



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 File Number: NAN-2008-00278-EHA
Issue Date: 18 JUL 2008
Expiration Date: 18 AUG 2008

To Whom It May Concern:

The New York District, U.S. Army 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: Suffolk County Department of Public Works
335 Yaphank Avenue
Yaphank, New York 11980

ACTIVITY: Sand-borrow dredging with sand placement for beach re-nourishment.

WATERWAY: Moriches Inlet, a tributary to the Atlantic Ocean, and Atlantic Ocean Shoreline

LOCATION: Moriches Inlet, Smith Point County Park on Fire Island and Cupsogue County 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.

PLEASE INCLUDE THE 18-CHARACTER APPLICATION FILE NUMBER SHOWN ABOVE ON ALL SUBMITTALS

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 Historical 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, 41 State Street, 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

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

PLEASE INCLUDE THE 18-CHARACTER APPLICATION FILE NUMBER SHOWN ABOVE ON ALL SUBMITTALS

WORK DESCRIPTION

The permit applicant, Suffolk County Department of Public Works (SCDPW), has requested a one-time Department of the Army permit to dredge in Moriches Inlet, a tributary to the Atlantic Ocean, Town of Brookhaven, Suffolk County, New York for sand. The resultant sand dredged material would be placed on eroded sections of beaches at Smith Point County Park to the west of Moriches Inlet and at Cupsogue Beach County Park to the east of Moriches Inlet, for beach nourishment, to restore the eroded beaches to pre-storm contours.

The proposed work would involve dredging by SCDPW, via hydraulic cutterhead pipeline dredge, a maximum of 460,000 cubic yards of beach compatible sand from the following areas (see attached permit application drawing 7 of 9):

Moriches Inlet Area A

- 340,000 cubic yards; 2,800 feet long by 300 feet wide; to a depth of -14 below the plane of mean low water, plus a 1 foot overcut

Moriches Inlet Area B

- 105,000 cubic yards; 2,000 feet long by 200 feet wide; to a depth of -12 feet below the plane of mean low water

Moriches Inlet Area C

- 15,000 cubic yards; 1,100 feet long by 100 feet wide; to a depth -8 feet below the plane of mean low water, plus a 1 foot overcut

The resultant sandy dredged material, composed of 90% sand and 10% silt, would be deposited for beach nourishment in the following areas (see attached permit application drawings 4, 5, and 6 of 9):

Beach Nourishment Area 1-Smith Point County Park Pavilion

- 38,000 cubic yards of sand dredged material would be deposited waterward of the Spring High Water Line (SHWL); approximately 1,026,000 square feet of beach area waterward of the SHWL would be affected
- 4,000 feet long by 300 feet wide, including a 250 foot taper at the west and east terminus of the placement area

Beach Nourishment Area 2-Smith Point County Park East Fire Island

- 117,000 cubic yards of dredged material would be deposited waterward of the SHWL; approximately 3,159,000 square feet of beach area waterward of the SHWL would be affected
- 9,000 feet long by 300 feet wide, including a 250 foot taper at the west and east terminus of the placement area

Beach Nourishment Area 3-Cupsogue Beach County Park

- 75,000 cubic yards of dredged material would be deposited waterward of the SHWL; approximately 2,250,000 square feet of beach area waterward of the SHWL would be affected
- 6,000 feet long by 550 feet wide, including a 250 foot taper at the west and east terminus of the placement area.

PLEASE INCLUDE THE 18-CHARACTER APPLICATION FILE NUMBER SHOWN ABOVE ON ALL SUBMITTALS

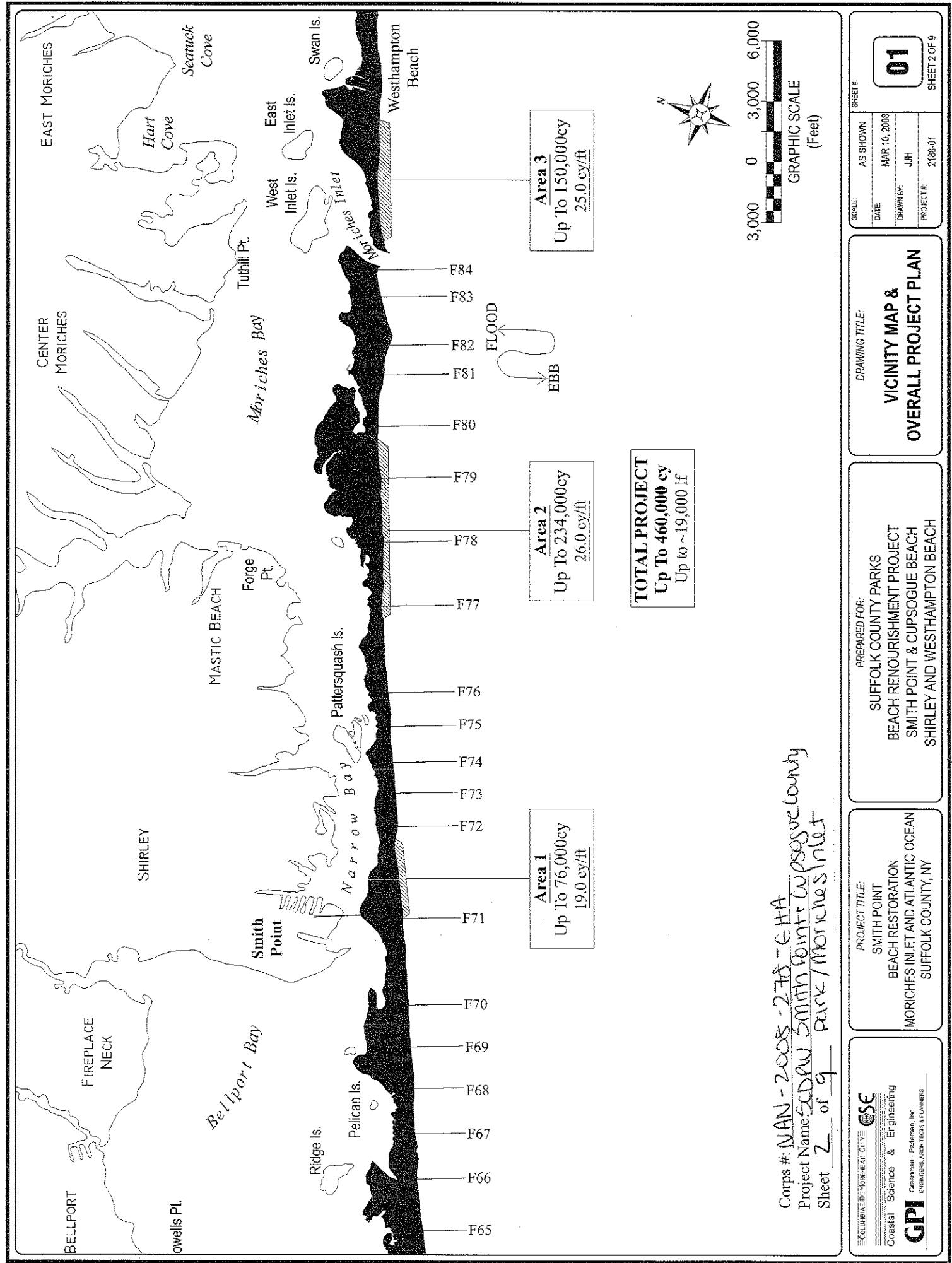
Corps #: NAN - 2008-278 -ETA

Project Name: SC DOWN Smith Point + Cusosue
Sheet 1 of 9 County Park / Moriches Inlet



X = project site

COUNTY OF SUFFOLK				
DEPARTMENT OF PUBLIC WORKS				
YANKEE PARK, NEW YORK				
GILBERT ANDERSON, INC. - COMMISSIONER				
SMITH POINT BEACH/COURAGE BEACH				
NOURISHMENT AND STORM RESTORATION PROJECT				
REVISIONS	DATE	PREPARED BY	SCALE	BLW
0	0	CHESTER G.	1:250,000	AS NOTED
SHEET NO. 1 OF 9				



Corps #: NIAN-2008-27-CHIA
 Project Name: SCDPW Smith Point Cupsogue County
 Sheet 3 of 4 Park/Moriches Inlet

Tuthill Pt.

Moriches Bay

MASTIC BEACH

Forge Pt.

Smith Point

Pattersquash Is.

Narrow Bay

Is.

East Inlet Is.

West Inlet Is.

Moriches Inlet

Area 3
 6,000 lf @ 25 cy/ft
 Up To 150,000 cy

**SEE BORROW AREA
 SHEETS FOR DETAILS
 & SECTIONS**

Area 2
 9,000 lf @ 26 cy/ft
 Up To 234,000 cy

**VOLUME BELOW
 SHW (CY)**

**VOLUME BELOW
 SHW (SF)**

LENGTH (FT)

VOLUME (CY)

Avg Density (CY/ft)

NOURISHMENT SCHEDULE

Area 1
 4,000 lf @ 19 cy/ft
 Up To 76,000 cy

Area 2
 9,000 lf @ 26 cy/ft
 Up To 234,000 cy

Area 3
 6,000 lf @ 25 cy/ft
 Up To 150,000 cy

Total Up To
 19,000 LF
 460,000
 230,000
 6,210,000
 24,2

LEGEND

Proposed Nourishment Areas

F75 NY State DOS - Profile Ranges

Graphic Scale
 (Feet)

Note: All dredging to be performed with Cutter Head Dredge.
 Fill Placement in Areas A & B via hydraulic fill from Borrow Areas A, B and/or C.
 Placement in Area 1 via hydraulic fill or offroad trucks hauling pumped sand from a temporary stockpile in Area 2. Temporary stockpile is to be placed on the nourished beach seaward of the existing foredune/vegetation line. Stockpile is to be utilized for renourishment of Area 1 within 90 days of hydraulic fill placement in Area 2. Dredged material will be beach compatible quartz feldspar sand with minimal fines.

PROJECT TITLE:
 SMITH POINT
 BEACH RESTORATION
 MORICHES INLET AND ATLANTIC OCEAN
 SUFFOLK COUNTY, NY

PREPARED FOR:
 SUFFOLK COUNTY PARKS
 BEACH RENOURISHMENT PROJECT
 SMITH POINT & CUPSOQUE BEACH
 SHIRLEY AND WESTHAMPTON BEACH

COASTAL SCIENCE & ENGINEERING
 Coastal Science & Engineering
 Greenman-Pedersen, Inc.
 ENGINNEERS ARCHITECTS PLANNERS

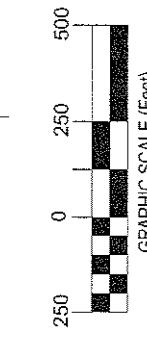
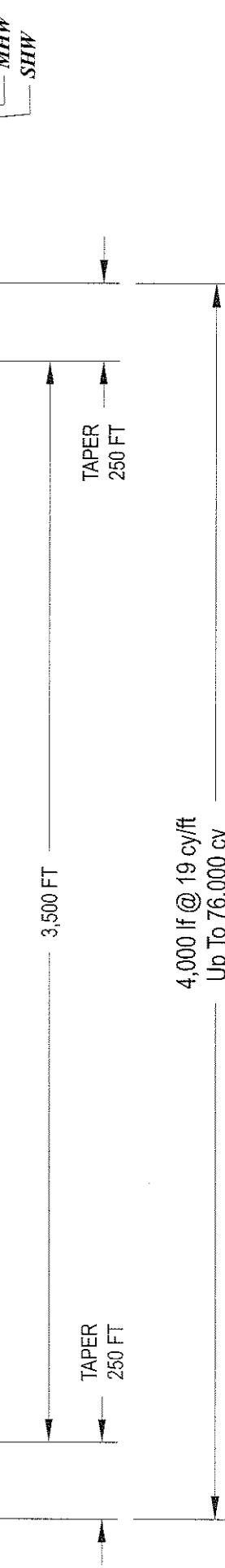
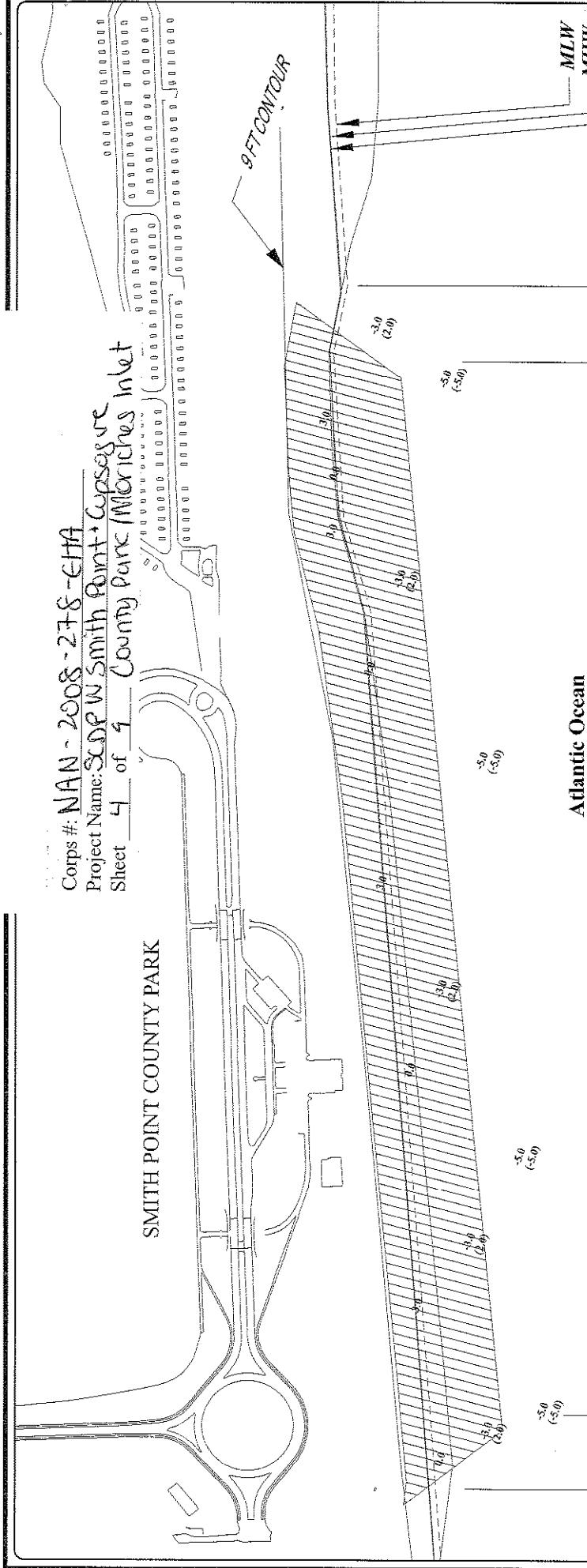
DRAWING TITLE:
PROJECT PLAN

SCALE: AS SHOWN
 DATE: MAR 10/2006
 DRAWN BY: J.H.
 PROJECT #: 2168-01

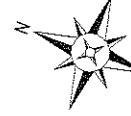
SHEET #:
02
 SHEET 3 OF 9

Corps #: NAN-2008-278-ENR
 Project Name: SCDP W Smith Point, Cutchogue
 Sheet 4 of 4 County Park/Moriches Inlet

SMITH POINT COUNTY PARK



Existing Contours
(Proposed Contours)



Revised Shoreline

SCALE:	AS SHOWN
DATE:	MAR 10, 2008
DRAWN BY:	JH
PROJECT #:	2188-01

**PROJECT PLAN
 AREA 1**

PREPARED FOR: SUFFOLK COUNTY PARKS BEACH RENOURISHMENT PROJECT SMITH POINT & CUPSOQUE BEACH SHIRLEY AND WESTHAMPTON BEACH
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PROJECT TITLE: SMITH POINT BEACH RESTORATION MORICHES INLET AND ATLANTIC OCEAN SUFFOLK COUNTY, NY
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CONTRACTING AUTHORITY CSE Coastal Science & Engineering GPI Greenman-Pedersen, Inc. ENGINEERS, ARCHITECTS & PLANNERS
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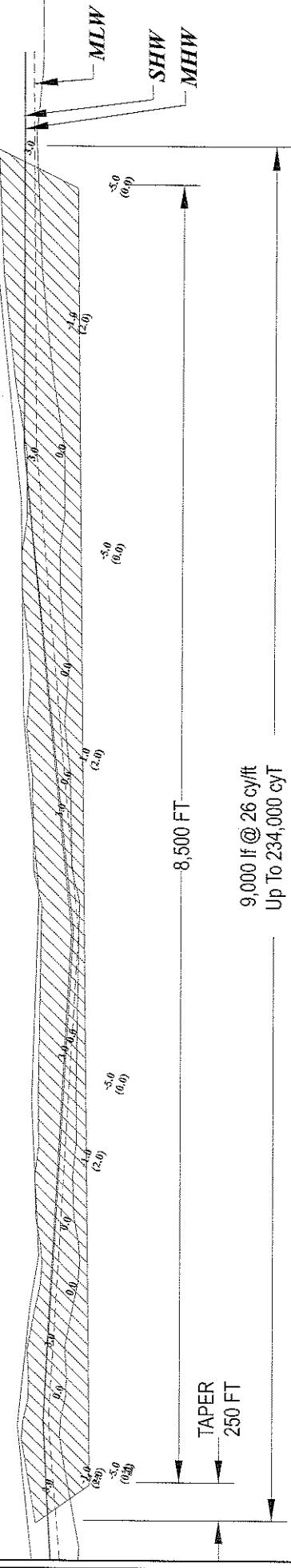
03
SHEET #:
DATE:
DRAWN BY:
PROJECT #:

SHEET 4 OF 9

Corps # NAN - 2008-278-CHIA
 Project Name: SCDP W Smith Point + Cupsogue
 Sheet 5 of 9 County Park / Moriches Inlet

FIRE ISLAND

9FT CONTOUR



Atlantic Ocean

LEGEND



NY State DOS - Benchmark

Existing Contours
(Proposed Contours)

PROJECT TITLE:
SMITH POINT
BEACH RESTORATION
MORICHES INLET AND ATLANTIC OCEAN
SUFFOLK COUNTY, NY

COLUMBIA HEAD CITY: **GSC**
 Coastal Science & Engineering
 Gosselman-Pedersen, Inc.
 ENGINEERING ARCHITECTS PLANNERS

GPI

PREPARED FOR:
SUFFOLK COUNTY PARKS
BEACH RENOURISHMENT PROJECT
SMITH POINT & CUPSOQUE BEACH
SHIRLEY AND WESTHAMPTON BEACH

DRAWING TITLE:
**PROJECT PLAN
AREA 2**

SCALE: AS SHOWN
DATE: MAR 10, 2008
DRAWN BY: JH
PROJECT #: 2188-01

04

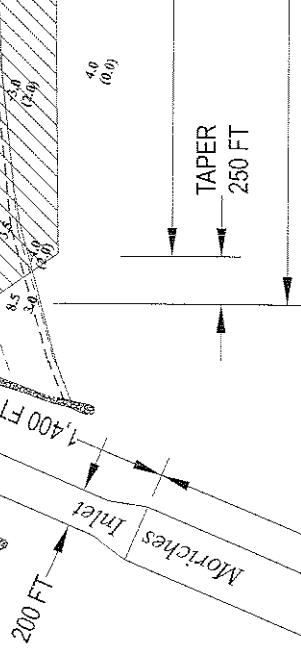
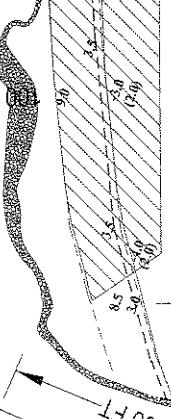
SHEET 5 OF 9

**FIRE ISLAND
NATIONAL SEASHORE**

Corps #: NAN-2008-278-ERTA
Project Name: SCOPW Smith Point & Moriches Inlet
Sheet 6 of 9 County Park / Moriches Inlet

8FT CONTOUR

CUPSOGUE BEACH



Atlantic Ocean

Area is Approx 550 ft wide

6,000 lf @ 25 cy/ft
Up To 150,000 cy/T

Total = 463,400

Proposed Borrow Areas A-C
See Sheet 06 for Details.

Moriches Inlet Channel Volumes

Area	Channel Width (Ft)	Cut Elev (Ft - MLW)	-VOL (CY)
A (Main Outer Channel)	300	-14.4 ft over Cut	340,000
B (Dog-Leg)	200	-12 ft over Cut	109,150
C (Shoal)	100	-8.4 ft over Cut	14,250
Total =			463,400

DEFINITIONS

SHW - SPRING HIGH WATER
MHW - MEAN HIGH WATER
MLW - MEAN LOW WATER

NY State DOS - Benchmark

Existing Contours
(Proposed Contours)

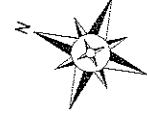
GRAPHIC SCALE (Feet)
0 500 1,000

PROJECT TITLE:
SMITH POINT
BEACH RESTORATION
MORICHES INLET AND ATLANTIC OCEAN
SUFFOLK COUNTY, NY

PREPARED FOR:
SUFFOLK COUNTY PARKS
BEACH RENOURISHMENT PROJECT
SMITH POINT & CUPSOGUE BEACH
SHIRLEY AND WESTHAMPTON BEACH

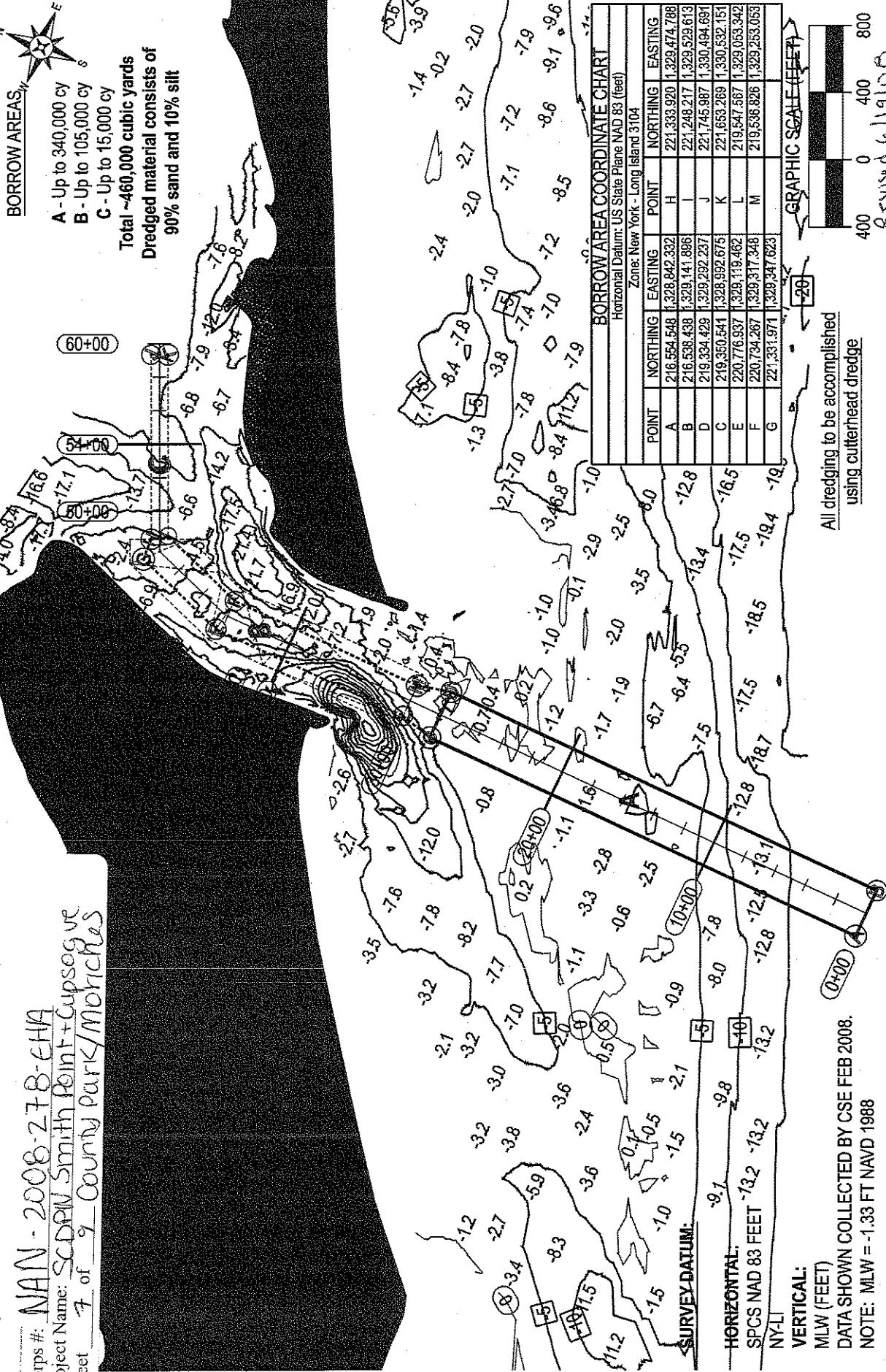
COASTAL ENGINEERING CITY Coastal Science & Engineering
GPI Greenman - Pedersen, Inc.
ENGINEERS, ARCHITECTS & PLANNERS
PROJECT #: 2188-01

AS SHOWN
DATE: MAR 10, 2008
DRAWN BY: JH
PROJECT #: 2188-01
SHEET #:
05
SHEET 6 OF 9

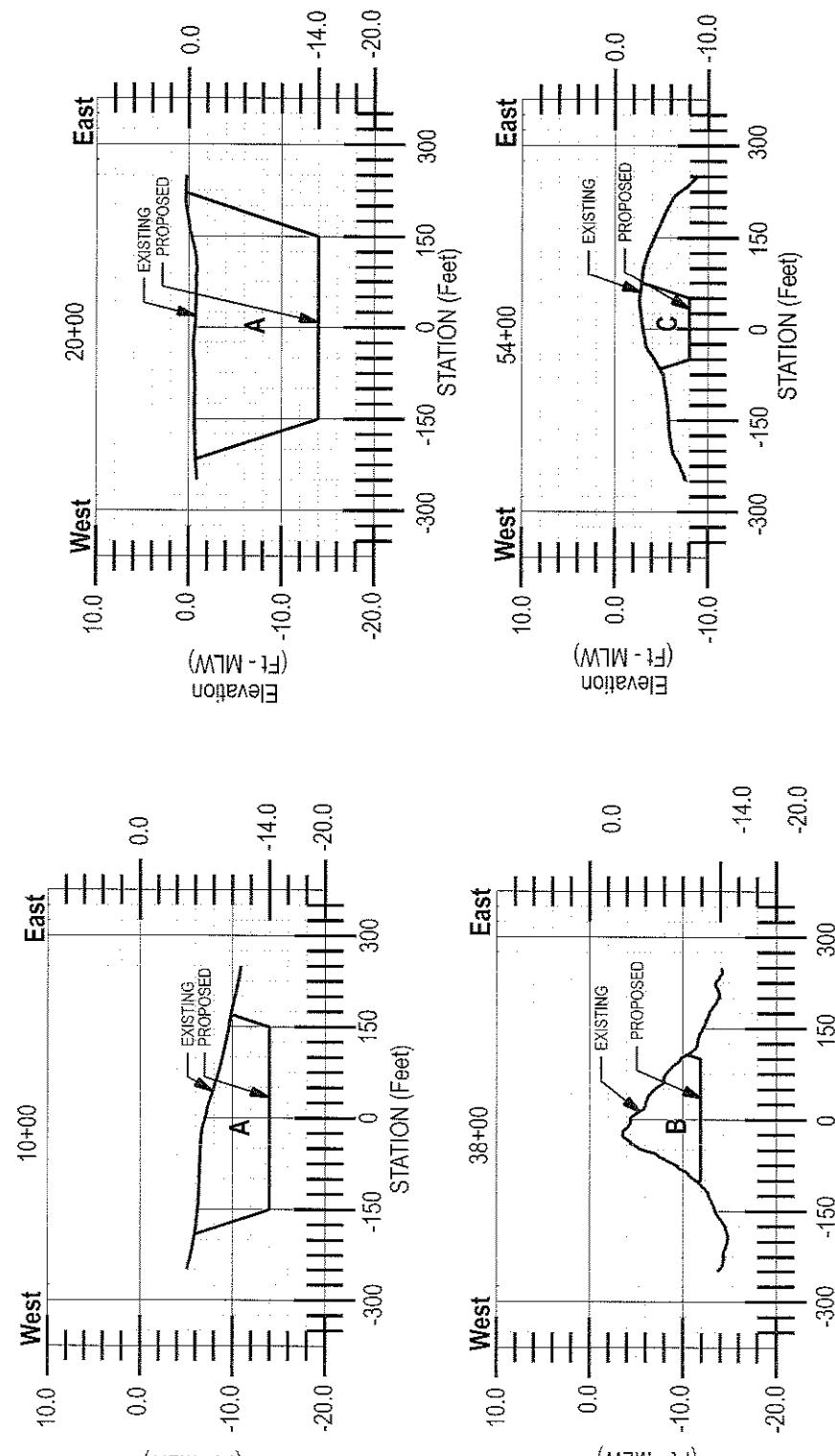
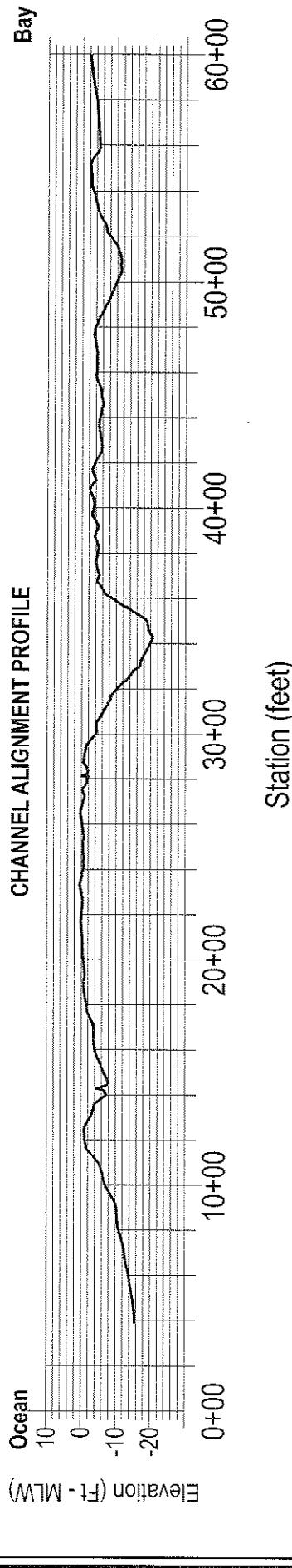


**PROJECT PLAN
AREA 3**

Corps #: NAN - 2008-278-EHA
 Project Name: SCDAN Smith Point + Cussoque
 Sheet 7 of 9 County Park/Moriches

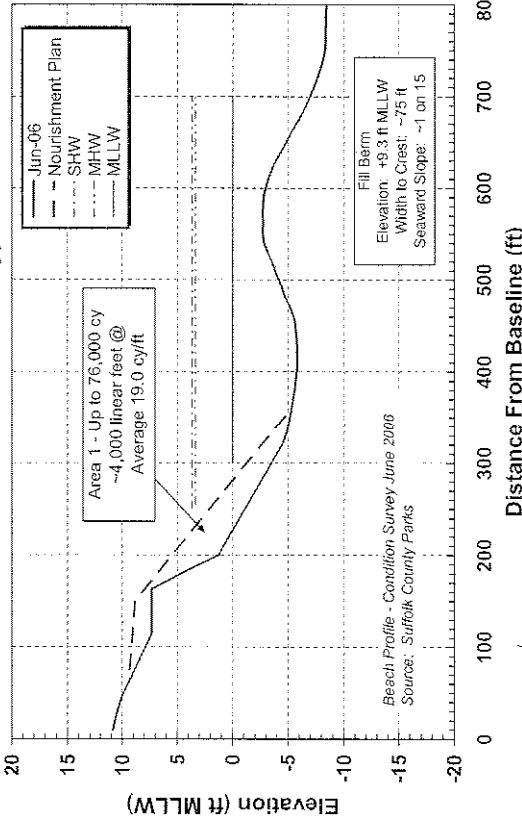


CHANNEL ALIGNMENT PROFILE

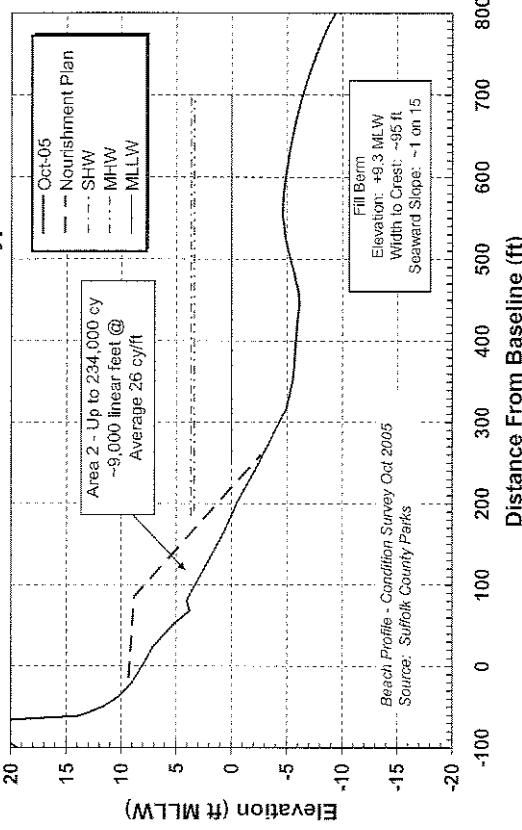


Sheet 8 of 9 Corps #: NRN-2008-238-EHHA Project Name: SC DPW Smith Point Twp/Smith Point Park/Moriches Inlet

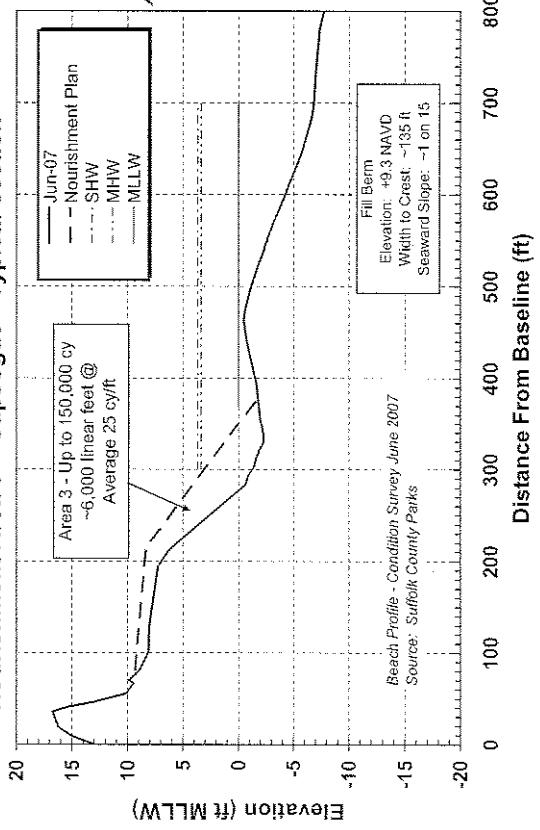
Nourishment Area 1 - Park Pavilion - Typical Section



Nourishment Area 2 - East Fire Island - Typical Section



Nourishment Area 3 - Cuspogue - Typical Section



Amount of fill to be placed
on beaches below spring high
tide:
Area 1: 1,024,000 cu y
38,000 cu y
Area 2: 3,159,000 cu y or
117,000 cu y
Area 3: 2,025,000 cu y
or 75,000 cu y

PROJECT TITLE:
SMITH POINT
BEACH RESTORATION
MORICHES INLET AND ATLANTIC OCEAN
SUFFOLK COUNTY, NY

PREPARED FOR:
SUFFOLK COUNTY PARKS
BEACH RENOURISHMENT PROJECT
SMITH POINT & CUSPOGUE BEACH
SHIRLEY AND WESTHAMPTON BEACH

Copies #: NAM-2008-238-EHR
Project Name: SCDPU Smith Point + Cuspogue
Sheet #: q of q County Park/Municipal Inlet + Cuspogue

DRAWING TITLE:
**NOURISHMENT AREA
PROFILES**

SCALE:	AS SHOWN
DATE:	MAY 10, 2008
DRAWN BY:	JH
PROJECT #:	2488-01

SCALE:	AS SHOWN
DATE:	MAY 10, 2008
DRAWN BY:	JH
PROJECT #:	2488-01

08

SHEET # 9