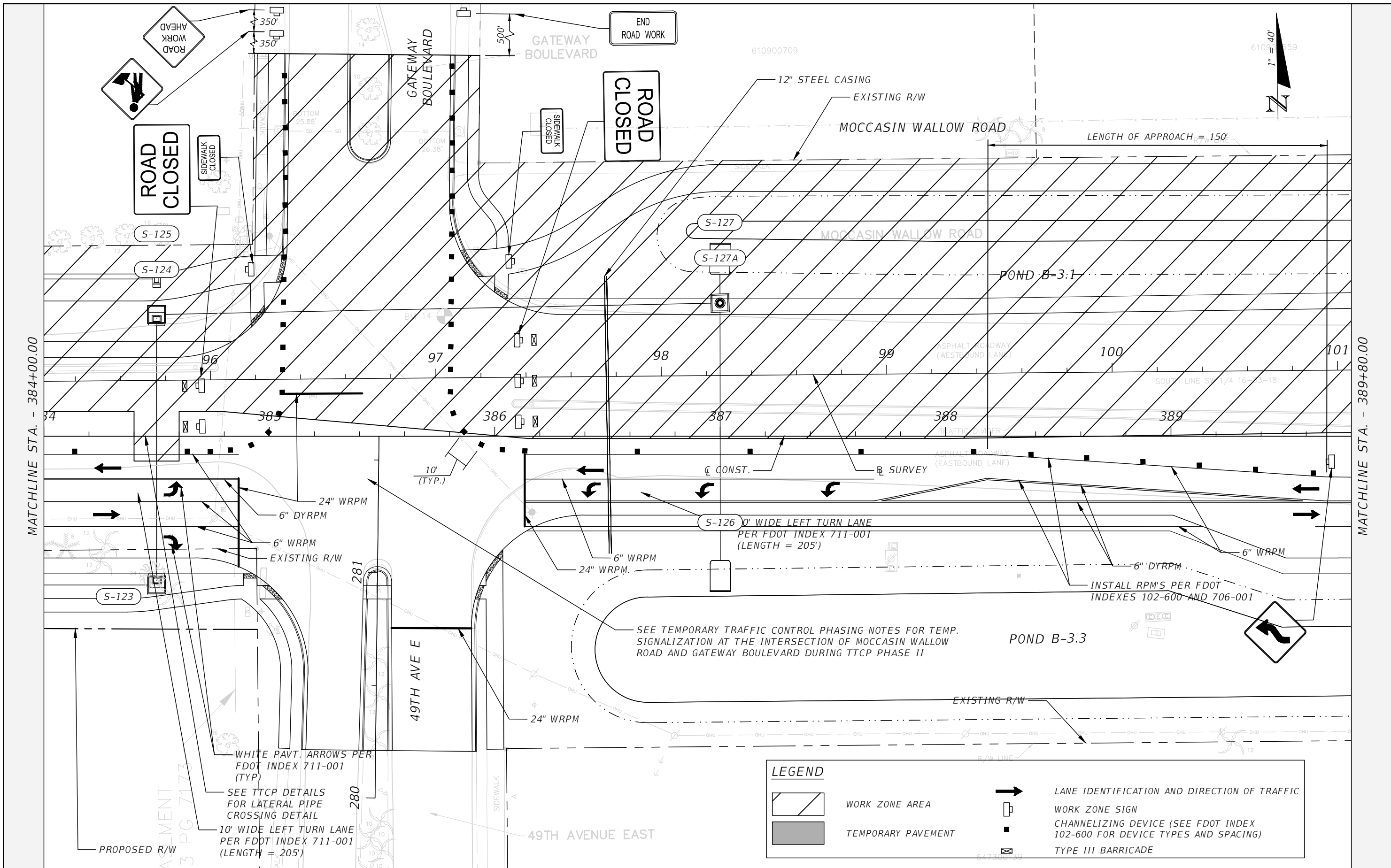
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (16) PHASE II**

SHEET NO. 283

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



MATCHLINE STA. - 384+00.00

MATCHLINE STA. - 389+80.00



LEGEND

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

WHITE PAVT. ARROWS PER FDOT INDEX 711-001 (TYP)
 SEE TTCP DETAILS FOR LATERAL PIPE CROSSING DETAIL
 10' WIDE LEFT TURN LANE PER FDOT INDEX 711-001 (LENGTH = 205')

SEE TEMPORARY TRAFFIC CONTROL PHASING NOTES FOR TEMP. SIGNALIZATION AT THE INTERSECTION OF MOCCASIN WALLOW ROAD AND GATEWAY BOULEVARD DURING TTCP PHASE II

INSTALL RPM'S PER FDOT INDEXES 102-600 AND 706-001

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

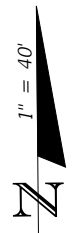
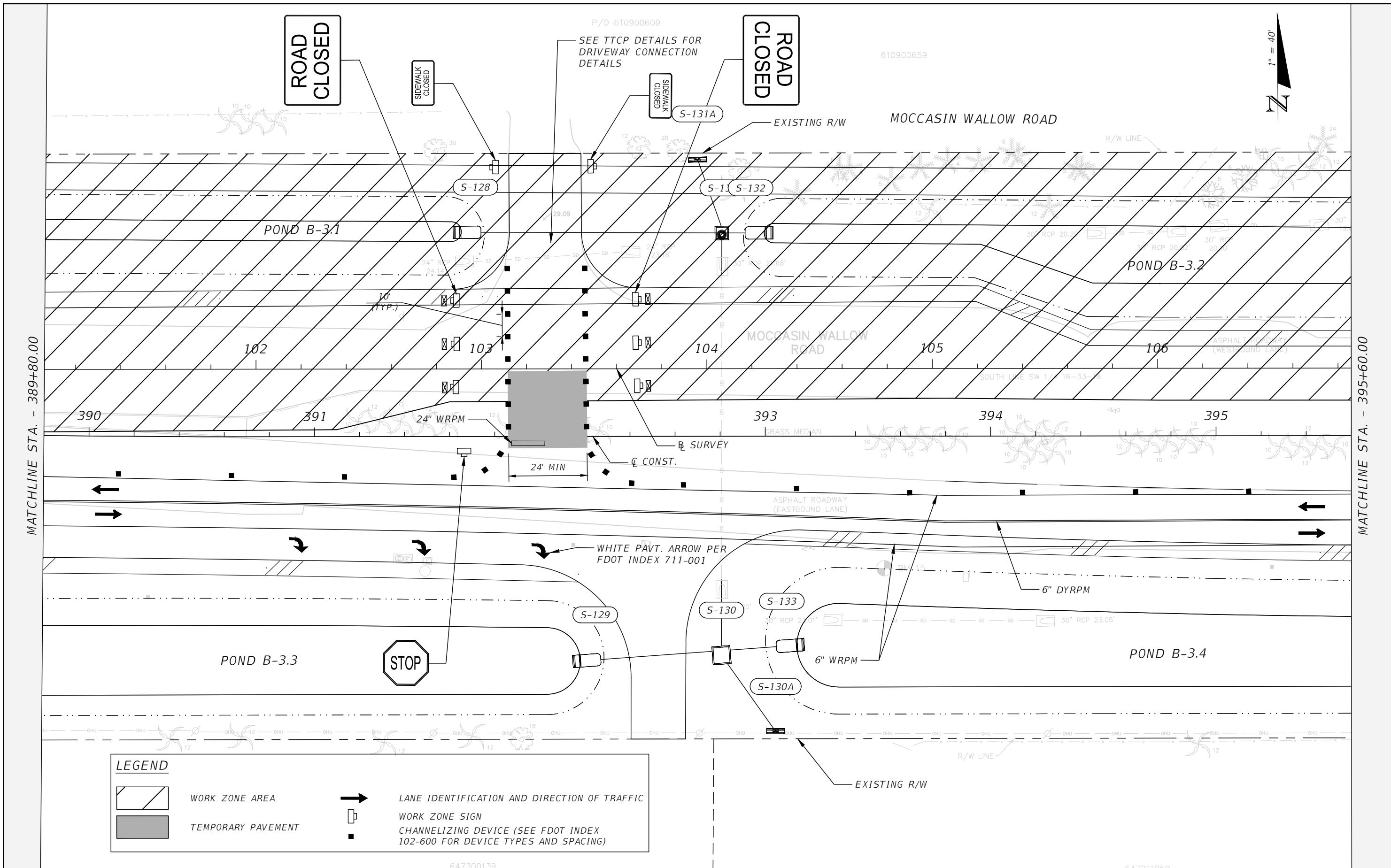
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (17) PHASE II**

SHEET NO.
284

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



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

MATCHLINE STA. - 389+80.00

MATCHLINE STA. - 395+60.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

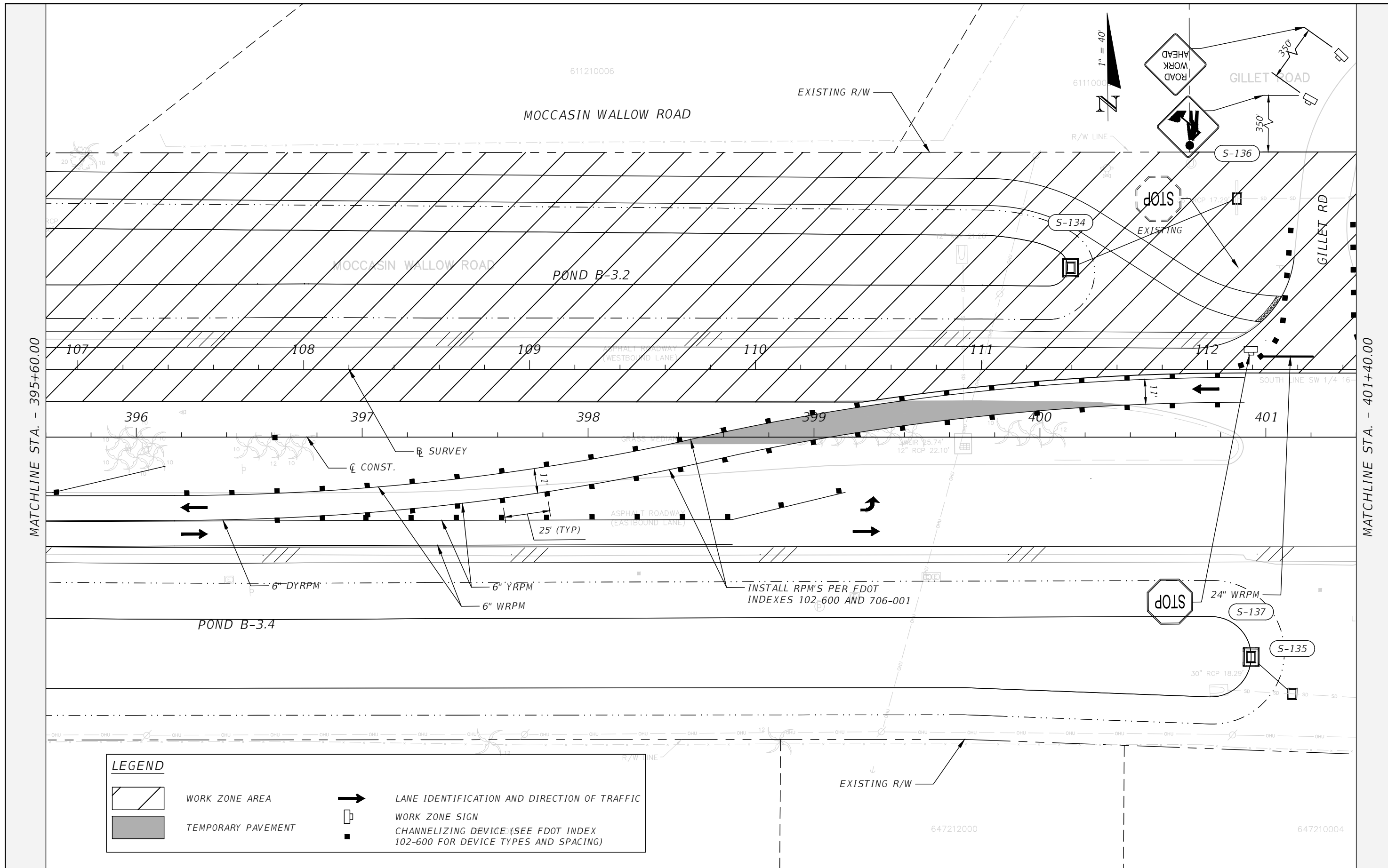
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (18) PHASE II**

SHEET NO.
285

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (19) PHASE II**

SHEET NO.
286

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

GILLET ROAD



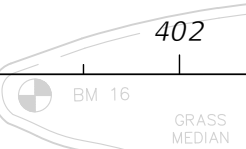
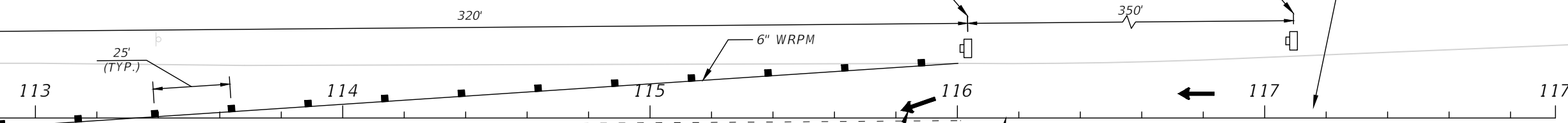
END ROAD WORK

MOCCASIN WALLOW ROAD

SEE TTCP GENERAL NOTES FOR
ADVANCED SIGNING DETAIL REGARDING
POSTED SPEED REDUCTION TO 40 MPH
THRU TTCP PHASE II



MATCHLINE STA. - 401+40.00



END PROJECT
STA. 402+42.59

END ROAD WORK

SPEED LIMIT
45

LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

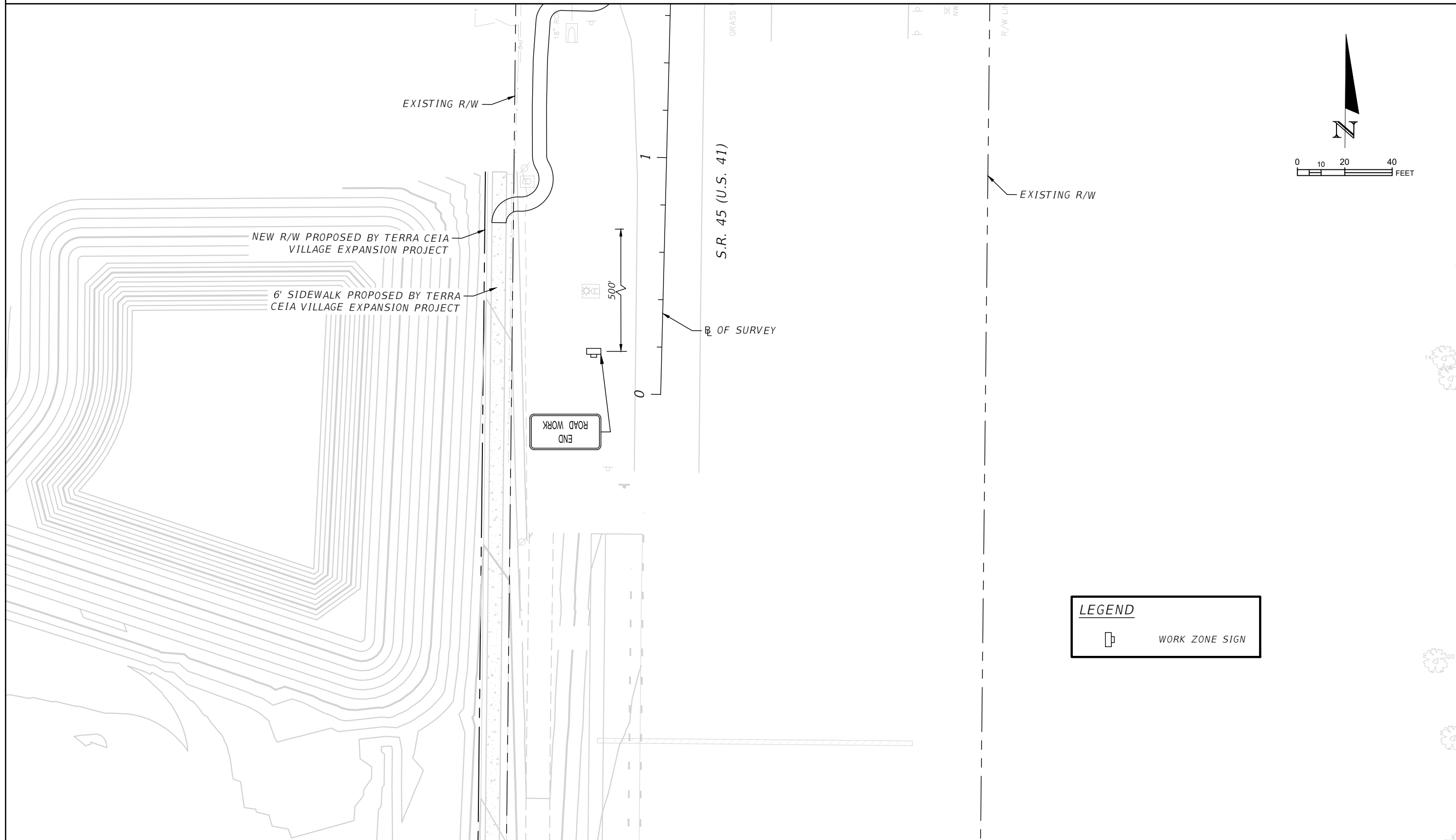
MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (20) PHASE II**

SHEET NO.
287

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

MATCHLINE - STA 1+65.00 - SEE TTCP (2) PHASE II



LEGEND

 WORK ZONE SIGN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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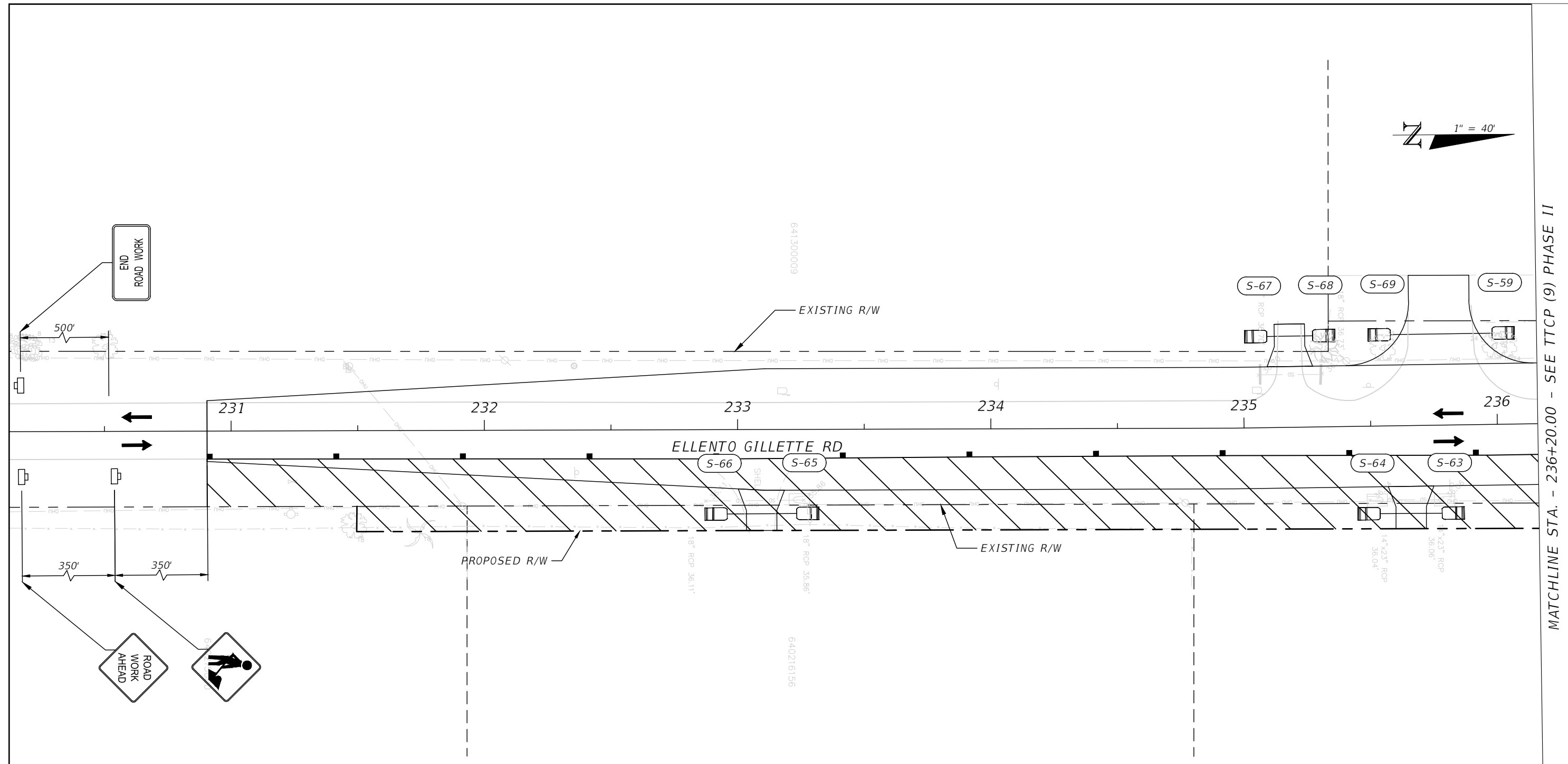
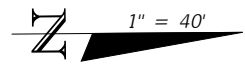
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

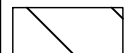




**TEMPORARY TRAFFIC CONTROL
 PLAN (21) PHASE II**

SHEET NO.
 288

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



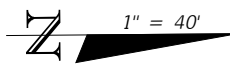
LEGEND

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

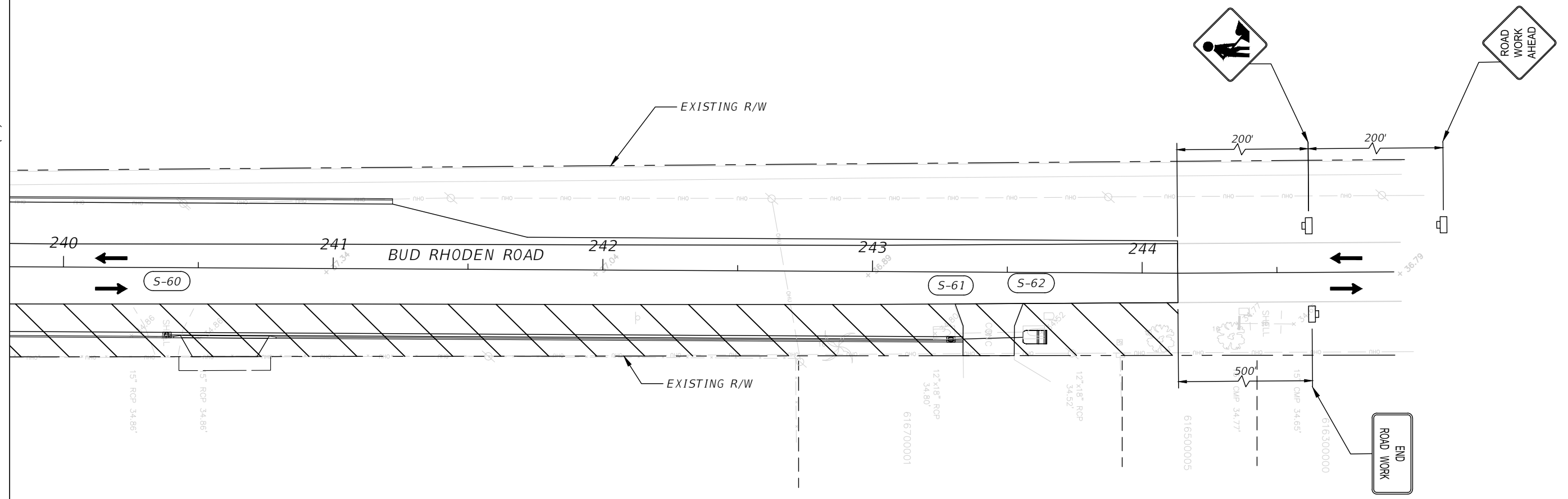
MATCHLINE STA. - 236+20.00 - SEE TTCP (9) PHASE II

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

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (22) PHASE II	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		289
					MOCCASIN WALLOW RD	6092560		

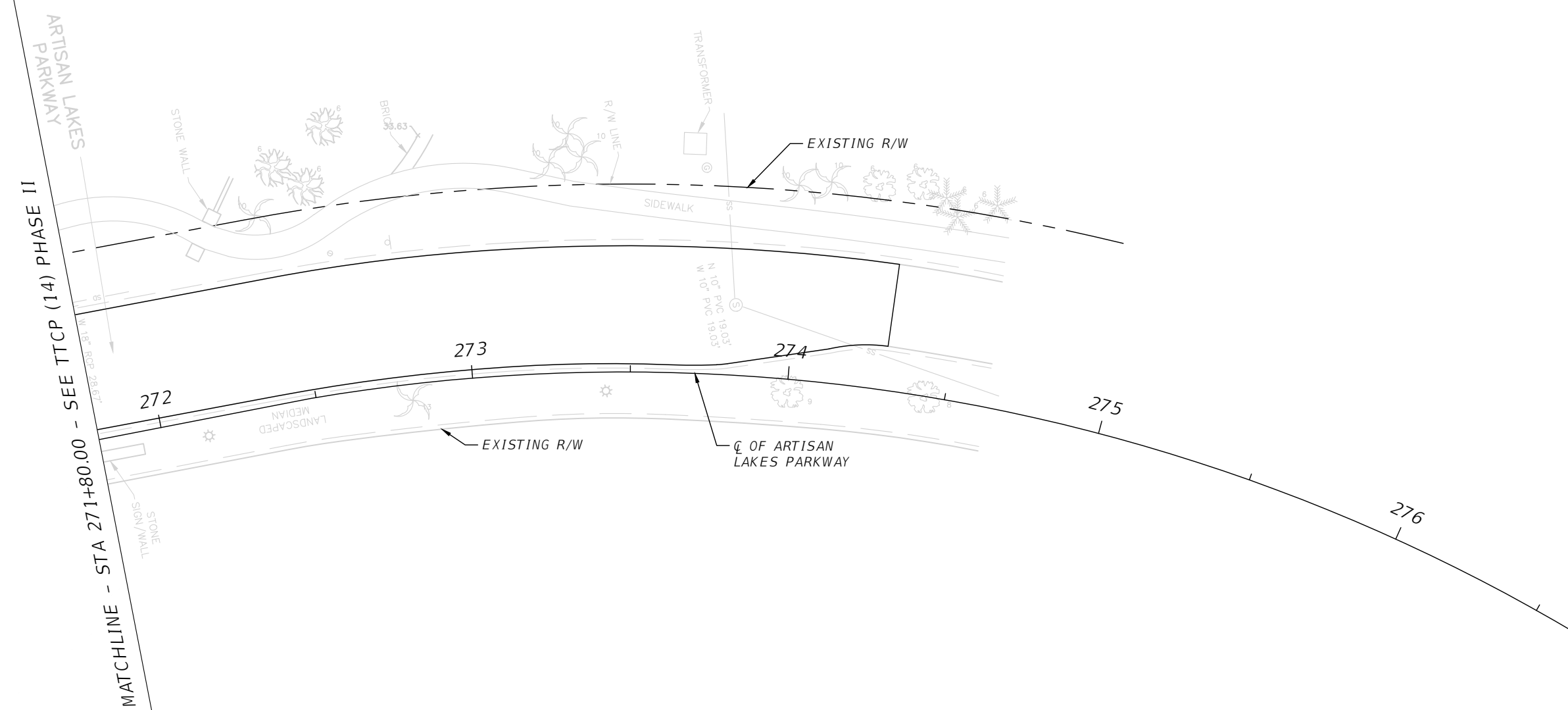
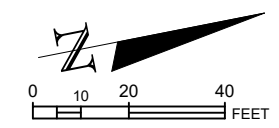


MATCHLINE STA. - 239+80.00 - SEE TTCP (9) PHASE II



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

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (23) PHASE II	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		290
---	---	---	---		MOCCASIN WALLOW RD	6092560		



ARTISAN LAKES PARKWAY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

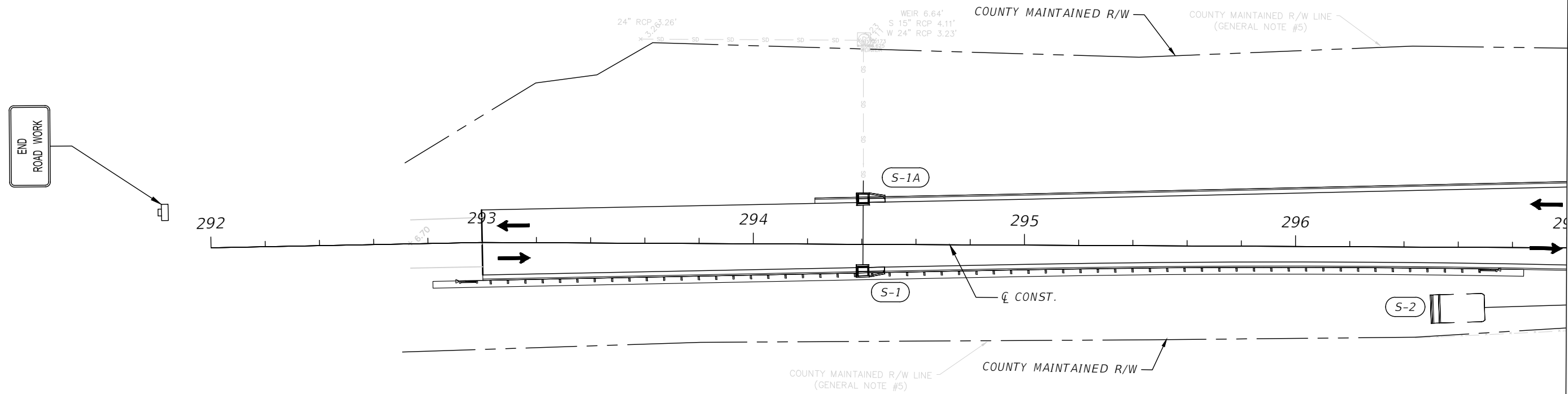
**TEMPORARY TRAFFIC CONTROL
 PLAN (21) PHASE II**

SHEET NO.
291

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



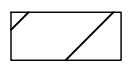




BISHOP HARBOR RD



END ROAD WORK

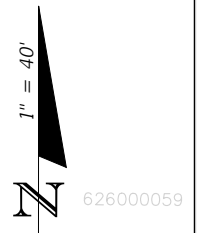
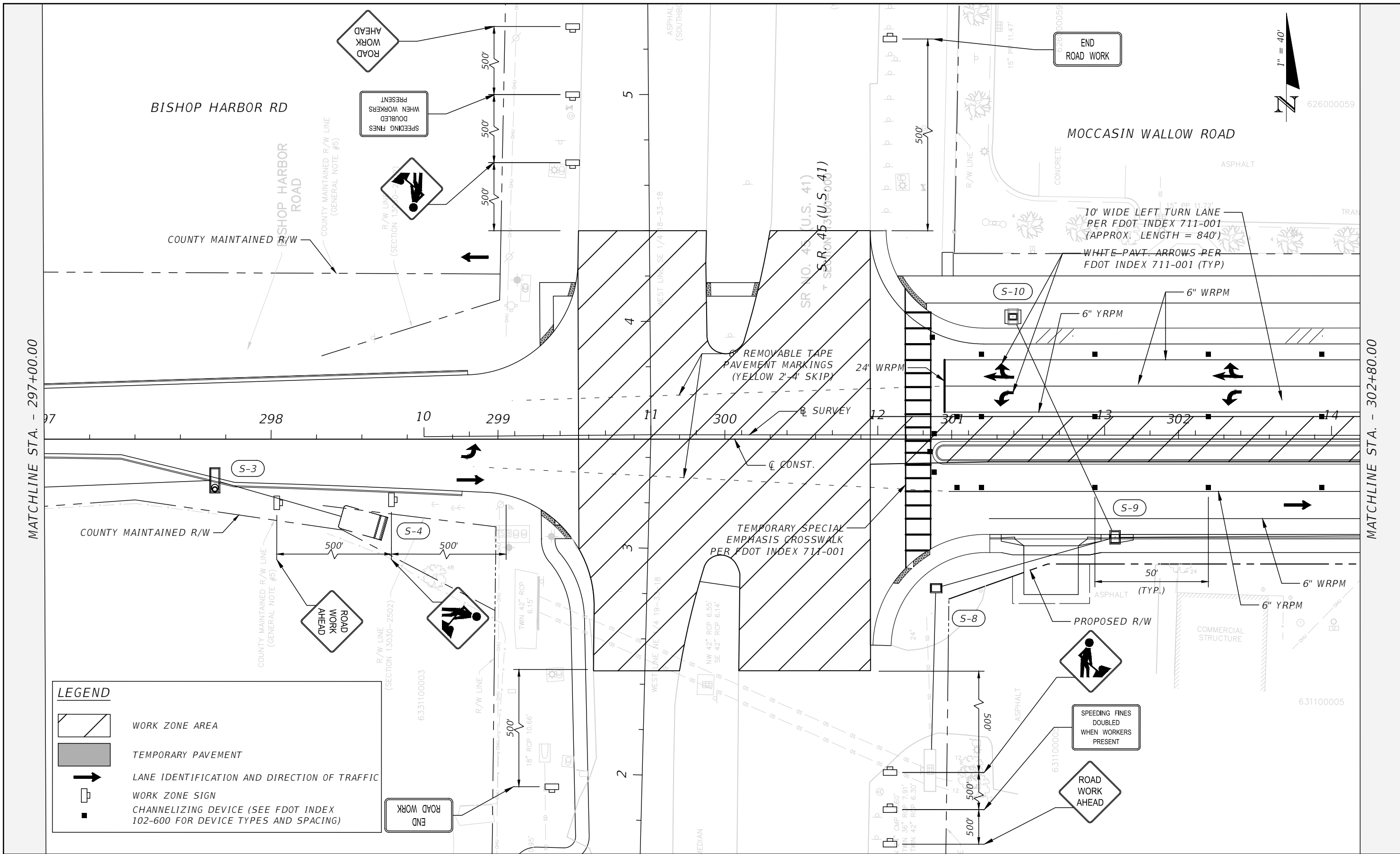
MATCHLINE STA. - 297+00.00

LEGEND

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

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (1) PHASE III	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		292
---	---	---	---		MOCCASIN WALLOW RD	6092560		

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



LEGEND

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

MATCHLINE - STA 1+65.00 - SEE TTCP (21) PHASE III

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

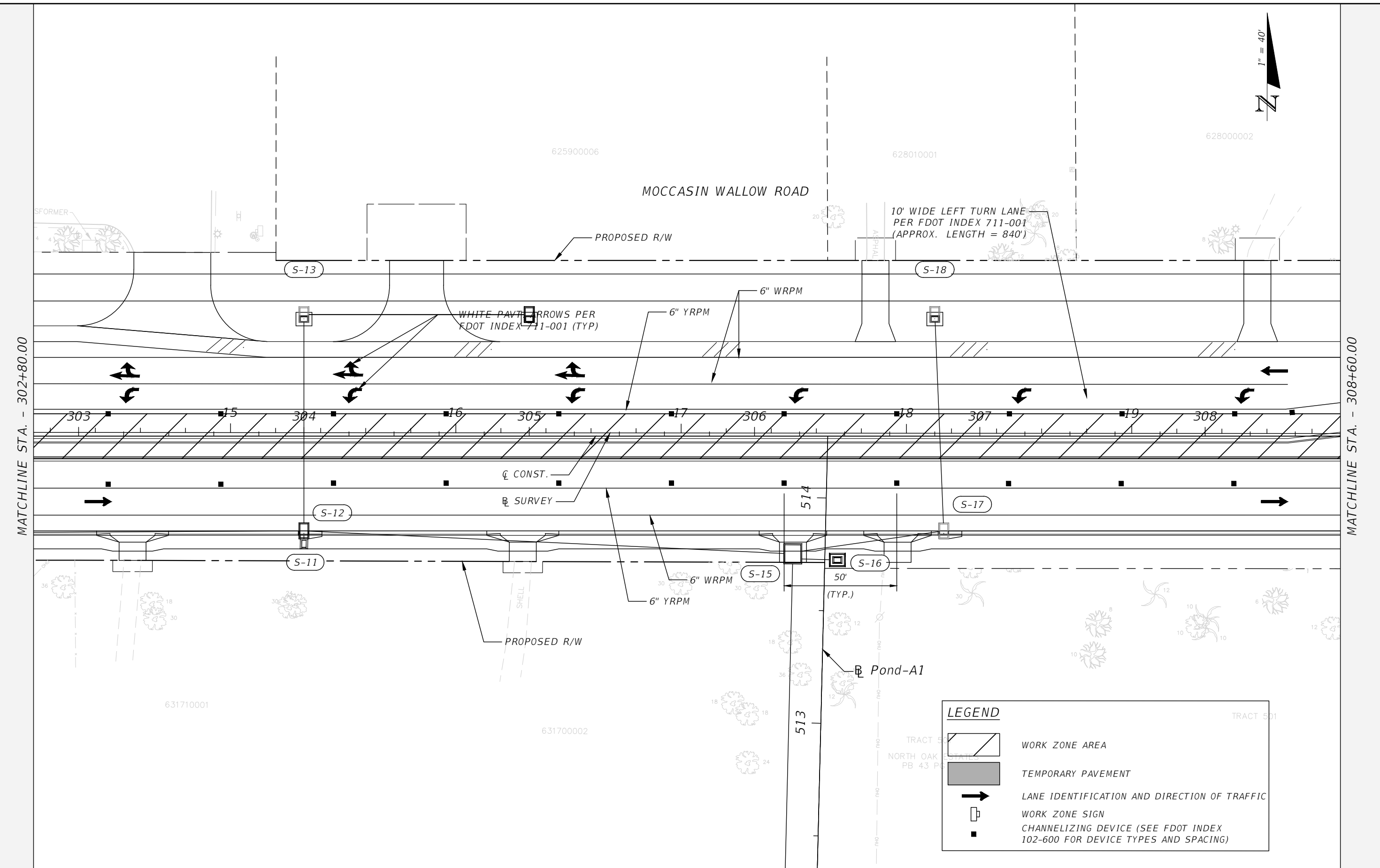
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (2) PHASE III**

SHEET NO.
293

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



MATCHLINE STA. - 302+80.00

MATCHLINE STA. - 308+60.00

LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

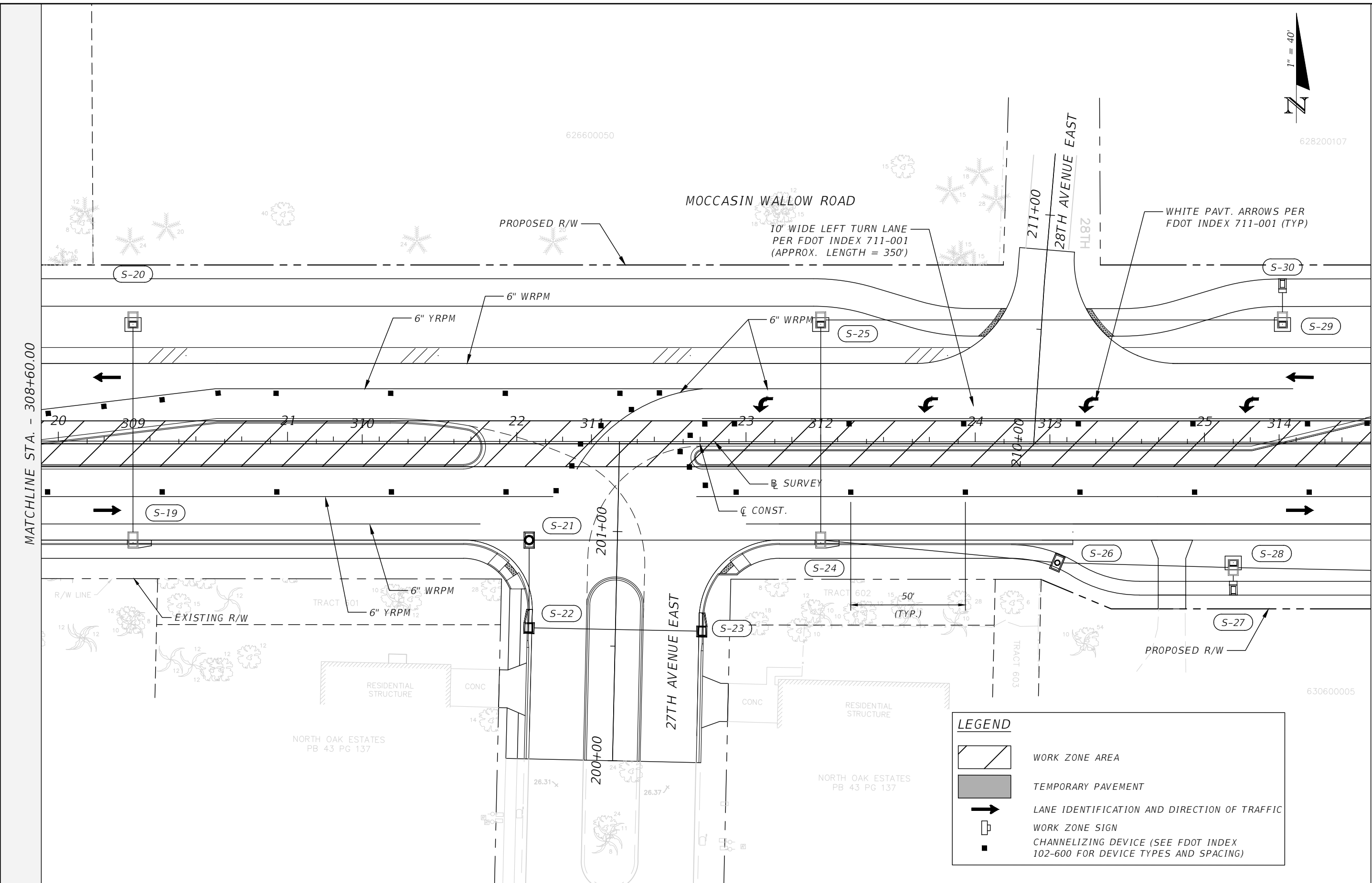
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560






**TEMPORARY TRAFFIC CONTROL
 PLAN (3) PHASE III**

SHEET NO.
294

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



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (4) PHASE III**

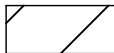




SHEET NO.
 295

MATCHLINE STA. - 308+60.00

MATCHLINE STA. - 314+40.00

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

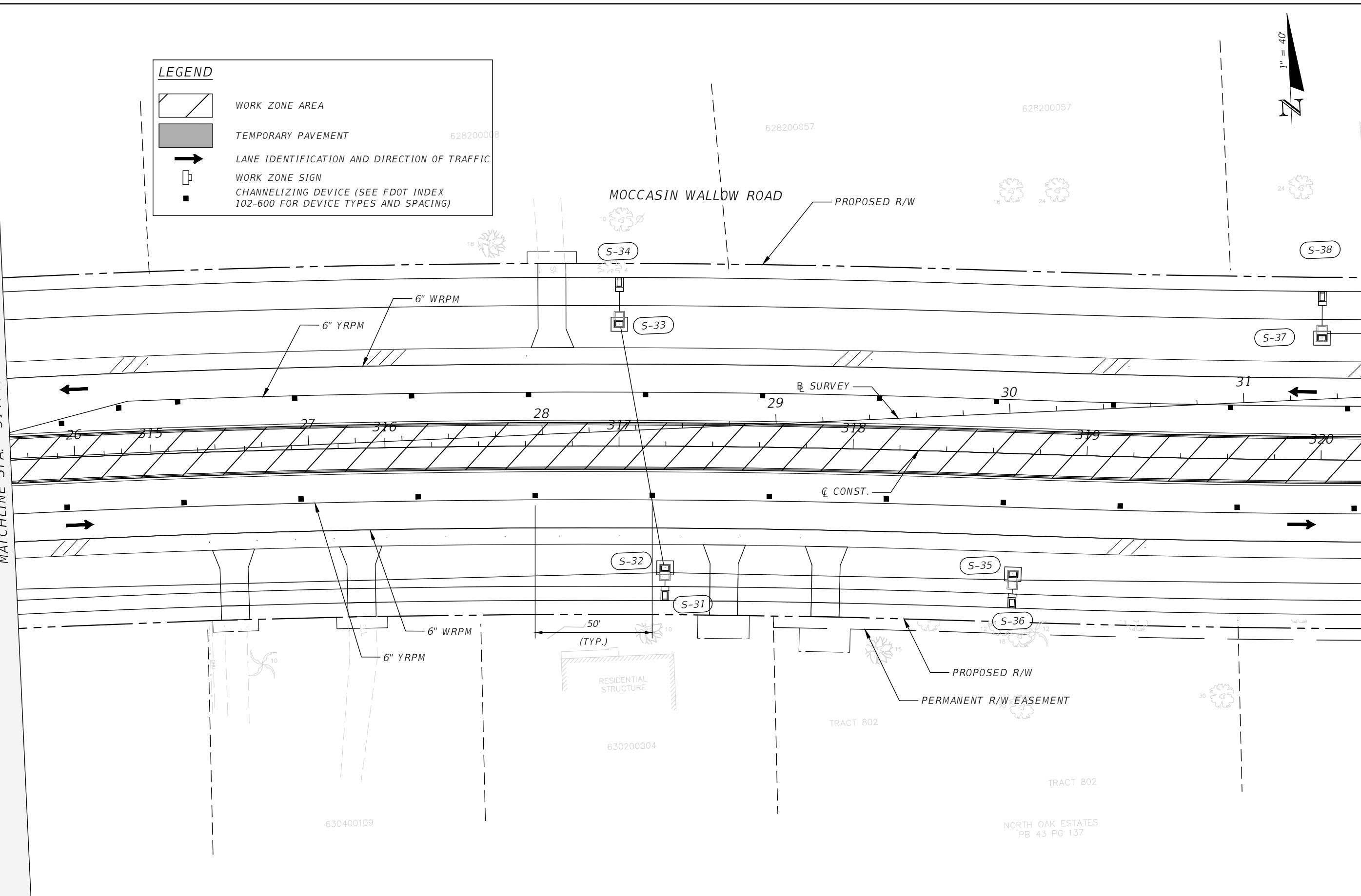
LEGEND

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



MATCHLINE STA. - 314+40.00

MATCHLINE STA. - 320+20.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

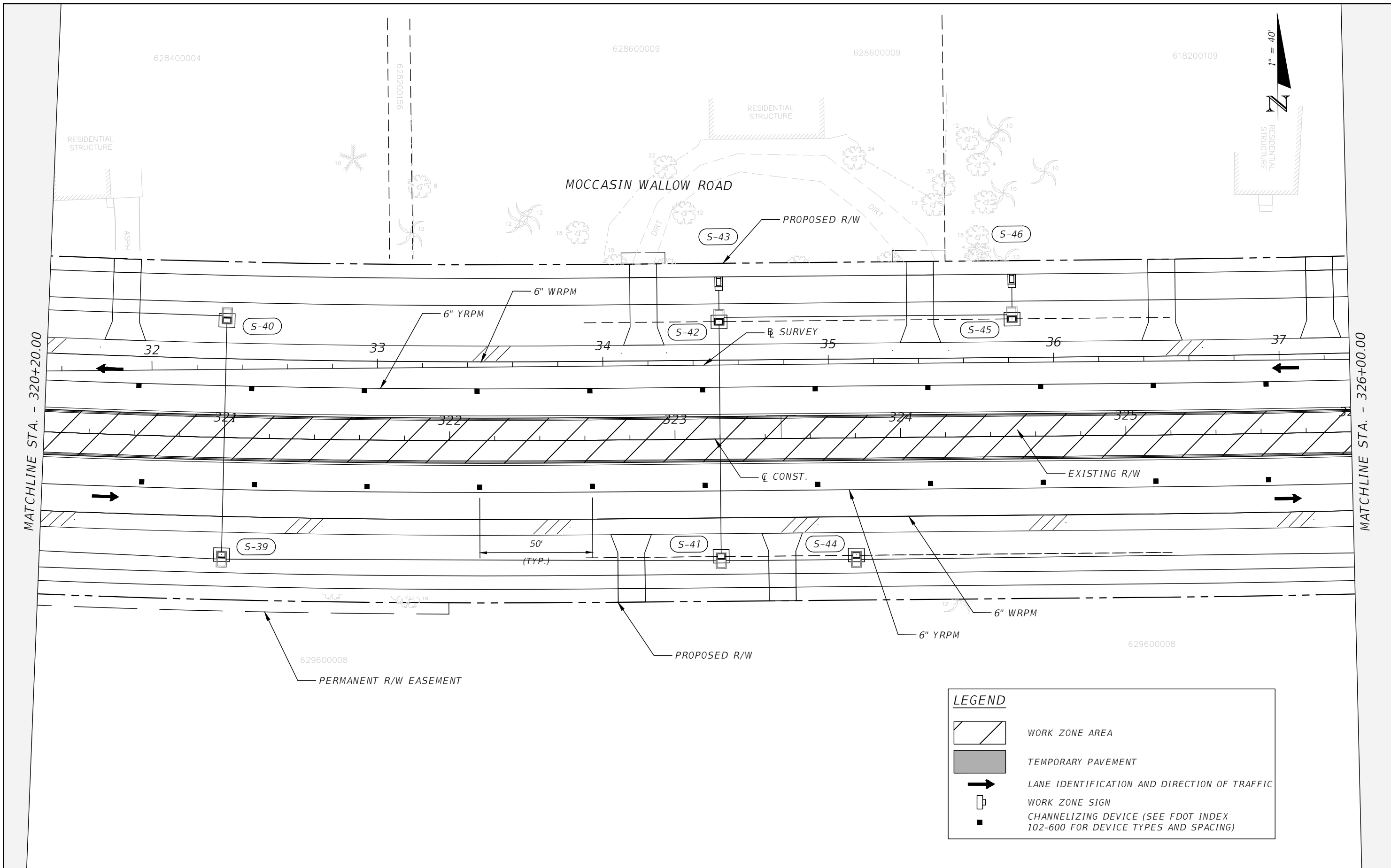
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

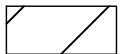




**TEMPORARY TRAFFIC CONTROL
PLAN (5) PHASE III**

SHEET NO.
296

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LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (6) PHASE III**

SHEET NO.
 297

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



TRACT 6
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

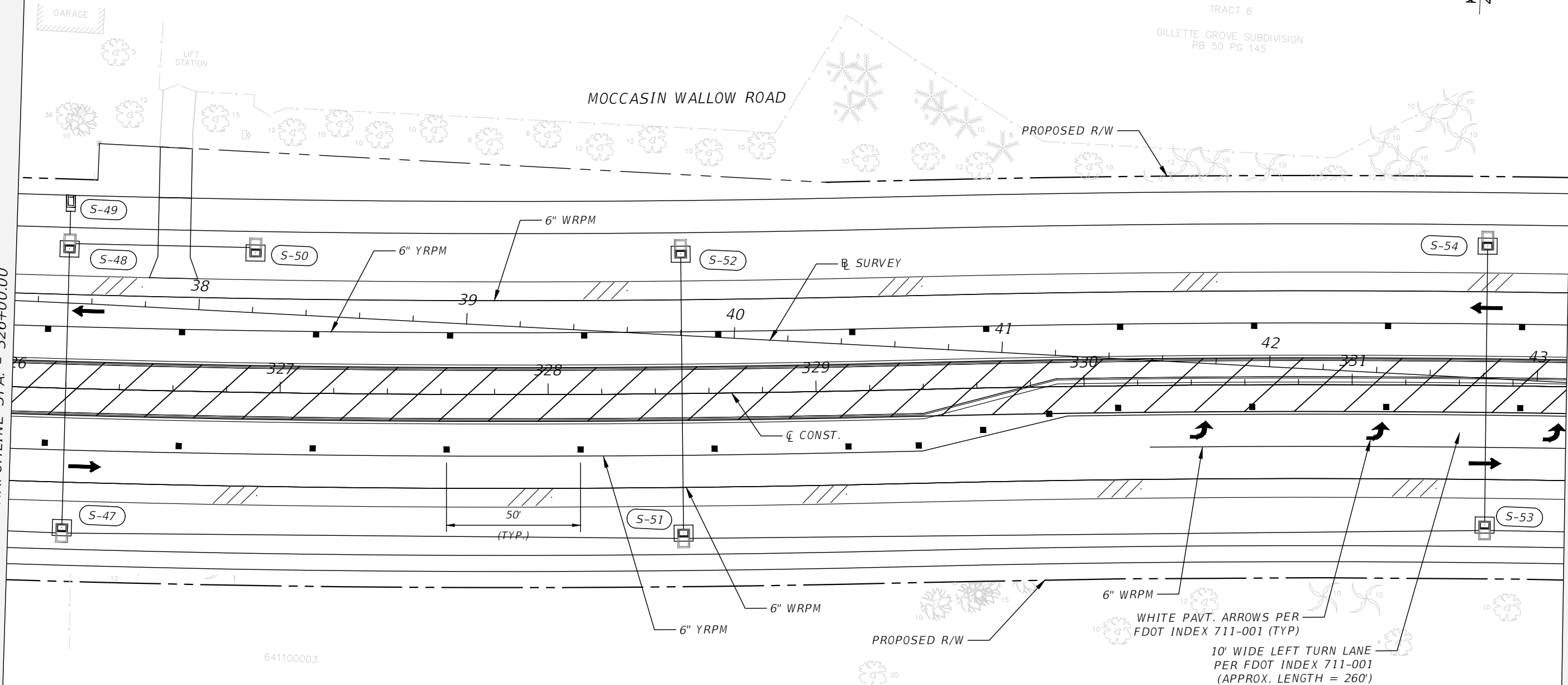
TRACT 6
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

MOCCASIN WALLOW ROAD

PROPOSED R/W

MATCHLINE STA. - 326+00.00

MATCHLINE STA. - 331+80.00



LEGEND

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

WHITE PAVT. ARROWS PER
FDOT INDEX 711-001 (TYP)

10' WIDE LEFT TURN LANE
PER FDOT INDEX 711-001
(APPROX. LENGTH = 260')

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (7) PHASE III**

SHEET NO.
298

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



GILLETTE GROVE SUBDIVISION
PB 50 PG 145

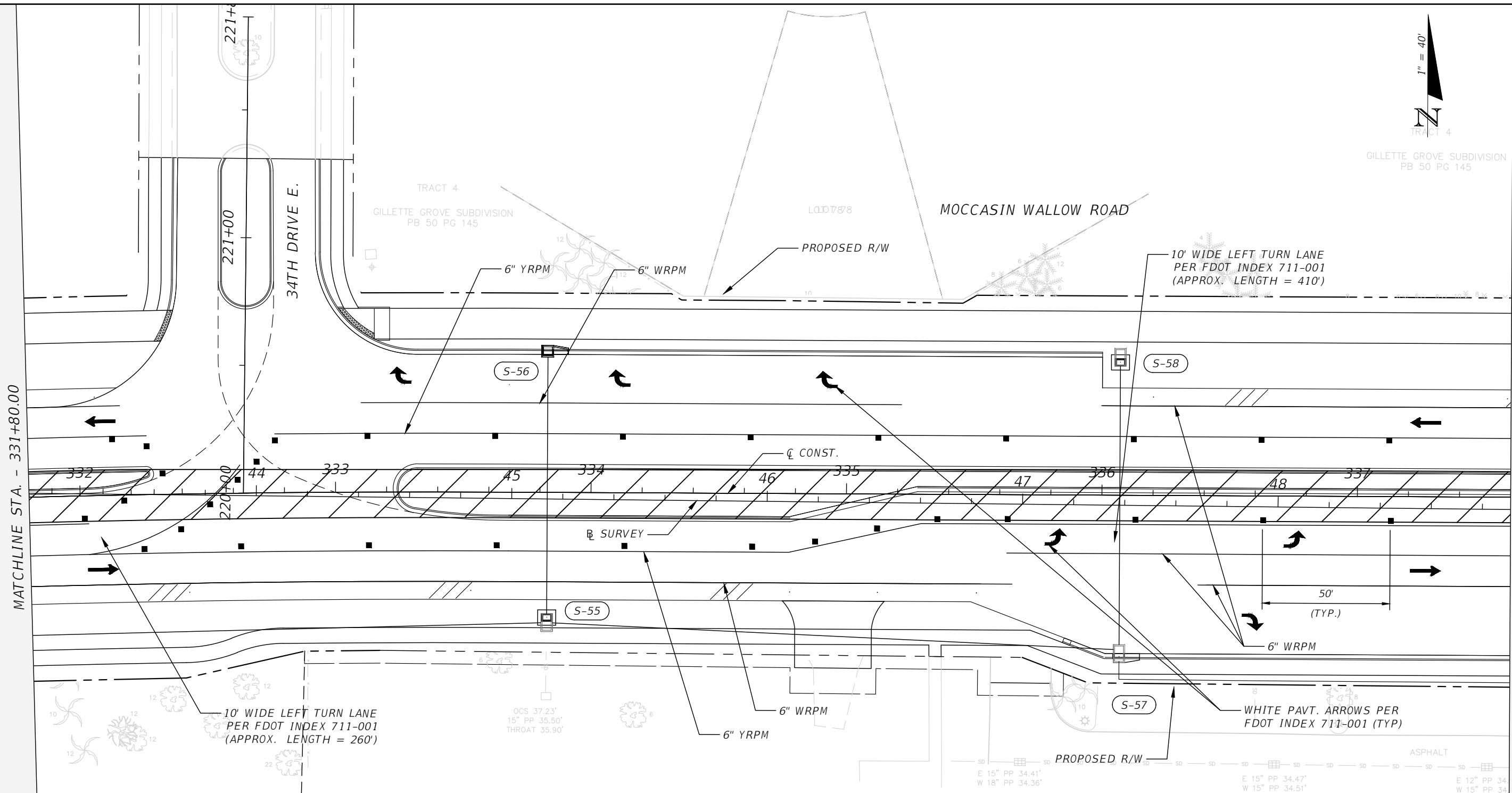
TRACT 4
GILLETTE GROVE SUBDIVISION
PB 50 PG 145

MOCCASIN WALLOW ROAD

MATCHLINE STA. - 331+80.00

MATCHLINE STA. - 337+60.00

221+00
34TH DRIVE E.



10' WIDE LEFT TURN LANE
PER FDOT INDEX 711-001
(APPROX. LENGTH = 260')

10' WIDE LEFT TURN LANE
PER FDOT INDEX 711-001
(APPROX. LENGTH = 410')






OCS 37.23'
15" PP 35.50'
THROAT 35.90'

E 15" PP 34.41'
W 18" PP 34.36'

E 15" PP 34.47'
W 15" PP 34.51'

E 12" PP 34.
W 15" PP 34.

LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

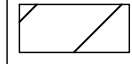




**TEMPORARY TRAFFIC CONTROL
PLAN (8) PHASE III**

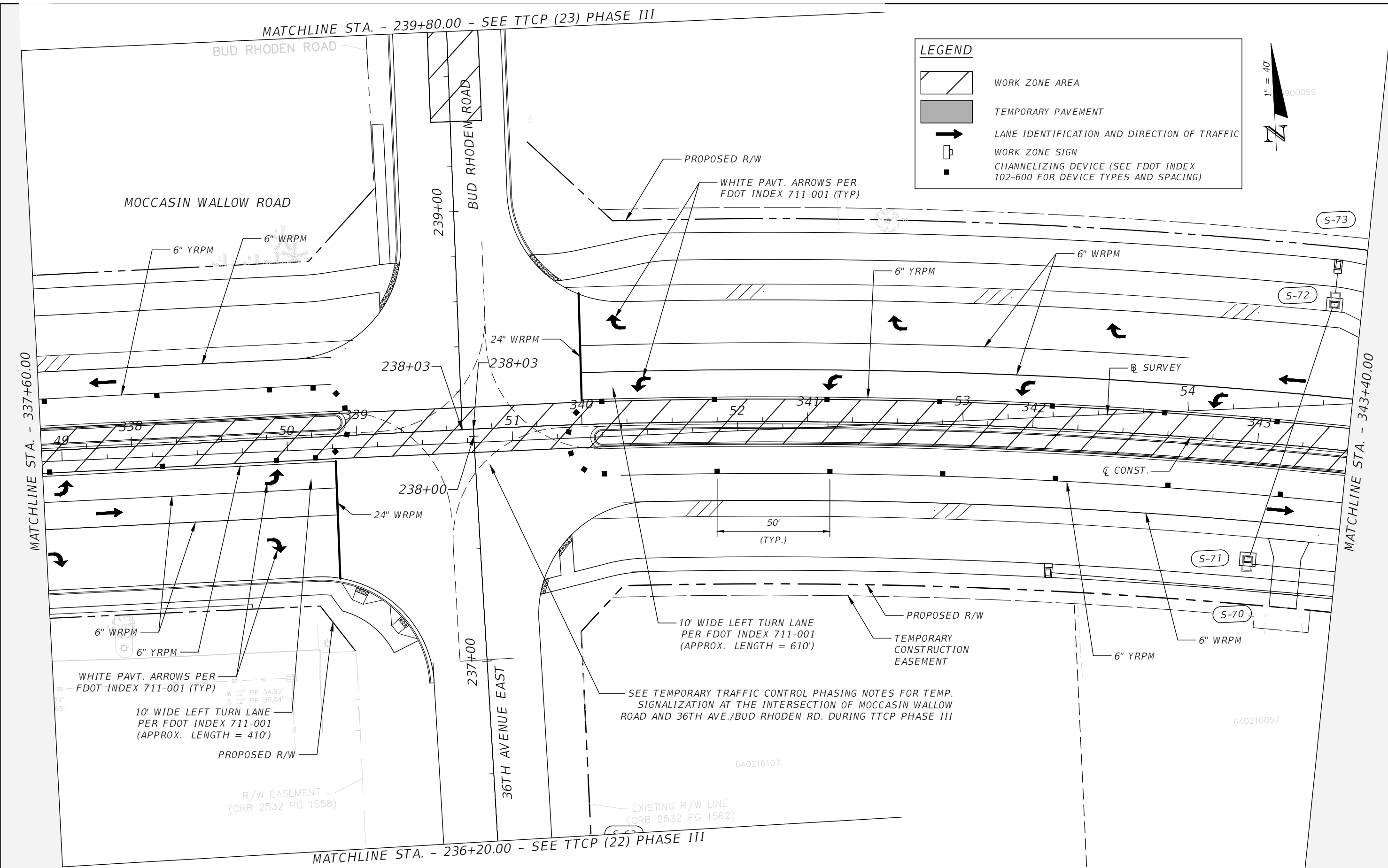
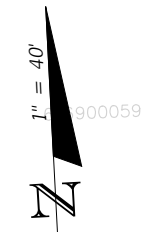
SHEET
NO.
299

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

MATCHLINE STA. - 239+80.00 - SEE TTCP (23) PHASE III

LEGEND

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



MATCHLINE STA. - 337+60.00

MATCHLINE STA. - 343+40.00

MATCHLINE STA. - 236+20.00 - SEE TTCP (22) PHASE III

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

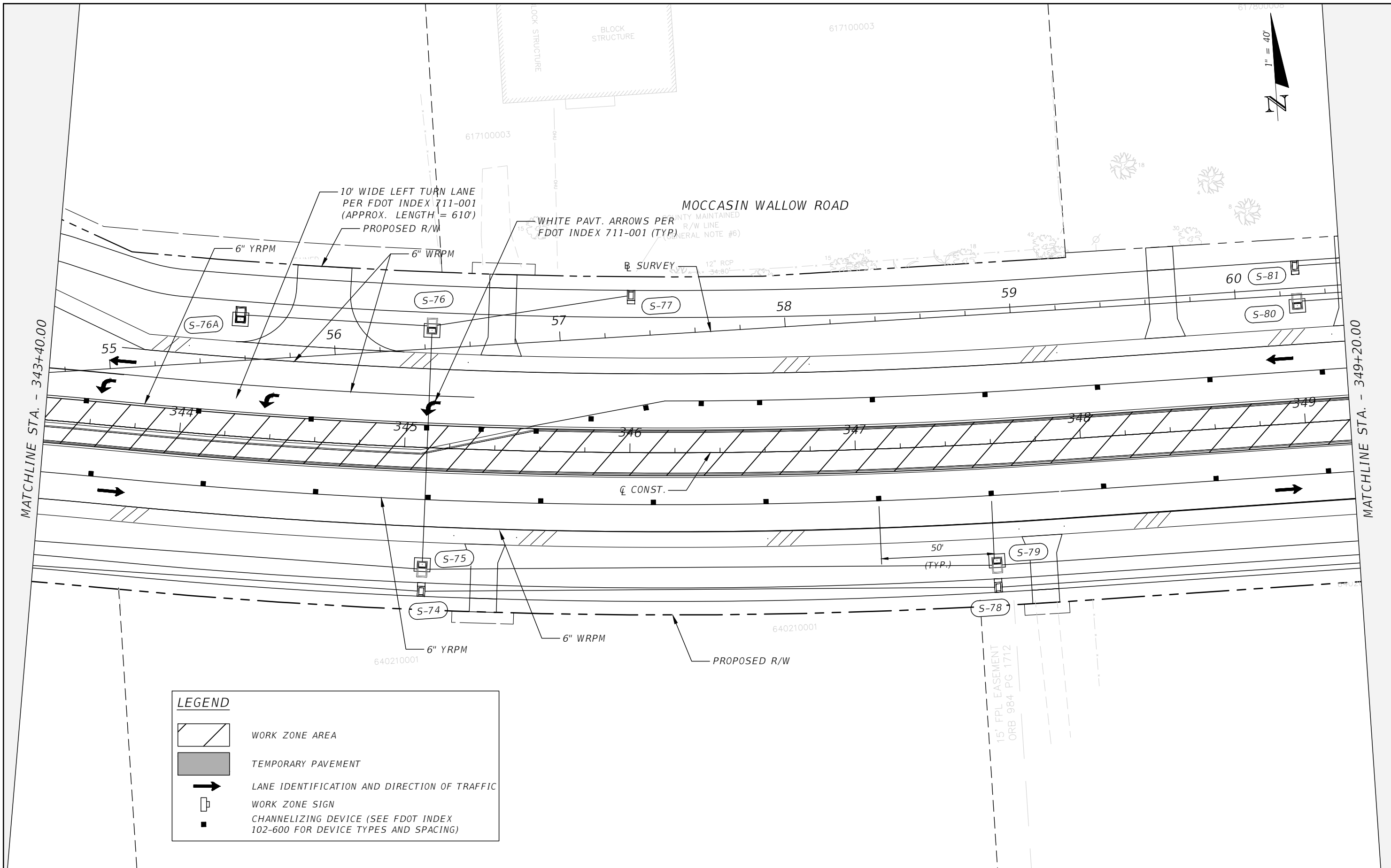
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (9) PHASE III**

SHEET NO.
 300

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



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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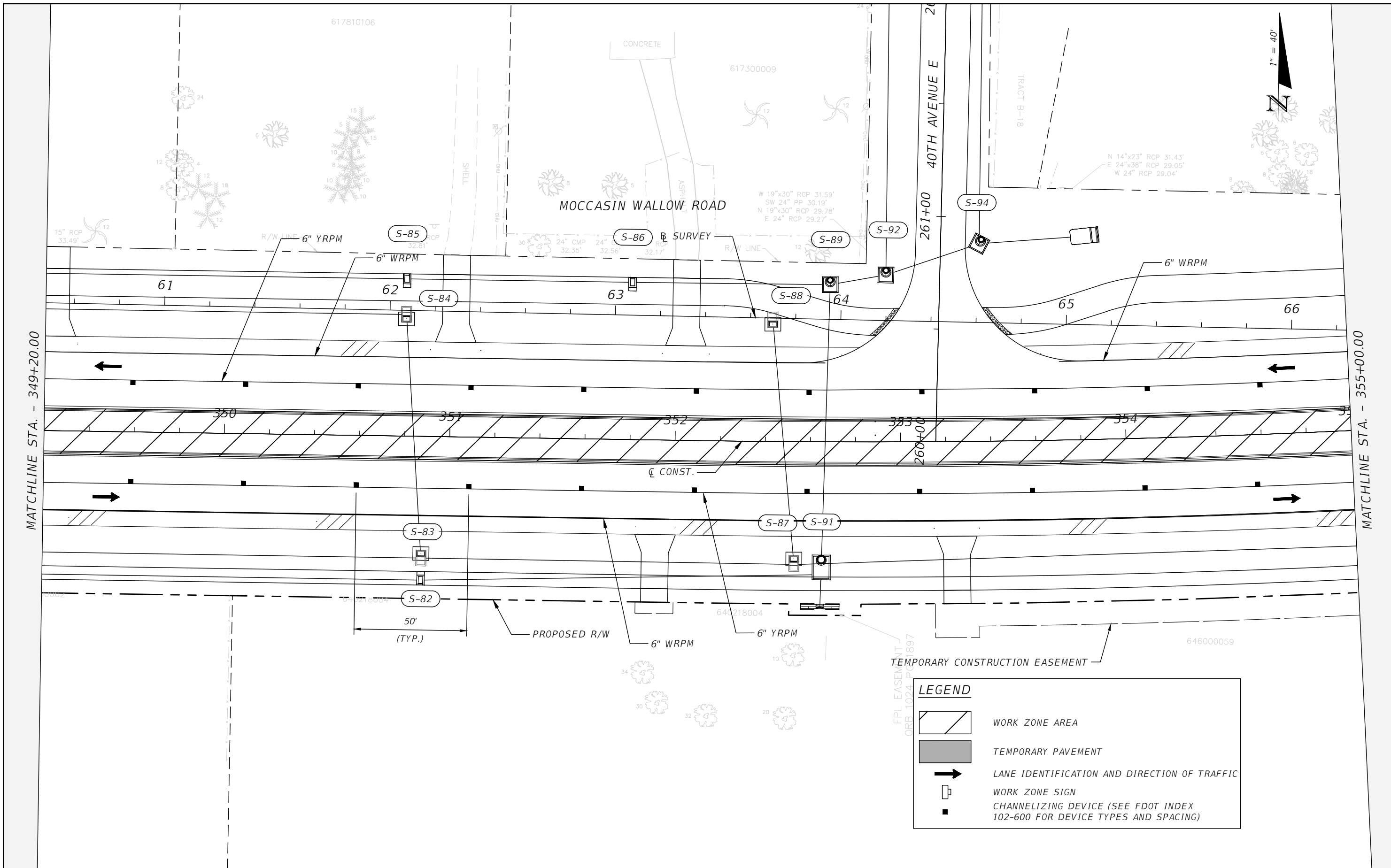
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

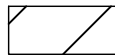




**TEMPORARY TRAFFIC CONTROL
PLAN (10) PHASE III**

SHEET NO.
301

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LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (11) PHASE III**

SHEET NO.
302

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

ARTISAN LAKES ESPLANADE
PB 61 PG 119

TRACT C-9

ARTISAN LAKES ESPLANADE
PB 57 PG 65

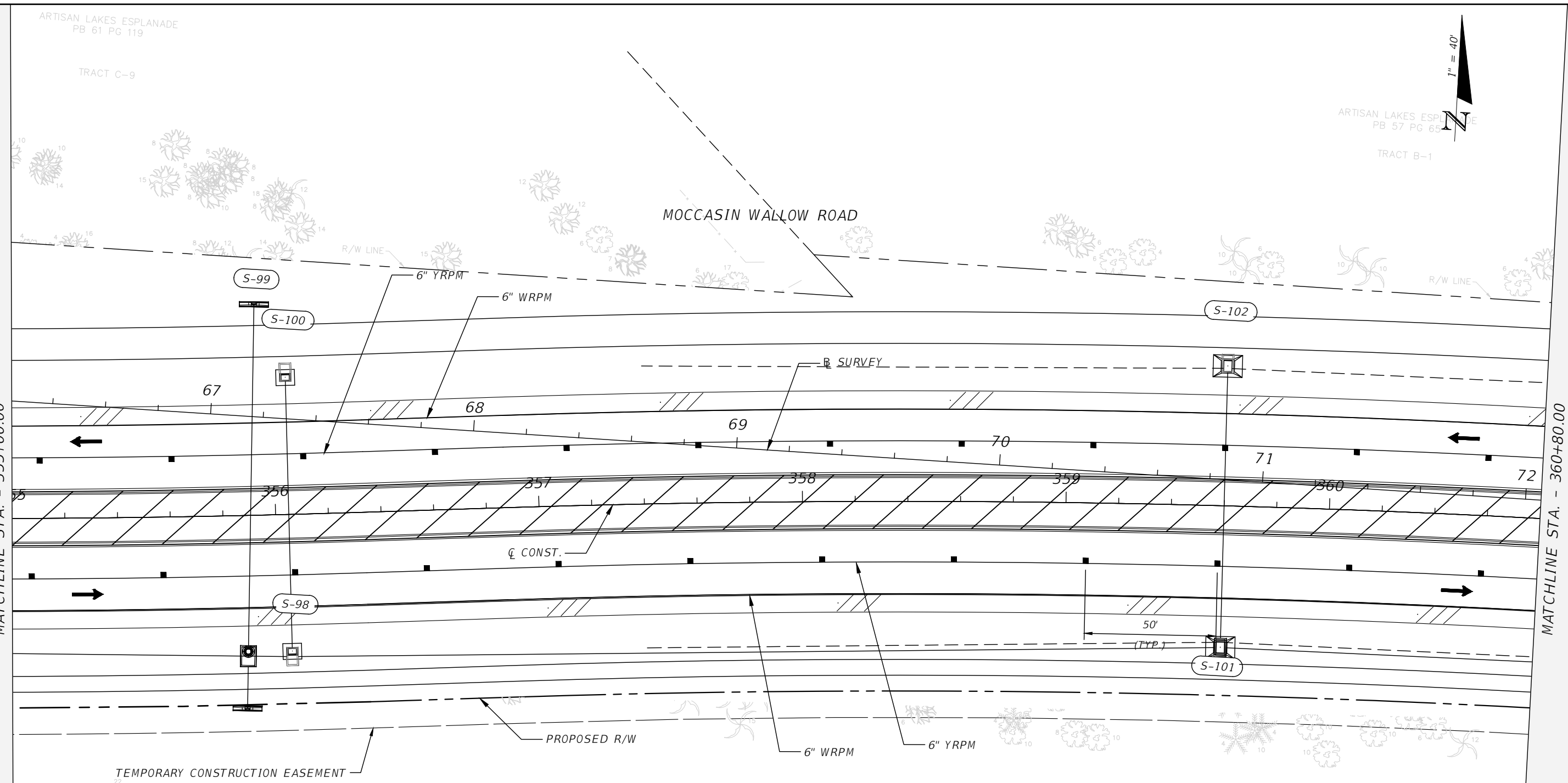
TRACT B-1



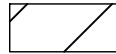




MOCCASIN WALLOW ROAD

MATCHLINE STA. - 355+00.00

MATCHLINE STA. - 360+80.00



LEGEND

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

646000059

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (12) PHASE III**

SHEET NO.
303

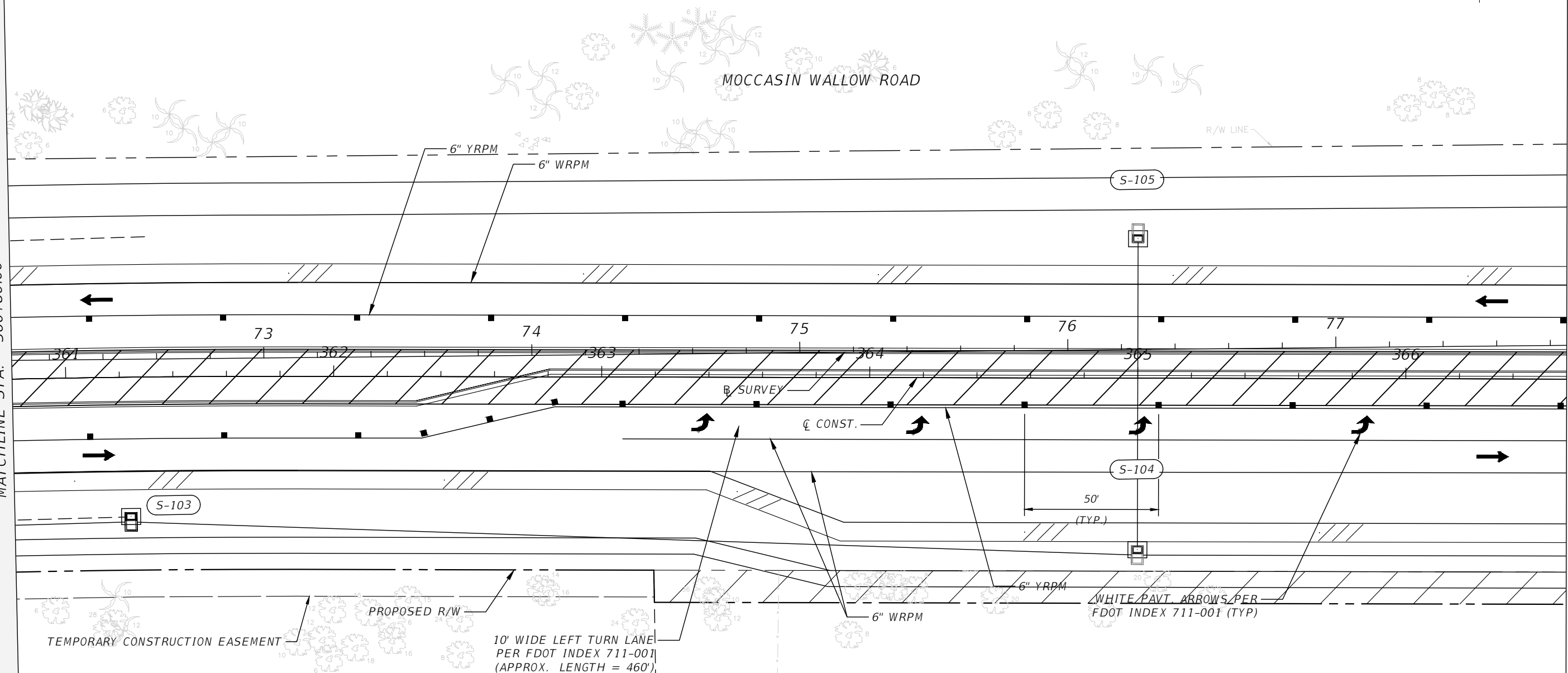
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

ARTISAN LAKES ESPLANADE
 PB 57 PG 65
 TRACT B-1

MOCCASIN WALLOW ROAD

MATCHLINE STA. - 360+80.00

MATCHLINE STA. - 366+60.00



LEGEND

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

640100004

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

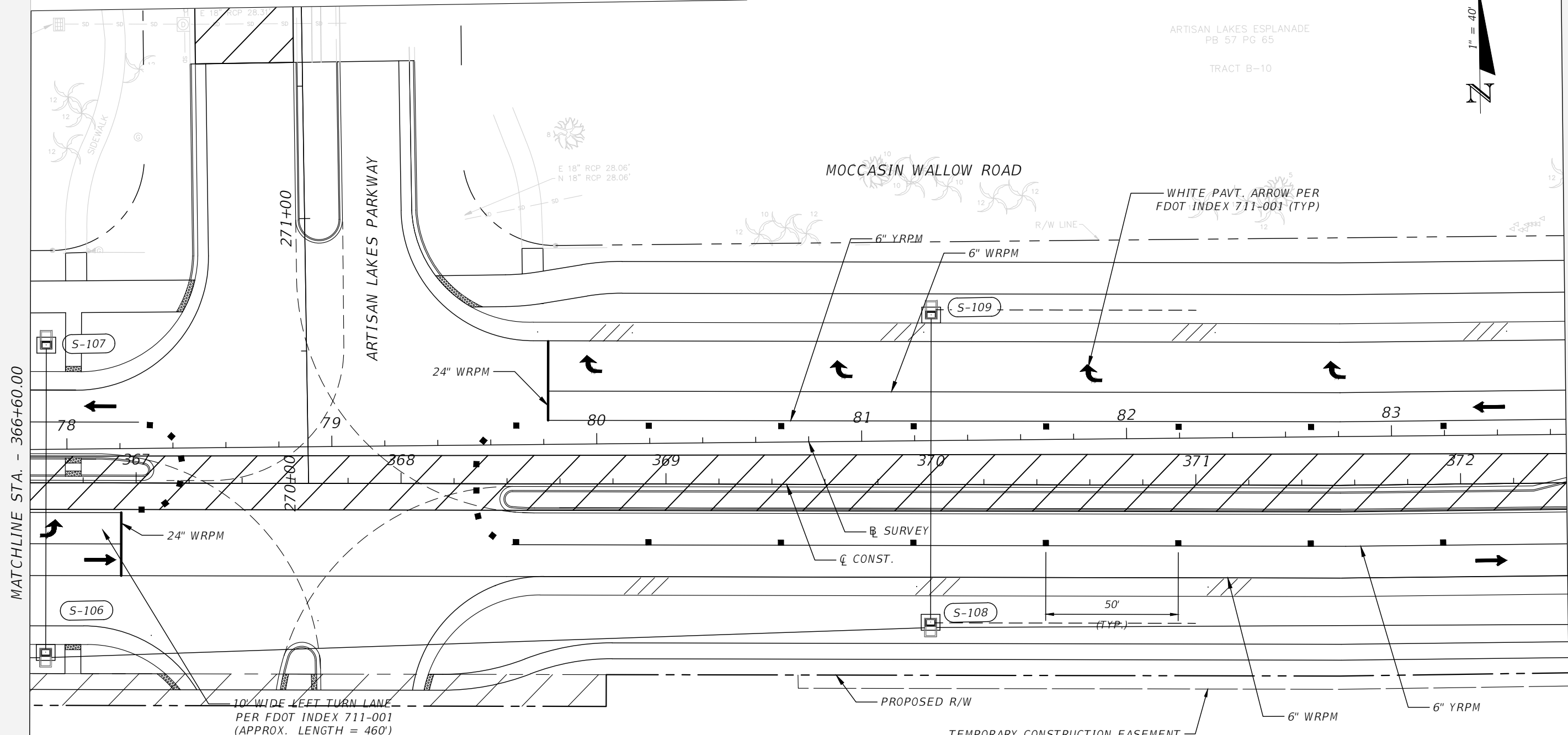
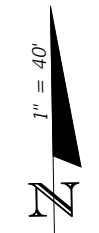
**TEMPORARY TRAFFIC CONTROL
 PLAN (13) PHASE III**

SHEET NO.
 304

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

MATCHLINE - STA 271+80.00 - SEE TTCP (24) PHASE III

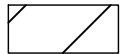




ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10



MATCHLINE STA. - 366+60.00

MATCHLINE STA. - 372+40.00

LEGEND

-  WORK ZONE AREA 640100004
-  TEMPORARY PAVEMENT
-  LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
-  WORK ZONE SIGN
-  CHANNELIZING DEVICE (SEE FDOT INDEX 102-600 FOR DEVICE TYPES AND SPACING)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

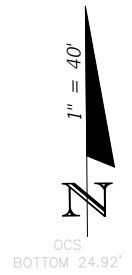
MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (14) PHASE III**

SHEET NO.
305

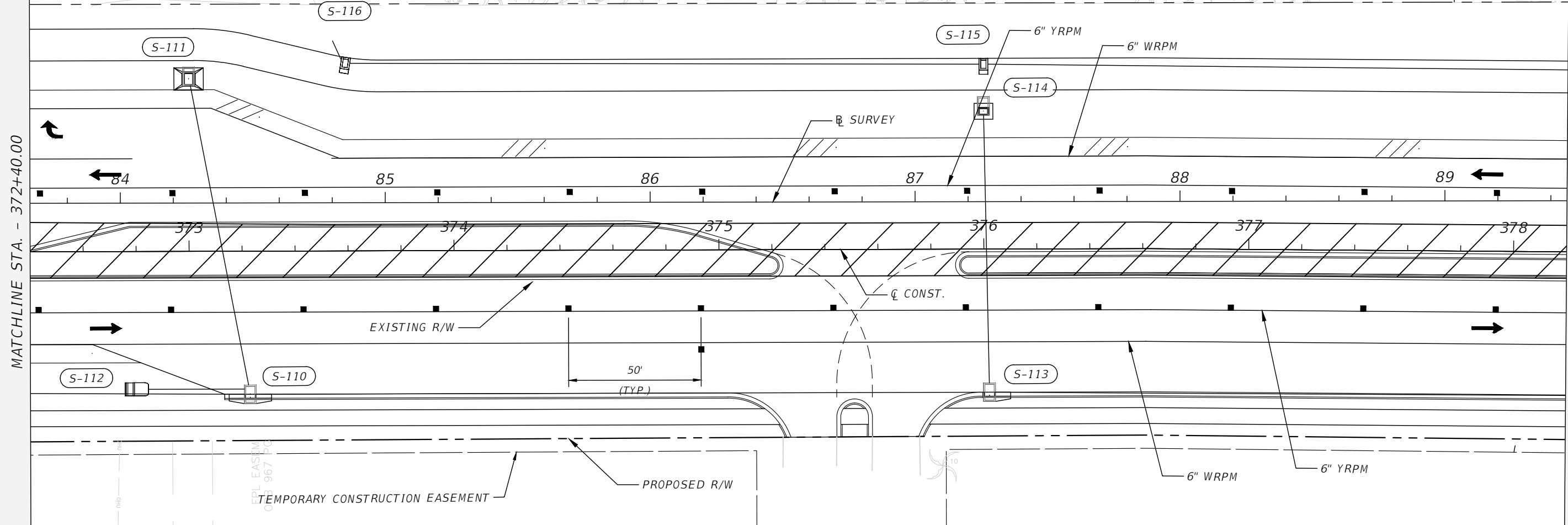
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

ARTISAN LAKES ESPLANADE
PB 57 PG 65
TRACT B-10



MOCCASIN WALLOW ROAD

R/W LINE



MATCHLINE STA. - 372+40.00

MATCHLINE STA. - 378+20.00

LEGEND

640100004

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
PLAN (15) PHASE III**

SHEET NO.
306



610900519

TRACT C-6

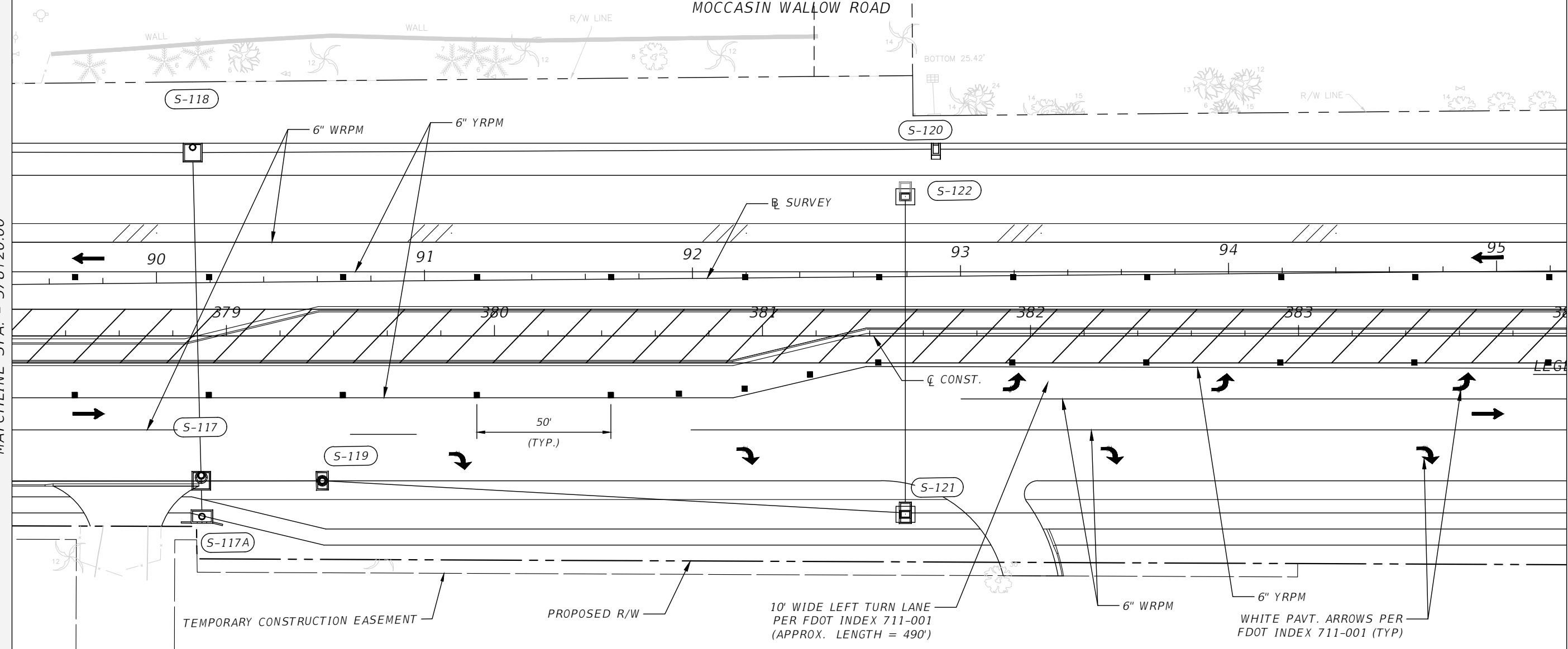
ARTISAN LAKES ESPLANADE
PB 57 PG 65

TRACT G

MOCCASIN WALLOW ROAD

MATCHLINE STA. - 378+20.00

MATCHLINE STA. - 384+00.00



LEGEND

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

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

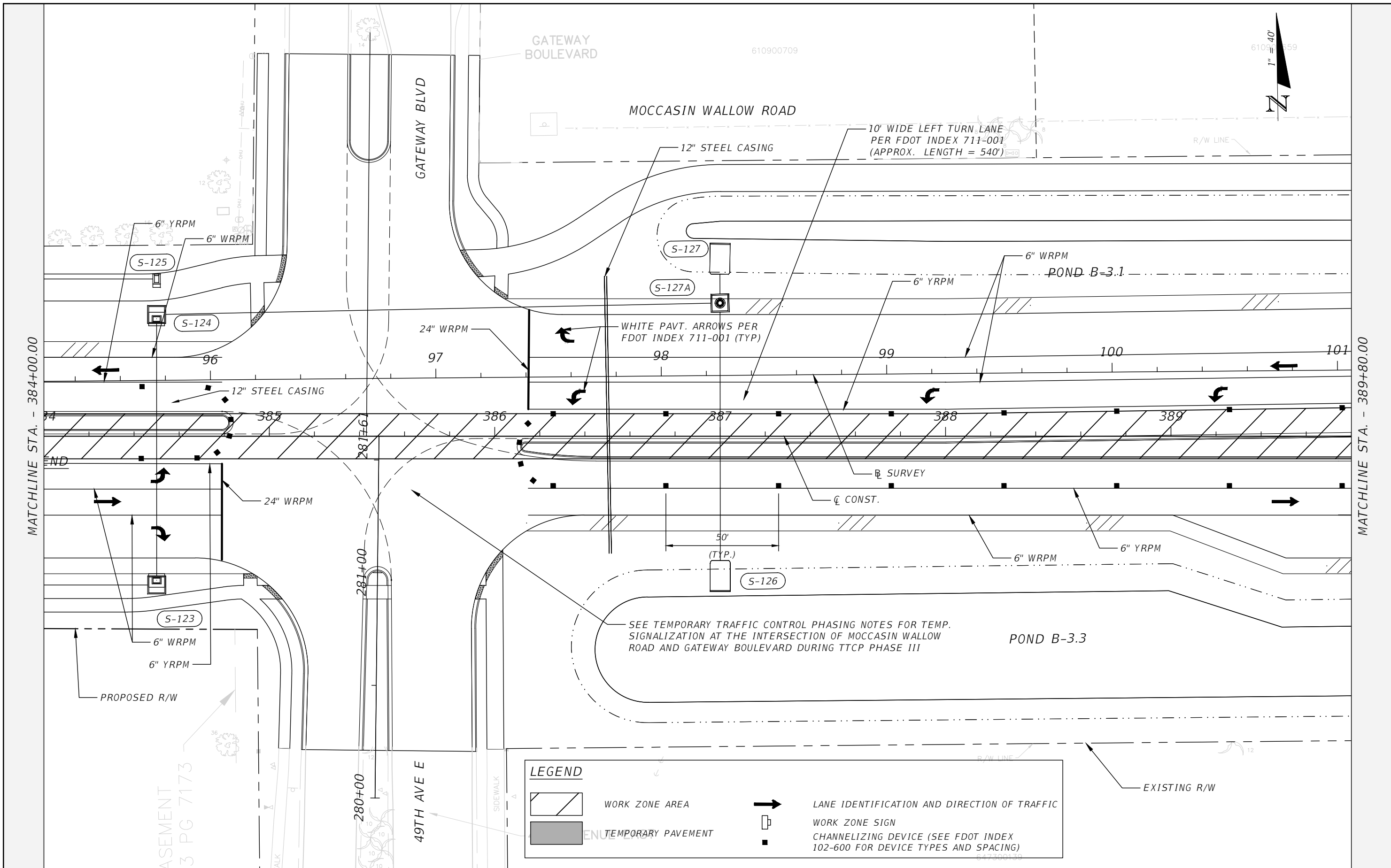
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560






**TEMPORARY TRAFFIC CONTROL
PLAN (16) PHASE III**

SHEET NO.
307

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



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (17) PHASE III**

SHEET NO.
 308

MATCHLINE STA. - 384+00.00

MATCHLINE STA. - 389+80.00

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

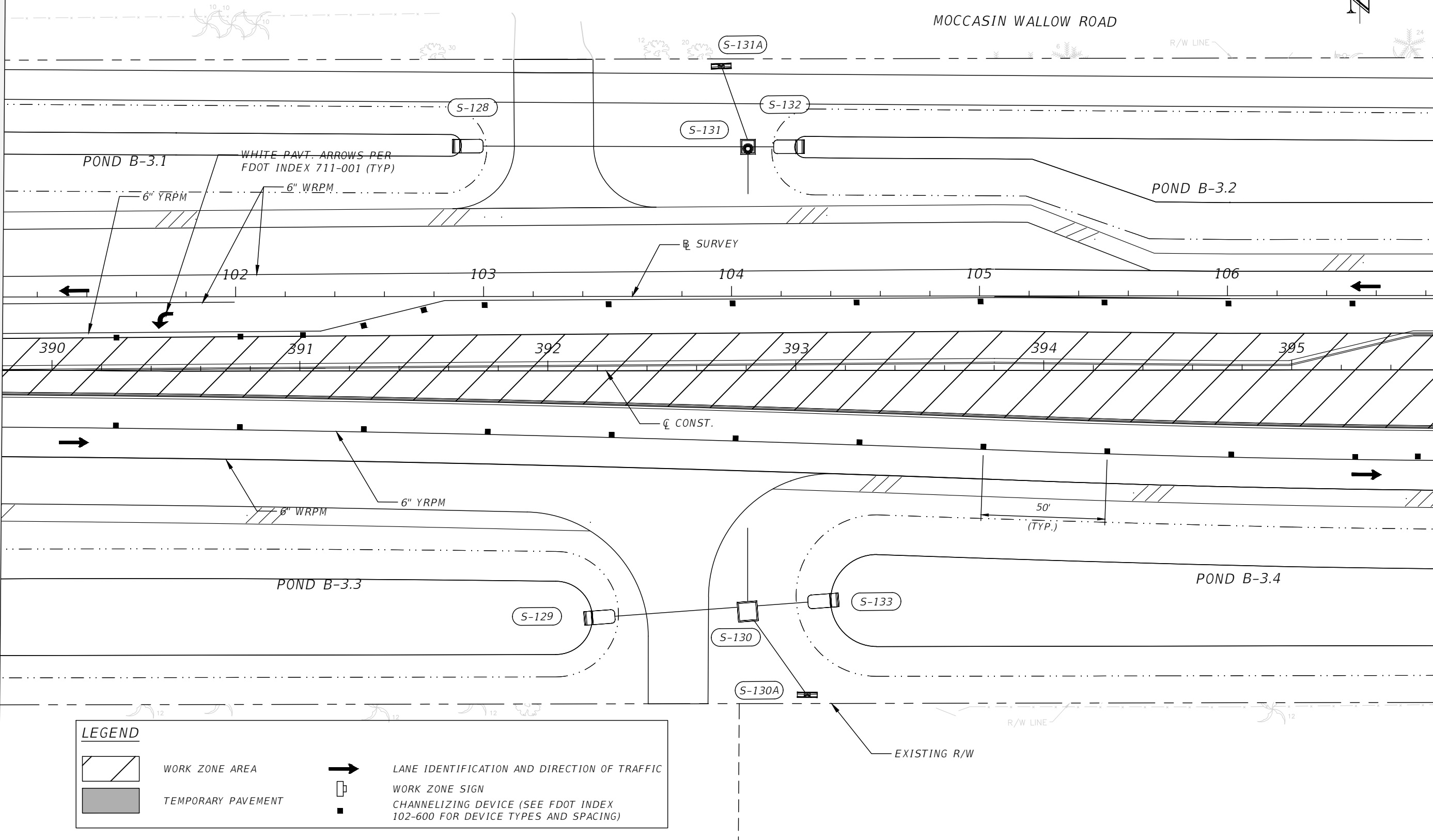


MOCCASIN WALLOW ROAD

R/W LINE

MATCHLINE STA. - 389+80.00

MATCHLINE STA. - 395+60.00



LEGEND

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

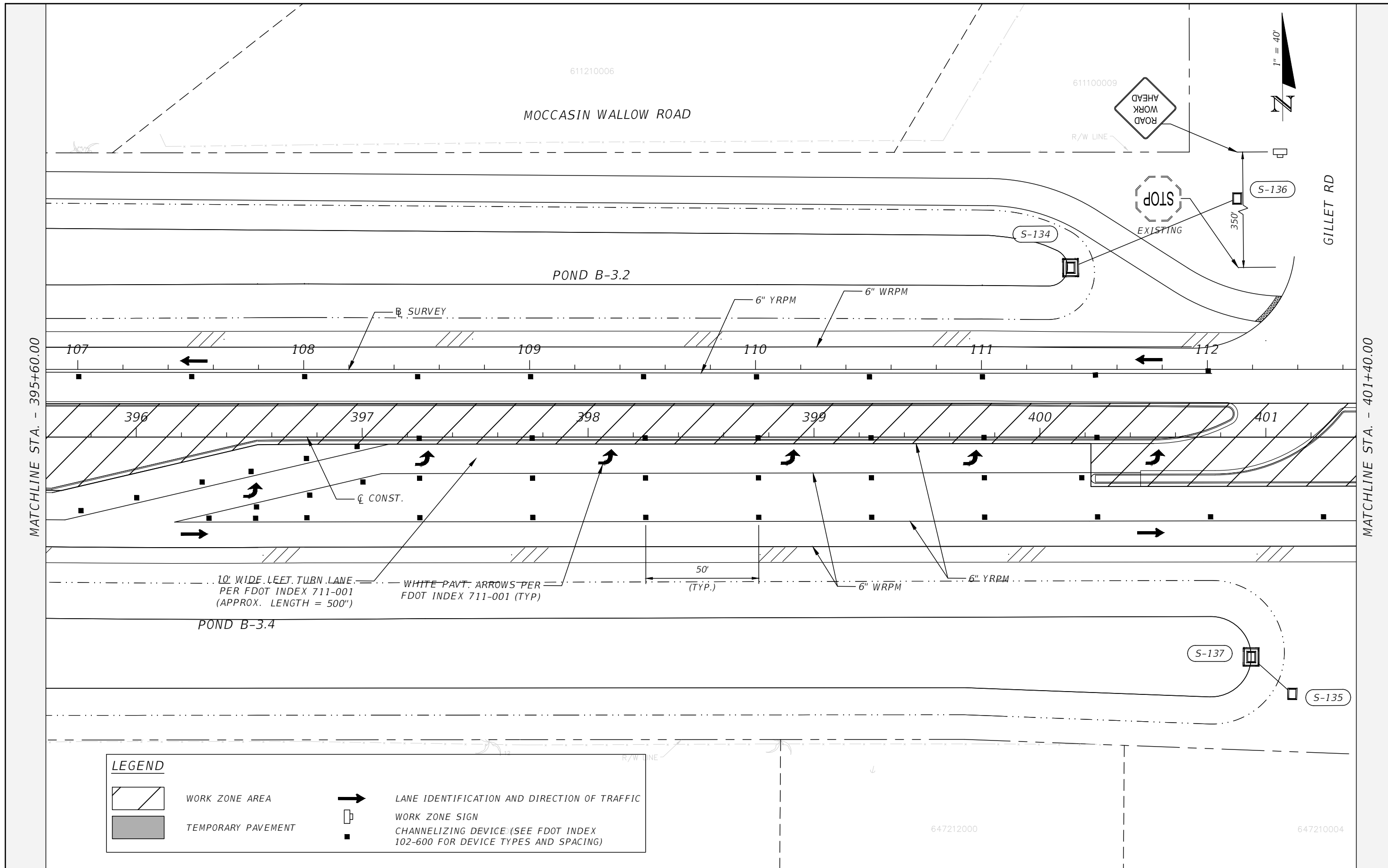
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (18) PHASE III**

SHEET NO.
309

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



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

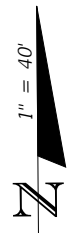
JEREMY FIORE RUNKLE, P.E.
P.E. LICENSE NUMBER 73855
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

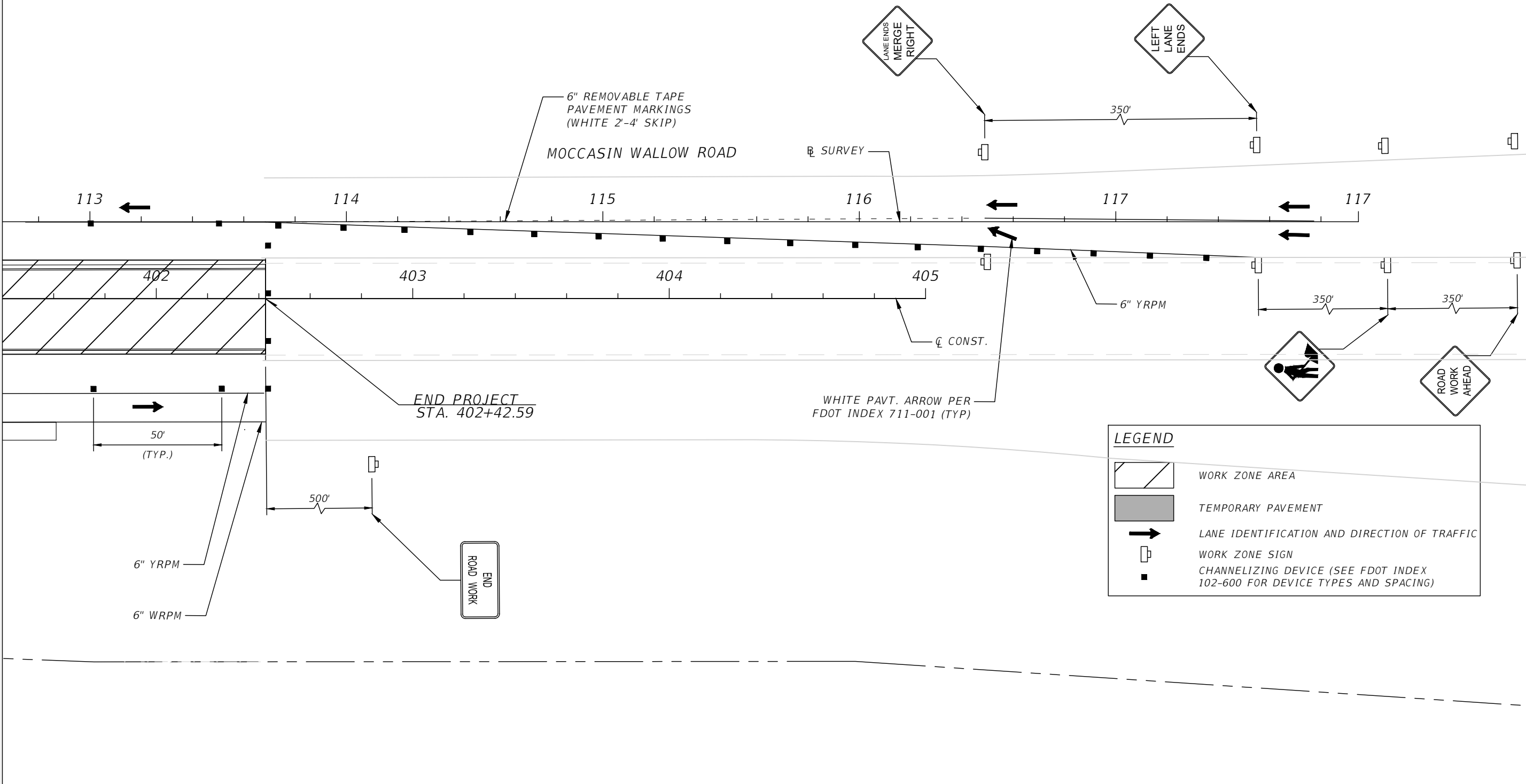
**TEMPORARY TRAFFIC CONTROL
PLAN (19) PHASE III**

SHEET NO.
310

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



MATCHLINE STA. - 401+40.00



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

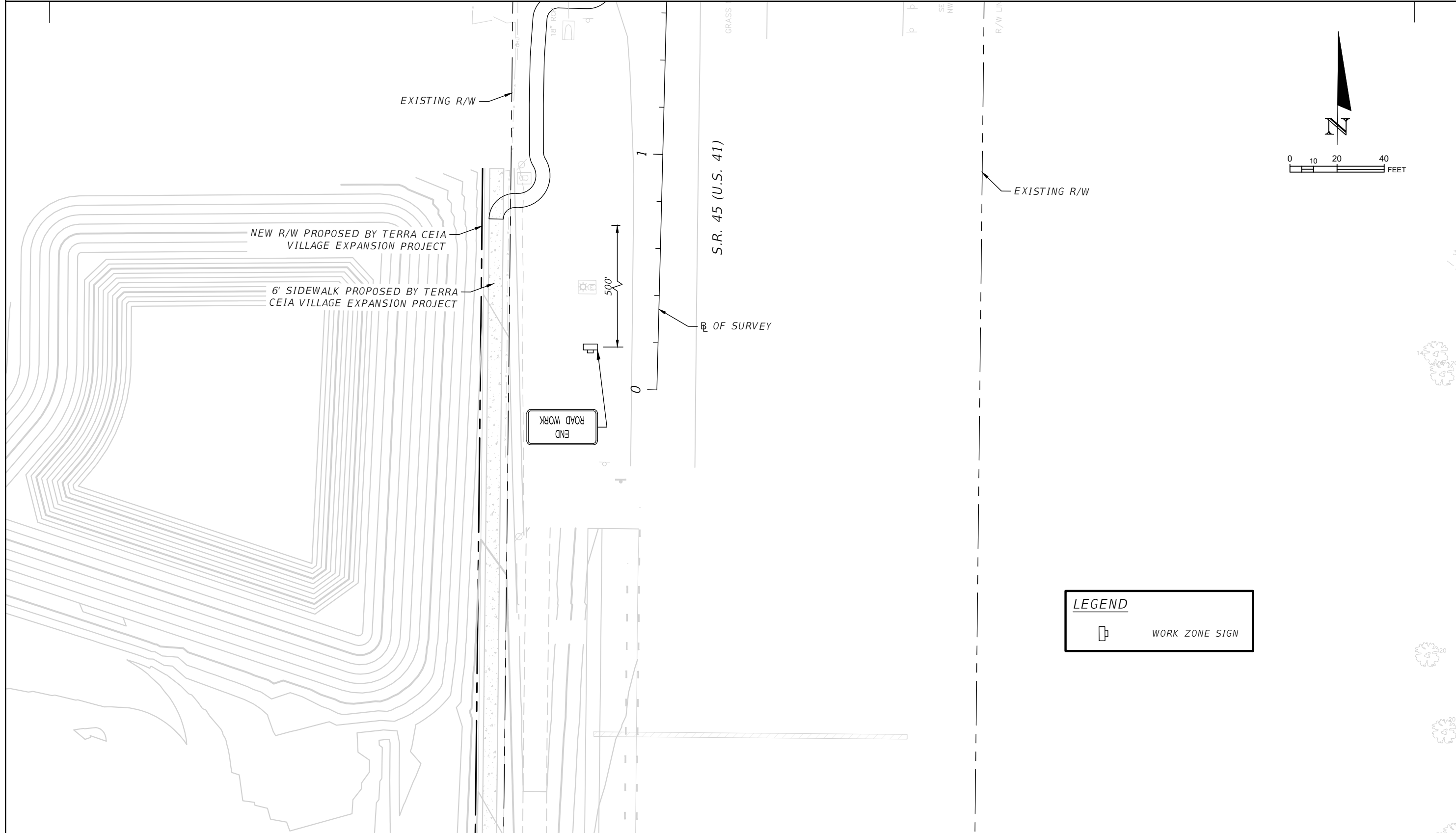
MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (20) PHASE III**

SHEET NO.
 311

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

MATCHLINE - STA 1+65.00 - SEE TTCP (2) PHASE III



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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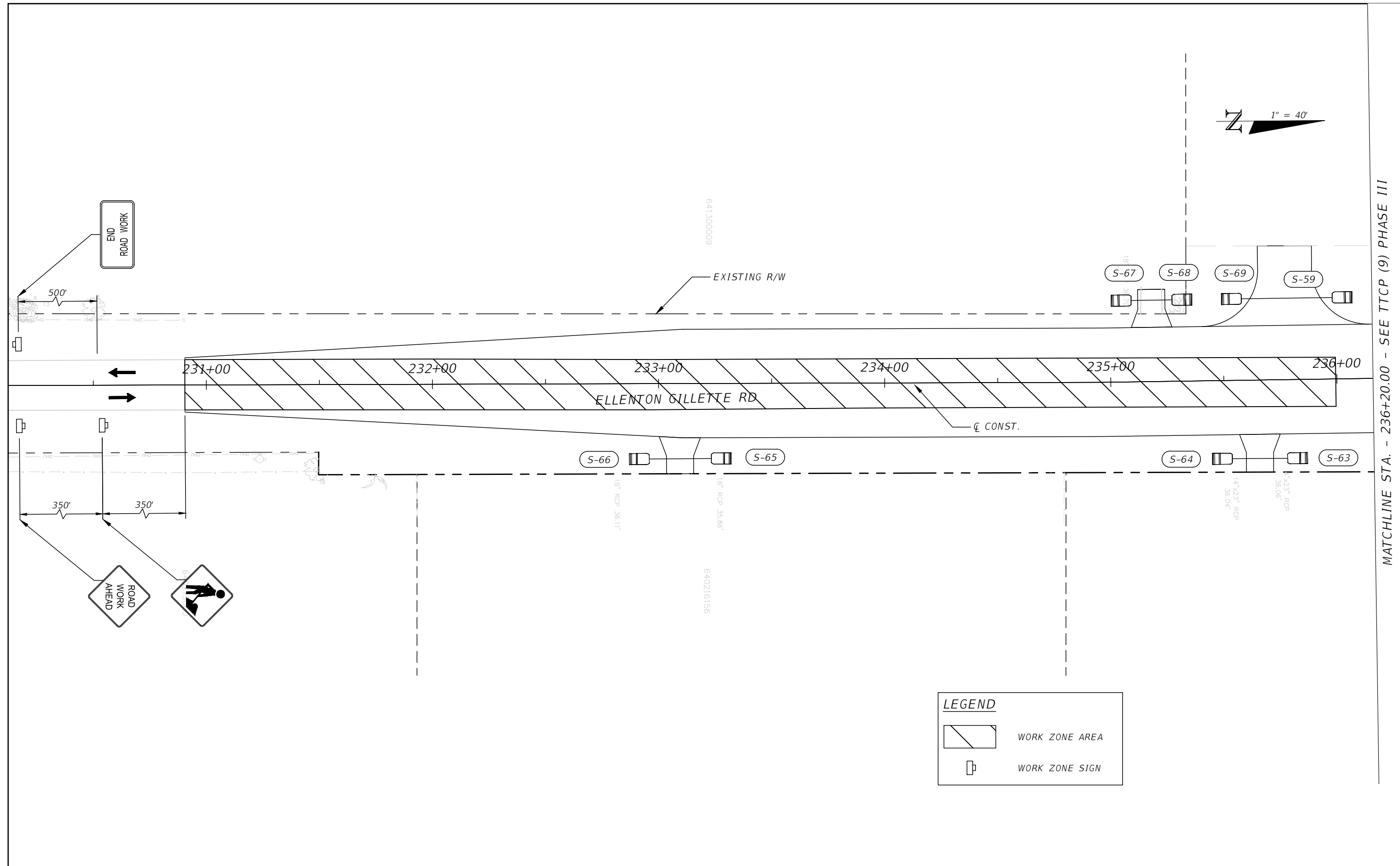
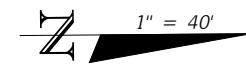
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (21) PHASE III**

SHEET NO.
 312

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

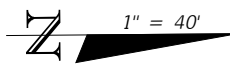


LEGEND

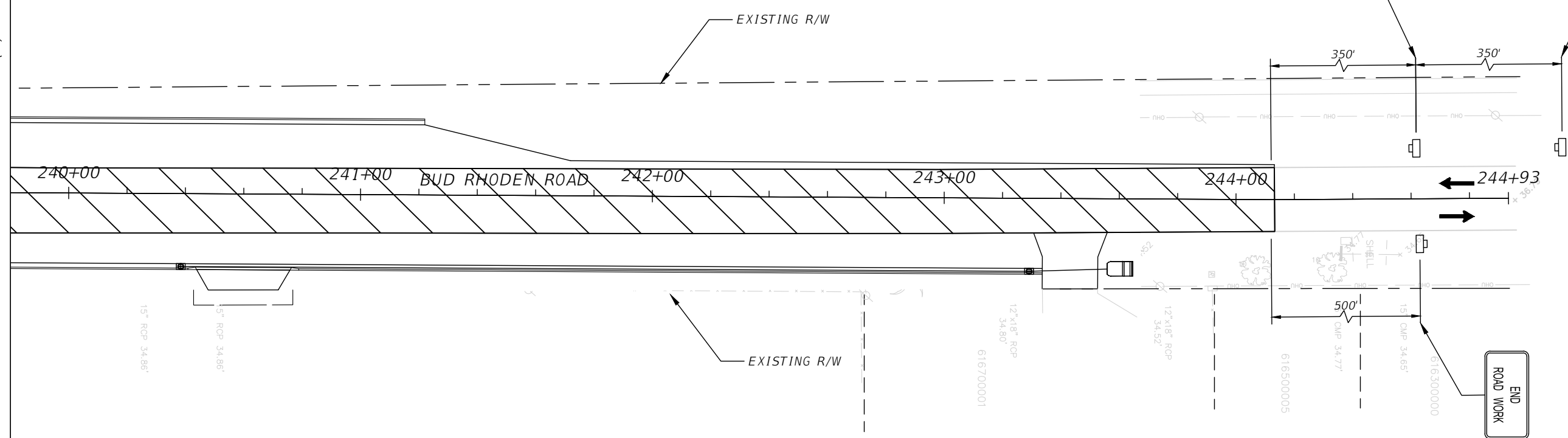
	WORK ZONE AREA
	WORK ZONE SIGN

MATCHLINE STA. - 236+20.00 - SEE TTCP (9) PHASE III

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (22) PHASE III	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		313
---	---	---	---		MOCCASIN WALLOW RD	6092560		



MATCHLINE STA. - 239+80.00 - SEE TTCP (9) PHASE II



LEGEND	
	WORK ZONE AREA
	WORK ZONE SIGN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

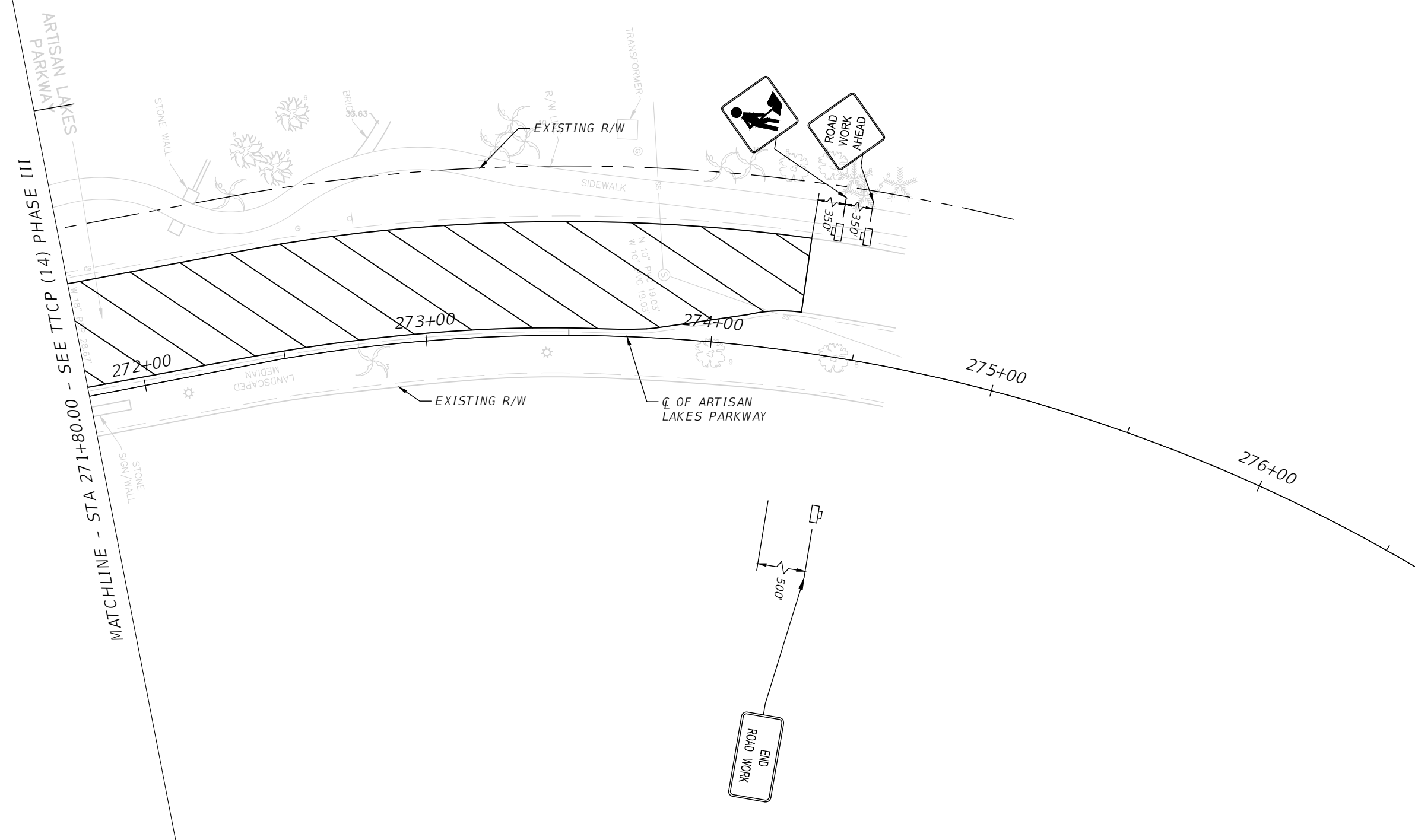
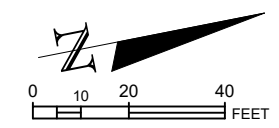
JEREMY FIORE RUNKLE, P.E.
 P.E. LICENSE NUMBER 73855
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

**TEMPORARY TRAFFIC CONTROL
 PLAN (23) PHASE III**

SHEET
 NO.
 314

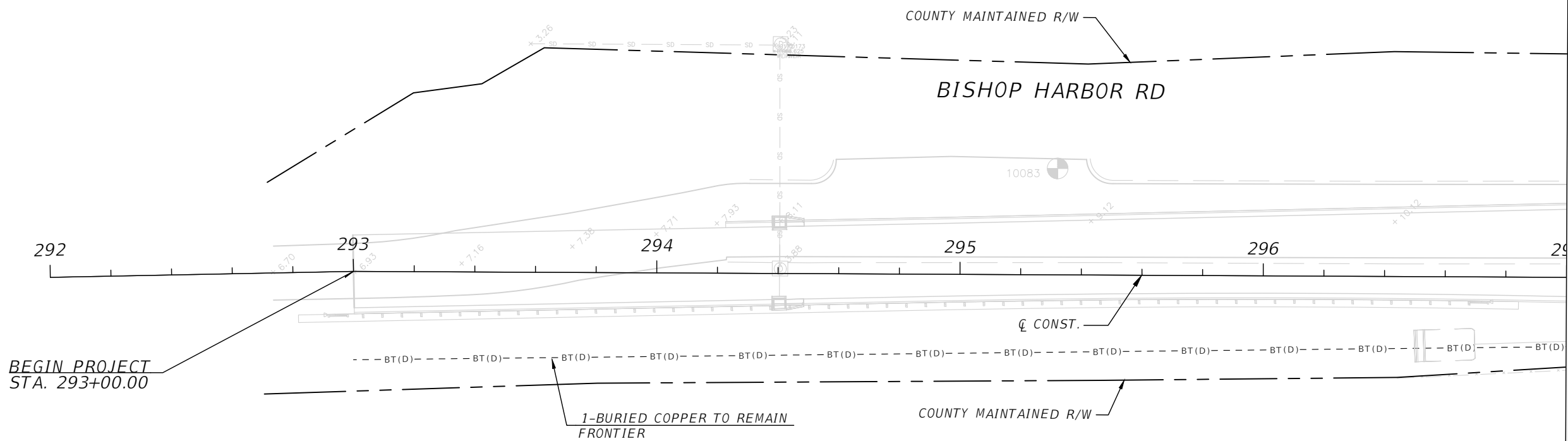
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



ARTISAN LAKES PARKWAY

REVISIONS				JEREMY FIORE RUNKLE, P.E. P.E. LICENSE NUMBER 73855 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		TEMPORARY TRAFFIC CONTROL PLAN (24) PHASE III	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		315
---	---	---	---		MOCCASIN WALLOW RD	6092560		

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

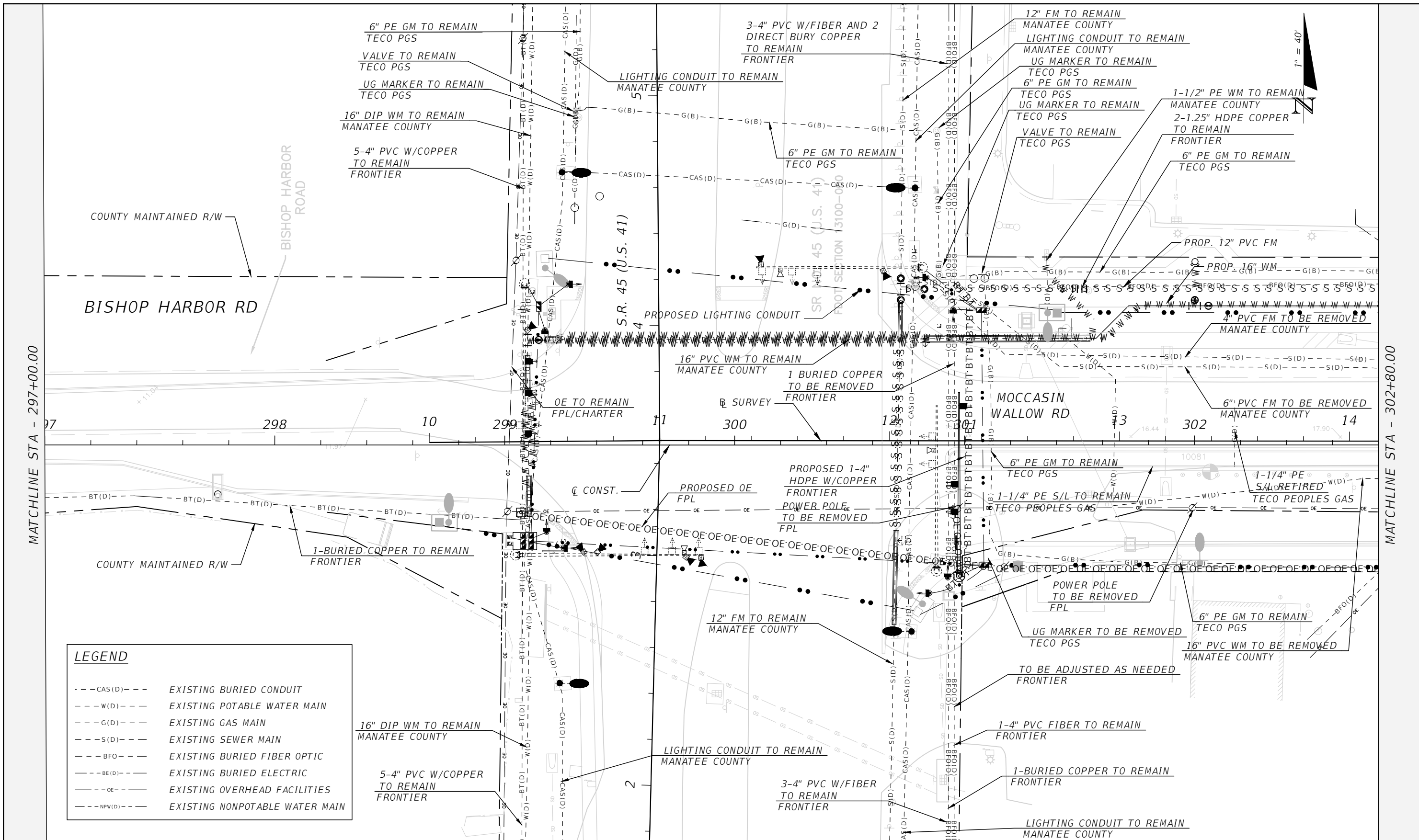


LEGEND	
--- CAS (D) ---	EXISTING BURIED CONDUIT
--- W (D) ---	EXISTING POTABLE WATER MAIN
--- G (D) ---	EXISTING GAS MAIN
--- S (D) ---	EXISTING SEWER MAIN
--- BFO ---	EXISTING BURIED FIBER OPTIC
--- BE (D) ---	EXISTING BURIED ELECTRIC
--- OE ---	EXISTING OVERHEAD FACILITIES
--- NPW (D) ---	EXISTING NONPOTABLE WATER MAIN

MATCHLINE STA - 297+00.00

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

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		UTILITY ADJUSTMENTS (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		316



LEGEND

---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

MATCHLINE - STA 1+75.00 - SEE PLAN (21)

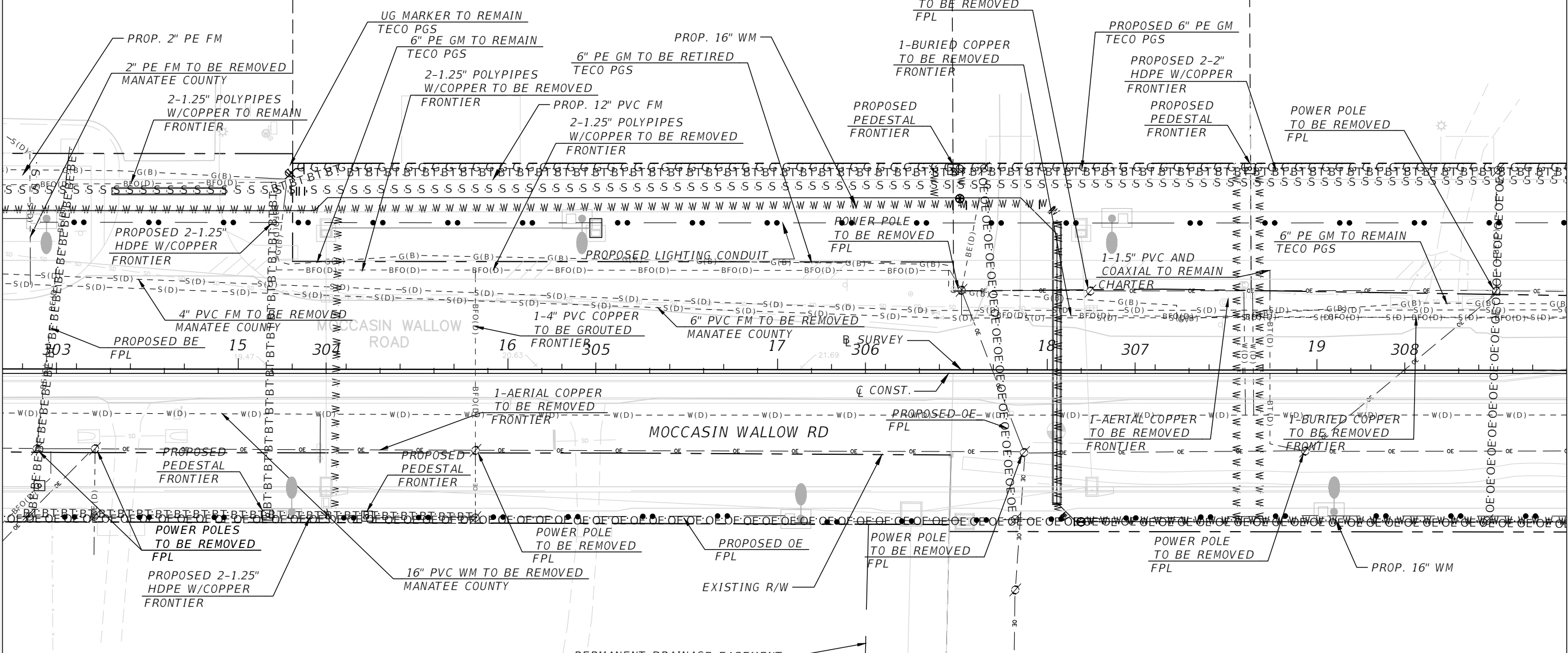
<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th colspan="2"></th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915</p>		<p>MANATEE COUNTY</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>PROJECT ID</th> </tr> <tr> <td>MOCCASIN WALLOW RD</td> <td>6092560</td> </tr> </table>		ROAD NO.	PROJECT ID	MOCCASIN WALLOW RD	6092560	<p>UTILITY ADJUSTMENTS (2)</p>		<p>SHEET NO. 317</p>	
REVISIONS																											
DATE	DESCRIPTION	DATE	DESCRIPTION																								
ROAD NO.	PROJECT ID																										
MOCCASIN WALLOW RD	6092560																										

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



MATCHLINE STA - 302+80.00

MATCHLINE STA - 308+60.00



LEGEND	
--- CAS (D) ---	EXISTING BURIED CONDUIT
--- W (D) ---	EXISTING POTABLE WATER MAIN
--- G (D) ---	EXISTING GAS MAIN
--- S (D) ---	EXISTING SEWER MAIN
--- BFO ---	EXISTING BURIED FIBER OPTIC
--- BE (D) ---	EXISTING BURIED ELECTRIC
--- OE ---	EXISTING OVERHEAD FACILITIES
--- NPW (D) ---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (3)

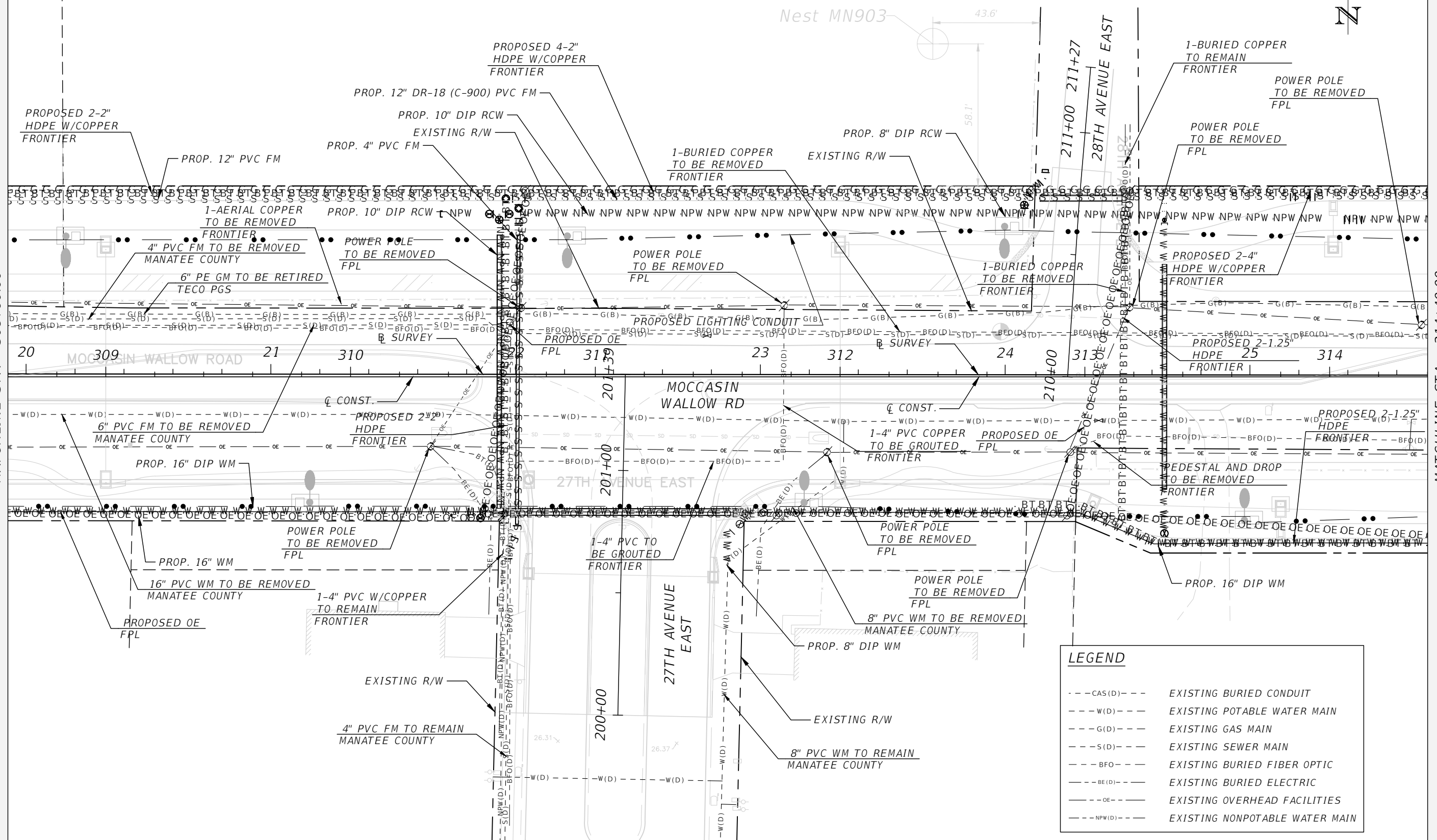
SHEET NO.	318
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA - 308+60.00

MATCHLINE STA - 314+40.00



LEGEND	
--- CAS(D) ---	EXISTING BURIED CONDUIT
--- W(D) ---	EXISTING POTABLE WATER MAIN
--- G(D) ---	EXISTING GAS MAIN
--- S(D) ---	EXISTING SEWER MAIN
--- BFO ---	EXISTING BURIED FIBER OPTIC
--- BE(D) ---	EXISTING BURIED ELECTRIC
--- OE ---	EXISTING OVERHEAD FACILITIES
--- NPW(D) ---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

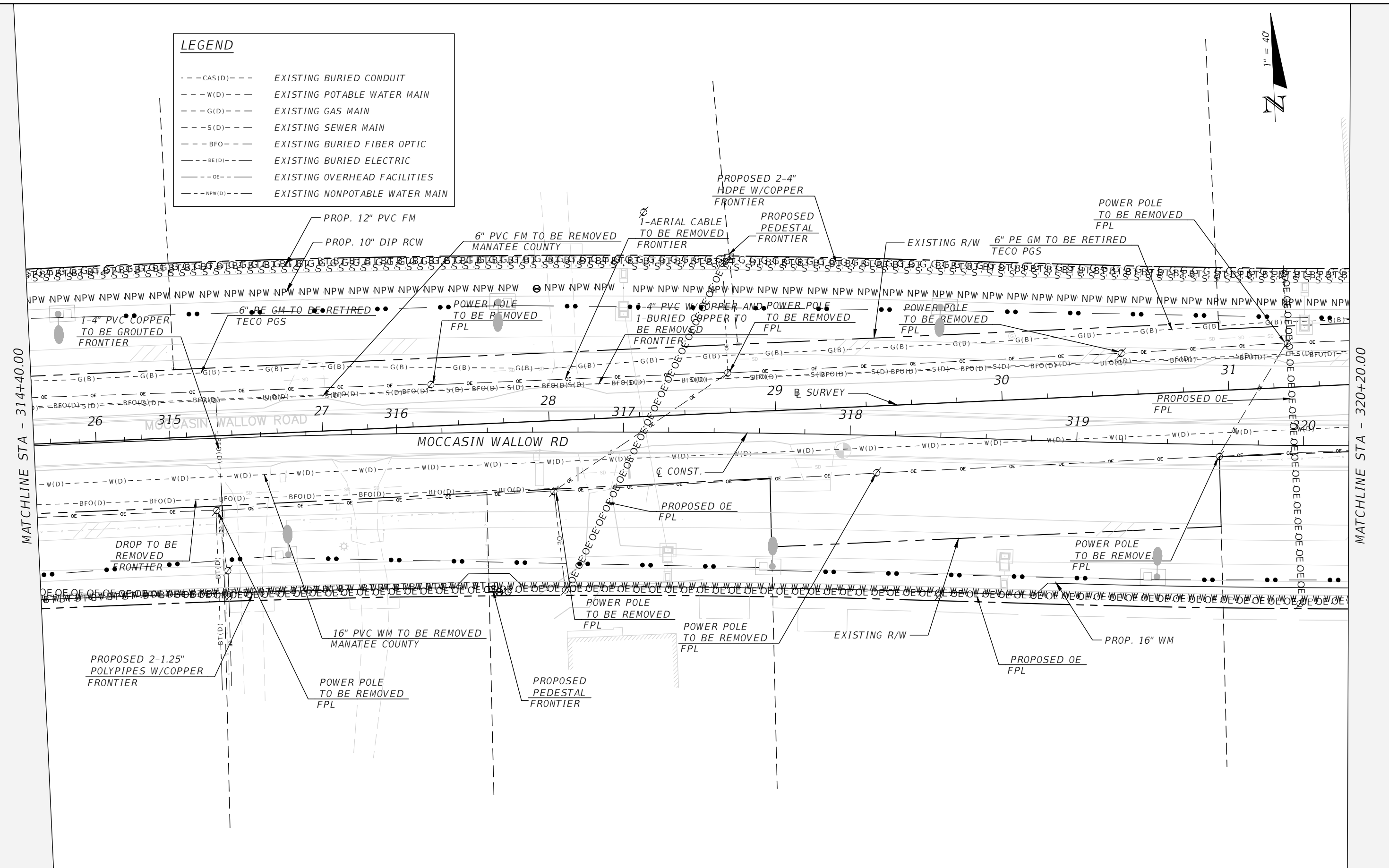
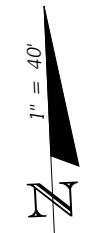
UTILITY ADJUSTMENTS (4)

SHEET NO.
319

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

LEGEND

---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

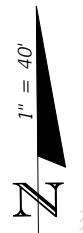


MATCHLINE STA - 314+40.00

MATCHLINE STA - 320+20.00

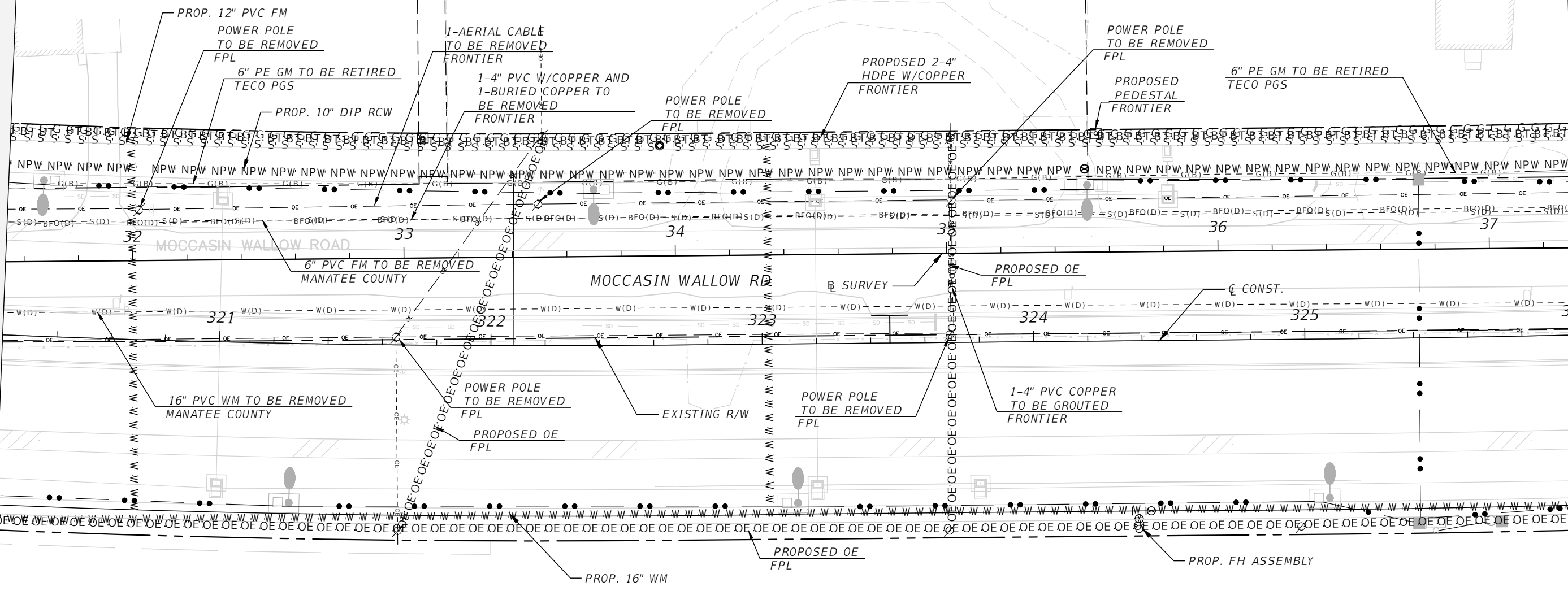
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<p style="text-align: center;">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915</p>		<p style="text-align: center;">MANATEE COUNTY</p> <table border="1"> <tr> <td>ROAD NO.</td> <td>PROJECT ID</td> </tr> <tr> <td>MOCCASIN WALLOW RD</td> <td>6092560</td> </tr> </table>		ROAD NO.	PROJECT ID	MOCCASIN WALLOW RD	6092560	<p style="text-align: center;">UTILITY ADJUSTMENTS (5)</p>		<p>SHEET NO.</p> <p style="text-align: center;">320</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																			
ROAD NO.	PROJECT ID																					
MOCCASIN WALLOW RD	6092560																					



MATCHLINE STA - 320+20.00

MATCHLINE STA - 326+00.00



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

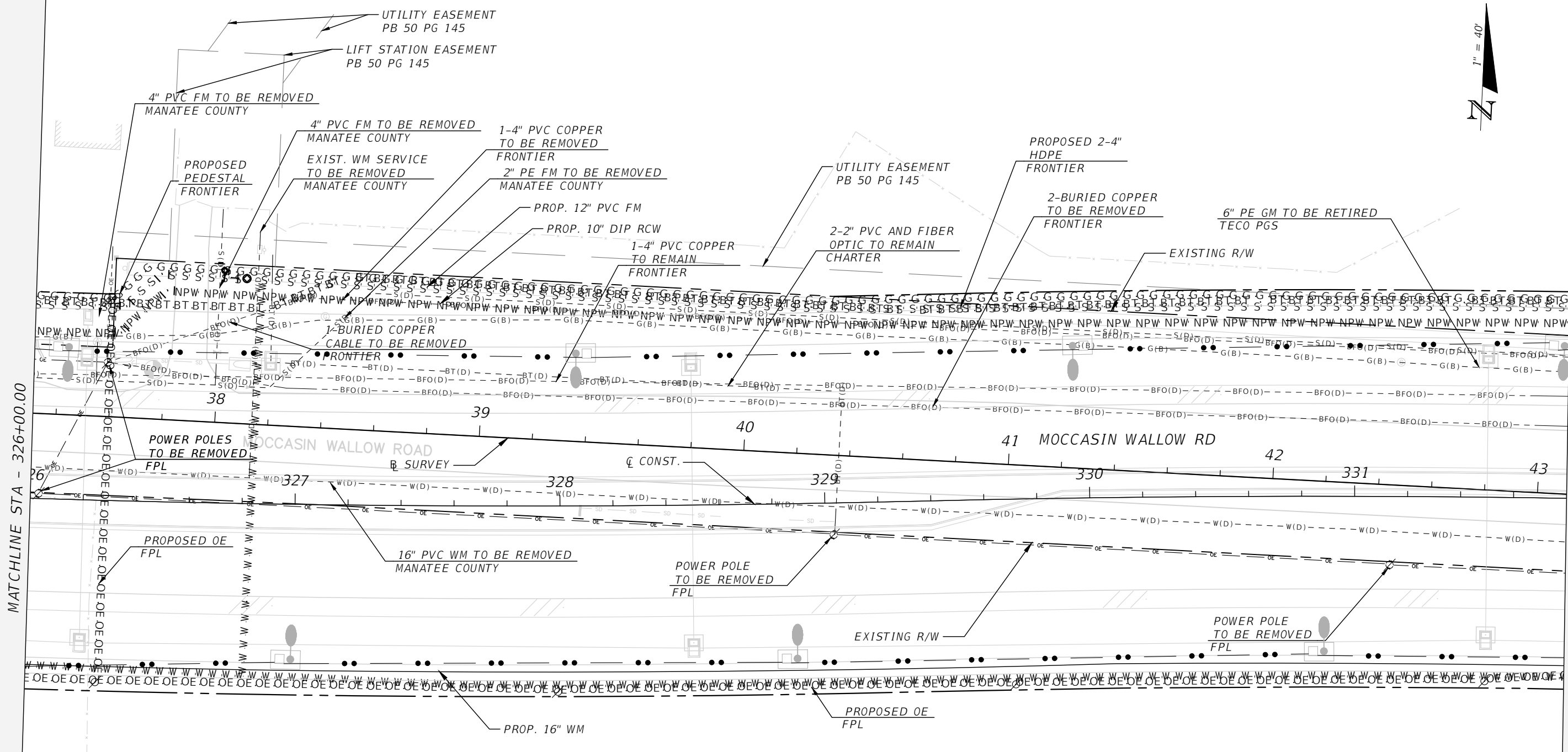
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (6)

SHEET NO.
321

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



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

MATCHLINE STA - 326+00.00

MATCHLINE STA - 331+80.00

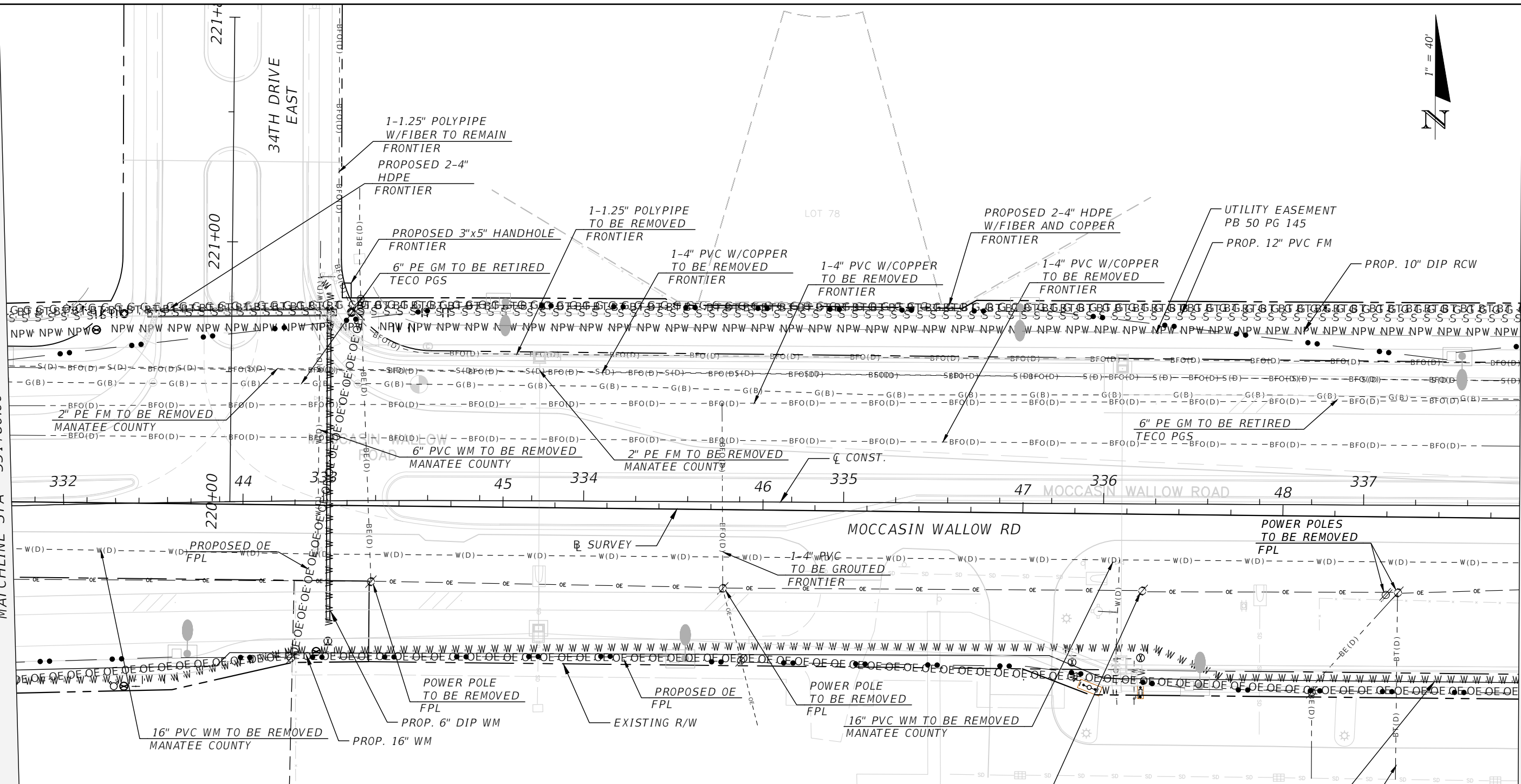
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REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. UTILITY ADJUSTMENTS (7) 322
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
---	---	---	---		MOCCASIN WALLOW RD	6092560	



MATCHLINE STA - 331+80.00

MATCHLINE STA - 337+60.00



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (8)

SHEET NO.
323

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

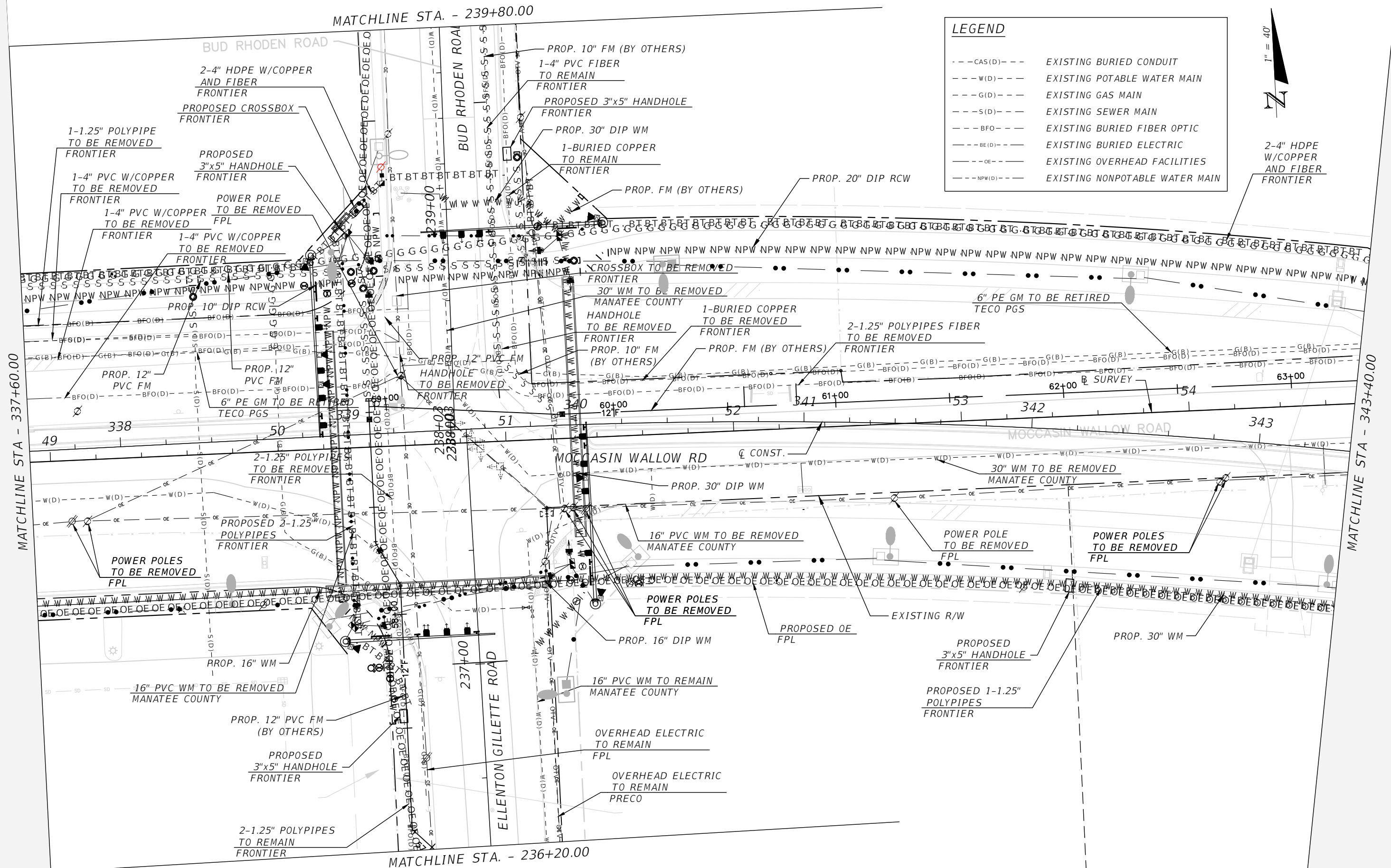
MATCHLINE STA. - 239+80.00

LEGEND	
--- CAS(D) ---	EXISTING BURIED CONDUIT
--- W(D) ---	EXISTING POTABLE WATER MAIN
--- G(D) ---	EXISTING GAS MAIN
--- S(D) ---	EXISTING SEWER MAIN
--- BFO ---	EXISTING BURIED FIBER OPTIC
--- BE(D) ---	EXISTING BURIED ELECTRIC
--- OE ---	EXISTING OVERHEAD FACILITIES
--- NPW(D) ---	EXISTING NONPOTABLE WATER MAIN



MATCHLINE STA - 337+60.00

MATCHLINE STA - 343+40.00



MATCHLINE STA. - 236+20.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

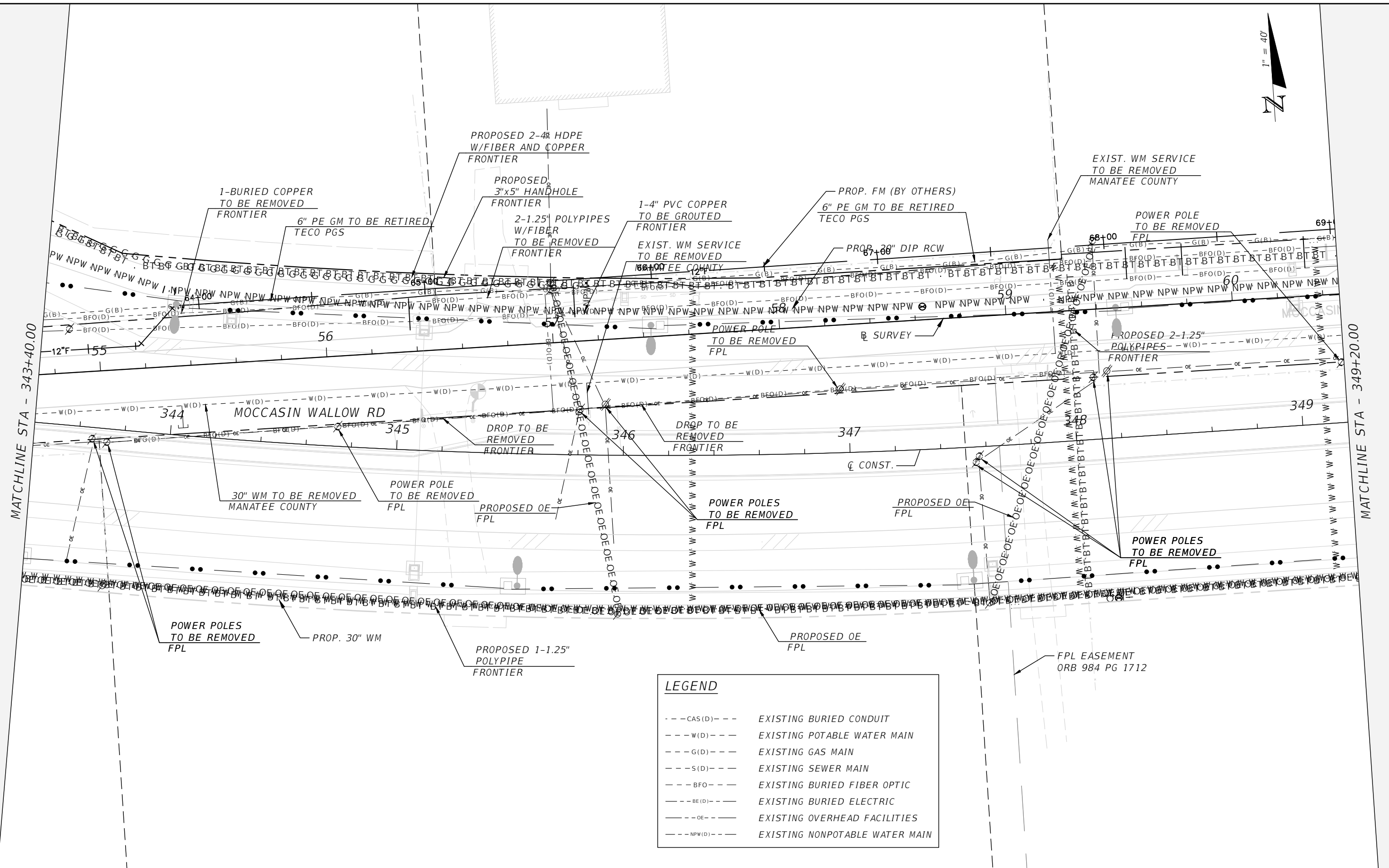
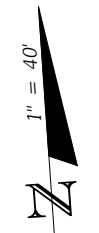
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (9)

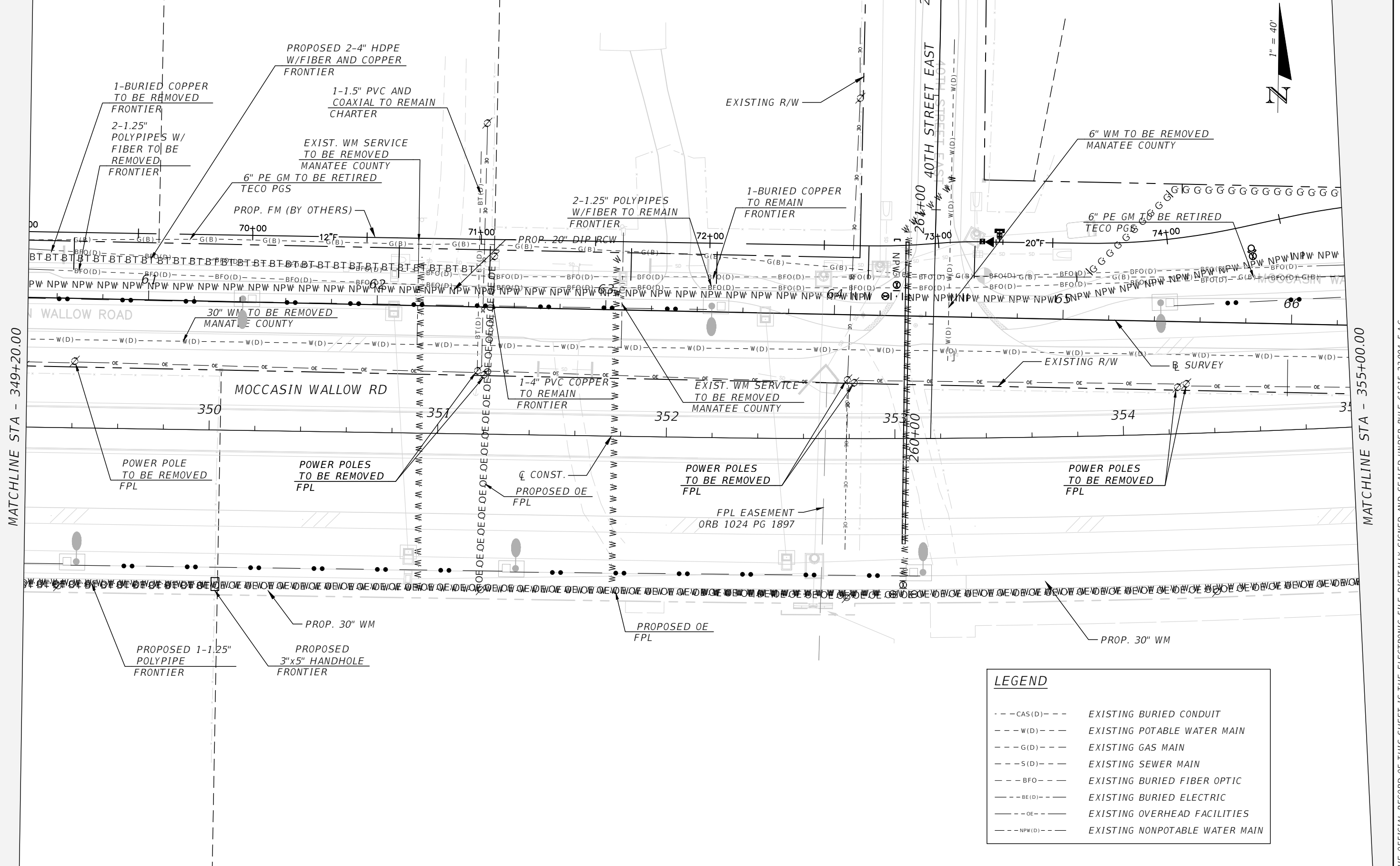
SHEET NO.
324

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



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		UTILITY ADJUSTMENTS (10)	SHEET NO. 325
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. MOCCASIN WALLOW RD	PROJECT ID 6092560		



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

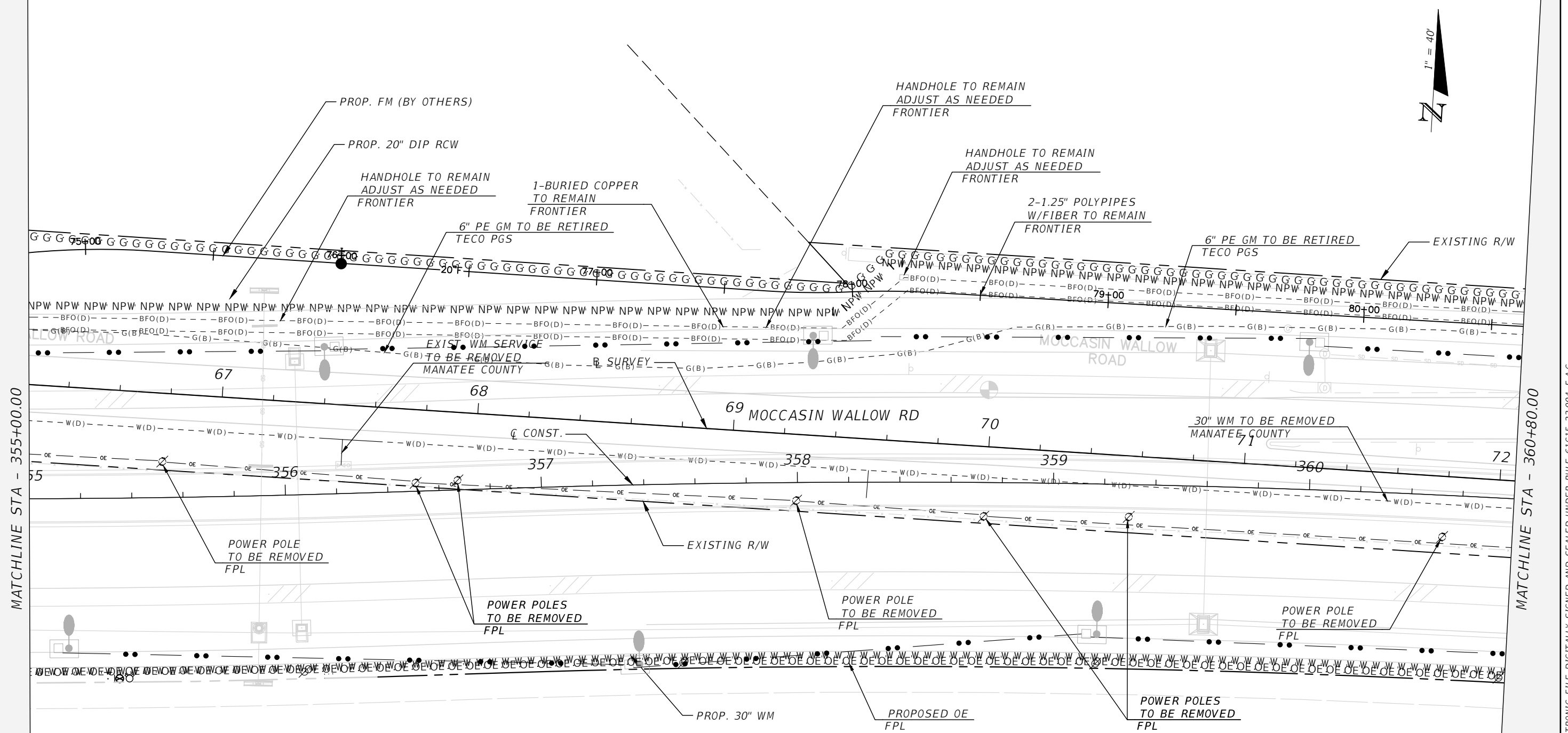
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (11)

SHEET NO.
326

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



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

MATCHLINE STA - 355+00.00

MATCHLINE STA - 360+80.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

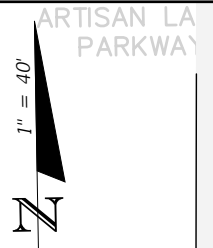
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (12)

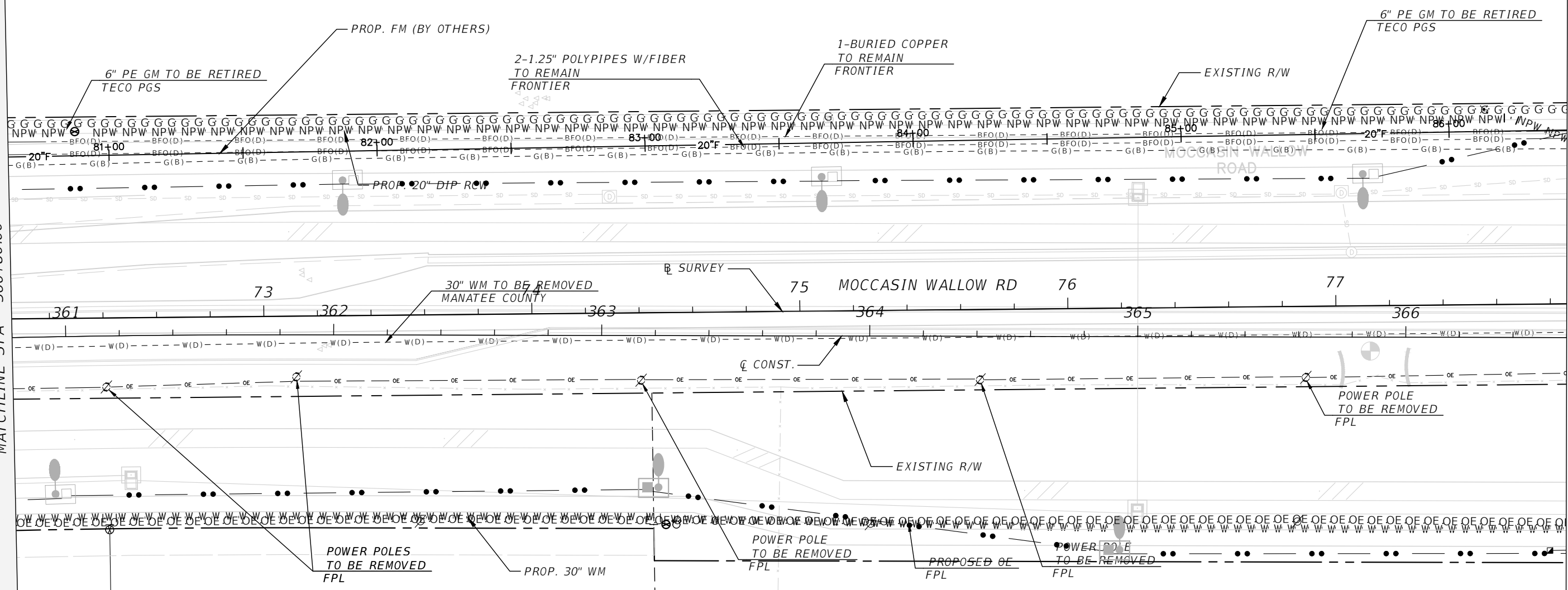
SHEET NO.
327

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



MATCHLINE STA - 360+80.00

MATCHLINE STA - 366+60.00



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

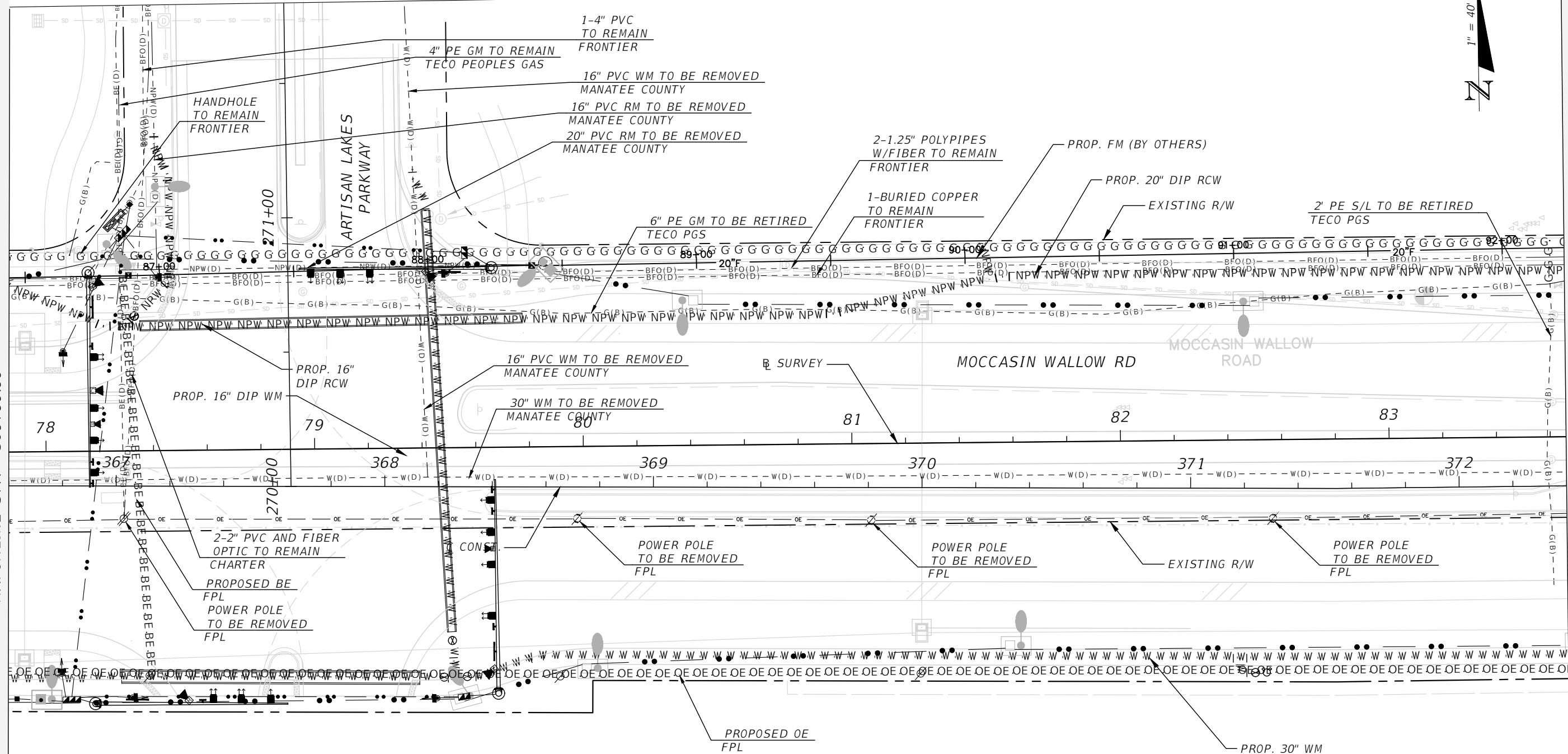
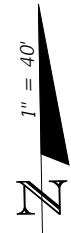
MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (13)

SHEET NO.
328

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

MATCHLINE - STA 271+80.00 - SEE PLAN (25)



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

MATCHLINE STA - 366+60.00

MATCHLINE STA - 372+40.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

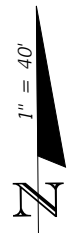
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (14)

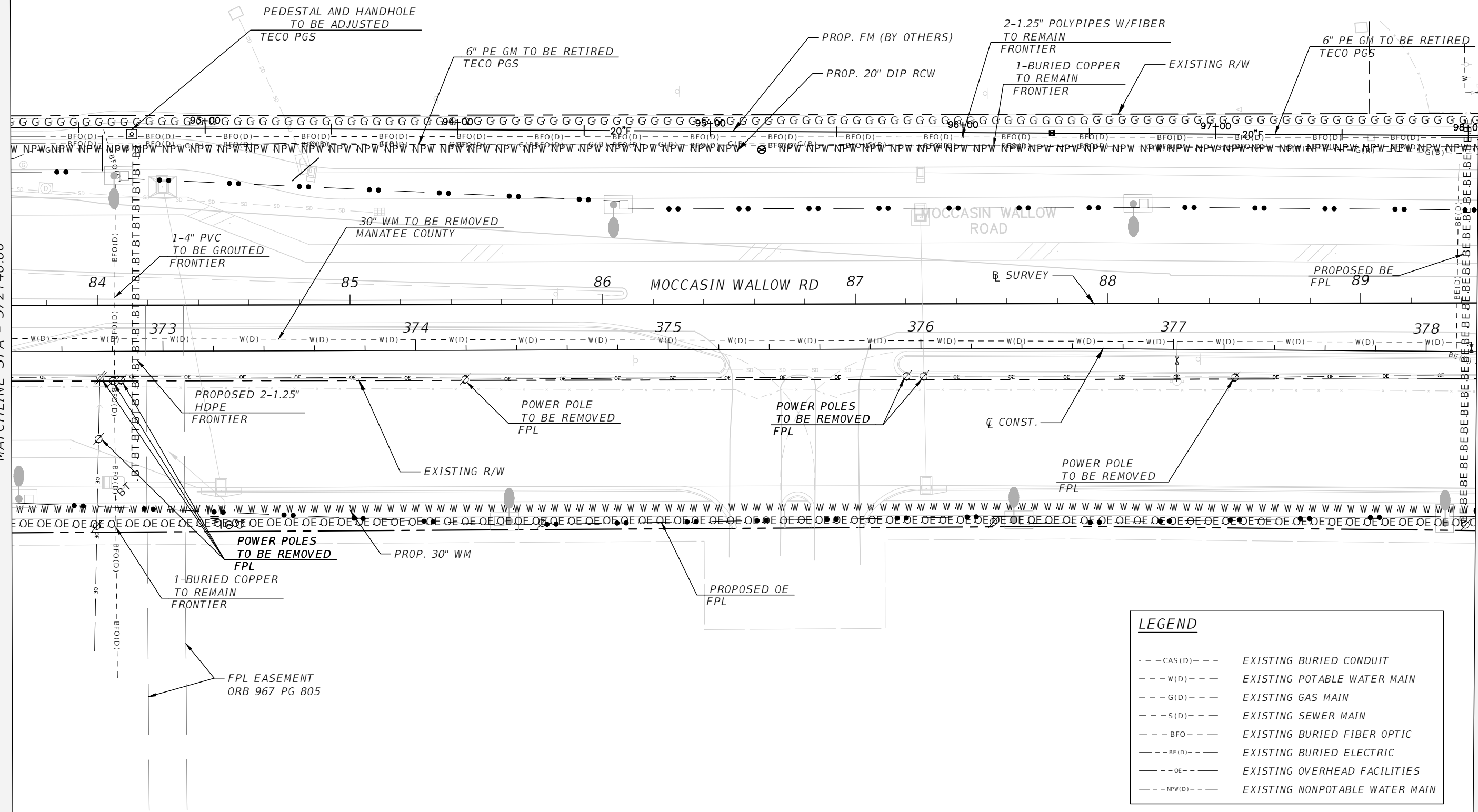
SHEET NO.
 329

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MATCHLINE STA - 372+40.00

MATCHLINE STA - 378+20.00



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (15)

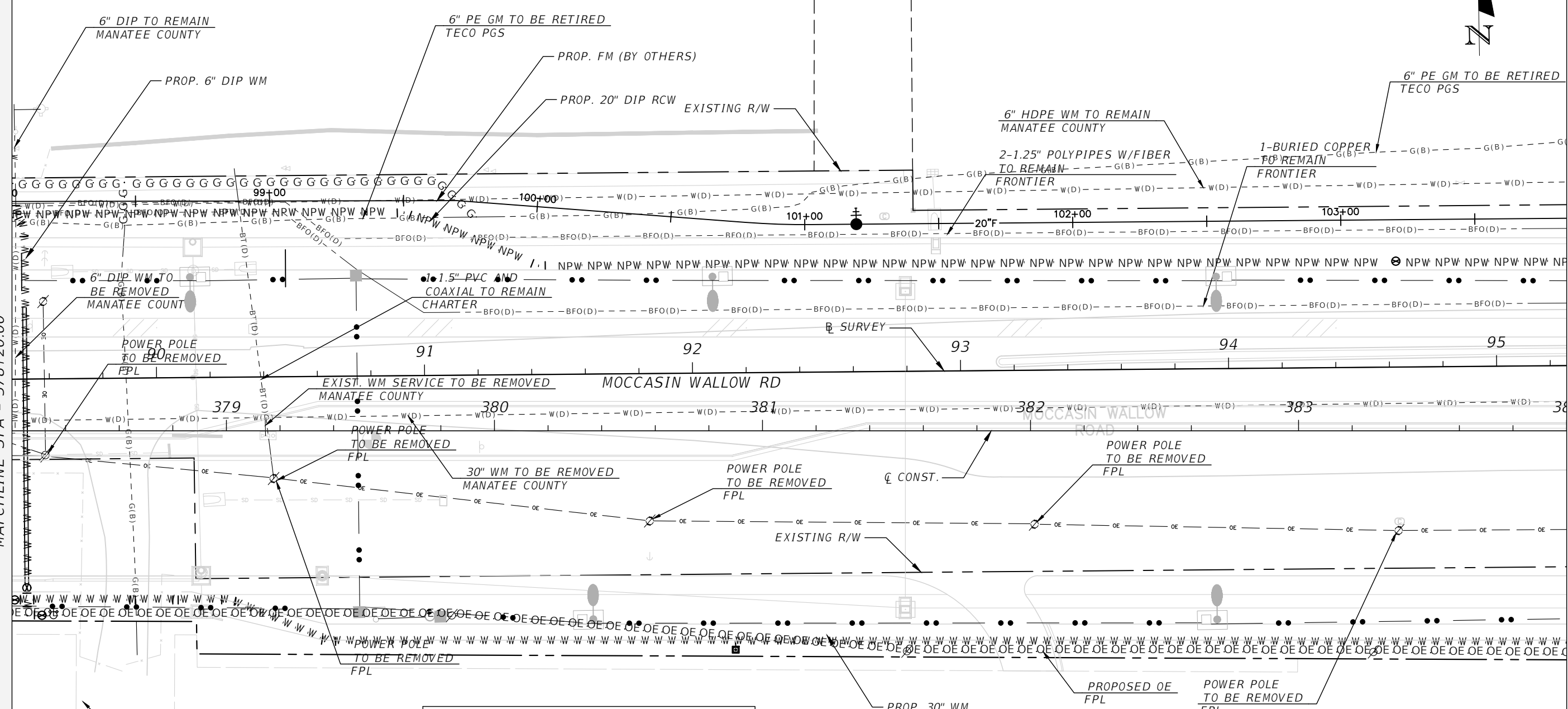
SHEET NO.
330

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



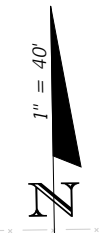
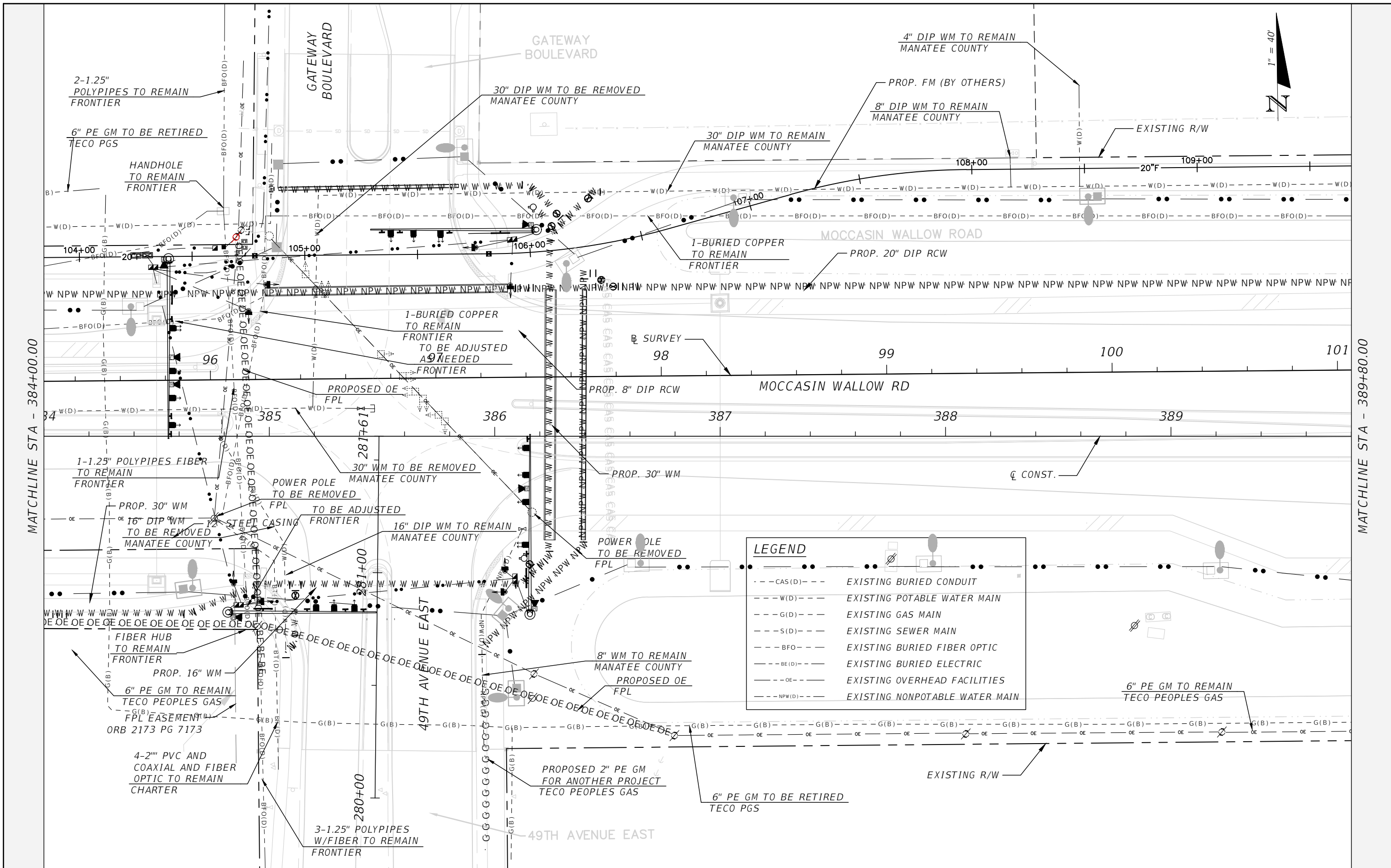
MATCHLINE STA - 378+20.00

MATCHLINE STA - 384+00.00



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		UTILITY ADJUSTMENTS (16)	SHEET NO. 331
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---	MOCCASIN WALLOW RD	6092560			



LEGEND	
--- CAS (D) ---	EXISTING BURIED CONDUIT
--- W (D) ---	EXISTING POTABLE WATER MAIN
--- G (D) ---	EXISTING GAS MAIN
--- S (D) ---	EXISTING SEWER MAIN
--- BFO ---	EXISTING BURIED FIBER OPTIC
--- BE (D) ---	EXISTING BURIED ELECTRIC
--- OE ---	EXISTING OVERHEAD FACILITIES
--- NPW (D) ---	EXISTING NONPOTABLE WATER MAIN

MATCHLINE STA - 384+00.00

MATCHLINE STA - 389+80.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

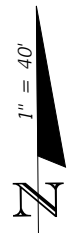
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (17)

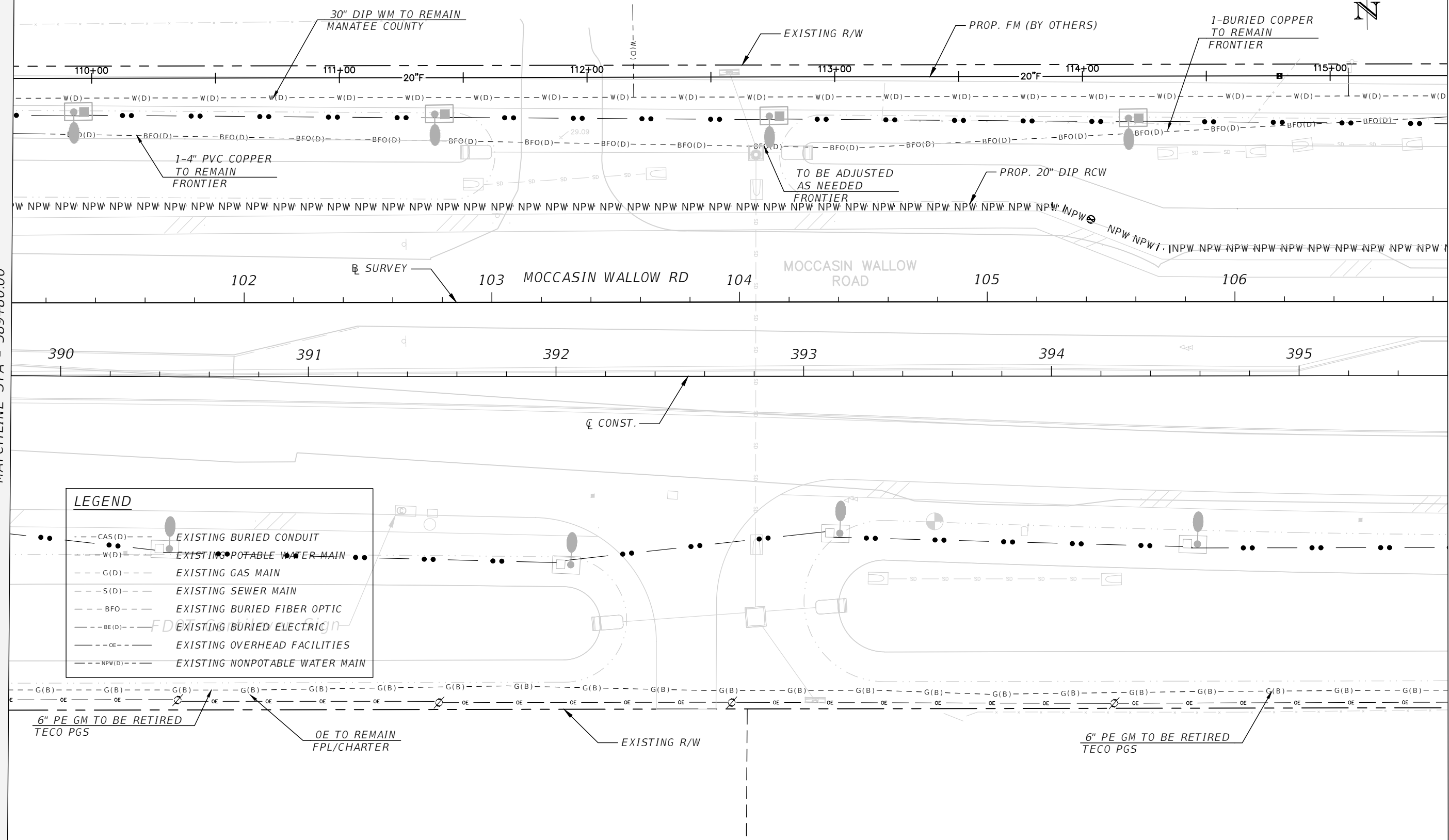
SHEET NO.
332

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MATCHLINE STA - 389+80.00

MATCHLINE STA - 395+60.00



LEGEND	
--- CAS(D) ---	EXISTING BURIED CONDUIT
--- W(D) ---	EXISTING POTABLE WATER MAIN
--- G(D) ---	EXISTING GAS MAIN
--- S(D) ---	EXISTING SEWER MAIN
--- BFO ---	EXISTING BURIED FIBER OPTIC
--- BE(D) ---	EXISTING BURIED ELECTRIC
--- OE ---	EXISTING OVERHEAD FACILITIES
--- NPW(D) ---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

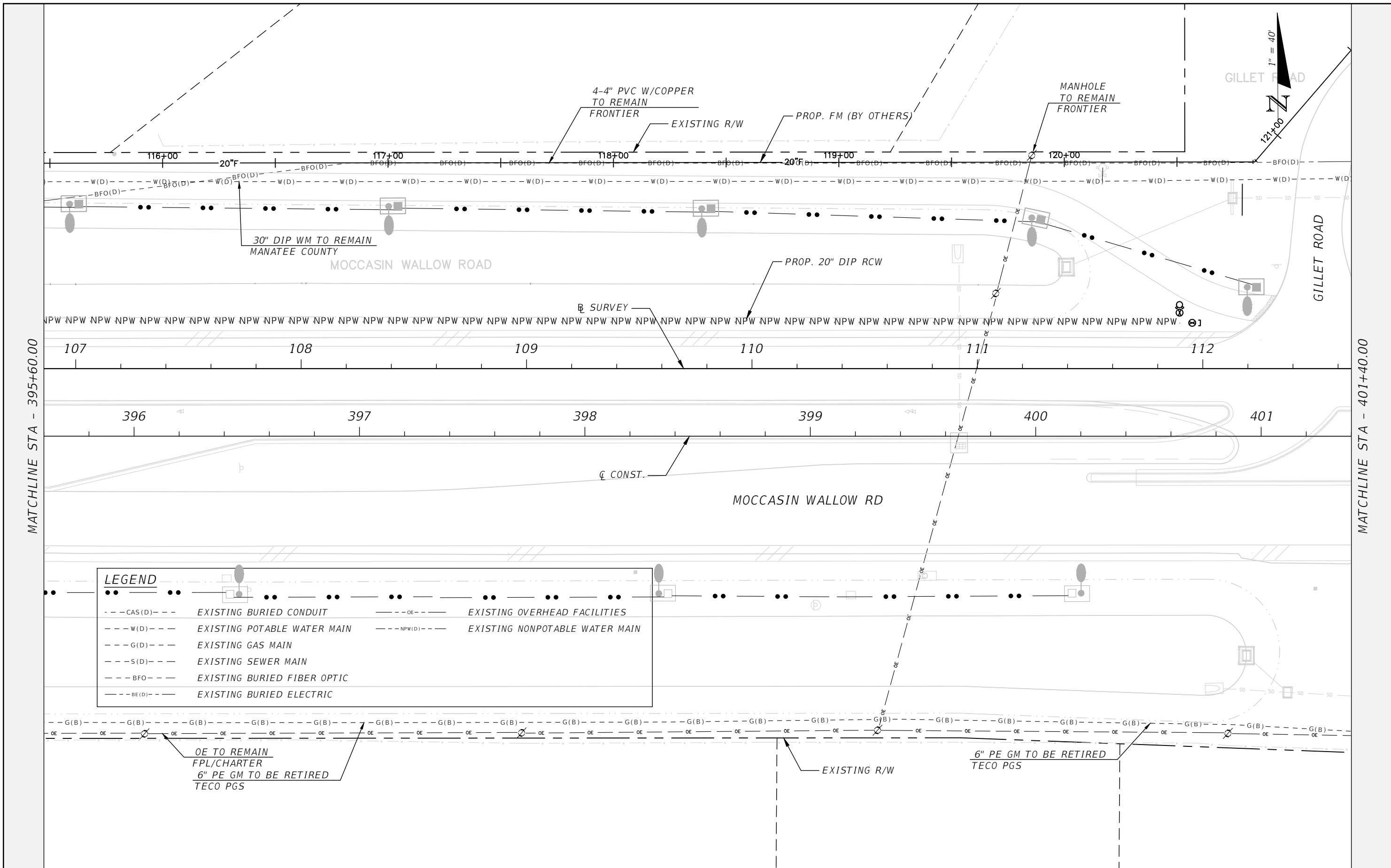
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (18)

SHEET NO.
333

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



MATCHLINE STA - 395+60.00

MATCHLINE STA - 401+40.00

LEGEND			
---CAS(D)---	EXISTING BURIED CONDUIT	---OE---	EXISTING OVERHEAD FACILITIES
---W(D)---	EXISTING POTABLE WATER MAIN	---NPW(D)---	EXISTING NONPOTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN		
---S(D)---	EXISTING SEWER MAIN		
---BFO---	EXISTING BURIED FIBER OPTIC		
---BE(D)---	EXISTING BURIED ELECTRIC		

OE TO REMAIN
FPL/CHARTER
6" PE GM TO BE RETIRED
TECO PGS

6" PE GM TO BE RETIRED
TECO PGS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

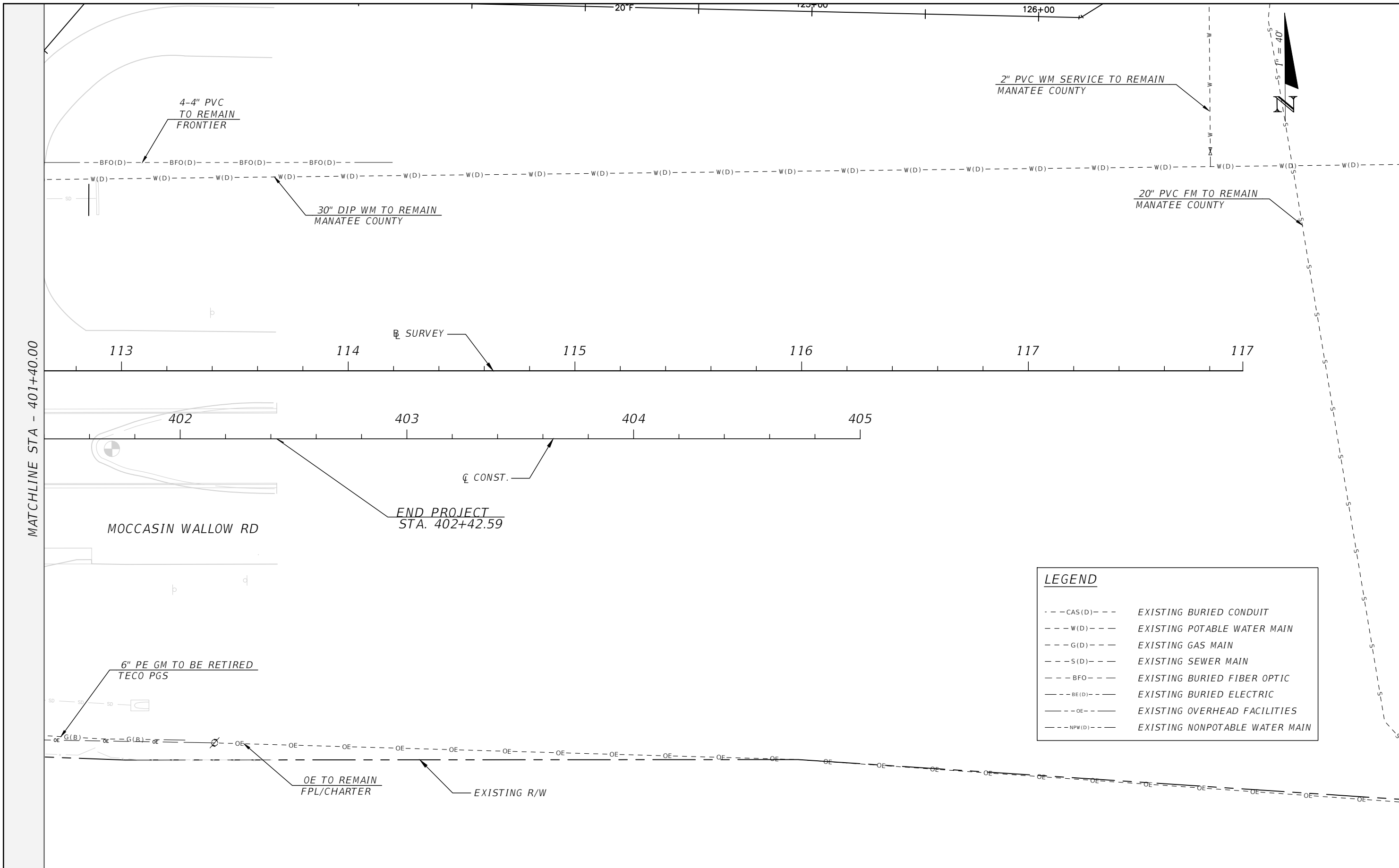
HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (19)

SHEET NO.
334

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



LEGEND	
--- CAS (D) ---	EXISTING BURIED CONDUIT
--- W (D) ---	EXISTING POTABLE WATER MAIN
--- G (D) ---	EXISTING GAS MAIN
--- S (D) ---	EXISTING SEWER MAIN
--- BFO ---	EXISTING BURIED FIBER OPTIC
--- BE (D) ---	EXISTING BURIED ELECTRIC
--- OE ---	EXISTING OVERHEAD FACILITIES
--- NPW (D) ---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

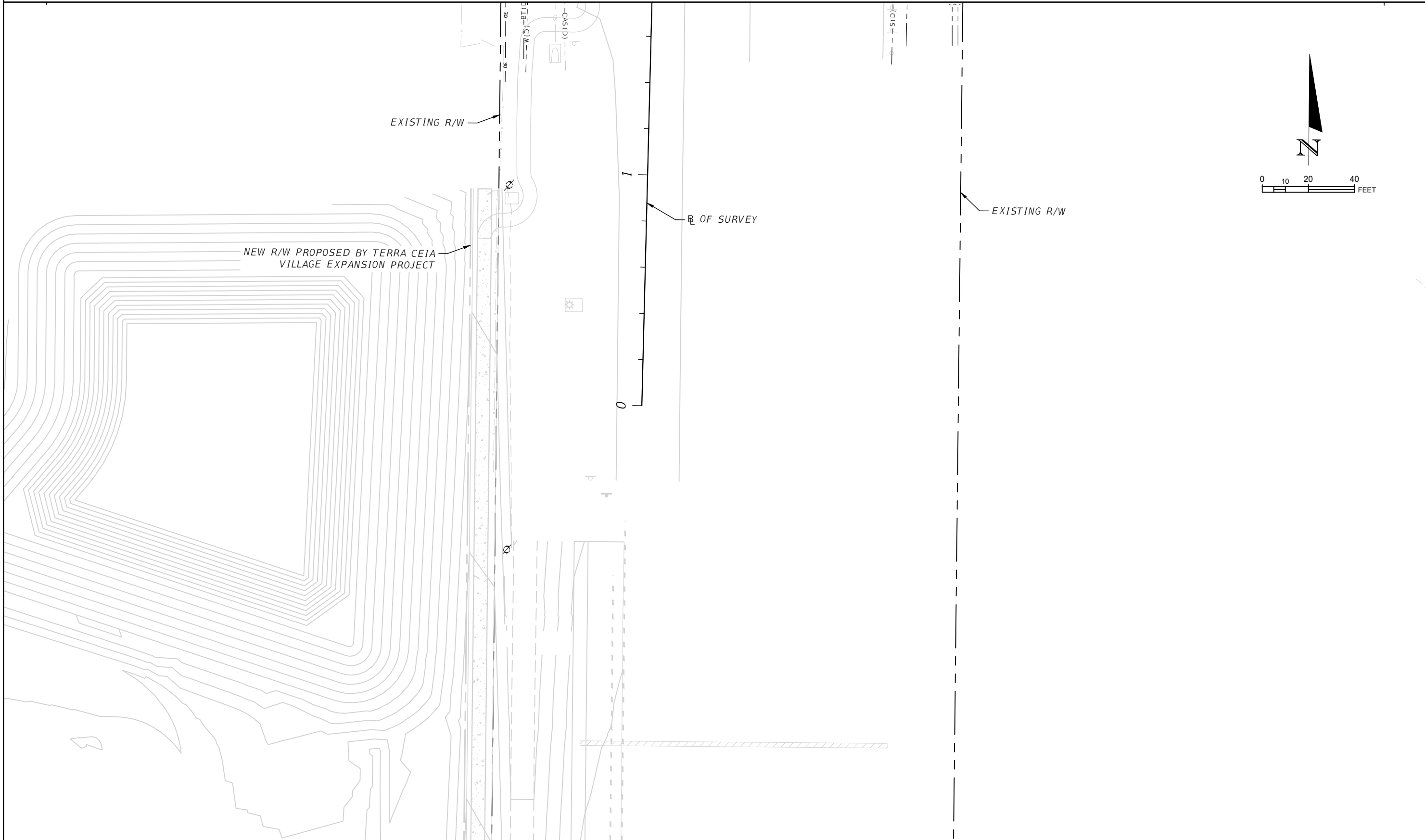
MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (20)

SHEET NO.
335

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

MATCHLINE - STA 1+75.00 - SEE PLAN (2)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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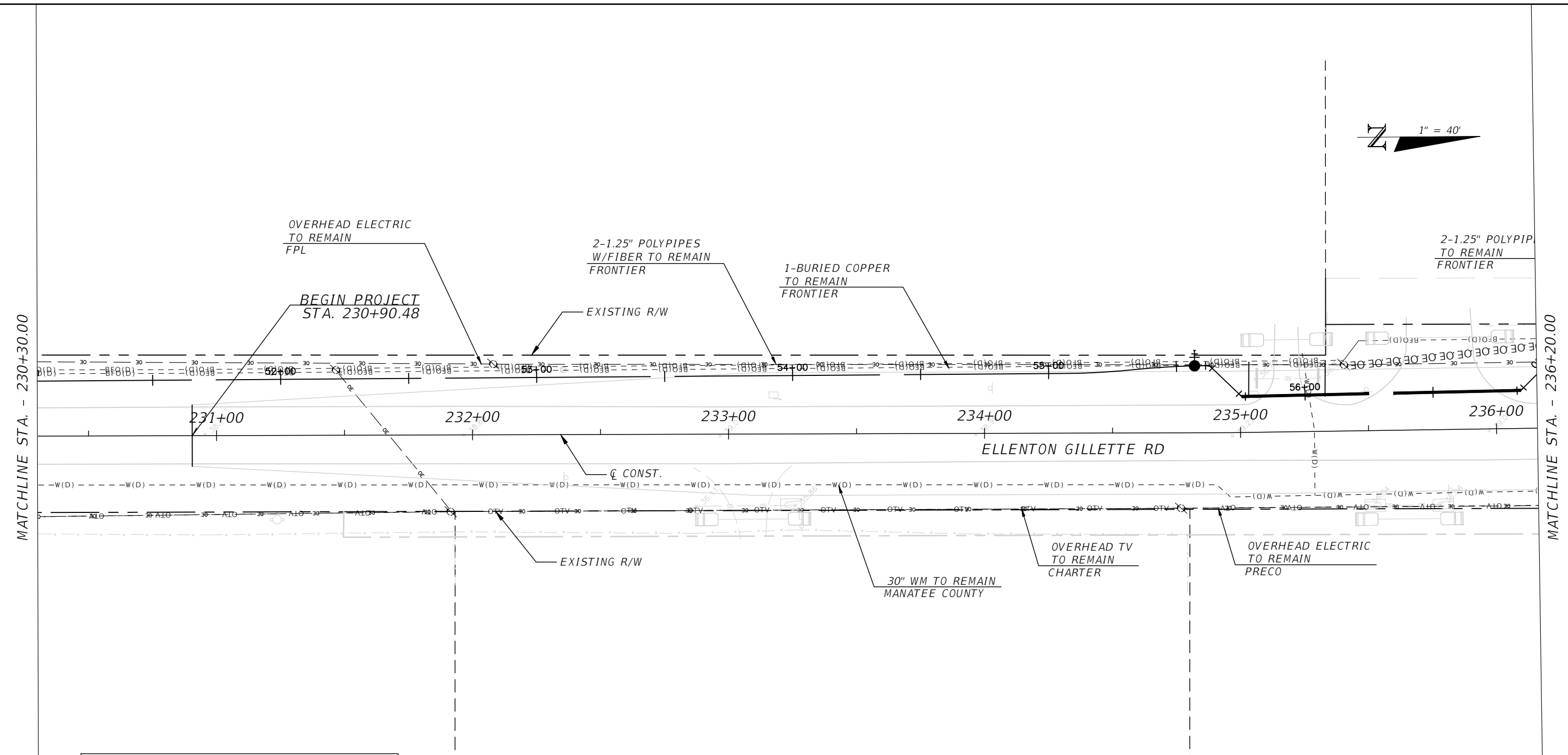
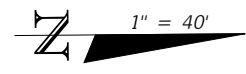
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (21)

SHEET NO.
 336

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



LEGEND	
--- CAS(D) ---	EXISTING BURIED CONDUIT
--- W(D) ---	EXISTING POTABLE WATER MAIN
--- G(D) ---	EXISTING GAS MAIN
--- S(D) ---	EXISTING SEWER MAIN
--- BFO ---	EXISTING BURIED FIBER OPTIC
--- BE(D) ---	EXISTING BURIED ELECTRIC
--- OE ---	EXISTING OVERHEAD FACILITIES
--- NPW(D) ---	EXISTING NONPOTABLE WATER MAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

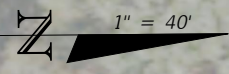
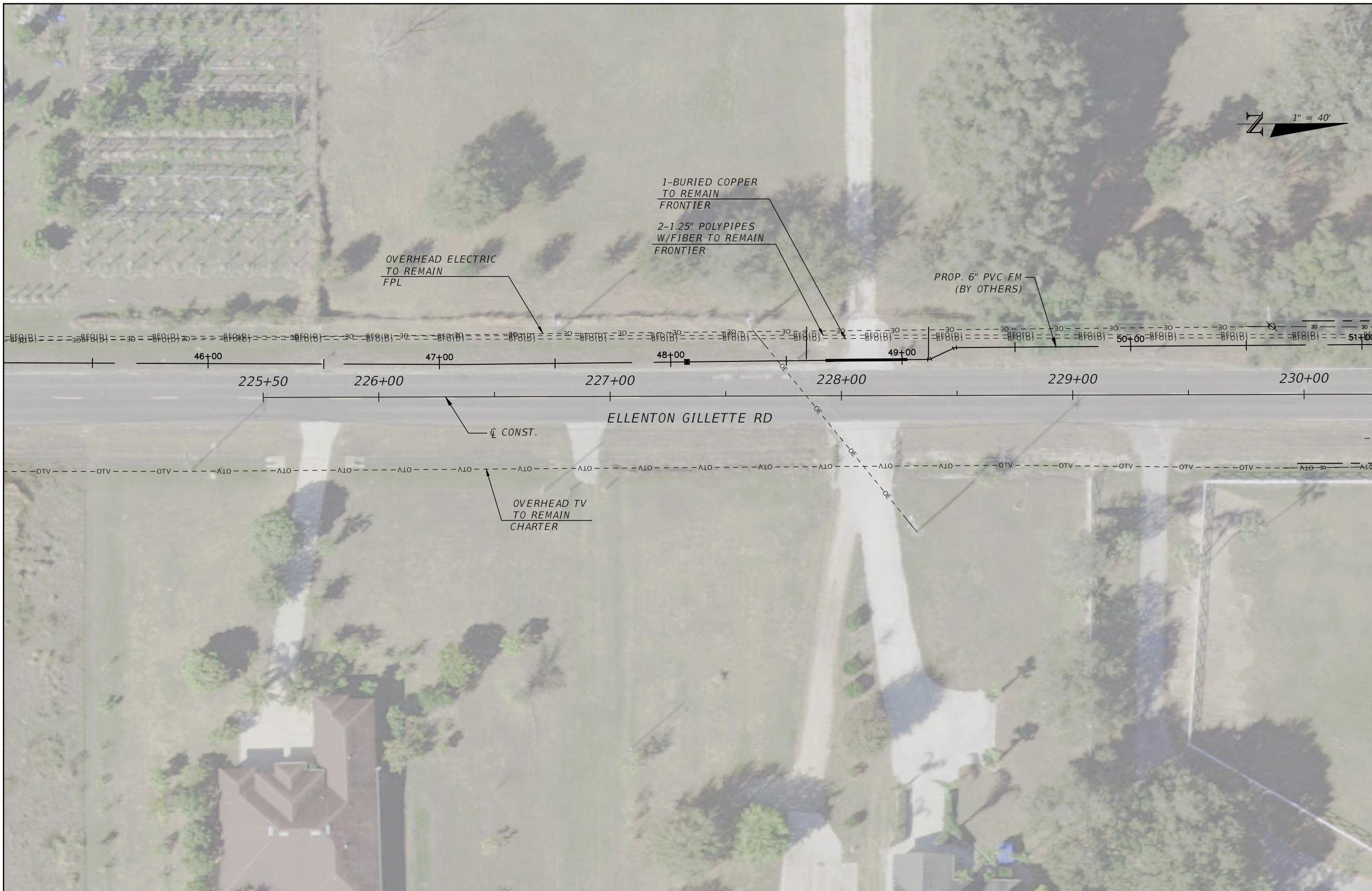
HAMID R. FARAJI, P.E.
 P.E. LICENSE NUMBER 51581
 CARDNO
 380 PARK PLACE BLVD, SUITE 300
 CLEARWATER, FLORIDA 33759
 CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

UTILITY ADJUSTMENTS (22)

SHEET NO.
337

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MATCHLINE STA. - 230+30.00

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

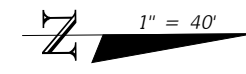
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

MANATEE COUNTY	
ROAD NO.	PROJECT ID
MOCCASIN WALLOW RD	6092560

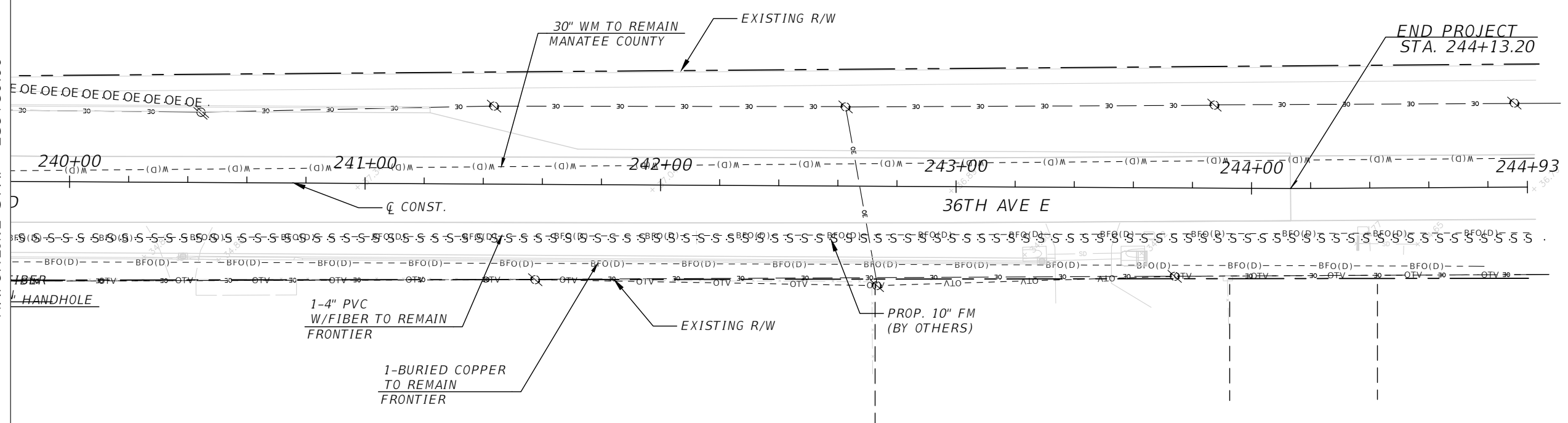
UTILITY ADJUSTMENTS (23)

SHEET NO.
338



MATCHLINE STA. - 239+80.00

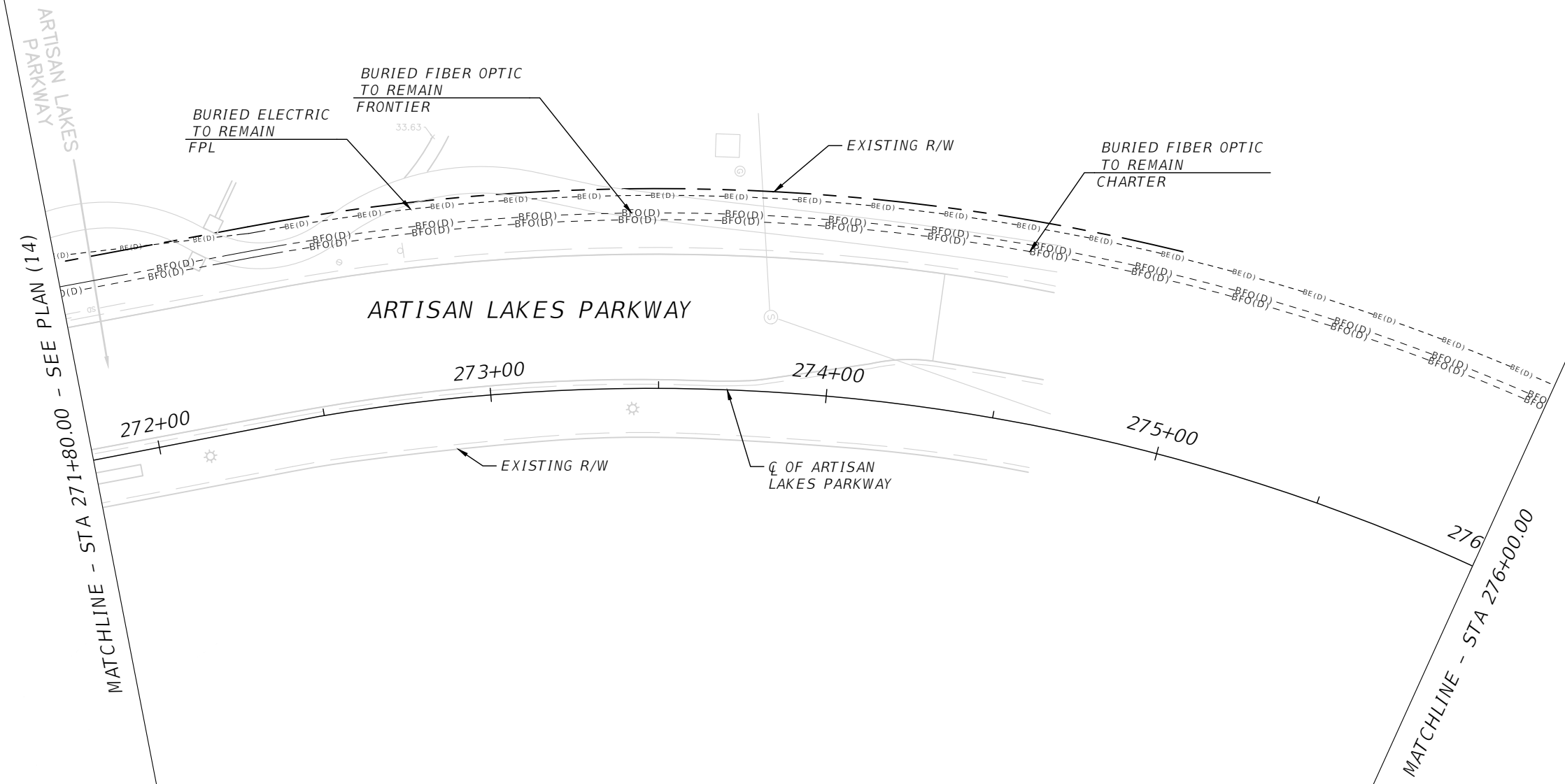
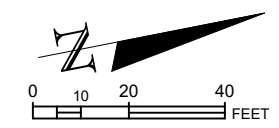
POSSBOX



LEGEND	
---CAS(D)---	EXISTING BURIED CONDUIT
---W(D)---	EXISTING POTABLE WATER MAIN
---G(D)---	EXISTING GAS MAIN
---S(D)---	EXISTING SEWER MAIN
---BFO---	EXISTING BURIED FIBER OPTIC
---BE(D)---	EXISTING BURIED ELECTRIC
---OE---	EXISTING OVERHEAD FACILITIES
---NPW(D)---	EXISTING NONPOTABLE WATER MAIN

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		UTILITY ADJUSTMENTS (24)	SHEET NO. 339
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		
---	---	---	---		MOCCASIN WALLOW RD	6092560		

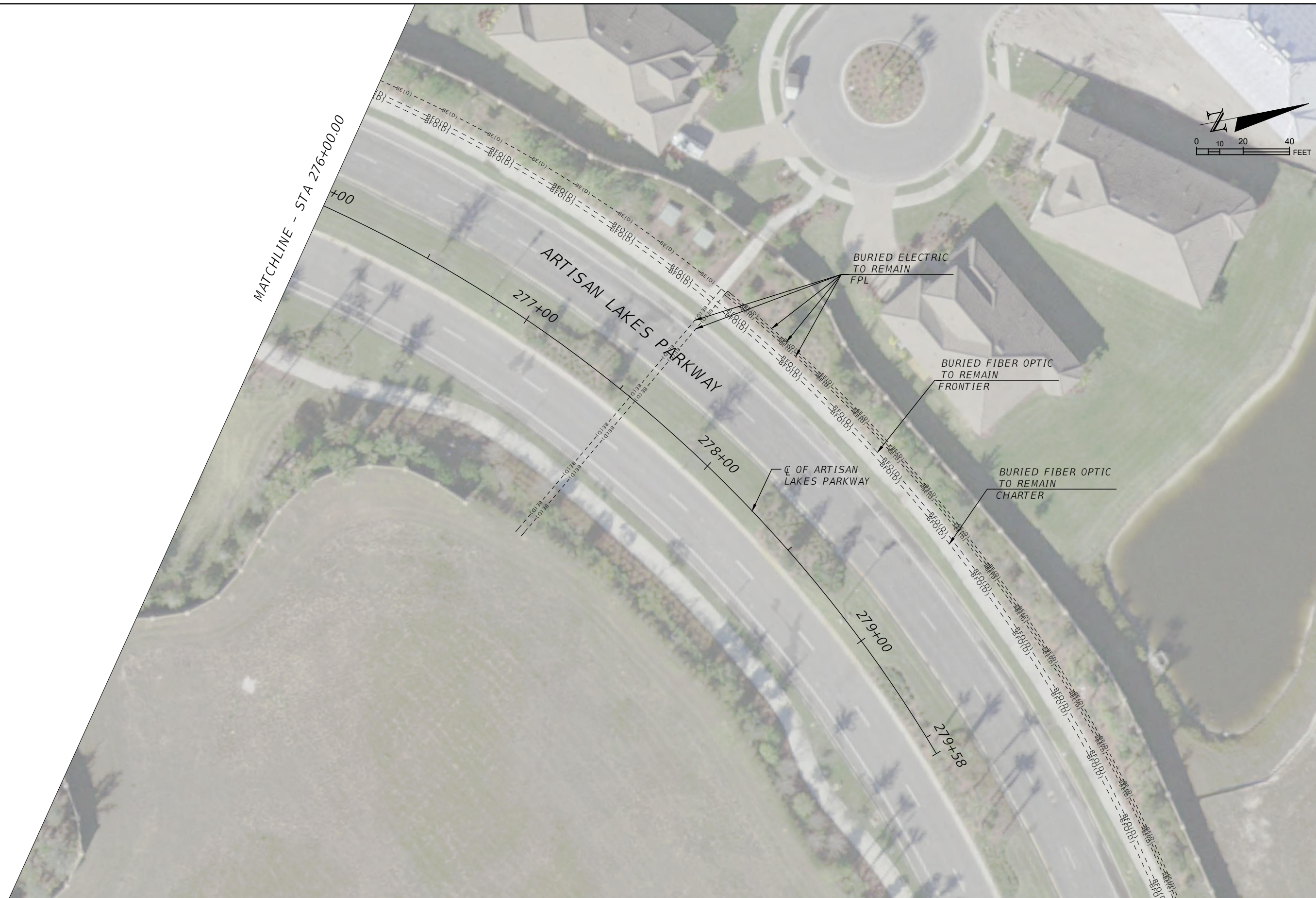
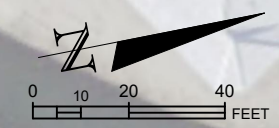
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

REVISIONS				HAMID R. FARAJI, P.E. P.E. LICENSE NUMBER 51581 CARDNO 380 PARK PLACE BLVD, SUITE 300 CLEARWATER, FLORIDA 33759 CERTIFICATE OF AUTHORIZATION 29915	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		UTILITY ADJUSTMENTS (25)	SHEET NO. 340
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
---	---	---	---	MOCCASIN WALLOW RD	DANATEE	6092560		

MATCHLINE - STA 276+00.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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HAMID R. FARAJI, P.E.
P.E. LICENSE NUMBER 51581
CARDNO
380 PARK PLACE BLVD, SUITE 300
CLEARWATER, FLORIDA 33759
CERTIFICATE OF AUTHORIZATION 29915

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
---	---	---
MOCCASIN WALLOW RD	DANATEE	6092560

UTILITY ADJUSTMENTS (26)

SHEET NO.
341

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