

# PUBLIC NOTICE

US Army Corps  
of Engineers  
New York District  
Jacob K. Javits Federal Building  
New York, N.Y. 10278-0090  
ATTN: Regulatory Branch

In replying refer to:

Public Notice Number: NAN-2008-00809-EHA

Issue Date: August 15, 2008

Expiration Date: September 15, 2008

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Incorporated Village of Ocean Beach, Seaview Beach Erosion Control District (BECD), Ocean Bay Park, Fire Island Summer Club/Corneille Estates  
c/o Joseph Loeffler  
PO Box 457  
Ocean Beach, New York 11770

ACTIVITY: Dredge sand from Atlantic Ocean borrow area and place material for beach nourishment

WATERWAY: Atlantic Ocean

LOCATION: Incorporated Village of Ocean Beach, Seaview, Ocean Bay Park, Fire Island Summer Club/Corneille Estates, Town of Brookhaven, Town of Islip, Suffolk County, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE**, otherwise, it will be presumed that there are no objections to the activity.

CENAN-OP-RE

PUBLIC NOTICE NO. NAN-2008-00809-EHA

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

The New York District of the U.S. Army Corps of Engineers is serving as a cooperating agency involved in the preparation of an Environmental Assessment by the U.S. Department of the Interior, National Park Service, Fire Island National Seashore.

Information on project impacts to Endangered and Threatened Species, Essential Fish Habitat, and sites included in or eligible for inclusion in the National Register of Historic Places can be found in the Environmental Assessment. The point of contact for the Environmental Assessment is Michael Bilecki, Chief of Resources Management, Fire Island National Seashore at Michael\_Bilecki@nps.gov.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occurs. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, 99 Washington Avenue, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation
- U.S. Department of the Interior, National Park Service, Fire Island National Seashore
- Town of Brookhaven, Town of Islip

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 790-8523 and ask for Naomi Handell.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>

*For / Richard L. Tomer*  
Richard L. Tomer  
Chief, Regulatory Branch

Enclosures

## WORK DESCRIPTION

The applicants, the Incorporated Village of Ocean Beach, Seaview BECD, Ocean Bay Park, Fire Island Summer Club/Corneille Estates have requested Department of the Army authorization to dredge beach compatible sandy material from the Atlantic Ocean at the U.S. Army Corps of Engineers Borrow Area 2-West and place the material for beach nourishment at Incorporated Village of Ocean Beach, Seaview, Ocean Bay Park, Fire Island Summer Club/Corneille Estates, Town of Brookhaven, Town of Islip, Suffolk County, New York.

The work would involve dredging approximately 570,000 cubic yards of beach compatible sand from an offshore borrow area located 1 mile south of the communities in the Corps of Engineers Borrow Area 2-West (see Sheets BA-5 and BA-6). The borrow area has existing water depths between 48 and 60 feet at mean low water and the dredging cut would have a maximum depth of approximately 10 feet below the sediment surface (See Sheet BA-7). Dredging would be accomplished using a hydraulic cutterhead dredge connected to a submerged pipeline that would transport the material directly to the beach or a hopper dredge, which would collect sand directly then travel to a location where the sand would be pumped through a submerged pipeline onto the beach. The pipeline would be extended along the beach as construction progresses.

The resultant dredged material, composed of 96% sand and 4% silt, would be deposited for beach nourishment in the following manner (see Sheet PV-1, PV-2, PV-3, PR-1, PR-2, PR-3 and PR-4):

- 259,500 cubic yards of dredged material would be deposited waterward of the spring high water line (SHWL); approximately 1,961,647 square feet of beach area waterward of the SHWL would be affected;
  - The deposition area measures approximately 8,103 feet long by varying width up to 455 feet wide, including a 500 foot taper at the east terminus of the placement area;
  - The proposed beach berm elevation is 9 feet NVGD (7.9 feet NAVD) with a dune elevation of 15 feet NVGD feet (13.9 feet NAVD);
  - The proposed slope between the dune crest and the beach berm is 1:5;
  - The proposed slope between the beach berm and mean tide is 1:10;
  - The added width after equilibrium will average 70 feet.

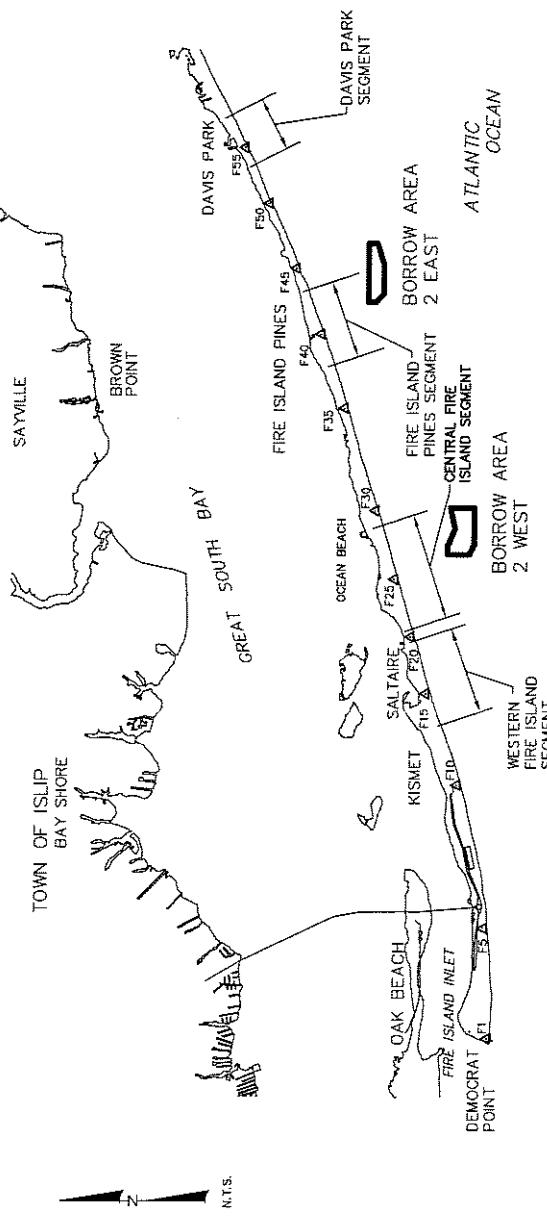
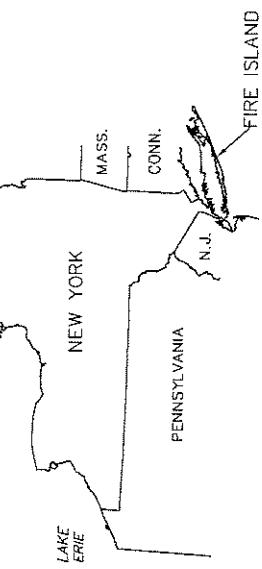
The stated purpose of this project is to restore the protective features of the beach and dune system which have been diminished due to erosion.

# CENTRAL FIRE ISLAND SEGMENT FIRE ISLAND 2008 BEACH RENOURISHMENT PROJECT

TOWN OF ISLIP, NEW YORK  
CORNEILLE ESTATES/SUMMER CLUB  
SEAWIEW



TOWN OF BROOKHAVEN, NEW YORK  
SEAVIEW  
OCEAN BAY PARK



## INDEX TO SHEETS

	COVER SHEET	CENTERAL FIRE ISLAND PLAN VIEWS	CENTERAL FIRE ISLAND BEACH PROFILES
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6-9			BORROW AREA 2, WEST BATHOMETRY
BA-1			BORROW AREA 2, WEST ISOPACH
BA-5			BORROW AREA 2, WEST CROSS SECTIONS
BA-6			
BA-7			

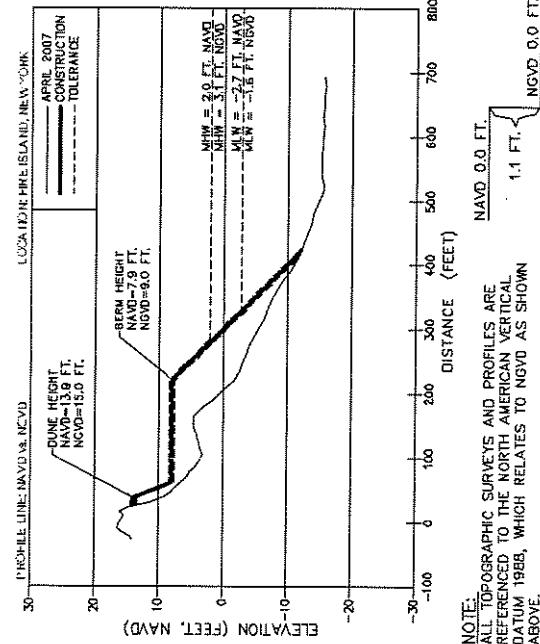
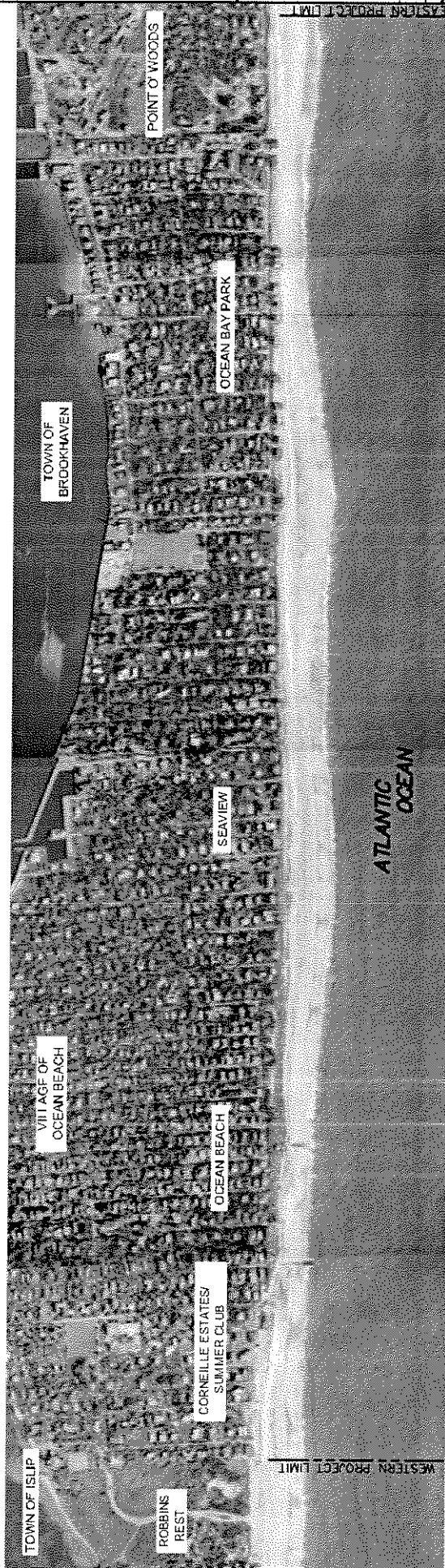
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BA-5			BORROW AREA 2, WEST CROSS SECTIONS
BA-6			
BA-7			

PROFILE	CENTRAL FIRE ISLAND, FIRE ISLAND, NEW YORK	
	RANGE 00 (COMMENCEMENT POINT)	AZIMUTH
CFI-1	1216239.5	174445.8
CFI-1+195	1216403.0	174563.5
CFI-2	1216588.1	174594.7
CFI-3	1217350.4	174775.1
CFI-4	1217758.2	174876.4
CFI-5	1218133.0	174933.1
CFI-6	1218428.6	175030.1
CFI-7	1218938.2	175179.3
CFI-8	1219389.8	175358.2
CFI-9	1219615.8	175358.2
CFI-10	1220156.4	175427.3
CFI-11	1220518.3	175570.6
CFI-12	1220529.8	175741.2
CFI-13	1221275.7	175810.1
CFI-14	1221663.4	175949.7
CFI-15	1222061.2	176054.5
CFI-16	1222457.0	176128.6
CFI-17	1222532.5	176339.6
CFI-18	1223361.5	176427.6
CFI-19	1223792.0	176540.2
CFI-20	1224243.2	176735.1
CFI-21	1224548.3	176815.7
CFI-21+190	1224720.2	176879.1

COVER SHEET		CENTRAL FIRE ISLAND SEGMENT		2008 BEACH RENOURISHMENT PROJECT	
AS/NZS NOTE	AS/NZS NOTE	AS/NZS NOTE	AS/NZS NOTE	AS/NZS NOTE	AS/NZS NOTE
DATE	DATE	DATE	DATE	DATE	DATE
NAME	NAME	NAME	NAME	NAME	NAME
C.O.A. NY 8482					
BODCA RATION, FLORIDA STATE 2671 NY BODCA RATION HOLDERS PH (951) 391-0146 FAX (951) 391-0146					
www.GoldenPipingEngineering.com					
COSTAL PLANNING & ENGINEERING OF NY PC					
DRAFTING NO. CS DRAWING NO. CS SHEET 1 OF 13 DATE THOMAS J. CAMPBELL, P.E. NO. 55457 SHEET 1 OF 13 DATE					

# CENTRAL FIRE ISLAND



THOMAS J CAMPBELL, P.E. NO. 58457

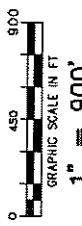
DATE

SHEET 2 OF 13

AP

DATE

10



ALHILY PLATINUM

2008 BEACH REINFORCEMENT PROJECT

FIRE ISLAND, NEW YORK

CENTRAL FIRE ISLAND SEGMENT

CORPORATION FOR THE  
PROTECTION OF THE  
ATLANTIC COASTLINE

2601 NW BOCCA RIVERWOODS DR  
FLL 33431-6102

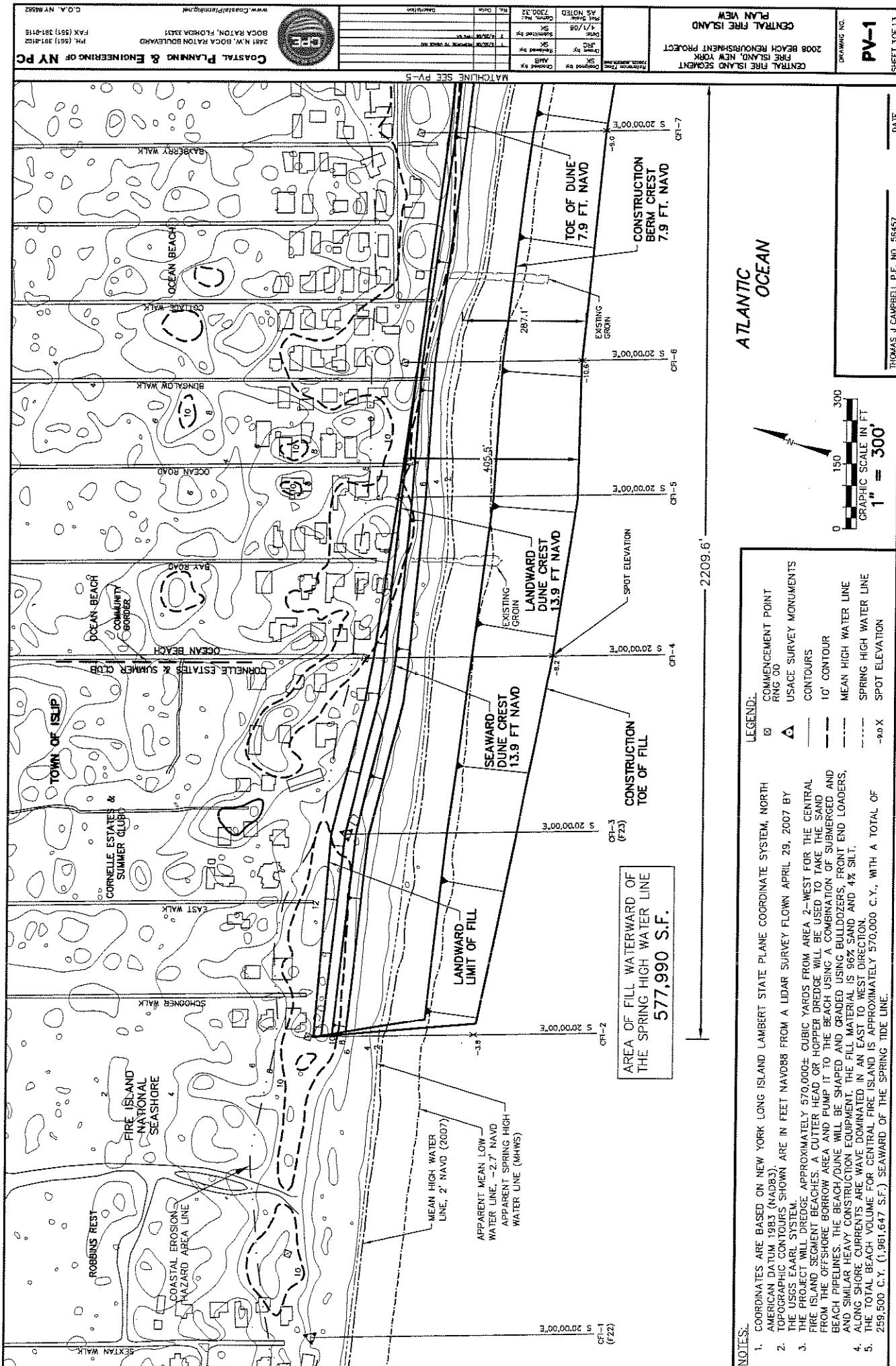
FAX 754-3914-116

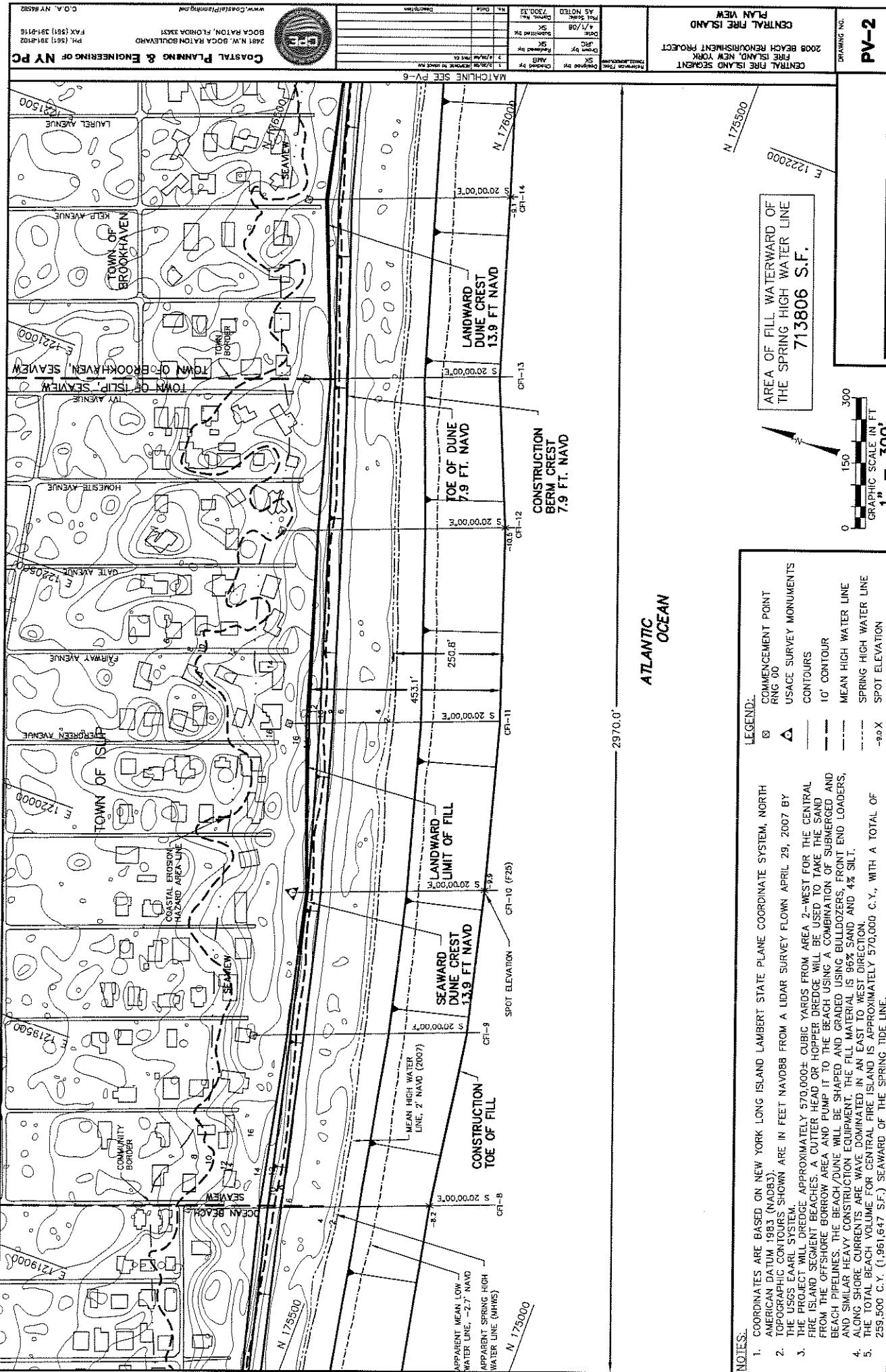
W.W. GOLDBECK/PARKER GROUP INC

C.O.A. NO. 5850

NAN-2008-00809-EHA

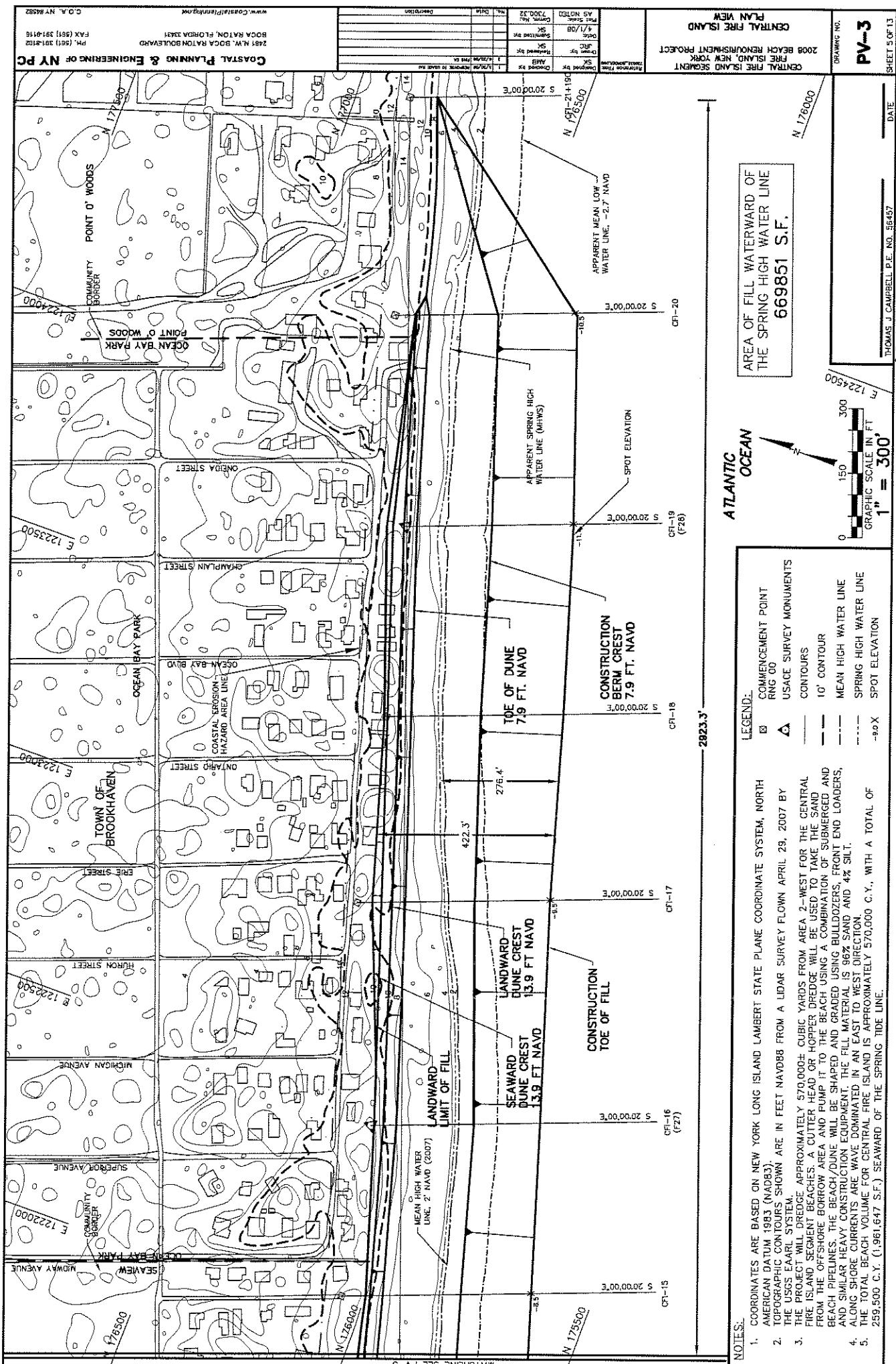
Sheet 2 of 13





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Sheet 4 of 13



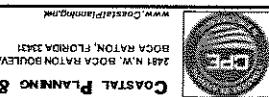
AREA OF FILL WATERWARD OF  
THE SPRING HIGH WATER LINE  
**669851 S.F.**

**ATLANTIC**  
**OCEAN**

GRAPHIC SCALE IN FT  
**1" = 300'**

LEGEND:  
■ COMMENCEMENT POINT  
△ SURVEY MONUMENTS  
— CONTOURS  
— MEAN HIGH WATER LINE  
--- SPRING HIGH WATER LINE

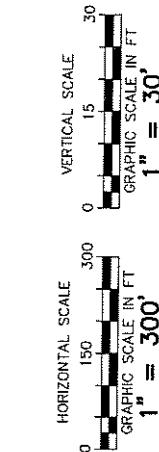
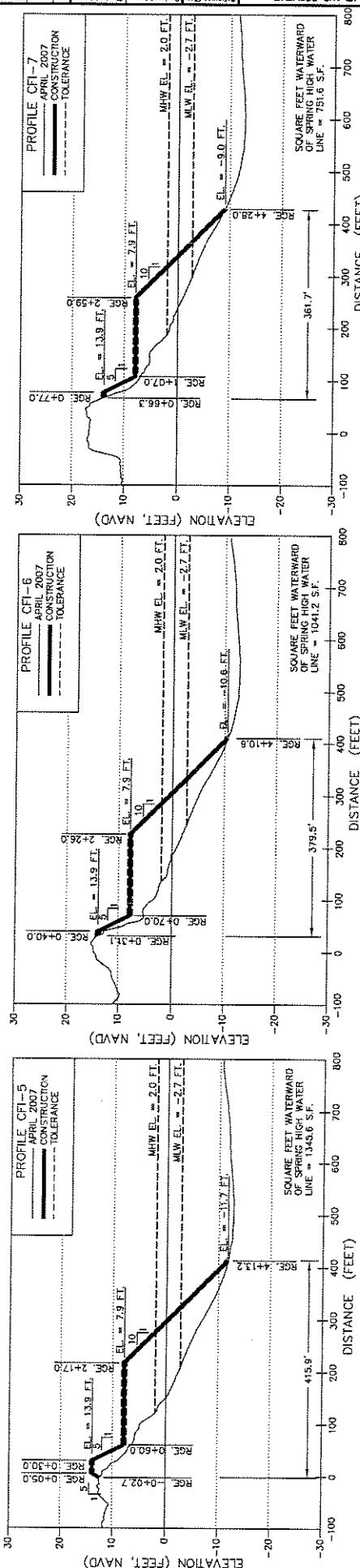
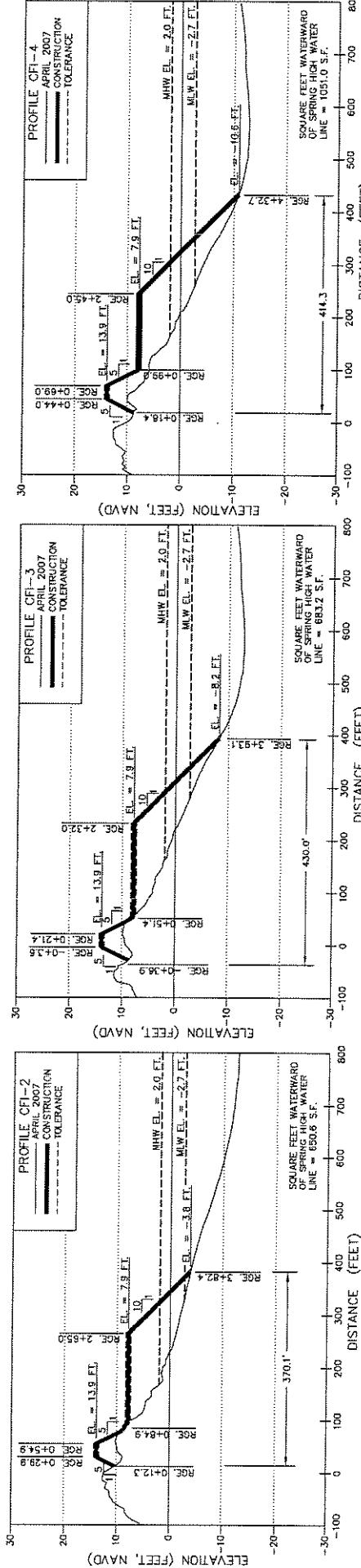
- NOTES:
1. COORDINATES ARE BASED ON NEW YORK LONG ISLAND LAMBERT STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983 (NAVD83).
  2. TOPOGRAPHIC CONTOURS SHOWN ARE IN FEET NAVD83 FROM A LIDAR SURVEY FLOWN APRIL 29, 2007 BY THE USGS EAAL SYSTEM.
  3. THE PROJECT WILL DREDGE APPROXIMATELY 570,000± CUBIC YARDS FROM AREA 2-WEST FOR THE CENTRAL FIRE ISLAND SEGMENT BEACHES. A CUTTER HEAD OR HOPPER DREDGE WILL BE USED TO TAKE THE SAND FROM THE OFF-SHORE BORROW AREA AND PUMP IT TO THE BEACH USING A COMBINATION OF SUBMERGED AND BEACH PIPE LINES. THE BEACH/DUNE WILL BE SHAPED AND GRADED USING BULLDOZERS, FRONT END LOADERS, AND SIMILAR HEAVY CONSTRUCTION EQUIPMENT. THE FILL MATERIAL IS 96% SAND AND 4% SILT.
  4. ALONG-SHORE CURRENTS ARE WAVE DOMINATED IN AN EAST TO WEST DIRECTION.
  5. THE TOTAL BEACH VOLUME FOR CENTRAL FIRE ISLAND IS APPROXIMATELY 570,000 C.Y., WITH A TOTAL OF 259,500 C.Y. (1,961,647 S.F.) SEAWARD OF THE SPRING TIDE LINE.



SHEET 6 OF 13

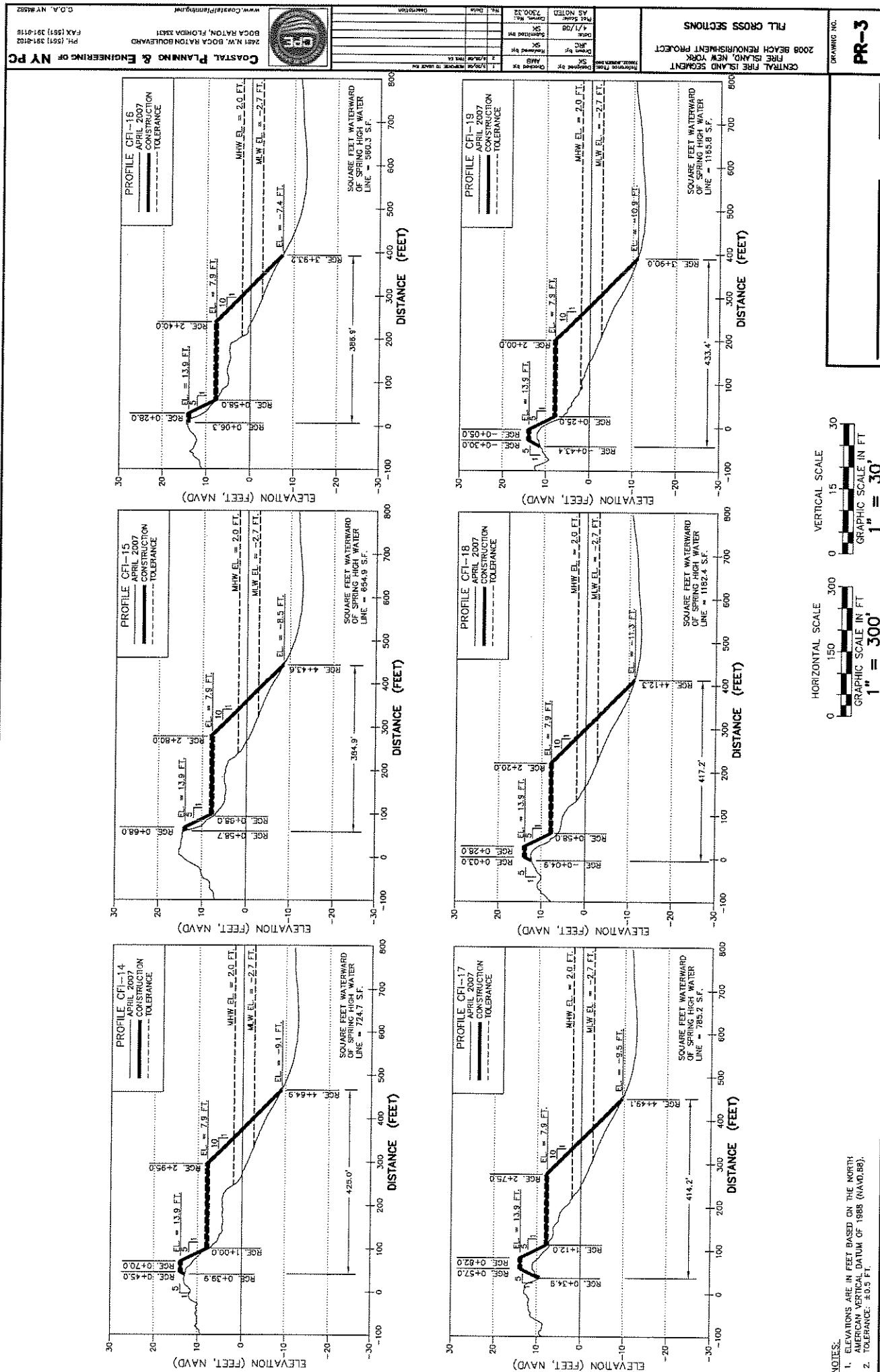
NAN-2008-00809-CHA

THOMAS J CAMPBELL P.E. NO. 36557



- NOTES:**
- ELEVATIONS ARE IN FEET BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
  - TOLERANCE:  $\pm 0.5$  FT.





**NOTES:**

- ELEVATIONS ARE IN FEET BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- TOLERANCE:  $\pm 0.5$  FT.

HORIZONTAL SCALE  
GRAPHIC SCALE IN FT  
 $1'' = 300'$

VERTICAL SCALE  
GRAPHIC SCALE IN FT  
 $1'' = 30'$

NOTES

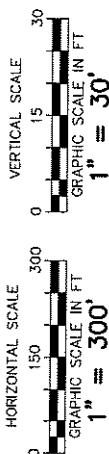
1. ELEVATIONS ARE IN FEET BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).  
2. TOLERANCE:  $\pm 0.5$  FT.



**CASUAL PLANNING & ENGINEERING OF NY PC**  
**CENTRAL FIRE ISLAND SEGMENT**  
**FIRE ISLAND, NEW YORK**  
**2008 BEACH RENOURISHMENT PROJECT**  
**BODCA RTN, FLORIDA STATE**  
**PH. (561) 381-0116**  
**FAX (561) 381-0116**  
**www.CasualPlanning.com**  
**C.O.A. NO. 04592**

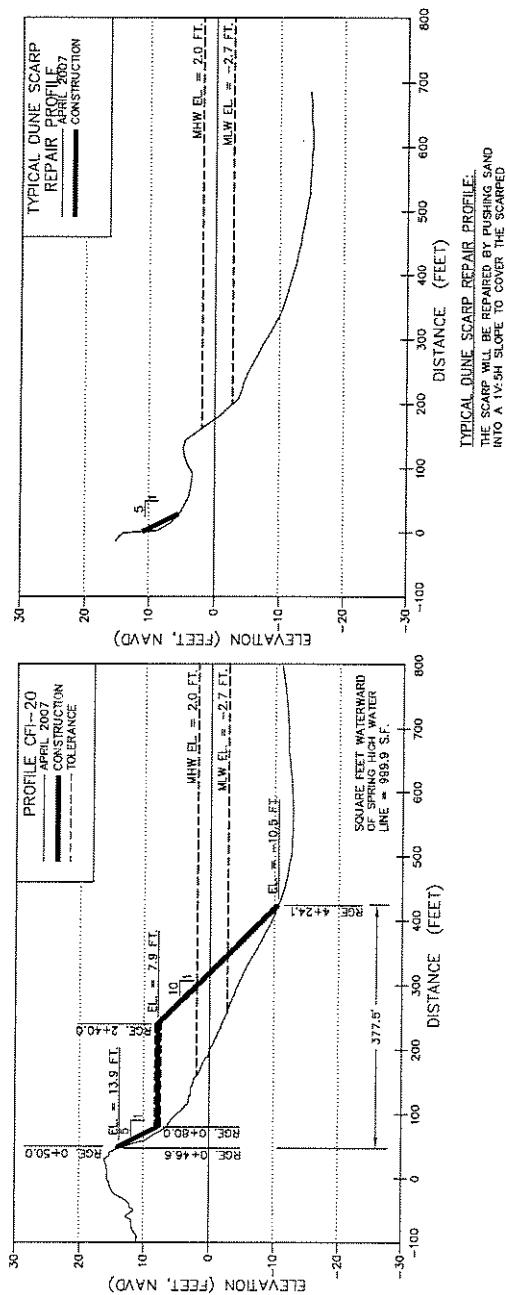
**PR-4**

DRAWING NO. **PR-4**  
SHEET 9 OF 13  
**THOMAS J. CAMPBELL, P.E., NO. 55457**  
DATE: **12/20/08**



**NOTES:**

- ELEVATIONS ARE IN FEET BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- TOLERANCE: ±0.5 FT.

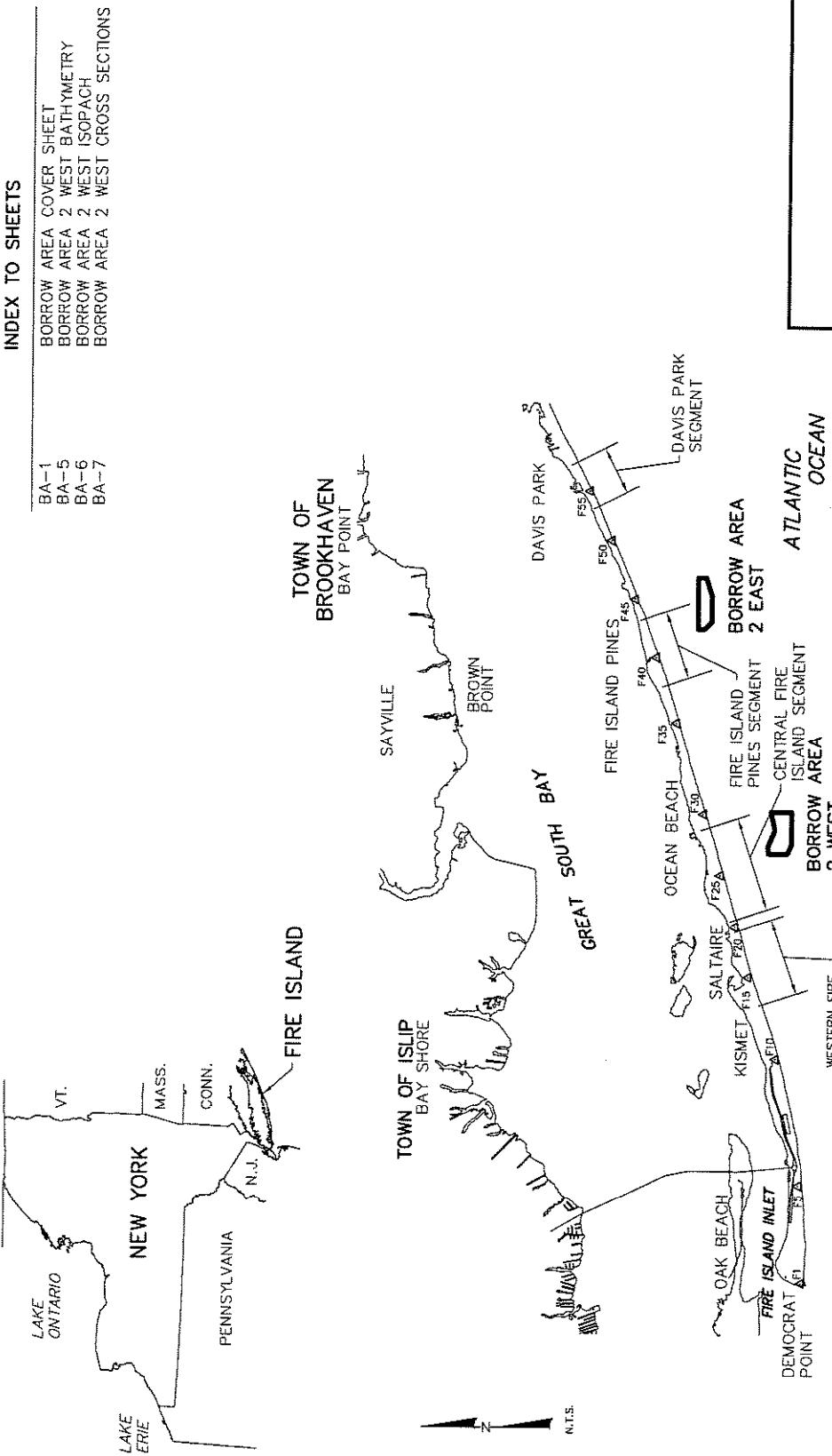


# FIRE ISLAND 2008 BEACH RENOURISHMENT PROJECT BORROW AREA PLANS FOR THE CENTRAL FIRE ISLAND SEGMENT



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	BORROW AREA COVER SHEET
BA-1	BORROW AREA 2 WEST BATHYMETRY
BA-5	BORROW AREA 2 WEST ISOPACH
BA-6	BORROW AREA 2 WEST CROSS SECTIONS
BA-7	



COSTAL PLANNING & ENGINEERING OF NY PC  
2008 BEACH RENOURISHMENT PROJECT  
2008 BEACH RENOURISHMENT PROJECT  
BOCA RATON, FLORIDA 33487  
PH. (361) 381-8116  
FAX (361) 381-8116  
www.coastalplanning.com

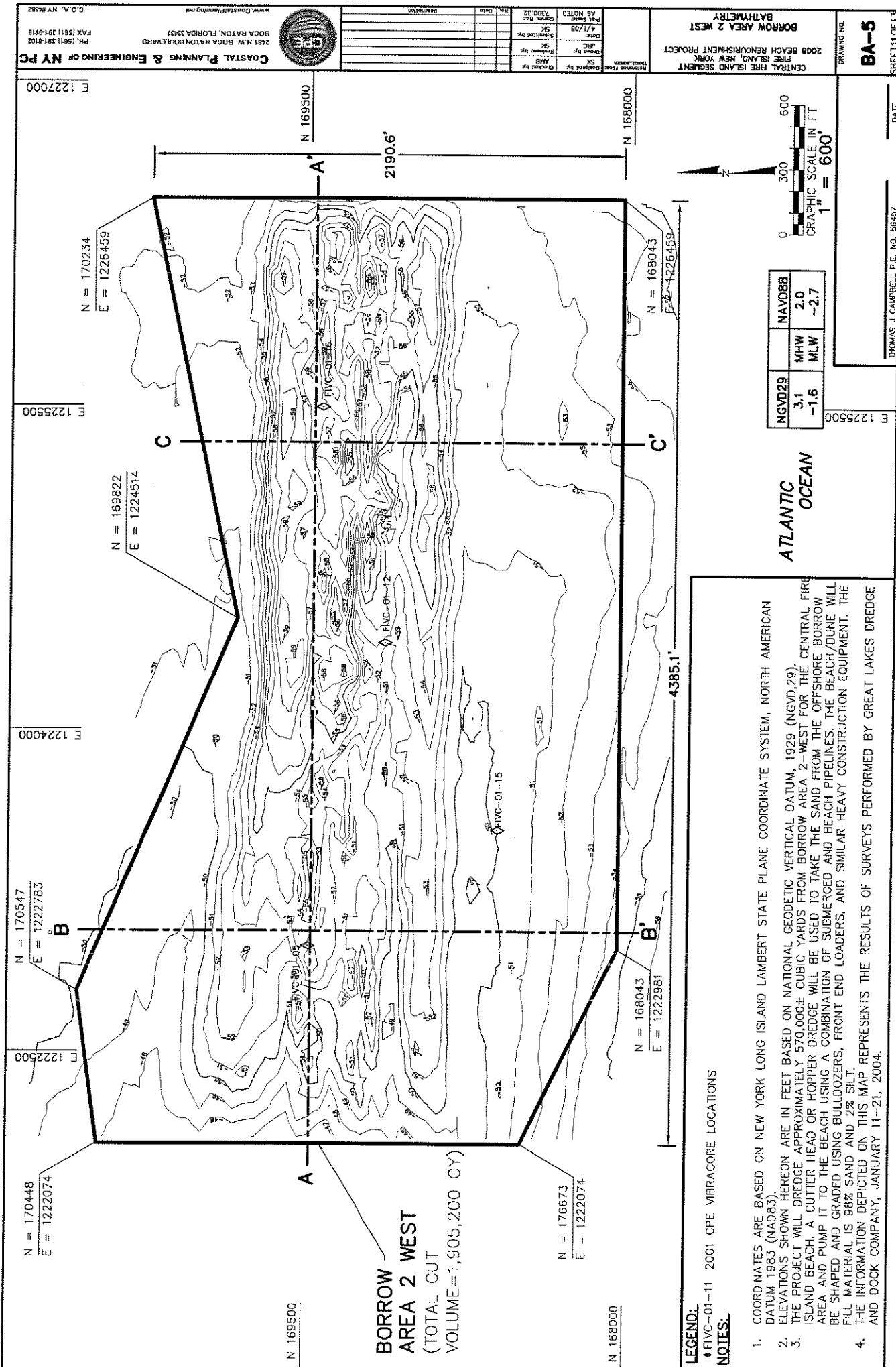
THOMAS J CAMPBELL P.E. NO. 564-67

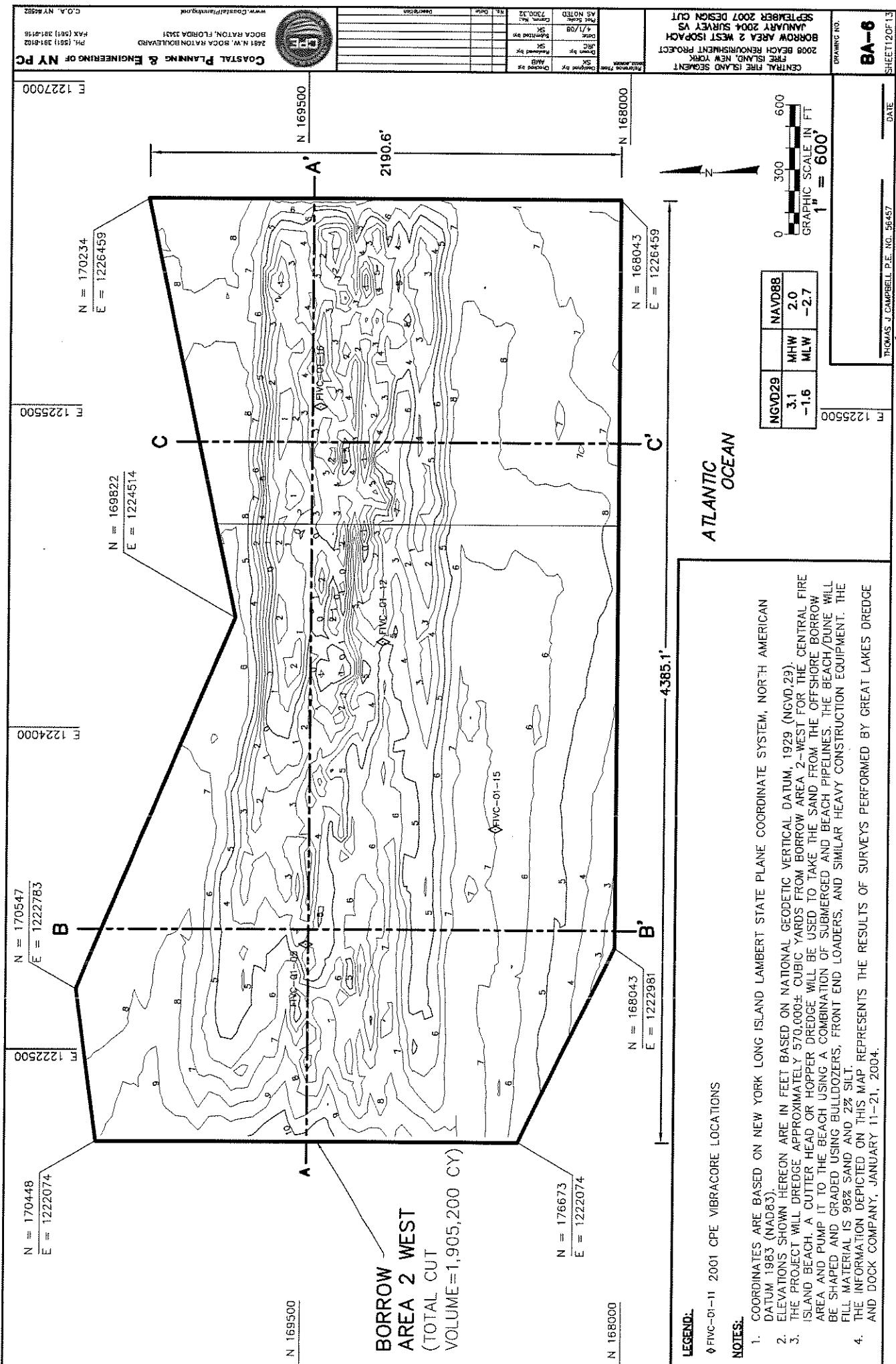
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BA-1

SHEET 10 OF 13

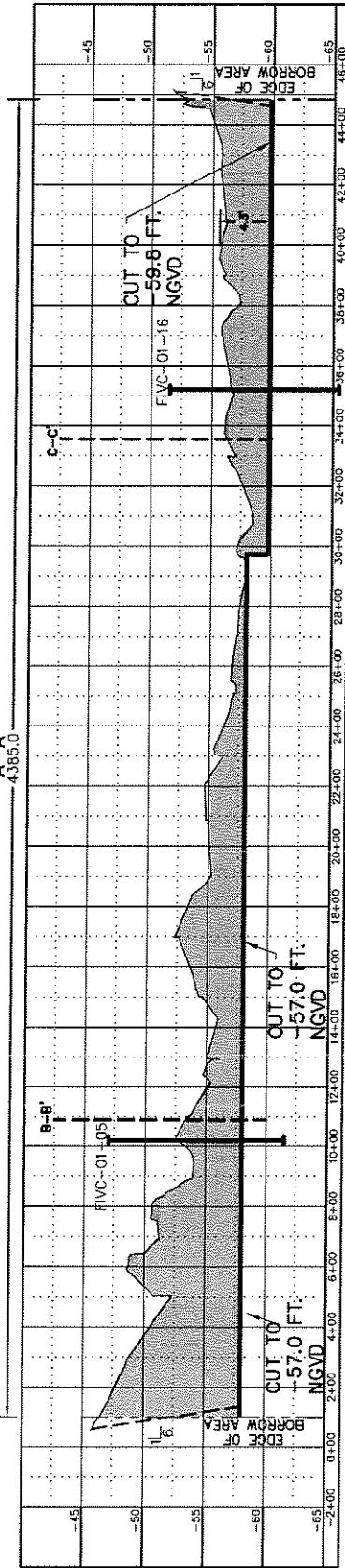
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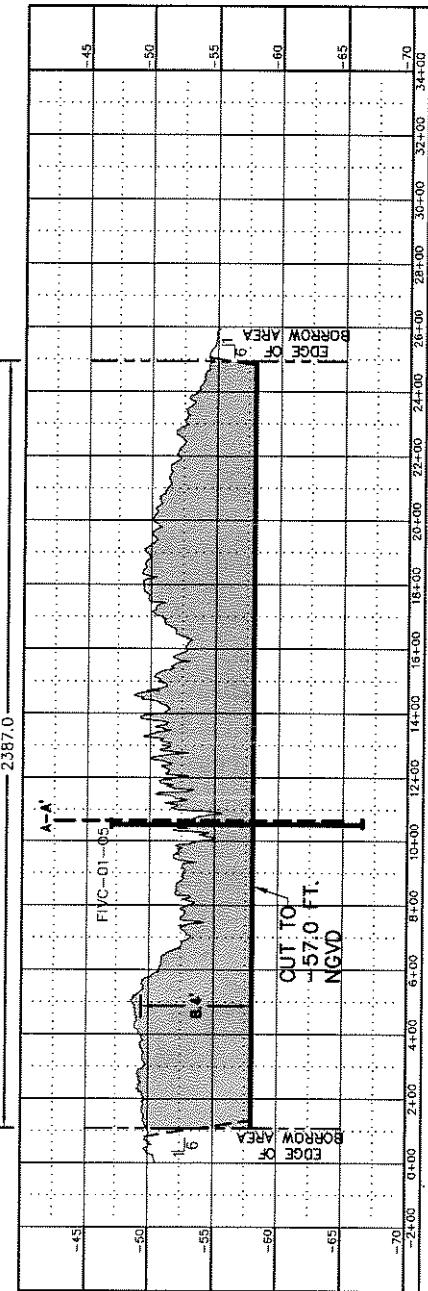




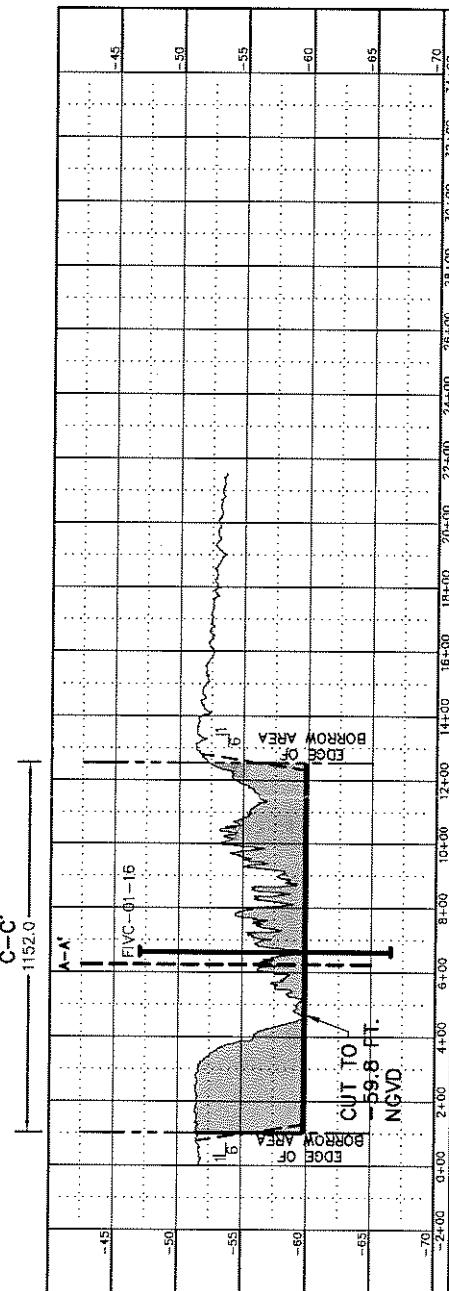
A-A'



B-B'



C-C'



## NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO CONTAIN SIMILAR MATERIAL.
2. SEE BA-2 & BA-3 FOR LOCATION OF CROSS SECTION LINES.
3. THE EXCAVATION DEPTH OF SAND IS LIMITED TO THE CUT LINE SHOWN, ALTHOUGH THE DREDGE CUTTER HEAD WILL EXTEND DEEPER TO ACHIEVE THIS CUT.
4. THE PROJECT WILL DREDGE APPROXIMATELY 570,000 CUBIC YARDS FROM AREA 2-WEST FOR THE CENTRAL FIRE ISLAND SEGMENT BEACHES. A CUTTER HEAD OR HOPPER DREDGE WILL BE USED TO TAKE THE SAND FROM THE OFFSHORE BORROW AREA AND PUMP IT TO THE BEACH USING A COMBINATION OF SUBMERGED AND BEACH PIPELINES. THE BEACH/DUNE WILL BE SHAPED AND GRADED USING BULLDOZERS, FRONT END LOADERS, AND SIMILAR HEAVY CONSTRUCTION EQUIPMENT. THE FILL MATERIAL IS 98% SAND AND 2% SILT.

## LEGEND:

BEACH COMPATIBLE SAND

HORIZONTAL SCALE  
GRAPHIC SCALE IN FT  
 $1'' = 600'$

VERTICAL SCALE  
GRAPHIC SCALE IN FT  
 $1'' = 15'$

BA-7

DRAWING NO. SHEET 13 OF 13 DATE

NAN-2008-00809-CHA

SHEET 13 OF 13

THOMAS J. CAMPBELL, P.E. NO. 56457

SHEET 13 OF 13