



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-2008-00505-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: Davis Park Beach Erosion Control District
c/o John Lund
PO Box 386
Sayville, New York 11782

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

WATERWAY: Atlantic Ocean

LOCATION: Davis Park, Town of Brookhaven, 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.

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

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>



Richard L. Tomer
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, Davis Park Beach Erosion Control District, has 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-East and place the material for beach nourishment at Davis Park, Town of Brookhaven, Suffolk County, New York.

The work would involve dredging approximately 305,000 cubic yards of beach compatible sand from an offshore borrow area located 3 miles southwest of the Davis Park community in the Corps of Engineers Borrow Area 2-East (see Sheets BA-2 and BA-3). Corps of Engineers Borrow Area 2-West will be used if there is not enough sand in Borrow Area 2-East. The borrow area has existing water depths between 38 and 48 feet at mean low water and the dredging cut would have a maximum depth of approximately 11 feet below the sediment surface (See Sheet BA-4). 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, and 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.

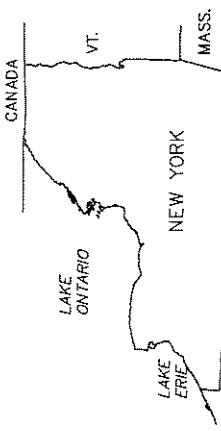
The resultant dredged material, composed of 98% sand and 2% silt, would be deposited for beach nourishment in the following manner (see Sheet PV-1, PV-2, PR-1, and PR-2):

- 134,800 cubic yards of dredged material would be deposited waterward of the spring high water line (SHWL); approximately 1,118,267 square feet of beach area waterward of the SHWL would be affected;
- The deposition area measures approximately 4,133 feet long by varying width up to 400 feet wide;
 - 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 74 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.

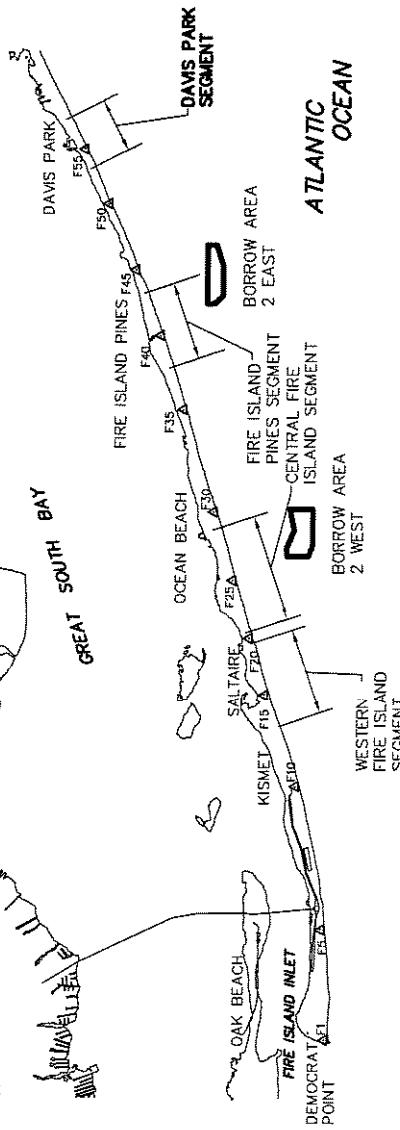
DAVIS PARK SEGMENT FIRE ISLAND 2008 BEACH RENOURISHMENT PROJECT

TOWN OF BROOKHAVEN, NEW YORK



DAVIS PARK
SEGMENT
FIRE ISLAND
NEW YORK

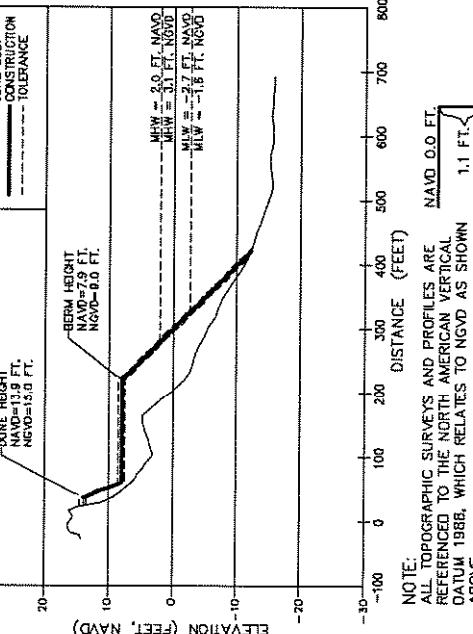
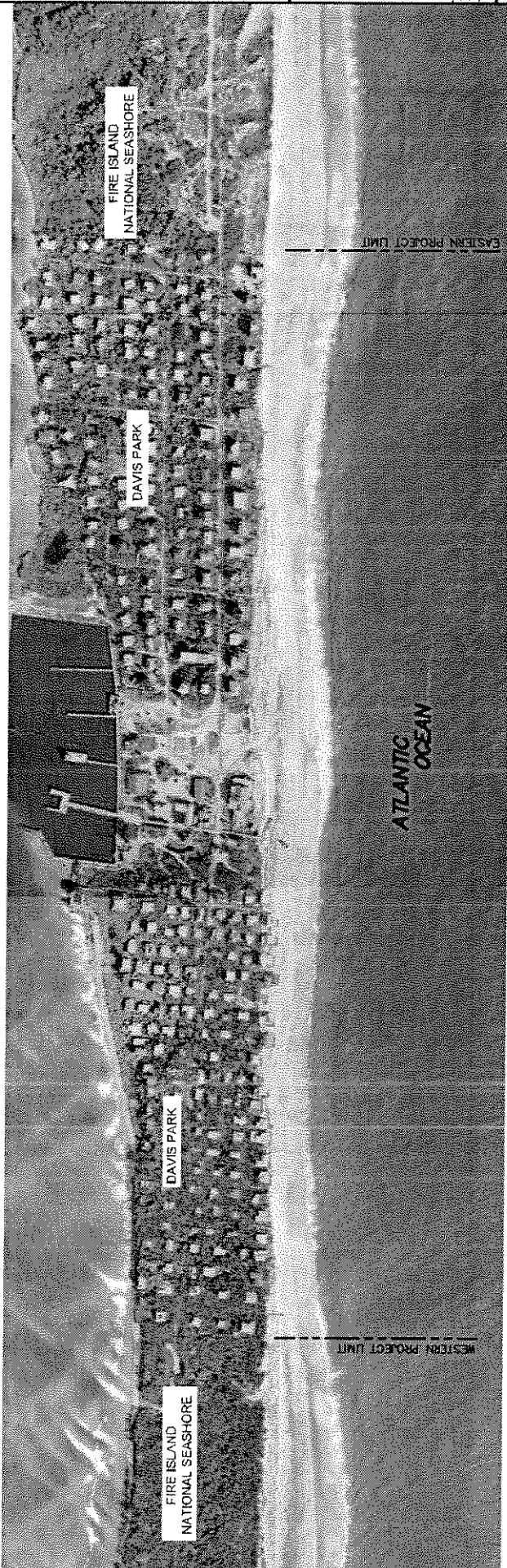
PROFILE	DAVIS PARK, FIRE ISLAND, NEW YORK	
	RANGE DD (COMMENCEMENT POINT)	AZIMUTH
DP1	1258776.6	189060.8
DP1+80	1258833.6	189106.4
DP2	1259189.4	189262.0
DP3	1259502.2	189433.2
DP4	1260015.1	189564.4
(F55) DP5	1260422.0	189682.7
DP6	1260858.4	190090.3
DP7	1261294.4	190317.9
(F56) DP8	1261722.6	190541.1
DP9	1262049.0	190705.6
DP10	1262375.4	190810.1
DP10+184	1262540.8	190922.5
DP11	1262696.9	191032.2



INDEX TO SHEETS

COVER SHEET	DAVIS PARK, BEACH PROFILE
1	DAVIS PARK, PLAN VIEWS
2	DAVIS PARK, BEACH PROFILE
3-4	DAVIS PARK, BEACH PROFILE
5-6	DAVIS PARK, BEACH PROFILE
BA-1	BORROW AREA, COVER SHEET
BA-2	EAST BATHYMETRY
BA-3	BORROW AREA, EAST ISOPACH
BA-4	BORROW AREA, EAST CROSS SECTIONS
BA-5	BORROW AREA, WEST BATHYMETRY
BA-6	BORROW AREA, WEST ISOPACH
BA-7	BORROW AREA, WEST CROSS SECTIONS

DAVIS PARK



NOTES:
1. DATE OF AERIAL PHOTOGRAPH: 12/18/2007.
2. AERIAL FLOWN BY GEOMARIS INTERNATIONAL AERIAL PHOTOGRAFMETRY.

1 DATE OF AERIAL PHOTOGRAPH: 12/18/2007.
2 AERIAL FLOWN BY GEOMAPS INTERNATIONAL
AERIALS.

DAWEN NO

卷之三

0.0 FT

FILES ARE
VERTICAL

SURVEYS AND P
NORTH AMERIC

PHOTOGRAPHIC SUPPLIES

NOT
ALL
REFE
S...

TRY.

PHOTOGRAM

8/2007. AERIAL SURVEY

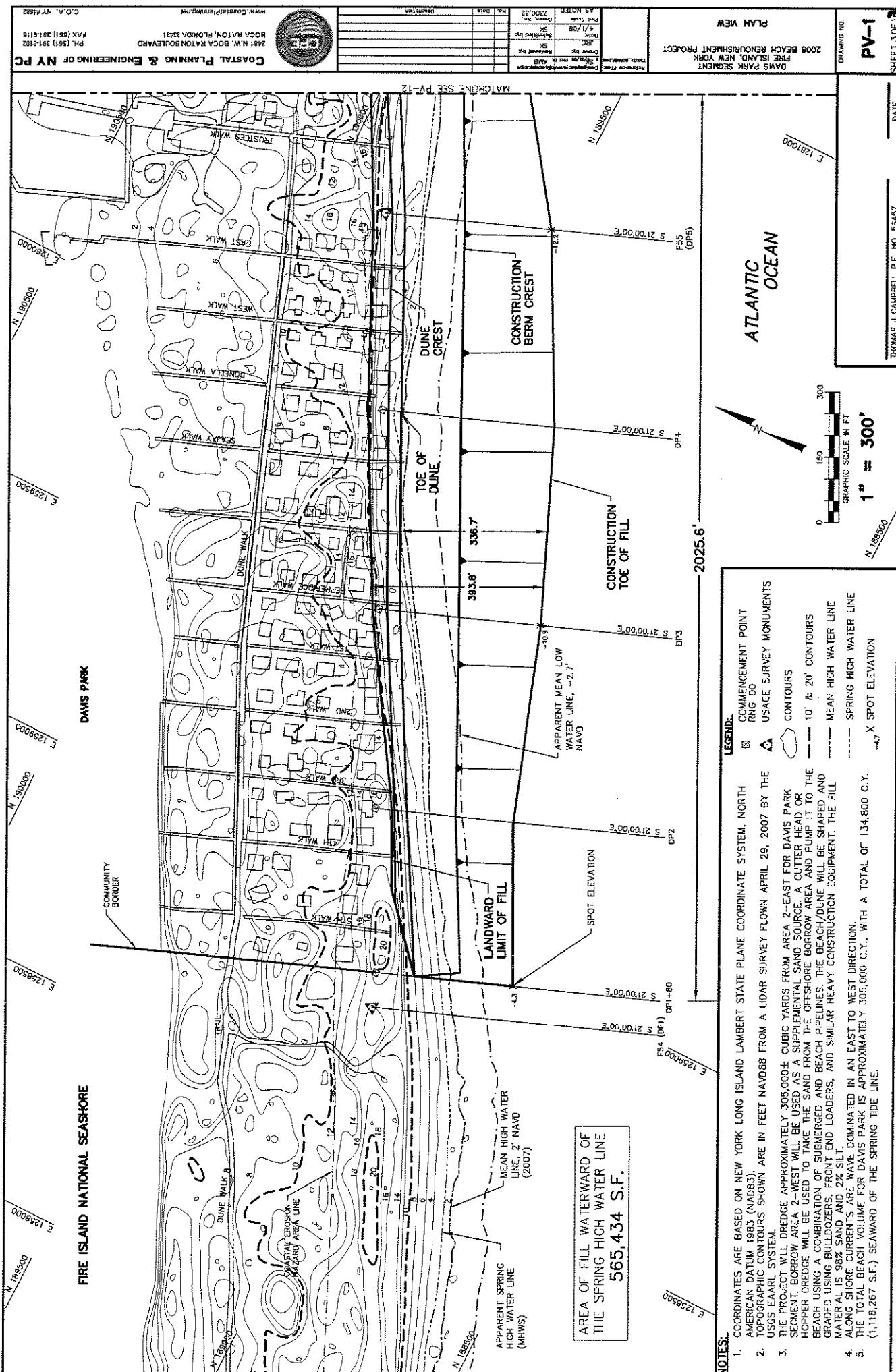
PHOTOGRAPH: 12
COMMEDIA INTERNA

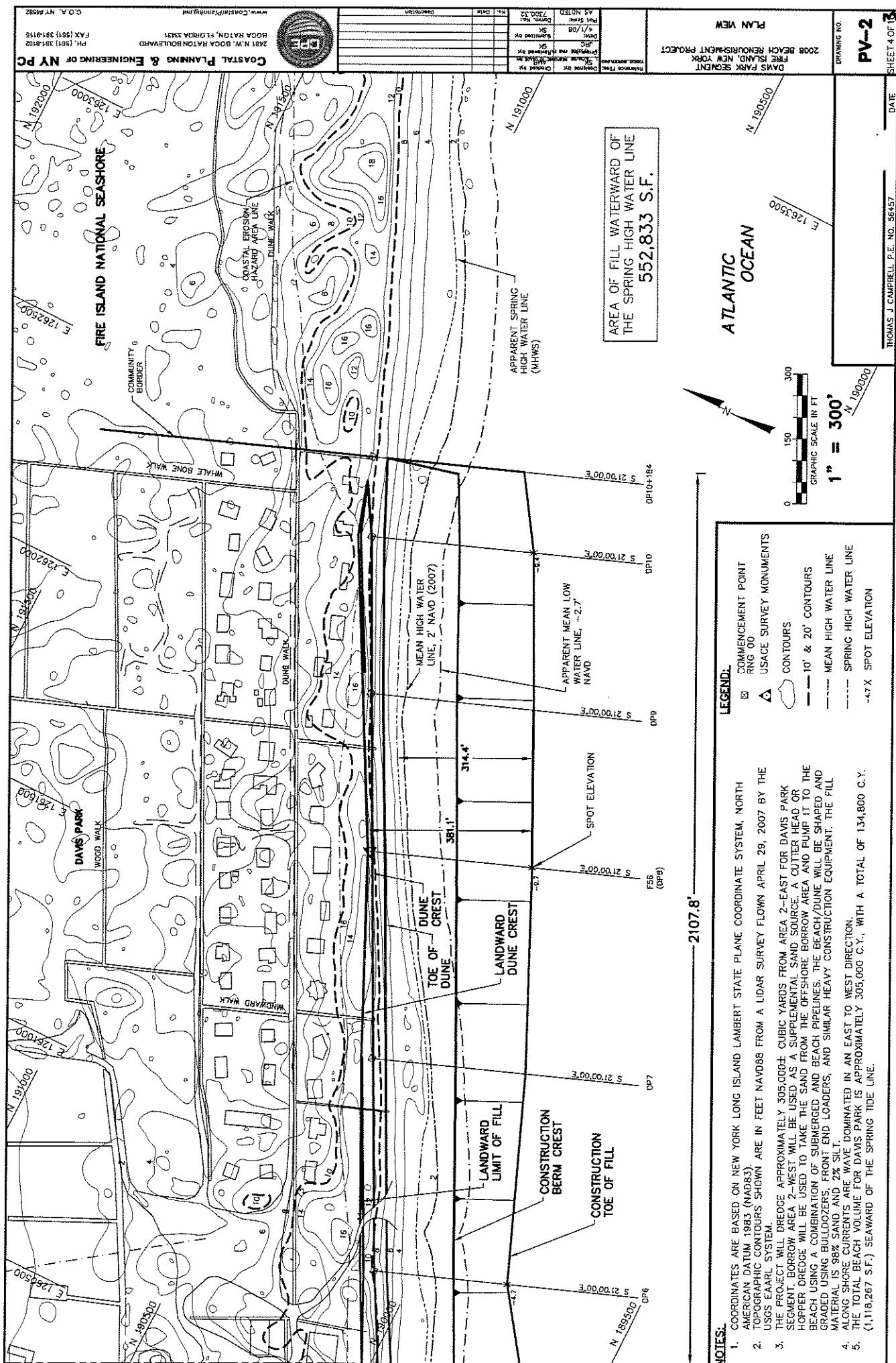
OF AERIAL PHOTOS
FLOWN BY C

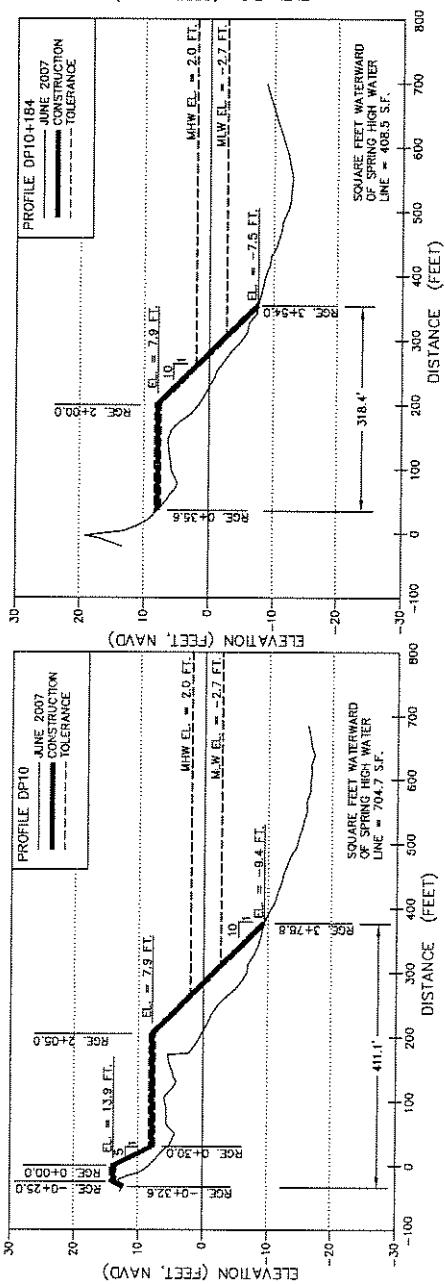
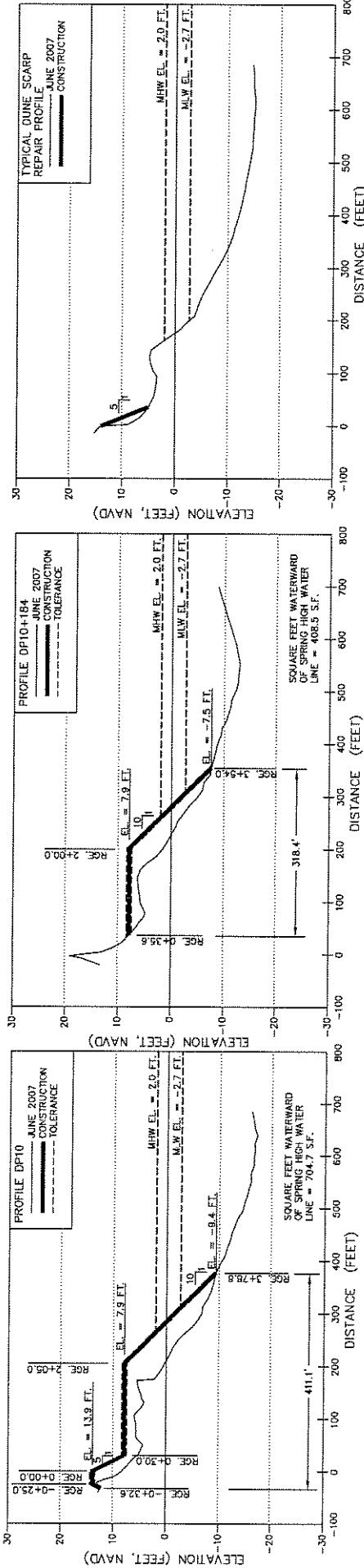
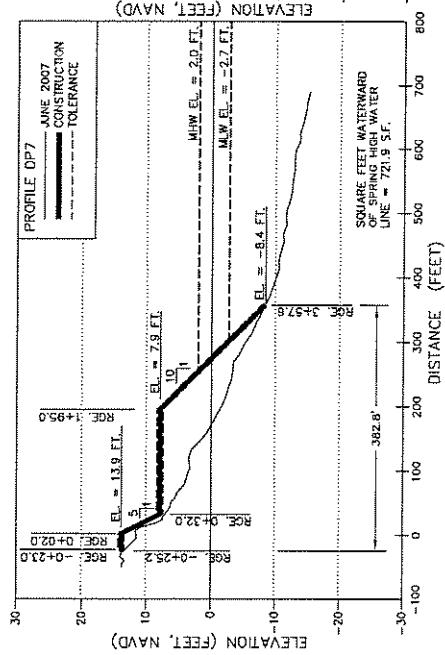
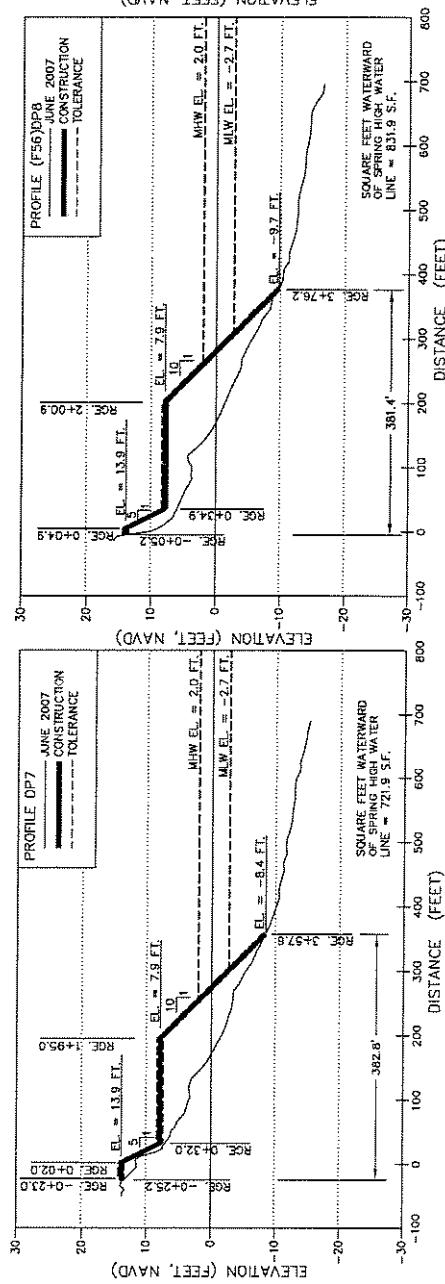
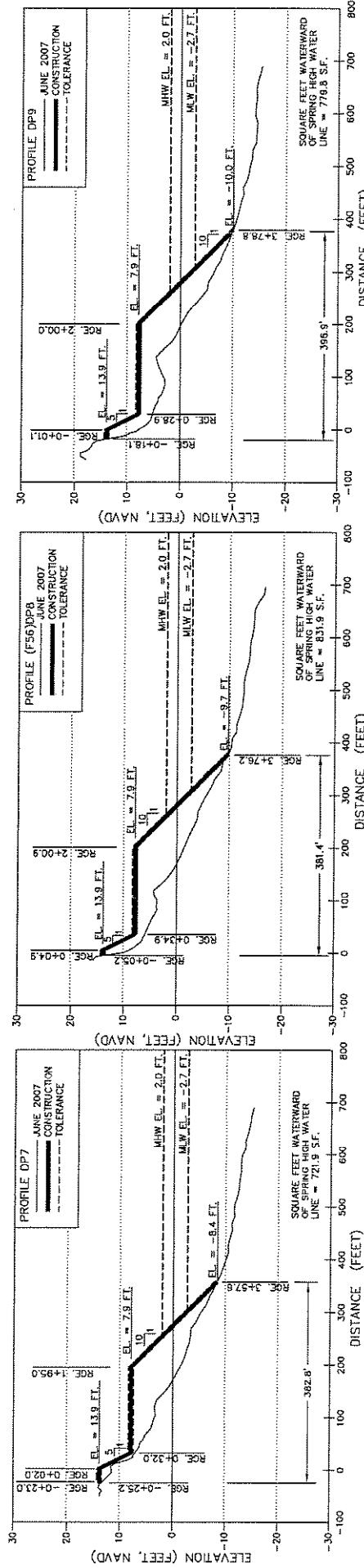
NOTES: _____ DATE _____
1. AERI
2.

OTES:

NOTES







NOTES.

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

1120

NOTES:

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

TYPICAL DUNE SCARP REPAIR PROFILE.
THE SCARP WILL BE REPAIRED BY PUSHING SAND INTO A 1V:5H SLOPE TO COVER THE SCARDED FACE OF THE DUNE. THE REPAIR WILL NOT

DRAWING No.

8

卷之五

25

10

1

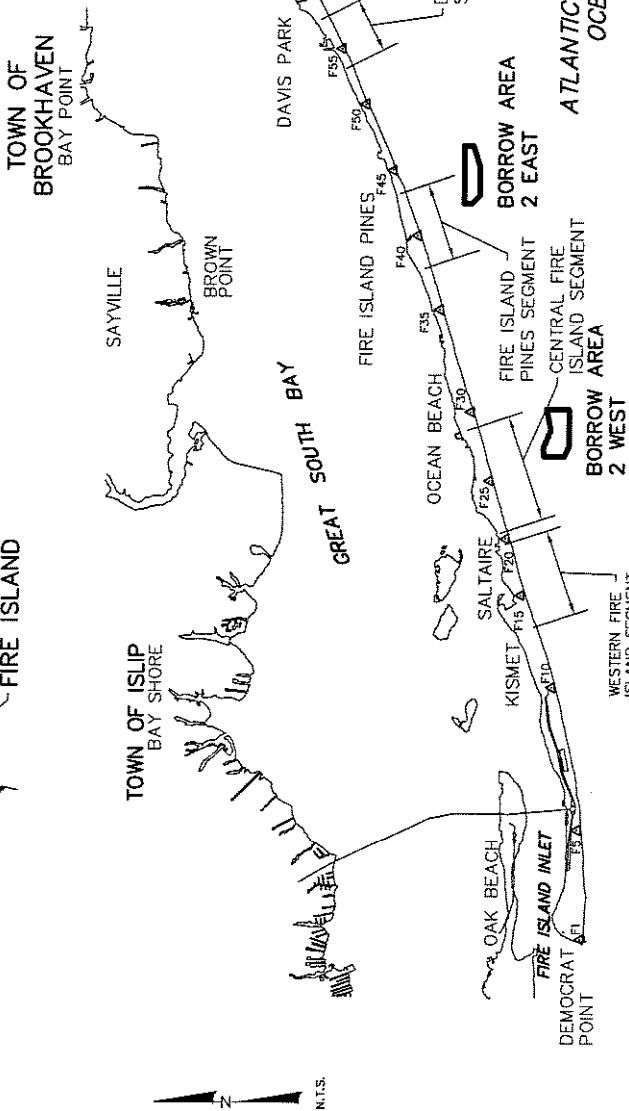
FIRE ISLAND 2008 BEACH RENOURISHMENT PROJECT BORROW AREA PLANS FOR THE DAVIS PARK SEGMENT



INDEX TO SHEETS

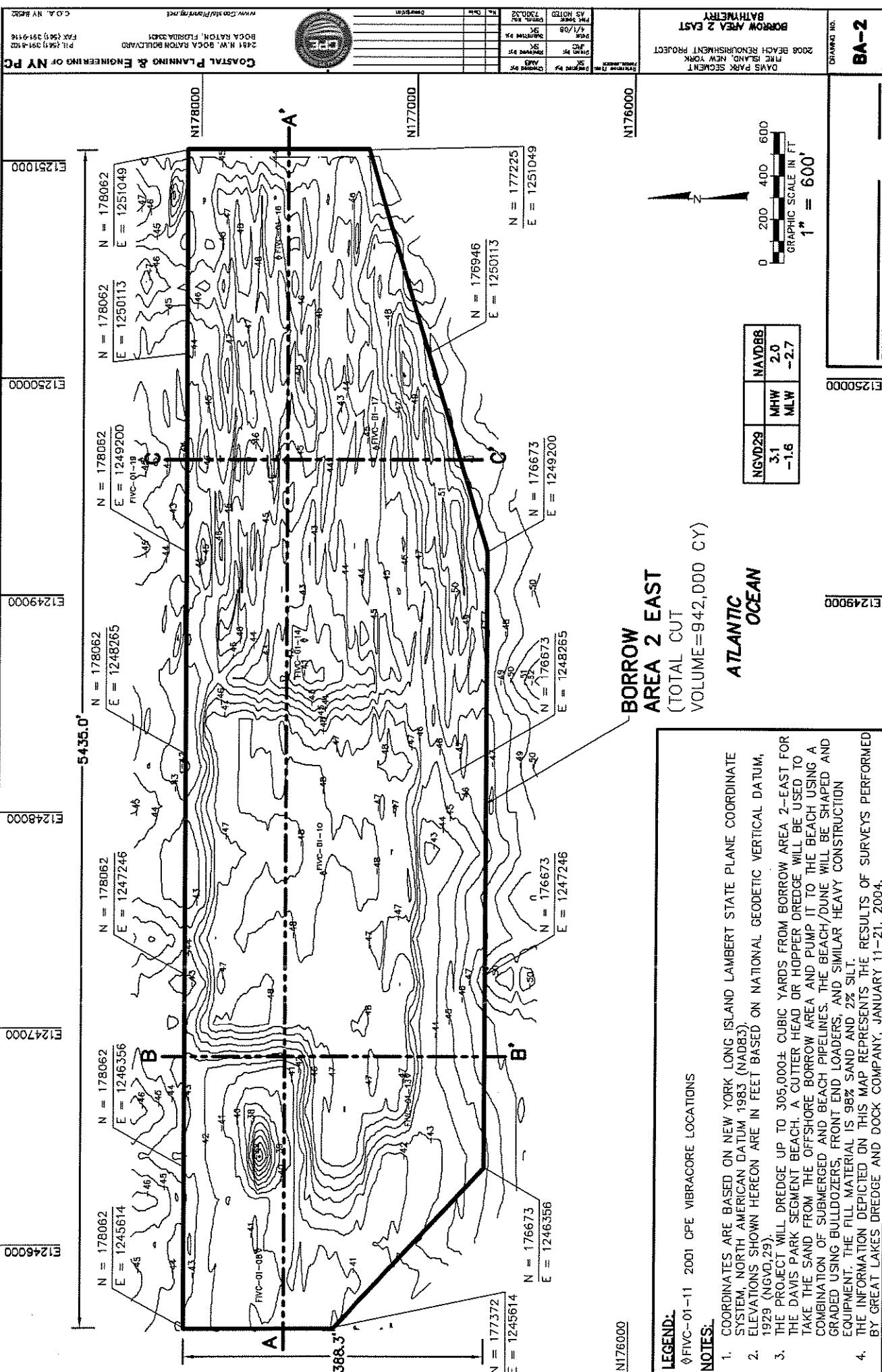
AS Notes	Page No.	Date	Drawn by	Checked by	Approved by
	2008-1	4/1/08			
	2008-2				
	2008-3				
	2008-4				
	2008-5				
	2008-6				
	2008-7				

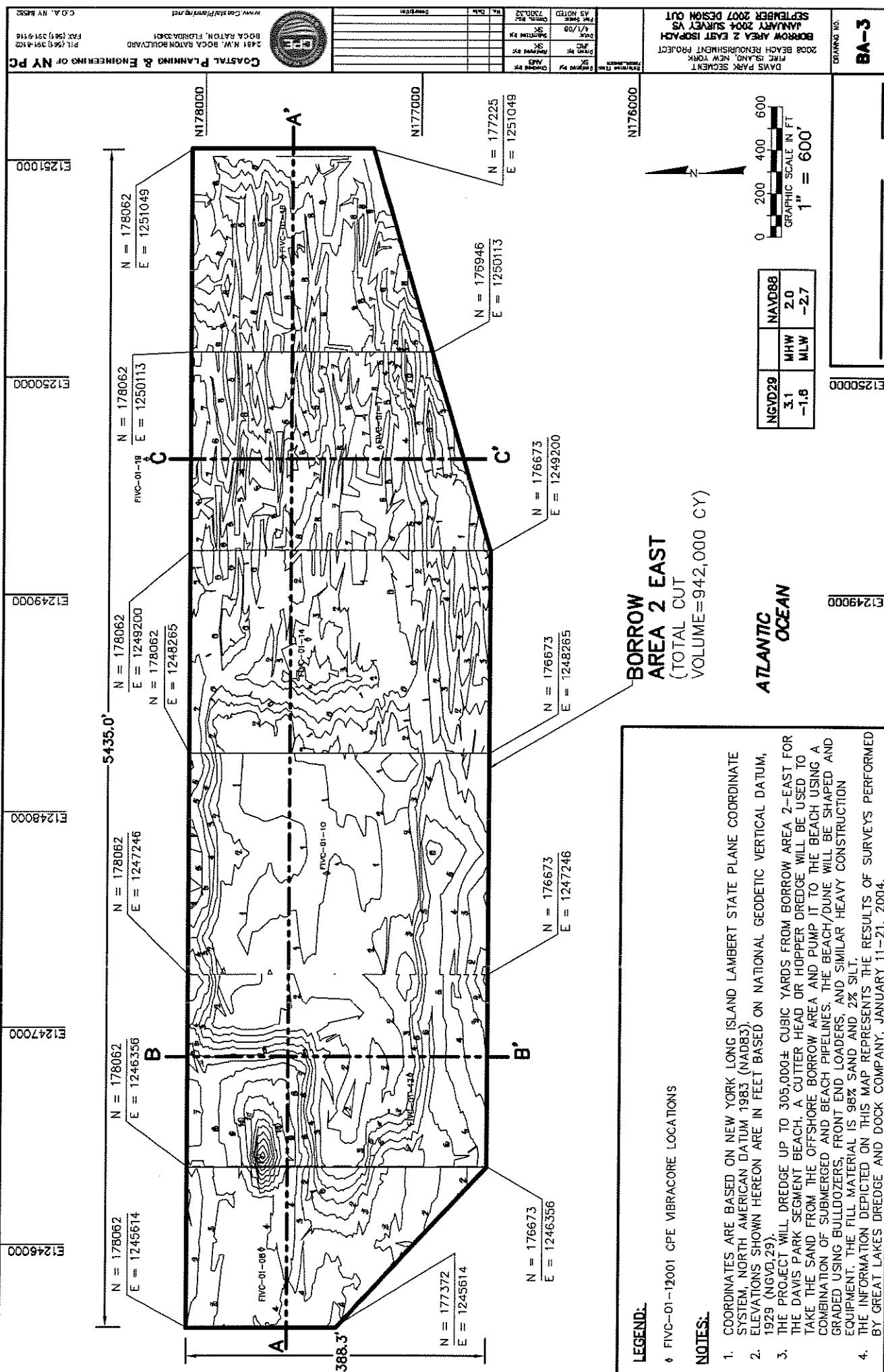
FIRE ISLAND



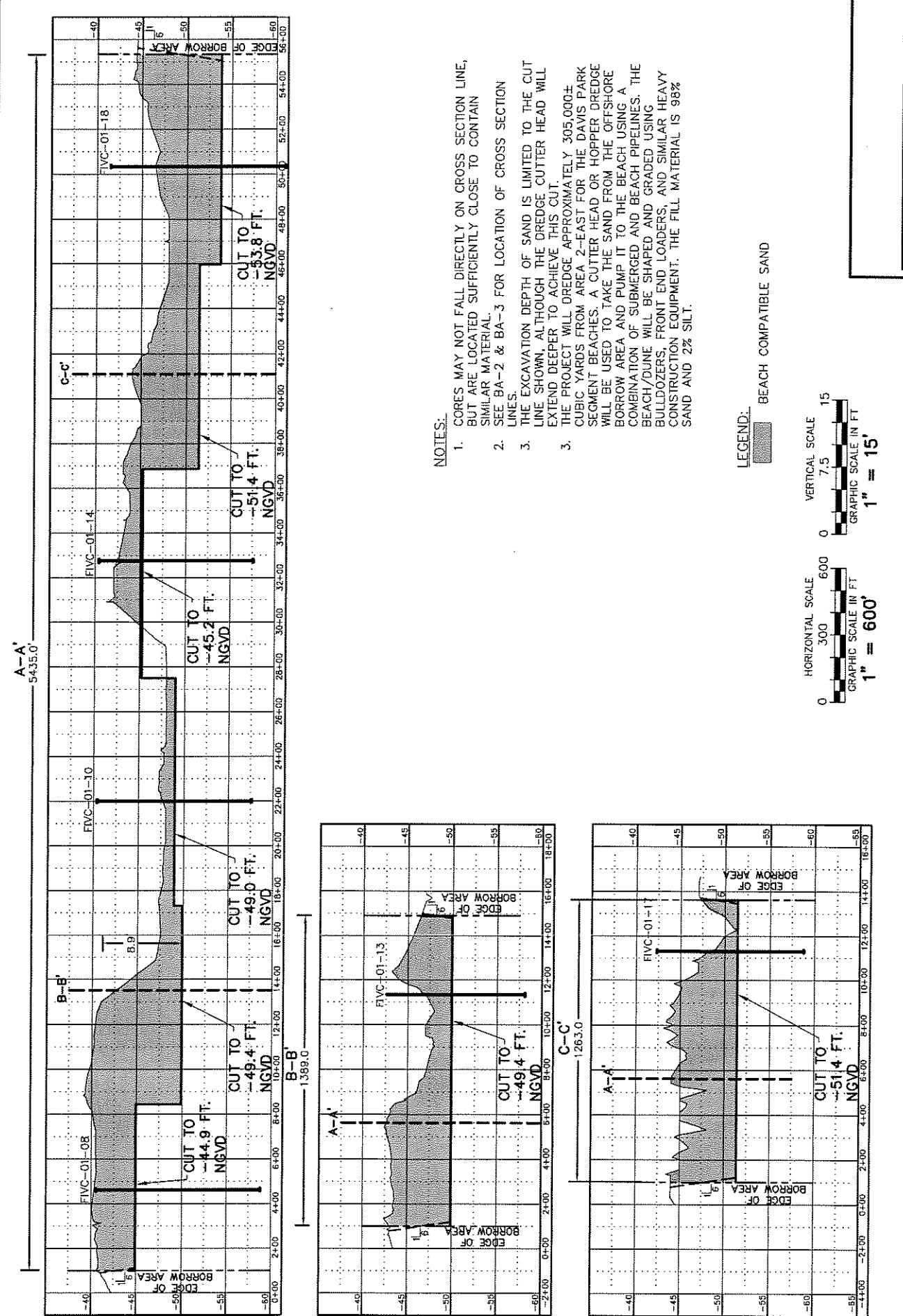
COSTAL PLANNING & ENGINEERING OF NY PC		BORDOW AREA PLANS		FIRE ISLAND RENOURISHMENT PROJECT		2008 BEACH RENOURISHMENT PROJECT	
www.CostalPlanning.com	CD.A. NY MFG	2601 NW SOCA RATON BOULEVARD	SOCA RATON, FLORIDA 33437	PH. (561) 351-8116	FAX (561) 351-8116	2008 BEACH RENOURISHMENT PROJECT	DRAWING NO.
CostalPlanning.com	CD.A. NY MFG	2601 NW SOCA RATON BOULEVARD	SOCA RATON, FLORIDA 33437	PH. (561) 351-8116	FAX (561) 351-8116	2008 BEACH RENOURISHMENT PROJECT	SHEET 7 OF 3
CostalPlanning.com	CD.A. NY MFG	2601 NW SOCA RATON BOULEVARD	SOCA RATON, FLORIDA 33437	PH. (561) 351-8116	FAX (561) 351-8116	2008 BEACH RENOURISHMENT PROJECT	DATE
CostalPlanning.com	CD.A. NY MFG	2601 NW SOCA RATON BOULEVARD	SOCA RATON, FLORIDA 33437	PH. (561) 351-8116	FAX (561) 351-8116	2008 BEACH RENOURISHMENT PROJECT	THOMAS J CAMPBELL P.E. NO. 66457
CostalPlanning.com	CD.A. NY MFG	2601 NW SOCA RATON BOULEVARD	SOCA RATON, FLORIDA 33437	PH. (561) 351-8116	FAX (561) 351-8116	2008 BEACH RENOURISHMENT PROJECT	BA-1

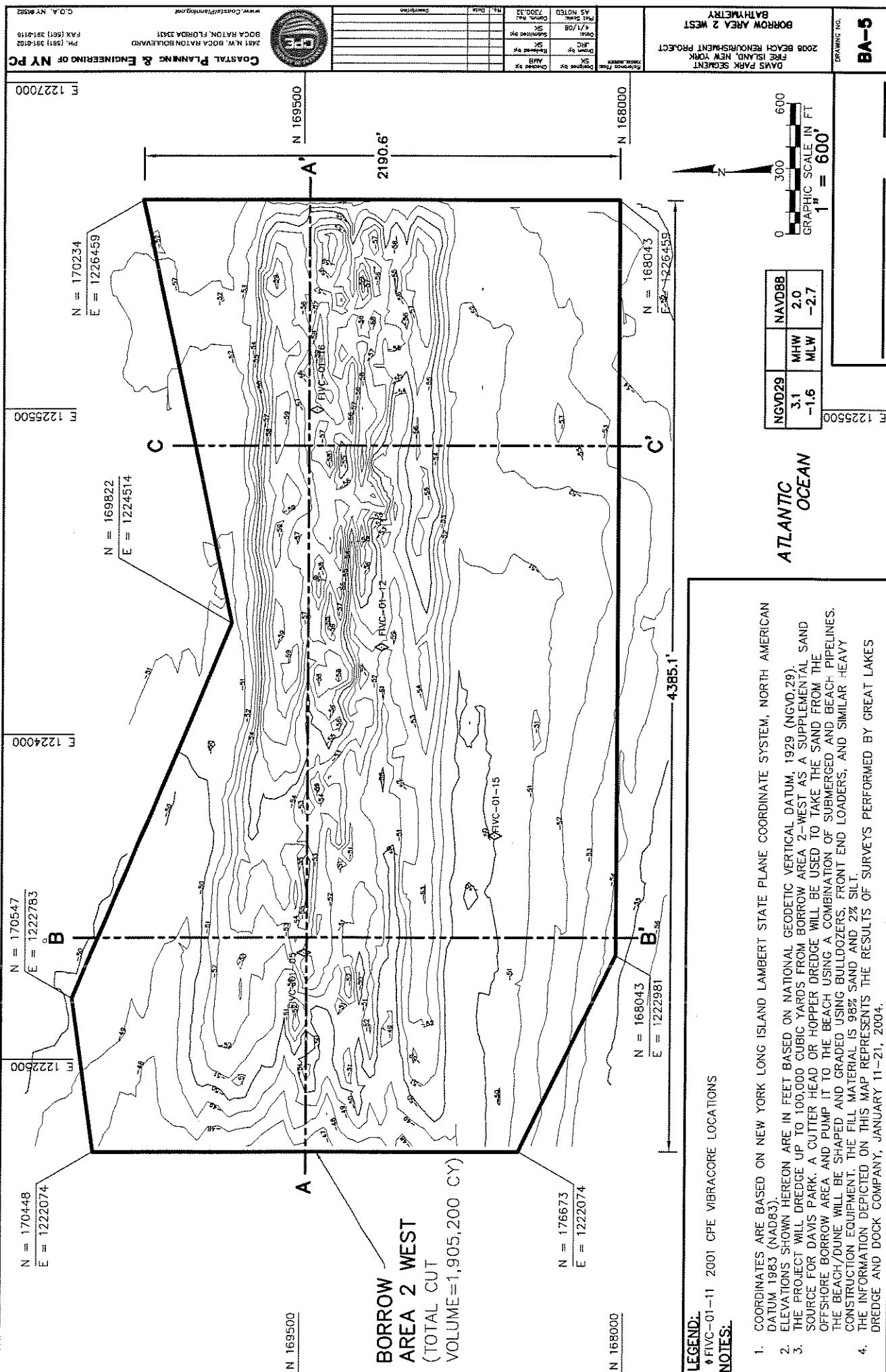
SHEET 7 OF 13
NAN-2008-00505-CHA





SHEET 9 OF 13





1. COORDINATES ARE BASED ON NEW YORK LONG ISLAND LAMBERT STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983 (NAD83).
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NATIONAL GEODETIC VERTICAL DATUM, 1929 (NGVD-29).
3. THE PROJECT WILL DREDGE UP TO 100,000 CUBIC YARDS FROM BORROW AREA 2-WEST AS A SUPPLEMENTAL SAND SOURCE FOR DAVIS PARK. 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.
4. 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.
5. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS PERFORMED BY GREAT LAKES

