North Boca Raton Beach Preservation and Storm Damage Reduction Project

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DIVISION OF WATER RESOURCE MANAGEMENT

PERMIT # 261490004

Lake Okeechobee

GULF OF MEXICO

Palm Beach County

PROJECT SITE

Title Page / Location Map

North Boca Raton Beach Preservation and Storm Damage Reduction Project

Sheet: 01

Job Number: 13-2472

Issue Date: 07-17-2013

For Permitting Purposes Only
NOT FOR CONSTRUCTION

Peter M Siecle
Professional Engineer
Florida License Number 59483
Segment 1 - Plan View
(R-205 to R-212+181')

North Boca Raton Beach Preservation and Storm Damage Reduction Project
Segment 1 - Plan View
(R-205 to R-212+181')

North Boca Raton Beach Preservation and Storm Damage Reduction Project

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Florida License Number 59493

LEGEND
- EXISTING MEAN HIGH WATER (NOV. 2012)
- CONSTRUCTION LANDWARD LIMIT OF FILL
- CONSTRUCTION BERM
- CONSTRUCTION MEAN HIGH WATER
- CONSTRUCTION TOE OF FILL
- ANTICIPATED EQUILIBRIUM TOE OF FILL
- ECL
- EROSION CONTROL LINE
- FWRI CORAL REEF MAPPING
- DEP MONUMENTS

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Segment 2 - Plan View (R-216 to H-222)

North Boca Raton Beach Preservation and Storm Damage Reduction Project
Segment 2 - Plan View
(R-216 to H-222)

North Boca Raton Beach Preservation and Storm Damage Reduction Project
Segment 1 - Profile View
(R-205 to R-212+181')
North Boca Raton Beach Preservation
and Storm Damage Reduction Project

NOTE: TOPOGRAPHIC AND BATHYMETRIC SURVEYS PERFORMED BY APPLIED TECHNOLOGY AND MANAGEMENT.
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Segment 1 - Profile View (R-205 to R-212+181')
North Boca Raton Beach Preservation and Storm Damage Reduction Project

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Florida License Number 59493

Peter N. Bledsoe
Professional Engineer

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NOTE: TOPOGRAPHIC AND BATHYMETRIC SURVEYS PERFORMED BY APPLIED TECHNOLOGY AND MANAGEMENT

LEGEND
- NOV. 2012 SURVEY PROFILES
- JUNE 2012 SURVEY PROFILE
- CONSTRUCTION TEMPLATE
- ANTICIPATED EQUILIBRIUM PROFILE (SEGMENT 1)
- 50' FEDERAL DESIGN

Segment 1 - Profile View
(R-205 to R-212+181')
North Boca Raton Beach Preservation
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**T-215 PROFILE**

- NO FILL
- MHW 0.44'

**R-216 PROFILE**

- BERM 6.60'
- MHW 0.44'

**Legend**

- NOV. 2012 SURVEY PROFILES
- JUNE 2012 SURVEY PROFILE
- CONSTRUCTION TEMPLATE
- ANTICIPATED EQUILIBRIUM PROFILE (R-216 to R-219)

**Note:** Topographic and bathymetric surveys performed by Applied Technology and Management.
H-222 (50' OFFSET) PROFILE

NO FILL

DISTANCE FROM MONUMENT (FT)

ELEVATION (NAVD FT)

LEGEND

- NOV. 2012 SURVEY PROFILES
- JUNE 2012 SURVEY PROFILE
- CONSTRUCTION TEMPLATE
- ANTICIPATED EQUILIBRIUM PROFILE (R-220 to R-222)

NOTE: TOPOGRAPHIC AND BATHYMETRIC SURVEYS PERFORMED BY APPLIED TECHNOLOGY AND MANAGEMENT.
Borrow Area 1
North Boca Raton Beach Preservation and Storm Damage Reduction Project

PERMIT # 261499004

Sheet: 24
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Borrow Area 3
North Boca Raton Beach Preservation and Storm Damage Reduction Project

Permit # 261499004

Note: All coordinates are relative to NAD83 Florida State Plane, East Zone, US Feet. Contours were derived from LIDAR data provided to the LIDAR Corporation and dated 2012.

Legend:
- Borrow Area Delineations
- 2004 CPE Survey
- FWC FWRI Coral Reef Mapping
- Egress/Egress Corridor
- Location of Vibracore (Source: Ross Database)
- 800' Hardbottom Monitoring Zone - Additional Protocol
- Cultural Resource (No Dredge Zone)
- Estimated Region of Buried Communications Cable
- Area of Known Conduit

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Borrow Area 2 (North) Cut Locations

North Boca Raton Beach Preservation and Storm Damage Reduction Project

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BORROW AREA 1 - AA' SECTION

BORROW AREA 1 - BB' SECTION

CORE LEGEND

LEGEND

2002 LADS SURVEY PROFILES
DREDGE AREA

Borrow Area Sections
North Boca Raton Beach Preservation and Storm Damage Reduction Project

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