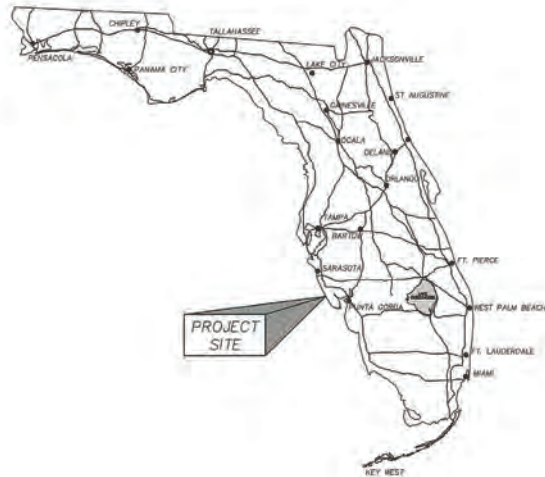


CONSTRUCTION PLANS

FOR

GULF BOULEVARD IMPROVEMENTS

SECTION 12 & 13, TOWNSHIP 41S, RANGE 19E AND
SECTION 18, TOWNSHIP 41S, RANGE 20E
CHARLOTTE COUNTY, FLORIDA



LOCATION MAP

PREPARED BY

WEILER ENGINEERING CORPORATION



201 WEST MARION AVENUE, SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB NO. 6656



Dr. Steven R. Williamson
Professional Engineer
State of Florida
Registration No. 66503

INDEX OF DRAWINGS

1	COVER SHEET
2	SHEET INDEX
3	GENERAL DETAILS
4	GENERAL NOTES
5	KEY MAP
E1	EXISTING & DEMOLITION PLAN STA. 101+20 TO STA. 104+08
E2	EXISTING & DEMOLITION PLAN STA. 104+08 TO STA. 106+68
E3	EXISTING & DEMOLITION PLAN STA. 106+68 TO STA. 109+23
E4	EXISTING & DEMOLITION PLAN STA. 109+23 TO STA. 111+32
E5	EXISTING & DEMOLITION PLAN STA. 111+32 TO STA. 114+63
E6	EXISTING & DEMOLITION PLAN STA. 114+63 TO STA. 117+38
E7	EXISTING & DEMOLITION PLAN STA. 117+38 TO STA. 120+13
E8	EXISTING & DEMOLITION PLAN STA. 120+13 TO STA. 122+88
E9	EXISTING & DEMOLITION PLAN STA. 122+88 TO STA. 125+63
E10	EXISTING & DEMOLITION PLAN STA. 125+63 TO STA. 128+38
E11	EXISTING & DEMOLITION PLAN STA. 128+38 TO STA. 131+13
E12	EXISTING & DEMOLITION PLAN STA. 131+13 TO STA. 133+87
E13	EXISTING & DEMOLITION PLAN STA. 133+87 TO STA. 136+62
E14	EXISTING & DEMOLITION PLAN STA. 136+62 TO STA. 139+37
E15	EXISTING & DEMOLITION PLAN STA. 139+77 TO STA. 142+00
E16	EXISTING & DEMOLITION PLAN STA. 142+00 TO STA. 144+60
E17	EXISTING & DEMOLITION PLAN STA. 144+60 TO STA. 147+22
E18	EXISTING & DEMOLITION PLAN STA. 147+22 TO STA. 149+91
E19	EXISTING & DEMOLITION PLAN STA. 149+91 TO STA. 151+95
S1	SITE PLAN STA. 101+20 TO STA. 104+08
S2	SITE PLAN STA. 104+08 TO STA. 106+68
S3	SITE PLAN STA. 106+68 TO STA. 109+23
S4	SITE PLAN STA. 109+23 TO STA. 111+32
S5	SITE PLAN STA. 111+32 TO STA. 114+63
S6	SITE PLAN STA. 114+63 TO STA. 117+38
S7	SITE PLAN STA. 117+38 TO STA. 120+13
S8	SITE PLAN STA. 120+13 TO STA. 122+88
S9	SITE PLAN STA. 122+88 TO STA. 125+63
S10	SITE PLAN STA. 125+63 TO STA. 128+38
S11	SITE PLAN STA. 128+38 TO STA. 131+13
S12	SITE PLAN STA. 131+13 TO STA. 133+87
S13	SITE PLAN STA. 133+87 TO STA. 136+62
S14	SITE PLAN STA. 136+62 TO STA. 139+37
S15	SITE PLAN STA. 139+77 TO STA. 142+00
S16	SITE PLAN STA. 142+00 TO STA. 144+60
S17	SITE PLAN STA. 144+60 TO STA. 147+22
S18	SITE PLAN STA. 147+22 TO STA. 149+91
S19	SITE PLAN STA. 149+91 TO STA. 151+95

D1	DRAINAGE PLAN STA. 101+20 TO STA. 104+08
D2	DRAINAGE PLAN STA. 104+08 TO STA. 106+68
D3	DRAINAGE PLAN STA. 106+68 TO STA. 109+23
D4	DRAINAGE PLAN STA. 109+23 TO STA. 111+32
D5	DRAINAGE PLAN STA. 111+32 TO STA. 114+63
D6	DRAINAGE PLAN STA. 114+63 TO STA. 117+38
D7	DRAINAGE PLAN STA. 117+38 TO STA. 120+13
D8	DRAINAGE PLAN STA. 120+13 TO STA. 122+88
D9	DRAINAGE PLAN STA. 122+88 TO STA. 125+63
D10	DRAINAGE PLAN STA. 125+63 TO STA. 128+38
D11	DRAINAGE PLAN STA. 128+38 TO STA. 131+13
D12	DRAINAGE PLAN STA. 131+13 TO STA. 133+87
D13	DRAINAGE PLAN STA. 133+87 TO STA. 136+62
D14	DRAINAGE PLAN STA. 136+62 TO STA. 139+37
D15	DRAINAGE PLAN STA. 139+77 TO STA. 142+00
D16	DRAINAGE PLAN STA. 142+00 TO STA. 144+60
D17	DRAINAGE PLAN STA. 144+60 TO STA. 147+22
D18	DRAINAGE PLAN STA. 147+22 TO STA. 149+91
D19	DRAINAGE PLAN STA. 149+91 TO STA. 151+95
CS1	CROSS SECTIONS #1 - #9
CS2	CROSS SECTIONS #10 - #18
CS3	CROSS SECTIONS #19 - #27
CS4	CROSS SECTIONS #28 - #36
CS5	CROSS SECTIONS #37 - #45
CS6	CROSS SECTIONS #46 - #54
CS7	CROSS SECTIONS #55 - #63
CS8	CROSS SECTIONS #64 - #74
CS9	CROSS SECTIONS #73 - #81
CS10	CROSS SECTIONS #82 - #90
CS11	CROSS SECTIONS #90 - #96
B1	BMP PLAN STA. 101+20 TO STA. 104+08
B2	BMP PLAN STA. 104+08 TO STA. 106+68
B3	BMP PLAN STA. 106+68 TO STA. 109+23
B4	BMP PLAN STA. 109+23 TO STA. 111+32
B5	BMP PLAN STA. 111+32 TO STA. 114+63
B6	BMP PLAN STA. 114+63 TO STA. 117+38
B7	BMP PLAN STA. 117+38 TO STA. 120+13
B8	BMP PLAN STA. 120+13 TO STA. 122+88
B9	BMP PLAN STA. 122+88 TO STA. 125+63
B10	BMP PLAN STA. 125+63 TO STA. 128+38
B11	BMP PLAN STA. 128+38 TO STA. 131+13
B12	BMP PLAN STA. 131+13 TO STA. 133+87
B13	BMP PLAN STA. 133+87 TO STA. 136+62
B14	BMP PLAN STA. 136+62 TO STA. 139+37
B15	BMP PLAN STA. 139+77 TO STA. 142+00
B16	BMP PLAN STA. 142+00 TO STA. 144+60
B17	BMP PLAN STA. 144+60 TO STA. 147+22
B18	BMP PLAN STA. 147+22 TO STA. 149+91
B19	BMP PLAN STA. 149+91 TO STA. 151+95

LIGHTING PLANS (BY OTHERS)

L-1	COVER
L-2	TABULATION OF QUANTITIES
L-3	GENERAL AND PAY ITEM NOTES
L-4	POLE DATA AND LEGEND
L-5	LIGHTING PLANS STA. 101+52 TO STA. 106+50
L-6	LIGHTING PLANS STA. 106+50 TO STA. 111+60
L-7	LIGHTING PLANS STA. 111+60 TO STA. 116+80
L-8	LIGHTING PLANS STA. 116+80 TO STA. 122+00
L-9	LIGHTING PLANS STA. 122+00 TO STA. 127+20
L-10	LIGHTING PLANS STA. 127+20 TO STA. 131+40
L-11	LIGHTING PLANS STA. 131+40 TO STA. 136+60
L-12	LIGHTING PLANS STA. 136+60 TO STA. 141+80
L-13	LIGHTING PLANS STA. 141+80 TO STA. 147+00
L-14	LIGHTING PLANS STA. 147+00 TO STA. 151+89
L-15	SERVICE POINT DETAILS
L-16	SPECIAL POLE DETAILS
L-17	LIGHTING DETAILS

LANDSCAPING PLANS (BY OTHERS)

LS1	LANDSCAPE PLAN STA. 101+20 TO STA. 104+08
LS2	LANDSCAPE PLAN STA. 104+08 TO STA. 106+68
LS3	LANDSCAPE PLAN STA. 106+68 TO STA. 109+23
LS4	LANDSCAPE PLAN STA. 109+23 TO STA. 111+32
LS5	LANDSCAPE PLAN STA. 111+32 TO STA. 114+63
LS6	LANDSCAPE PLAN STA. 114+63 TO STA. 117+38
LS7	LANDSCAPE PLAN STA. 117+38 TO STA. 120+13
LS8	LANDSCAPE PLAN STA. 120+13 TO STA. 122+88
LS9	LANDSCAPE PLAN STA. 122+88 TO STA. 125+63
LS10	LANDSCAPE PLAN STA. 125+63 TO STA. 128+38
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LS16	LANDSCAPE PLAN STA. 142+00 TO STA. 144+60
LS17	LANDSCAPE PLAN STA. 144+60 TO STA. 147+22
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Design:	BRW/JAB
Drawn:	JAB
Checked:	BRW
Approved:	MJS
Date Issued:	01/28/19
Scale:	1"=10' @ 22x34 1"=20' @ 11x17
Job No:	14089.002 (130)
Project:	201 W. MARION AVE. SUITE 1006 PUNTA GORDA, FLORIDA 33950 341.355.1750

SHEET INDEX

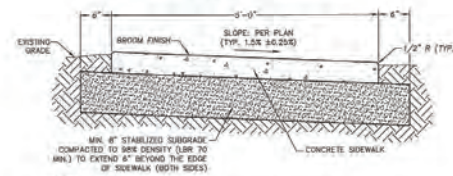
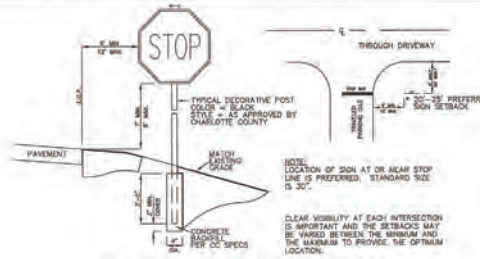
By:	BRW/JAB
Date:	01/28/19
Checked:	BRW
Approved:	MJS
Project:	201 W. MARION AVE. SUITE 1006 PUNTA GORDA, FLORIDA 33950 341.355.1750



1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON ONLY INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
2. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS OF ANY EXCAVATION OR DEMOLITION ACTIVITY THROUGH SUNSHINE ONE-CALL OF FLORIDA, INC. (1-800-432-4770) AND SHALL AVOID ANY THIRD PARTY LIABILITY. ALL UTILITIES LISTED WITHIN OR IMPACTED BY THESE PLANS, NOT LESS THAN TWO (2) FULL BUSINESS DAYS IN ADVANCE OF THE BEGINNING OF CONSTRUCTION ON THE JOB SITE.

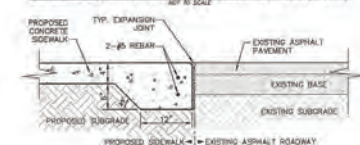
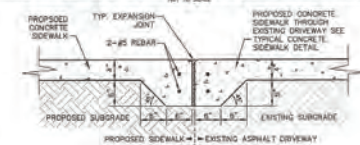
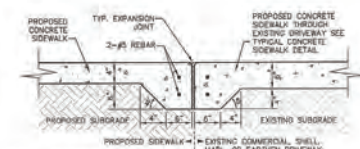
<u>UTILITY OWNER</u>	<u>TELEPHONE NUMBER</u>	<u>CONTACT PERSON</u>
ENGLWOOD WATER DISTRICT	(941) 474-3217	JAY LINDEN
FLORIDA POWER & LIGHT	(239) 332-9129	DAN SOMMERBERG
COMCAST CABLEVISION OF WEST FLORIDA	(941) 242-2135	STEPHEN HOFFMAN
VERIZON	(941) 992-5737	JOE LESMAIRIS

- [illegible]

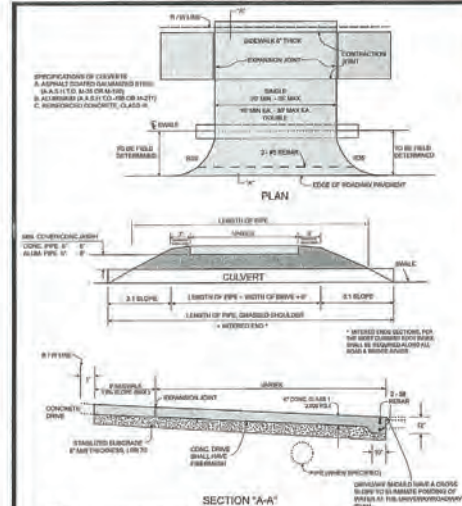


1. CONCRETE SHALL BE FDOT CLASS. IV, MIN. 3000 P.S.I. @ 28 DAYS.
2. ALL SIDEWALKS SHALL BE MIN. 4" THICK AND MIN. 6" THICK AT COMMERCIAL, TRAVEL, MARL, OR EARTHED AREAS.
3. ALL CONCRETE SHALL BE REINFORCED WITH FIBERMesh PER SPECIFICATIONS.
4. CONTRACTION JOINTS AND EXPANSION JOINTS PER SPECIFICATIONS.
5. ALL SIDEWALKS AND CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT (ADA).
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FEATHERING AND REPLACEMENT OF ROADWAY/ DRIVEWAY ASPHALT, AS NECESSARY, TO INSURE A SMOOTH TRANSITION AT THE EDGE OF PAVEMENT.
7. REPAIRS ARE REQUIRED WHEN THE SIDEWALK IS FORMED.
8. ALL CONCRETE SIDEWALK EDGES INCLUDING EDGES AT FORMED JOINTS SHALL BE FINISHED WITH A RADIUS OF 1/2".

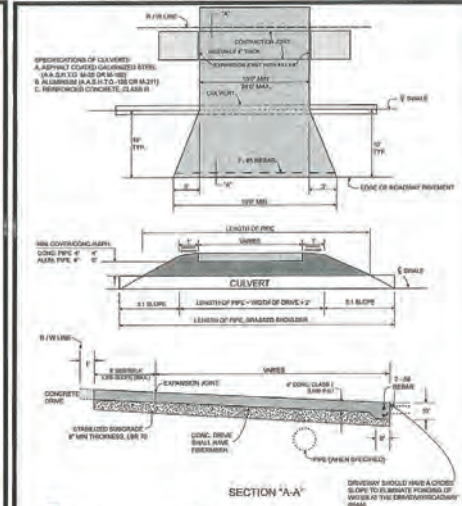
not to do



1	GRATE EL.=+3.02 BOTTOM EL.=+4.26 DRAIN TO TO CATCH INVERTS	21	GRATE EL.=+3.05 S. INVERT EL.=+0.54 N. INVERT EL.=+0.50	41	GRATE EL.=+2.87 N. INVERT EL.=+0.48 S. INVERT EL.=+0.45	61	GRATE EL.=+3.16 ¹ N. INVERT EL.=+0.26 ² S. INVERT EL.=+0.37
2	GRATE EL.=+4.96 BOTTOM EL.=+3.33 DRAIN TO TO CATCH INVERTS	22	GRATE EL.=+3.03 S. INVERT EL.=+1.42	42	GRATE EL.=+2.31 ¹ N. INVERT EL.=+2.77 ² S. INVERT EL.=+2.67	62	GRATE EL.=+3.58 N. INVERT EL.=+0.26 S. INVERT EL.=+0.20
3	GRATE EL.=+4.52 N. INVERT EL.=+2.89 S. INVERT EL.=+2.90	23	GRATE EL.=+3.31 N. INVERT EL.=+0.33 ¹ S. INVERT EL.=+0.30	43	GRATE EL.=+2.87 ¹ N. INVERT EL.=+2.79 ² S. INVERT EL.=+2.68	63	GRATE EL.=+3.24 N. INVERT EL.=+0.20 ² S. INVERT EL.=+0.15
4	GRATE EL.=+3.32 N. INVERT EL.=+1.81 ¹ S. INVERT EL.=+1.73 ²	24	GRATE EL.=+2.94 N. INVERT EL.=+0.80 ¹ S. INVERT EL.=+0.88	44	GRATE EL.=+2.32 ¹ N. INVERT EL.=+2.23 ² S. INVERT EL.=+2.17	64	GRATE EL.=+3.40 N. INVERT EL.=+0.20 ² TOP S.S. PIPE EL.=+1.20
5	GRATE EL.=+3.01 N. INVERT EL.=+0.92 ¹ S. INVERT EL.=+0.98 ²	25	GRATE EL.=+2.61 ¹ N. INVERT EL.=+0.15 ² S. INVERT EL.=+0.14 ³	45	GRATE EL.=+3.14 ¹ N. INVERT EL.=+2.18 ² S. INVERT EL.=+2.15	65	GRATE EL.=+2.80 N. INVERT EL.=+0.20 ² TOP S.S. PIPE EL.=+1.20
6	GRATE EL.=+6.66 N. INVERT EL.=+1.86 ¹ S. INVERT EL.=+1.80 ²	26	GRATE EL.=+2.80 ¹ N. INVERT EL.=+0.88 ² S. INVERT EL.=+0.88	46	GRATE EL.=+2.85 ¹ N. INVERT EL.=+2.15 ² S. INVERT EL.=+2.17	66	GRATE EL.=+2.80 N. INVERT EL.=+0.20 ² TOP S.S. PIPE EL.=+1.20
7	GRATE EL.=+2.77 ¹ N. INVERT EL.=+1.08 ² S. INVERT EL.=+1.06 ³	27	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	47	GRATE EL.=+2.87 ¹ N. INVERT EL.=+2.10 ² S. INVERT EL.=+2.07		
8	GRATE EL.=+2.61 ¹ N. INVERT EL.=+0.88 ² S. INVERT EL.=+0.88 ³	28	GRATE EL.=+2.75 ¹ N. INVERT EL.=+0.65 ² S. INVERT EL.=+0.65	48	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
9	GRATE EL.=+2.03 ¹ N. INVERT EL.=+2.03 ² W. INVERT EL.=+1.67 ³	29	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	49	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
10	GRATE EL.=+3.17 N. INVERT EL.=+0.02 ¹ W. INVERT EL.=+0.21 ²	30	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	50	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
11	GRATE EL.=+3.39 ¹ N. INVERT EL.=+1.74 ² S. INVERT EL.=+1.74 ³	31	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	51	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
12	GRATE EL.=+2.41 ¹ N. INVERT EL.=+1.27 ² S. INVERT EL.=+1.00 ³	32	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	52	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
13	GRATE EL.=+2.72 ¹ N. INVERT EL.=+0.34 ² S. INVERT EL.=+0.02 ³	33	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	53	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
14	GRATE EL.=+2.55 ¹ N. INVERT EL.=+0.18 ² S. INVERT EL.=+0.14 ³	34	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	54	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
15	GRATE EL.=+2.49 ¹ N. INVERT EL.=+0.68 ² S. INVERT EL.=+0.63 ³	35	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	55	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
16	GRATE EL.=+2.02 ¹ N. INVERT EL.=+0.33 ² S. INVERT EL.=+0.01 ³	36	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	56	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
17	GRATE EL.=+2.59 ¹ N. INVERT EL.=+0.88 ² S. INVERT EL.=+0.71 ³	37	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	57	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
18	GRATE EL.=+2.41 ¹ N. INVERT EL.=+0.87 ² S. INVERT EL.=+0.80 ³	38	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	58	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
19	GRATE EL.=+3.10 ¹ N. INVERT EL.=+1.32 ²	39	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	59	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
20	GRATE EL.=+3.09 ¹ N. INVERT EL.=+0.57 ² S. INVERT EL.=+0.57 ³	40	GRATE EL.=+2.82 ¹ N. INVERT EL.=+0.16 ² S. INVERT EL.=+0.13 ³	60	GRATE EL.=+2.44 ¹ N. INVERT EL.=+1.78 ² S. INVERT EL.=+1.72		
							SPREADER DRAINAGE CATCHMENT AREA



STANDARD ROAD DETAIL
COMMERCIAL DRIVEWAY

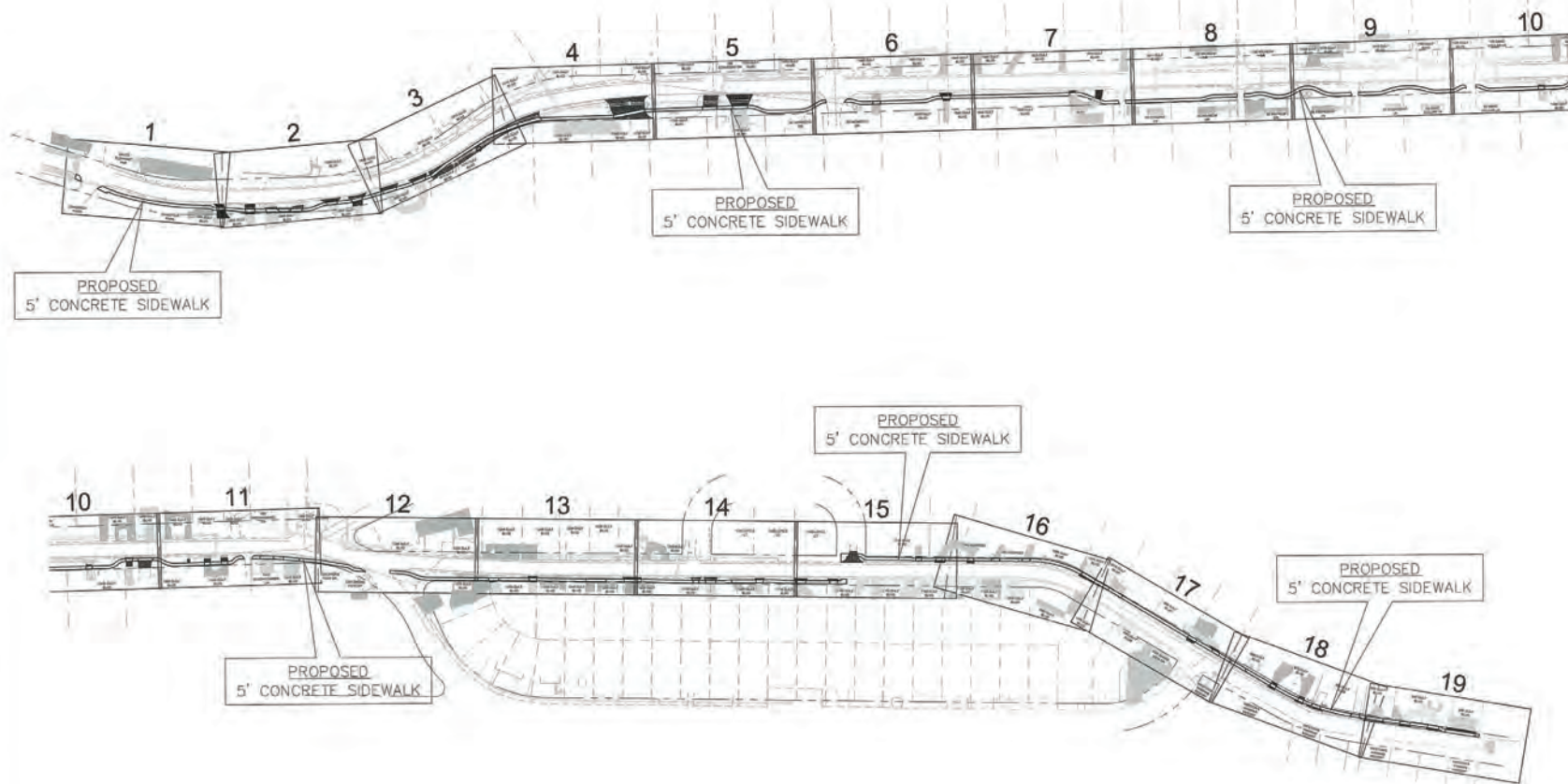


STANDARD ROAD DETAIL

RESIDENTIAL DRIVEWAY



NOT TO SCALE



Design:	UNW/AND
Drawn:	JNB
Checked:	BRW
Approved:	MAC
Date Issued:	D/28/19

Scale:	1" = 100' @ 22x34
1" = 200' @ 11x17	
Job No:	14089.002 (130)

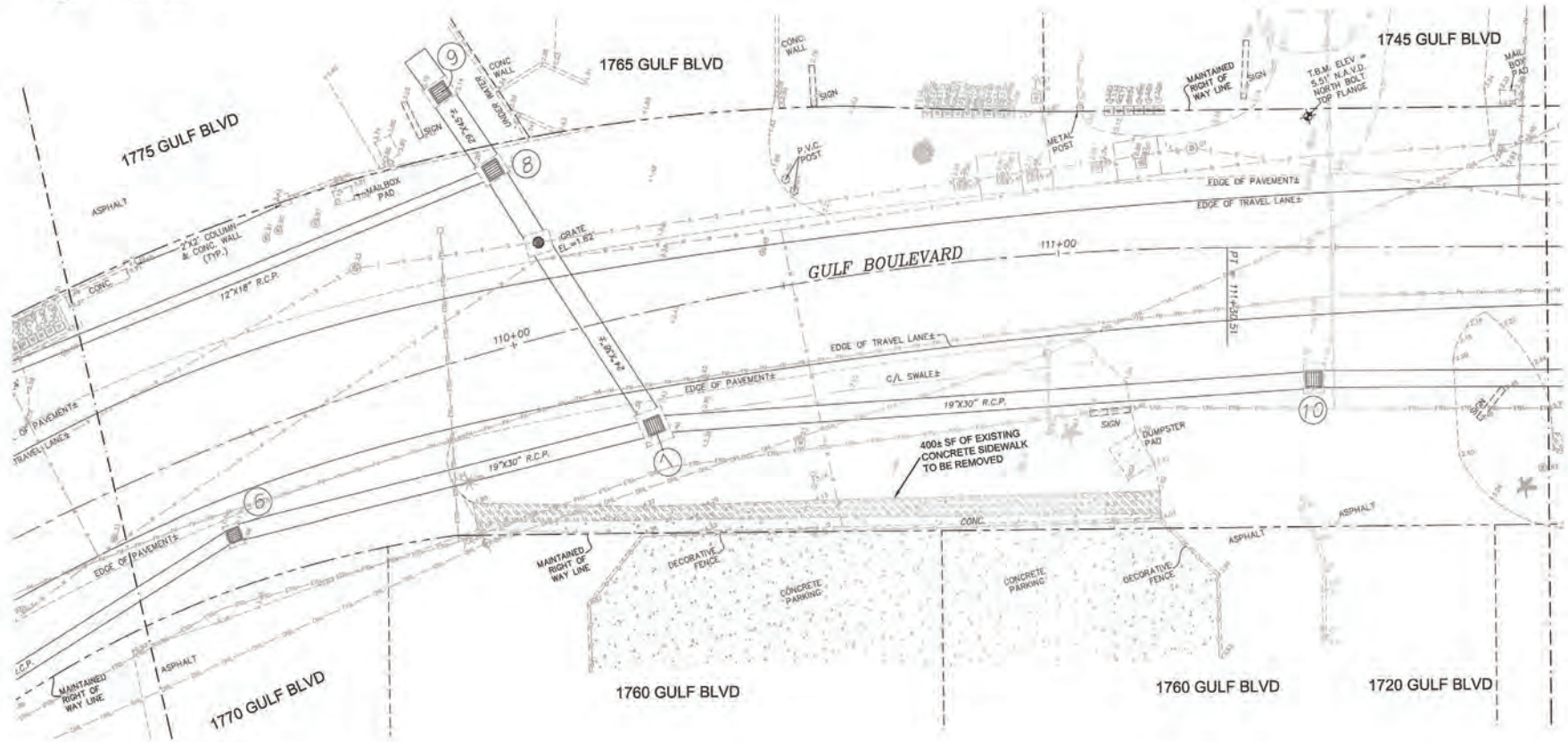
WE **alliance in engineering**
201 W. MARION AVE. SUITE 1305
PUNTA GORDA, FLORIDA 33950
941.505.1700

KEY SHEET
GULF BLVD IMPROVEMENTS

Description	Date	By
1. REVISION FOR WORK COMPLETION	02/28/2019	JNB
2. WORK ORDER FOR CONSTRUCTION	02/28/2019	JNB



Sheet No. 5



LEGEND

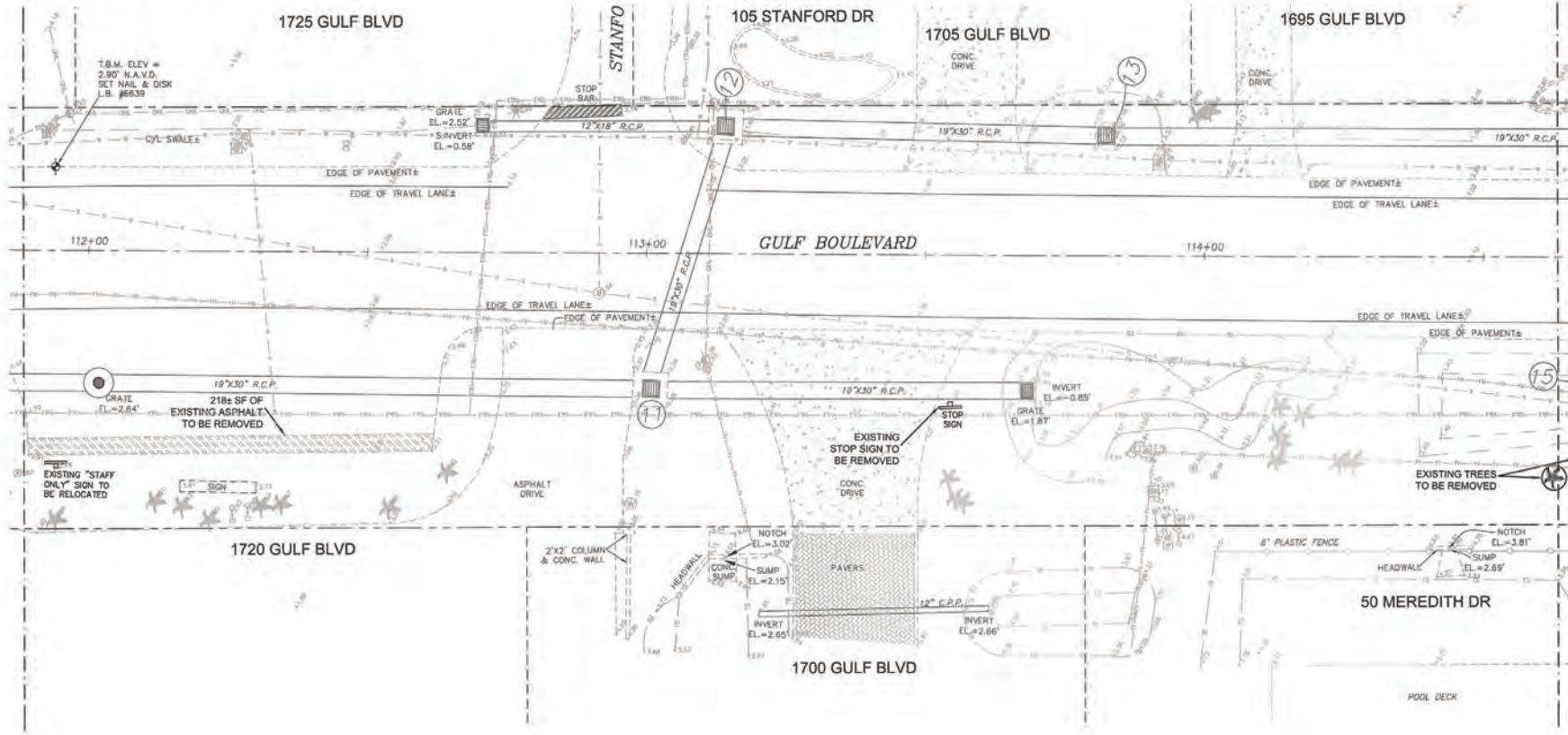
EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	111.50
CONSTRUCTION BASELINE	---	EXISTING FENCE	—○—○—○—
SHEET MATCH-LINE	---	EXISTING TELEPHONE LINE	—E TEL— E TEL—
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	—TV— TV— TV—
EXISTING BRICK	---	EXISTING OVERHEAD LINE	—OHL— OHL—
EXISTING BUILDING	---	EXISTING SEWER FORCEMAIN	—FM— FM— FM—
EXISTING CONCRETE	---	EXISTING WATER MAIN	—W— W— W—
EXISTING SHELL	---	APPROX. VEGETATION LINE	---
EXISTING TOE OF SLOPE	---	EXISTING TREES	---
EXISTING TOP OF BANK	---	EXISTING POWER POLE	---
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	---

GULF BOULEVARD STA. 109+23 TO STA. 111+32

Design:	BRW/JNB
Drawn:	JNB
Checked:	JNB
Approved:	MJC
Date Issued:	01/28/19
Scale:	1" = 10' @ 22" x 34"
Job No.:	14089.002 (130)
Project:	201 W. MARION AVE. SUITE 1308 PUNTA GORDA, FLORIDA 33950 941.505.1700
Client:	W&A
Contract:	201 W. MARION AVE. SUITE 1308 PUNTA GORDA, FLORIDA 33950 941.505.1700



E4



LEGEND

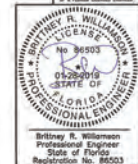
EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	11.50'
CONSTRUCTION BASELINE	---	EXISTING FENCE	— — —
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	—ETEL—ETEL—
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	—TV—TV—TV—
EXISTING BRICK	[Pattern]	EXISTING OVERHEAD LINE	—OHL—OHL—
EXISTING BUILDING	[Pattern]	EXISTING SEWER FORCEMAIN	—FM—FM—FM—
EXISTING CONCRETE	[Pattern]	EXISTING WATER MAIN	—W—W—W—
EXISTING SHELL	[Pattern]	APPROX. VEGETATION LINE	~ ~ ~ ~ ~
EXISTING TOE OF SLOPE	---	EXISTING TREES	[Tree Symbols]
EXISTING TOP OF BANK	---	EXISTING POWER POLE	[Pole Symbol]
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	[Pole Symbol]

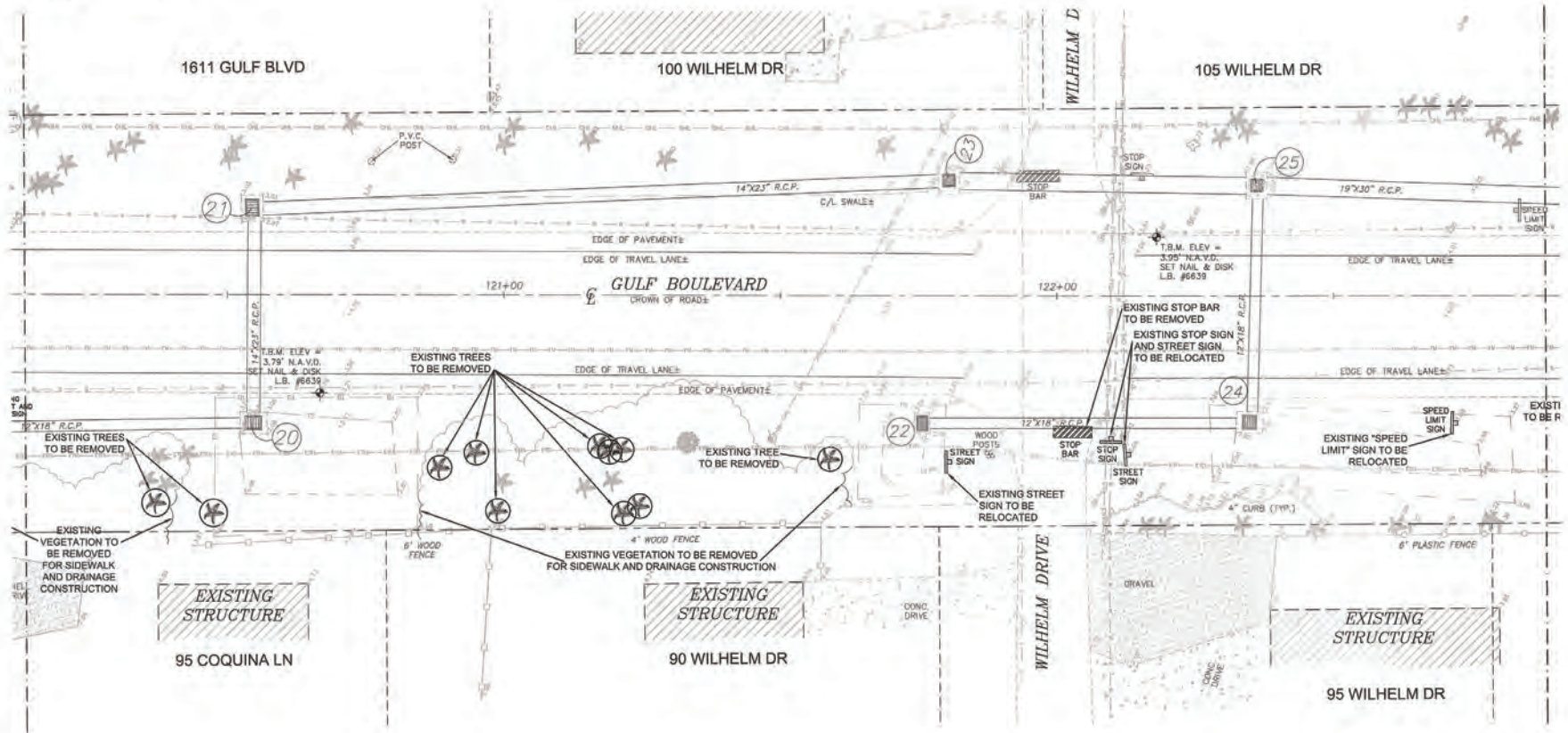
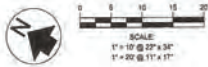
GULF BOULEVARD
STA. 111+32 TO STA. 114+63

Design:	BRW/JAB
Drawn:	JAB
Checked:	MAC
Approved:	MAC
Date Issued:	01/28/19

EXISTING & DEMOLITION PLAN
STA. 111+32 TO STA. 114+63
GULF BLVD IMPROVEMENTS

Date:	By:
05/28/2019	BRW
05/28/2019	JAB
05/28/2019	MAC
05/28/2019	MAC





LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	—•—
CONSTRUCTION BASELINE	---	EXISTING FENCE	—X—
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	—TEL—TEL—
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	—TV—TV—TV—
EXISTING BRICK	[Pattern]	EXISTING OVERHEAD LINE	—OHL—OHL—
EXISTING BUILDING	[Pattern]	EXISTING SEWER FORCEMAIN	—FM—FM—FM—
EXISTING CONCRETE	[Pattern]	EXISTING WATER MAIN	—W—W—W—
EXISTING SHEL	[Pattern]	APPROX. VEGETATION LINE	—V—V—V—
EXISTING TOE OF SLOPE	—T—T—T—	EXISTING TREES	[Tree Symbol]
EXISTING TOP OF BANK	—B—B—B—	EXISTING POWER POLE	[Pole Symbol]
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	[Light Pole Symbol]

GULF BOULEVARD
STA. 120+13 TO STA. 122+88

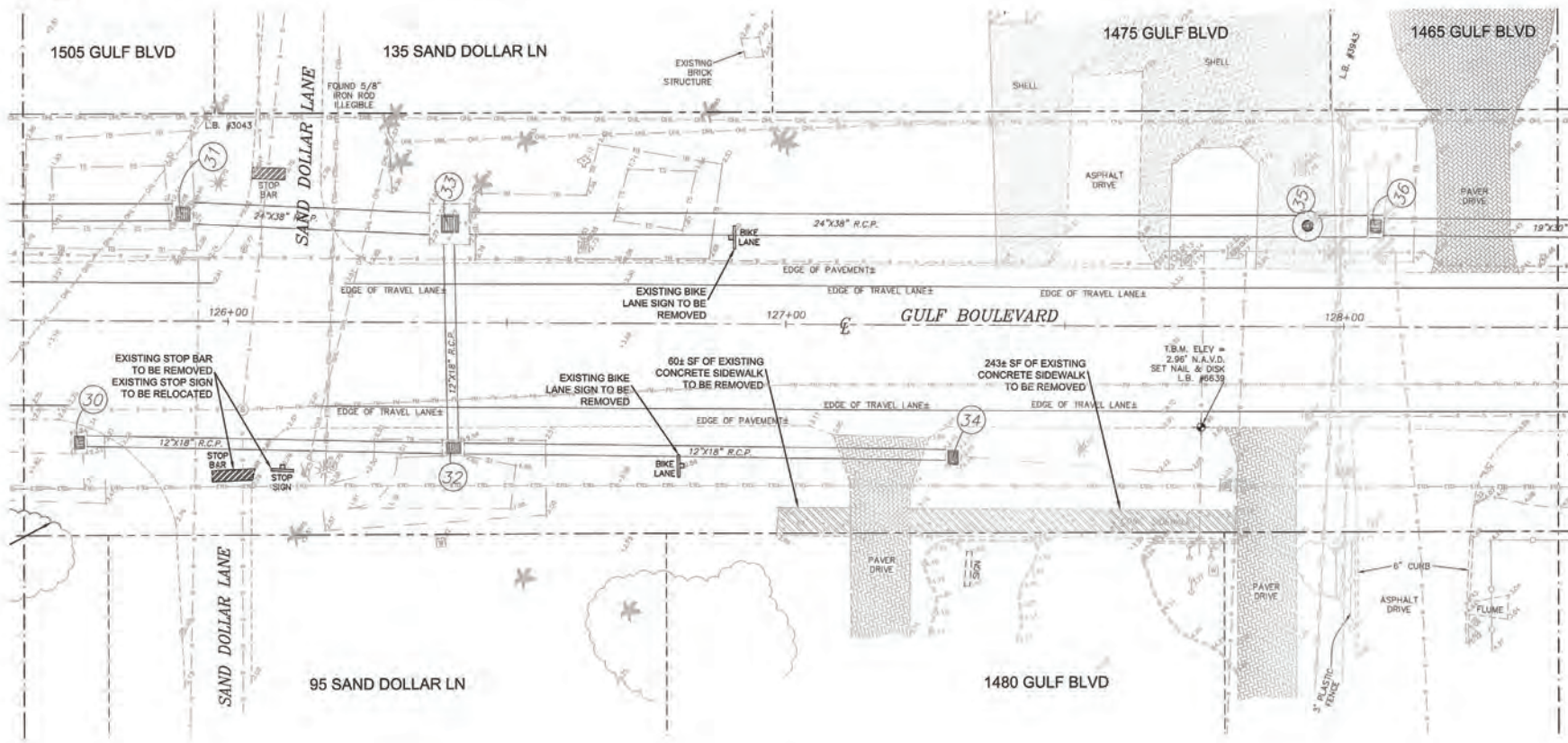
Design:	BRW/JNB
Drawn:	JNB
Checked:	BRW
Approved:	MCC
Date Issued:	01/26/19
Scale:	1" = 10' @ 22x34 1" = 20' @ 11x17
Job No:	14089.002 (130)
Job Name:	201 W. MARION AVE. SUITE 1308 PUNTA GORDA, FLORIDA 33950 941.505.1700

EXISTING & DEMOLITION PLAN
STA. 120+13 TO STA. 122+88
GULF BLVD IMPROVEMENTS

Description	Date	By
1. PREPARE FOR CONSTRUCTION	01/26/19	JNB
2. WORK FOR CONSTRUCTION	01/26/19	JNB
3. WORK FOR CONSTRUCTION	01/26/19	JNB







LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	12.50'
CONSTRUCTION BASELINE	---	EXISTING FENCE	—○—○—○—
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	—ETEL—ETEL—
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	—TV—TV—TV—
EXISTING BRICK	▨	EXISTING OVERHEAD LINE	—OHL—OHL—
EXISTING BUILDING	▨	EXISTING SEWER FORCEMAIN	—FM—FM—FM—
EXISTING CONCRETE	▨	EXISTING WATER MAIN	—W—W—W—
EXISTING SHELL	▨	APPROX. VEGETATION LINE	—
EXISTING TOE OF SLOPE	—15—15—	EXISTING TREES	★
EXISTING TOP OF BANK	—15—15—	EXISTING POWER POLE	⊙
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	⊙

GULF BOULEVARD STA. 125+63 TO STA. 128+38

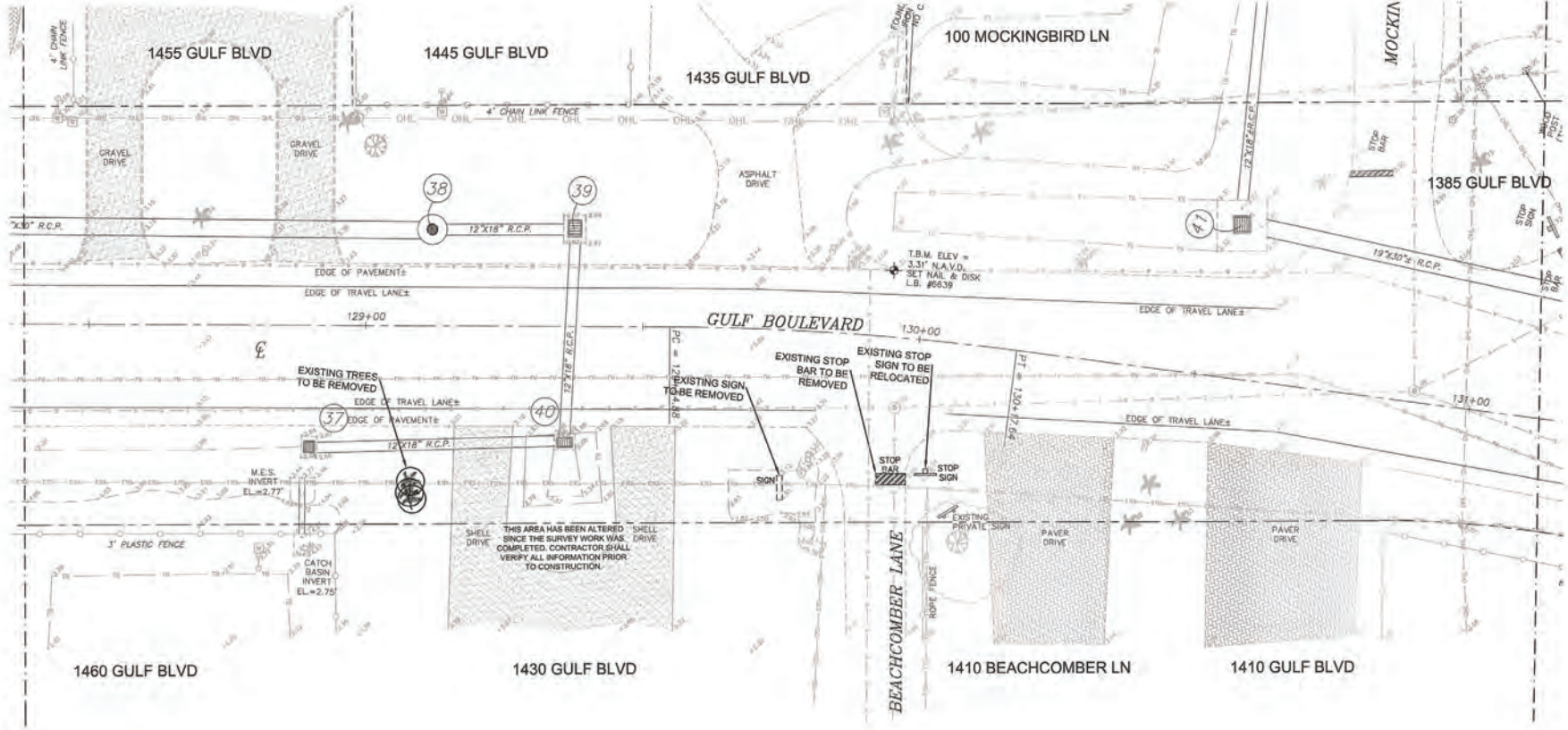
Design:	BRW/JNB
Drawn:	JNB
Checked:	BRW
Approved:	MJC
Job No:	14089.002 (130)
Date Issued:	01/28/19

EXISTING & DEMOLITION PLAN
STA. 125+63 TO STA. 128+38
GULF BLVD IMPROVEMENTS

By:	BRW
Date:	01/28/19
Description:	REMOVED STOP BAR AND STOP SIGN TO BE RELOCATED TO EXISTING STOP SIGN LOCATION



14089.002 STA. 128+38 TO STA. 131+13 GULF BLVD IMPROVEMENTS



LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+5.00
CONSTRUCTION BASELINE	---	EXISTING FENCE	□
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	—E TEL—E TEL—
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	—TV—TV—TV—
EXISTING BRICK	[Pattern]	EXISTING OVERHEAD LINE	—OHL—OHL—
EXISTING BUILDING	[Pattern]	EXISTING SEWER FORCEMAIN	—FM—FM—FM—
EXISTING CONCRETE	[Pattern]	EXISTING WATER MAIN	—W—W—W—
EXISTING SHELL	[Pattern]	APPROX. VEGETATION LINE	~
EXISTING TOE OF SLOPE	---	EXISTING TREES	* *
EXISTING TOP OF BANK	---	EXISTING POWER POLE	⊕
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	⊕

GULF BOULEVARD STA. 128+38 TO STA. 131+13

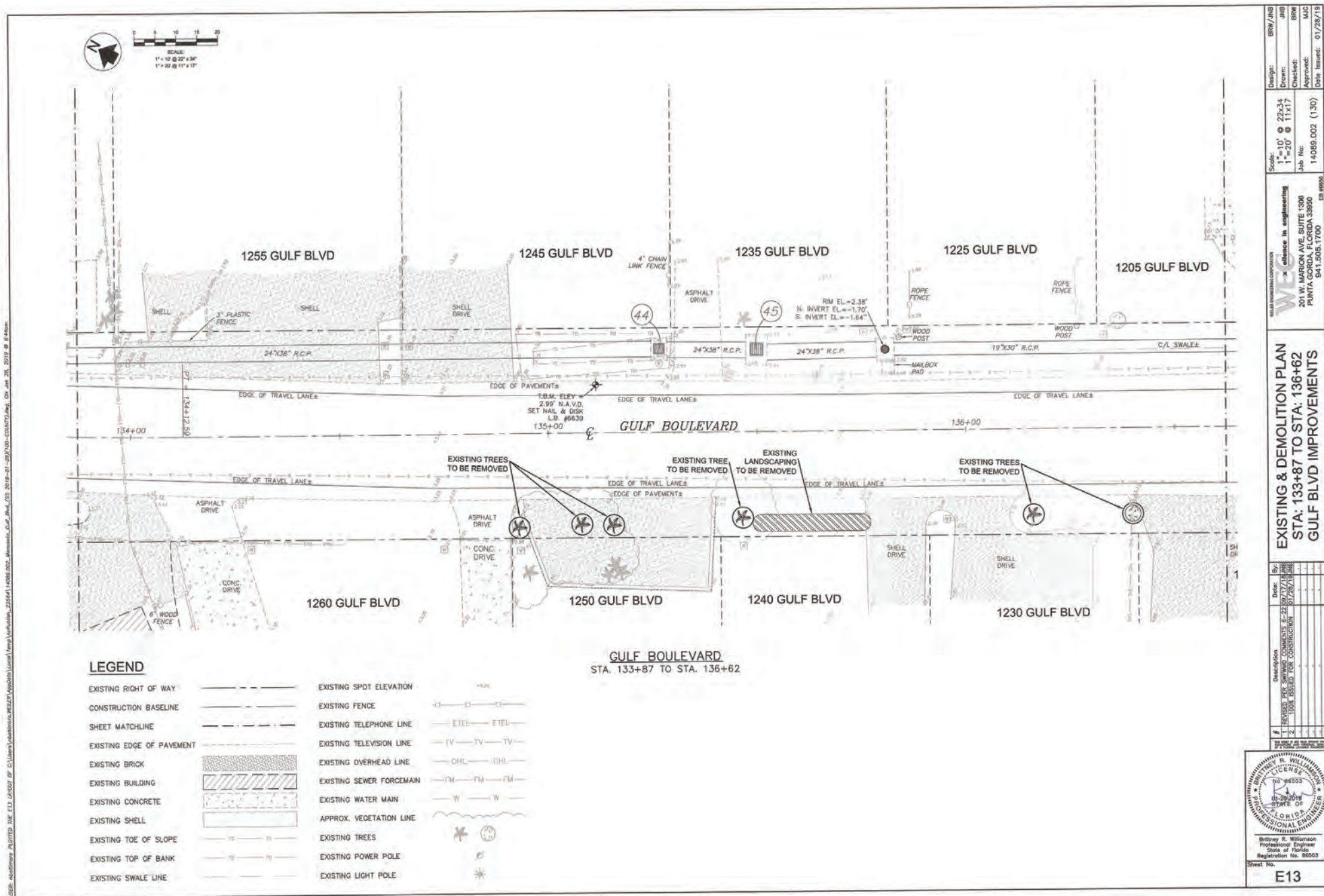
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Drawn:	JNB
Checked:	BRW
Approved:	MAO
Date Issued:	01/28/19

EXISTING & DEMOLITION PLAN
STA. 128+38 TO STA. 131+13
GULF BLVD IMPROVEMENTS

#	Description	By	Date
1	REVISION: 1.00 - 1.00	BRW	01/28/19



Sheet No. **E11**





GULF BOULEVARD
STA. 136+62 TO STA. 139+37

Scale:	Design:
1" = 10' @ 22x34	Drawn: JNB
1" = 20' @ 11x17	Checked: BRW
Job No:	Approved: MJC
14089.002 (130)	Date Issued: 01/28/19

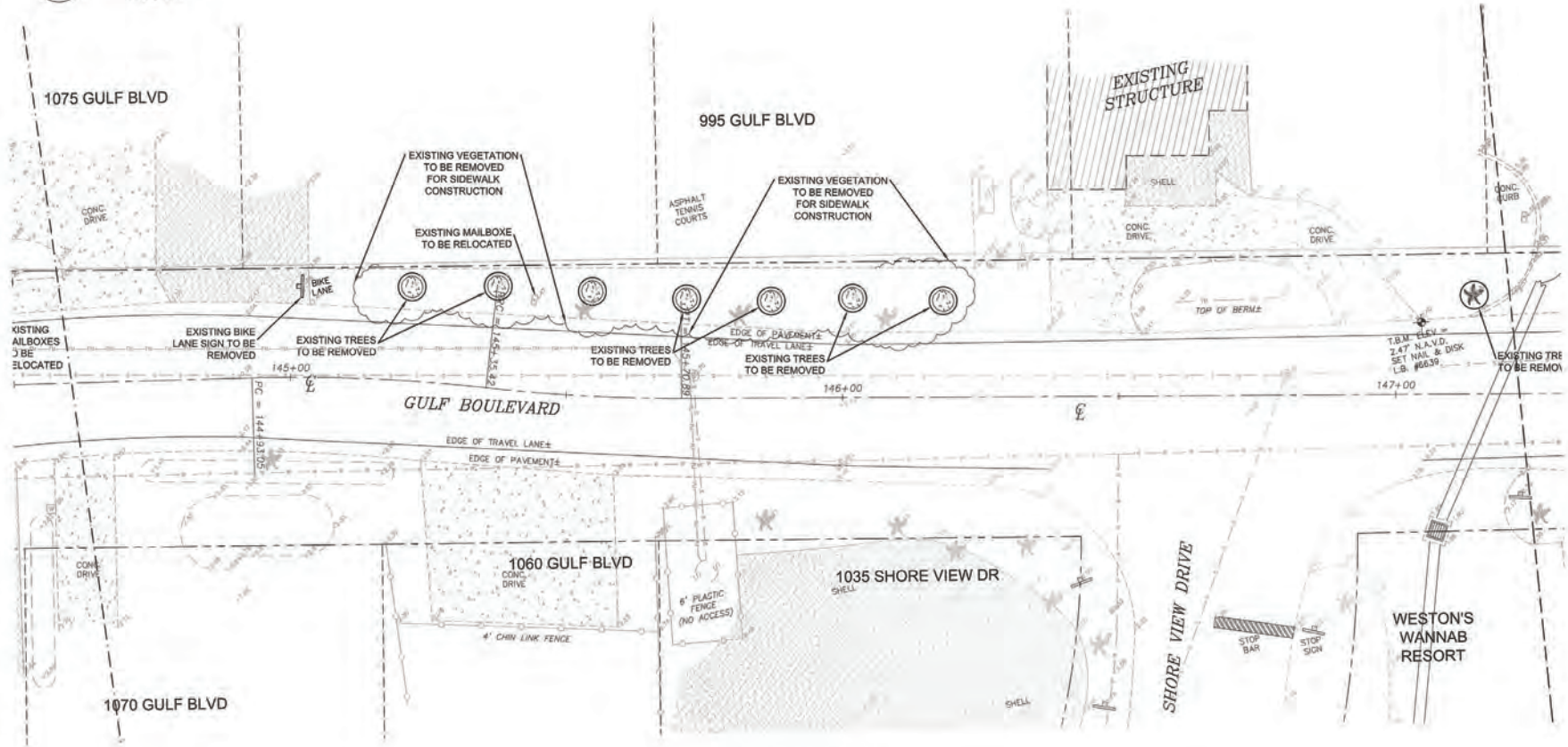
201 W. MARION AVE., SUITE 1306
PUNTA GORDA, FLORIDA 33950
941.505.1700

EXISTING & DEMOLITION PLAN
STA: 136+62 TO STA: 139+37
GULF BLVD IMPROVEMENTS

#	Description	Date:	By:
1	REVISED PER SPMW COMMENTS 6-22/09/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100	01/28/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100	1
2	100% ISSUED FOR CONSTRUCTION	01/28/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100	1
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100			1



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LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	145.2
CONSTRUCTION BASELINE	---	EXISTING FENCE	—○—○—
SHEET MATCHLINE	- - - - -	EXISTING TELEPHONE LINE	—TEL—TEL—
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	—TV—TV—TV—
EXISTING BRICK	[Pattern]	EXISTING OVERHEAD LINE	—OHL—OHL—
EXISTING CONCRETE	[Pattern]	EXISTING SEWER FORCEMAIN	—FM—FM—FM—
EXISTING SHELL	[Pattern]	EXISTING WATER MAIN	—W—W—W—
EXISTING TOE OF SLOPE	—TS—TS—	APPROX. VEGETATION LINE	~~~~~
EXISTING TOP OF BANK	—TB—TB—	EXISTING TREES	[Tree Symbol]
EXISTING SWALE LINE	---	EXISTING POWER POLE	[Pole Symbol]
		EXISTING LIGHT POLE	[Light Pole Symbol]

GULF BOULEVARD
STA. 144+60 TO STA. 147+22

Design:	BRW/JMB
Drawn:	JMB
Checked:	22-34
Approved:	11-17
Scale:	1" = 10' @ 37" x 34"
Job No:	14081.002 (130)
Job Name:	201 W. WANNAB AVE. SUITE 108 FORTA CORP. FLORIDA 33660
Job Date:	01/28/19

WILLIAMSON ENGINEERING
201 W. WANNAB AVE. SUITE 108
FORTA CORP. FLORIDA 33660
941.505.1700
www.williamson-engineering.com

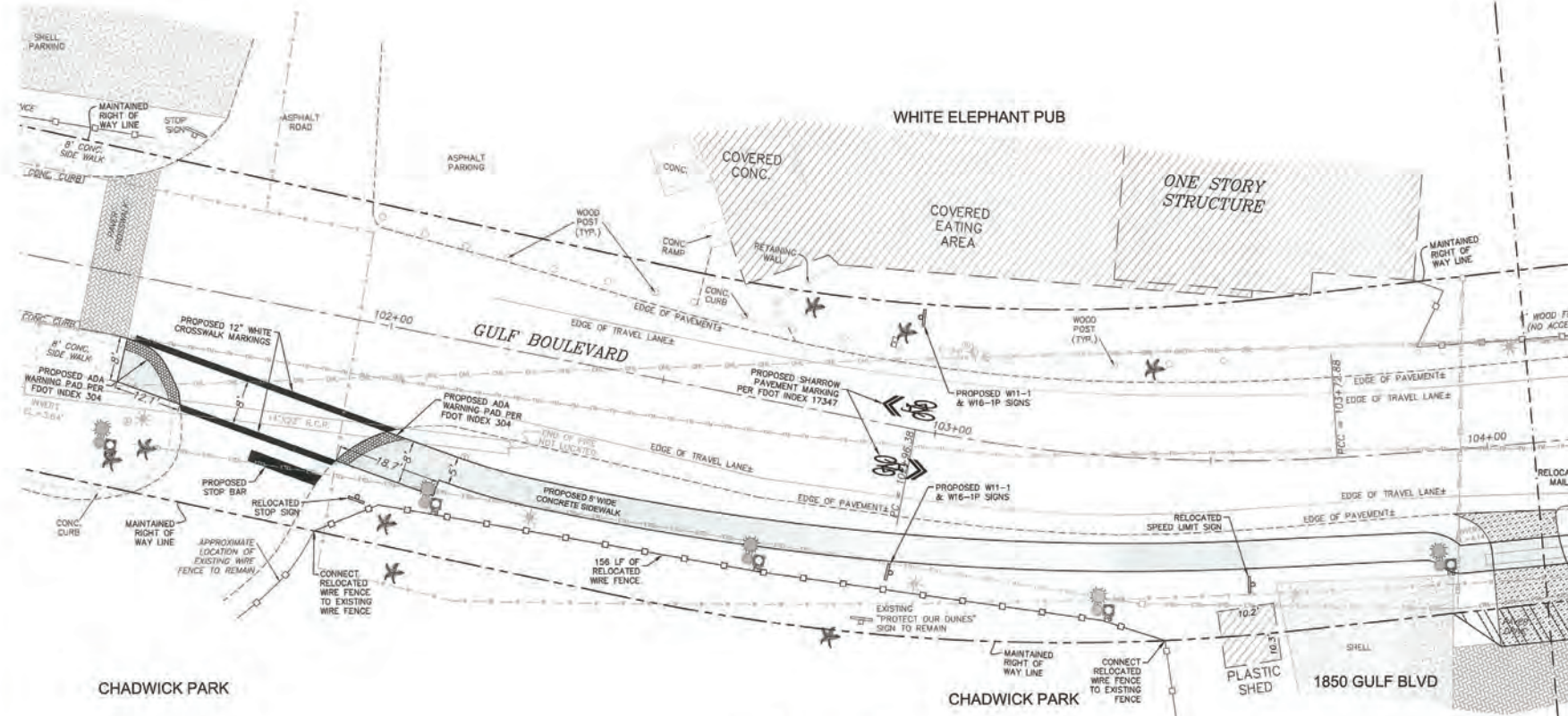
EXISTING & DEMOLITION PLAN
STA: 144+60 TO STA: 147+22
GULF BLVD IMPROVEMENTS

Description	Date
1. PROPOSED FOR SIDEWALK CONSTRUCTION	01/28/19
2. EXISTING TRI TO BE REMOVED	01/28/19



Brittany R. Williamson
Professional Engineer
State of Florida
Registration No. 85503

Sheet No. E17



LEGEND

EXISTING RIGHT OF WAY	---
CONSTRUCTION BASELINE	---
SHEET MATCHLINE	---
EXISTING EDGE OF PAVEMENT	---
EXISTING BRICK	[Pattern]
EXISTING BUILDING	[Pattern]
EXISTING CONCRETE	[Pattern]
EXISTING SHELL	[Pattern]
EXISTING TOE OF SLOPE	---
EXISTING TOP OF BANK	---
EXISTING SWALE LINE	---
EXISTING FENCE	[Symbol]
EXISTING TELEPHONE LINE	ETEL-ETEL
EXISTING TELEVISION LINE	TV-TV
EXISTING OVERHEAD LINE	OHL-OHL
EXISTING SEWER FORCEMAIN	FM-FM
EXISTING WATER MAIN	W-W
APPROX. VEGETATION LINE	[Symbol]
EXISTING TREES	[Symbol]
EXISTING POWER POLE	[Symbol]
EXISTING LIGHT POLE	[Symbol]
PROPOSED CONCRETE DRIVE	[Pattern]
PROPOSED CONCRETE SIDEWALK	[Pattern]
PROPOSED ASPHALT PAVEMENT	[Pattern]
PROPOSED PAYER BRICK REPLACEMENT	[Pattern]
PROPOSED SHELL DRIVE REGRADING	[Pattern]
PROPOSED TOP OF BANK	---
PROPOSED TOE OF BANK	---
PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]

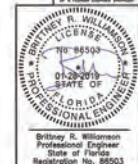
GULF BOULEVARD STA. 101+20 TO STA. 104+08

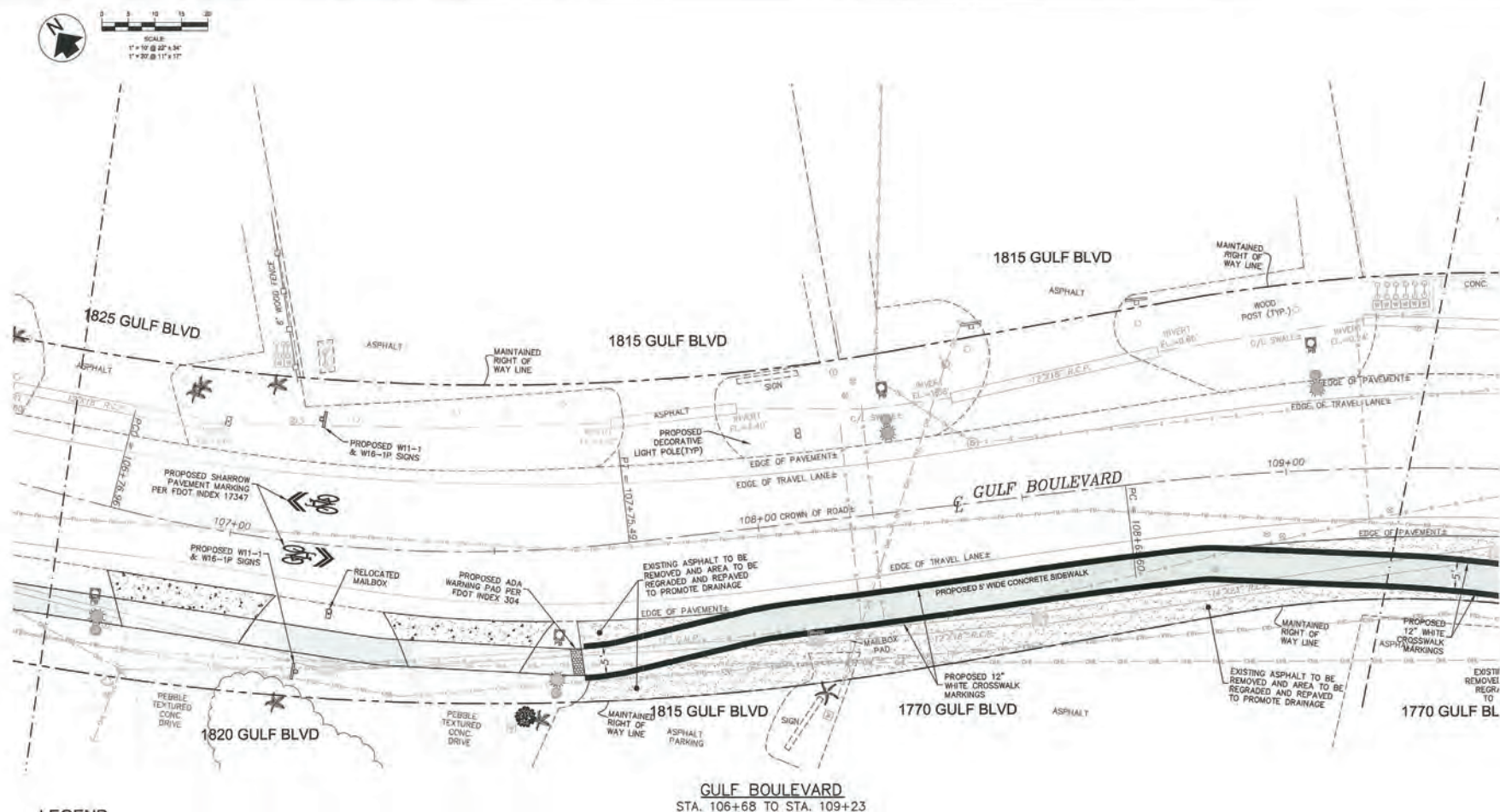
Design:	BRW/JNB
Drawn:	JNB
Checked:	BRW
Approved:	MAC
Date Issued:	01/28/19

Scale:	1" = 10'
1" = 20'	
Job No.	14089.002 (130)
Job Name	14089.002 (130)
Job Address	201 W. MARION AVE. SUITE 1305 PUNTA GORDA, FLORIDA 33900
Job Phone	941.505.1700
Job Email	info@wsi.com

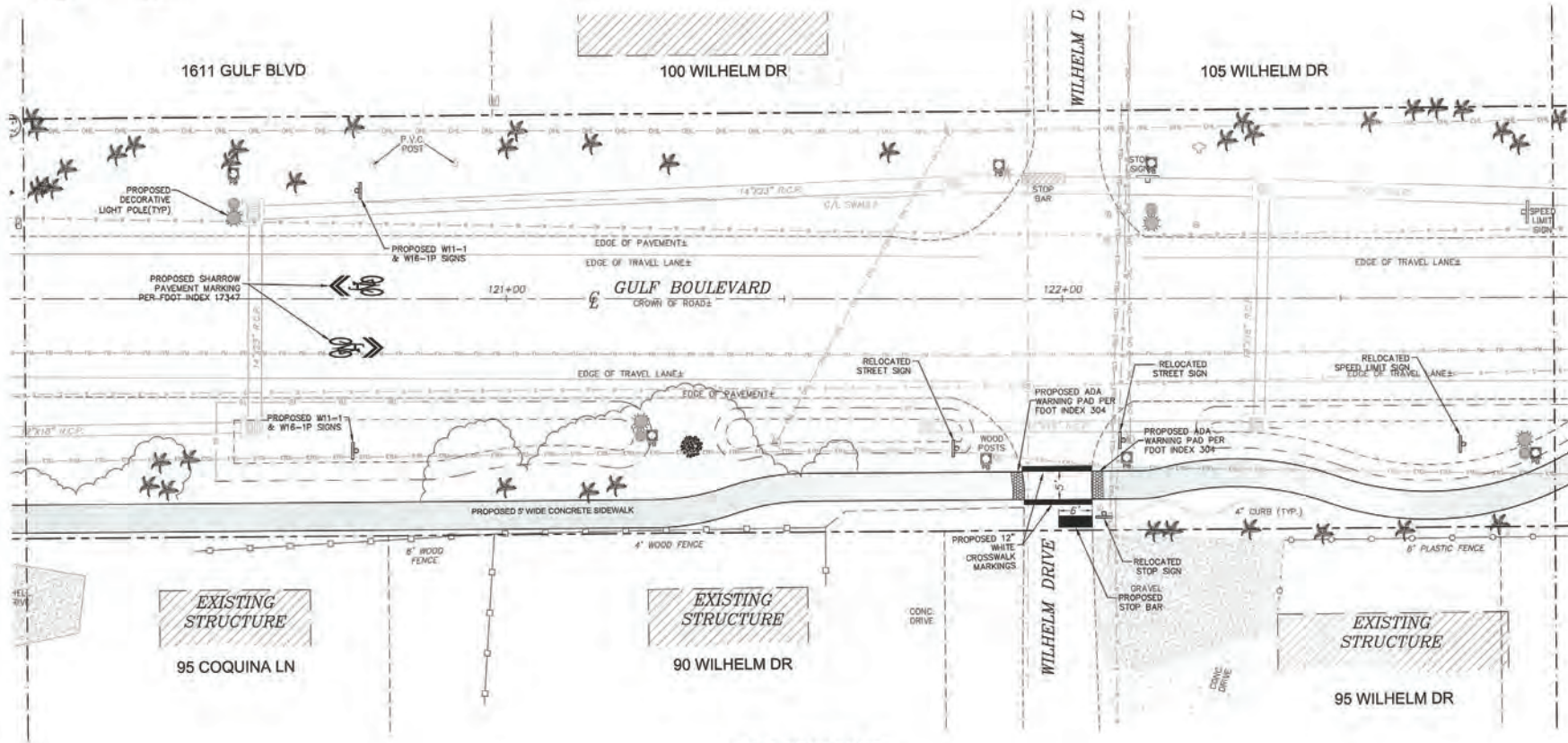
SITE PLAN STA. 101+20 TO STA. 104+08 GULF BLVD IMPROVEMENTS

By:	BRW/JNB
Date:	01/28/19
Description:	PROPOSED IMPROVEMENTS TO GULF BLVD FROM STA. 101+20 TO STA. 104+08









LEGEND

EXISTING RIGHT OF WAY	---
CONSTRUCTION BASELINE	---
SHEET MATCH-LINE	---
EXISTING EDGE OF PAVEMENT	---
EXISTING BRICK	[Pattern]
EXISTING BUILDING	[Pattern]
EXISTING CONCRETE	[Pattern]
EXISTING SHELL	[Pattern]
EXISTING TOE OF SLOPE	---
EXISTING TOP OF BANK	---
EXISTING SWALE LINE	---
EXISTING FENCE	[Symbol]
EXISTING TELEPHONE LINE	ETP---ETEL---
EXISTING TELEVISION LINE	TV---TV---
EXISTING OVERHEAD LINE	OHL---OHL---
EXISTING SEWER FORCEMAIN	FM---FM---
EXISTING WATER MAIN	W---W---
APPROX. VEGETATION LINE	[Symbol]
EXISTING TREES	[Symbol]
EXISTING POWER POLE	[Symbol]
EXISTING LIGHT POLE	[Symbol]
PROPOSED CONCRETE DRIVE	[Pattern]
PROPOSED CONCRETE SIDEWALK	[Pattern]
PROPOSED ASPHALT PAVEMENT	[Pattern]
PROPOSED PAVER BRICK REPLACEMENT	[Pattern]
PROPOSED SHELL DRIVE REGRADING	[Pattern]
PROPOSED TOP OF BANK	---
PROPOSED TOE OF BANK	---
PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]

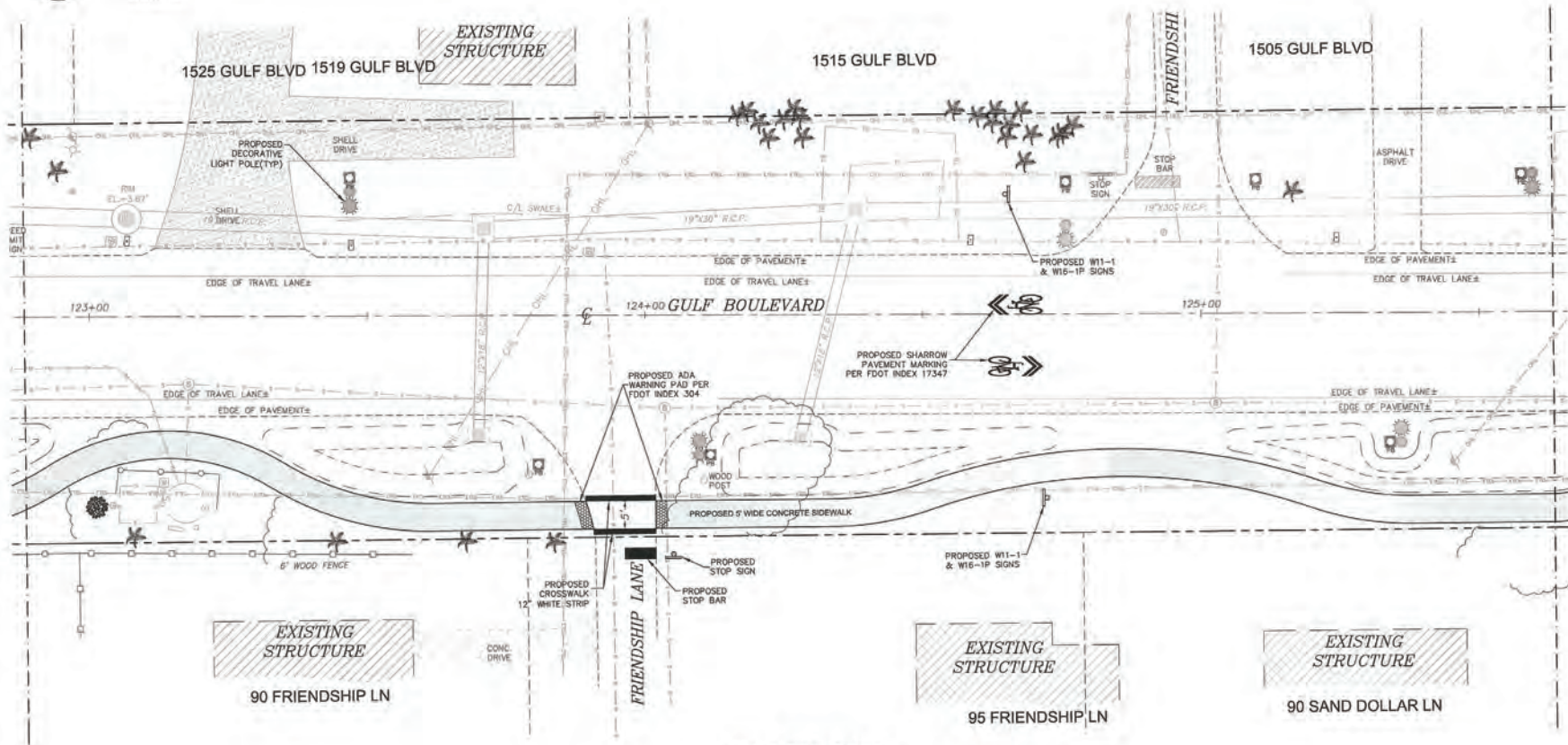
GULF BOULEVARD
STA. 120+13 TO STA. 122+88

Scale:	1" = 10' @ 24" x 36"
Designer:	BRW/JNB
Drawn:	JNB
Checked:	22-34
Approved:	11x17
Job No.:	14089.002 (130)
Date Issued:	01/25/19

SITE PLAN
STA: 120+13 TO STA: 122+88
GULF BLVD IMPROVEMENTS

Description	By	Date
REVIEW FOR THIS PROJECT	BRW	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19
REVIEW FOR THIS PROJECT	JNB	01/25/19

Professional Engineer Seal for Brian A. Wilson, State of Florida, Registration No. 85503. Sheet No. **S8**



LEGEND

EXISTING RIGHT OF WAY	---	EXISTING FENCE	—○—○—○—	PROPOSED CONCRETE DRIVE	▨
CONSTRUCTION BASELINE	---	EXISTING TELEPHONE LINE	—TEL—TEL—	PROPOSED CONCRETE SIDEWALK	▨
SHEET MATCHLINE	---	EXISTING TELEVISION LINE	—TV—TV—TV—	PROPOSED ASPHALT PAVEMENT	▨
EXISTING EDGE OF PAVEMENT	---	EXISTING OVERHEAD LINE	—OHL—OHL—	PROPOSED PAVER BRICK REPLACEMENT	▨
EXISTING BRICK	▨	EXISTING SEWER FORCEMAIN	—FM—FM—FM—	PROPOSED SHELL DRIVE REGRADING	▨
EXISTING BUILDING	▨	EXISTING WATER MAIN	—W—W—W—	PROPOSED TOP OF BANK	---
EXISTING CONCRETE	▨	APPROX. VEGETATION LINE	—V—V—V—	PROPOSED TOE OF BANK	---
EXISTING SHELL	▨	EXISTING TREES	✱	PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	✱
EXISTING TOE OF SLOPE	---	EXISTING POWER POLE	⊕	PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	⊕
EXISTING TOP OF BANK	---	EXISTING LIGHT POLE	⊕		
EXISTING SWALE LINE	---				

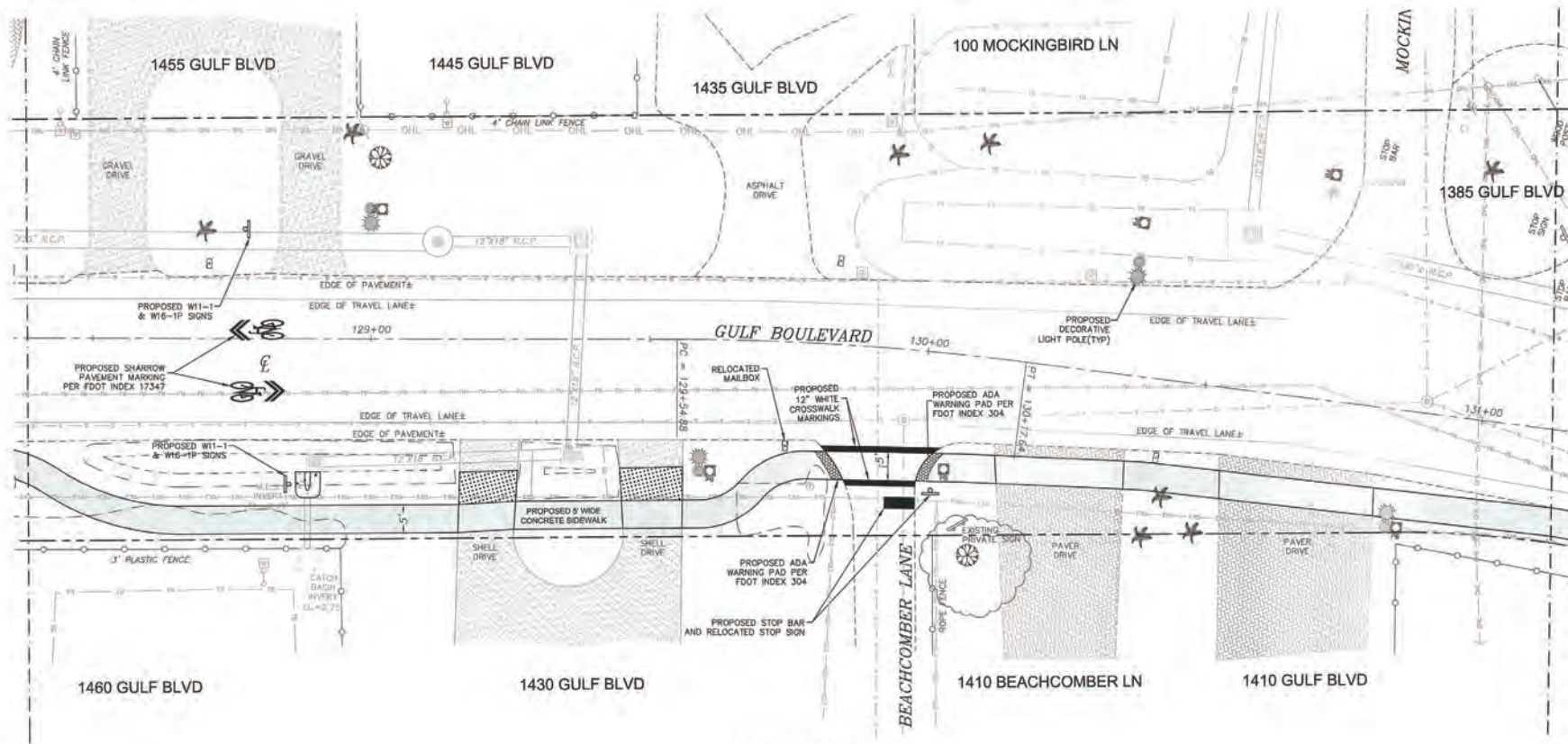
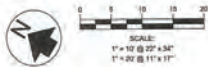
Design:	BRW/JNB
Drawn:	JNB
Checked:	BRW
Approved:	MGC
Date Issued:	01/29/19
Scale:	1" = 10' @ 22x34 1" = 20' @ 11x17
JOB No:	140389.002 (130)
ED 8896	

WEC
civilian in engineering
201 W MARION AVE, SUITE 1306
PUNTA GORDA, FLORIDA 33960
941.505.1700

Description	By	Date
PROJECT FILE	BRW	01/29/19
REVISION	JNB	01/29/19
REVISION	JNB	01/29/19
REVISION	JNB	01/29/19
REVISION	JNB	01/29/19
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REVISION	JNB	01/29/19
REVISION	JNB	01/29/19
REVISION	JNB	01/29/19
REVISION	JNB	01/29/19

BRITNEY R. WILLIAMSON
LICENSE
No. 86503
01/29/2019
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
BRITNEY R. WILLIAMSON
Professional Engineer
State of Florida
Registration No. 86503
Sheet No. **S9**

USER: e:\projects\10000\10000.dwg Plot Date: 01/28/2019 10:10:00 AM Plot Path: e:\projects\10000\10000.dwg Plot Scale: 1"=20' 0" 1/4"=10' 0" 1/8"=5' 0" 1/16"=2' 6" 3/16"=1' 9" 1/32"=1' 3" 3/64"=1' 0" 1/64"=0' 6" 1/128"=0' 3" 1/256"=0' 1" 1/512"=0' 0" 1/1024"=0' 0" 1/2048"=0' 0" 1/4096"=0' 0" 1/8192"=0' 0" 1/16384"=0' 0" 1/32768"=0' 0" 1/65536"=0' 0" 1/131072"=0' 0" 1/262144"=0' 0" 1/524288"=0' 0" 1/1048576"=0' 0" 1/2097152"=0' 0" 1/4194304"=0' 0" 1/8388608"=0' 0" 1/16777216"=0' 0" 1/33554432"=0' 0" 1/67108864"=0' 0" 1/134217728"=0' 0" 1/268435456"=0' 0" 1/536870912"=0' 0" 1/1073741824"=0' 0" 1/2147483648"=0' 0" 1/4294967296"=0' 0" 1/8589934592"=0' 0" 1/17179869184"=0' 0" 1/34359738368"=0' 0" 1/68719476736"=0' 0" 1/137438953472"=0' 0" 1/274877906944"=0' 0" 1/549755813888"=0' 0" 1/1099511627776"=0' 0" 1/2199023255552"=0' 0" 1/4398046511104"=0' 0" 1/8796093022208"=0' 0" 1/17592186044416"=0' 0" 1/35184372088832"=0' 0" 1/70368744177664"=0' 0" 1/140737488355328"=0' 0" 1/281474976710656"=0' 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LEGEND

EXISTING RIGHT OF WAY	---
CONSTRUCTION BASELINE	---
SHEET MATCHLINE	- - - -
EXISTING EDGE OF PAVEMENT	---
EXISTING BRICK	[Pattern]
EXISTING BUILDING	[Pattern]
EXISTING CONCRETE	[Pattern]
EXISTING SHELL	[Pattern]
EXISTING TOE OF SLOPE	---
EXISTING TOP OF BANK	---
EXISTING SWALE LINE	---
EXISTING FENCE	---
EXISTING TELEPHONE LINE	ETEL---ETEL
EXISTING TELEVISION LINE	TV---TV
EXISTING OVERHEAD LINE	OHL---OHL
EXISTING SEWER FORCEMAIN	FM---FM
EXISTING WATER MAIN	W---W
APPROX. VEGETATION LINE	[Symbol]
EXISTING TREES	[Symbol]
EXISTING POWER POLE	[Symbol]
EXISTING LIGHT POLE	[Symbol]
PROPOSED CONCRETE DRIVE	[Pattern]
PROPOSED CONCRETE SIDEWALK	[Pattern]
PROPOSED ASPHALT PAVEMENT	[Pattern]
PROPOSED PAVER BRICK REPLACEMENT	[Pattern]
PROPOSED SHELL DRIVE REGRADING	[Pattern]
PROPOSED TOP OF BANK	---
PROPOSED TOE OF BANK	---
PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]

GULF BOULEVARD
STA. 128+38 TO STA. 131+13

Design: BFW/LJB
Drawn: JNB
Scale: 1"=10' @ 22 1/2" x 34"
1"=20' @ 11" x 17"
Job No: 14089.002 (130)
Checked: BFW
Approved: MCO
Date Issued: 01/28/19

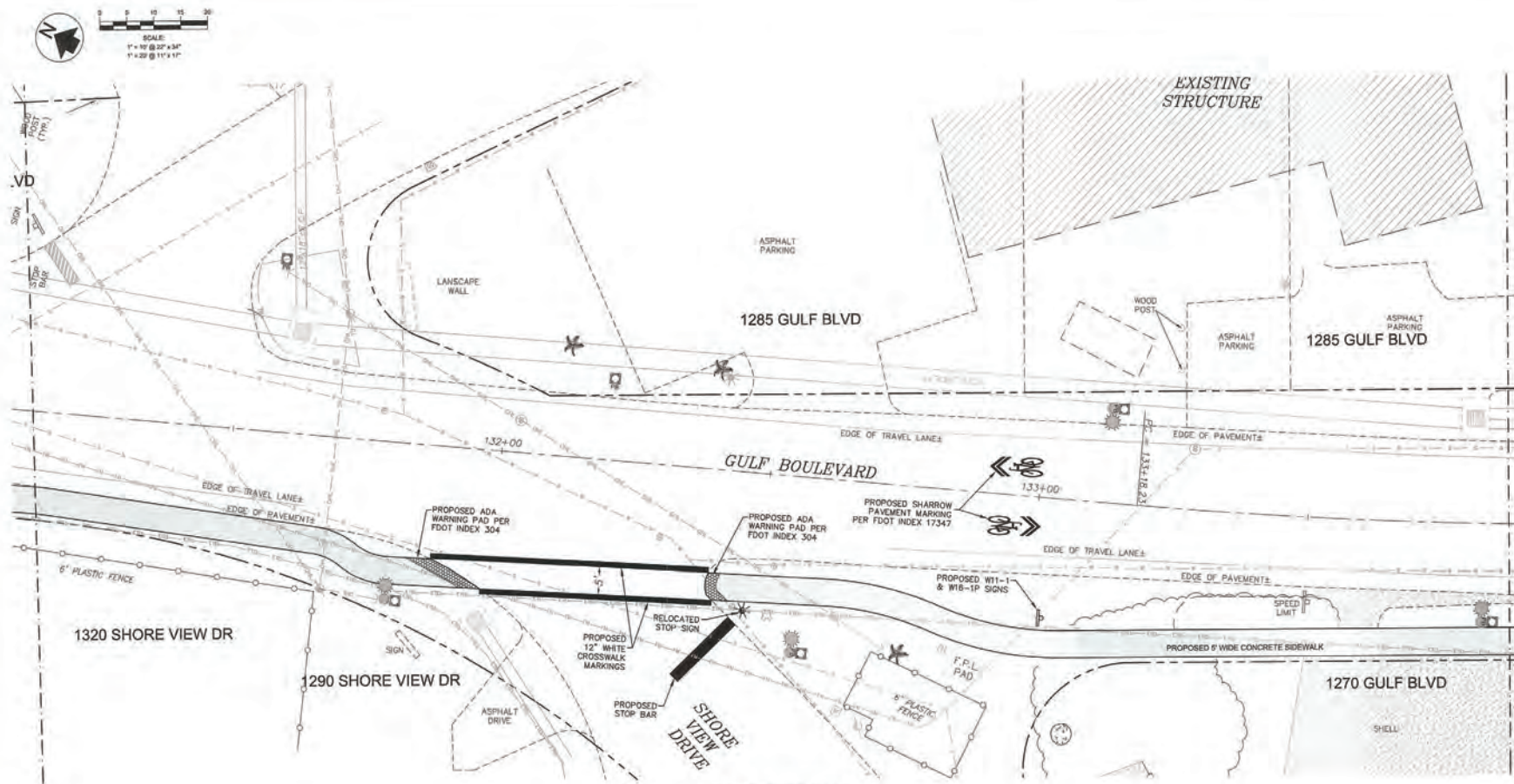
WEG
WILLIAMS ENGINEERING GROUP
alliance in engineering
201 W. MARION AVE. SUITE 1306
PUNTA GORDA, FLORIDA 33950
941.505.1700
EIT 6555

SITE PLAN
STA. 128+38 TO STA. 131+13
GULF BLVD IMPROVEMENTS

Description	By	Date
DESIGNED BY: E-2350		12/17/18
DRAWN BY: JNB		12/17/18
CHECKED BY: BFW		12/17/18
APPROVED BY: MCO		12/17/18



S11



LEGEND

EXISTING RIGHT OF WAY		EXISTING FENCE		PROPOSED CONCRETE DRIVE	
CONSTRUCTION BASELINE		EXISTING TELEPHONE LINE		PROPOSED CONCRETE SIDEWALK	
SHEET MATCHLINE		EXISTING TELEVISION LINE		PROPOSED ASPHALT PAVEMENT	
EXISTING EDGE OF PAVEMENT		EXISTING OVERHEAD LINE		PROPOSED PAVER BRICK REPLACEMENT	
EXISTING BRICK		EXISTING SEWER FORCEMAIN		PROPOSED SHELL DRIVE REGRADING	
EXISTING BUILDING		EXISTING WATER MAIN		PROPOSED TOP OF BANK	
EXISTING CONCRETE		EXISTING VEGETATION LINE		PROPOSED TOE OF BANK	
EXISTING SHELL		EXISTING TREES		PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	
EXISTING TOE OF SLOPE		EXISTING POWER POLE		PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	
EXISTING TOP OF BANK		EXISTING LIGHT POLE			
EXISTING SWALE LINE					

GULF BOULEVARD
STA. 131+13 TO STA. 133+87



x **excellence in engineering**
 201 W. MARION AVE. SUITE 1306
 PUNTA GORDA, FLORIDA 33960
 941.505.1700

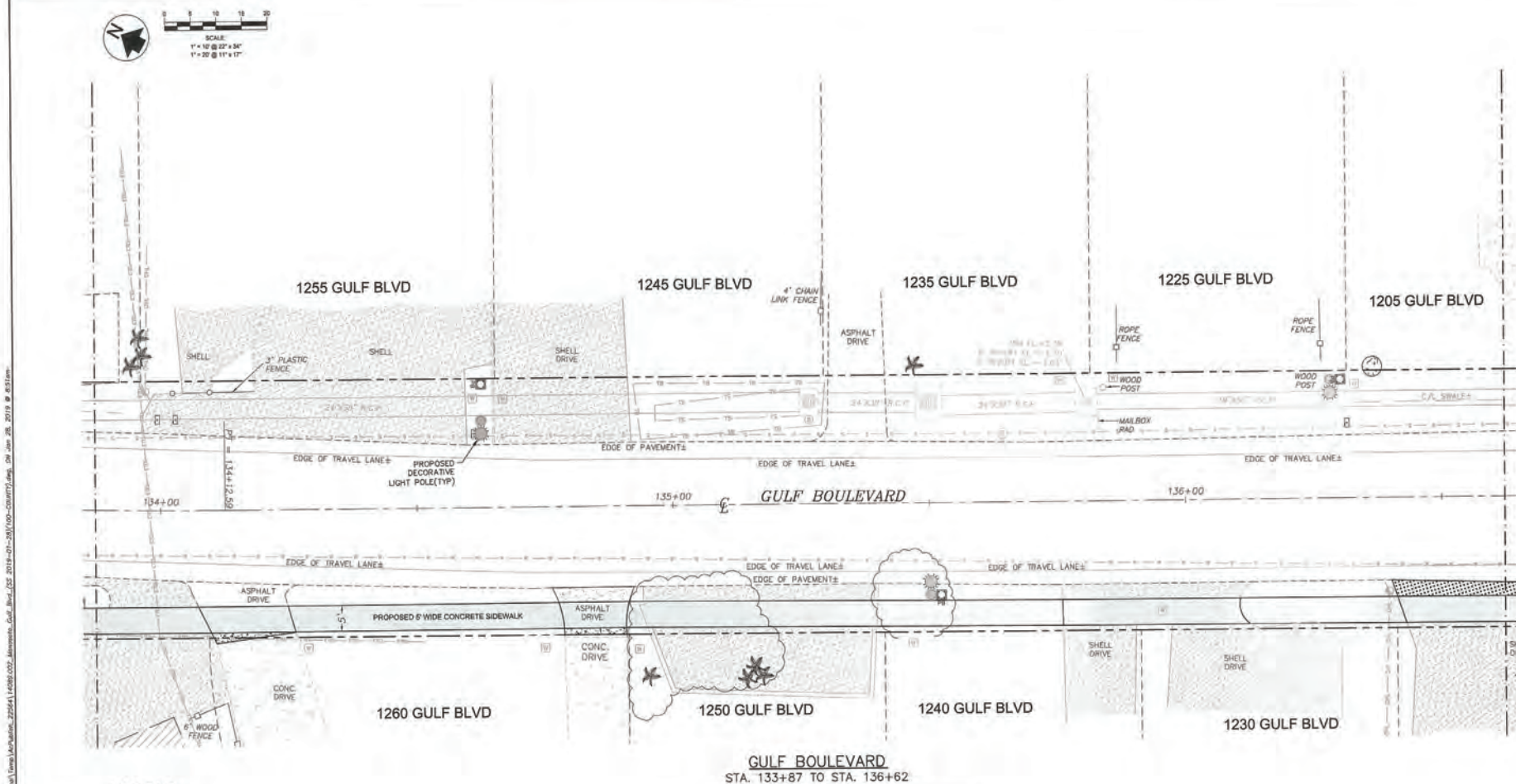
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 1"=20' @ 11x17

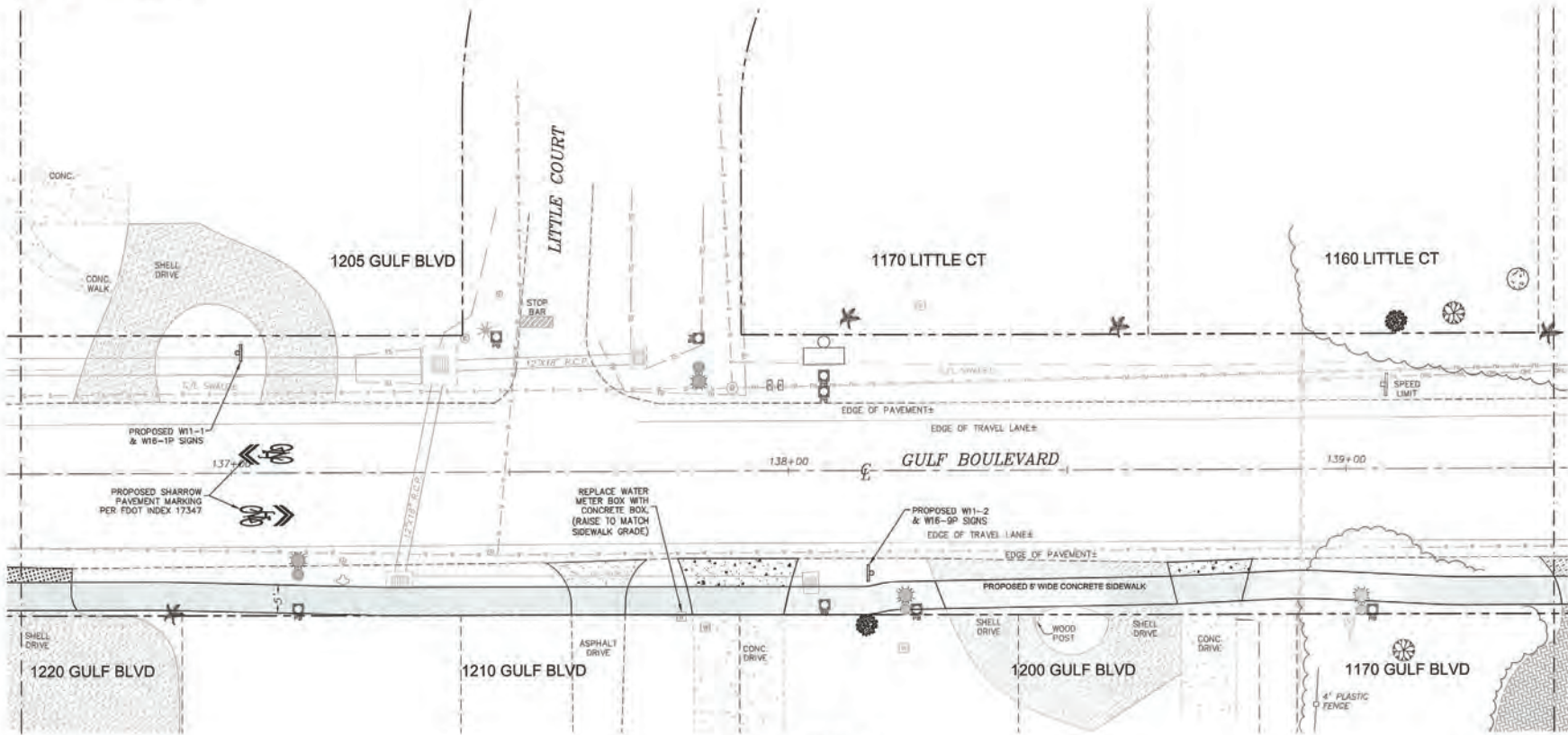
Design: BRW/JNB
Drawn: JNB
Checked: BRW
Approved: M.G.
Date Issued: 01/28/19

SITE PLAN
STA: 131+13 TO STA: 133+87
GULF BLVD IMPROVEMENTS

#	Description	Date:	By:
1	REVISIO PER SAWMID COMMENTS 6-22/09/17/18/19/20	07/28/19/18/19	1
2	100% ISSUED FOR CONSTRUCTION	07/28/19/18/19	1
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4			1
5			1
6			1
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69			1
70			1
71			1
72			1
73			1
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75			1
76			1
77			1
78			1
79			1
80			1
81			1
82			1
83			1
84			1
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87			1
88			1
89			1
90			1
91			1
92			1
93			1
94			1
95			1
96			1
97			1
98			1
99			1
100			1

Sheet No. **S12**





LEGEND

EXISTING RIGHT OF WAY	---
CONSTRUCTION BASELINE	---
SHEET MATCHLINE	---
EXISTING EDGE OF PAVEMENT	---
EXISTING BRICK	[Pattern]
EXISTING BUILDING	[Pattern]
EXISTING CONCRETE	[Pattern]
EXISTING SHELL	[Pattern]
EXISTING TOE OF SLOPE	---
EXISTING TOP OF BANK	---
EXISTING SWALE LINE	---
EXISTING FENCE	---
EXISTING TELEPHONE LINE	ETEL ETET
EXISTING TELEVISION LINE	TV TV
EXISTING OVERHEAD LINE	OH OH
EXISTING SEWER FORCEMAIN	FM FM
EXISTING WATER MAIN	W W
APPROX. VEGETATION LINE	[Symbol]
EXISTING TREES	[Symbol]
EXISTING POWER POLE	[Symbol]
EXISTING LIGHT POLE	[Symbol]
PROPOSED CONCRETE DRIVE	[Pattern]
PROPOSED CONCRETE SIDEWALK	[Pattern]
PROPOSED ASPHALT PAVEMENT	[Pattern]
PROPOSED PAVEMENT REPLACEMENT	[Pattern]
PROPOSED SHELL DRIVE REGRADING	[Pattern]
PROPOSED TOP OF BANK	---
PROPOSED TOE OF BANK	---
PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
FIXTURE	[Symbol]
BASE POLE	[Symbol]

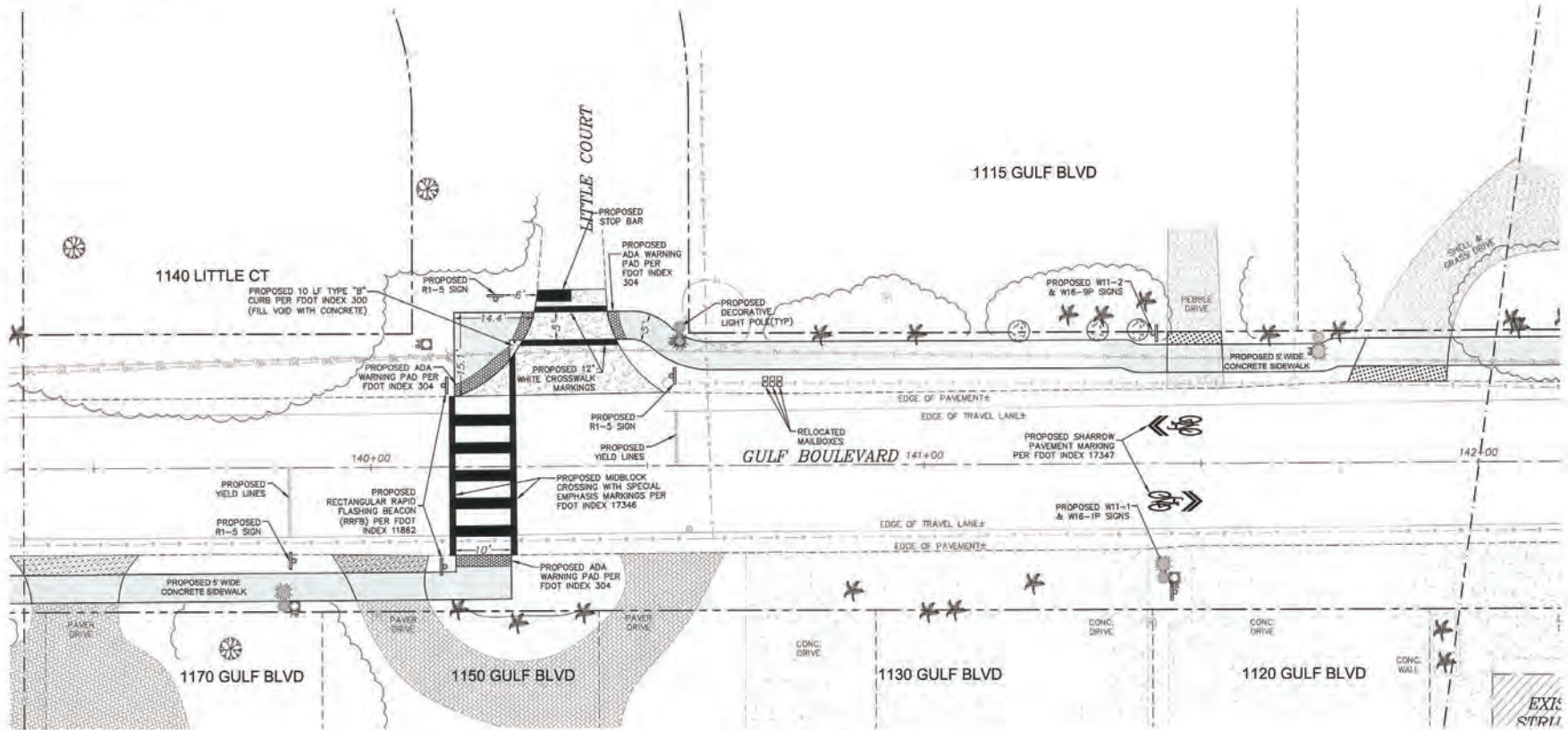
GULF BOULEVARD
STA. 136+62 TO STA. 139+37

Design:	BRW/JNB
Drawn:	JNB
Checked:	BRW
Approved:	MAG
Date Issued:	01/28/19

WEG
WILLIAMSON ENGINEERING GROUP
alliance in engineering
201 W. MARION AVE. SUITE 1308
PUNTA GORDA, FLORIDA 33960
941.505.1700
EG 86965

#	Description	Date:	By:
1	REVISED PER SWINARD COMMENTS 4-22-09/11/11/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100	01/28/2019	
2	100% ISSUED FOR CONSTRUCTION		
3			
4			
5			
6			
7			
8			
9			
10			





LEGEND

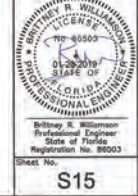
EXISTING RIGHT OF WAY	---	PROPOSED CONCRETE DRIVE	
CONSTRUCTION BASELINE	---	PROPOSED CONCRETE SIDEWALK	
SHEET MATCHLINE	---	PROPOSED ASPHALT PAVEMENT	
EXISTING EDGE OF PAVEMENT	---	PROPOSED PAVER BRICK REPLACEMENT	
EXISTING BRICK		PROPOSED SHELL DRIVE REGRADING	
EXISTING BUILDING		PROPOSED TOP OF BANK	---
EXISTING CONCRETE		PROPOSED TOE OF BANK	---
EXISTING SHELL		PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	
EXISTING TOE OF SLOPE	---	PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	
EXISTING TOP OF BANK	---		
EXISTING SWALE LINE	---		
EXISTING FENCE	---		
EXISTING TELEPHONE LINE	ETEL ETCL		
EXISTING TELEVISION LINE	TV TV		
EXISTING OVERHEAD LINE	OHL OHL		
EXISTING SEWER FORCEMAIN	FM FM		
EXISTING WATER MAIN	W W		
APPROX. VEGETATION LINE			
EXISTING TREES			
EXISTING POWER POLE			
EXISTING LIGHT POLE			

Scale:	1" = 10' @ 20' x 34"	1" = 20' @ 11' x 17"
Design:	JNS	
Drawn:	BRW	
Checked:	MUC	
Approved:		
Date Issued:	07/28/19	

W.C. Williams & Associates, Inc.
a division of engineering
201 W. MARION AVE. SUITE 1306
PUNTA GORDA, FLORIDA 33980
941.505.1700
E9.86955

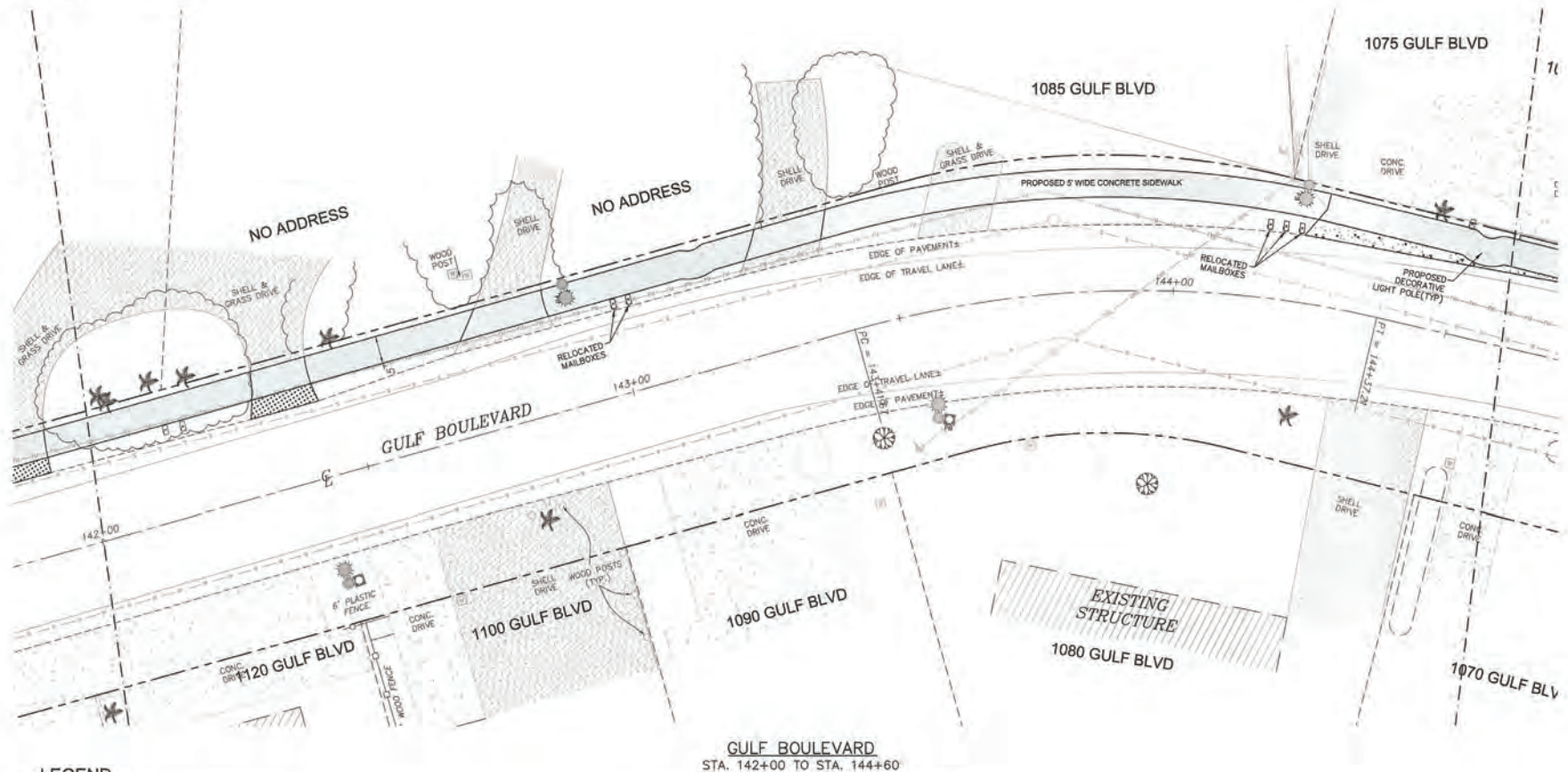
SITE PLAN
STA. 139+37 TO STA. 142+00
GULF BLVD IMPROVEMENTS

By:	W.C. Williams & Associates, Inc.
Date:	07/28/19
Description:	CONSTRUCTION
Project No.:	1000-55500-001
Sheet No.:	1 of 1



Sheet No. **S15**

UTDR: 04/01/2019 11:07:00 AM, C:\Users\jwilliams\OneDrive\Documents\Projects\144+00 to 144+60\144+00 to 144+60.dwg, DWG, 2019, 11/28/19, 11:07:00 AM



LEGEND

EXISTING RIGHT OF WAY
CONSTRUCTION BASELINE
SHEET MATCHLINE
EXISTING EDGE OF PAVEMENT
EXISTING BRICK
EXISTING BUILDING
EXISTING CONCRETE
EXISTING SHELL
EXISTING TOE OF SLOPE
EXISTING TOP OF BANK
EXISTING SWALE LINE

EXISTING FENCE
EXISTING TELEPHONE LINE
EXISTING TELEVISION LINE
EXISTING OVERHEAD LINE
EXISTING SEWER FORCED MAIN
EXISTING WATER MAIN
APPROX. VEGETATION LINE
EXISTING TREES
EXISTING POWER POLE
EXISTING LIGHT POLE

PROPOSED CONCRETE DRIVE
PROPOSED CONCRETE SIDEWALK
PROPOSED ASPHALT PAVEMENT
PROPOSED PAVER BRICK REPLACEMENT
PROPOSED SHELL DRIVE REGRADING
PROPOSED TOP OF BANK
PROPOSED TOE OF BANK
PROPOSED DECORATIVE LIGHTING
(SEE SEPARATE LIGHTING PLANS FOR DETAILS)
PROPOSED PULL BOX
(SEE SEPARATE LIGHTING PLANS FOR DETAILS)



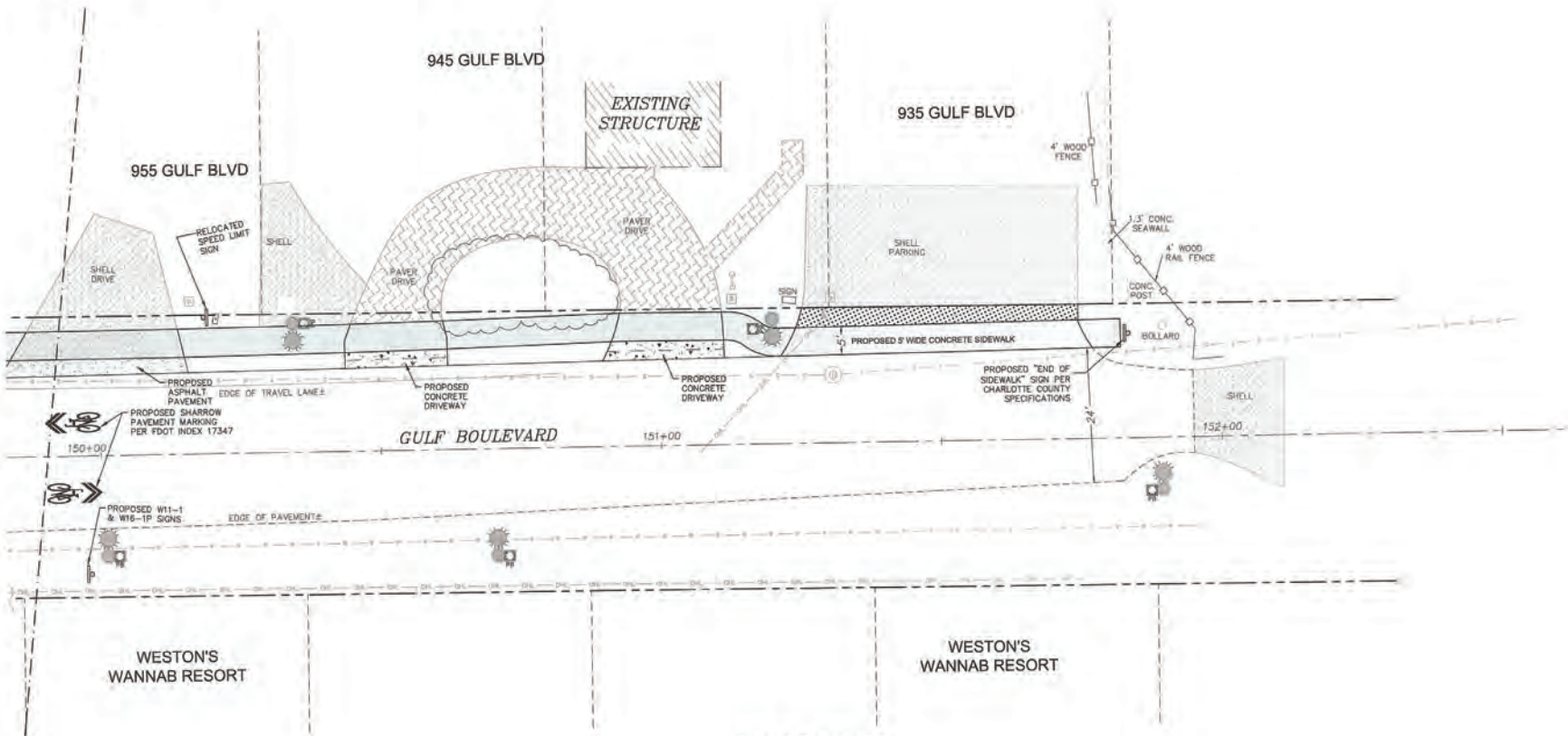
Design: BRW/JAB
Drawn: JRE
Checked: BRW
Approved: MLC
Date Issued: 01/28/19
Scale: 1"=10' @ 22x34
1"=20' @ 11x17
Job No: 14089.002 (130)
14089.002 (130)
941.505.1700
18.0000

SITE PLAN
STA: 142+00 TO STA: 144+60
GULF BLVD IMPROVEMENTS

Date: 01/28/19
Description: 1. IMPROVE THE SWALE CONDITIONS
2. LOOK FOR POSSIBLE FOR CONSTRUCTION
3. 144+00 TO 144+60
4. 144+00 TO 144+60
5. 144+00 TO 144+60
6. 144+00 TO 144+60
7. 144+00 TO 144+60
8. 144+00 TO 144+60
9. 144+00 TO 144+60
10. 144+00 TO 144+60



Sheet No. **S16**



LEGEND

EXISTING RIGHT OF WAY	---
CONSTRUCTION BASELINE	---
SHEET MATCHLINE	---
EXISTING EDGE OF PAVEMENT	---
EXISTING BRICK	[Pattern]
EXISTING BUILDING	[Pattern]
EXISTING CONCRETE	[Pattern]
EXISTING SHELL	[Pattern]
EXISTING TOE OF SLOPE	---
EXISTING TOP OF BANK	---
EXISTING SWALE LINE	---

EXISTING FENCE	---
EXISTING TELEPHONE LINE	---
EXISTING TELEVISION LINE	---
EXISTING OVERHEAD LINE	---
EXISTING SEWER FORCEMAIN	---
EXISTING WATER MAIN	---
APPROX. VEGETATION LINE	---
EXISTING TREES	[Symbol]
EXISTING POWER POLE	[Symbol]
EXISTING LIGHT POLE	[Symbol]

PROPOSED CONCRETE DRIVE	[Pattern]
PROPOSED CONCRETE SIDEWALK	[Pattern]
PROPOSED ASPHALT PAVEMENT	[Pattern]
PROPOSED PAVER BRICK REPLACEMENT	[Pattern]
PROPOSED SHELL DRIVE REGRADING	[Pattern]
PROPOSED TOP OF BANK	---
PROPOSED TOE OF BANK	---
PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]

EXISTING FENCE	[Symbol]
EXISTING TELEPHONE LINE	[Symbol]
EXISTING TELEVISION LINE	[Symbol]
EXISTING OVERHEAD LINE	[Symbol]
EXISTING SEWER FORCEMAIN	[Symbol]
EXISTING WATER MAIN	[Symbol]
APPROX. VEGETATION LINE	[Symbol]
EXISTING TREES	[Symbol]
EXISTING POWER POLE	[Symbol]
EXISTING LIGHT POLE	[Symbol]

GULF BOULEVARD STA. 149+91 TO STA. 151+95

Design:	BRW/JAB
Drawn:	JAB
Checked:	BRW
Approved:	MAC
Date Issued:	01/28/19

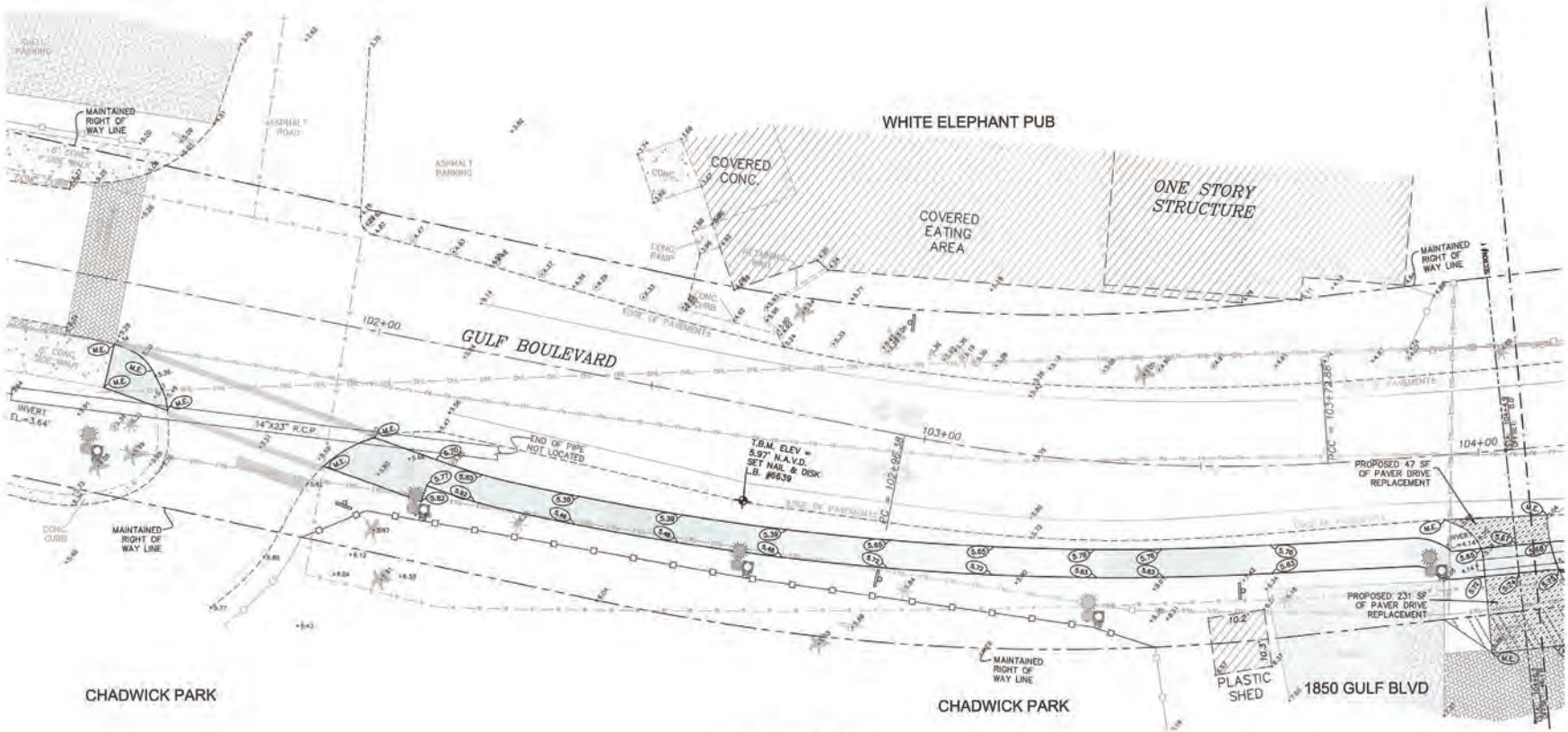
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Job No:	14086.002 (130)
Job Name:	201 W. MARION AVE. SUITE 100 PUNTA GORDA, FLORIDA 33950
Job Address:	941.505.1700

WILLIAMSON ENGINEERING	WILLIAMSON ENGINEERING
201 W. MARION AVE. SUITE 100 PUNTA GORDA, FLORIDA 33950 941.505.1700	201 W. MARION AVE. SUITE 100 PUNTA GORDA, FLORIDA 33950 941.505.1700

SITE PLAN	STA. 149+91 TO STA. 151+95
GULF BLVD IMPROVEMENTS	

By:	
Date:	
Description:	
1	PROPOSED PAV. IMPROVEMENTS
2	PROPOSED PAV. IMPROVEMENTS

WILLIAMSON ENGINEERING
LICENSE
No. 66503
JAN 2019
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Griffey R. Williamson
Professional Engineer
State of Florida
Registration No. 66503
Sheet No. S19



LEGEND

EXISTING RIGHT OF WAY	---
CONSTRUCTION BASELINE	---
SHEET MATCHLINE	---
EXISTING EDGE OF PAVEMENT	---
EXISTING BRICK	[Pattern]
EXISTING BUILDING	[Pattern]
EXISTING CONCRETE	[Pattern]
EXISTING SHELL	[Pattern]
EXISTING TOE OF SLOPE	---
EXISTING TOP OF BANK	---
EXISTING SWALE LINE	---

EXISTING SPOT ELEVATION	+8.34
EXISTING FENCE	---
EXISTING TELEPHONE LINE	ETL --- ETL
EXISTING TELEVISION LINE	TV --- TV
EXISTING OVERHEAD LINE	OHL --- OHL
EXISTING SEWER FORCEMAIN	FM --- FM
EXISTING WATER MAIN	W --- W
APPROX. VEGETATION LINE	[Symbol]
EXISTING TREES	[Symbol]
EXISTING POWER POLE	[Symbol]
EXISTING LIGHT POLE	[Symbol]

PROPOSED CONCRETE DRIVE	[Pattern]
PROPOSED CONCRETE SIDEWALK	[Pattern]
PROPOSED ASPHALT PAVEMENT	[Pattern]
PROPOSED PAVER BRICK REPLACEMENT	[Pattern]
PROPOSED SHELL DRIVE REGRADING	[Pattern]
PROPOSED TOP OF BANK	---
PROPOSED TOE OF BANK	---
PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
PROPOSED ELEVATION (M.E. = MATCH EXISTING)	[Symbol]
CROSS SECTION LINE	---

EXISTING DRAINAGE STRUCTURE I.D. (SEE SHEET 3 FOR SCHEDULE)

7

Design: BRW/JNB
 Drawn: JNB
 Scale: 1" = 10' @ 24" x 36"
 1" = 30' @ 11" x 17"
 Job No: 14089.002 (130)
 Date Issued: 01/28/19

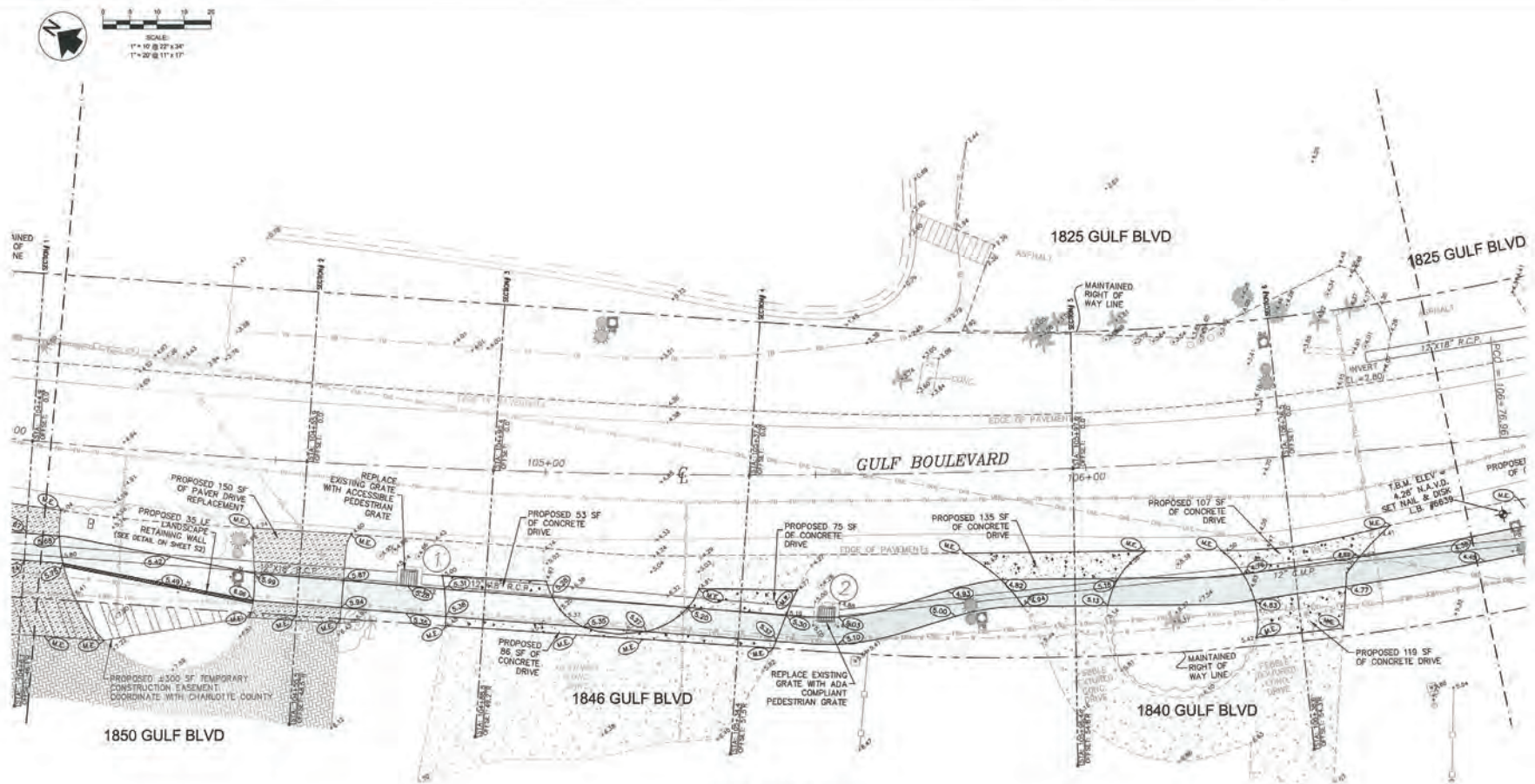
WE alliance in engineering
 201 N. MAISON AVE SUITE 1306
 PUNTA GORDA, FLORIDA 33950
 888.666.6666
 841.505.1700

DRAINAGE PLAN
 STA: 101+20 TO STA: 104+08
 GULF BLVD IMPROVEMENTS

Description	Date	By
1. PROPOSED PAV. REGRADING	01/28/19	BRW
2. PAV. BRICK REPLACEMENT	01/28/19	BRW



Sheet No. D1



GULF BOULEVARD
STA. 104+08 TO STA. 106+68

LEGEND

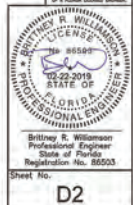
EXISTING RIGHT OF WAY		EXISTING SPOT ELEVATION		PROPOSED CONCRETE DRIVE		EXISTING DRAINAGE STRUCTURE I.D. (SEE SHEET 3 FOR SCHEDULE)
CONSTRUCTION BASELINE		EXISTING FENCE		PROPOSED CONCRETE SIDEWALK		
SHEET MATCHLINE		EXISTING TELEPHONE LINE		PROPOSED ASPHALT PAVEMENT		
EXISTING EDGE OF PAVEMENT		EXISTING TELEVISION LINE		PROPOSED PAVER BRICK REPLACEMENT		
EXISTING BRICK		EXISTING OVERHEAD LINE		PROPOSED SHELL DRIVE REGRADING		
EXISTING BUILDING		EXISTING SEWER FORCEMAIN		PROPOSED TOP OF BANK		
EXISTING CONCRETE		EXISTING WATER MAIN		PROPOSED TOE OF BANK		
EXISTING SHELL		APPROX. VEGETATION LINE		PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)		
EXISTING TOE OF SLOPE		EXISTING TREES		PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)		
EXISTING TOP OF BANK		EXISTING POWER POLE		PROPOSED ELEVATION (M.E. = MATCH EXISTING)		
EXISTING SWALE LINE		EXISTING LIGHT POLE		CROSS SECTION LINE		

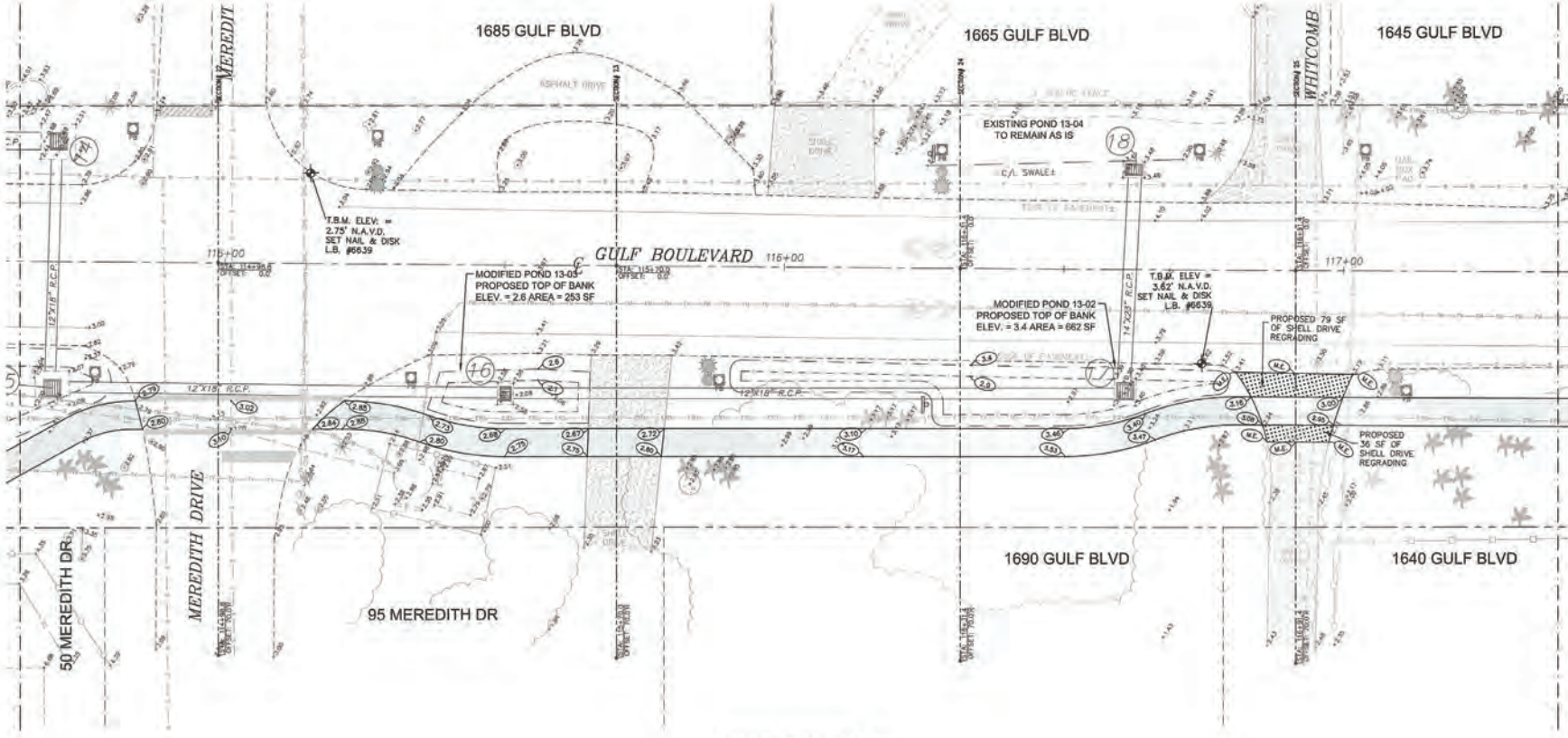


WES WELLS ENGINEERING CORPORATION excellence in engineering		Design: BROW/J&B Grant: J&B Checked: BROW Approved: MAG Date Issd: 02/22/19
Scale: 1"=10' 1"=20'		Job No: 14089.002 (130)
201 W. MARION AVE., SUITE 1308 PUNTA GORDA, FLORIDA 33950 941.556.1700		EID #0696

DRAINAGE PLAN
STA: 104+08 TO STA: 106+68
GULF BLVD IMPROVEMENTS

#	Description	Date:	By:
1	REVISED PER SWRWD COMMENTS 6-22-19	09/17/19	INH
2	100% ISSUED FOR CONSTRUCTION	01/28/19	INH
3	REVISED PER LOOSE COUNTY COMMENTS	02/22/19	INH
4			
5			
6			





LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+3.34	PROPOSED CONCRETE DRIVE		EXISTING DRAINAGE STRUCTURE I.D.	1
CONSTRUCTION BASELINE	---	EXISTING FENCE	---	PROPOSED CONCRETE SIDEWALK		(SEE SHEET 3 FOR SCHEDULE)	
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	---E1E1---	PROPOSED ASPHALT PAVEMENT			
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	---TV---TV---	PROPOSED PAVER BRICK REPLACEMENT			
EXISTING BRICK		EXISTING OVERHEAD LINE	---OHL---OHL---	PROPOSED SHELL DRIVE REGRADED			
EXISTING BUILDING		EXISTING SEWER FORCEMAIN	---FM---FM---	PROPOSED TOP OF BANK	---		
EXISTING CONCRETE		EXISTING WATER MAIN	---W---W---	PROPOSED TOE OF BANK	---		
EXISTING SHELL		APPROX. VEGETATION LINE		PROPOSED DECORATIVE LIGHTING			
EXISTING TOE OF SLOPE	---	EXISTING TREES		(SEE SEPARATE LIGHTING PLANS FOR DETAILS)			
EXISTING TOP OF BANK	---	EXISTING POWER POLE		PROPOSED PULL BOX			
EXISTING SWALE LINE	---	EXISTING LIGHT POLE		(SEE SEPARATE LIGHTING PLANS FOR DETAILS)			
				PROPOSED ELEVATION	(M.E. = MATCH EXISTING)		
				CROSS SECTION LINE	---		

GULF BOULEVARD STA. 114+63 TO STA. 117+38

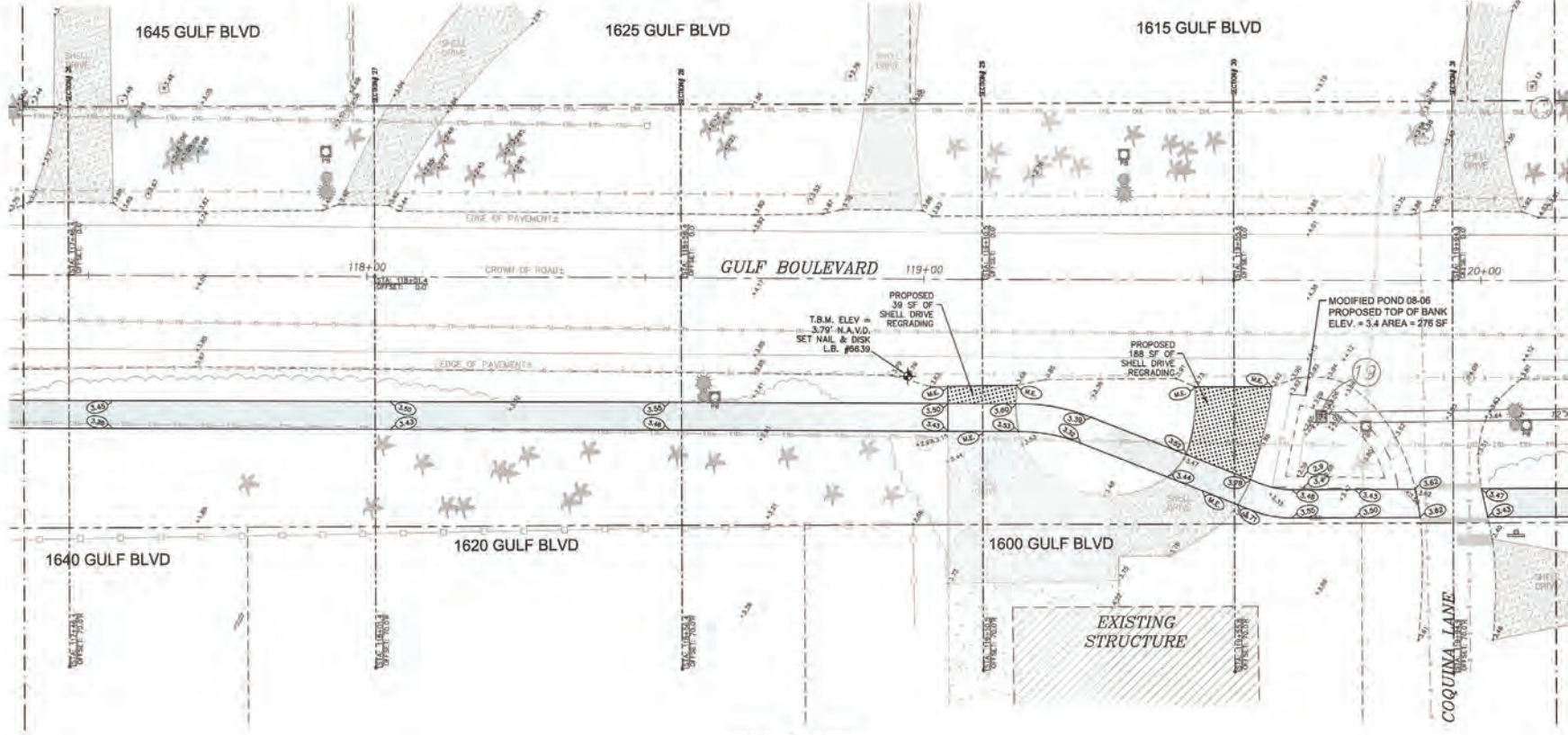
Design:	BRW/JNB
Drawn:	JNB
Checked:	BRW
Approved:	MAG
Job No.:	14089.002 (130)
Date Issued:	01/28/19

WILLIAMSON ENGINEERING
101 W. MARION AVE. SUITE 1300
PANTA GORDA, FLORIDA 33603
941.505.1700

DRAINAGE PLAN STA. 114+63 TO STA. 117+38 GULF BLVD IMPROVEMENTS

Description	By	Date
DESIGN	BRW	01/28/19
DRAWING	JNB	01/28/19
CHECKING	BRW	01/28/19
APPROVAL	MAG	01/28/19





GULF BOULEVARD
STA. 117+38 TO STA. 120+13

LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+8.34	PROPOSED CONCRETE DRIVE	
CONSTRUCTION BASELINE	---	EXISTING FENCE		PROPOSED CONCRETE SIDEWALK	
SHEET MATCHLINE	- - -	EXISTING TELEPHONE LINE	ETEL - ETEL	PROPOSED ASPHALT PAVEMENT	
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	TV - TV	PROPOSED PAVER BRICK REPLACEMENT	
EXISTING BRICK		EXISTING OVERHEAD LINE	OHL - OHL	PROPOSED SHELL DRIVE REGRADING	
EXISTING BUILDING		EXISTING SEWER FORCEMAIN	FM - FM	PROPOSED TOP OF BANK	---
EXISTING CONCRETE		EXISTING WATER MAIN	W - W	PROPOSED TOE OF BANK	---
EXISTING SHELL		APPROX. VEGETATION LINE		PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	
EXISTING TOE OF SLOPE	---	EXISTING TREES		PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	
EXISTING TOP OF BANK	---	EXISTING POWER POLE		PROPOSED ELEVATION (M.E. = MATCH EXISTING)	
EXISTING SWALE LINE	---	EXISTING LIGHT POLE		CROSS SECTION LINE	---

EXISTING DRAINAGE STRUCTURE I.D.
(SEE SHEET 3 FOR SCHEDULE)

1

Design:	BRW/JAB
Drawn:	JAB
Checked:	BRW
Approved:	NJC
Date Issued:	01/26/19

Scale:	1" = 10' @ 22x34
Sheet:	1" = 20' @ 11x17
Job No.:	1-039.002 (130)
Date:	01/26/19

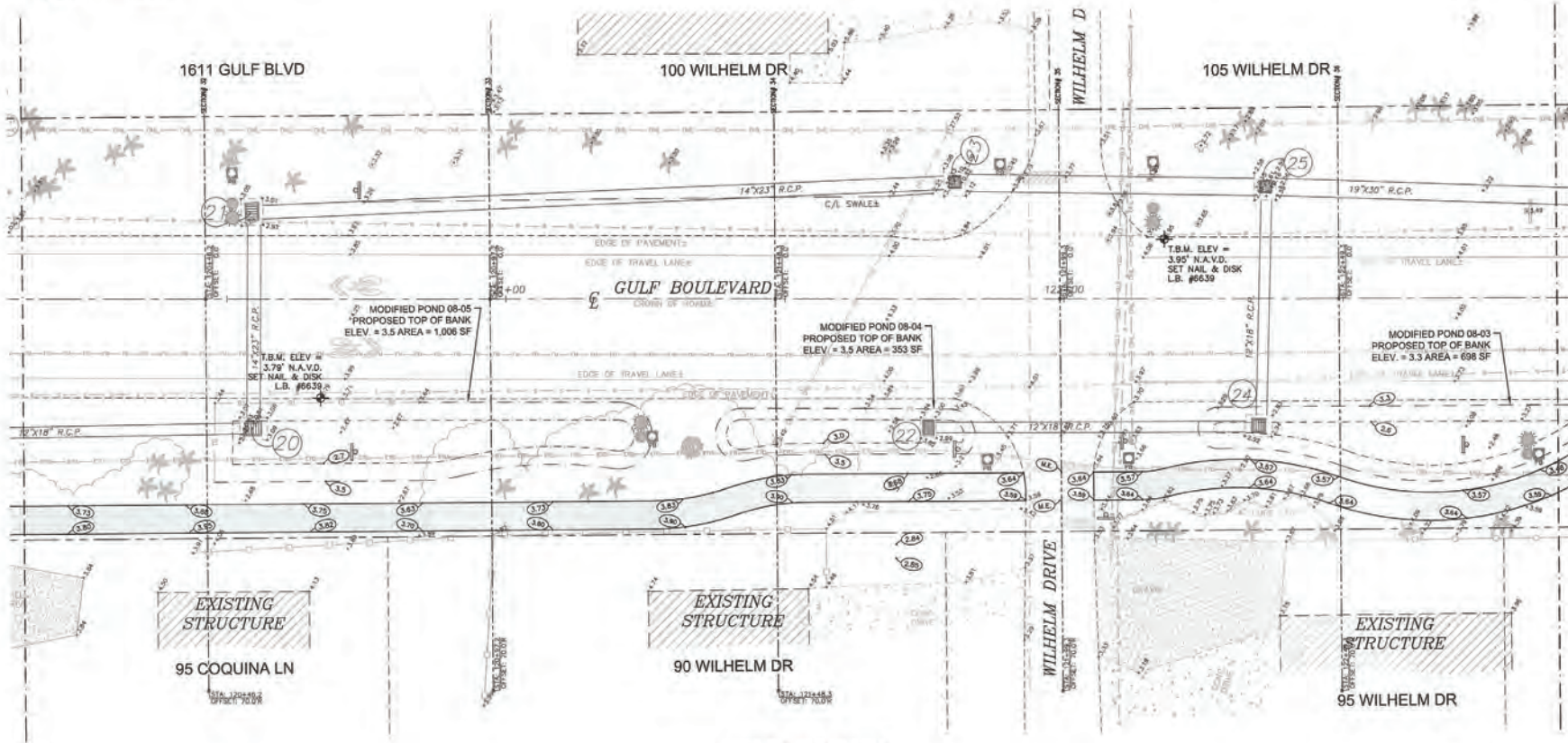
WEC
201 W. MARION AVE. SUITE 1300
PUNTA GORDA, FLORIDA 33950
941.505.1700

DRAINAGE PLAN
STA. 117+38 TO STA. 120+13
GULF BLVD IMPROVEMENTS

#	Description	Date	By
1	REVISION: SEE SHEET 3 FOR SCHEDULE	01/26/19	JAB
2	100% DESIGN FOR CONSTRUCTION	01/26/19	JAB



Sheet No. **D7**



LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+5.50
CONSTRUCTION BASELINE	---	EXISTING FENCE	---
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	---
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	---
EXISTING BRICK	---	EXISTING OVERHEAD LINE	---
EXISTING BUILDING	---	EXISTING SEWER FORCMAIN	---
EXISTING CONCRETE	---	EXISTING WATER MAIN	---
EXISTING SHELL	---	APPROX. VEGETATION LINE	---
EXISTING TOE OF SLOPE	---	EXISTING TREES	---
EXISTING TOP OF BANK	---	EXISTING POWER POLE	---
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	---
		PROPOSED CONCRETE DRIVE	---
		PROPOSED CONCRETE SIDEWALK	---
		PROPOSED ASPHALT PAVEMENT	---
		PROPOSED PAVER BRICK REPLACEMENT	---
		PROPOSED SHELL DRIVE REGRADING	---
		PROPOSED TOP OF BANK	---
		PROPOSED TOE OF BANK	---
		PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	---
		PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	---
		PROPOSED ELEVATION (M.E. = MATCH EXISTING)	---
		CROSS SECTION LINE	---

EXISTING DRAINAGE STRUCTURE I.D.
(SEE SHEET 3 FOR SCHEDULE)

7

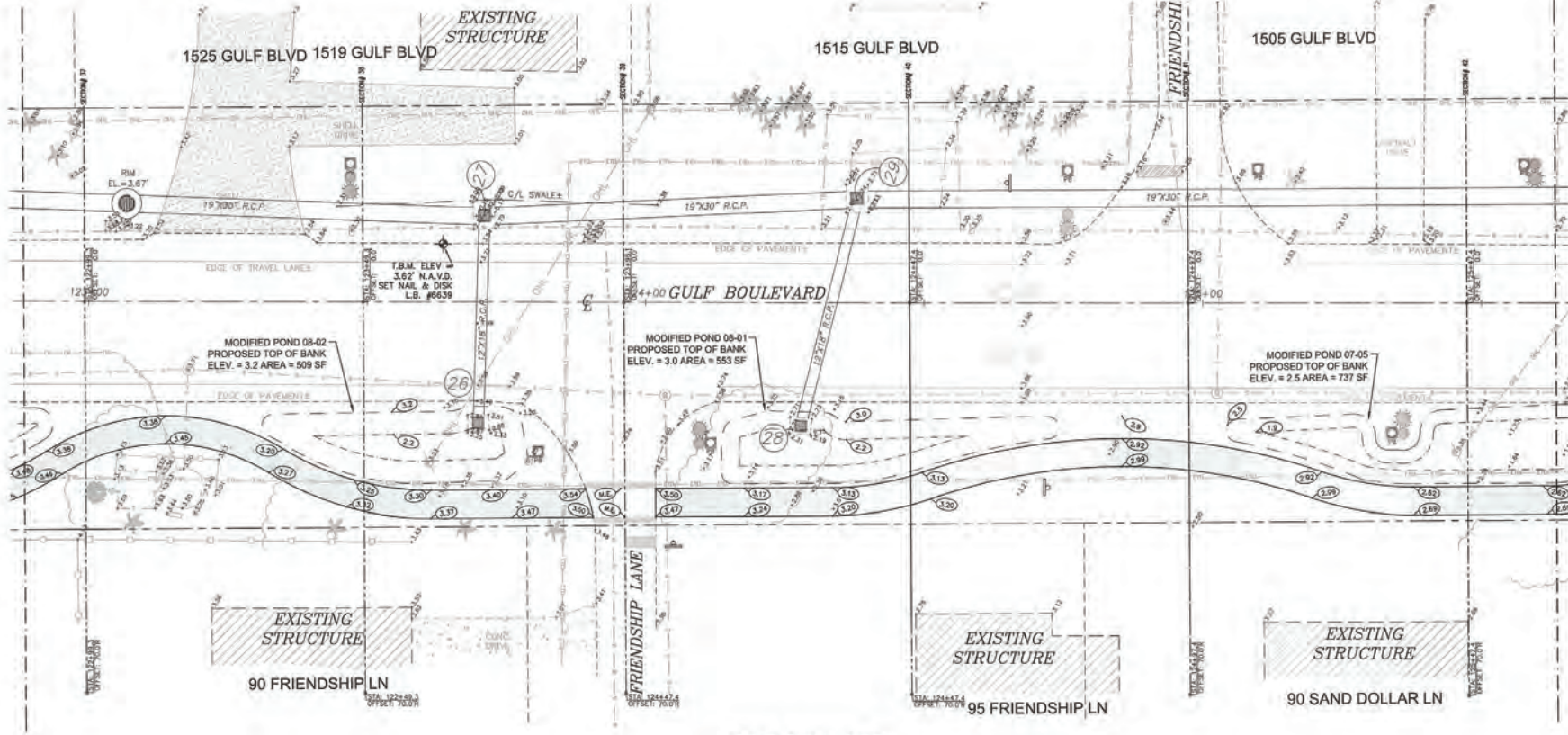
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Checked:	22-34
Approved:	11-17
Job No:	14099.002 (130)
Date Issued:	01/29/19

WE **affinity in engineering**
201 W. MARION AVE. SUITE 1306
PUNTA GORDA, FLORIDA 33906
941.505.1700

DRAINAGE PLAN
STA: 120+13 TO STA: 122+88
GULF BLVD IMPROVEMENTS

Date:	01/29/19
By:	BRW/JNB
Description:	NOV 2018 TOE IMPROVEMENTS FOR SHEET 3 FOR CONSTRUCTION

Professional Engineer
State of Florida
Registration No. 86503
Sheet No. **D8**



LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+3.34	PROPOSED CONCRETE DRIVE		EXISTING DRAINAGE STRUCTURE I.D.	(SEE SHEET 3 FOR SCHEDULE)
CONSTRUCTION BASELINE	---	EXISTING FENCE		PROPOSED CONCRETE SIDEWALK			
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	ETEL	PROPOSED ASPHALT PAVEMENT			
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	TV	PROPOSED PAYER BRICK REPLACEMENT			
EXISTING BRICK		EXISTING OVERHEAD LINE	OHL	PROPOSED SHELL DRIVE REGRADING			
EXISTING BUILDING		EXISTING SEWER FORCEMAIN	FW	PROPOSED TOP OF BANK	---		
EXISTING CONCRETE		EXISTING WATER MAIN	WM	PROPOSED TOE OF BANK	---		
EXISTING SHELL		APPROX. VEGETATION LINE		PROPOSED DECORATIVE LIGHTING			
EXISTING TOE OF SLOPE	---	EXISTING TREES		(SEE SEPARATE LIGHTING PLANS FOR DETAILS)			
EXISTING TOP OF BANK	---	EXISTING POWER POLE		PROPOSED PULL BOX			
EXISTING SWALE LINE	---	EXISTING LIGHT POLE		(SEE SEPARATE LIGHTING PLANS FOR DETAILS)			
				PROPOSED ELEVATION	(M.E. = MATCH EXISTING)		
				CROSS SECTION LINE	---		

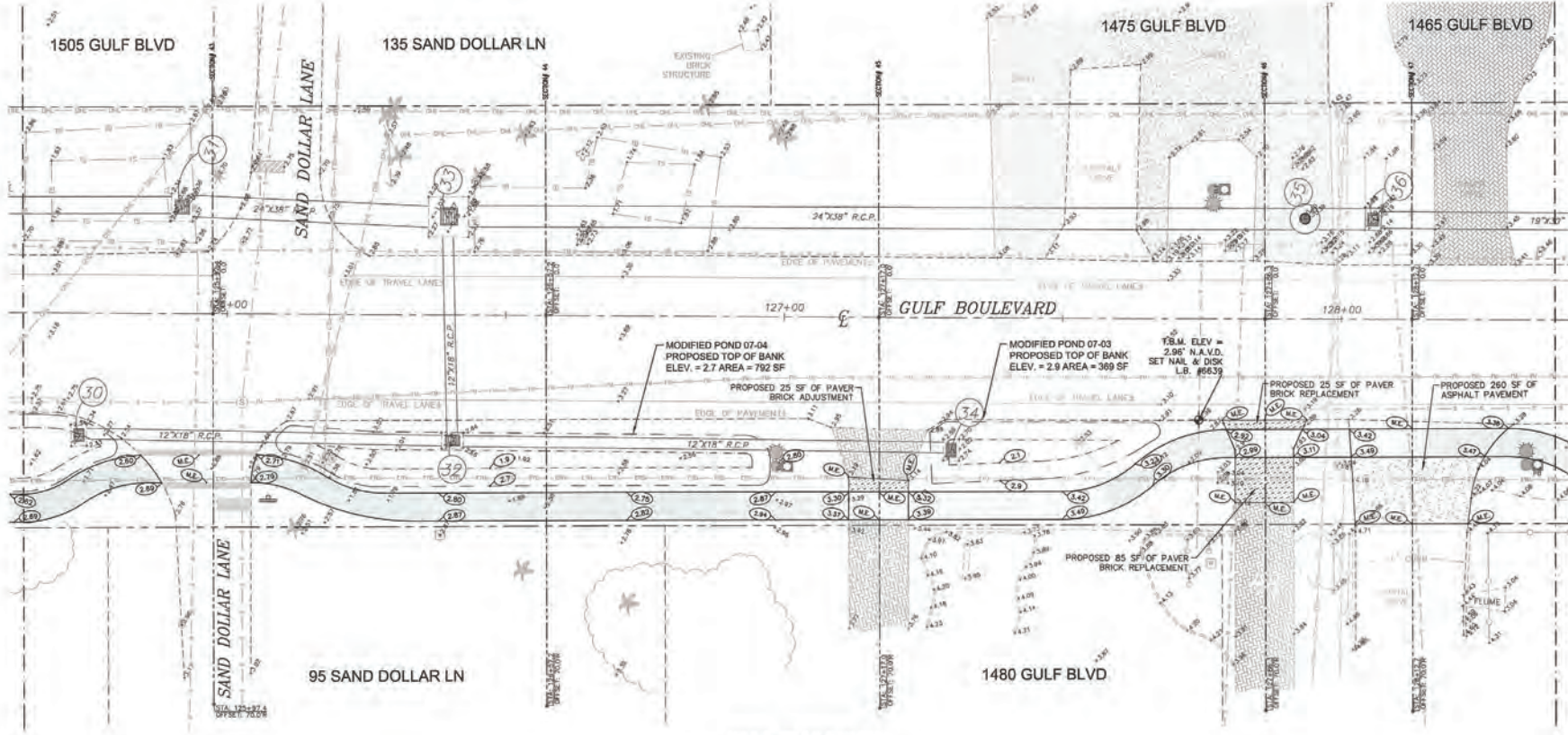
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Drawn:	JND
Checked:	BRW
Approved:	MCO
Date:	01/26/19

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1"=20' @ 11'x17"	
Job No:	14089.002 (1.30)
Job Name:	201 W. MARION AVE. SUITE 1306
Job Address:	PUNTA GORDA, FLORIDA 33950
Job Phone:	941.505.1700
Job Email:	BRW@BRW.COM

DRAINAGE PLAN
STA: 122+88 TO STA: 125+63
GULF BLVD IMPROVEMENTS

Date:	01/26/19
By:	JND
Check:	BRW
Appr:	MCO
Scale:	1"=10' @ 22'x34"
1"=20' @ 11'x17"	

Professional Engineer
 State of Florida
 Registration No. 96503
 Sheet No. **D9**



LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+8.30
CONSTRUCTION BASELINE	---	EXISTING FENCE	--- --- ---
SHEET MATCHLINE	- - - - -	EXISTING TELEPHONE LINE	---TEL---TEL---
EXISTING EDGE OF PAVEMENT	- - - - -	EXISTING TELEVISION LINE	---TV---TV---
EXISTING BRICK	[Pattern]	EXISTING OVERHEAD LINE	---OHL---OHL---
EXISTING BUILDING	[Pattern]	EXISTING SEWER FORCEMAIN	---FM---FM---
EXISTING CONCRETE	[Pattern]	EXISTING WATER MAIN	---W---W---
EXISTING SHELL	[Pattern]	APPROX. VEGETATION LINE	~~~~~
EXISTING TOE OF SLOPE	--- --- ---	EXISTING TREES	[Tree Symbols]
EXISTING TOP OF BANK	--- --- ---	EXISTING POWER POLE	[Pole Symbol]
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	[Pole Symbol]
		PROPOSED CONCRETE DRIVE	[Pattern]
		PROPOSED CONCRETE SIDEWALK	[Pattern]
		PROPOSED ASPHALT PAVEMENT	[Pattern]
		PROPOSED PAVEMENT BRICK REPLACEMENT	[Pattern]
		PROPOSED SHELL DRIVE REGRADE	[Pattern]
		PROPOSED TOP OF BANK	---
		PROPOSED TOE OF BANK	---
		PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Lighting Symbols]
		PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Box Symbol]
		PROPOSED ELEVATION (M.E. = MATCH EXISTING)	[Symbol]
		CROSS SECTION LINE	---

EXISTING DRAINAGE STRUCTURE I.D.
(SEE SHEET 3 FOR SCHEDULE)

1

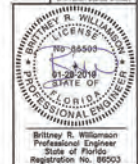
GULF BOULEVARD
STA. 125+63 TO STA. 128+38

Design:	BRW/JMB
Drawn:	JMB
Checked:	BRW
Approved:	MAC
Date Issued:	01/28/19

Scale: 1" = 10' @ 22x34
1" = 20' @ 11x17
Job No: 14-089-002 (130)
14-089-002 (130)
941.505.1700
B54665

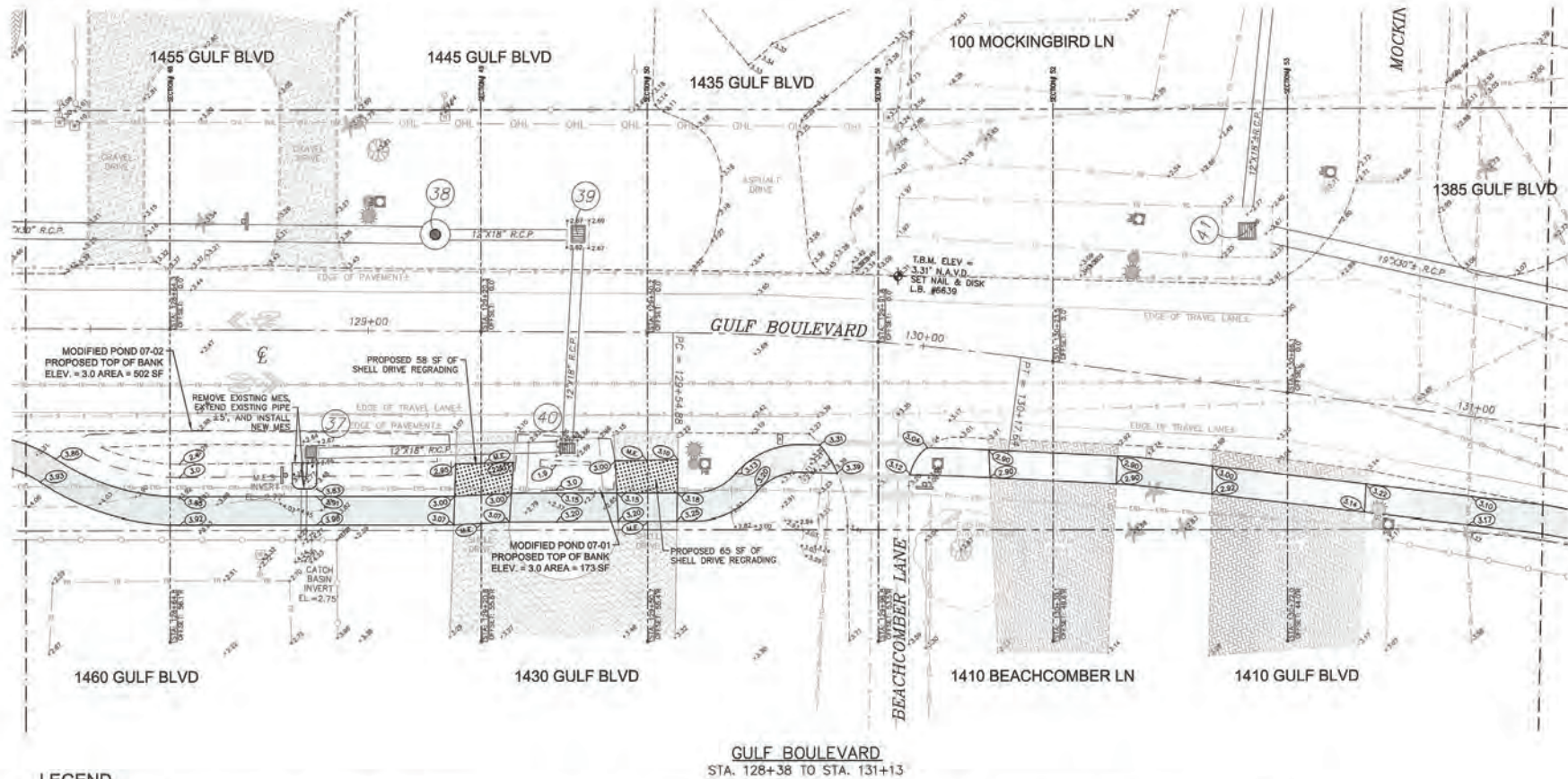
WEC
WILLIAMSON ENGINEERING CONSULTANTS
201 W. MARION AVE. SUITE 1306
PUNTA GORDA, FLORIDA 33960

By:	
Date:	
Description:	
1	REVIEW FOR
2	REVIEW FOR
3	REVIEW FOR
4	REVIEW FOR
5	REVIEW FOR
6	REVIEW FOR
7	REVIEW FOR
8	REVIEW FOR
9	REVIEW FOR
10	REVIEW FOR



Sheet No. **D10**

USDT: addendum: PLOTTED: THE: 011: LAKESIDE: OF: C:\Users\jacobson\OneDrive\Documents\225451\14089.002: Addendum: GULF Blvd: 03: 2018-07-26: 10:00:00: 01/28/19: 8:30:00



LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+3.34	PROPOSED CONCRETE DRIVE	[Pattern]
CONSTRUCTION BASELINE	---	EXISTING FENCE	[Symbol]	PROPOSED CONCRETE SIDEWALK	[Pattern]
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	TEL TEL	PROPOSED ASPHALT PAVEMENT	[Pattern]
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	TV TV	PROPOSED PAVER BRICK REPLACEMENT	[Pattern]
EXISTING BRICK	[Pattern]	EXISTING OVERHEAD LINE	OHL OHL	PROPOSED SHELL DRIVE REGRADE	[Pattern]
EXISTING BUILDING	[Pattern]	EXISTING SEWER FORCEMAIN	FM FM	PROPOSED TOP OF BANK	---
EXISTING CONCRETE	[Pattern]	EXISTING WATER MAIN	W W	PROPOSED TOE OF BANK	---
EXISTING SLOPE	[Pattern]	APPROX. VEGETATION LINE	[Symbol]	PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
EXISTING TOE OF SLOPE	---	EXISTING TREES	[Symbol]	PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
EXISTING TOP OF BANK	---	EXISTING POWER POLE	[Symbol]	PROPOSED ELEVATION (M.E. = MATCH EXISTING)	[Symbol]
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	[Symbol]	CROSS SECTION LINE	---

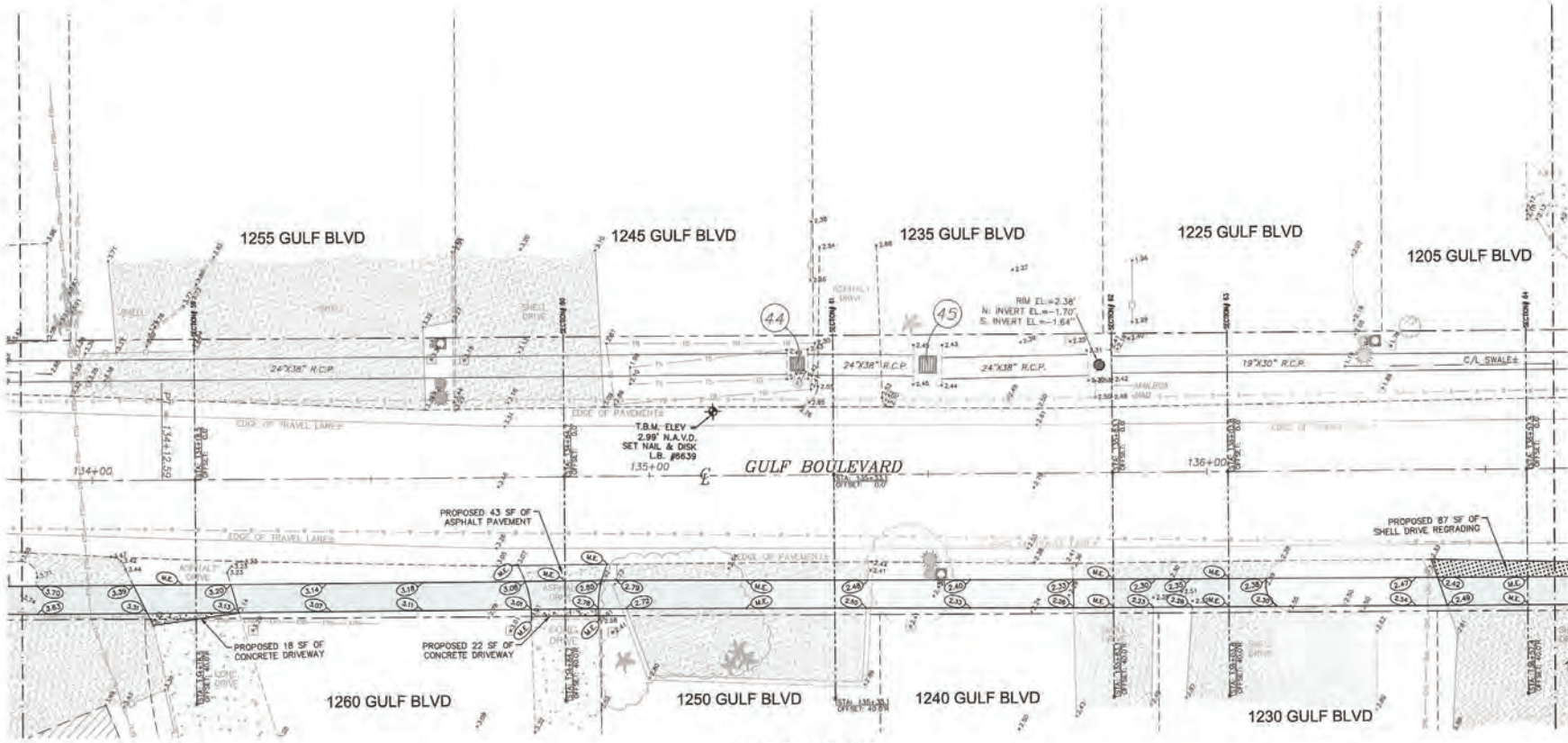
EXISTING DRAINAGE STRUCTURE I.D.
(SEE SHEET 3 FOR SCHEDULE)

1



DRAINAGE PLAN
STA: 128+38 TO STA: 131+13
GULF BLVD IMPROVEMENTS

WELLS CONSULTING ENGINEERS
201 W. MARION AVE. SUITE 1300
PUNTA GORDA, FLORIDA 33990
941.505.1700
14-089.002 (130)
01/28/19



LEGEND

EXISTING RIGHT OF WAY	—	EXISTING SPOT ELEVATION	—+—	PROPOSED CONCRETE DRIVE		EXISTING DRAINAGE STRUCTURE I.D.	
CONSTRUCTION BASELINE	—+—	EXISTING FENCE	—X—X—	PROPOSED CONCRETE SIDEWALK		(SEE SHEET 3 FOR SCHEDULE)	
SHEET MATCHLINE	- - -	EXISTING TELEPHONE LINE	—E TEL—E TEL—	PROPOSED ASPHALT PAVEMENT			
EXISTING EDGE OF PAVEMENT	—E TEL—E TEL—	EXISTING TELEVISION LINE	—TV—TV—	PROPOSED PAVER BRICK REPLACEMENT			
EXISTING BRICK		EXISTING OVERHEAD LINE	—OHL—OHL—	PROPOSED SHELL DRIVE REGRADE			
EXISTING BUILDING		EXISTING SEWER FORCEMAIN	—FM—FM—	PROPOSED TOP OF BANK	—		
EXISTING CONCRETE		EXISTING WATER MAIN	—W—W—	PROPOSED TOE OF BANK	—		
EXISTING SHELL		APPROX. VEGETATION LINE	—	PROPOSED DECORATIVE LIGHTING			
EXISTING TOE OF SLOPE	—	EXISTING TREES		PROPOSED PULL BOX			
EXISTING TOP OF BANK	—	EXISTING POWER POLE		SEE SEPARATE LIGHTING PLANS FOR DETAILS			
EXISTING SWALE LINE	—	EXISTING LIGHT POLE		PROPOSED ELEVATION	(M.E. = MATCH EXISTING)		
				CROSS SECTION LINE	—		

Scale:	1"=10' @ 22'x34"
Drawn:	22-14
Checked:	11-17
Job No:	14-059.002 (130)
Approved:	14-059.002 (130)
Sheet:	01/26/19

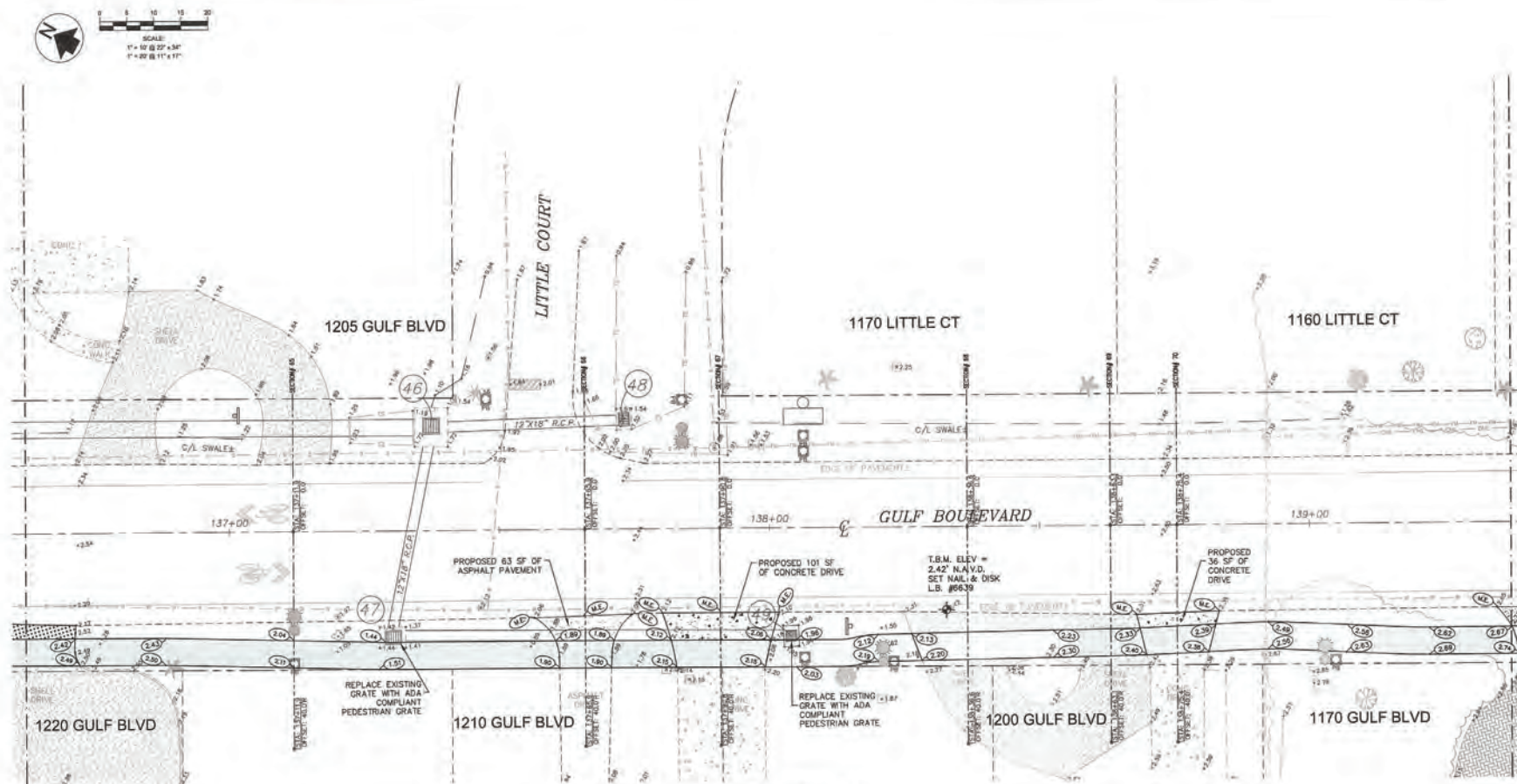
WEG
WILLIAMS ENGINEERING GROUP
201 W. MARION AVE. SUITE 1300
PUNTA GORDA, FLORIDA 33950
941.505.1700

DRAINAGE PLAN
STA. 133+87 TO STA. 136+62
GULF BLVD IMPROVEMENTS

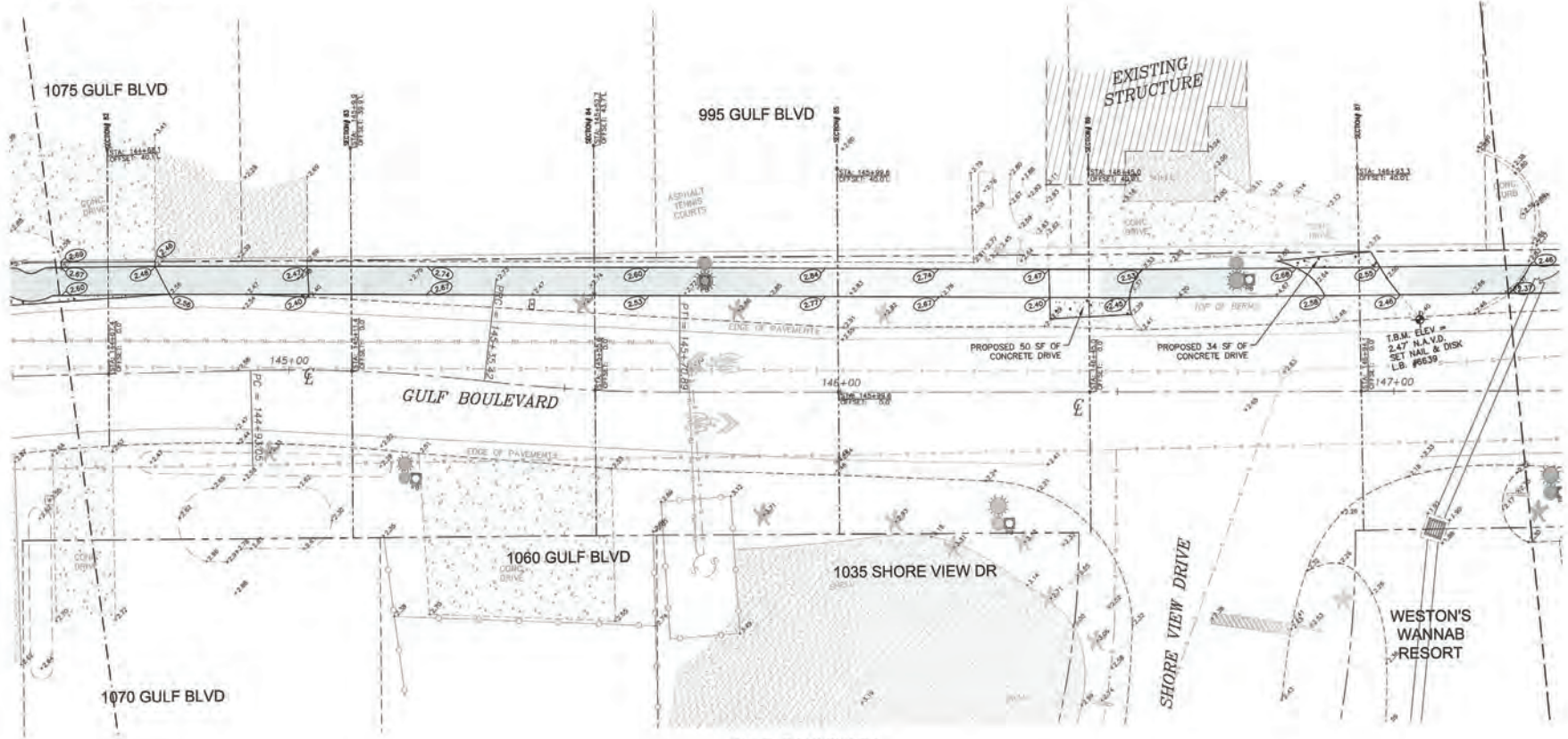
Date:	By:
10/22/18	WEG
11/16/18	WEG
12/11/18	WEG
01/26/19	WEG

Professional Engineer
State of Florida
Registration No. 85503

Sheet No. **D13**



DRAINAGE PLAN
STA: 136+62 TO STA: 139+37
GULF BLVD IMPROVEMENTS



GULF BOULEVARD
STA. 144+60 TO STA. 147+22

LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+3.34	PROPOSED CONCRETE DRIVE	[Pattern]
CONSTRUCTION BASELINE	---	EXISTING FENCE	[Symbol]	PROPOSED CONCRETE SIDEWALK	[Pattern]
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	ETEL-ETEL	PROPOSED ASPHALT PAVEMENT	[Pattern]
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	TV-TV	PROPOSED PAVEMENT BRICK REPLACEMENT	[Pattern]
EXISTING BRICK	[Pattern]	EXISTING OVERHEAD LINE	OHL-OHL	PROPOSED SHELL DRIVE REGRADING	[Pattern]
EXISTING BUILDING	[Pattern]	EXISTING SEWER FORCEMAIN	FM-FM	PROPOSED TOP OF BANK	---
EXISTING CONCRETE	[Pattern]	EXISTING WATER MAIN	W-W	PROPOSED TOE OF BANK	---
EXISTING SHELL	[Pattern]	APPROX. VEGETATION LINE	[Symbol]	PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
EXISTING TOE OF SLOPE	---	EXISTING TREES	[Symbol]	PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
EXISTING TOP OF BANK	---	EXISTING POWER POLE	[Symbol]	PROPOSED ELEVATION (M.E. = MATCH EXISTING)	[Symbol]
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	[Symbol]	CROSS SECTION LINE	---

EXISTING DRAINAGE STRUCTURE I.D.
(SEE SHEET 3 FOR SCHEDULE)

1

Design: BRW/JNB
Drawn: JNB
Checked: BRW
Approved: MOC
Date Issued: 01/28/18

Scale: 1"=10'
1"=20'
Job No: 14089.002 (130)
ED 8005

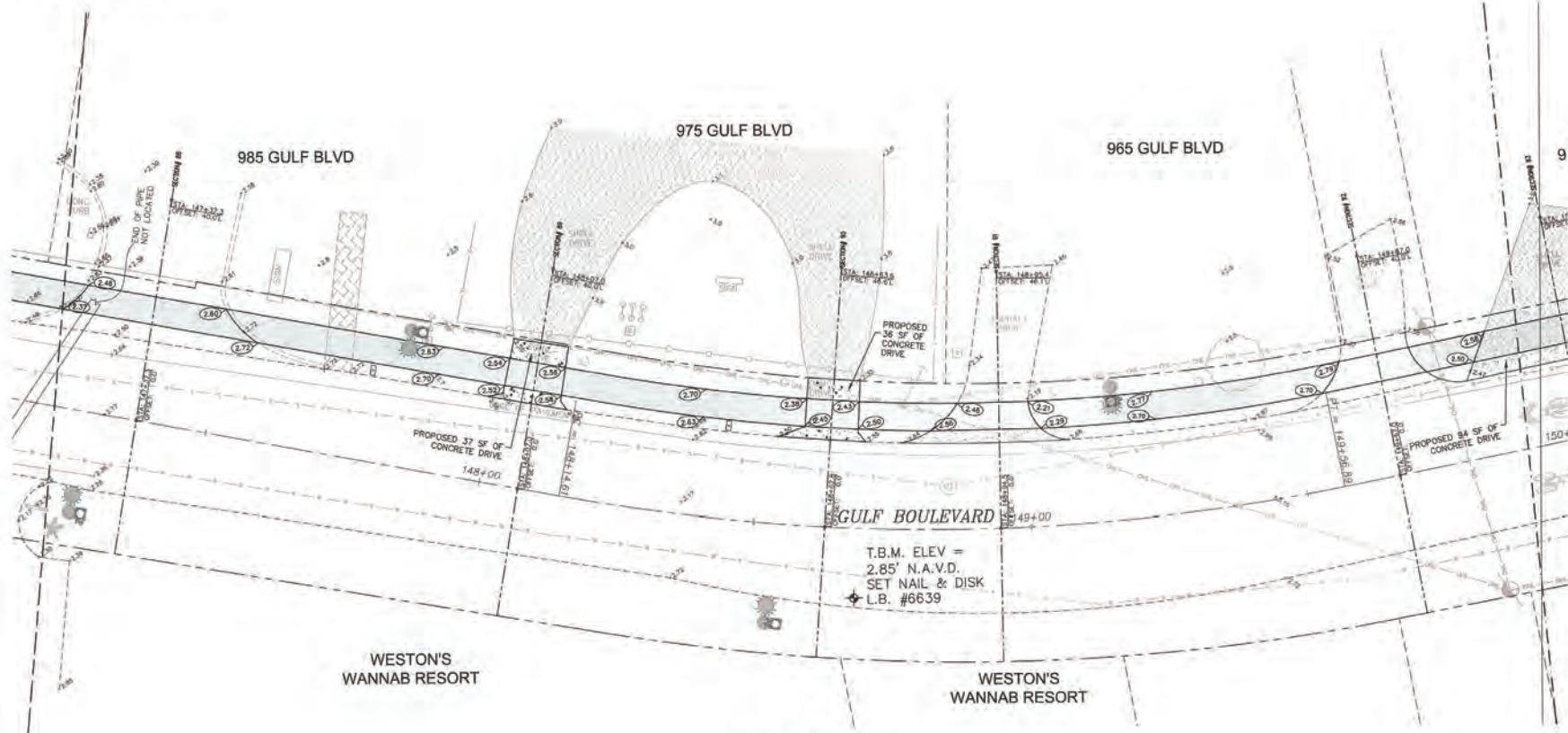
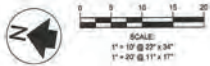
WEC
WILLIAMSON ENGINEERING CONSULTANTS
201 W. MARSH AVE. SUITE 1306
PUNTA GORDA, FLORIDA 33950
941.505.1700

DRAINAGE PLAN
STA: 144+60 TO STA: 147+22
GULF BLVD IMPROVEMENTS

Description	By	Date
DESIGNED FOR: DRAINAGE COMMENTS: 1-28/07/18		
FOR: ROAD FOR CONSTRUCTION		

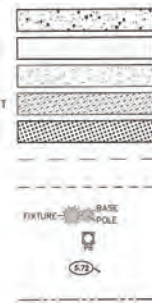


Sheet No. **D17**



LEGEND

EXISTING RIGHT OF WAY	---	EXISTING SPOT ELEVATION	+6.34
CONSTRUCTION BASELINE	---	EXISTING FENCE	—○—○—
SHEET MATCHLINE	---	EXISTING TELEPHONE LINE	—E.T.E.L.—
EXISTING EDGE OF PAVEMENT	---	EXISTING TELEVISION LINE	—T.V.—T.V.—
EXISTING BRICK	[Pattern]	EXISTING OVERHEAD LINE	—O.H.—
EXISTING BUILDING	[Pattern]	EXISTING SEWER FORCEMAIN	—F.M.—F.M.—
EXISTING CONCRETE	[Pattern]	EXISTING WATER MAIN	—W—W—
EXISTING SHELL	[Pattern]	APPROX. VEGETATION LINE	—Wavy Line—
EXISTING TOE OF SLOPE	---	EXISTING TREES	[Tree Symbols]
EXISTING TOP OF BANK	---	EXISTING POWER POLE	[Pole Symbol]
EXISTING SWALE LINE	---	EXISTING LIGHT POLE	[Pole Symbol]
		PROPOSED CONCRETE DRIVE	[Pattern]
		PROPOSED CONCRETE SIDEWALK	[Pattern]
		PROPOSED ASPHALT PAVEMENT	[Pattern]
		PROPOSED PAVEMENT BRICK REPLACEMENT	[Pattern]
		PROPOSED SHELL DRIVE REGRADING	[Pattern]
		PROPOSED TOP OF BANK	---
		PROPOSED TOE OF BANK	---
		PROPOSED DECORATIVE LIGHTING (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
		PROPOSED PULL BOX (SEE SEPARATE LIGHTING PLANS FOR DETAILS)	[Symbol]
		PROPOSED ELEVATION (M.E. = MATCH EXISTING)	[Symbol]
		CROSS SECTION LINE	---



EXISTING DRAINAGE STRUCTURE I.D.
(SEE SHEET 3 FOR SCHEDULE)

1

Design:	BRW/JNE
Drawn:	JNE
Checked:	BRW
Approved:	MJC
Date Issued:	01/26/19

Scale:	1"=10' @ 22x34
	1"=20' @ 11x17
Job No:	14089.002 (130)
Job Name:	201 W. MARION AVE. SUITE 1306 PUNTA GORDA, FLORIDA 33960
Job No.:	941.505.1700

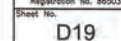
WEG
WEG ENGINEERING CORPORATION
201 W. MARION AVE. SUITE 1306
PUNTA GORDA, FLORIDA 33960
941.505.1700

DRAINAGE PLAN
STA. 147+22 TO STA. 149+91
GULF BLVD IMPROVEMENTS

Description	By	Date
DESIGNED BY	BRW	12/22/18
DRAWN BY	JNE	1/26/19
CHECKED BY	BRW	1/26/19
APPROVED BY	MJC	1/26/19



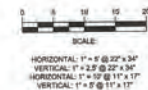
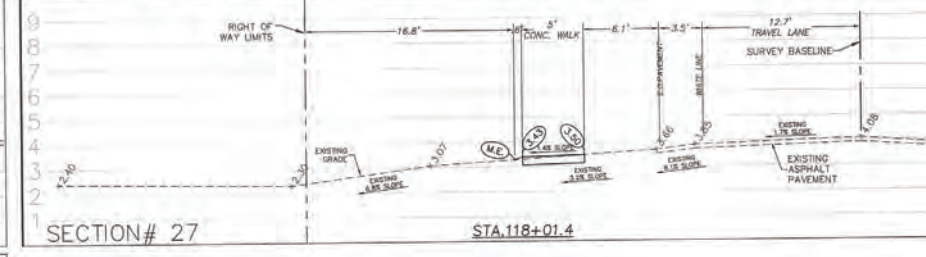
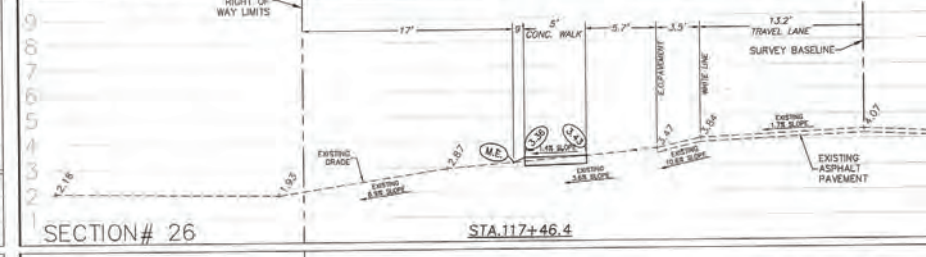
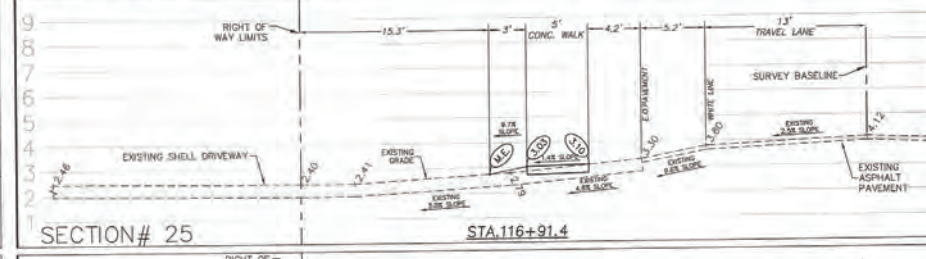
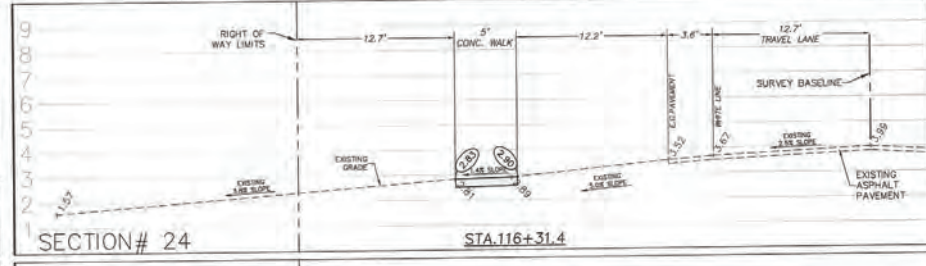
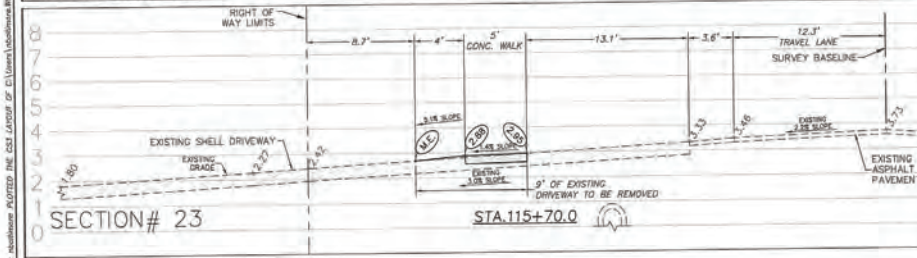
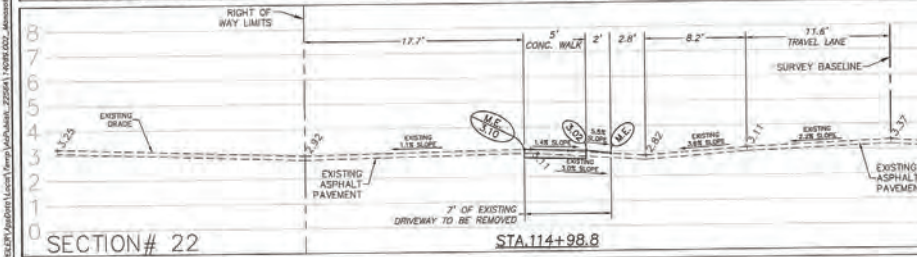
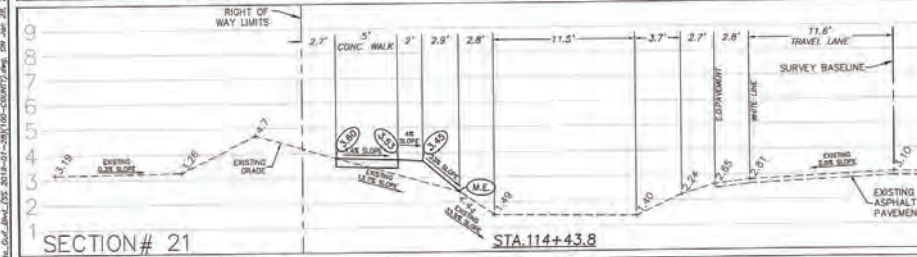
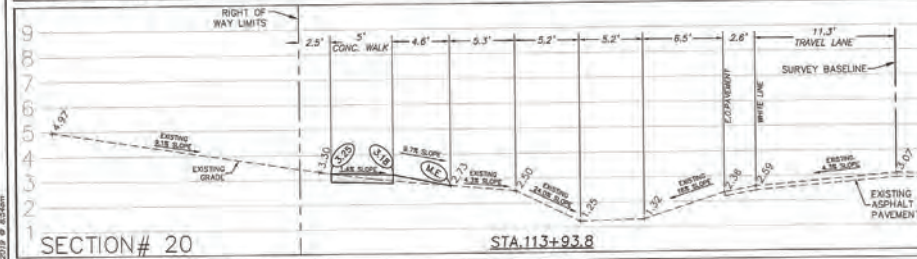
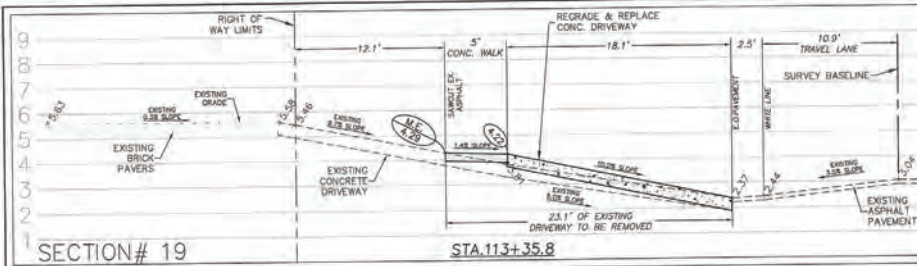
Sheet No. **D18**



DRAINAGE PLAN
STA: 149+91 TO STA: 151+95
GULF BLVD IMPROVEMENTS

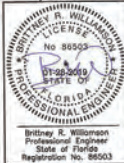
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1"=10'	Drawn:	JNB
1"=20'	Checked:	BRW
Job No:	Approved:	MJC
14089.002 (130)		

WEG ENGINEERING CORPORATION
excellence in engineering
201 W. MARION AVE, SUITE 1306
PUNTA GORDA, FLORIDA 33950
941.505.1700



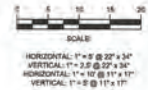
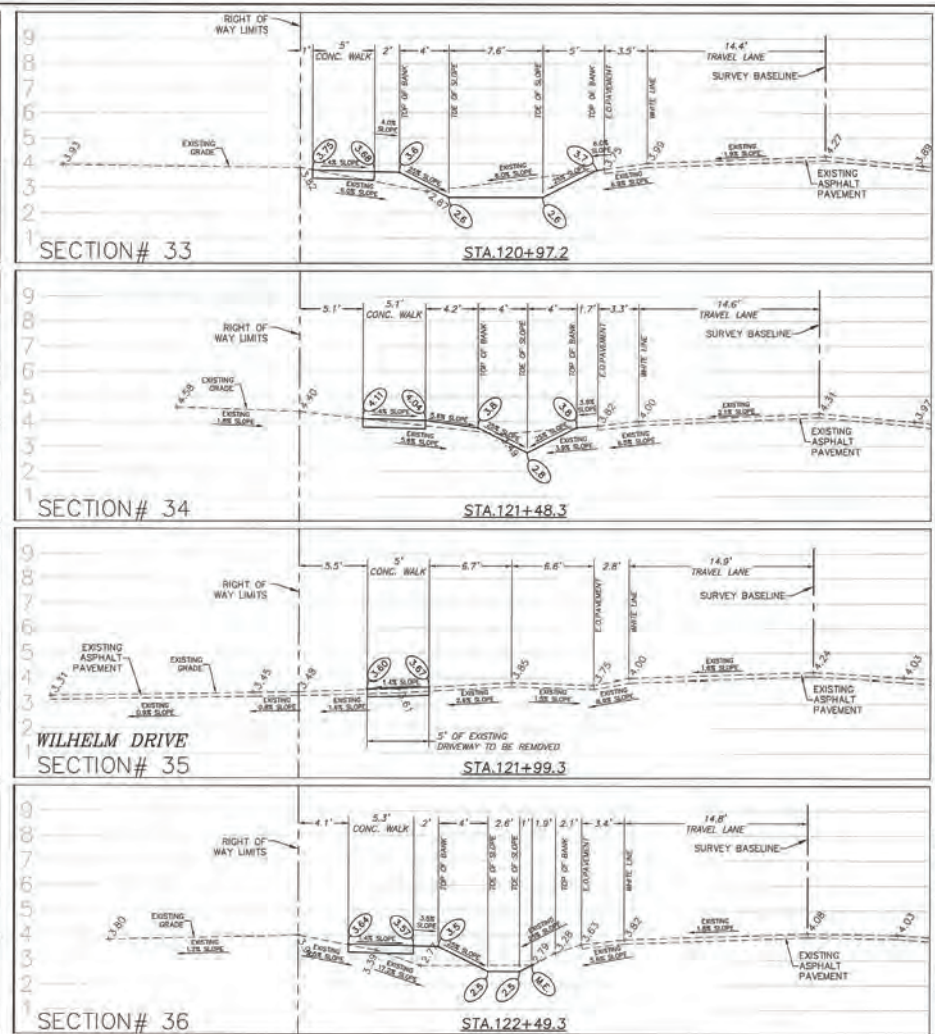
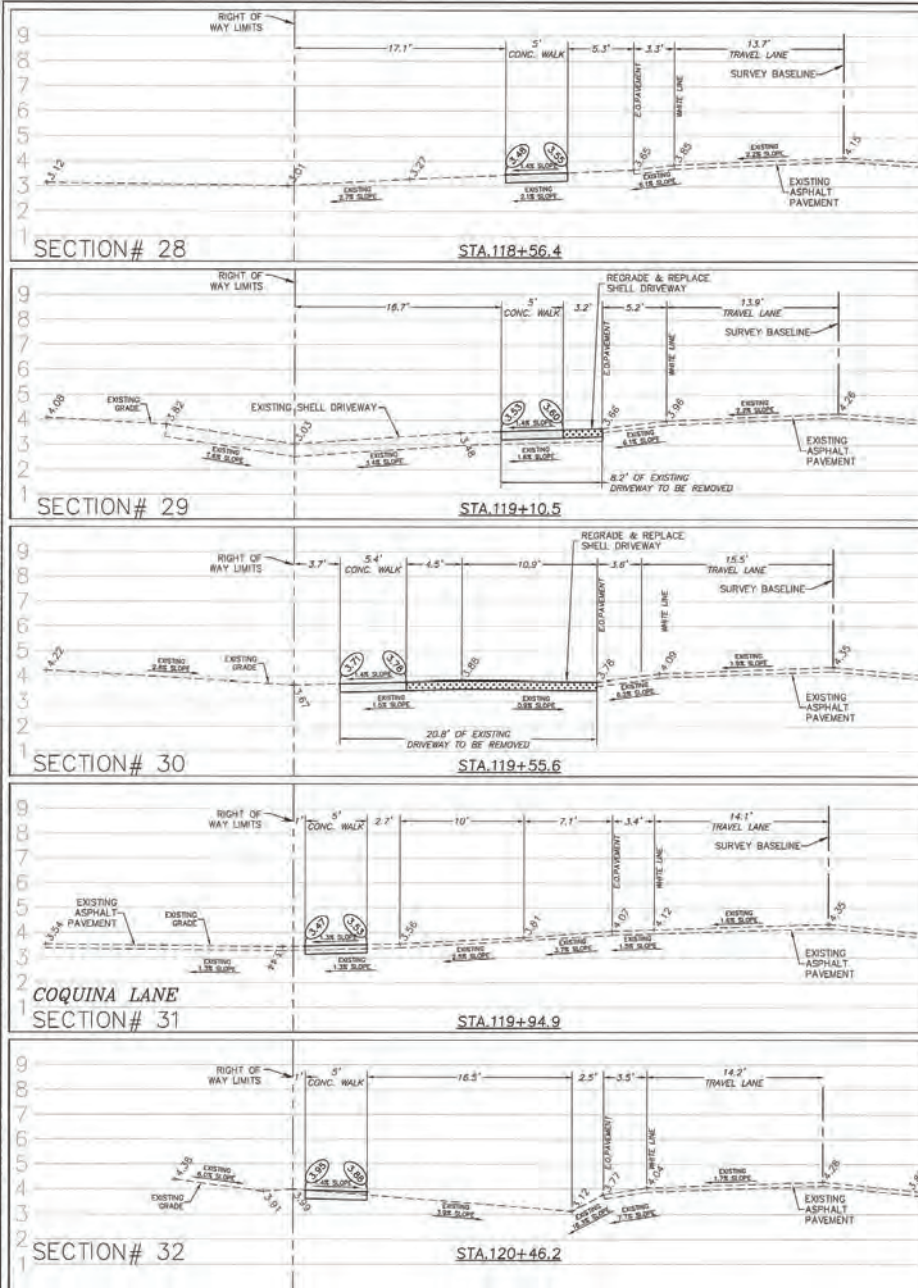
CROSS SECTIONS #19 - #27
GULF BLVD IMPROVEMENTS

#	Description	Date:	By:
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2	100% ISSUED FOR CONSTRUCTION	01/28/19	JNE

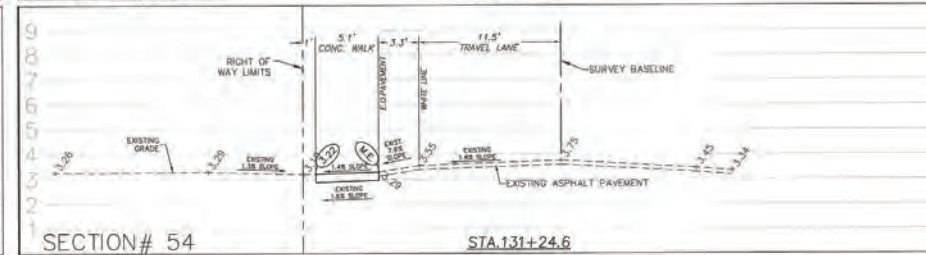
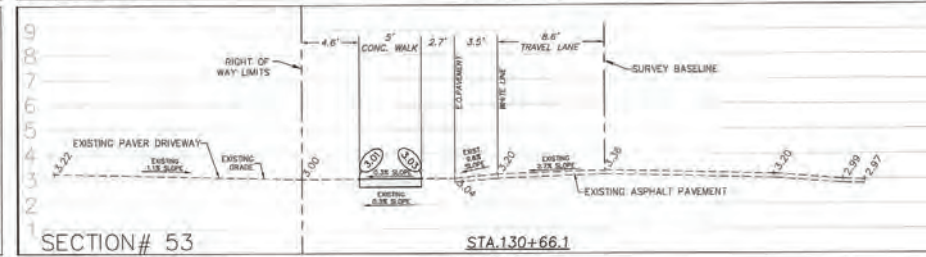
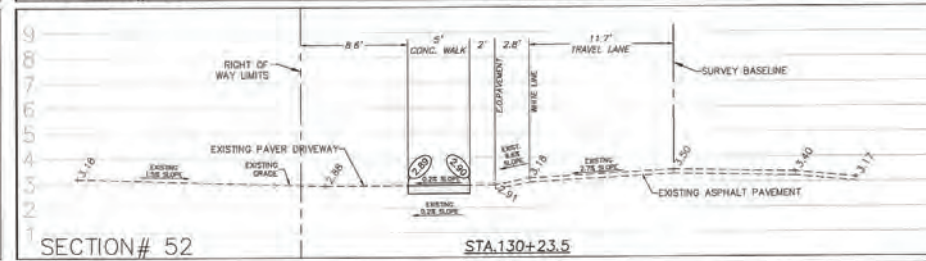
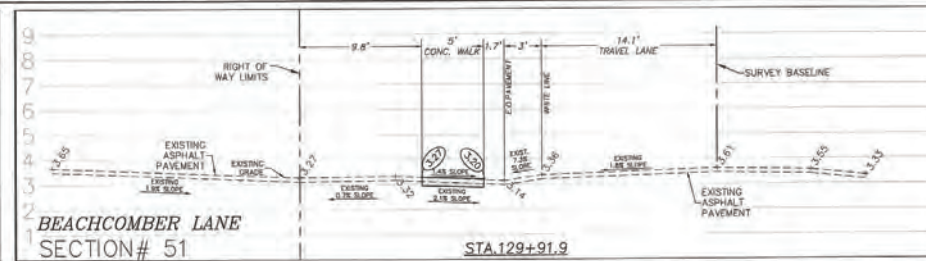
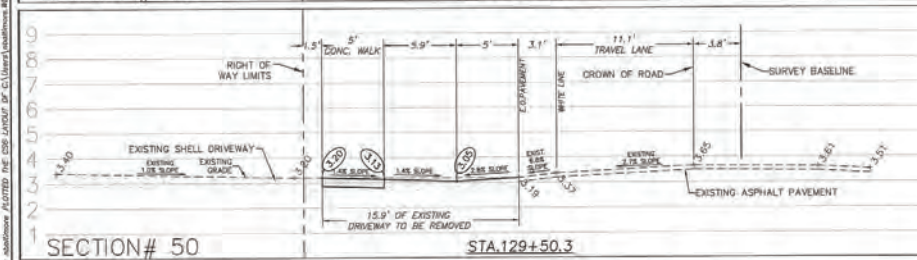
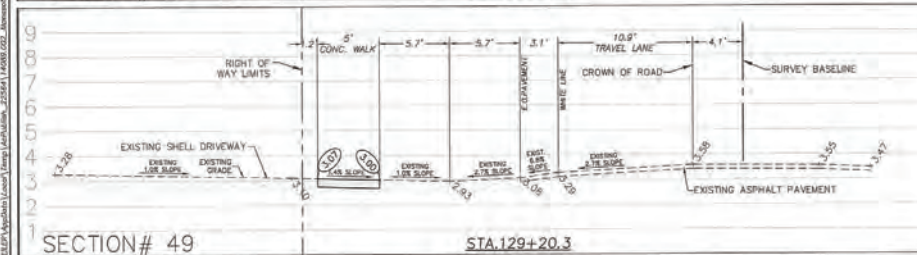
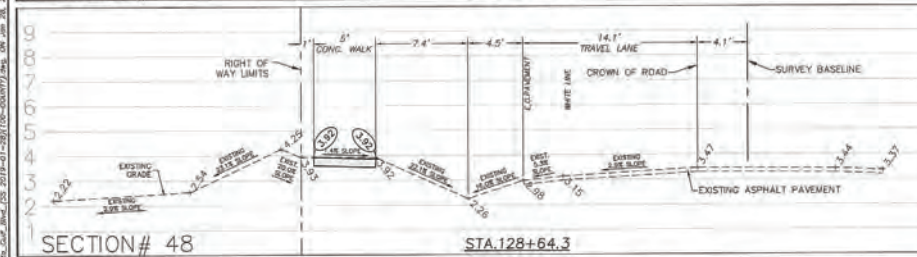
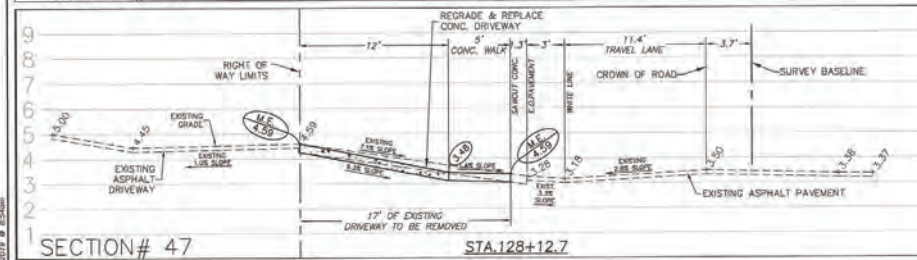
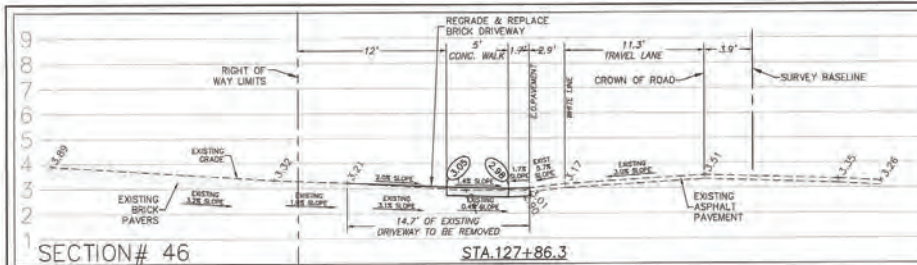


CS3

SECTION# 28 STA.118+56.4
SECTION# 29 STA.119+10.5
SECTION# 30 STA.119+55.6
SECTION# 31 STA.119+94.9
SECTION# 32 STA.120+46.2
SECTION# 33 STA.120+97.2
SECTION# 34 STA.121+48.3
SECTION# 35 STA.121+99.3
SECTION# 36 STA.122+49.3



Design: JMB	Drawn: JMB	Checked: JMB	Date Issued: 01/28/19
Scale: EXAGGERATED	Scale: AS SHOWN	Job No: 14089.002 (130)	Approval: MJC
WILHELM DRIVE 201 W. MARION AVE. SUITE 300 PORTLAND, ME 04106 941.505.1700			
CROSS SECTIONS #28 - #36 GULF BLVD IMPROVEMENTS			
By: JMB	Date: 01/28/19	Project: 14089.002 (130)	Sheet: 130
BRITNEY R. WILHELMSON Professional Engineer State of Florida Registration No. 85503			
CS4			



Design:	BRW/JNB
Drawn:	JNB
Checked:	BRW
Approved:	M/G
Date issued:	01/28/19

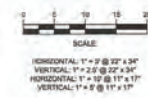
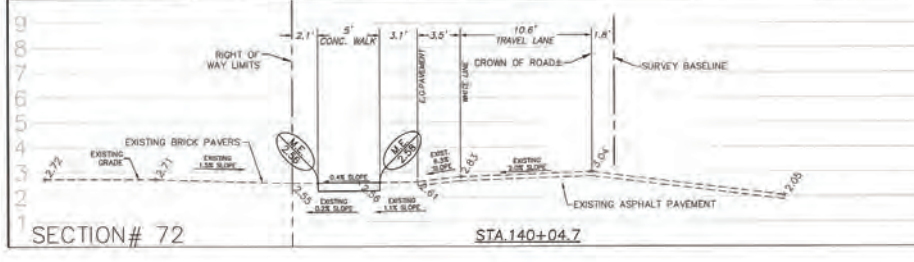
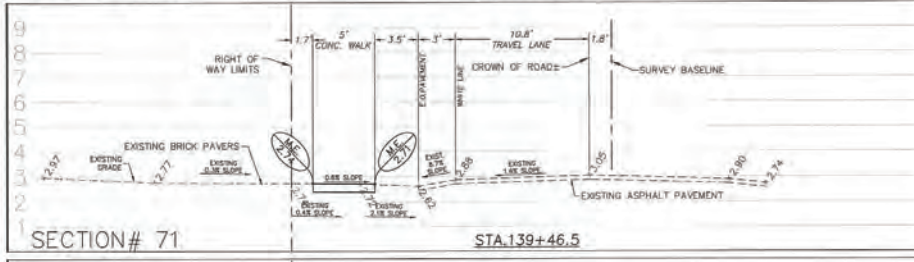
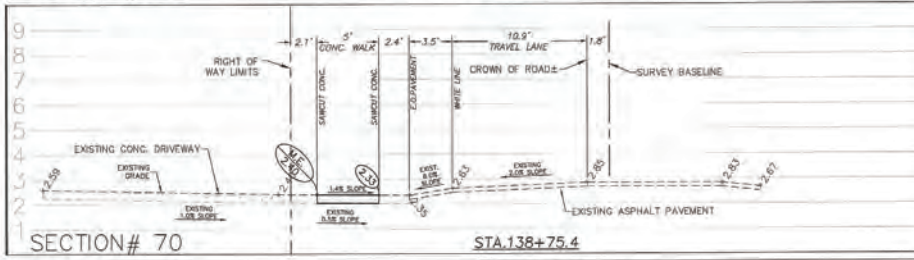
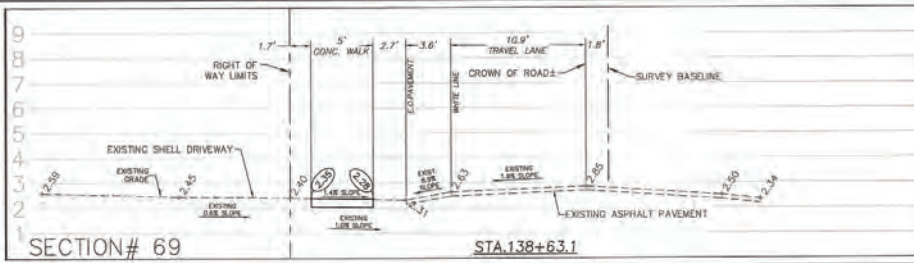
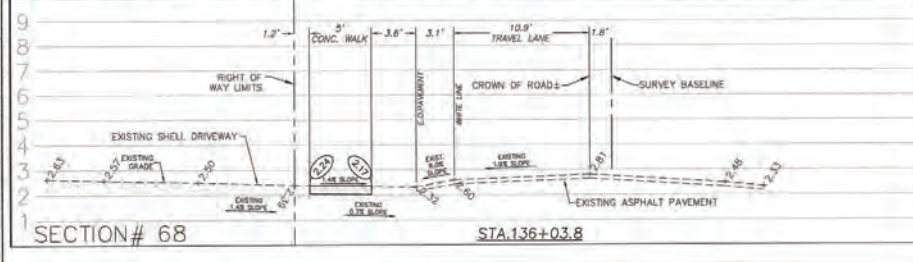
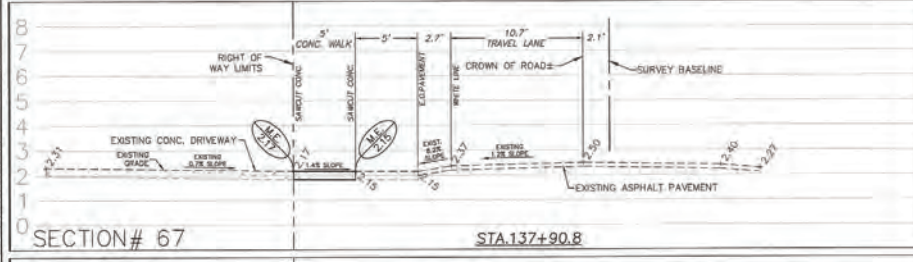
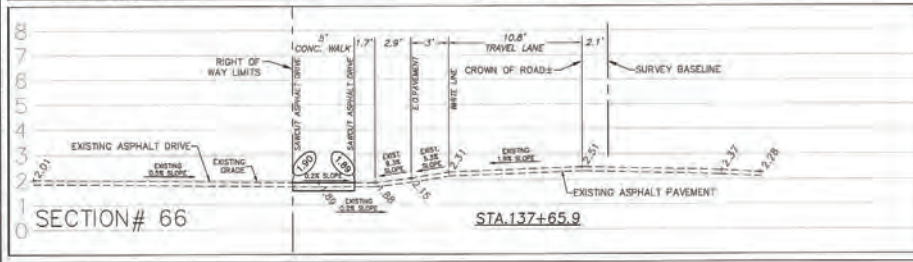
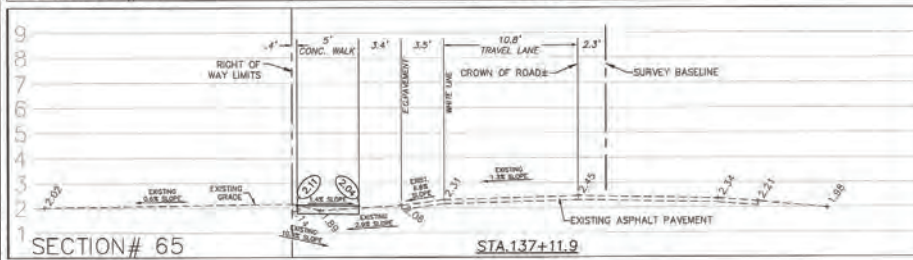
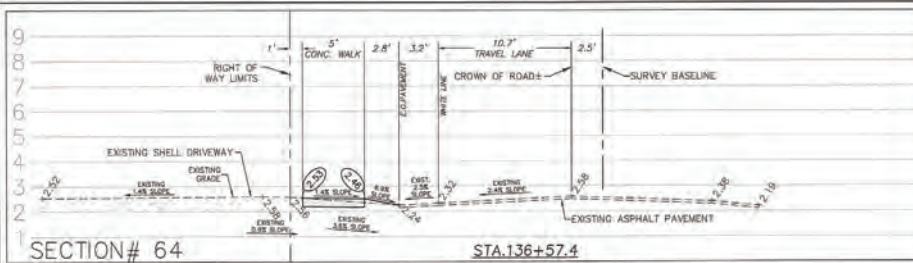
201 W. MARION AVE., SUITE 1306
PUNTA GORDA, FLORIDA 33950
941.505.1700

CROSS SECTIONS #46 - #54
GULF BLVD IMPROVEMENTS

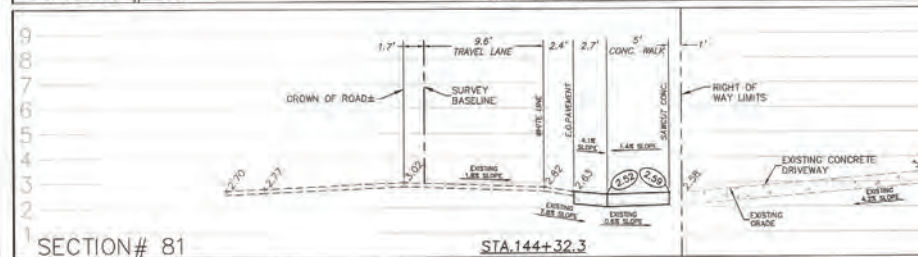
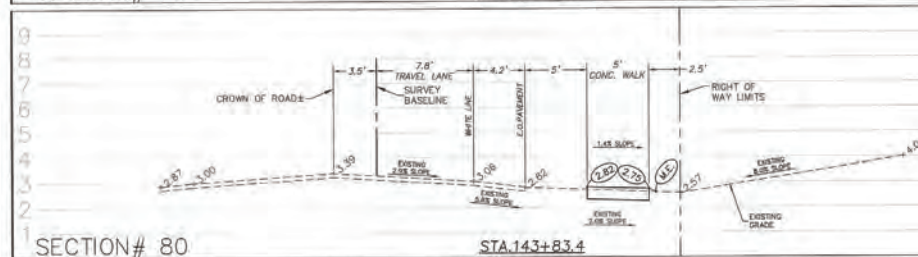
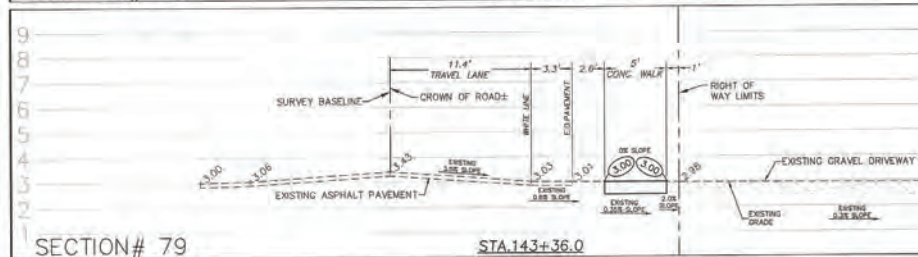
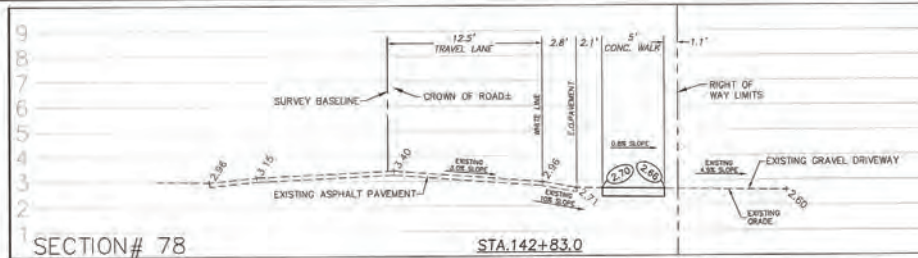
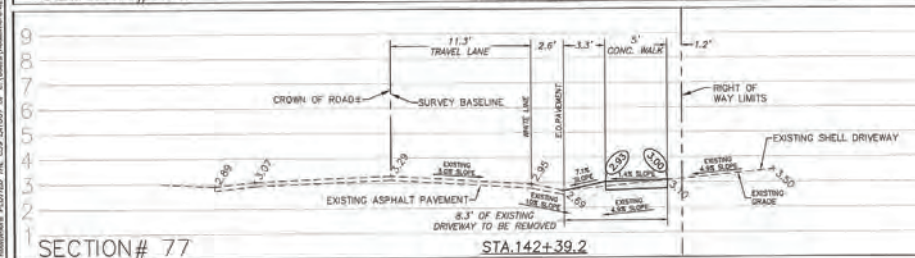
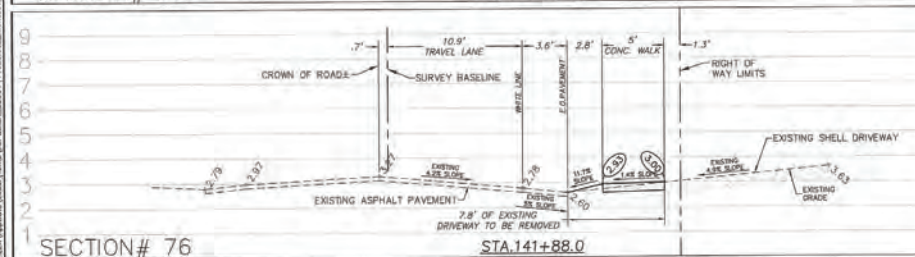
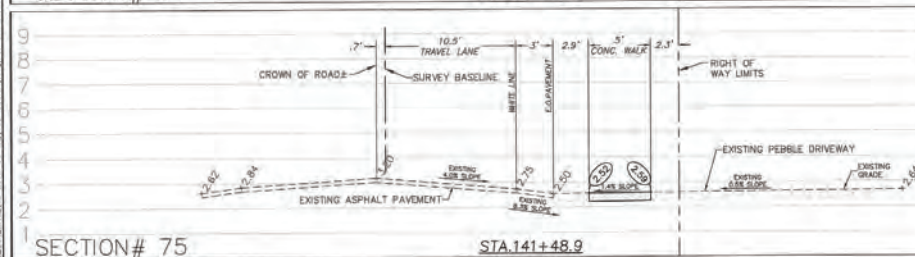
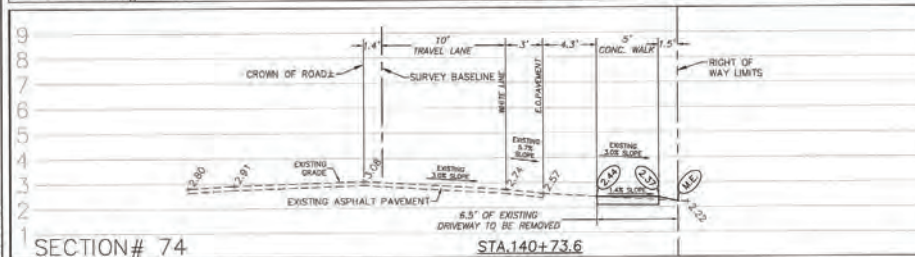
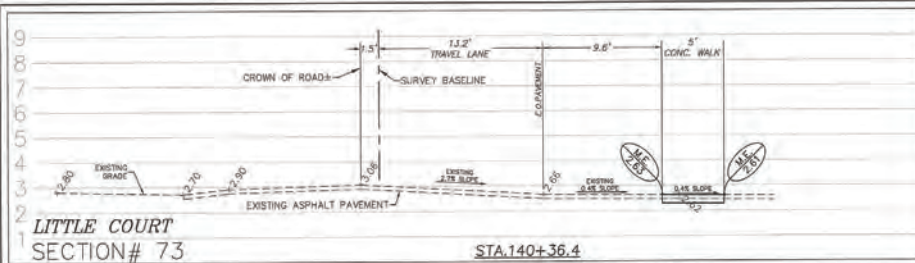
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6			
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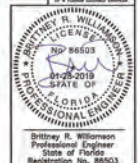
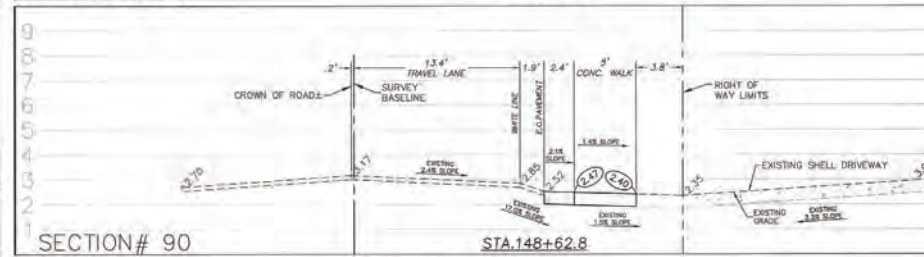
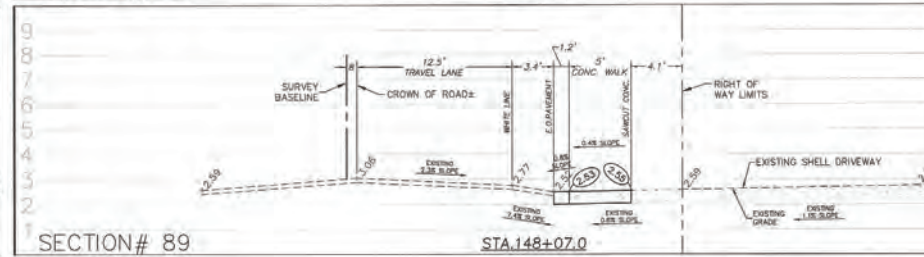
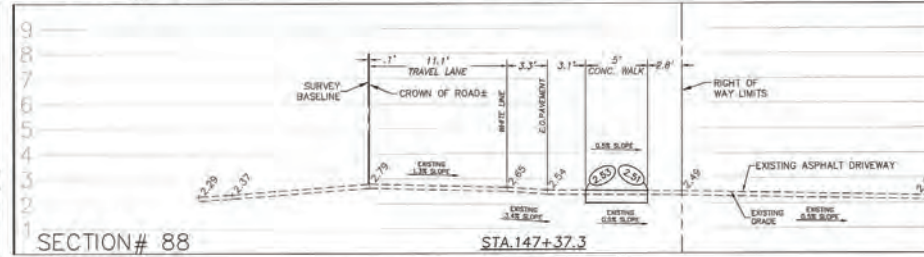
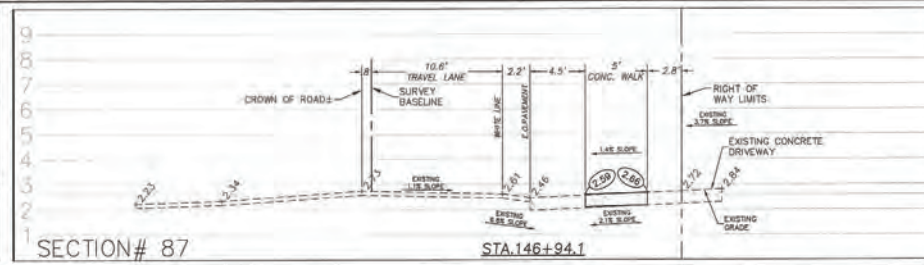
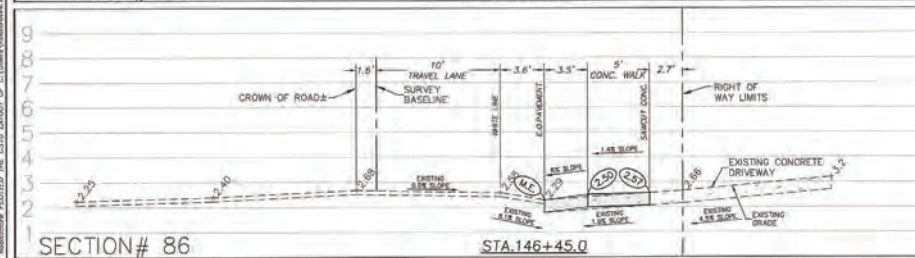
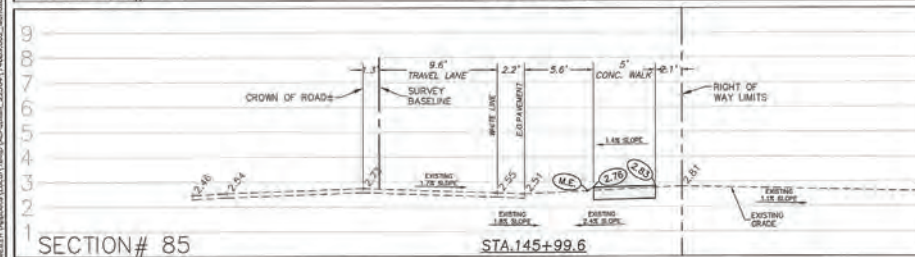
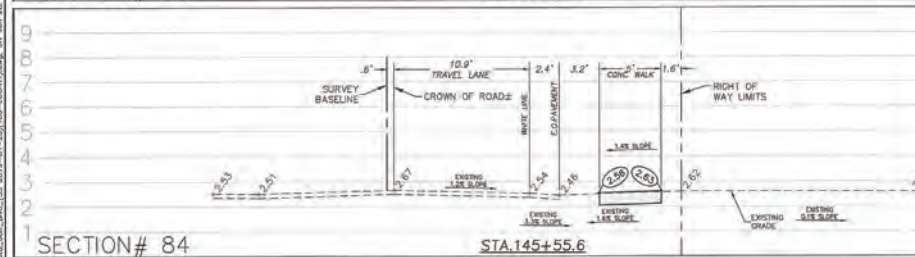
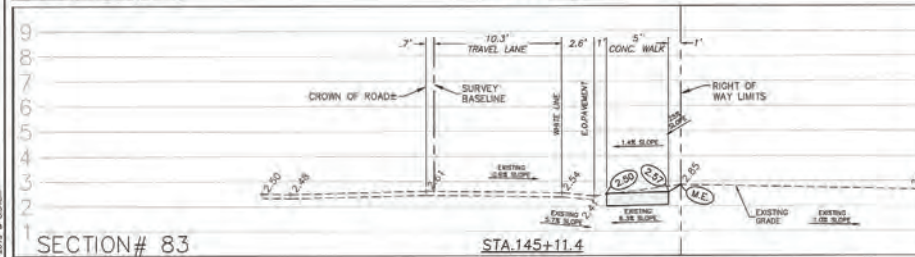
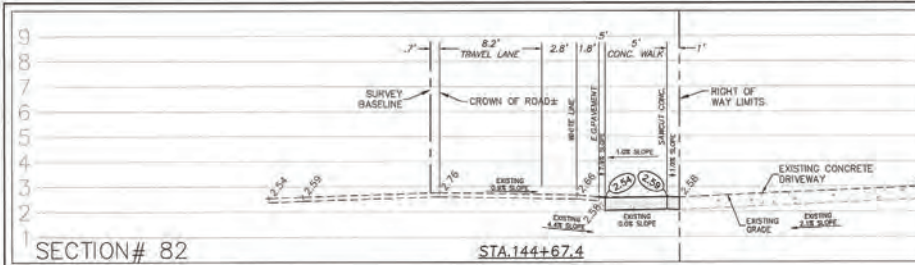
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Design: BRW/ANR	Drawn: ANR	Checked: BRW	Approved: MAC	Date Issued: 01/28/2019
WE <i>where is engineering</i> 201 W. MARGON AVE. SUITE 1300 PUNTA GORDA, FLORIDA 33950 941.505.1700				
CROSS SECTIONS #64 - #72 GULF BLVD IMPROVEMENTS				
Sheet No.	1	2	3	4
100% REVISION FOR CONSTRUCTION 01/28/2019 BRITNEY R. WILLIAMSON PROFESSIONAL ENGINEER STATE OF FLORIDA REGISTRATION NO. 85503				
CS8				

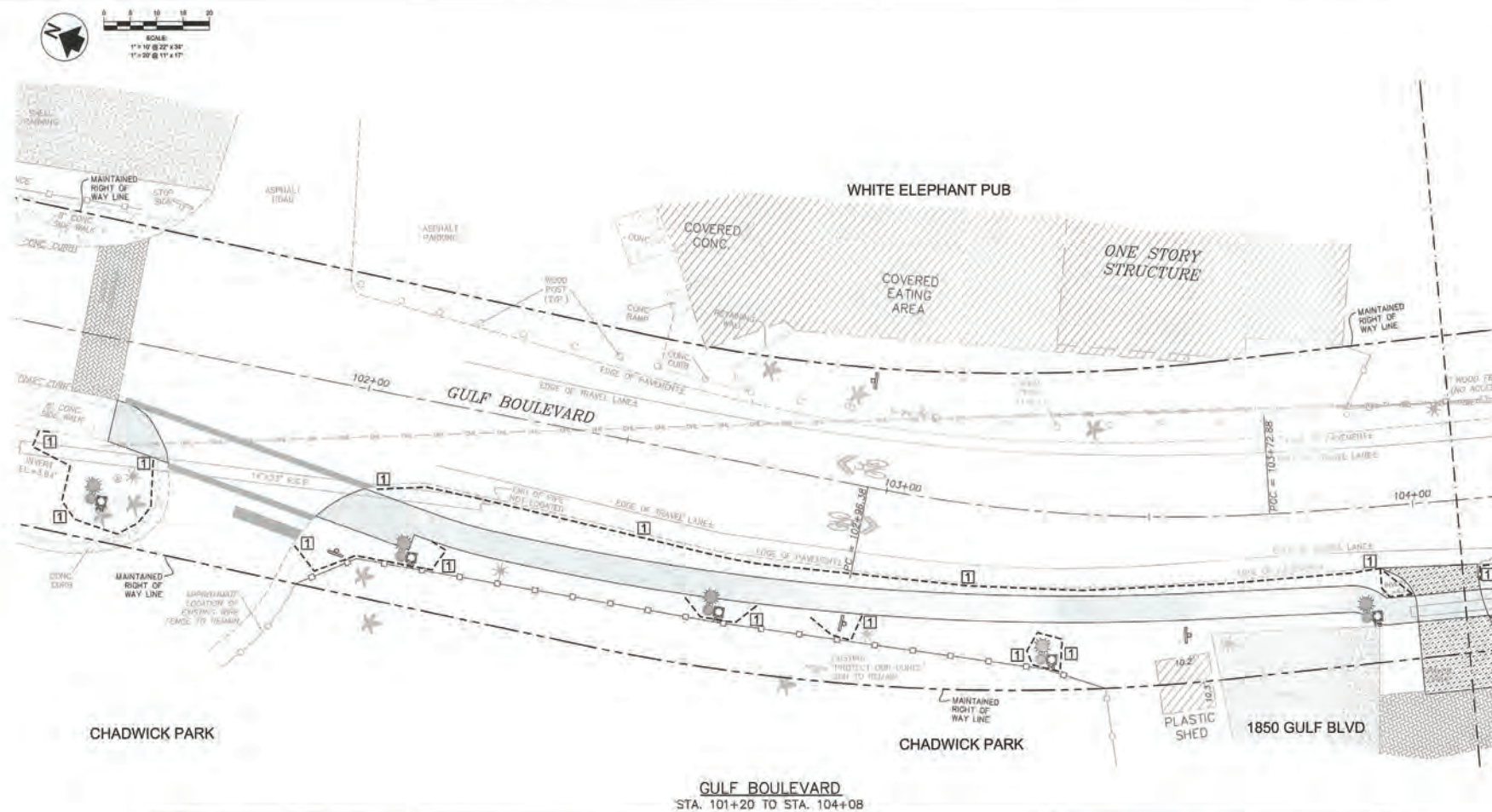




CROSS SECTIONS #82 - #90

201 W. MARION AVE., SUITE 1308
PUNTA GORDA, FLORIDA 33950
941.505.1700

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EXAGGERATED	BRW/JNB
SCALE AS SHOWN	Drawn: JNB
	Checked: BRW
Job No:	Approved: MJC
14089.002 (130)	Date Issued: 01/26/19

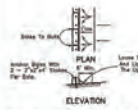
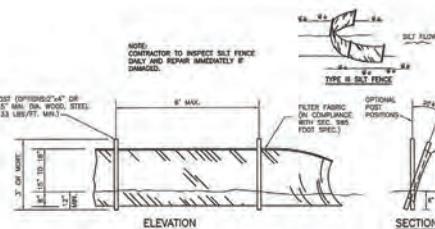


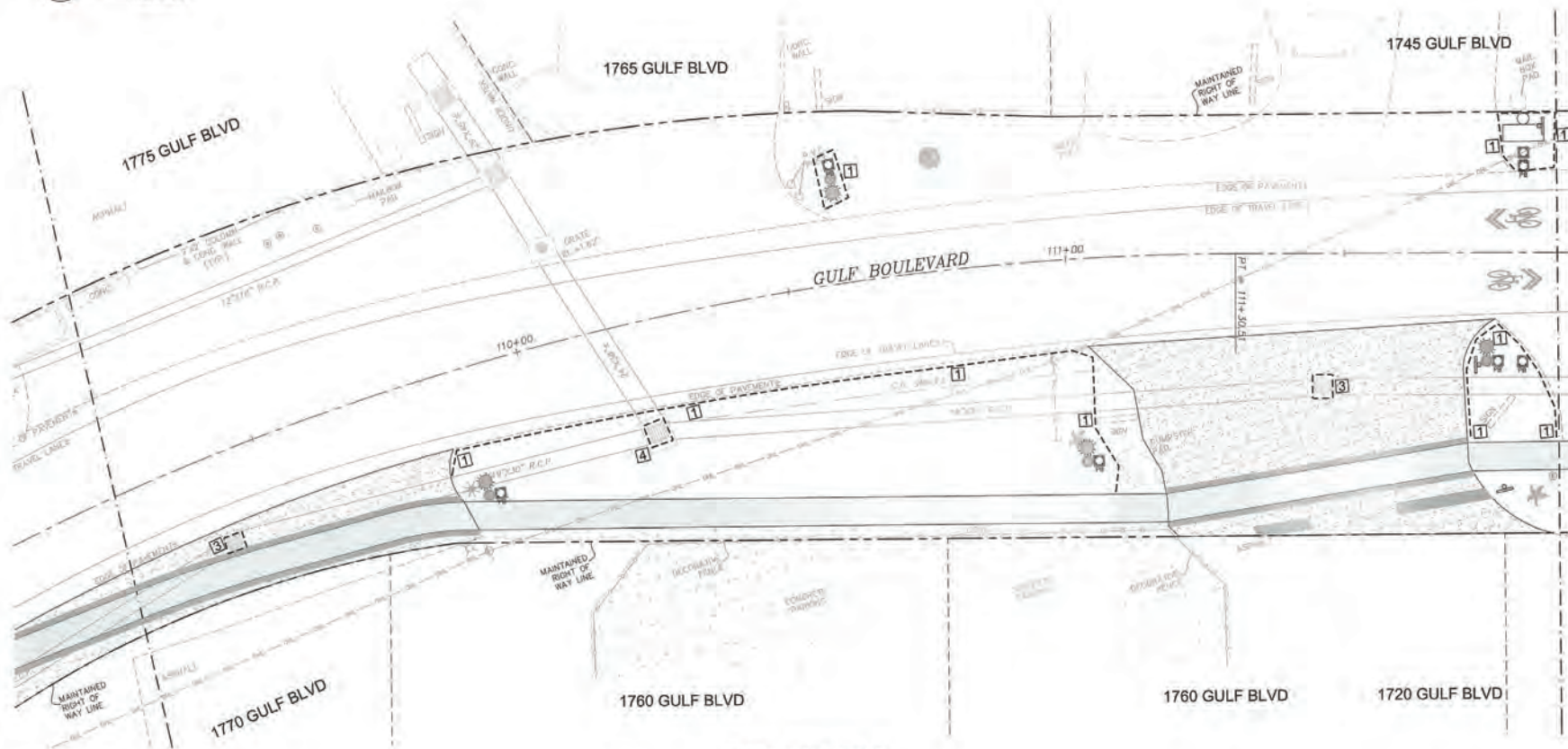
EROSION CONTROL MAINTENANCE SCHEDULE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION PROTECTION FACILITIES THROUGH COMPLETION OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING THE EROSION PROTECTION FACILITIES TO ENSURE THAT THE EROSION PROTECTION FACILITIES ARE MAINTAINED AND PROTECTION FUNCTIONS AND INTEGRITY.

IN ADDITION TO THE INSTALLATION OF EROSION PROTECTION FACILITIES, THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE MAY DEEM IT NECESSARY, BASED ON THE RESULTS OF MONITORING, TO REQUIRE THE CONTRACTOR TO MAINTAIN OR REPLACE THE EROSION PROTECTION FACILITIES BY THE CONTRACTOR. THE MONITORING SHALL BE PERFORMED DAILY BY BACKGROUND THURSDAY LEVELS REACH 28-29 INCHES. FOR BACKGROUND MONITORING, THE CONTRACTOR SHALL BE REQUIRED TO PERFORM MONITORING DAILY. IF BACKGROUND THURSDAY LEVELS ARE GREATER THAN 28 INCHES, ALL CONSTRUCTION ACTIVITIES SHALL BE STOPPED IMMEDIATELY. IF BACKGROUND THURSDAY PROTECTION NECESSARY TO RETURN LEVELS TO 28 INCHES OR LESS. CONSTRUCTION ACTIVITIES SHALL BECOME AGAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION PROTECTION FACILITIES, BY THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE.

LEGEND





GULF BOULEVARD
STA. 109+23 TO STA. 111+32

EROSION CONTROL MAINTENANCE SCHEDULE

THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL FACILITIES AS SHOWN ON THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION. THESE INSTALLATIONS AS SHOWN ON THE DRAWINGS SHALL BE CONSIDERED THE MINIMUM EROSION CONTROL PROTECTION REQUIRED FOR THE SITE. IN ADDITION THE CONTRACTOR SHALL, OR OTHERWISE APPROPRIATE, MAY DEEM IT NECESSARY TO INSTALL PROTECTIVE FACILITIES ELSEWHERE ON THE SITE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION PROTECTION FACILITIES THROUGHOUT COMPLETION OF CONSTRUCTION. THE CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF THE FACILITIES TO ENSURE THAT THE EROSION PROTECTION FACILITIES ARE MAINTAINING THEIR PROTECTION FUNCTIONING AND SECURITY.

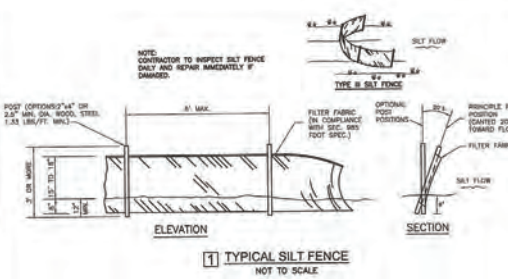
IN ADDITION TO THE INSTALLATION OF EROSION PROTECTION FACILITIES, THE CONTRACTOR SHALL, OR OTHERWISE APPROPRIATE, MAY DEEM IT NECESSARY, UPON INSPECTION OF THE SITE, THAT TURBIDITY MONITORING BE PERFORMED AT THE CONSTRUCTION. THE MONITORING SHALL BE PERFORMED DAILY IF BACKGROUND TURBIDITY LEVELS REACH 25-29 NTU'S. FOR BACKGROUND TURBIDITY LEVELS LESS THAN 25 NTU'S, TURBIDITY MONITORING SHALL BE PERFORMED WEEKLY. IF BACKGROUND TURBIDITY LEVELS ARE GREATER THAN 25 NTU'S, ALL CONSTRUCTION ACTIVITIES SHALL STOP AND THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION PROTECTION NECESSARY TO RETURN LEVELS TO 25 NTU'S OR LESS. CONSTRUCTION ACTIVITIES SHALL BEGIN AGAIN ONLY UPON APPROVAL BY THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE.

ALL EROSION PROTECTION FACILITIES SHALL BE REMOVED AFTER CONSTRUCTION COMPLETION, AND WHEN A VEGETATIVE COVER HAS BEEN WELL ESTABLISHED OVER THE CONSTRUCTED AREAS. PER THE PLANS, THE CONTRACTOR SHALL REMOVE PROTECTION FACILITIES ONLY UPON APPROVAL BY THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE.

LEGEND

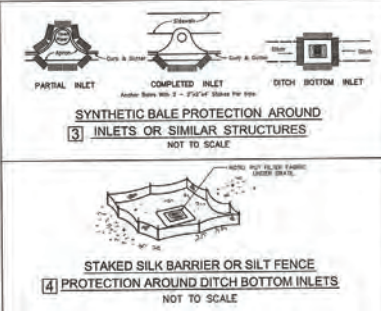
- BEST MANAGEMENT PRACTICE DETAIL REFERENCE

--- TYPICAL BMP INSTALLATION



[1] TYPICAL SILT FENCE
NOT TO SCALE

[2] SYNTHETIC BALES
NOT TO SCALE



Design: BRW/AND
Drawn: JNE
Checked: BRW
Approved: MJC
Date Issued: 01/28/19

Scale: 1" = 10' @ 22' x 34"
1" = 20' @ 11" x 17"

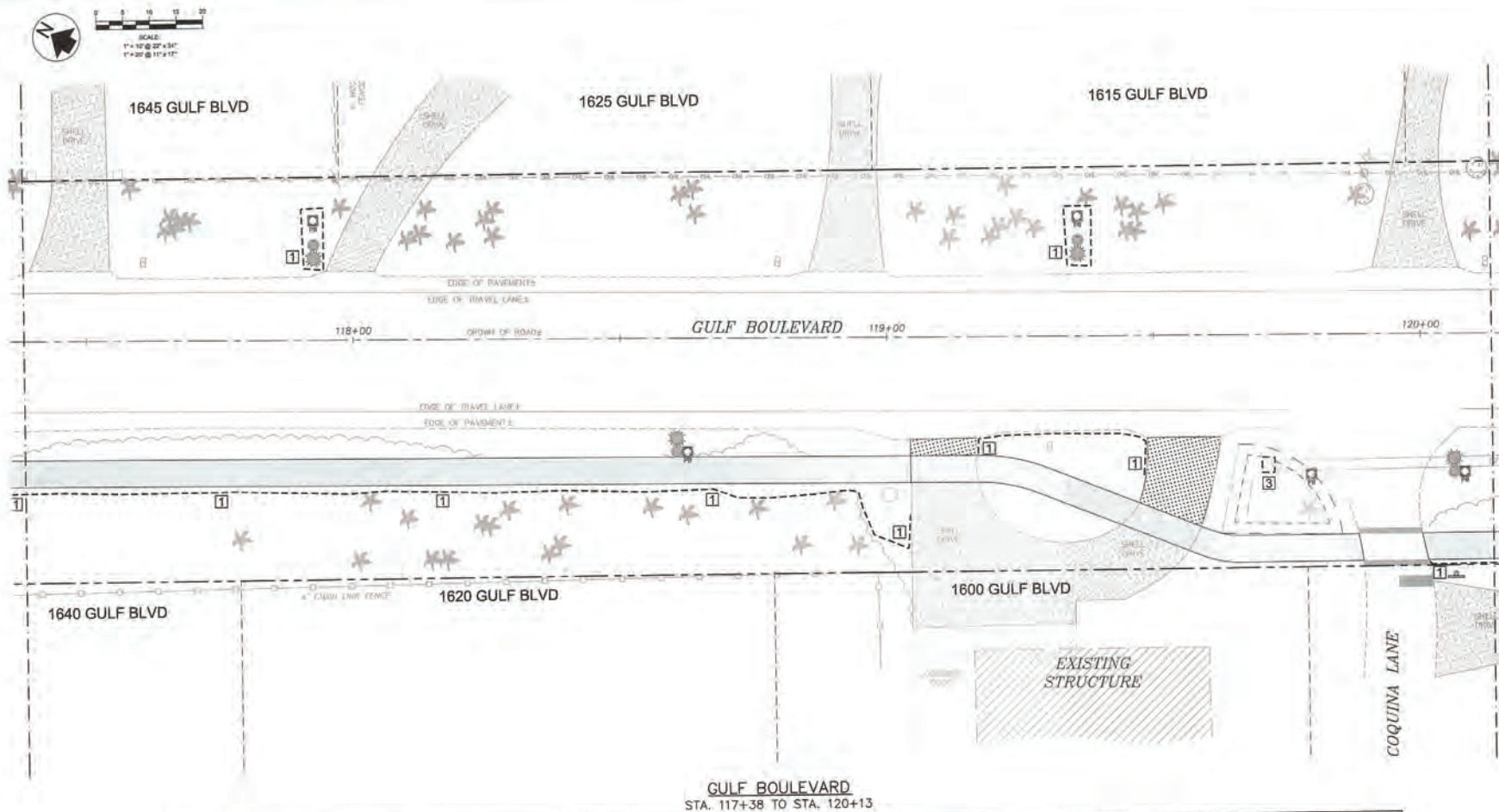
W. H. Williams & Associates, Inc.
W. H. Williams & Associates, Inc.
201 W. JASON AVE. SUITE 1306
PUNTA GORDA, FLORIDA 33950
941.505.1700
EIN 86959

BMP PLAN
STA: 109+23 TO STA: 111+32
GULF BLVD IMPROVEMENTS

Description	By	Date
DESIGNED AND DRAWN	BRW	01/28/19
CHECKED FOR CONSTRUCTION	BRW	01/28/19
APPROVED FOR CONSTRUCTION	BRW	01/28/19



Sheet No. **B4**



EROSION CONTROL MAINTENANCE SCHEDULE

THE CONTRACTOR SHALL INSTALL SILT FENCE, SYNTHETIC SALES, AND
AND OTHER EROSION CONTROL DEVICES AS SHOWN ON THE DRAWINGS PRIOR
TO BEGINNING CONSTRUCTION. THESE INSTALLATIONS AS SHOWN ON THE
DRAWINGS SHALL BE CONSIDERED THE MINIMUM EROSION/SILTATION
PROTECTION REQUIRED FOR THE SITE. IN ADDITION THE ENGINEER, OWNER,
OR OWNER'S REPRESENTATIVE MAY DEEM IT NECESSARY TO INSTALL
PROTECTIVE FACILITIES ELSEWHERE ON THE SITE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION PROTECTION FACILITIES THROUGHOUT COMPLETION OF CONSTRUCTION. THE CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF THE FACILITIES TO ENSURE THAT THE EROSION PROTECTION FACILITIES ARE MAINTAINING THEIR PROTECTION FUNCTIONS AND INTEGRITY.

IN ADDITION TO THE INSTALLATION OF EROSION PROTECTION FACILITIES, THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE MAY DEEM IT NECESSARY, BASED ON THE SEVERE RISK OF EROSION, TO REQUIRE THE CONTRACTOR TO MONITOR THE FACILITIES BY THE FOLLOWING CRITERIA:

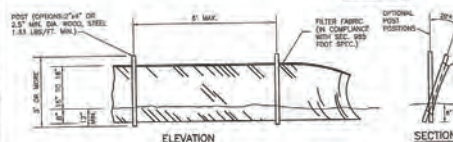
IF BACKGROUND TURBIDITY LEVELS READ 20-29 NTU/L, PERFORMANCE DATA WILL BE REQUIRED WEEKLY. IF BACKGROUND TURBIDITY LEVELS ARE GREATER THAN 29 NTU/L, ALL CONSTRUCTION ACTIVITIES REQUIRING EROSION PROTECTION NECESSARY TO RETURN LEVELS TO 29 NTU/L OR LESS. CONSTRUCTION ACTIVITIES SHALL BEGIN AGAIN UPON APPROVAL, BY THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE.

ALL EROSION PROTECTION FACILITIES SHALL BE REMOVED AFTER CONSTRUCTION COMPLETION, AND WHEN A VEGETATIVE COVER HAS BEEN WELL ESTABLISHED OVER THE CONSTRUCTED AREAS. PER THE PLANS: THE CONTRACTOR SHALL REMOVE PROTECTION FACILITIES ONLY UPON APPROVAL BY THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE.

LEGEND

- BEST MANAGEMENT PRACTICE DETAIL REFERENCE
 --- TYPICAL BMP INSTALLATION

NOTE:
CONTRACTOR TO INSPECT SALT FENCE
DAILY AND REPAIR IMMEDIATELY IF
DAMAGED.



1 TYPICAL SILT FENCE
NOT TO SCALE



2 SYNTHETIC BALES
NOT TO SCALE



SYNTHETIC BALE PROTECTION AROUND
[3] INLETS OR SIMILAR STRUCTURES
NOT TO SCALE



STAKED SILK BARRIER OR SILT FENCE
4 PROTECTION AROUND DITCH BOTTOM INLETS
NOT TO SCALE

Scale:	Design:
1"=10' @ 22x34	Drawn: JNB
1"=20' @ 11x17	Checked: BRW
Job No:	Approved: MJC
14089.002 (130)	Date Issued: 01/25/19

201 W. MARION AVE., SUITE 1308
PUNTA GORDA, FLORIDA 33950
941.505.1700

BMP PLAN
STA: 117+38 TO STA: 120+13
GULF BLVD IMPROVEMENTS

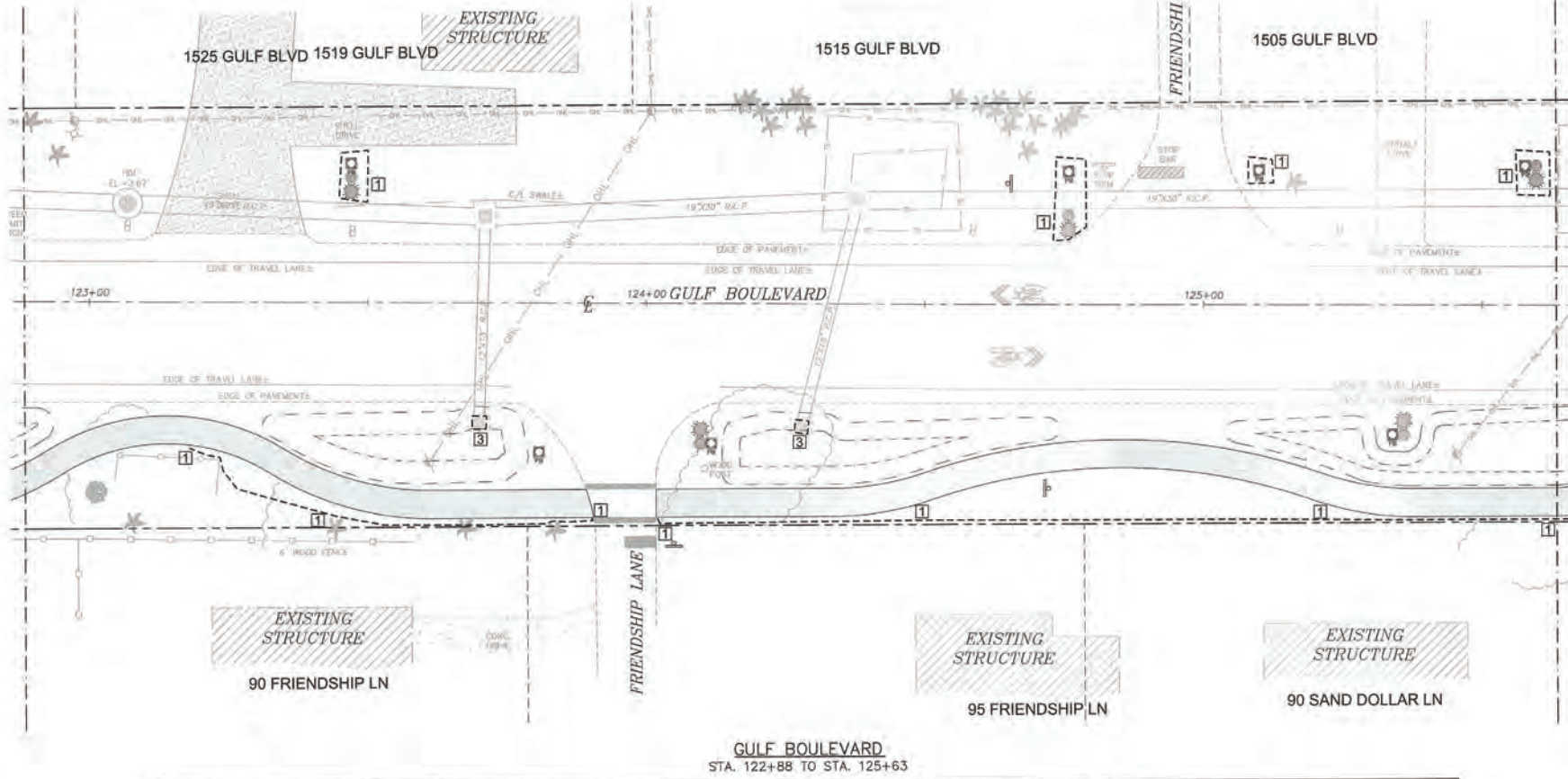
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2	100% ISSUED FOR CONSTRUCTION	01/28/19	PH
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-	-	-	-
-	-	-	-



Brittney R. Williamson
Professional Engineer
State of Florida
Registration No. 86503

Sheet No.

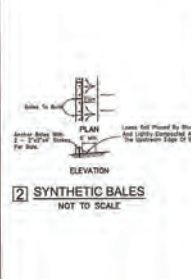
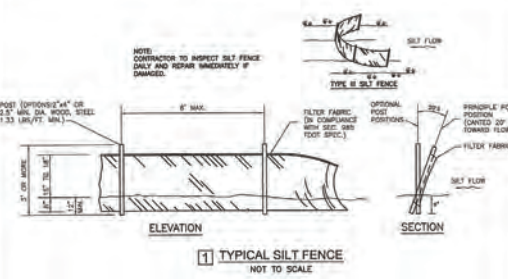
B7



EROSION CONTROL MAINTENANCE SCHEDULE

THE CONTRACTOR SHALL MAINTAIN ALL SILT FENCES, SYNTHETIC BALES, AND OTHER EROSION CONTROL DEVICES AS SHOWN ON THE DRAWINGS FROM THE DATE OF INSTALLATION THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES IN GOOD WORKING ORDER AND SHALL REPAIR OR REPLACE ANY DEVICES THAT BECOME DAMAGED OR INADEQUATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION PROTECTION FACILITIES THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES IN GOOD WORKING ORDER AND SHALL REPAIR OR REPLACE ANY DEVICES THAT BECOME DAMAGED OR INADEQUATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION PROTECTION FACILITIES THROUGHOUT THE CONSTRUCTION PERIOD.

LEGEND
 [Symbol] - BEST MANAGEMENT PRACTICE DETAIL REFERENCE
 --- TYPICAL BMP INSTALLATION



Design:	BRW/JND
Drawn:	JND
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Approved:	MJC
Date Issued:	01/28/19

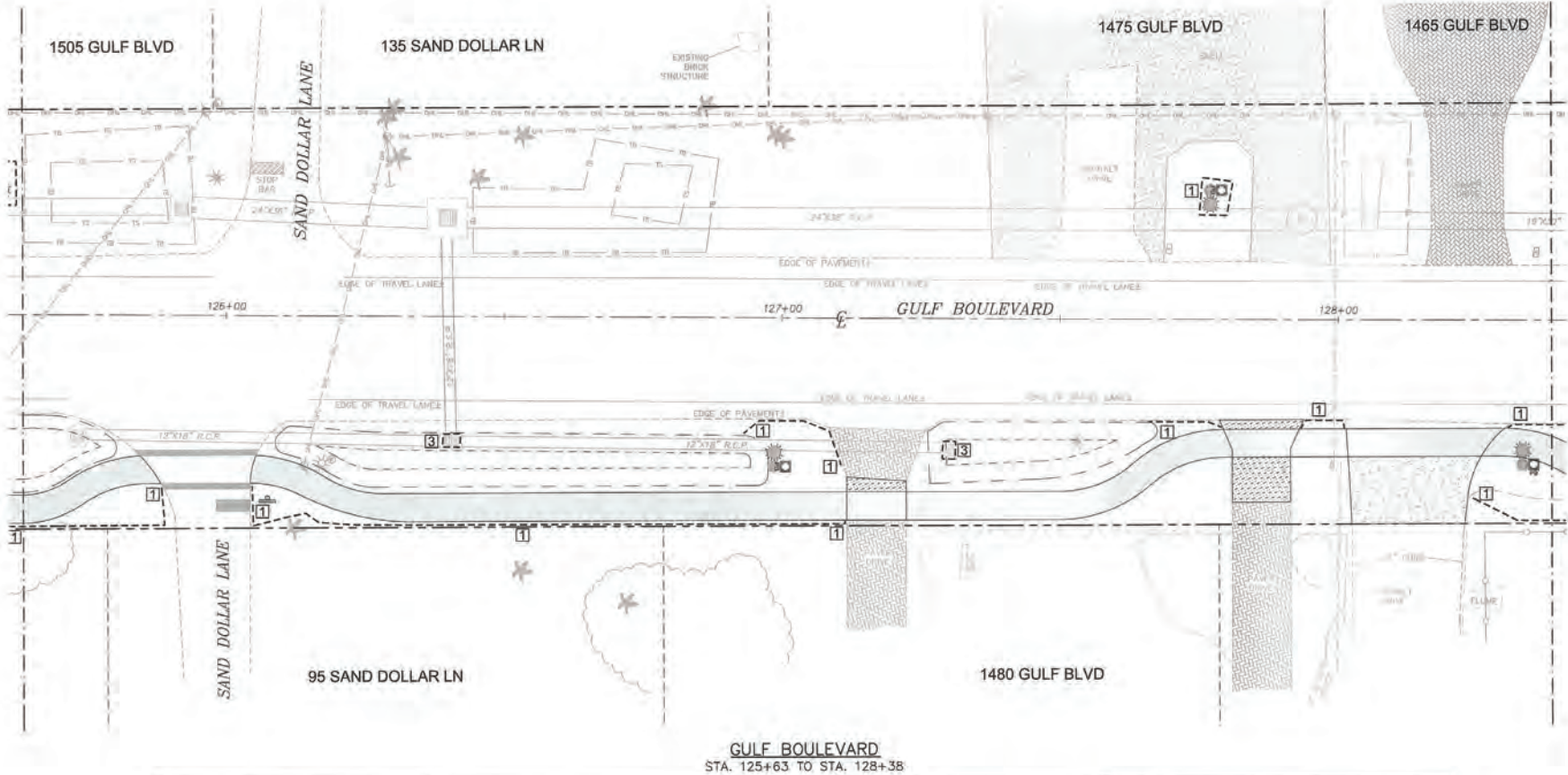
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Job Name:	201 W. MARION AVE. SUITE 1305
Project Name:	PANTA GORDA FLORIDA 33900
Project Address:	941.505.1700

W&E
 WATKINS & ELLIOTT
 201 W. MARION AVE. SUITE 1305
 PANTA GORDA FLORIDA 33900
 941.505.1700

BMP PLAN
STA: 122+88 TO STA: 125+63
GULF BLVD IMPROVEMENTS

Rev.	Date	By	Description
1	01/28/19	JND	ISSUED FOR PERMIT
2	01/28/19	JND	ISSUED FOR PERMIT
3	01/28/19	JND	ISSUED FOR PERMIT





EROSION CONTROL MAINTENANCE SCHEDULE

THE CONTRACTOR SHALL INSTALL SILT FENCE, SYNTHETIC BALES, AND OTHER EROSION CONTROL DEVICES AS SHOWN ON THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION. THESE INSTALLATIONS AS SHOWN ON THE DRAWINGS SHALL BE CONSIDERED THE MINIMUM EROSION/SEDIMENT PROTECTION REQUIRED FOR THE SITE. IN ADDITION THE OWNER, OWNER'S REPRESENTATIVE MAY DEMAND IT NECESSARY TO INSTALL PROTECTIVE FACILITIES ELSEWHERE ON THE SITE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION PROTECTION FACILITIES THROUGHOUT THE PERIOD OF CONSTRUCTION. THE CONTRACTOR SHALL PERFORM ONLY INSPECTIONS OF THE FACILITIES TO ENSURE THE EROSION PROTECTION FACILITIES ARE MAINTAINING THEIR PROTECTIVE FUNCTIONS AND INTEGRITY.

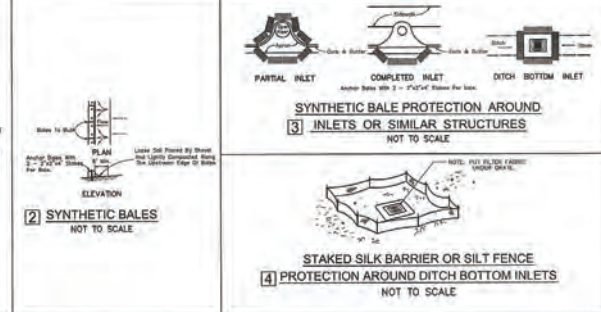
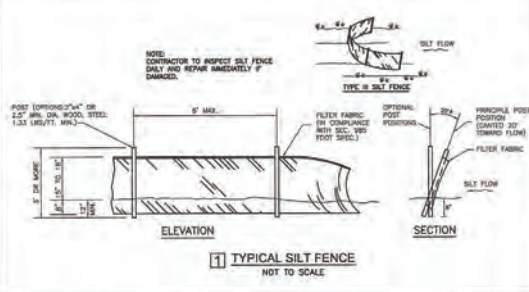
IN ADDITION TO THE INSTALLATION OF EROSION PROTECTION FACILITIES, THE OWNER, OWNER'S REPRESENTATIVE MAY DEMAND IT NECESSARY TO PERFORM TURBIDITY MONITORING. TURBIDITY MONITORING SHALL BE PERFORMED ONLY IF BACKGROUND TURBIDITY LEVELS REACH 25 NTU'S. FOR BACKGROUND TURBIDITY LEVELS LESS THAN 25 NTU'S, TURBIDITY MONITORING SHALL BE 25 NTU'S. ALL CONSTRUCTION ACTIVITIES SHALL STOP AND THE CONTRACTOR SHALL REEVALUATE EROSION PROTECTION NECESSARY TO RETURN LEVELS TO 25 NTU'S OR LESS. CONSTRUCTION ACTIVITIES SHALL BEGIN AGAIN ONLY UPON APPROVAL BY THE OWNER, OWNER'S REPRESENTATIVE.

ALL EROSION PROTECTION FACILITIES SHALL BE REMOVED AFTER CONSTRUCTION COMPLETION, AND WHEN A NEGATIVE COVER HAS BEEN WELL ESTABLISHED OVER THE CONSTRUCTED AREAS PER THE PLANS. THE CONTRACTOR SHALL REMOVE PROTECTION FACILITIES ONLY UPON APPROVAL BY THE OWNER, OWNER'S REPRESENTATIVE.

LEGEND

- BEST MANAGEMENT PRACTICE DETAIL REFERENCE

--- TYPICAL BMP INSTALLATION



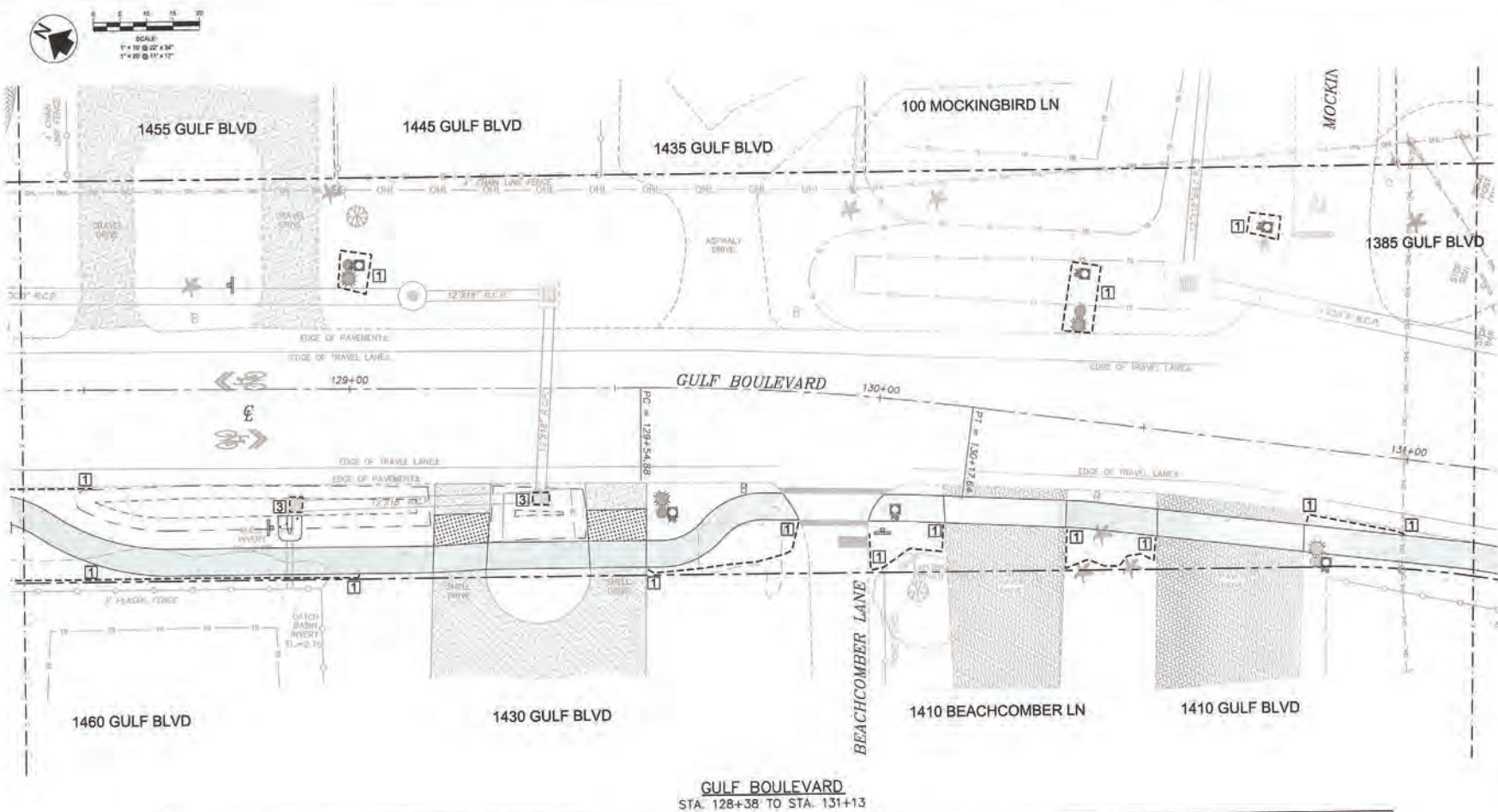
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Project:	14089.002 (130)
Client:	WEC
Address:	201 W. MARION AVE. SUITE 1306 PUNTA GORDA, FL 33950 941.505.1700

BMP PLAN
STA: 125+63 TO STA: 128+38
GULF BLVD IMPROVEMENTS

Rev	Date	Description
1	07/17/18	REVISION: SEE DRAWING COMMENTS #1-2
2	07/26/18	100% READY FOR CONSTRUCTION

Professional Engineer
 Britney K. Williamson
 State of Florida
 Registration No. 88503

Sheet No. **B10**



EROSION CONTROL MAINTENANCE SCHEDULE

THE CONTRACTOR SHALL INSTALL SILT FENCE, SYNTHETIC BALES, AND OTHER EROSION CONTROL DEVICES AS SHOWN ON THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION. THESE INSTALLATIONS AS SHOWN ON THE DRAWINGS SHALL BE CONSIDERED THE MINIMUM EROSION/SILTATION PROTECTION REQUIRED FOR THE SITE. IN ADDITION THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE MAY DEEM IT NECESSARY TO INSTALL PROTECTIVE FACILITIES ELSEWHERE ON THE SITE.

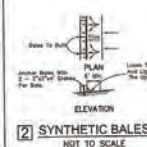
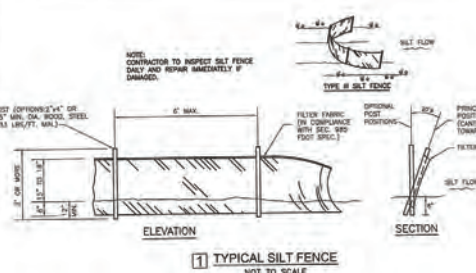
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ERGOSON PROTECTION FACILITIES THROUGHOUT COMPLETION OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE ERGOSON PROTECTION FACILITIES TO MAINTAIN THEIR PROTECTION FUNCTIONS AND INTEGRITY.

IN ADDITION TO THE INSTALLATION OF ERGOSON PROTECTION FACILITIES, THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE MAY DEEM IT NECESSARY, AT ANY TIME, TO REQUIRE THE CONTRACTOR TO MAINTAIN THE ERGOSON PROTECTION FACILITIES BY THE CONTRACTOR. THE MONITORING SHALL BE PERFORMED DAILY IF BACKGROUND THRESHOLD LEVELS REACH 25-29 INITS. FOR BACKGROUND THRESHOLD LEVELS OF 25 INITS OR LESS, THE MONITORING SHALL BE PERFORMED WEEKLY. IF BACKGROUND THRESHOLD LEVELS ARE GREATER THAN 29 INITS, ALL CONSTRUCTION ACTIVITIES SHALL BE STOPPED IMMEDIATELY UNTIL PROTECTION IS RESTORED. IF PROTECTION NECESSARY TO RETURN LEVELS TO 29 INITS OR LESS, CONSTRUCTION ACTIVITIES SHALL BEAR AADP RATES DAILY UPON REPAIRING, BY THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE.

ALL EROSION PROTECTION FACILITIES SHALL BE REMOVED AFTER CONSTRUCTION COMPLETION, AND WHEN A VEGETATIVE COVER HAS BEEN WELL ESTABLISHED OVER THE CONSTRUCTED AREAS. PER THE PLANS: THE CONTRACTOR SHALL REMOVE PROTECTION FACILITIES ONLY UPON APPROVAL BY THE ENGINEER, OWNER, OR OWNER'S REPRESENTATIVE.

LEGEND

- BEST MANAGEMENT PRACTICE DETAIL REFERENCE
 TYPICAL BMP INSTALLATION



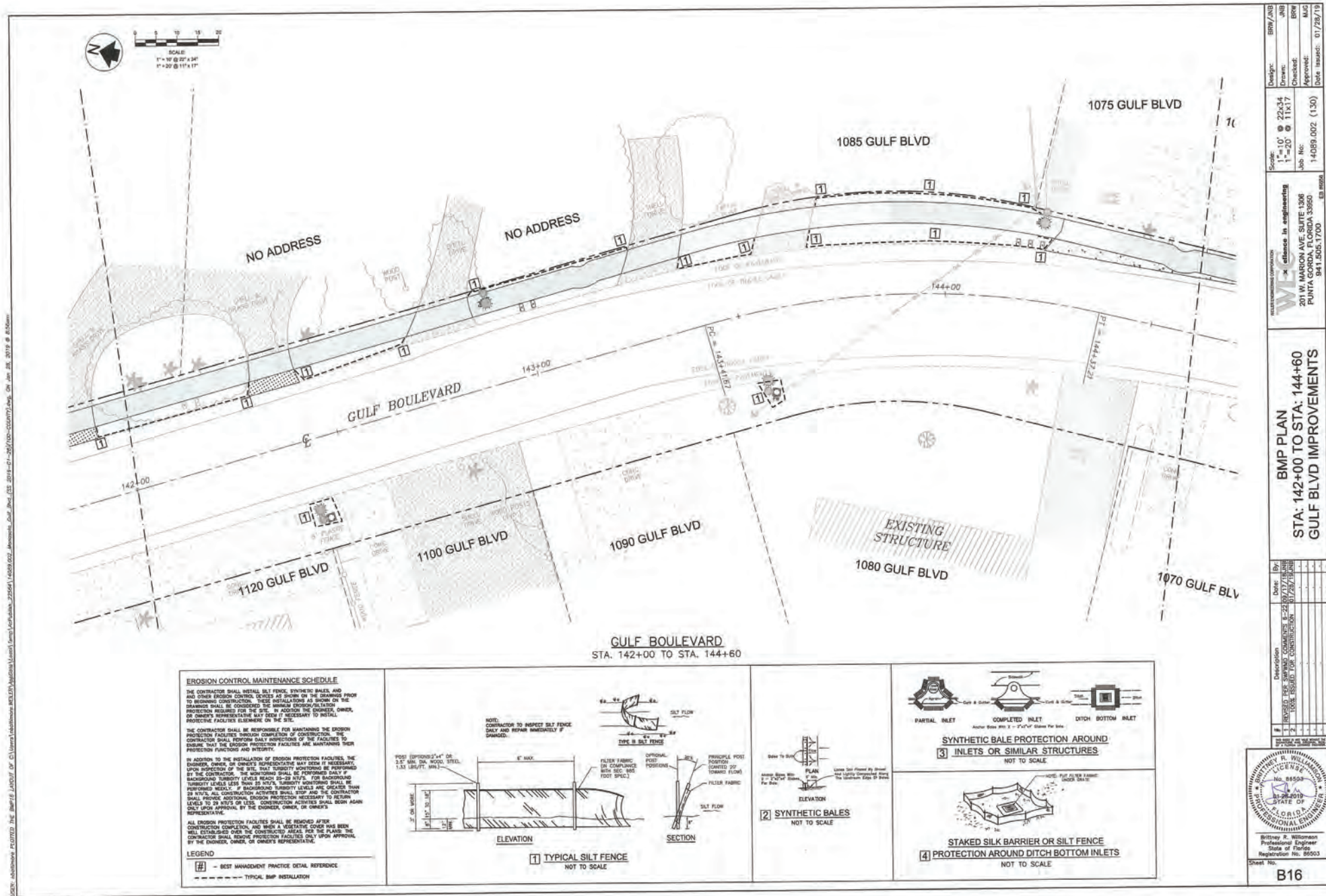
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Job No:	Approved: MJC
14089.002 (130)	Date Issued: 01/28/19

excellence in engineering
201 W. MARION AVE., SUITE 1306
PUNTA GORDA, FLORIDA 33950
941.505.1700

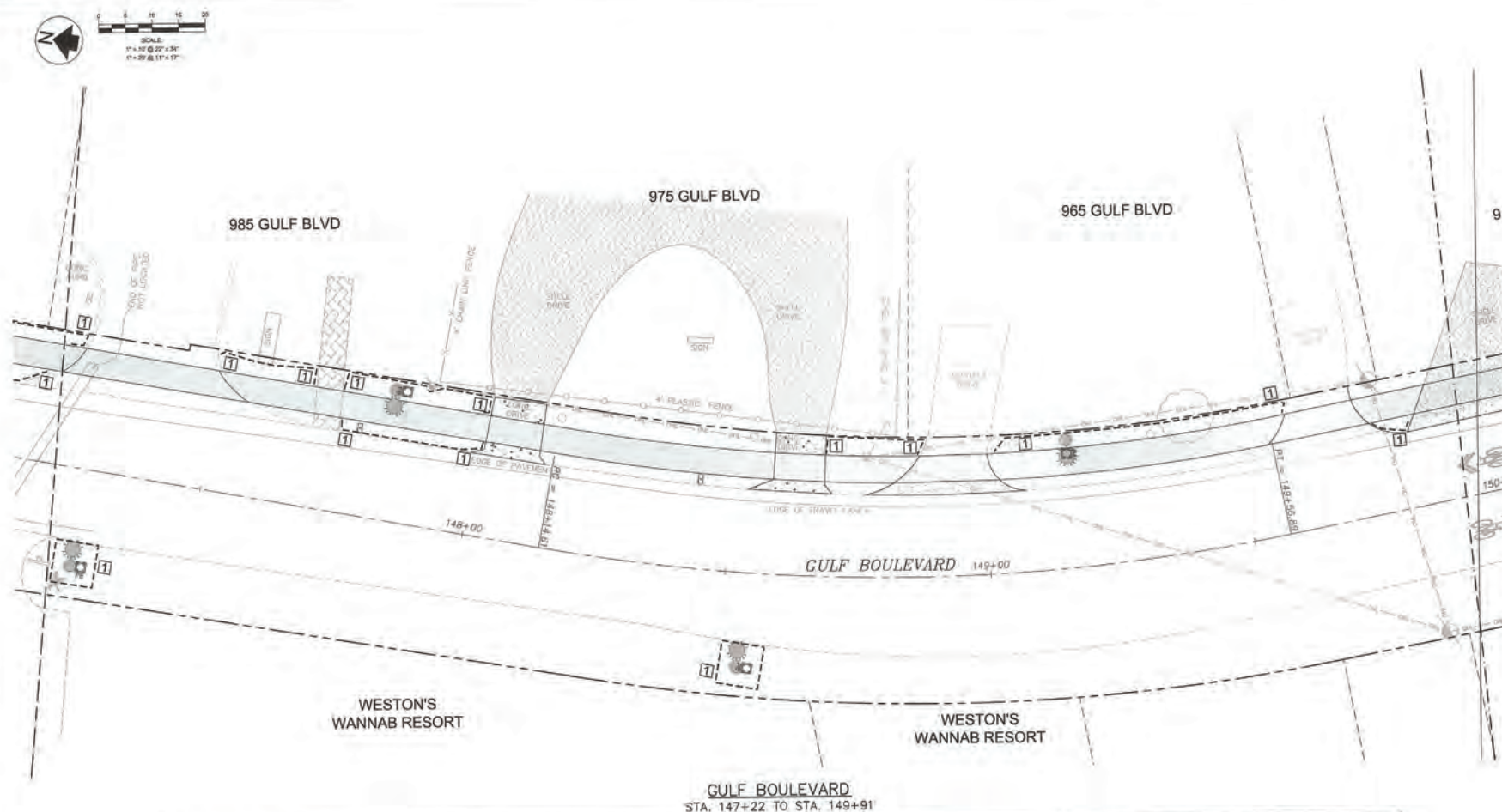
BMP PLAN
STA: 128+38 TO STA: 131+13
GULF BLVD IMPROVEMENTS

#	Description	Date:	By:
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2	100% ISSUED FOR CONSTRUCTION 01/28/10 JNE		
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1			
1			





		BMP PLAN STA: 142+00 TO STA: 144+60 GULF BLVD IMPROVEMENTS				Scale: 1" = 10' 1" = 20' 1" = 11x17		Design: BRW/JNB Drawn: JNB Checked: BRW Approved: MJC Date Issued: 01/28/19	
DATE: 01/28/19 TIME: 11:20 AM PROJECT: 142+00 TO 144+60 IMPROVEMENTS		DATE: 01/28/19 TIME: 11:20 AM PROJECT: 142+00 TO 144+60 IMPROVEMENTS		DATE: 01/28/19 TIME: 11:20 AM PROJECT: 142+00 TO 144+60 IMPROVEMENTS		DATE: 01/28/19 TIME: 11:20 AM PROJECT: 142+00 TO 144+60 IMPROVEMENTS		DATE: 01/28/19 TIME: 11:20 AM PROJECT: 142+00 TO 144+60 IMPROVEMENTS	

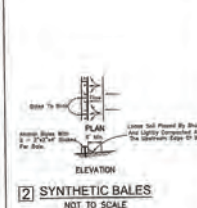
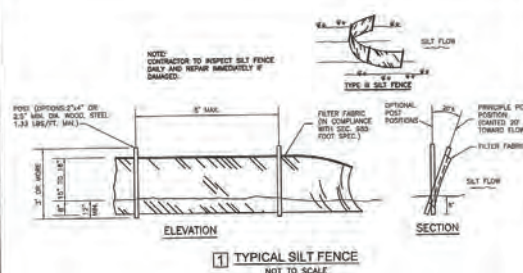


EROSION CONTROL MAINTENANCE SCHEDULE

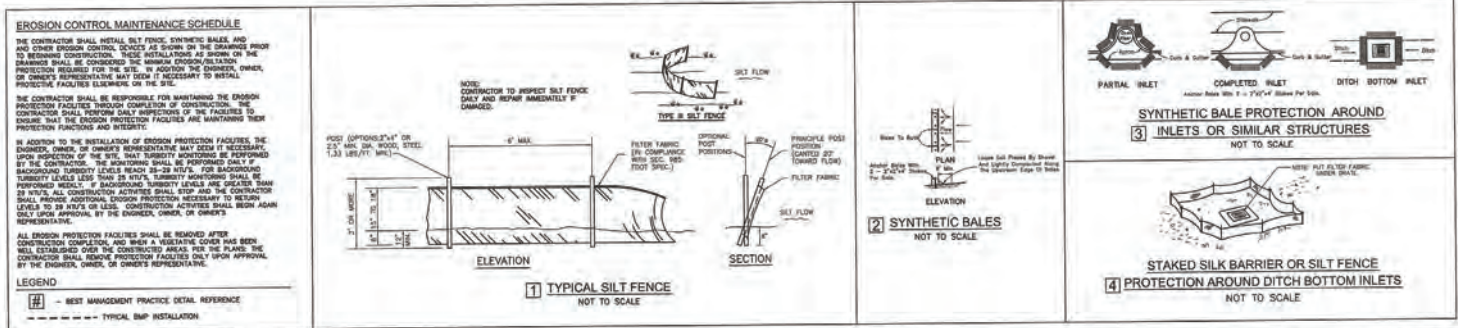
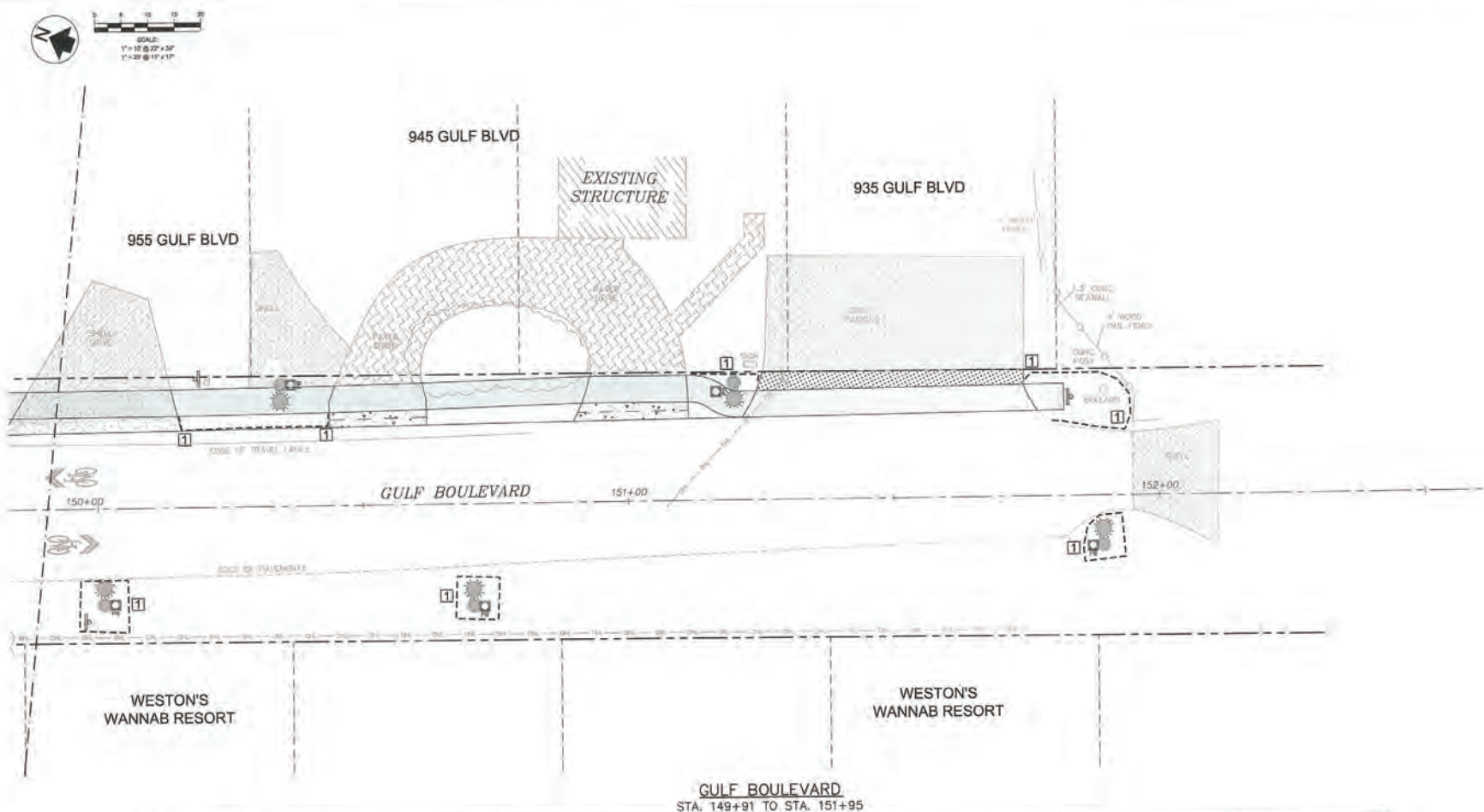
LEGEND

- BEST MANAGEMENT PRACTICE DETAIL REFERENCE

----- TYPICAL BMP INSTALLATION



BMP PLAN		Scale:		Design:	
STA: 147+22 TO STA: 149+91		1"=10'		22.34	
GULF BLVD IMPROVEMENTS		1"=20'		11.17	
				Drawn: JMB Check: EFW Date issued: 01/28/18	
1. REVISION FOR SPECIAL CONSTRUCTION 2. 100% TIE-OUT FOR CONSTRUCTION		Job No: 0889.002 (130) App/rev'd: MJC Date issued: 01/28/18		201 W. MARION AVE SUITE 1300 PUNTA GORDA, FL 33950 888.335.1700	



COMPONENTS OF CONTRACT PLAN SET

LIGHTING PLANS



LIGHTING PLANS
CHARLOTTE COUNTY PUBLIC WORKS
FOR
GULF BOULEVARD IMPROVEMENTS
SECTION 12 & 13, TOWNSHIP 41S, RANGE 19E AND
SECTION 18, TOWNSHIP 41S, RANGE 20E
CHARLOTTE COUNTY, FLORIDA

COUNTY COMMISSIONERS

DISTRICT 1
Ken Doherty

DISTRICT 2
Chris Constance

DISTRICT 3
Bill Truex

DISTRICT 4
Stephen R. Deutsch

DISTRICT 5
Joe Tiseo

INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2	TABULATION OF QUANTITIES
L-3	GENERAL AND PAY ITEM NOTES
L-4	POLE DATA AND LEGEND
L-5	LIGHTING LAYOUT
L-6 - L-14	LIGHTING PLANS
L-15	SERVICE POINT DETAILS
L-16	SPECIAL POLE DETAILS

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION, 2015 DESIGN STANDARDS AND,
REVISED INDEX DRAWINGS AS APPENDED HEREIN, AND 2015 STANDARD
SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS AMENDED BY
CONTRACT DOCUMENTS.

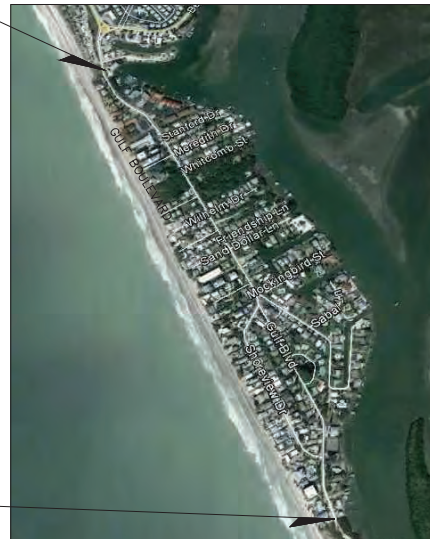
FOR DESIGN STANDARD CLICK ON THE "DESIGN STANDARDS" LINK AT THE
FOLLOWING WEB SITE:
<http://www.dot.state.fl.us/rddesign/>

FOR THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
CLICK ON THE "SPECIFICATIONS" LINK AT THE FOLLOWING WEB SITE:
<http://www.dot.state.fl.us/specificationsoffice/>

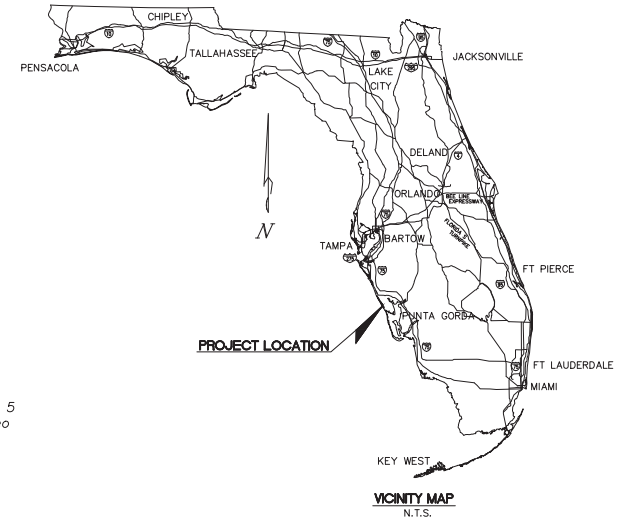
THE CONTRACTOR SHALL COMPLY WITH
THE CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT,
LIGHTING DISTRICT'S SUPPLEMENTAL SPECIFICATIONS
FOR DECORATIVE LIGHTING SYSTEMS CURRENT EDITION,
AS AMENDED BY CONTRACT DOCUMENTS.

BEGIN PROJECT
STA. 10+20

END OF PROJECT
STA. 15+80.41



LOCATION MAP



SHOP DRAWINGS
TO BE SUBMITTED TO:
FLORIDA TRANSPORTATION ENGINEERING INC.
8250 PASCAL DRIVE
PUNTA GORDA, FLORIDA 33950-4726
Phone: (941) 639-2818

PLANS PREPARED BY:



RAVI DEVAGUPTAPU, PE, PTOE
P.E. LICENSE NUMBER 53150
8250 PASCAL DRIVE
PUNTA GORDA, FL. 33950-4726
Phone: (941) 639-2818, EXT 101
Fax: (941) 639-4851
CA No.: 00007924
VENDOR No.: 65-0183924

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.

100% SUBMITTAL
FINAL PLANS

LIGHTING PLANS
ENGINEER OF RECORD: RAVI DEVAGUPTAPU, PE, PTOE

P.E. NO.: 53150

COUNTY PROJECT MANAGER: TARA L. MUSSELMAN

FISCAL YEAR	SHEET NO.
15	L-1

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																												TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			L-5		L-6		L-7		L-8		L-9		L-10		L-11		L-12		L-13		L-14														
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL					
101-1	MOBILIZATION	LS	1																								1		1						
630-2-11	CONDUIT, F&I, OPEN TRENCH (UNDERGROUND) 2" PVC SCH 40	LF	326		108		354		963		520		183		239		386		383								3,462		3,462						
630-2-12	CONDUIT, (F&I), DIRECTIONAL BORE	LF	327		778		771		113		194		646		676		687		651		909						5,752		5,752						
635-2-11	PULL BOX, F&I, COVER SIZE: (13" X 24" X 12") (17" X 30" X 12")	EA	9		7		13 2		11		11		8		8		11 2		8		9						99 4		99 4						
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER BASE PURCHASED BY CONTRACTOR	AS					1										1									2		2							
639-2-1	ELECTRICAL SERVICE WIRE, (F&I)	LF					40										40									80		80							
641-2-12	P-11 SERVICE POLE, 12' HEIGHT, (F&I)	EA					1										1									2		2							
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 6	LF	1,266		548		1,462		3,177		1,864		782		989		1,494		1,405		288					13,275		13,275							
715-4-029	LIGHT POLE COMPLETE, SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, BLACK 12' MOUNTING HEIGHT	EA	9		7		8		7		8		6		7		8		8		9					77		77							
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE W/ TYPE P-II SERVICE POLE, 12' HEIGHT	EA					1										1									2		2							
715-550-000	LIGHT POLE REMOVAL INCLUDES FIXTURE, PEDESTAL ELECTRICAL DISCONNECT, CONDUIT AND CONDUCTOR RELOCATE SIGNS, AS NEEDED	EA	6		1		3		2		2		2		1		3		1		1					22		22							

CLEAR AND GRUB NOTE:
SHOULD THE LIGHTING PROJECT GO TO CONSTRUCTION WITHOUT THE SIDEWALK PROJECT, THE CONTRACTOR SHALL
INCLUDE IN HIS BID A PRICE TO CLEAR AND GRUB THE AREAS NOTED IN THIS PLAN SET.

100% SUBMITTAL
FINAL PLANS

R E V I S I O N S				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTAPU, PE, PTOE P.E. NO: 53150 CA. NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			TABULATION OF QUANTITIES		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						CHARLOTTE				

L-2

GENERAL NOTES

1. ALL ELECTRICAL WORK ASSOCIATED WITH THE INSTALLATION OF A ROADWAY LIGHTING SYSTEM SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC) AND THE CURRENT CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT LIGHTING DISTRICT SUPPLEMENTAL SPECIFICATIONS FOR DECORATIVE LIGHTING SYSTEMS. IT IS THE INTENT OF THE SUPPLEMENT TO DETAIL COUNTY INSTALLATION REQUIREMENTS WHICH EXCEED THE FDOT AND NEC REQUIREMENTS.
THESE SUPPLEMENTAL SPECIFICATIONS CAN BE FOUND AT:
[HTTPS://WWW.CHARLOTTECOUNTYFL.GOV/SERVICES/TRANSPORTATIONENGINEERING/PAGES/SUPPLEMENTAL-SPECIFICATIONS-DECORATIVE-LIGHTING-SYSTEMS.ASPX](https://www.charlottecountyfl.gov/services/transportationengineering/pages/supplemental-specifications-decorative-lighting-systems.aspx)
2. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, EQUIPMENT SPECIFICATIONS FOR ALL MATERIAL PROPOSED FOR THE PROJECT PRIOR TO ANY EQUIPMENT ORDER. SEVEN (7) COPIES OF SHOP DRAWINGS FOR ROADWAY LIGHTING INFRASTRUCTURE EQUIPMENT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD IN ACCORDANCE WITH THE SPECIFICATIONS.
3. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON INFORMATION AS PROVIDED BY UTILITY PROVIDERS. NO SUBSURFACE INVESTIGATION HAS BEEN PERFORMED TO VERIFY VERTICAL OR HORIZONTAL ACCURACY. WHEN NO VERTICAL INFORMATION IS AVAILABLE, 30" OF COVER DEPTH HAD BEEN ASSUMED. THE CONTRACTOR SHALL VERIFY LOCATIONS OF UTILITIES PRIOR TO SUBSURFACE CONSTRUCTION ACTIVITIES. UTILITIES SHALL REMAIN UNLESS OTHERWISE NOTED.
4. MAINTENANCE OF TRAFFIC WILL NOT BE SHOWN ON THE SUMMARY OF PAY ITEMS FOR THE PROJECT; THE COST ASSOCIATED FOR THE MAINTENANCE OF TRAFFIC SHALL BE INCLUDED IN THE OVERALL BID PACKAGE COST.
5. THE CONTRACTOR SHALL NOTIFY SCOTT OVERBAUGH (239) 332-9129 AT FLORIDA POWER AND LIGHT (FPL) AT LEAST 48 HOURS PRIOR TO ANY INSTALLATION THAT IS WITHIN 10 FEET OF AN ENERGIZED ELECTRICAL CONDUCTORS. FPL AT IT'S OPTION SHALL ASSIST THE CONTRACTOR AT THE INSTALLATION SITE, OR TAKE OTHER PRECAUTIONS AS NECESSARY. EXTREME CAUTION SHALL BE EXERCISED AT ALL TIMES IN PERFORMANCE OF WORK AROUND HIGH VOLTAGE COMPONENTS.
6. THE LOCATION OF THE EXISTING AND PROPOSED LIGHT POLES, CONDUCTORS, CONDUITS, PULL BOXES AND SERVICE POLES ARE DIAGRAMMATIC AND MAY BE SHIFTED BY THE ENGINEER TO ACCOMMODATE LOCAL CONDITIONS AND EXISTING UTILITIES.
7. THE CONTRACTOR SHALL HAND DIG THE FIRST FOUR (4) FEET OF THE HOLE FOR THE CONDUIT RUN LOCATIONS AS DETERMINED BY THE ENGINEER, WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO THE CONDUIT RUNS. CONTRACTOR IS RESPONSIBLE FOR ALL UNDER GROUND ITEM CONFLICTS.
8. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL TWO (2) FULL BUSINESS DAYS (10 DAYS IF DIGGING UNDERWATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE. NOTE THAT NOT ALL UTILITY OWNERS ARE MEMBERS OF SUNSHINE ONE CALL.
9. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A TRAFFIC CONTROL PLAN TO THE COUNTY FOR APPROVAL BEFORE COMMENCING ANY WORK. ALL TRAFFIC CONTROL SHALL ADHERE TO FDOT STANDARD INDEX SERIES 600.
10. ALL COMPONENTS SHALL BE PROPERLY GROUNDED AND BONDED PER NEC REQUIREMENTS.
11. THE CONTRACTOR SHALL NOTIFY FPL IN THE EVENT WORK TAKES PLACE WITHIN 10 FEET OF ANY EXISTING OVERHEAD FACILITIES. THE SYSTEM MUST BE DE-ENERGIZED PRIOR TO ANY WORK.

PAY ITEM NOTES:

- ITEM NO. 630-2-11:
SHALL INCLUDE CONDUIT, ELBOWS, SWEEPS, CONNECTING HARDWARE, TRENCHING, AND BACKFILL AS INDICATED IN THE PLANS AND THE CHARLOTTE COUNTY SUPPLEMENTAL SPECIFICATIONS FOR DECORATIVE LIGHTING SYSTEMS. THE LINEAR FOOT PRICE FOR CONDUIT SHALL ALSO INCLUDE THE COST OF RESTORING CUT PAVEMENT, SIDEWALK, SOD, ETC. TO ITS ORIGINAL CONDITION. SOD SHALL BE REPLACED IN LIKE KIND OF THE ADJACENT SURROUNDINGS.
- ITEM NO. 630-2-12:
ALL LIGHTING CONDUITS FOR THE DIRECTION BORE SHALL BE 2" HDPE.
- ITEM NO. 635-2-11:
INCLUDE THE PULL BOX AND COVER AS PER THE PLANS AND STANDARD INDEXES. LABEL "STREET LIGHTING" PROVIDE CONCRETE BASE AROUND ALL PULL BOXES PER FDOT INDEX 17500 SHEET 2 OF 3.
- ITEM NO. 639-1-122:
SHALL INCLUDE CONDUIT, ELECTRIC SERVICE WIRE, METER BASE, SERVICE DISCONNECT, AND SURGE PROTECTIVE DEVICE. THE CONTRACTOR SHALL INCLUDE THE COST TO RESET THE EXISTING PULL BOX AND RE-POUR THE CONCRETE APRON WHERE APPLICABLE. UNDERMINING OF THE EXISTING PULL BOX AND CONCRETE APRON WILL NOT BE PERMITTED.
- ITEM NO. 715-1-12:
SHALL INCLUDE CONDUCTORS AS INDICATED IN THE PLANS AND THE CHARLOTTE COUNTY SUPPLEMENTAL SPECIFICATIONS FOR DECORATIVE LIGHTING SYSTEMS. PAYMENT SHALL BE MADE BASED ON LINEAR FOOT OF SINGLE CONDUCTOR.
- ITEM NO. 715-7-11:
SHALL INCLUDE CABINET ON OPPOSITE SIDE OF METER AT RISER POLE AS WELL AS RIGID CONDUIT AND ALL MISCELLANEOUS HARDWARE FOR A COMPLETE INSTALLATION PER PLANS AND THE CHARLOTTE COUNTY SUPPLEMENTAL SPECIFICATIONS FOR DECORATIVE LIGHTING SYSTEMS. SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING TYPE II (12' HEIGHT) CONCRETE RISER POLE.
- ITEM NO. 715-4-029
LIGHT POLE COMPLETE INCLUDES THE DECORATIVE LUMINAIRE ASSEMBLY CONSISTING OF A "BELL SHAPED" CYCLONE, DOMIA CY55P1A-FGC-4 100W LED LUMINAIRE WITH AMBER SCREEN OR EQUIVALENT. ITEM NUMBER SHALL ALSO INCLUDE A BRACKET ARM AND DECORATIVE POLE NON-TAPERED WITH DECORATIVE BASE. FOR MOUNTING HEIGHT AND DETAILS REFER TO POLE DATA AND LEGEND SHEET. THE CONTRACTOR SHALL PROVIDE A POLE SUITED TO MEET THE MOUNTING HEIGHT. LIGHT POLE BASES SHALL INCLUDE BREAKAWAY COUPLES WITH SKIRT AND SCREW-IN FOUNDATION.

UTILITY AGENCY OWNER CONTACT INFORMATION

WATER & SANITARY SEWER:
ENGLEWOOD WATER DISTRICT
201 SELMA AVENUE
ENGLEWOOD, FL
PHONE: (813) 474-3217

CABLE TELEVISION:
COMCAST CABLE OF WEST FL.
DAVID STEPHENSON
5205 FRUITVILLE ROAD
SARASOTA, FLORIDA 34232
PHONE: (941) 342-2112
david_stephenson@cable.comcast.com

TECO/PEOPLES GAS:
MARILYN DALOI
5901 ENTERPRISE PARKWAY
FORT MYERS, FL 33905
PHONE: (239) 896-0812
m.daloi@tecoenergy.com

CENTURY LINK:
JAN GLOCKENGIESER
4195 KINGS HIGHWAY
PORT CHARLOTTE, FLORIDA 33980
PHONE: (941) 380-2726
EMAIL: Jan.Glockengieser@centurylink.com

ELECTRIC:
FLORIDA POWER & LIGHT CO.
SCOTT OVERBAUGH
2425 THOMPSON STREET
FORT MYERS, FL 33906
PHONE: (239) 332-9129
EMAIL: S.OVERBAUGH@fpl.com

TRAFFIC SIGNAL/ STREET LIGHTING
CHARLOTTE COUNTY PUBLIC WORKS
LIGHTING DISTRICT:
ANDY AMENDOLA
7000 FLORIDA STREET
PUNTA GORDA, FLORIDA 33950-5798
PHONE: (941) 575-3648
EMAIL: Andy.Amendola@charlottelf.com



Know what's below.
Call before you dig.

100% SUBMITTAL
FINAL PLANS

R E V I S I O N S				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTAPU, PE, PTOE P.E. NO: 53150 CA NO.: 000079224	CHARLOTTE COUNTY PUBLIC WORKS			GENERAL AND PAY ITEM NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			L-3

POLE DATA

POLE NO.	CIRCUIT	STATION	ARM LENGTH	LUMINAIRE WATTAGE	MOUNTING HEIGHT	POLE SETBACK (1)	PAY ITEM
1	A-3	101+52.00 @ GULF BLVD.	2.33'	100W	12'	19.0' RT.	715-4-029
2	A-3	102+12.00 @ GULF BLVD.	2.33'	100W	12'	14.0' RT.	715-4-029
3	A-3	102+71.00 @ GULF BLVD.	2.33'	100W	12'	11.0' RT.	715-4-029
4	A-3	103+32.00 @ GULF BLVD.	2.33'	100W	12'	14.0' RT.	715-4-029
5	A-3	103+90.00 @ GULF BLVD.	2.33'	100W	12'	9.0' RT.	715-4-029
6	A-3	104+45.00 @ GULF BLVD.	2.33'	100W	12'	4.5' RT.	715-4-029
7	A-1	105+08.50 @ GULF BLVD.	2.33'	100W	12'	15.0' LT.	715-4-029
8	A-3	105+78.00 @ GULF BLVD.	2.33'	100W	12'	12.0' RT.	715-4-029
9	A-1	106+35.00 @ GULF BLVD.	2.33'	100W	12'	5.0' LT.	715-4-029
10	A-3	106.80.00 @ GULF BLVD.	2.33'	100W	12'	13.0' RT.	715-4-029
11	A-1	107+60.00 @ GULF BLVD.	2.33'	100W	12'	5.0' LT.	715-4-029
12	A-3	108+27.00 @ GULF BLVD.	2.33'	100W	12'	11.0' RT.	715-4-029
13	A-1	109+10.00 @ GULF BLVD.	2.33'	100W	12'	6.0' LT.	715-4-029
14	A-3	109+88.00 @ GULF BLVD.	2.33'	100W	12'	10.0' RT.	715-4-029
15	A-1	110+60.00 @ GULF BLVD.	2.33'	100W	12'	7.0' LT.	715-4-029
16	A-3	111+02.00 @ GULF BLVD.	2.33'	100W	12'	21.0' RT.	715-4-029
17	A-3	111+76.00 @ GULF BLVD.	2.33'	100W	12'	6.5' RT.	715-4-029
18	A-2	112+36.00 @ GULF BLVD.	2.33'	100W	12'	4.0' LT.	715-4-029
19	A-4	112+66.00 @ GULF BLVD.	2.33'	100W	12'	6.0' RT.	715-4-029
20	A-2	113+73.00 @ GULF BLVD.	2.33'	100W	12'	10.0' LT.	715-4-029
21	A-4	114+27.00 @ GULF BLVD.	2.33'	100W	12'	5.0' RT.	715-4-029
22	A-2	115+27.00 @ GULF BLVD.	2.33'	100W	12'	3.0' LT.	715-4-029
23	A-4	115+81.00 @ GULF BLVD.	2.33'	100W	12'	4.0' RT.	715-4-029
24	A-2	116+28.00 @ GULF BLVD.	2.33'	100W	12'	5.0' LT.	715-4-029
25	A-4	117+09.00 @ GULF BLVD.	2.33'	100W	12'	4.0' RT.	715-4-029
26	A-2	117+93.00 @ GULF BLVD.	2.33'	100W	12'	6.0' LT.	715-4-029
27	A-4	118+61.00 @ GULF BLVD.	2.33'	100W	12'	4.0' RT.	715-4-029
28	A-2	119+36.00 @ GULF BLVD.	2.33'	100W	12'	6.0' LT.	715-4-029
29	A-4	120+06.00 @ GULF BLVD.	2.33'	100W	12'	7.0' RT.	715-4-029
30	A-2	120+51.00 @ GULF BLVD.	2.33'	100W	12'	6.0' LT.	715-4-029
31	A-4	121+30.00 @ GULF BLVD.	2.33'	100W	12'	6.0' RT.	715-4-029
32	A-2	122+16.00 @ GULF BLVD.	2.33'	100W	12'	5.0' LT.	715-4-029
33	A-4	122+83.00 @ GULF BLVD.	2.33'	100W	12'	9.0' RT.	715-4-029
34	A-2	123+47.00 @ GULF BLVD.	2.33'	100W	12'	12.0' LT.	715-4-029
35	A-4	124+10.00 @ GULF BLVD.	2.33'	100W	12'	6.0' RT.	715-4-029
36	A-2	124+76.00 @ GULF BLVD.	2.33'	100W	12'	5.0' LT.	715-4-029
37	A-4	125+36.00 @ GULF BLVD.	2.33'	100W	12'	5.0' RT.	715-4-029
38	A-2	125+60.00 @ GULF BLVD.	2.33'	100W	12'	14.0' LT.	715-4-029
39	B-3	126+99.00 @ GULF BLVD.	2.33'	100W	12'	9.0' RT.	715-4-029
40	B-1	127+77.00 @ GULF BLVD.	2.33'	100W	12'	12.0' LT.	715-4-029
41	B-3	128+33.00 @ GULF BLVD.	2.33'	100W	12'	9.0' RT.	715-4-029
42	B-1	129+00.00 @ GULF BLVD.	2.33'	100W	12'	12.0' LT.	715-4-029
43	B-3	129+59.00 @ GULF BLVD.	2.33'	100W	12'	6.0' RT.	715-4-029
44	B-1	130+35.00 @ GULF BLVD.	2.33'	100W	12'	4.0' LT.	715-4-029
45	B-3	131+12.00 @ GULF BLVD.	2.33'	100W	12'	9.0' RT.	715-4-029
46	B-3	131+78.00 @ GULF BLVD.	2.33'	100W	12'	12.0' RT.	715-4-029
47	B-3	132+56.00 @ GULF BLVD.	2.33'	100W	12'	17.0' RT.	715-4-029
48	B-1	133+12.00 @ GULF BLVD.	2.33'	100W	12'	3.0' LT.	715-4-029
49	B-3	133+83.00 @ GULF BLVD.	2.33'	100W	12'	5.0' RT.	715-4-029
50	B-1	134+63.00 @ GULF BLVD.	2.33'	100W	12'	5.0' LT.	715-4-029
51	B-3	135+50.00 @ GULF BLVD.	2.33'	100W	12'	2.0' RT.	715-4-029
52	B-1	136+28.00 @ GULF BLVD.	2.33'	100W	12'	11.0' LT.	715-4-029
53	B-3	137+13.00 @ GULF BLVD.	2.33'	100W	12'	1.5' RT.	715-4-029

Note 1: Pole setback from edge of pavement

POLE DATA

POLE NO.	CIRCUIT	STATION	ARM LENGTH	LUMINAIRE WATTAGE	MOUNTING HEIGHT	POLE SETBACK (1)	PAY ITEM
54	B-1	137+84.00 @ GULF BLVD.	2.33'	100W	12'	6.5' LT.	715-4-029
55	B-4	138+22.00 @ GULF BLVD.	2.33'	100W	12'	9.0' RT.	715-4-029
56	B-4	139+05.00 @ GULF BLVD.	2.33'	100W	12'	9.0' RT.	715-4-029
57	B-4	139+84.00 @ GULF BLVD.	2.33'	100W	12'	9.0' RT.	715-4-029
58	B-2	140+60.00 @ GULF BLVD.	2.33'	100W	12'	12.0' LT.	715-4-029
59	B-4	141+44.00 @ GULF BLVD.	2.33'	100W	12'	5.5' RT.	715-4-029
60	B-2	141+71.00 @ GULF BLVD.	2.33'	100W	12'	9.0' LT.	715-4-029
61	B-4	142+41.00 @ GULF BLVD.	2.33'	100W	12'	5.0' RT.	715-4-029
62	B-2	142+90.00 @ GULF BLVD.	2.33'	100W	12'	8.0' LT.	715-4-029
63	B-4	143+55.00 @ GULF BLVD.	2.33'	100W	12'	7.0' RT.	715-4-029
64	B-2	144+20.00 @ GULF BLVD.	2.33'	100W	12'	6.0' LT.	715-4-029
65	B-4	145+22.00 @ GULF BLVD.	2.33'	100W	12'	7.0' RT.	715-4-029
66	B-2	145+75.00 @ GULF BLVD.	2.33'	100W	12'	10.0' LT.	715-4-029
67	B-4	146+28.00 @ GULF BLVD.	2.33'	100W	12'	7.0' RT.	715-4-029
68	B-2	146+78.00 @ GULF BLVD.	2.33'	100W	12'	4.0' LT.	715-4-029
69	B-4	147+28.00 @ GULF BLVD.	2.33'	100W	12'	5.0' RT.	715-4-029
70	B-2	147+84.00 @ GULF BLVD.	2.33'	100W	12'	12.0' LT.	715-4-029
71	B-4	148+54.00 @ GULF BLVD.	2.33'	100W	12'	5.0' RT.	715-4-029
72	B-2	149+16.00 @ GULF BLVD.	2.33'	100W	12'	9.0' LT.	715-4-029
73	B-4	150+01.00 @ GULF BLVD.	2.33'	100W	12'	5.0' RT.	715-4-029
74	B-2	150+30.00 @ GULF BLVD.	2.33'	100W	12'	6.0' LT.	715-4-029
75	B-4	150+71.00 @ GULF BLVD.	2.33'	100W	12'	7.5' RT.	715-4-029
76	B-2	151+20.00 @ GULF BLVD.	2.33'	100W	12'	5.0' LT.	715-4-029
77	B-4	151+89.00 @ GULF BLVD.	2.33'	100W	12'	6.0' RT.	715-4-029

LEGEND

DESCRIPTION

100 WATT LED LUMINAIRE. SEE POLE DATA SHEET.

INTEGRAL REGULATOR TYPE BALLAST WIRED FOR 240 VOLT OPERATION. POLE MOUNTING HEIGHT 12 FT.

OPTICAL ASSEMBLY SHALL BE A CYCLONE DOWIA CYS5P1A-PSC-4 W/AMBER SCREEN. TYPE III

FULL CUT-OFF (ASYMMETRICAL) SMARTSEAL SYSTEM OR "COUNTY" APPROVED EQUIVALENT.

THE LIGHT POLES, OPTICAL ASSEMBLY AND BRACKET SHALL BE BLACK WITH A TEXTURED

POLYESTER POWDER COAT FINISH. REFER TO SPECIAL POLE DETAILS. STEEL SCREWS WITH BREAKAWAY COUPLERS SHALL BE INCLUDED WITH THE BASE ALONG WITH A SKIRT.

2" SCHEDULE 40 PVC UNDERGROUND CONTINUOUS CONDUIT (GRAY) WITH #6 AWG-THHN OR THWN CONDUCTORS INSIDE AS SHOWN.

2" HDPE DIRECTIONAL BORE CONTINUOUS CONDUIT WITH TRACER WIRE.

PULL BOX (ROADWAY LIGHTING). FOR SPECIFICATIONS SEE FDOT INDEX NO. 17500. ALSO SEE SECTION 635 OF FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT CHARLOTTE COUNTY SUPPLEMENTAL SPECIFICATIONS FOR DECORATIVE LIGHTING SYSTEMS. A PULL BOX IS MOUNTED AS DEPICTED ON THE PLANS. PULL BOXES SHALL BE QUAZITE PART NO. PG1324BA12 (13"W X 24"L X 12"D). PULL BOXES BY EACH LOAD CENTER SHALL BE QUAZITE PART #PG1730BA12 (17"W X 30"L X 12"D).

LOAD CENTER. FOR SPECIFICATIONS, ALL ASPECTS OF THE ELECTRICAL SERVICE POINT SHALL CONFORM TO THE CURRENT CHARLOTTE COUNTY LIGHTING DISTRICT SUPPLEMENTAL SPECIFICATIONS FOR DECORATIVE LIGHTING SYSTEMS AND SECTION 715 OF FDOT THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL LOAD CENTERS SHALL BE METERED AND SHALL INCLUDE A SERVICE POLE.

FOR REQUIREMENTS SEE INDEX NO. 17504 OF THE FDOT DESIGN STANDARDS. ELECTRICAL SERVICE POINT SHALL BE FURNISHED BY FLORIDA POWER AND LIGHT (FPL) WHO WILL PROVIDE SECONDARY VOLTAGE OF 240 VOLT PHASE TO GROUND, 3-WIRE UNDERGROUND SERVICE CONNECTOR.

Photometric Calculation Summary

GULF BLVD, CHARLOTTE COUNTY

Label	Roadway Standard	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	LVRatio
GULF BLVD NORTH	IES R-8-14	Illuminance	Fc	1.39	4.0	0.2	6.95	20.00	N.A.
GULF BLVD SOUTH	IES R-8-14	Illuminance	Fc	1.30	3.5	0.2	6.50	17.50	N.A.
NEW SOUTH PART OF GULF BLVD		Illuminance	Fc	1.54	4.2	0.4	3.85	10.50	N.A.

DECORATIVE LIGHTING
DESIGN CRITERIA

Average Initial Intensity 1.0 Foot Candles
 Uniformity Ratio Avg./Min. 4:1 Or Less
 Max./Min. 10:1 Or Less
 Wind Speed 130 MPH

100% SUBMITTAL
FINAL PLANS

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

FLORIDA TRANSPORTATION ENGINEERING, INC
 8250 PASCAL DRIVE
 PUNTA GORDA, FLORIDA 33950
 PHONE: (941) 639-2818
 FAX: (941) 639-4651
 RAY DEVAGUPTAPU, PE, PTOE
 P.E. NO: 53150
 CA NO.: 00007924

CHARLOTTE COUNTY PUBLIC WORKS

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	CHARLOTTE	

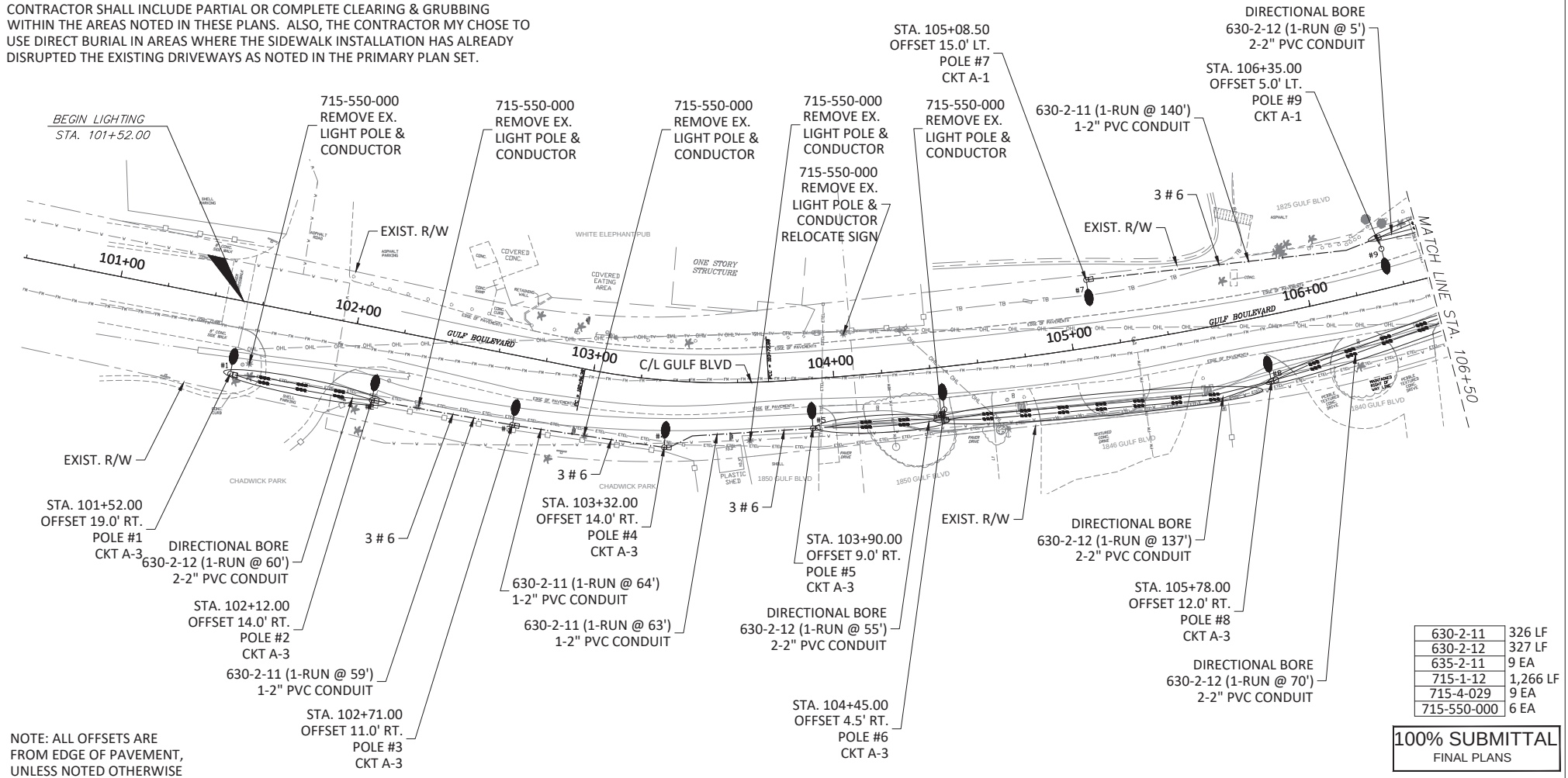
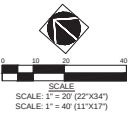
POLE DATA AND LEGEND

SHEET
NO.

L-4

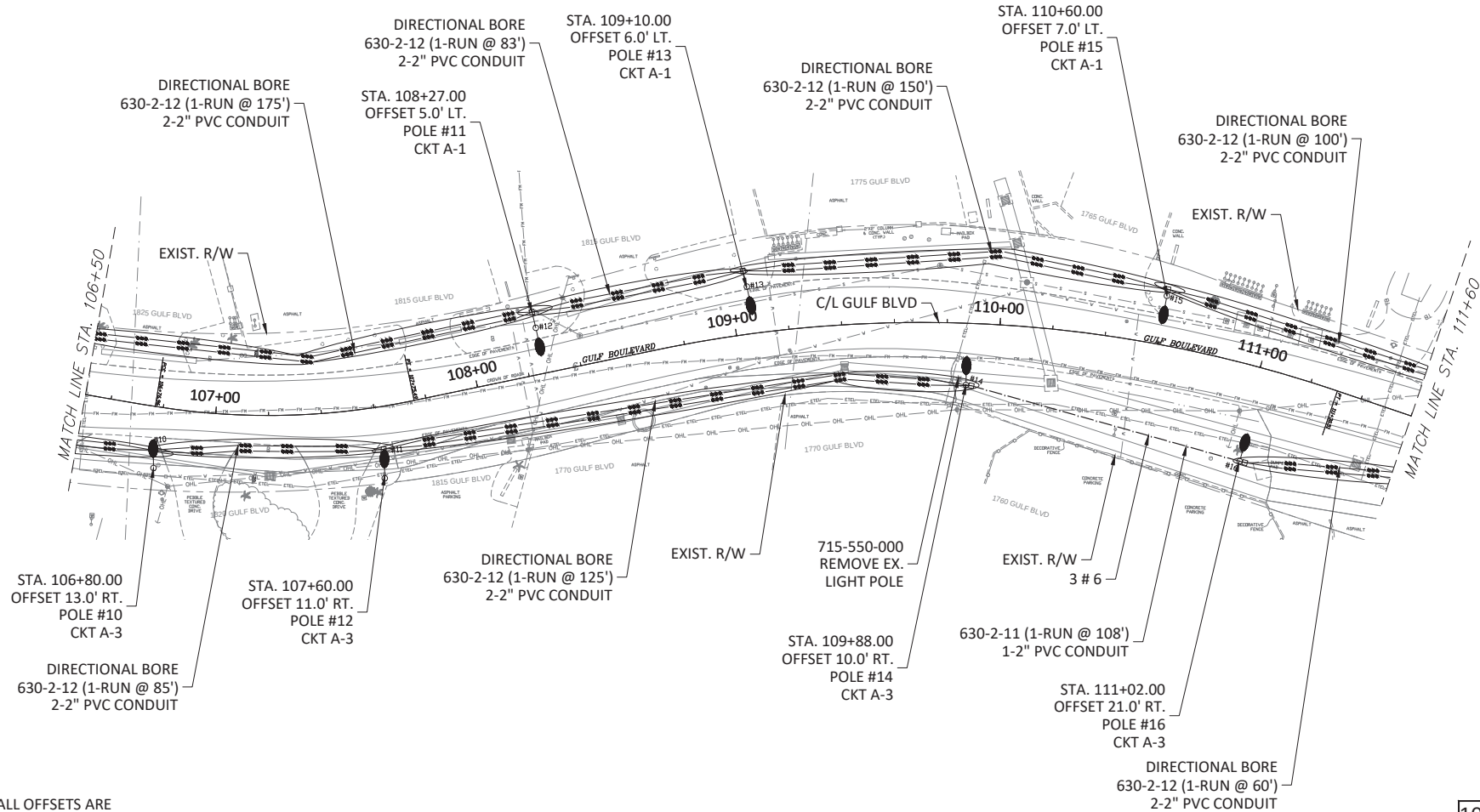
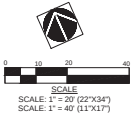
CONSTRUCTION NOTES:
 LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID UNFORESEEN UTILITY & DRAINAGE CONFLICTS. ADJUSTMENTS MUST BE APPROVED BY THE PROJECT MANAGER AND EOR AND SHALL BE LIMITED TO THE IMMEDIATE AREA SPECIFIED IN THESE PLANS.

PLAN NOTE:
 THIS PROJECT IS A COMPONENT PLAN SET ACCOMPANYING THE INSTALLATION OF A SIDEWALK. SHOULD THE LIGHTING PROJECT BE LET AS A STAND ALONE PROJECT, THE CONTRACTOR SHALL INCLUDE PARTIAL OR COMPLETE CLEARING & GRUBBING WITHIN THE AREAS NOTED IN THESE PLANS. ALSO, THE CONTRACTOR MAY CHOOSE TO USE DIRECT BURIAL IN AREAS WHERE THE SIDEWALK INSTALLATION HAS ALREADY DISRUPTED THE EXISTING DRIVEWAYS AS NOTED IN THE PRIMARY PLAN SET.



SHEET NO.
L-5

CONSTRUCTION NOTES:
 LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID
 UNFORESEEN UTILITY & DRAINAGE CONFLICTS. ADJUSTMENTS MUST BE APPROVED
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 AREA SPECIFIED IN THESE PLANS.



NOTE: ALL OFFSETS ARE
 FROM EDGE OF PAVEMENT,
 UNLESS NOTED OTHERWISE

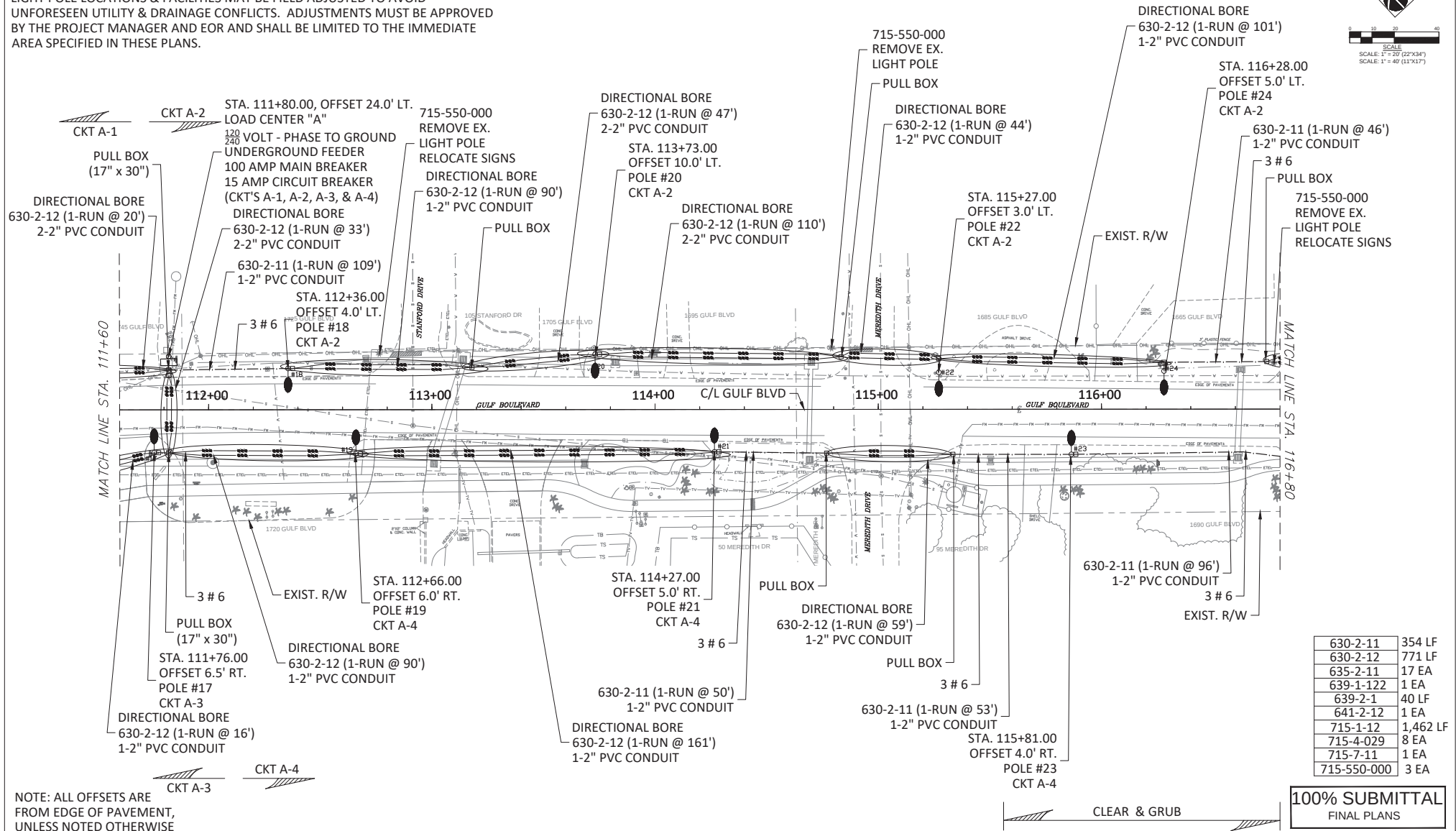
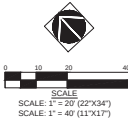
630-2-11	108 LF
630-2-12	778 LF
635-2-11	7 EA
715-1-12	548 LF
715-4-029	7 EA
715-550-000	1 EA

100% SUBMITTAL
 FINAL PLANS

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVGUPTAPU, PE, PTDE P.E. NO: 53150 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 106+50 TO STA. 111+60	SHEET NO. L-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

CONSTRUCTION NOTES:

LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID UNFORESEEN UTILITY & DRAINAGE CONFLICTS. ADJUSTMENTS MUST BE APPROVED BY THE PROJECT MANAGER AND EOR AND SHALL BE LIMITED TO THE IMMEDIATE AREA SPECIFIED IN THESE PLANS.



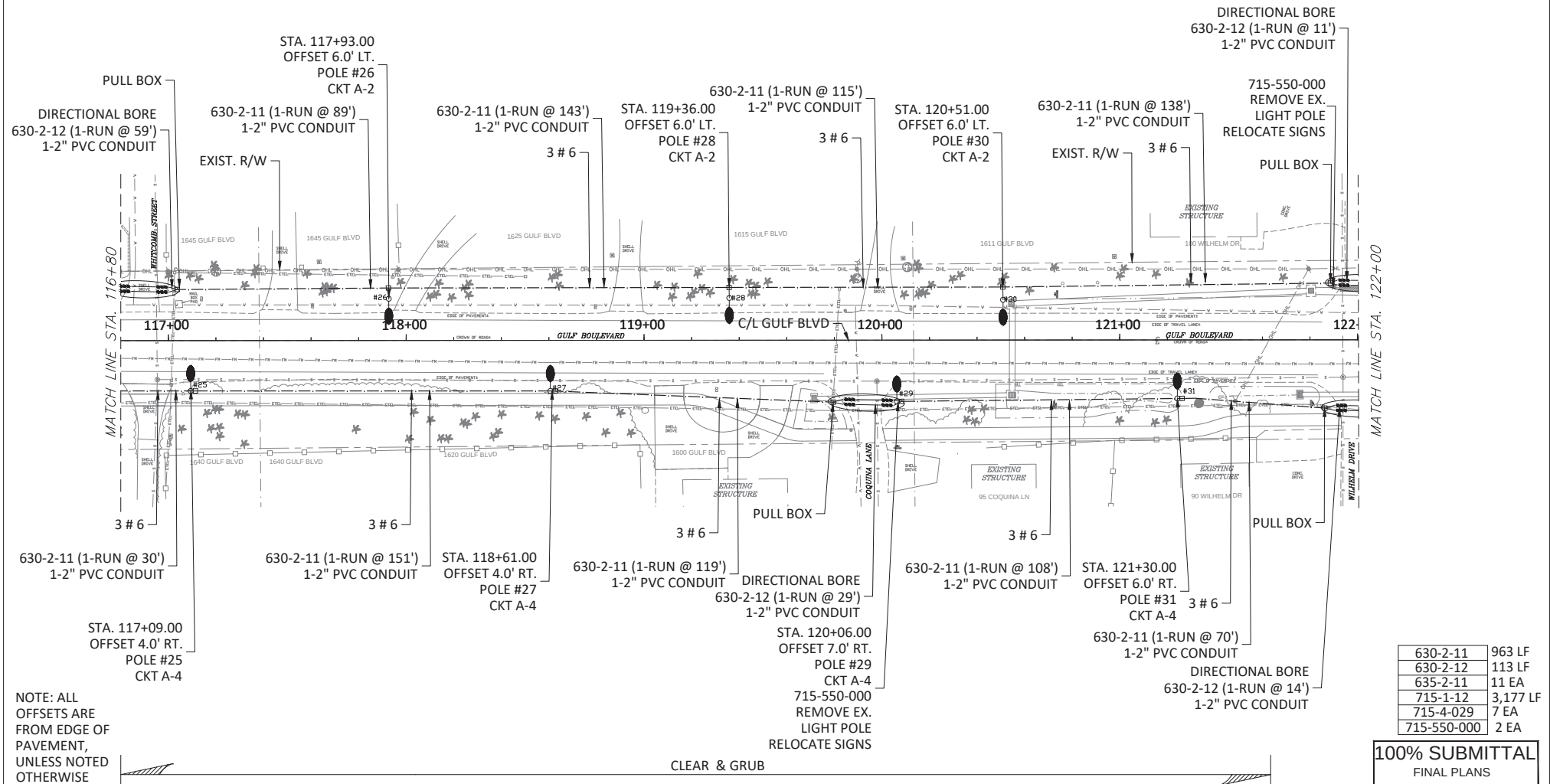
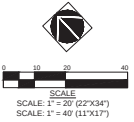
NOTE: ALL OFFSETS ARE FROM EDGE OF PAVEMENT, UNLESS NOTED OTHERWISE

630-2-11	354 LF
630-2-12	771 LF
635-2-11	17 EA
639-1-122	1 EA
639-2-1	40 LF
641-2-12	1 EA
715-1-12	1,462 LF
715-4-029	8 EA
715-7-11	1 EA
715-550-000	3 EA

100% SUBMITTAL
FINAL PLANS

REVISIONS				FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTAPU, PE, PTCE P.E. NO: 53150 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 111+60 TO STA. 116+80	SHEET NO. L-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID UNFORESEEN UTILITY & DRAINAGE CONFLICTS. ADJUSTMENTS MUST BE APPROVED BY THE PROJECT MANAGER AND EOR AND SHALL BE LIMITED TO THE IMMEDIATE AREA SPECIFIED IN THESE PLANS.

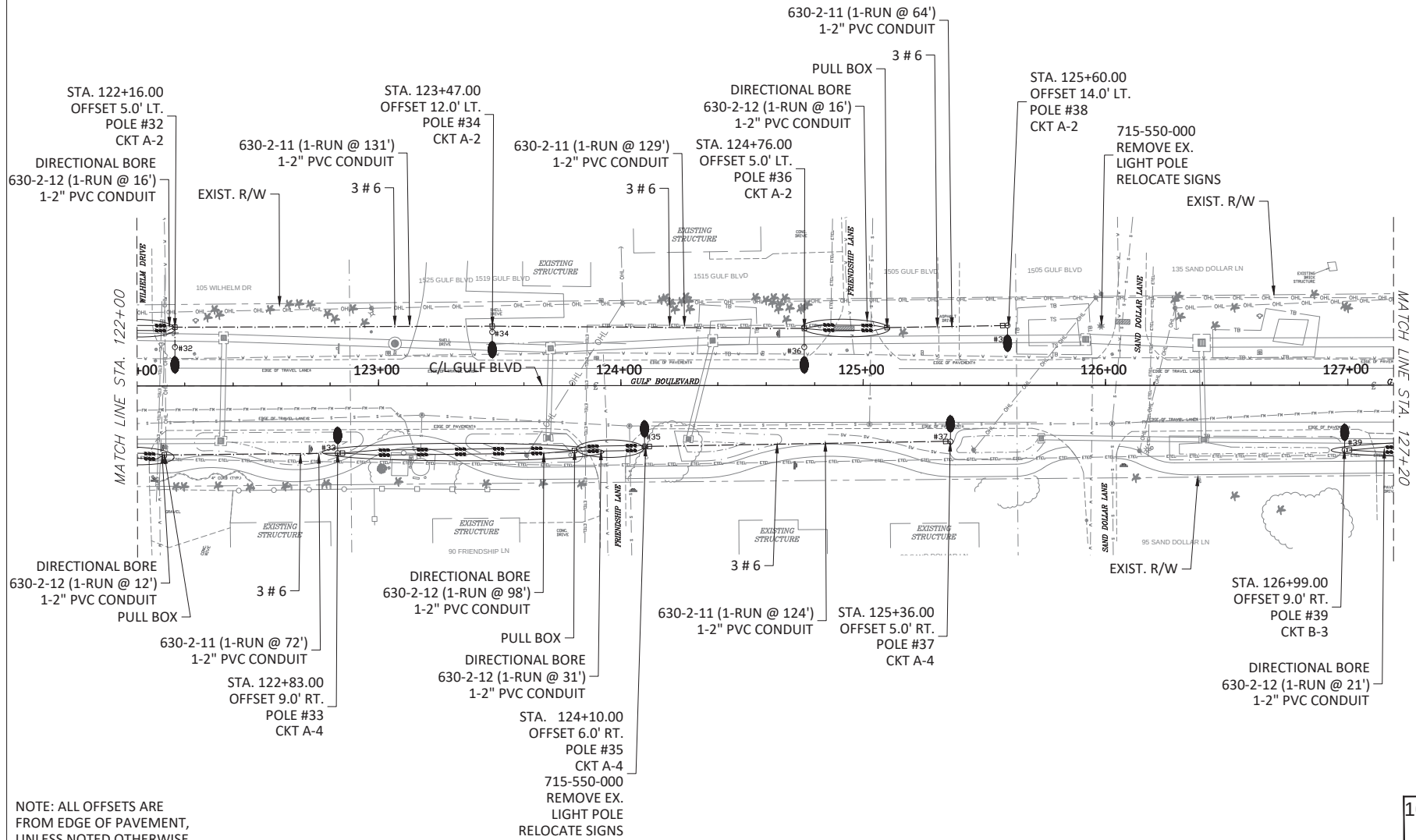
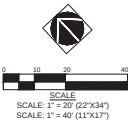


630-2-11	963 LF
630-2-12	113 LF
635-2-11	11 EA
715-1-12	3,177 LF
715-4-029	7 EA
715-550-000	2 EA

100% SUBMITTAL
FINAL PLANS

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGURUPU, PE, PTOE P.E. NO: 53150 CA. NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 116+80 TO STA. 122+00	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

CONSTRUCTION NOTES:
 LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID
 UNFORESEEN UTILITY & DRAINAGE CONFLICTS. ADJUSTMENTS MUST BE APPROVED
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 AREA SPECIFIED IN THESE PLANS.



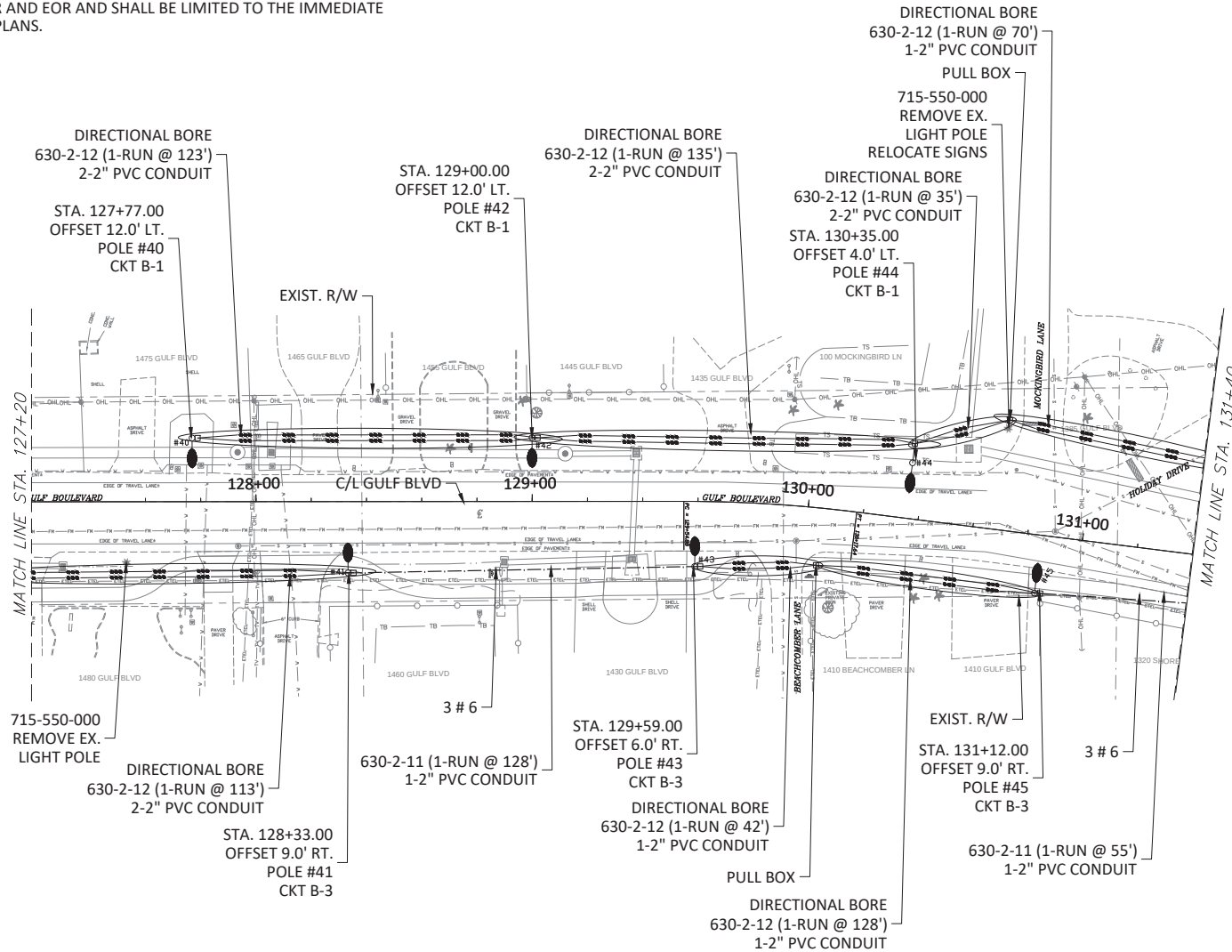
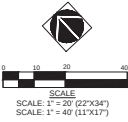
NOTE: ALL OFFSETS ARE
 FROM EDGE OF PAVEMENT,
 UNLESS NOTED OTHERWISE

630-2-11	520 LF
630-2-12	194 LF
635-2-11	11 EA
715-1-12	1,864 LF
715-4-029	8 EA
715-550-000	2 EA

100% SUBMITTAL
 FINAL PLANS

REVISIONS				FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (841) 639-2818 FAX: (841) 639-4851 RAVI DEVAGUPTAPU, PE, PTOE P.E. NO: 53150 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 122+00 TO STA. 127+20	SHEET NO. L-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

CONSTRUCTION NOTES:
 LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID
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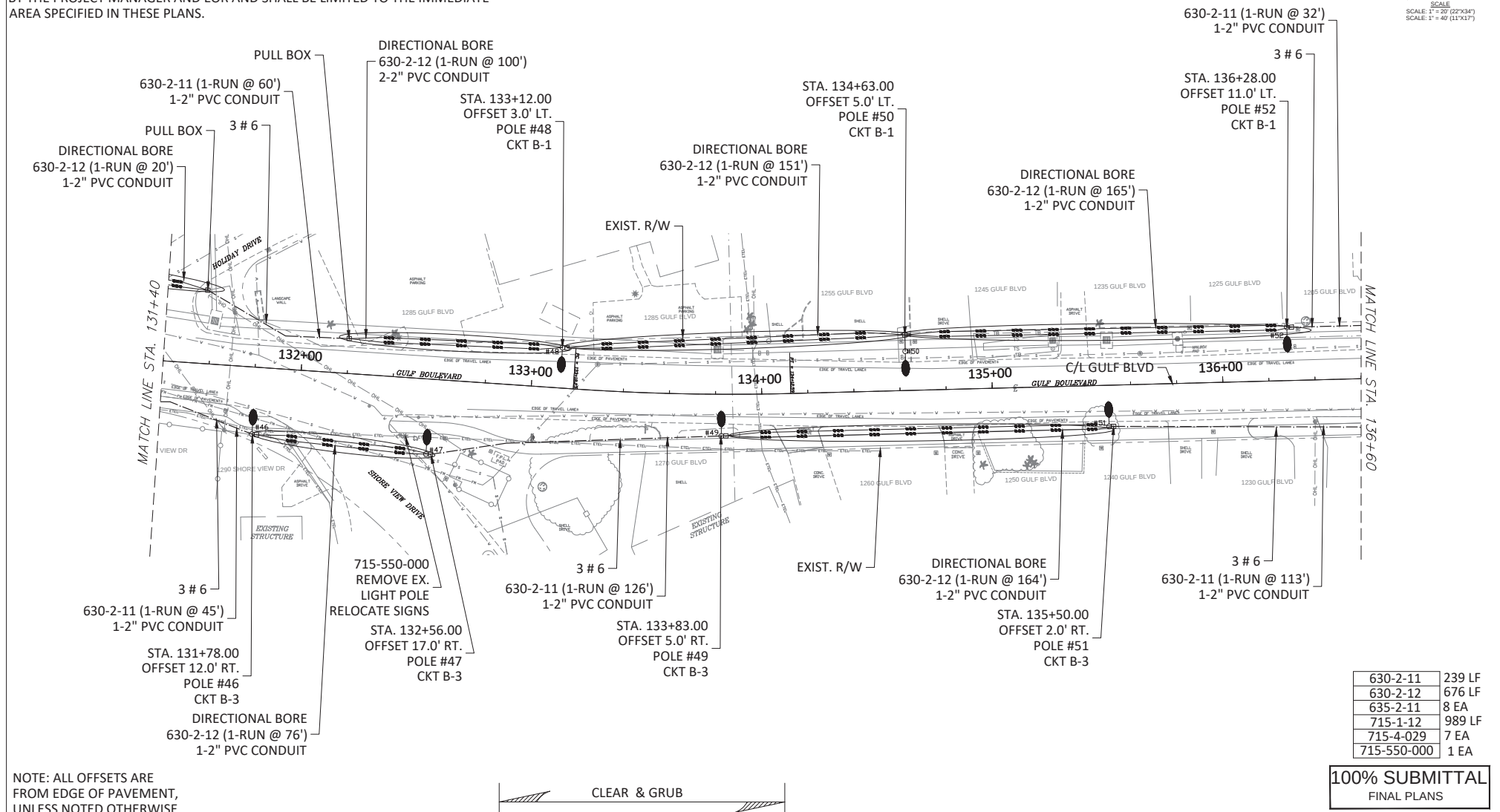
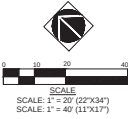
NOTE: ALL OFFSETS ARE
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 UNLESS NOTED OTHERWISE

630-2-11	183 LF
630-2-12	646 LF
635-2-11	8 EA
715-1-12	782 LF
715-4-029	6 EA
715-550-000	2 EA

100% SUBMITTAL
 FINAL PLANS

REVISIONS				FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTA, PE, PTOE P.E. NO: 53150 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 127+20 TO STA. 131+40	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			L-10

CONSTRUCTION NOTES:
 LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID
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 AREA SPECIFIED IN THESE PLANS.



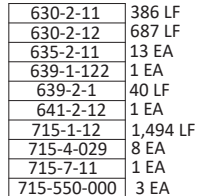
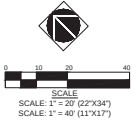
NOTE: ALL OFFSETS ARE
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 UNLESS NOTED OTHERWISE

630-2-11	239 LF
630-2-12	676 LF
635-2-11	8 EA
715-1-12	989 LF
715-4-029	7 EA
715-550-000	1 EA

100% SUBMITTAL
 FINAL PLANS

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC. 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTAPU, PE, PTOE P.E. NO: 53150 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 131+40 TO STA. 136+60	SHEET NO. L-11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID UNFORESEEN UTILITY & DRAINAGE CONFLICTS. ADJUSTMENTS MUST BE APPROVED BY THE PROJECT MANAGER AND EOR AND SHALL BE LIMITED TO THE IMMEDIATE AREA SPECIFIED IN THESE PLANS.

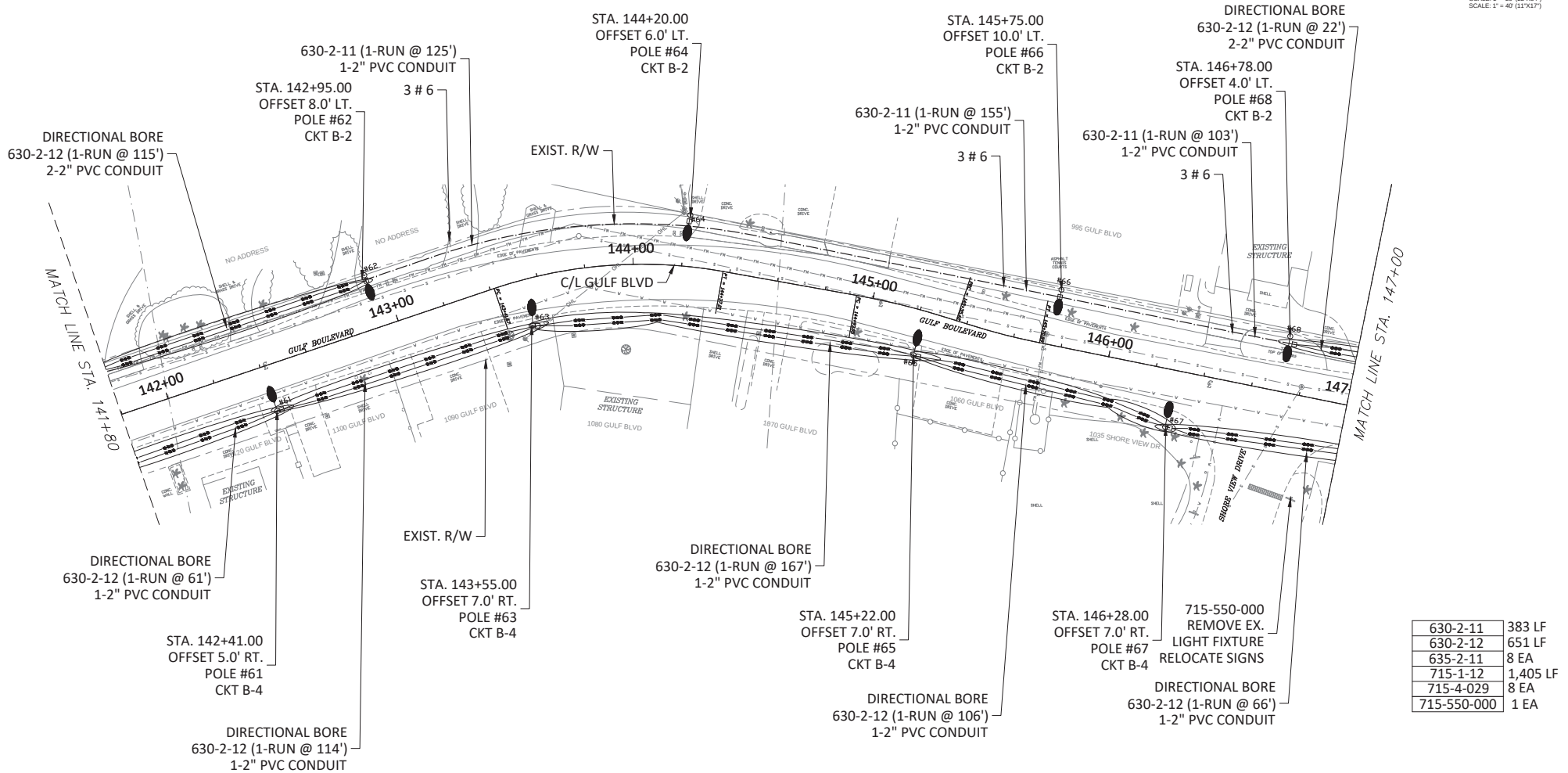
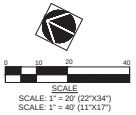


100% SUBMITTAL
FINAL PLANS

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4651 RAVI DEVAGUPTA, PE, PTOE P.E. NO: 53150 CA. NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 136+60 TO STA. 141+80		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			L-12
						CHARLOTTE				

CONSTRUCTION NOTES:
 LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID
 UNFORESEEN UTILITY & DRAINAGE CONFLICTS. ADJUSTMENTS MUST BE APPROVED
 BY THE PROJECT MANAGER AND EOR AND SHALL BE LIMITED TO THE IMMEDIATE
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CLEAR & GRUB



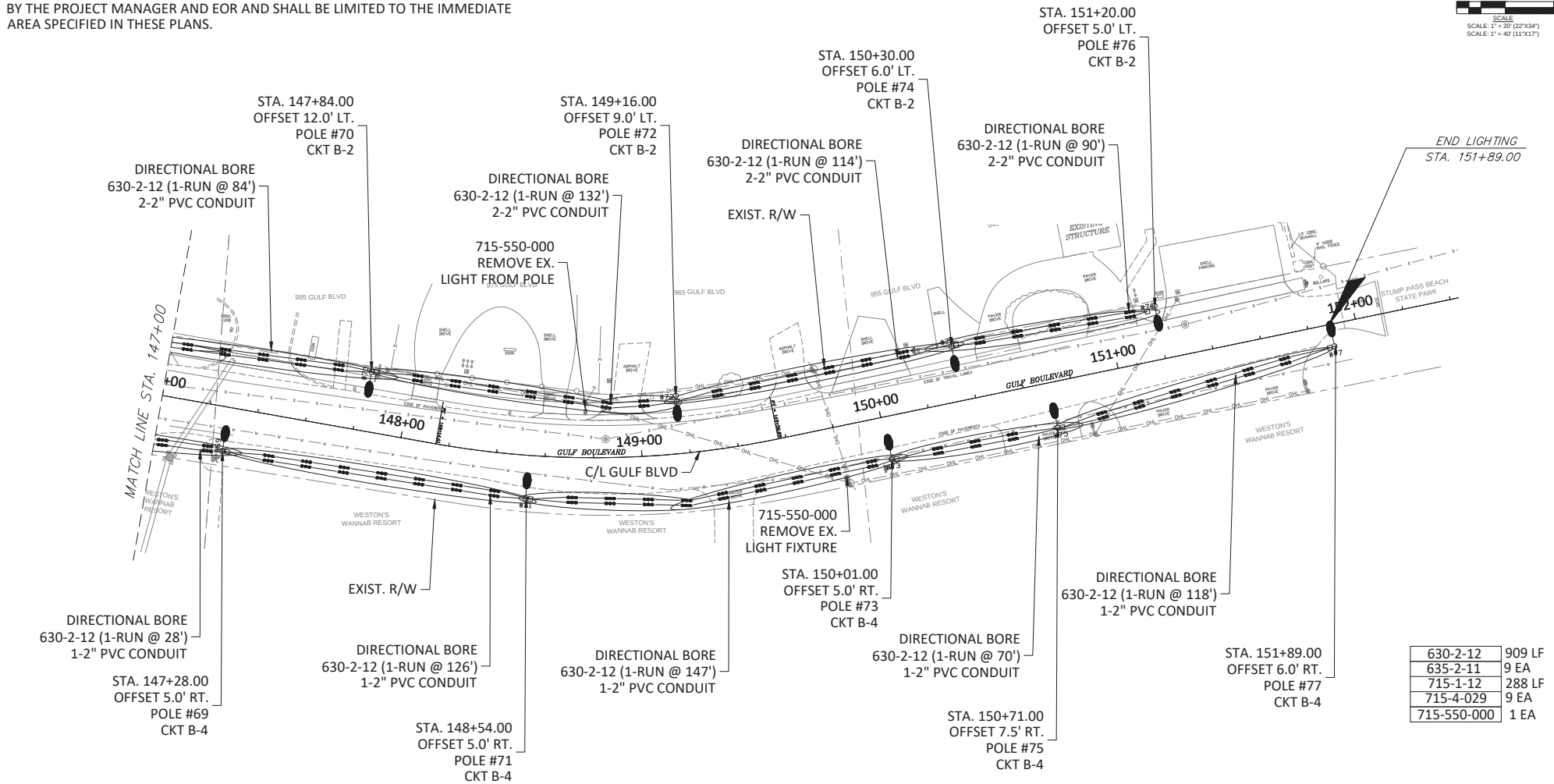
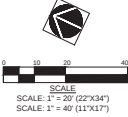
NOTE: ALL OFFSETS ARE
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100% SUBMITTAL
 FINAL PLANS

630-2-11	383 LF
630-2-12	651 LF
635-2-11	8 EA
715-1-12	1,405 LF
715-4-029	8 EA
715-550-000	1 EA

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTAPU, PE, PTOE P.E. NO: 53150 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 141+80 TO STA. 147+00	SHEET NO. L-13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

CONSTRUCTION NOTES:
 LIGHT POLE LOCATIONS & FACILITIES MAY BE FIELD ADJUSTED TO AVOID
 UNFORESEEN UTILITY & DRAINAGE CONFLICTS. ADJUSTMENTS MUST BE APPROVED
 BY THE PROJECT MANAGER AND EOR AND SHALL BE LIMITED TO THE IMMEDIATE
 AREA SPECIFIED IN THESE PLANS.



630-2-12	909 LF
635-2-11	9 EA
715-1-12	288 LF
715-4-029	9 EA
715-550-000	1 EA

NOTE: ALL OFFSETS ARE
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 UNLESS NOTED OTHERWISE

100% SUBMITTAL
 FINAL PLANS

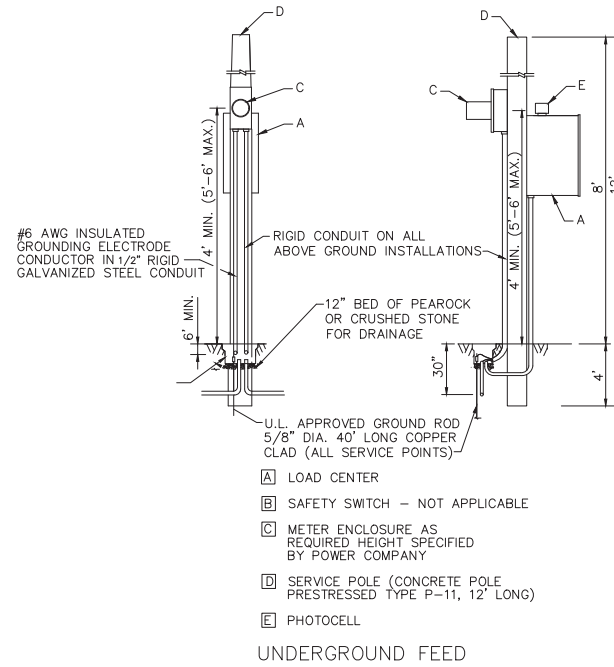
REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTAPU, PE, PTOE P.E. NO: 53150 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			LIGHTING PLAN GULF BOULEVARD STA. 147+00 TO STA. 151+89	SHEET NO. L-14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

SERVICE POINT NOTES

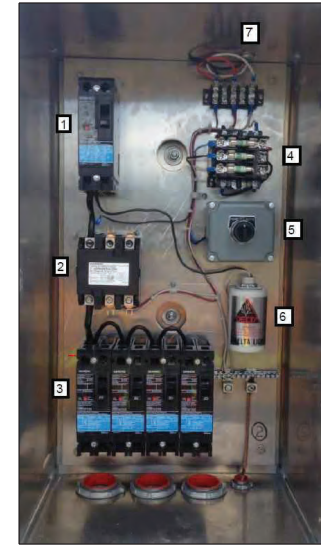
1. CONTRACTOR SHALL SUBMIT CUT SHEETS ON ALL MATERIAL PROPOSED FOR INSTALLATION OF THE LIGHTING SYSTEM TO CHARLOTTE COUNTY LIGHTING DISTRICT FOR CONFORMANCE.
2. PHOTO CELL REQUIRED FOR ALL SERVICE POINT LOAD CENTERS.
3. ALL COMPONENTS SHALL BE PROPERLY GROUNDING AND BONDED PER NEC REQUIREMENTS.
4. WIRING SHALL COMPLY WITH THE CURRENT CHARLOTTE COUNTY SUPPLEMENTAL SPECIFICATIONS. FOR DECORATIVE LIGHTING SYSTEMS, THE MOST RECENT ADDITION..
5. THE LOAD CENTER PAY ITEM SHALL INCLUDE THE 12' CONCRETE SERVICE POLE FOR UNDERGROUND SERVICES.
6. THE ENGINEER HAS COORDINATED THE EXACT SERVICE POINT LOCATIONS WITH FP&L. THE CONTRACTOR SHALL MAKE THEIR UNDERGROUND SERVICE CONNECTION USING SCH 80 CONDUIT FROM THE POINT OF SERVICE TO THE CABINET. CONTRACTOR TO PROVIDE TO FP&L HAND HOLE AND FP&L WILL SUPPLY AND INSTALL THE CONDUCTORS.

SERVICE SPECIFICATIONS

1. ALL ELECTRICAL EQUIPMENT INCLUDING SERVICE, MAIN BREAKER, LIGHTING CONTROL PANEL LOAD CENTER AND LIGHTING CONTACTS SHALL BE PROVIDED WITH 75° C TERMINAL LUG CONNECTORS.



SERVICE POINT DETAIL



CABINET LAYOUT

1. 100W AMP MAIN BREAKER
2. CONTACTOR
3. SECONDARY BREAKER(S)
4. STEP DOWN TRANSFORMER - N/A
5. ON/OFF/AUTO SWITCH
6. LIGHTING ARRESTOR
7. PHOTOCELL

STA: 111+80 Sheet L-7

LOAD CENTER "A" SCHEDULE				
SERVICE POINT DESIGNATION	MAIN CIRCUIT BREAKER SIZE	LIGHTING CONTACTOR (# OF LUMINAIRES)	SERVICE LOAD (AMPS)	TOTAL DEMAND LOAD (AMPS)
CIRCUITS (240 V)	100			
"A-1"	15	5		
"A-2"	15	11		
"A-3"	15	12		
"A-4"	15	10		
TOTAL		38		

STA: 138+06 Sheet L-12

LOAD CENTER "B" SCHEDULE				
SERVICE POINT DESIGNATION	MAIN CIRCUIT BREAKER SIZE	LIGHTING CONTACTOR (# OF LUMINAIRES)	SERVICE LOAD (AMPS)	TOTAL DEMAND LOAD (AMPS)
CIRCUITS (240 V)	100			
"B-1"	15	7		
"B-2"	15	10		
"B-3"	15	9		
"B-4"	15	13		
TOTAL		39		

SCHEDULE

100% SUBMITTAL
FINAL PLANS

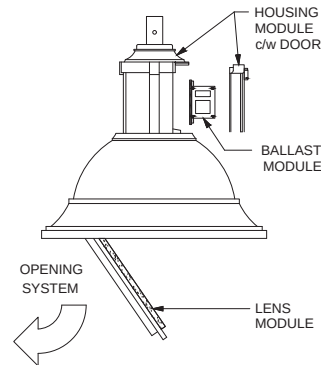
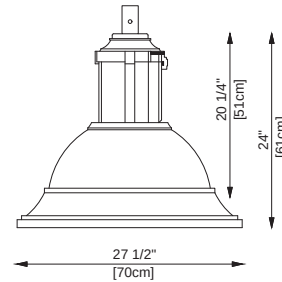
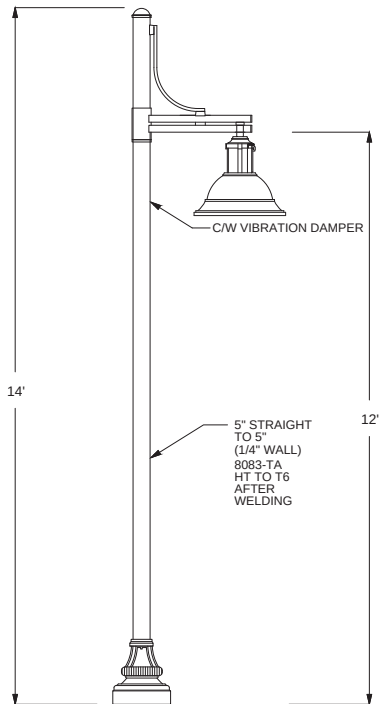
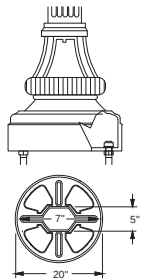
REVISIONS				FLORIDA TRANSPORTATION ENGINEERING, INC.			CHARLOTTE COUNTY PUBLIC WORKS		SERVICE POINT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTAPU, PE, PTOE P.E. NO: 53150 CA NO.: 00007924			ROAD NO.	COUNTY		
								CHARLOTTE		

L-15

LIGHTING SPECS

CUSTOMER SPECIFICATIONS

POLE MOUNT HEIGHT	N/A
POLE HEIGHT	14'
WALL THICKNESS	.250
POLE BASE DIA.	5"
AMOUNT OF STRAIGHT	N/A
POLE TO DIAM.	5"
AMOUNT OF STRAIGHT	N/A
CRITICAL ID-OD	N/A
TENON	N/A check fixture specs
HAND HOLE SIZE	IN BASE
HAND HOLE CENTER	18"
ANCHOR BASE	STRUCTURAL
BOLT CIRCLE	12" - 15"
ANCHOR BOLTS	1" DIA.
TOP CAP	N/A
ID TAG LOCATE	INSIDE BASE
FINISH	BLACK



SIDE VIEW
DETAILS

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FINAL PLANS

R E V I S I O N S				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 RAVI DEVAGUPTAPU, PE, PTOE P.E. NO: 53150 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			SPECIAL POLE DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		L-16
						CHARLOTTE			

COMPONENTS OF CONTRACT PLAN SET

PLANTING PLANS



PLANTING PLANS

CHARLOTTE COUNTY PUBLIC WORKS

FOR

GULF BOULEVARD IMPROVEMENTS

SECTION 12 & 13, TOWNSHIP 41S, RANGE 19E AND
SECTION 18, TOWNSHIP 41S, RANGE 20E
CHARLOTTE COUNTY, FLORIDA

COUNTY COMMISSIONERS

DISTRICT 1
Ken Doherty

DISTRICT 2
Chris Constance

DISTRICT 3
Bill Truex

DISTRICT 4
Stephen R. Deutsch

DISTRICT 5
Joe Tiseo

INDEX OF PLANTING PLANS

SHEET NO.	SHEET DESCRIPTION
P-1	COVER SHEET
P-2	TABULATION OF QUANTITIES
P-3 - P-12	PLANTING PLANS
1-13	GENERAL NOTES & PLANTING DETAILS



LOCATION MAP



SHOP DRAWINGS
TO BE SUBMITTED TO:

FLORIDA TRANSPORTATION ENGINEERING, INC.
8250 PASCAL DRIVE
PUNTA GORDA, FLORIDA 33950-4726

PLANS PREPARED BY:



KURT R. CRIST, RLA
RLA LICENSE NUMBER 00001444
8250 PASCAL DRIVE
PUNTA GORDA, FL. 33950-4726
Phone: (941) 639-2818
Fax: (941) 639-4851
CA No.: 00007924

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.

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FINAL PLANS



January 24, 2019

PLANTING PLANS
LANDSCAPE ARCHITECT OF RECORD: KURT R. CRIST, RLA

FL. REG. LA. 00001444

COUNTY PROJECT MANAGER: RAYMOND SLADE

FISCAL YEAR	SHEET NO.
15	LS

[illegible]

**WATER & SANITARY SEWER:
ENGLEWOOD WATER DISTRICT
201 SELMA AVENUE
ENGLEWOOD, FL
PHONE: (813) 474-3217**

CABLE TELEVISION:
COMCAST CABLE OF WEST FL.
DAVID STEPHENSON
5205 FRUITVILLE ROAD
SARASOTA, FLORIDA 34232
PHONE: (941) 342-2112
EMAIL: david_stephenson@cable.comcast.com

TECO/PEOPLES GAS:
MARILYN DALOI
5901 ENTERPRISE PARKWAY
FORT MYERS, FL 33905
PHONE: (239) 896-0812
EMAIL: m.daloi@tecoenergy.com

CENTURY LINK:
RYAN WALSH
4195 KINGS HIGHWAY
PORT CHARLOTTE, FLORIDA 33980
PHONE: (941) 637-5210
EMAIL: ryan.walsh1@centurylink.com

ELECTRIC:
FLORIDA POWER & LIGHT CO.
JEFF HOUHOLIS
2425 THOMPSON STREET
FORT MYERS, FL 33906
PHONE: (239) 332-9129
EMAIL: JEFFERY.HOUHOLIS@fpl.com

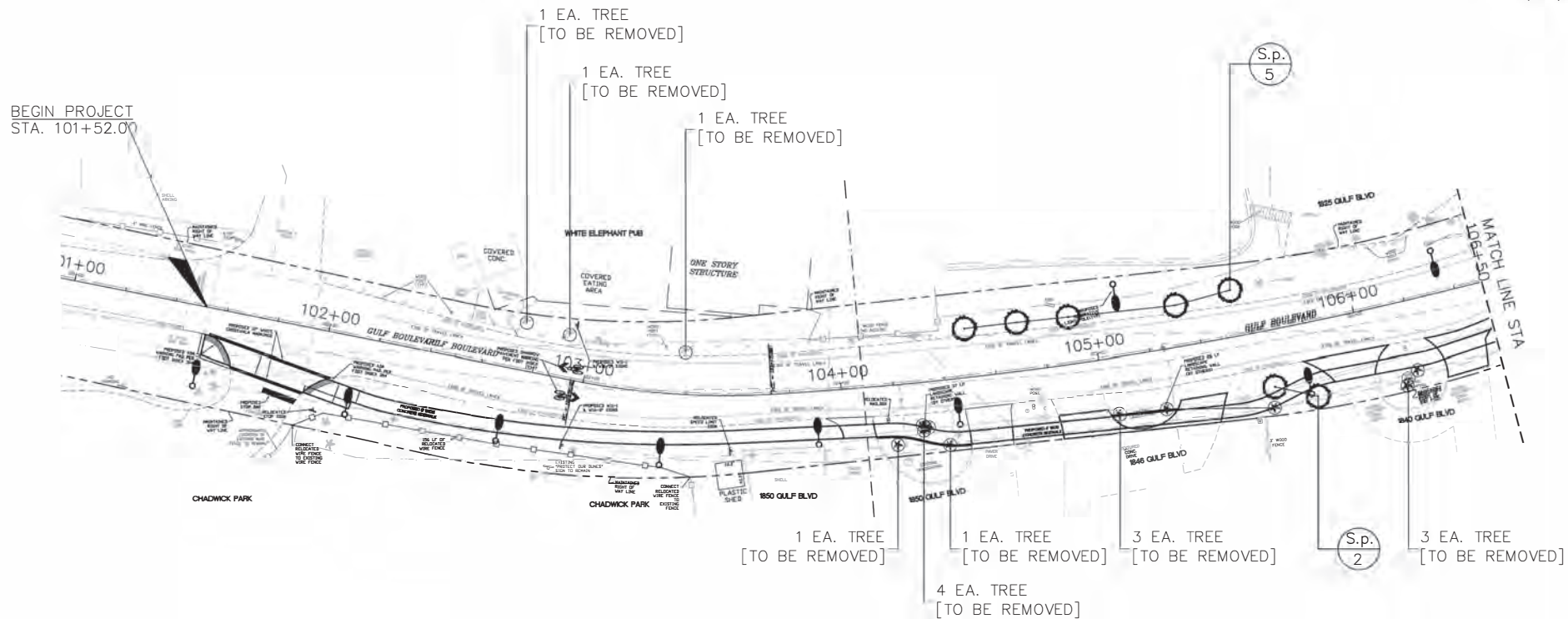
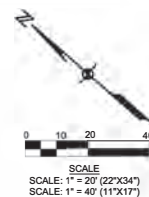
TRAFFIC SIGNAL/ STREET LIGHTING
CHARLOTTE COUNTY COMMUNITY DEVELOPMENT
LIGHTING DISTRICT:
ANDY AMENDOLA
7000 FLORIDA STREET
PUNTA GORDA, FLORIDA 33950-5798
PHONE: (941) 575-3648
EMAIL: Andy.Amendola@charlotteff.com



January 24, 2019

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REV IS I O N S				FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 KURT R. CRIST, RLA FL. REG. LA. NO: 00001444 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		P-2
						CHARLOTTE			

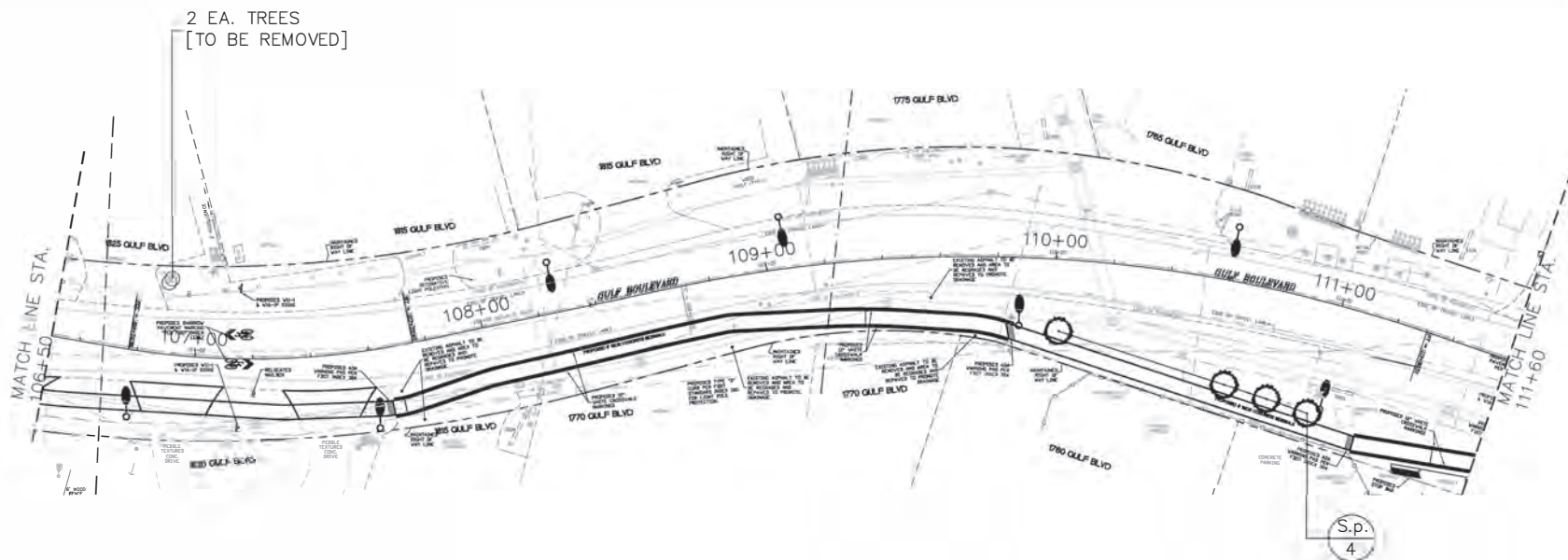
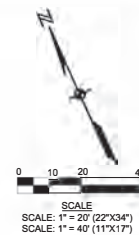


TREE REMOVAL	15 EA.
S.p.	7 EA.

100% SUBMITTAL
FINAL PLANS



REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 KURT R. CRIST, RLA FL. REG. LA. NO. 00001444 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			PLANTING PLAN GULF BOULEVARD STA. 101+52 TO STA. 106+50	SHEET NO. P-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

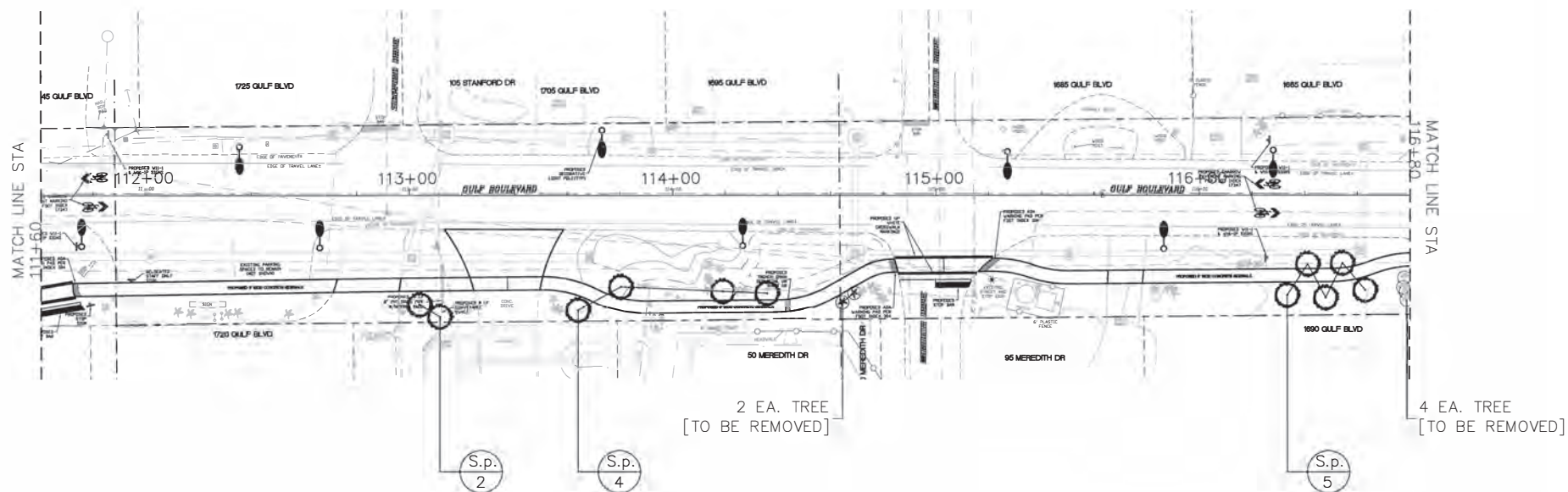
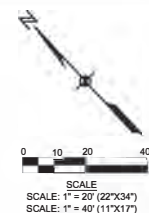


January 24, 2019

TREE REMOVAL	2 EA.
S.p.	4 EA.

100% SUBMITTAL
FINAL PLANS

REVISIONS				FLORIDA TRANSPORTATION ENGINEERING, INC			CHARLOTTE COUNTY PUBLIC WORKS		PLANTING PLAN GULF BOULEVARD STA. 106+50 TO STA. 111+60	SHEET NO. P-4
DATE	DESCRIPTION	DATE	DESCRIPTION	8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (841) 639-2818 FAX: (841) 639-4851 KURT R. CRIST, RLA FL. REG. LA. NO: 00001444 CA NO.: 00007924			ROAD NO.	CO UNTY		
								CHARLOTTE		



TREE REMOVAL	6 EA.
S.p.	11 EA.

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FINAL PLANS



January 24, 2019

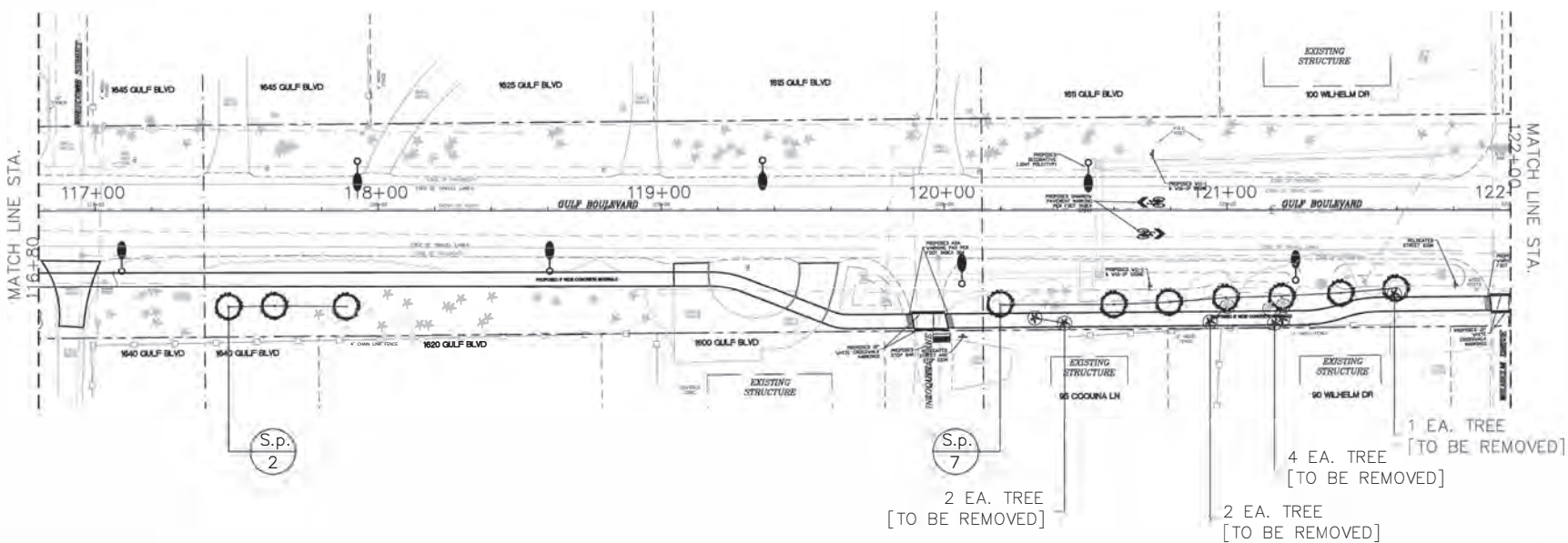
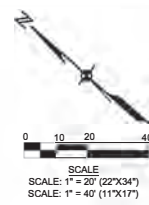
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FLORIDA TRANSPORTATION ENGINEERING, INC
8250 PASCAL DRIVE
PUNTA GORDA, FLORIDA 33950
PHONE: (841) 639-2818
FAX: (841) 639-4551
KURT R. CRIST, RLA
FL. REG. LA. NO: 00001444
CA NO.: 00007924

CHARLOTTE COUNTY PUBLIC WORKS		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	CHARLOTTE	

PLANTING PLAN
GULF BOULEVARD
STA. 111+60 TO STA. 116+80

SHEET NO.
P-5



TREE REMOVAL	9 EA.
S.p.	9 EA.

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 FINAL PLANS



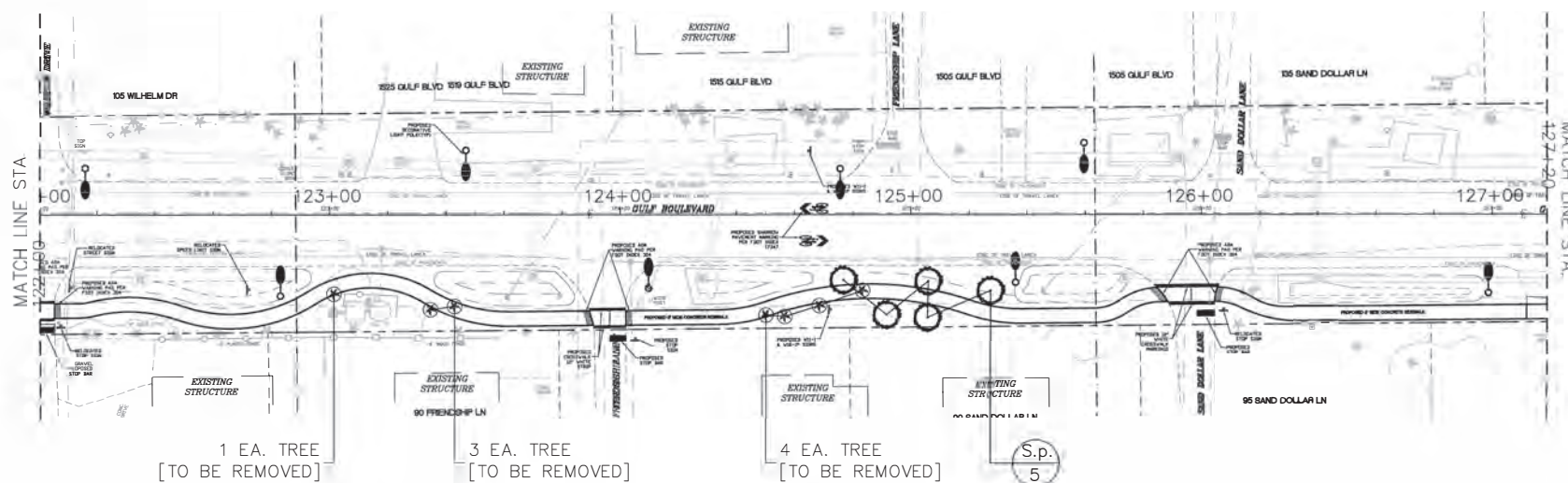
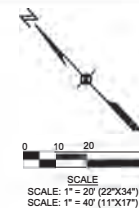
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FLORIDA TRANSPORTATION ENGINEERING, INC
 8250 PASCAL DRIVE
 PUNTA GORDA, FLORIDA 33950
 PHONE: (841) 639-2818
 FAX: (941) 639-4851
 KURT R. CRIST, P.E.
 FL REG. LA. NO: 00001444
 CA NO.: 00007924

CHARLOTTE COUNTY PUBLIC WORKS		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	CHARLOTTE	

PLANTING PLAN
GULF BOULEVARD
STA. 116+80 TO STA. 122+00

SHEET NO.
P-6



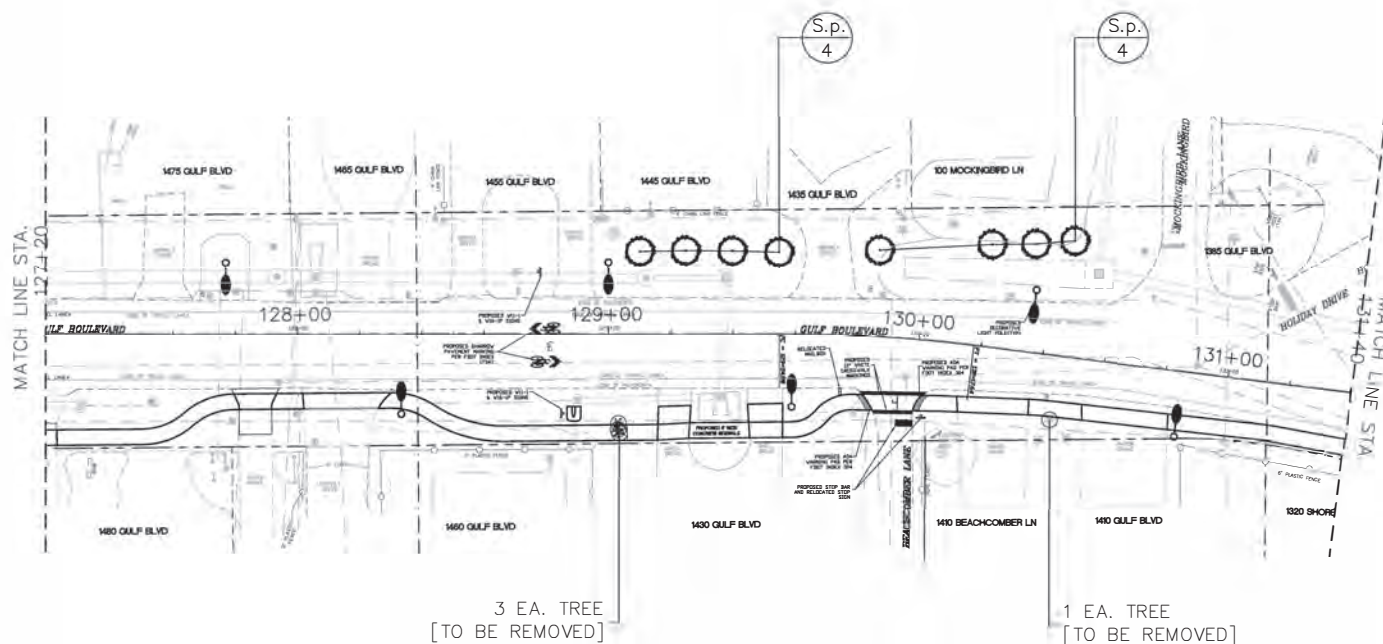
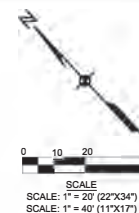
TREE REMOVAL	8 EA.
S.p.	5 EA.

100% SUBMITTAL
FINAL PLANS



January 24, 2019

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4351 KURT R. CRIST, RLA FL. REG. LA. NO: 00001444 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			PLANTING PLAN GULF BOULEVARD STA. 122+00 TO STA. 127+20	SHEET NO. P-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			



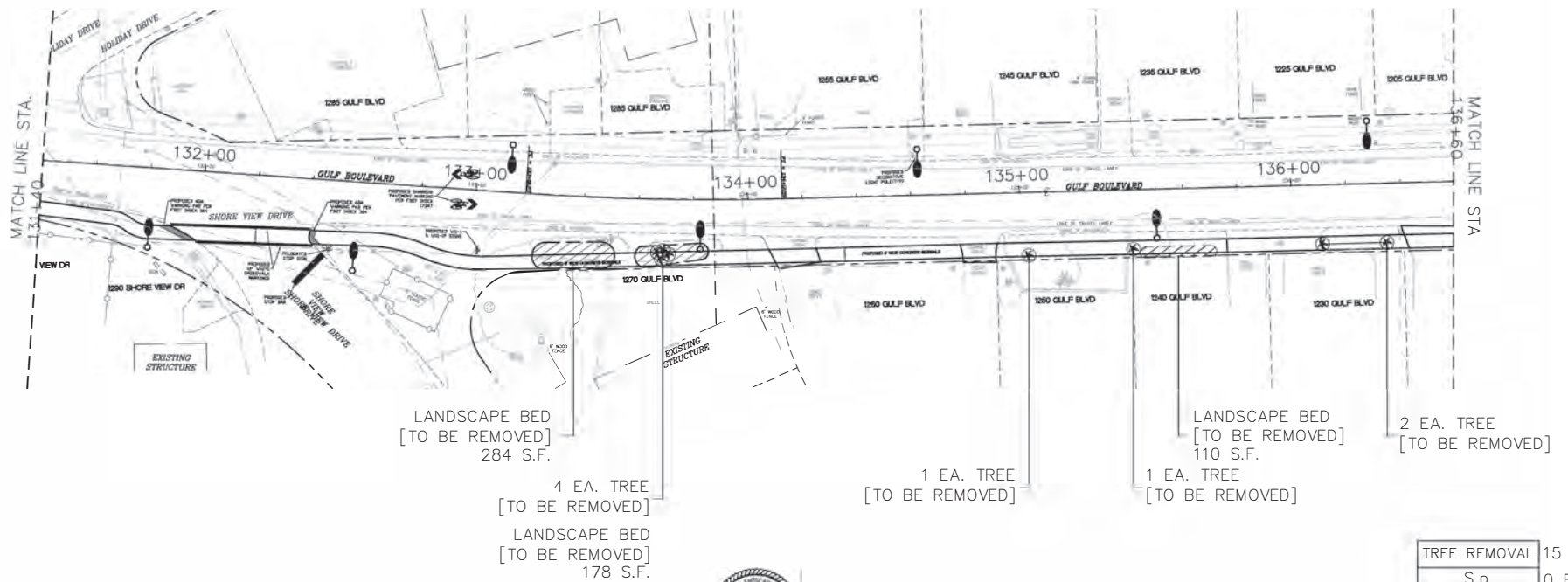
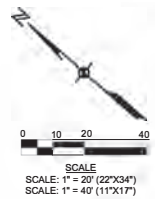
TREE REMOVAL	4 E.A.
S.p.	8 E.A.

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FINAL PLANS



January 24, 2019

REVISIONS				FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 KURT R. CRIST, P.E. FL. REG. L.A. NO: 00001444 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			PLANTING PLAN GULF BOULEVARD STA. 127+20 TO STA. 131+40	SHEET NO. P-8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

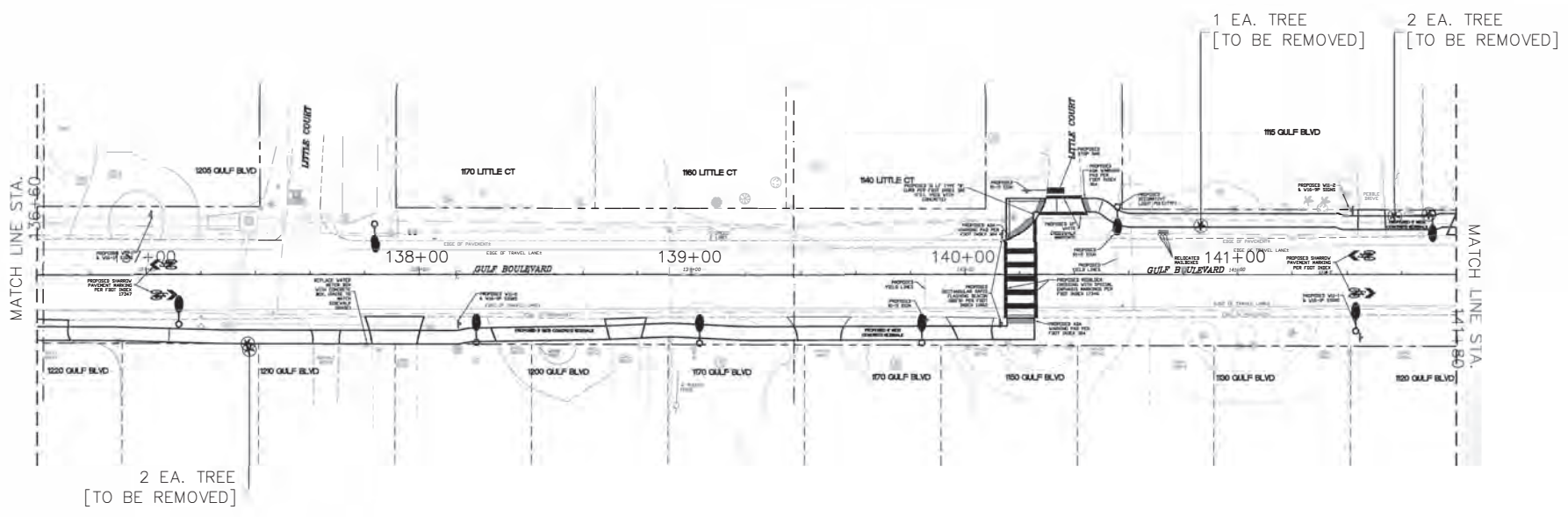
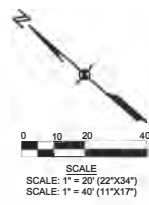


January 24, 2019

TREE REMOVAL	15 EA.
S.p.	0 EA.
LANDSCAPE BED	572 S.F.

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FINAL PLANS

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (841) 639-2818 FAX: (841) 639-4851 KURT S. CRIST, P.E. FL. REG. L.A. NO: 00001444 CA NO: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			PLANTING PLAN GULF BOULEVARD STA. 131+40 TO STA. 136+60	SHEET NO. P-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

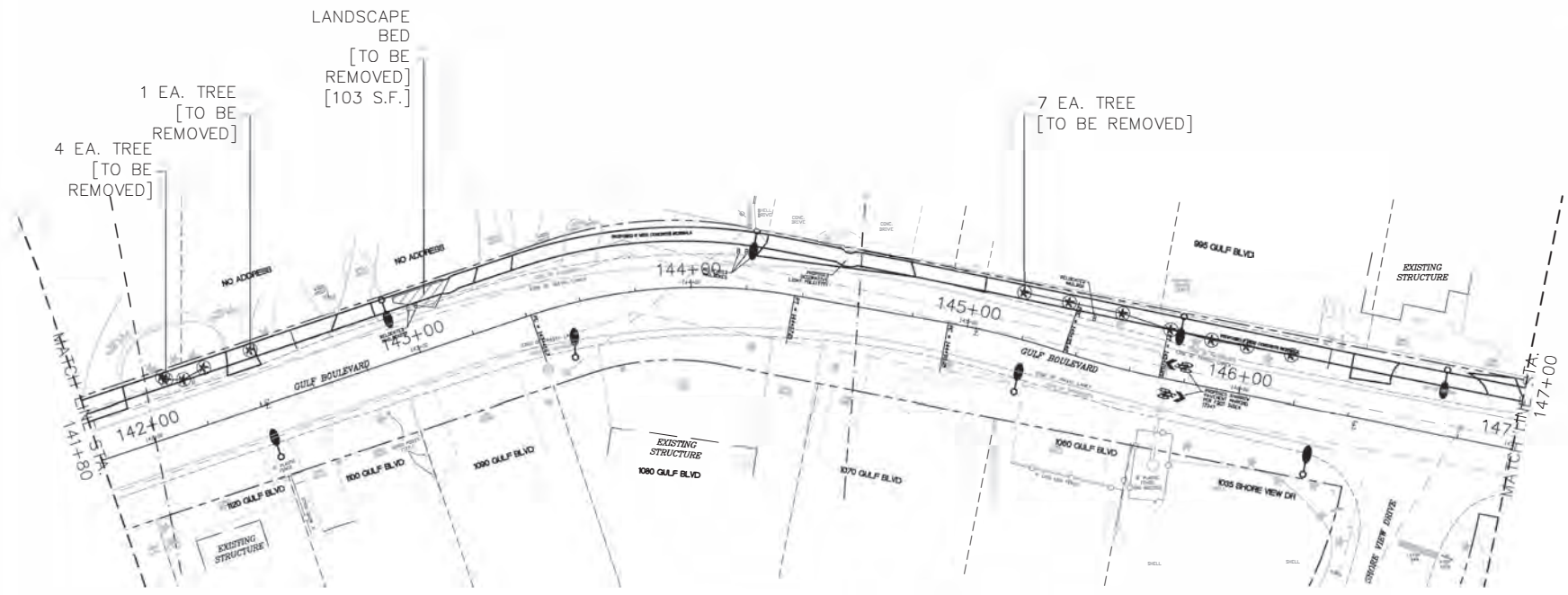
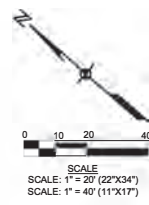


January 24, 2019

TREE REMOVAL	5 EA.
S.p.	0 EA.

100% SUBMITTAL
FINAL PLANS

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 KURT R. CRIST, RLA FL. REG. LA. NO: 00001444 CA NO: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			PLANTING PLAN GULF BOULEVARD STA. 136+60 TO STA. 141+80	SHEET NO. P-10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			



TREE REMOVAL	12 EA.
S.p.	0 EA.
LANDSCAPE BED	103 S.F.

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FINAL PLANS



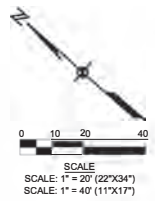
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FLORIDA TRANSPORTATION ENGINEERING, INC
8250 PASCAL DRIVE
PUNTA GORDA, FLORIDA 33950
PHONE: (841) 639-2818
FAX: (841) 639-4351
KURT R. CRIST, RLA
FL. REG. LA. NO: 00001444
CA NO.: 00007924

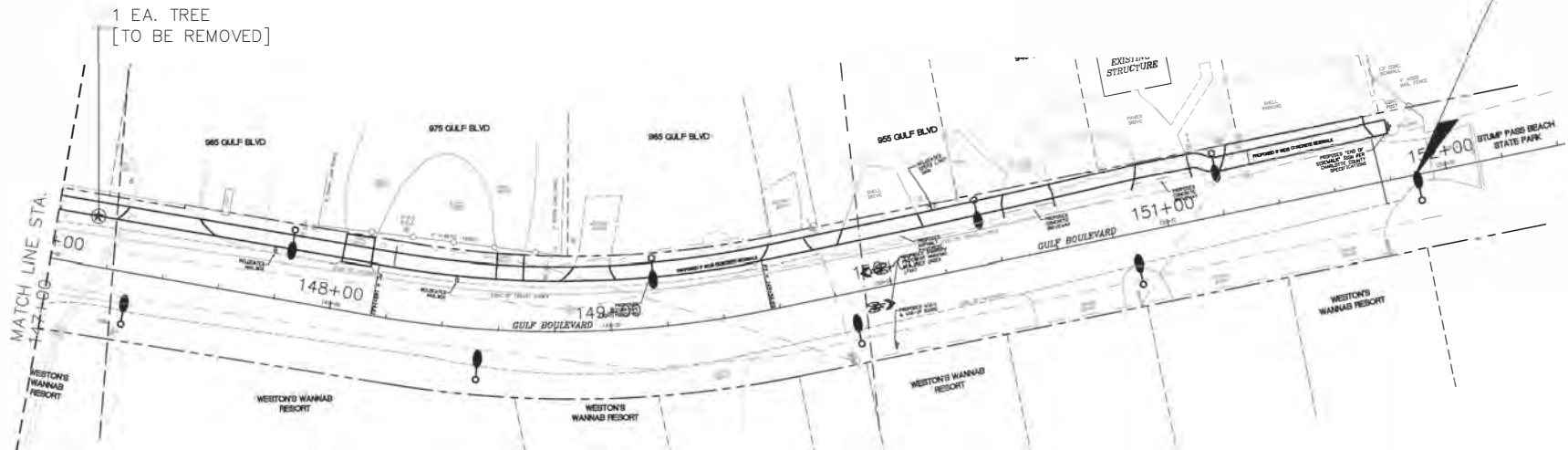
CHARLOTTE COUNTY PUBLIC WORKS		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	CHARLOTTE	

PLANTING PLAN
GULF BOULEVARD
STA. 141+80 TO STA. 147+00

SHEET NO.
P-11



END OF PROJECT
STA. 151+89.00



TREE REMOVAL	1 EA.
S.p.	0 EA.

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FINAL PLANS



January 24, 2019

REVISIONS				 FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4951 KURT R CRIST, RLA FL. REG. LA. NO: 00001444 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			PLANTING PLAN GULF BOULEVARD STA. 147+00 TO STA. 151+89	SHEET NO. P-12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			

STANDARD LANDSCAPE PLANTINGS INSTALLATION SPECIFICATIONS:

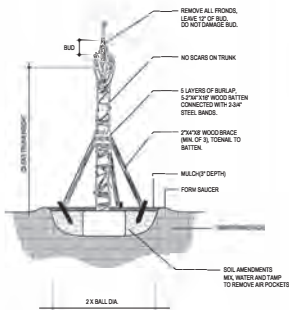
1. PROVIDE MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, SERVICES AND LABOR TO ACCOMPLISH THE INSTALLATION OF SPECIFIC LANDSCAPE PLANTING PLANS. ANY DEVIATION FROM SPECIFIED PLANT SELECTION, SIZE OR SPACING MUST BE PRE-APPROVED BY THE COUNTY.
2. PERFORM SITE ANALYSES AND PREPARATORY WORK NECESSARY TO ACCOMMODATE LANDSCAPE INSTALLATION, IN ACCORDANCE WITH CURRENT STANDARDS OF THE FLORIDA NURSERY GROWERS AND LANDSCAPE ASSOCIATION. THIS MAY INCLUDE REMOVAL OF SIGNIFICANT AMOUNTS OF UNSUITABLE SOIL AND OTHER MATERIALS AND REPLACEMENT WITH HIGH QUALITY TOP SOIL, SOIL CONDITIONERS AND SOIL AMENDMENTS.
3. IF APPLICABLE, REMOVE AND DISPOSE OF OR RELOCATE AND TRANSPLANTING OF SUCH MATERIALS IS TO BE DONE IN A MANNER CONSISTENT WITH CURRENT RECOMMENDATIONS OF UFIFAS AND FNGLA.
4. INSTALL ALL PLANTS, TREES AND PALMS IN A MANNER CONSISTENT WITH CURRENT RECOMMENDATIONS BY THE UNIVERSITY OF FLORIDA COOPERATIVE EXTENSION SERVICE AND THE FLORIDA NURSERY GROWERS AND LANDSCAPE ASSOCIATION. SOIL AND SCODING ARE TO MEET CURRENT STANDARDS OF FLORIDA TURF GRASS ASSOCIATION.
5. SUPPLY "SHOP DRAWINGS" / PRODUCT SPECIMEN LABELS AND ANALYSIS REPORTS OF ALL NON-PLANT MATERIALS TO BE UTILIZED, I.E. SOILS, SOIL ADDITIVES, MULCH, PESTICIDES, TREES AND PALM SUPPORTS.
6. CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC ACCORDING TO CURRENT F.D.O.T. AND CHARLOTTE COUNTY POLICY STANDARDS.
7. PRECIPITATE UTILITIES LOCATE SERVICE, PRIOR TO BEGINNING EXCAVATION WORK AND AS REQUIRED THEREAFTER.
8. OBTAIN NECESSARY PERMITS FOR PERFORMING THE WORK IN THE PUBLIC RIGHT OF WAY.
9. PERFORM INITIAL, THOROUGH WATERING-IN OF ALL PLANT MATERIALS, ALLEVIATING ALL AIR POCKETS IN BACK FILL SOIL.
10. SUPPORT TREES AND PALMS, ACCORDING TO CURRENT FNGLA RECOMMENDATIONS AND THOSE OF UFIFAS. ASCERTAIN THAT ALL STAKING MATERIALS ARE INSTALLED WITHIN BEDS OR RINGS, NOT INTERFERING WITH TURF GRASS MAINTENANCE.
11. ALL PLANT MATERIALS ARE TO BE OF FLORIDA #1 GRADE OR BETTER PER CURRENT FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY, GRADE AND STANDARDS FOR NURSERY STOCK AND FREE OF PLANT PESTS AND PLANT DISEASES. AT THE TIME OF FINAL ACCEPTANCE, ALL PLANT MATERIALS ARE TO APPEAR VISIBLE AND HEALTHY UPON INSPECTION BY THE LANDSCAPE ARCHITECT AND OR COUNTY INSPECTOR.
12. PROTECT PLANT MATERIALS, IN TRANSPORT AND ON-SITE, FROM DESICCATION, WILTING AND BREAKAGE.
13. CREATE MULCH BERM: AROUND ALL TREE AND PALM PLANTING HOLES, INCLUDING THOSE WITHIN BEDS TO DIRECT WATER TO ROOT MASSES.
14. MULCH BEDS AND RINGS UNIFORMLY WITH 3" (AFTER SETTLING) OF SPECIFIED MULCH. KEEP MULCH AWAY FROM ALL STEMS AND TRUNKS.
15. REMOVE ALL NURSERY TAGS, LABELS, WIRES, TIES, FASTENERS, CONTAINERS, FABRIC, ROPES, STRINGS, NURSERY STAKES AND OTHER UNNECESSARY ITEMS, DELETERIOUS MATERIALS FROM ALL PARTS OF ALL PLANT STOCK, BOTH UNDERGROUND AND ABOVE GROUND.
16. REPAIR OR PRECIPITATE REPAIR, AT NO EXPENSE TO THE COUNTY, OF ANY PROPERTY DAMAGE IN THE PROCESS OF PERFORMING WORK RELATING TO THIS PROJECT.
17. ALL EQUIPMENT AND UNINSTALLED SUPPLIES ARE TO BE REMOVED FROM COUNTY PROPERTY UPON COMPLETION OF EACH WORK DAY.
18. ALL SOIL AND DEBRIS IS TO BE REMOVED FROM ALL PAVEMENT, UPON COMPLETION OF EACH WORK DAY IN A LEGAL MANNER.
19. BEST MANAGEMENT PRACTICES ARE TO BE EFFECTIVELY EMPLOYED, AS RELATED TO STORM WATER, SEDIMENTATION AND TURBIDITY. CONTROL, IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GUIDELINES AND THE N.P.D.E.S. PERMIT REQUIREMENTS RELATING TO THIS PROJECT.
20. LOAD, HAIL AND DISPOSAL OF EXCAVATED SOIL, SOIL AND DEBRIS GENERATED, AT NO ADDITIONAL EXPENSE TO THE COUNTY.
21. RESTORE ALL TURF GRASS DISTURBED INCIDENTALLY IN PERFORMANCE OF THE WORK ADJACENT TO THE LANDSCAPE PLANTING AREA.
22. FERTILIZATION OF ALL PLANT MATERIALS WITH SLOW RELEASE GRANULAR PRODUCT SUCH AS 8-12-10 PLUS A COMPLETE MICRONUTRIENT PACKAGE IN THE MANNER AND AT THE RATE PRESCRIBED BY THE LABEL. APPLICATION MUST BE ALSO BE MADE IN ACCORDANCE WITH THE CHARLOTTE COUNTY FERTILIZER ORDINANCE.
23. PROVISION OF A (1) ONE YEAR REPLACEMENT WARRANTY ON ALL PLANT MATERIALS IS REQUIRED AS IS ALL MAINTENANCE ASSOCIATED WITH THE PLANTINGS AND, IF APPLICABLE, WITHIN THE (1) ONE YEAR WARRANTY PERIOD, ETC.

ESTABLISHMENT WATERING:

24. WEED CONTROL, PLANT PEST AND DISEASE/DISORDER CONTROL, FERTILIZATION, PRUNING, TREE AND PALM SUPPORT MAINTENANCE, EDDING AND OTHER TASKS NECESSARY FOR PROTECTION OF THE PERISHABLE ASSET.
25. A PUNCH LIST OF MINOR ITEMS MAY BE GIVEN TO THE CONTRACTOR FOLLOWING INSPECTION. ALL ITEMS ARE TO BE SATISFIED WITHIN 14 DAYS, AT WHICH TIME FINAL INSPECTION WILL TAKE PLACE AND THE 12 MONTH WARRANTY PERIOD BEGIN.

ESTABLISHMENT WATERING SCHEDULE

WEEK 1	DAILY
WEEK 2 - WEEK 4	3/TIMES PER WEEK
WEEK 5 - WEEK 12	2/TIMES PER WEEK
WEEK 13 - WEEK 24	1/TIME PER WEEK
WEEK 25 - WEEK 52	AS NEEDED MIN. TWICE PER MONTH

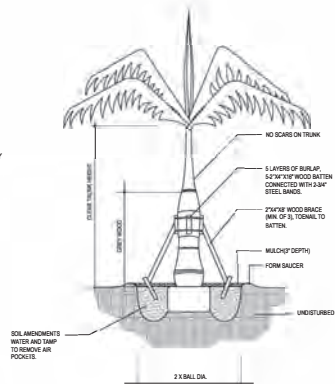


CABBAGE PALM PLANTING DETAIL
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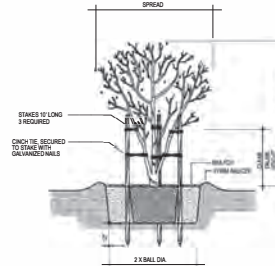
LAG BOLT TREE TIE-DOWN ENLARGEMENT
SCALE: NOT TO SCALE



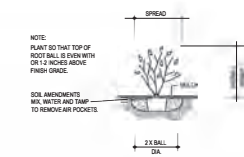
PALM PLANTING DETAIL
SCALE: NOT TO SCALE



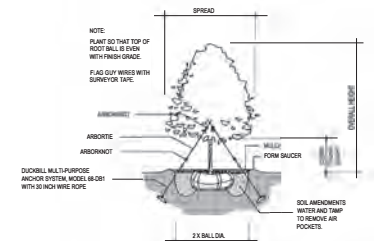
MULTI-TRUNK TREE STAKING DETAIL
SCALE: NOT TO SCALE



SHRUB & GROUNDCOVER PLANTING DETAIL
SCALE: NOT TO SCALE



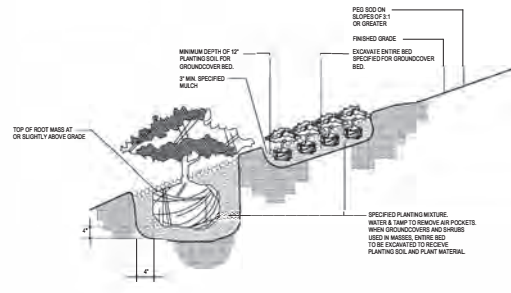
TREE PLANTING DETAIL (2" CALIPER OR LESS)
SCALE: NOT TO SCALE



TREE PLANTING DETAIL (>2" CALIPER)
SCALE: NOT TO SCALE



SHRUB AND GROUNDCOVER ON SLOPE
SCALE: NOT TO SCALE



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SUNSHINE STATE ONE CALL OF FLORIDA, INC.



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100% SUBMITTAL
FINAL PLANS

REVISIONS				FLORIDA TRANSPORTATION ENGINEERING, INC 8250 PASCAL DRIVE PUNTA GORDA, FLORIDA 33950 PHONE: (941) 639-2818 FAX: (941) 639-4851 KURT R. CRIST, R.L.A. FL. REG. LA. NO. 00001444 CA NO.: 00007924	CHARLOTTE COUNTY PUBLIC WORKS			GENERAL NOTES/PLANTING DETAILS	SHEET NO. P-13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CHARLOTTE			