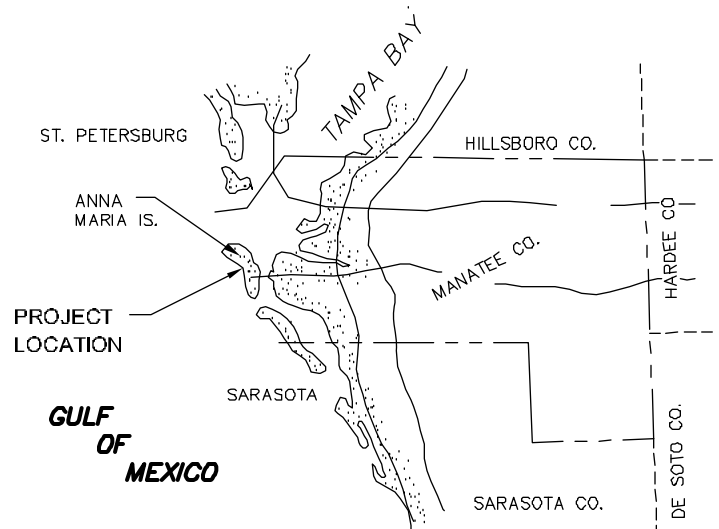
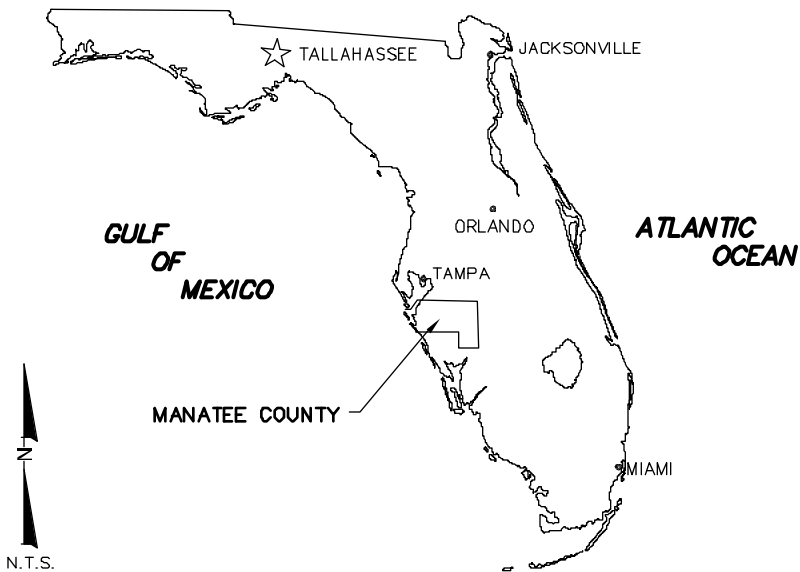


# ANNA MARIA ISLAND BEACH NOURISHMENT PROJECT MANATEE COUNTY, FLORIDA



**MANATEE COUNTY  
BOARD OF COUNTY COMMISSIONERS**

CHAIRMAN  
DONNA G. HAYES

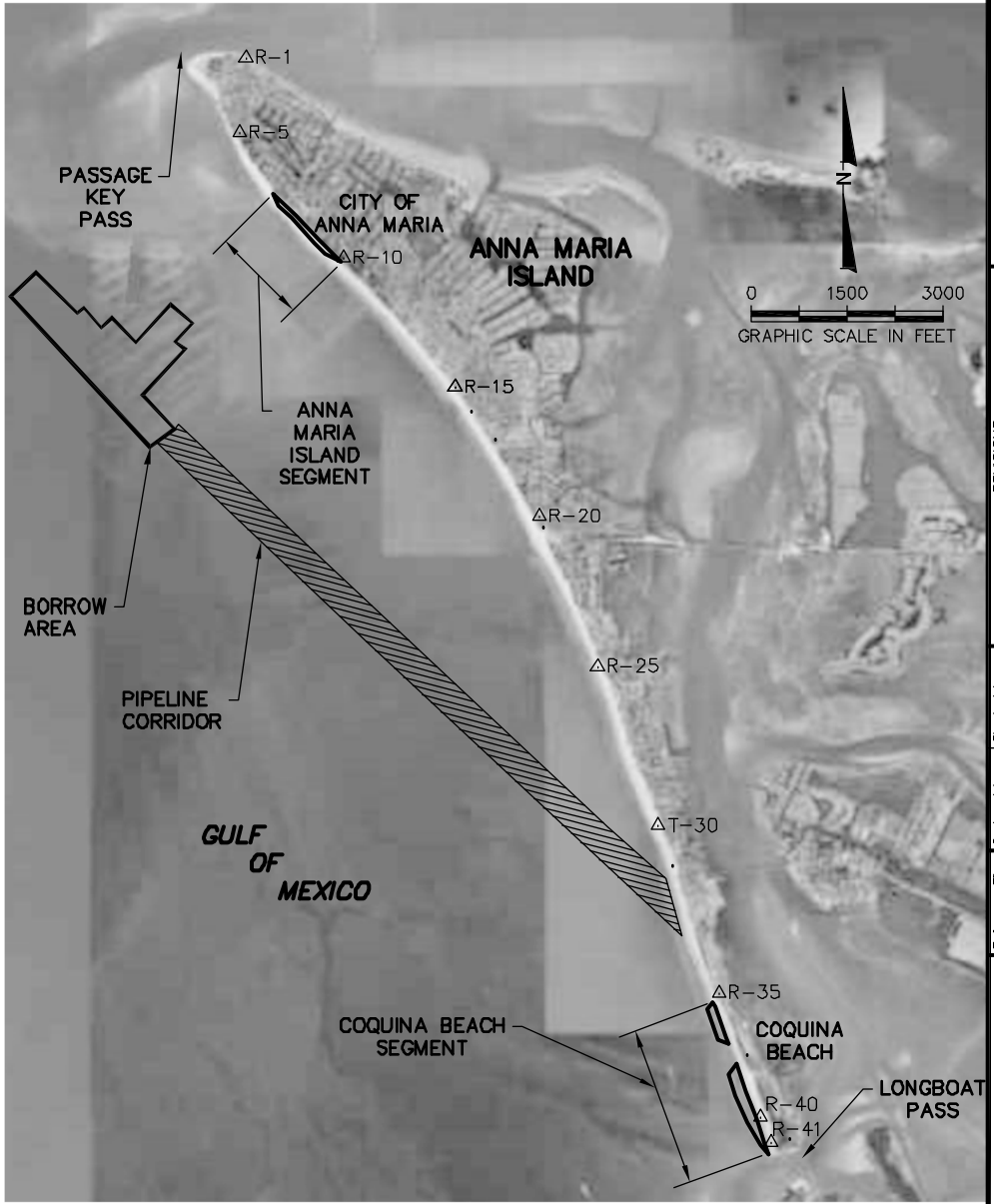
COMMISSIONERS  
LARRY BUSTLE  
ROBIN DISABATINO  
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JOE McCLASH

COUNTY ADMINISTRATOR  
ED HUNZAKER

DIRECTOR OF NATURAL RESOURCES DEPARTMENT  
CHARLIE HUNSICKER

**SHEET INDEX**

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**CERTIFICATION:**  
I CERTIFY THAT THESE PLANS ARE IN COMPLIANCE  
WITH THE APPLICABLE SECTIONS OF 62B-41, F.A.C.

THOMAS P. PIERRÓ P.E. NO. 64683 \_\_\_\_\_ DATE \_\_\_\_\_

**COASTAL PLANNING & ENGINEERING, INC.**  
2481 N.W. BOCA RATON BOULEVARD  
BOCA RATON, FLORIDA 33431  
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C.O.A. FL #40298  
C.O.A. LA #2531  
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REVISIONS	No.	Date	Description

Designed by:	Checked by:
Drawn by:	Reviewed by:
Date:	Submitted by:
Plot Scale:	Comm. No.:
PAS NOTED	B448.65

ANNA MARIA ISLAND  
BEACH NOURISHMENT PROJECT  
MANATEE COUNTY, FLORIDA  
COVER SHEET

DRAWING NO.  
**CS**  
SHEET 1 OF 13

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CITY OF ANNA MARIA  
PAY PROFILES

STATION	EASTING	NORTHING	PERPENDICULAR DISTANCE TO NEXT STATION (FT)	CUMULATIVE PERPENDICULAR DISTANCE TO NEXT STATION (FT)
0+00	416439.42	1161772.56	100	0
1+00	416509.65	1161701.38	100	100
2+00	416579.88	1161630.19	100	200
3+00	416650.12	1161559.01	100	300
4+00	416720.35	1161487.82	100	400
5+00	416790.58	1161416.63	100	500
6+00	416860.81	1161345.45	100	600
7+00	416931.04	1161274.26	100	700
8+00	417001.28	1161203.08	100	800
9+00	417071.51	1161131.89	100	900
10+00	417141.74	1161060.70	100	1000
11+00	417211.97	1160989.52	100	1100
12+00	417282.21	1160918.33	100	1200
13+00	417352.44	1160847.15	150	1300
14+50	417457.78	1160740.63	50	1450
15+00	417492.90	1160704.78	100	1500
16+00	417563.14	1160633.59	100	1600
17+00	417633.37	1160562.40	100	1700
18+00	417703.60	1160491.22	100	1800
19+00	417773.83	1160420.03	100	1900
20+00	417844.06	1160348.85	100	2000
21+00	417914.30	1160277.66	100	2100
22+00	417984.53	1160206.48	100	2200
23+00	418054.76	1160135.29	100	2300
24+00	418124.99	1160064.10	115	2400
25+15	418205.76	1159982.24	85	2515
26+00	418265.46	1159921.73	100	2600
27+00	418335.69	1159850.55	100	2700
28+00	418405.92	1159779.36	100	2800
29+00	418476.16	1159708.17	100	2900
30+00	418546.39	1159636.99	100	3000
31+00	418616.62	1159565.80	100	3100
32+00	418686.85	1159494.62	100	3200
33+00	418757.09	1159423.43	100	3300
34+00	418827.32	1159352.25	103	3400
35+03	418899.65	1159278.92	97	3503
36+00	418967.78	1159209.87	100	3600
37+00	419038.01	1159138.69	100	3700
38+00	419108.25	1159067.50	100	3800
39+00	419178.48	1158996.32	100	3900
40+00	419250.75	1158923.07		4000

COQUINA BEACH  
PAY PROFILES

STATION	EASTING	NORTHING	PERPENDICULAR DISTANCE TO NEXT STATION (FT)	CUMULATIVE PERPENDICULAR DISTANCE TO NEXT STATION (FT)
0+00	430180.93	1136890.80	78	0
0+78	430208.51	1136818.23	122	78
2+00	430251.99	1136703.85	100	200
3+00	430287.53	1136610.37	100	300
4+00	430323.06	1136516.90	100	400
5+00	430358.59	1136423.43	100	500
6+00	430394.12	1136329.95	100	600
7+00	430429.66	1136236.48	100	700
8+00	430465.19	1136143.00	100	800
9+00	430500.72	1136049.53	100	900
10+00	430536.26	1135956.06	100	1000
11+00	430571.79	1135862.58	100	1100
12+00	430607.32	1135769.11	100	1200
13+00	430642.86	1135675.63	100	1300
14+00	430678.39	1135582.16	100	1400
15+00	430713.92	1135488.69	100	1500
16+00	430749.46	1135395.21	100	1600
17+00	430784.99	1135301.74	100	1700
18+00	430820.52	1135208.26	100	1800
19+00	430856.05	1135114.79	128	1900
20+28	430901.41	1134995.48	72	2028
21+00	430927.12	1134927.84	100	2100
22+00	430962.65	1134834.37	100	2200
23+00	430998.19	1134740.89	100	2300
24+00	431033.72	1134647.42	100	2400
25+00	431069.25	1134553.95	100	2500
26+00	431104.79	1134460.47	100	2600
27+00	431140.32	1134367.00	100	2700
28+00	431175.85	1134273.52	105	2800
29+05	431213.02	1134175.74	95	2905
30+00	431246.92	1134086.57	100	3000
31+00	431282.45	1133993.10	100	3100
32+00	431317.98	1133899.63	100	3200
33+00	431353.52	1133806.15	100	3300
34+00	431389.05	1133712.68	100	3400
35+00	431424.58	1133619.20	100	3500
36+00	431460.12	1133525.73	100	3600
37+00	431495.65	1133432.26	140	3700
38+40	431545.48	1133301.17	60	3840
39+00	431566.72	1133245.31	100	3900
40+00	431602.25	1133151.83	100	4000
41+00	431637.78	1133058.36	100	4100
42+00	431673.31	1132964.89	100	4200
43+00	431708.85	1132871.41	100	4300
44+00	431744.38	1132777.94	100	4400
45+00	431779.91	1132684.46	100	4500
46+00	431815.45	1132590.99	147	4600
47+47	431867.71	1132453.51	53	4747
48+00	431886.51	1132404.04	100	4800
49+00	431922.05	1132310.57	100	4900
50+00	431957.58	1132217.09	100	5000
51+00	431993.11	1132123.62	100	5100
52+00	432028.65	1132030.15	100	5200
53+00	432064.18	1131936.67	100	5300
54+00	432099.71	1131843.20	100	5400
55+00	432135.24	1131749.72	86	5500
55+86	432165.85	1131669.22	114	5586
57+00	432206.31	1131562.78	100	5700
58+00	432241.84	1131469.30	100	5800
59+00	432277.38	1131375.83		5900

BENCHMARK CONTROL POINTS SECOND ORDER CONTROL (A-MONUMENTS)			
MONUMENT ID	EASTING	NORTHING	ELEVATION (NAVD)
13-85-A14	423707.84	1153687.11	5.11
13-85-A16	425185.04	1150950.99	5.55
13-84-B02	429232.48	1140350.83	4.11
13-84-B04	433548.92	1134466.32	5.10

CITY OF ANNA MARIA  
BASELINE COORDINATES

POINT ID	EASTING	NORTHING
P.O.B.	416439.42	1161772.56
P.O.E.	419250.75	1158923.07

COQUINA BEACH  
BASELINE COORDINATES

POINT ID	EASTING	NORTHING
P.O.B.	430180.93	1136890.80
P.O.E.	432277.38	1131375.83

WATER LEVEL TABLE

THE TIDAL DATUMS AT ANNA MARIA ISLAND, GULF OF MEXICO, ARE OBTAINED FROM LAND BOUNDARY INFORMATION SYSTEM (LABINS), BASED ON EPOCH 1960-1978:

CONTROL TIDE STATION ID: 872-6282

QUAD NUMBER: 2822  
 QUAD NAME: BRADENTON BEACH  
 QUARTER QUAD: NE  
 TIDE INTERPOLATION POINT: 200904

ELEVATIONS OF TIDAL DATUMS ARE REFERENCED TO NAVD88, IN FEET:

MEAN HIGH WATER (MHW) = 0.23 FT NAVD  
 MEAN LOW WATER (MLW) = - 1.28 FT NAVD

NOTES:

- ALL PAY PROFILES SHALL BE SURVEYED AT AN AZIMUTH PERPENDICULAR TO THE BASELINE SHOWN ON SHEETS PV-1, PV-2, PV-3, PV-4 AND PV-5.
- CONTRACTOR WILL ONLY BE PAID FOR SAND PLACED WITHIN THE LINES AND GRADES AS SHOWN ON SHEETS PV-1, PV-2 PV-3, PV-4 AND PV-5.
- COORDINATES ARE IN FEET BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
- ELEVATIONS ARE IN FEET REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

**CERTIFICATION:**  
 I CERTIFY THAT THESE PLANS ARE IN COMPLIANCE WITH THE APPLICABLE SECTIONS OF 62B-41, F.A.C.

THOMAS P. PIERRÓ P.E. NO. 64683

DATE

**COASTAL PLANNING & ENGINEERING, INC.**  
 2481 N.W. BOCA RATON BOULEVARD  
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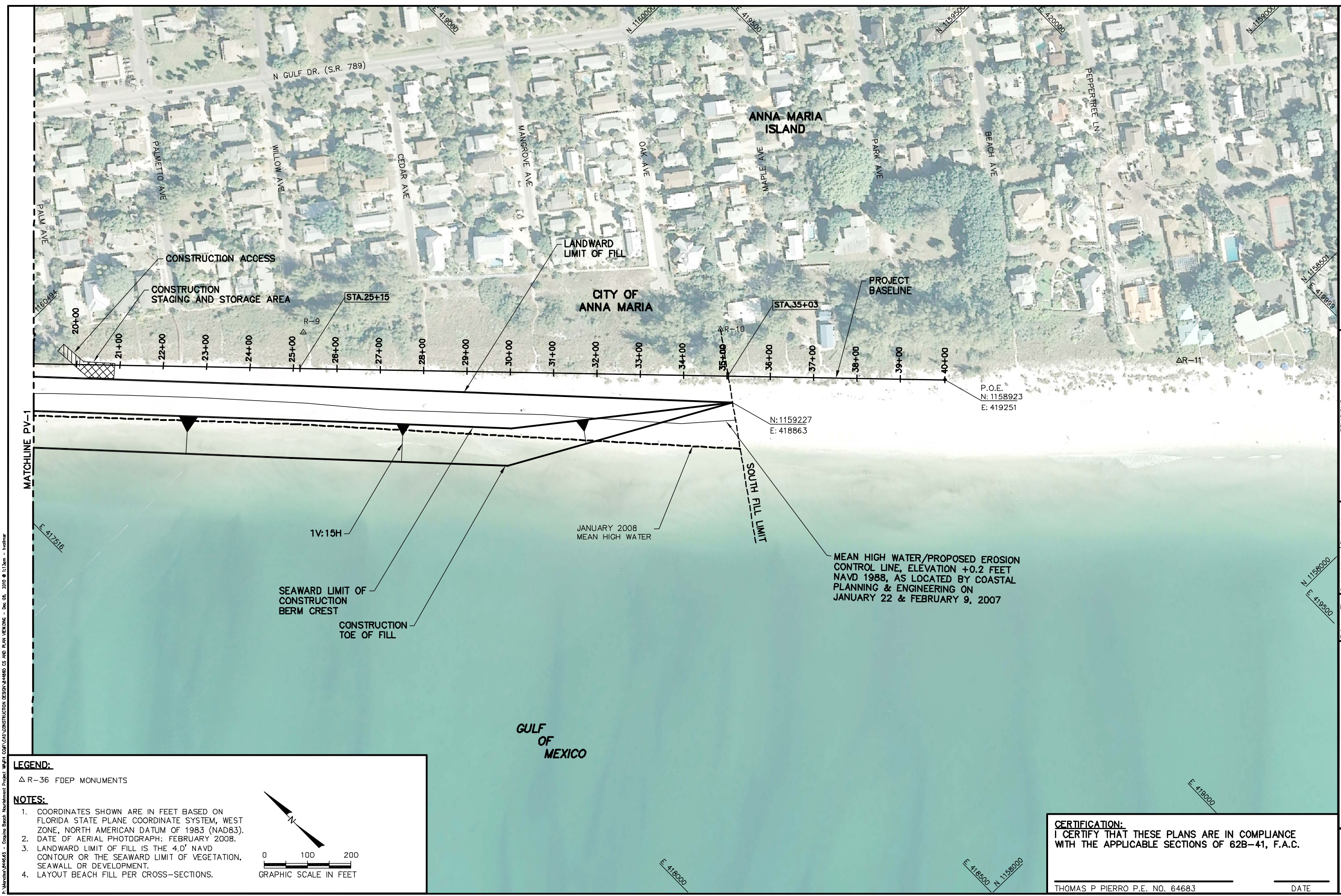
REVISIONS	Description	No.	Date

Reference Files: e:\cpe\anncs	Designed by: TP	Checked by: AMB
Drawn by: JRC	Date: 1/26/10	Reviewed by: TP
Submitted by: MR	Print Scale: AS NOTED	Submitted by: MR
		Comm. No.: B448.65

ANNA MARIA ISLAND  
 BEACH NOURISHMENT PROJECT  
 MANATEE COUNTY, FLORIDA  
**CONTROL SHEET**

DRAWING NO.  
**CD**  
 SHEET 2 OF 13

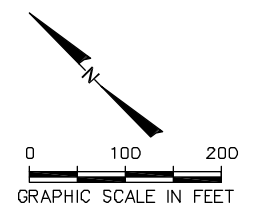




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**LEGEND:**  
 Δ R-36 FDEP MONUMENTS

- NOTES:**
- COORDINATES SHOWN ARE IN FEET BASED ON FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83). DATE OF AERIAL PHOTOGRAPH: FEBRUARY 2008.
  - LANDWARD LIMIT OF FILL IS THE 4.0' NAVD CONTOUR OR THE SEAWARD LIMIT OF VEGETATION, SEAWALL OR DEVELOPMENT.
  - LAYOUT BEACH FILL PER CROSS-SECTIONS.



**CERTIFICATION:**  
 I CERTIFY THAT THESE PLANS ARE IN COMPLIANCE WITH THE APPLICABLE SECTIONS OF 62B-41, F.A.C.

THOMAS P. PIERRÓ P.E. NO. 64683 \_\_\_\_\_ DATE \_\_\_\_\_

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 C.O.A. LA #2531



REVISIONS	No.	Date	Description

Designed by:	Checked by:
Drawn by:	Reviewed by:
Date:	Submitted by:
Proj. No.:	Comm. No.:
44663.65	84463.65

ANNA MARIA ISLAND  
 BEACH NOURISHMENT PROJECT  
 MANATEE COUNTY, FLORIDA  
 CITY OF ANNA MARIA  
 PLAN VIEW

DRAWING NO.  
**PV-2**  
 SHEET 4 OF 13