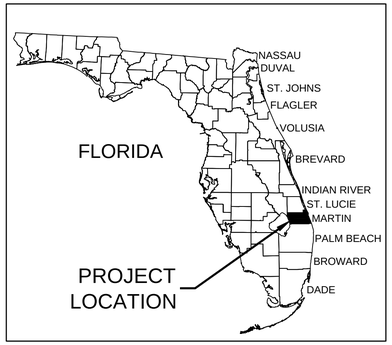
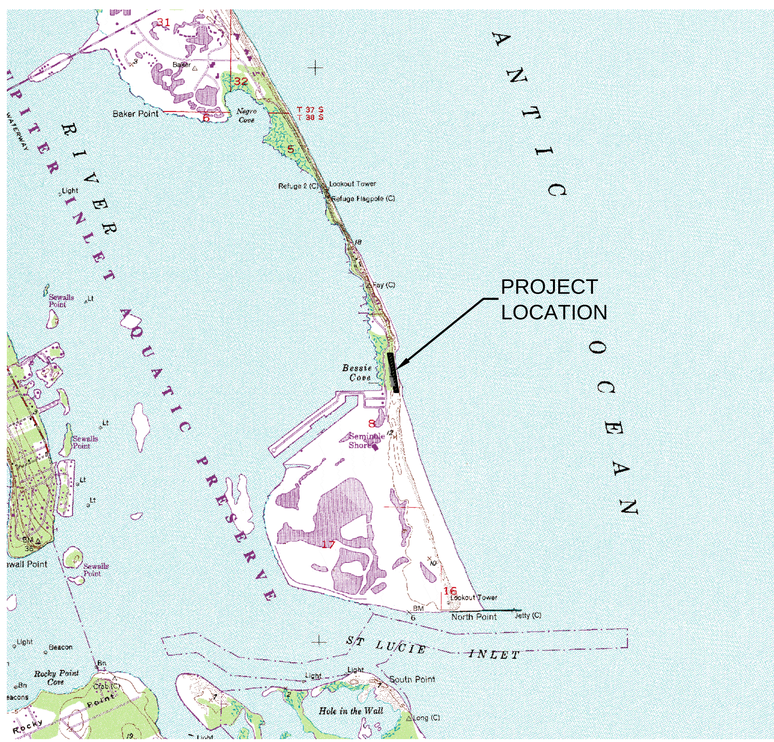
BATHTUB BEACH EMERGENCY DUNE PROJECT

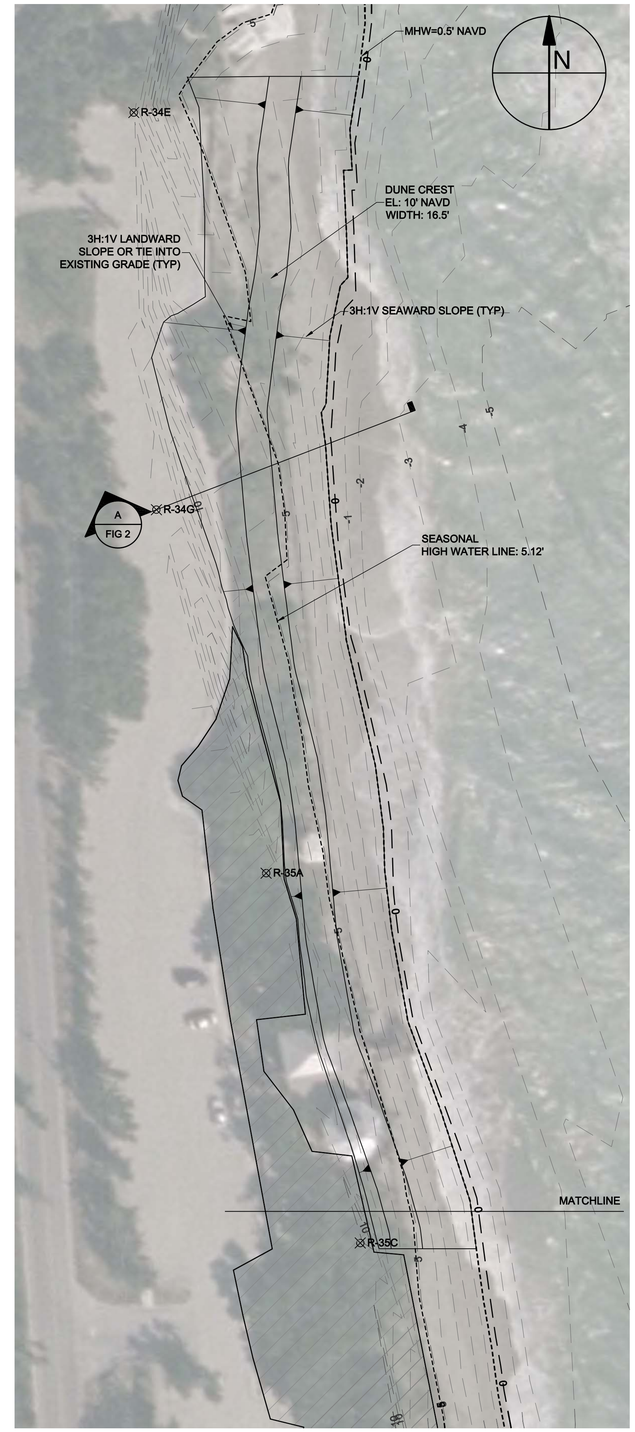
MARTIN COUNTY, FLORIDA



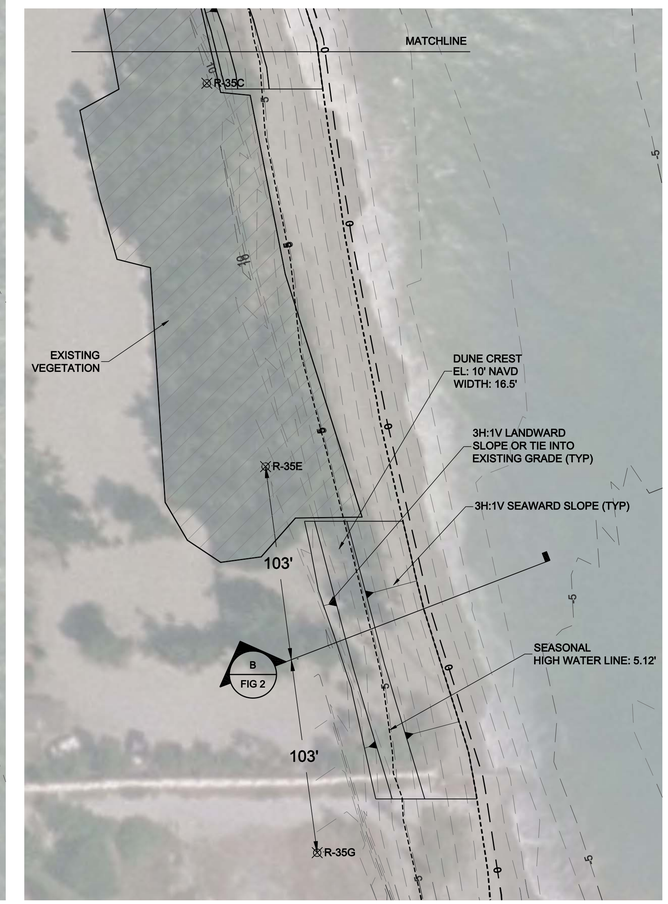
FLORIDA KEY MAP
N.T.S.



LOCATION MAP
22X34: 1" = 2,000'
11X17: 1" = 4,000'
0 2,000' 4,000'



BEACH FILL PLAN
22X34: 1" = 40'
11X17: 1" = 80'
0 40' 80'



MONUMENT TABLE

MONUMENT	EASTING	NORTHING
R-34C	929082.74	1038586.35
R-34D	929053.71	1038468.09
R-34E	929020.95	1038348.39
R-34G	929032.91	1038138.76
R-35A	929090.80	1037946.90
R-35C	929140.47	1037751.73
R-35E	929171.47	1037549.40
R-35G	929198.74	1037345.64

GENERAL NOTES

1. ELEVATIONS SHOWN IN THE DRAWINGS ARE IN FEET AND REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).
2. BEARINGS AND COORDINATES REFERENCE FLORIDA STATE PLANE COORDINATE SYSTEM, NAD 83, EAST ZONE (901).
3. EXISTING BATHYMETRIC AND TOPOGRAPHIC ELEVATIONS ARE BASED ON SURVEY PERFORMED BY MORGAN & EKLUND, INC. IN MAY 2008. ACTUAL CONDITIONS MAY VARY FROM THOSE SHOWN.
4. THE AERIAL PHOTOGRAPHY OBTAINED FROM 2007 PICKETT & ASSOCIATES, INC PHOTOGRAPHY. THE AERIAL PHOTOGRAPHY IS PRESENTED FOR GENERAL INFORMATION ONLY.
5. QUAD REFERENCE: ST. LUCIE INLET, FL, 27080-B2-TF-024, 1948, PHOTOREVISED 1983.

TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FLORIDA 32256
(904)-731-7040
1675 PALM BEACH LAKES, SUITE 210
WEST PALM BEACH, FLORIDA 33401
(561)-640-7310
CERTIFICATE OF AUTHORIZATION # 4815

SEAL

MICHAEL R. KRECIC, FL. P.E.# 57509

PROJECT TITLE

BATHTUB BEACH EMERGENCY DUNE PROJECT
MARTIN COUNTY, FLORIDA

Call (2) Business Days Before you Dig. It's the Law!!!

Sunshine State One Call of Florida, Inc.
1-800-432-4770

NO	ZONE	REVISIONS / SUBMISSIONS	DATE

PROJECT NO	C2008-086
DATE	MAR 2009
DESIGNED	KO
DRAWN	AF
CHECKED	KO
REVIEWED	MRK
SCALE	AS SHOWN

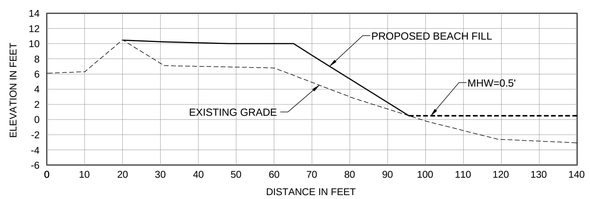
DRAWING TITLE

LOCATION MAP, SITE PLAN

FIGURE 1

SHEET 1 OF 2

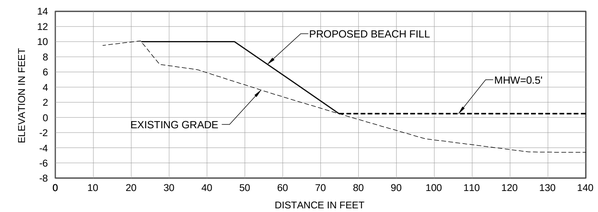
ANTON FLEWELLING, 3/6/2009 12:41:00 PM, X:\sysVault_Projects\c2008-039 Bathtub Beach Fill Design\Figures\c2008-039-F-EmergencyDune with Planting RAI2.dwg



A
FIG 1

BEACH FILL SECTION A

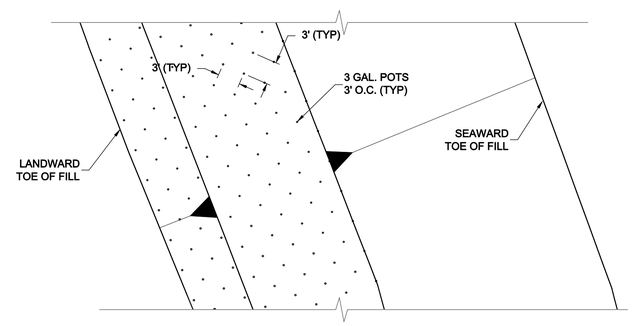
22X34: 1" = 20'
11X17: 1" = 40'
2X VERTICAL EXAGGERATION



B
FIG 2

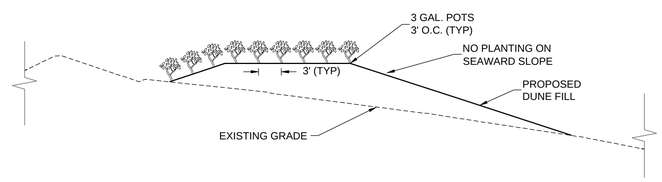
BEACH FILL SECTION B

22X34: 1" = 20'
11X17: 1" = 40'
2X VERTICAL EXAGGERATION



DUNE PLANTING TYPICAL PLAN

22X34: 1" = 10'
11X17: 1" = 20'



DUNE PLANTING TYPICAL SECTION

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11X17: 1" = 20'

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PROJECT
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NO.	ZONE	REVISIONS / SUBMISSIONS	DATE

PROJECT NO	C2008-086
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DESIGNED	KO
DRAWN	AF
CHECKED	KO
REVIEWED	MRK
SCALE	AS SHOWN

DRAWING TITLE

SECTIONS AND DUNE PLANTING

FIGURE 2

SHEET 2 OF 2

ANTON FLEWELLING , 3/6/2009 12:41:21 PM , X:\sys\Vault_Projects\c2008-039 Bathtub Beach Fill Design\Figures\c2008-039-F-Emergency\Dune with Planting RAI2.dwg