



**US Army Corps
of Engineers**
Philadelphia District
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
ATTN: CENAP-OP-R

Public Notice

Public Notice No.	Date
CENAP-OP-R-2007-1181-24	MAR 05 2008
Application No.	File No.
In Reply Refer to: REGULATORY BRANCH	

This District 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).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: New Jersey Department of Environmental Protection
Bureau of Coastal Engineering

ADDRESS: 1510 Hooper Avenue, Suite 140
Toms River, New Jersey 08753

WATERWAY: Atlantic Ocean

LOCATION: Proposed beach work would be between 2nd and 26th Avenues, and between Central and Spruce Avenues, in the City of North Wildwood; and between East Juniper and East Poplar Avenues in the City of Wildwood, Cape May County, New Jersey. Approximately 7,900 linear feet of beach would be affected. The proposed borrow site for obtaining sand would be an area within Hereford Inlet, approximately one-half mile northeast of 2nd Avenue in North Wildwood.

ACTIVITY: The applicant proposes a beach re-nourishment project. A maximum of 1,095,550 cubic yards of sand would be pumped hydraulically via a pipeline to the beach from a proposed off-shore borrow site in Hereford Inlet. This volume is based on a proposed dredging volume of 1.5 million cubic yards, with a 30 percent loss of sand during the hydraulic filling process. The proposed beach fill would cover an area totaling 121.58 acres. Of this area, 97.08 acres (832,650 cubic yards) would be waterward of (below) the high tide line (HTL), with 57.77 acres (471,050 cubic yards) between the HTL and mean low water line (MLWL), and 39.31 acres (361,600 cubic yards) below the MLWL. The project would include restoration of eroded dunes to an elevation of 14.25 feet (NAVD 88), including stabilization with native vegetation and dune fencing; construction of a 400-foot wide beach berm to an elevation of 6.75 feet NAVD 88, and a foreshore slope of 25:1; reconstruction of handicap and vehicular accesses; and extension of three (3) deteriorated storm water outfall pipes at 2nd, 21st and Poplar Avenues. The old cribbing and bents from two previously existing outfall pipes are proposed to be removed. Farther around the inlet side of the beach, outside the proposed beach nourishment area, to the northeast of Central and Walnut Avenues, a fourth outfall reconstruction is proposed. The

existing outfall directly adjacent to Central/Walnut Avenue would be grouted and plugged, with the water at that location going to the existing outfall at Central and Spruce Avenues (500 feet to the north).

The proposed borrow site is an area approximately 137 acres in size within Hereford Inlet. It is adjacent to the borrow area previously used for Corps of Engineers beach nourishment projects. The "L"-shaped area is roughly 4,000 feet long by 800 feet wide along the western leg, and about 2,500 feet long by 1,200 feet wide along the southern leg, and it is situated approximately one-half mile from the North Wildwood inlet shoreline. The sand would be dredged by hydraulic method to a maximum depth of -26.0 feet (NAVD 88), or 23.3 feet below mean low water. The dredged sand would be discharged via pipeline onto the ocean-front beach.

The applicant has requested authorization for 10 years of maintenance of the proposed project. The applicant currently anticipates that an additional one or two nourishment cycles may be required over the life of a 10-year permit. A specific schedule for the currently proposed work has not been established yet. However, current indications are that it may begin in September 2008, and take approximately 165 days to complete. This would include approximately 60 days for initial mobilization of equipment and beach and dune construction; and 105 days for construction of cross-overs, outfall extensions, planting and fencing of dunes and demobilization of equipment.

The applicant is proposing to utilize existing vehicular accesses within the project area for construction access at the following points:

- Surf Avenue - access for the work that occurs north of the terminal groin in the event that access is not an option from the oceanfront beaches.
- 5th Avenue and J.F. Kennedy Boulevard - construction access.
- 15th Avenue(at the Lifeguard Headquarters) - construction access.
- 23rd Avenue Beach - staging area.

PURPOSE: The applicant's stated purpose is to provide shore protection along a stretch of beach that has experienced erosion.

A preliminary review of this application indicates that the proposed work may have the potential to have an effect on the following Federally listed (threatened) species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended: the piping plover (Charadrius melanotos) and seabeach amaranth (Amaranthus pumilus). This office will consult with the U.S. Fish and Wildlife Service regarding this application and any necessary protection measures under the terms of an existing programmatic Biological Opinion dated December 27, 2005.

The decision whether to issue a permit will be based on an evaluation of the activity's probable impact including its cumulative impacts on the public interest. The decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics,

aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shore erosion and accretion, recreation,

water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and welfare of the people. A Department of the Army permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

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 the 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.

Comments on the proposed work should be submitted, in writing, within 15 days to the District Engineer, U.S. Army Corps of Engineers, Philadelphia District, Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390.

Review of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion therein are located within the permit area of the work.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act 1996 (Public Law 104-267), requires all Federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely effect Essential Fish Habitat (EFH). A preliminary assessment of the species listed in the "Guide to Essential Fish Habitat Designations in the Northeastern United States, Volume IV: New Jersey and Delaware", dated March 1999, specifically page 63, indicates that the proposed work would not have a substantial adverse effect on any managed species, including winter flounder eggs and larvae (Pseudopleuronectes americanus), since the proposed discharge (fill) area is highly dynamic, subject to waves and sand movement; and the proposed borrow area is mostly less than 5-6 meters (16-20 feet) deep, also a high-energy environment with shoaling and wave wash. Adults and juveniles could move away from the dredging and construction equipment.

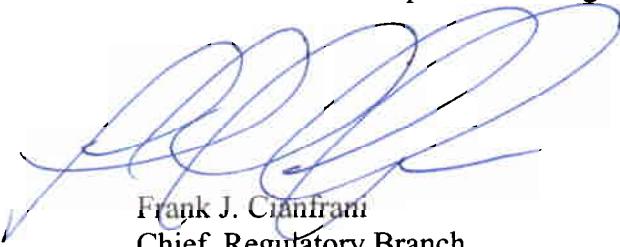
In accordance with Section 307(c) of the Coastal Zone Management Act of 1972, applicants for Federal Licenses or Permits to conduct an activity affecting land or water uses in a State's coastal zone must provide certification that the activity complies with the State's Coastal Zone Management Program. The applicant has stated that the proposed activity complies with and will be conducted in a manner that is consistent with the approved State Coastal Zone Management (CZM) Program. No permit will be issued until the State has concurred with the applicant's certification or has waived its right to do so. Comments concerning the impact of the proposed and/or existing activity on the State's coastal zone should be sent to this office, with a copy to the State's Office of Coastal Zone Management.

In accordance with Section 401 of the Clean Water Act, a Water Quality Certificate is necessary from the State government in which the work is located. Any comments concerning the work described above which relate to Water Quality considerations should be sent to this office with a copy to the State.

The evaluation of the impact of the work described above on the public interest 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.

Any person may request, in writing, to the District Engineer, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state in writing, with particularity, the reasons for holding a public hearing.

Additional information concerning this permit application may be obtained by calling James Boyer at (215) 656-5826 between the hours of 1:00 and 3:00 p.m. or writing this office at the above address.



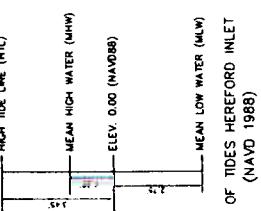
Frank J. Cianfrani
Chief, Regulatory Branch

NORTH WILDWOOD BEACH REPLENISHMENT PROJECT

SCHEDULE OF MATERIAL - BASE BID

5.123,450 SQ.FT. TO BE FILLED
1,362,840 SQ.FT. TO BE FILLED WATERWARD OF WHW
531,450 SQ.FT. TO BE FILLED UNDERWATER (BELOW M.W.)

SCHEME OF MATERIAL - ALTERNATE BID #1



RANGE OF TIDES HEREFORD INLET
(NAVD 1988)

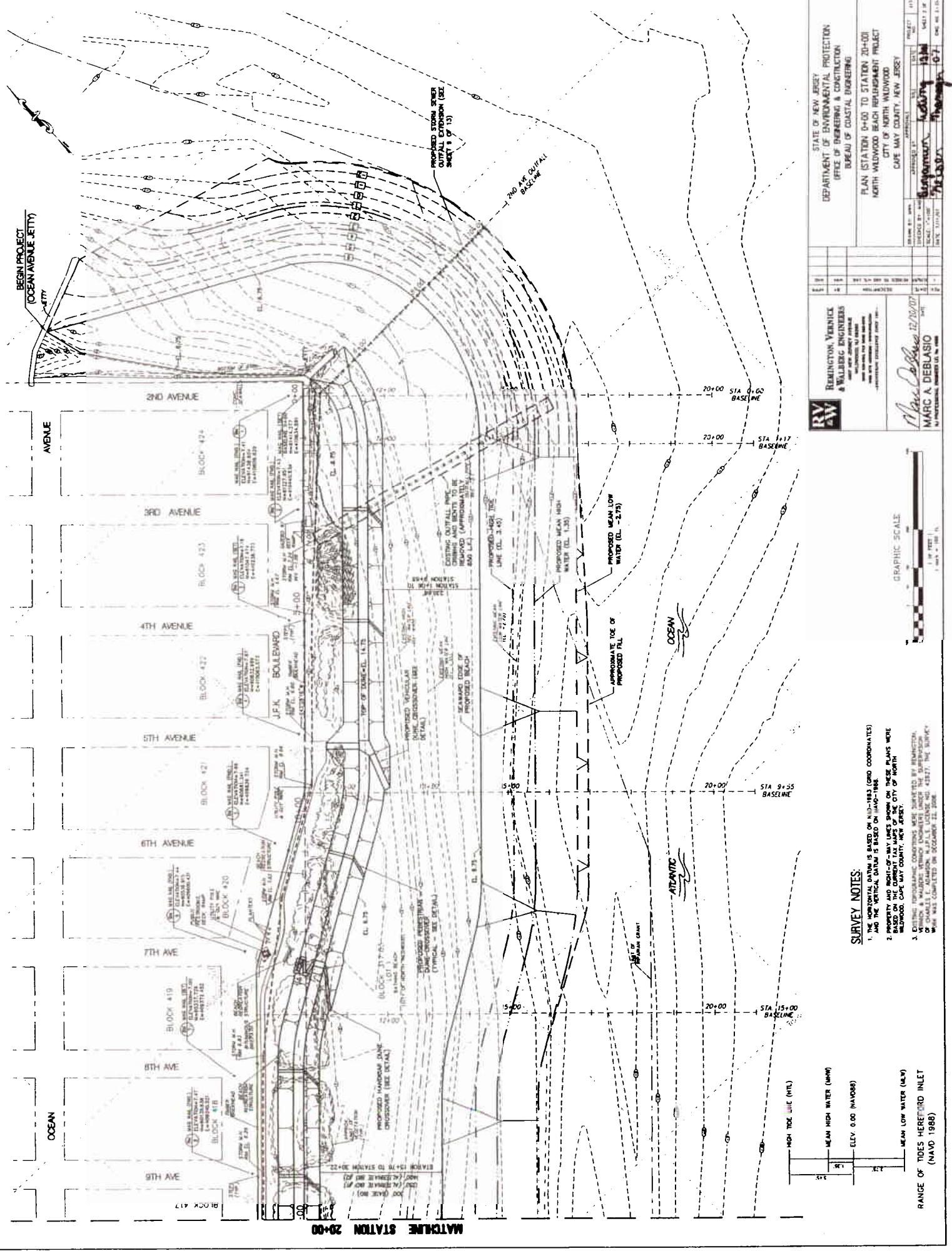
**CITY OF NORTH WILDWOOD
CAPE MAY COUNTY, NEW JERSEY**

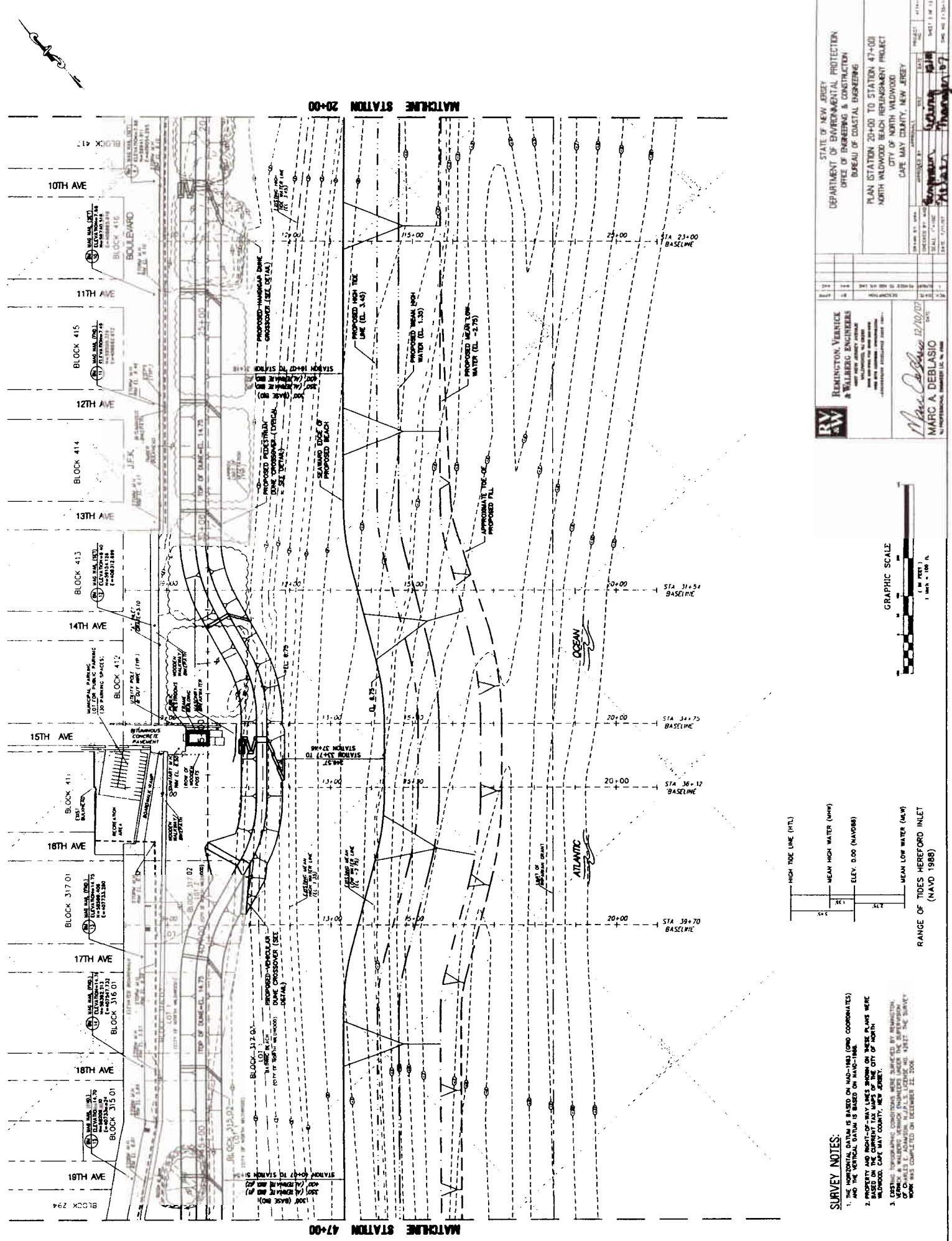
The image shows a detailed architectural site plan or zoning map. It features a large rectangular area divided into a grid of smaller plots. One specific plot in the lower-right quadrant is outlined with a thick black line and contains the text "PROJECT AREA". The plan includes several curved and straight lines representing roads and paths. There are also dashed lines indicating property boundaries or easements. In the top-left corner, there is a cluster of small buildings and trees. The bottom-right corner contains a north arrow pointing upwards. The entire drawing is enclosed within a thin black border.

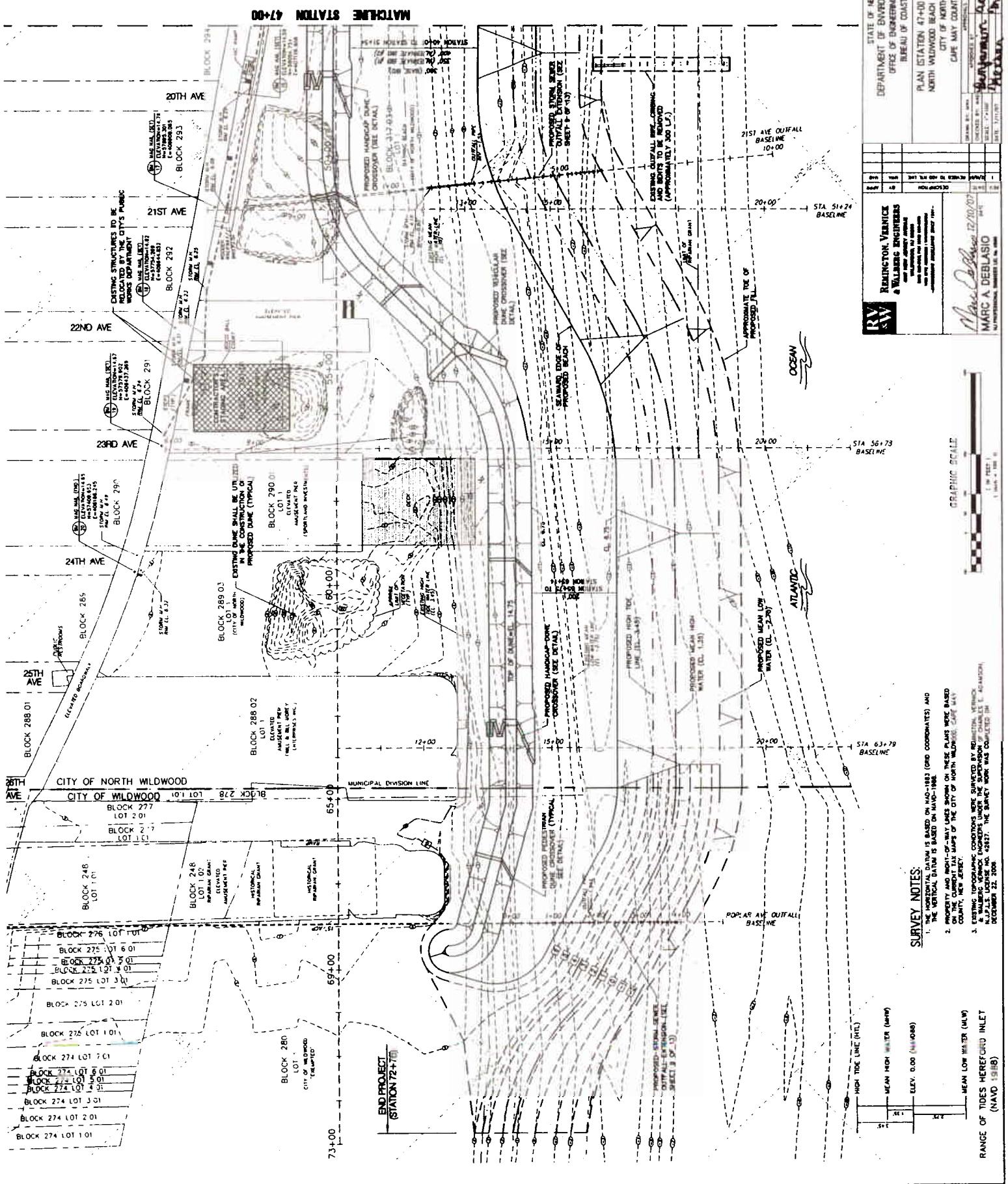
LOCATION MAP

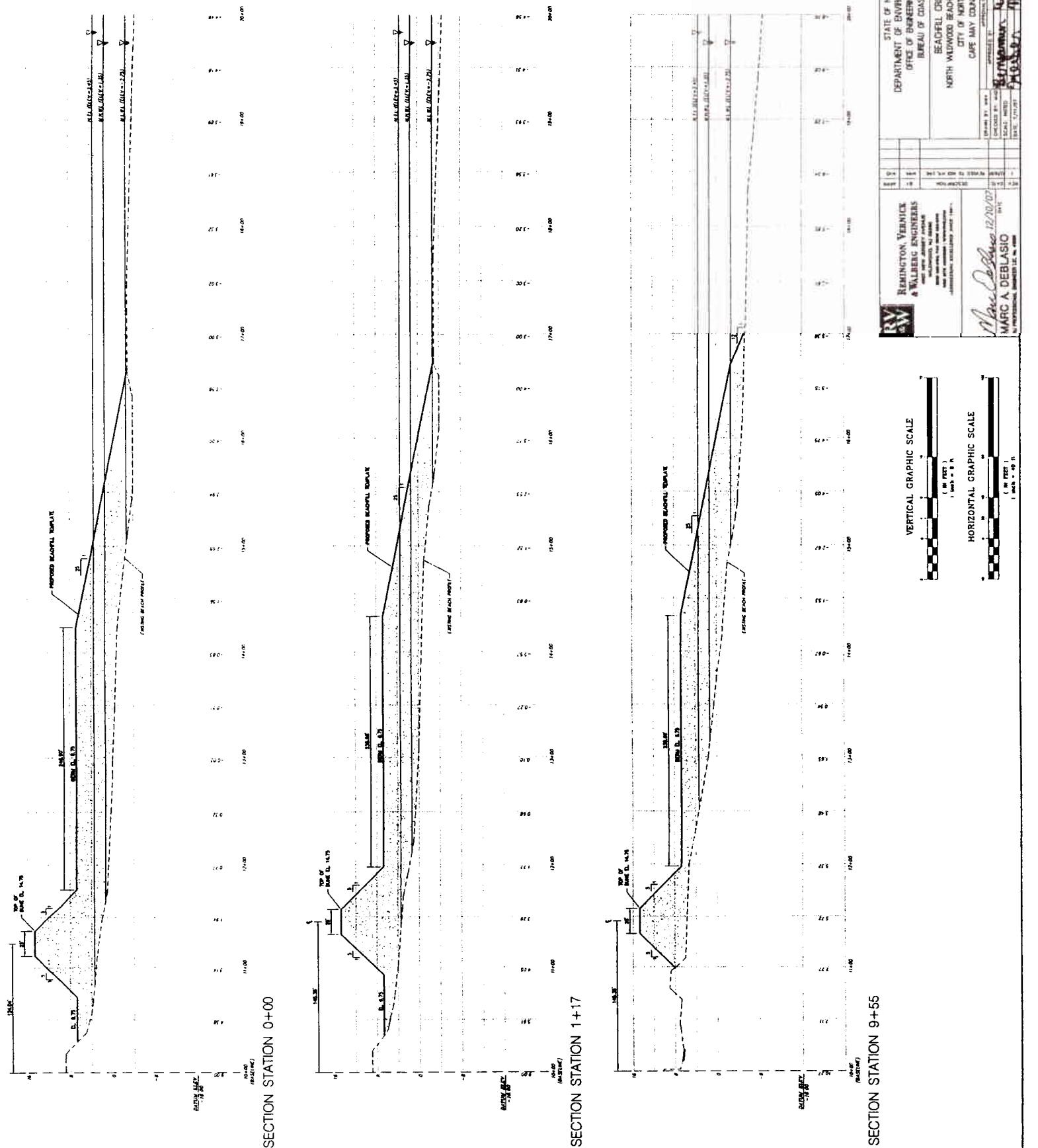
INDEX	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	PLAN (STATION 0+00 TO STATION 20+00)
3	PLAN (STATION 20+00 TO STATION 47+00)
4	PLAN (STATION 47+00 TO STATION 69+00)
5 - 6	BEACH/FLAT CROSS SECTIONS
9	BEACH/OUTfall EXTENSIONS AND DETAILS
10	TYPICAL DUNE CROSSOVER DETAILS
11	TYPICAL HAMMICK/DUNE CROSSOVER DETAILS
12	VARIOUS CONSTRUCTION DETAILS
13	CENTRAL/OUTfall AVENUE OUTfall EXTENSION

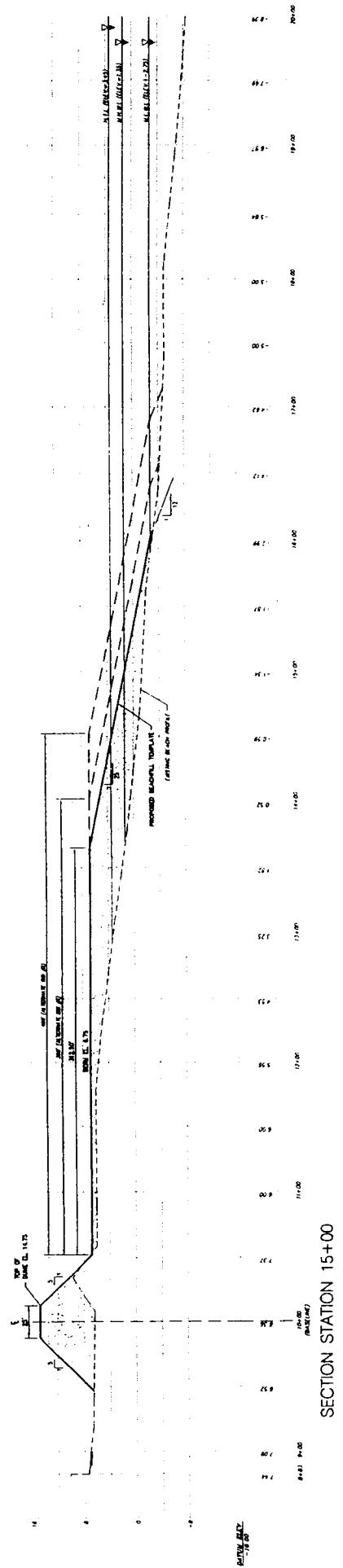
GENERAL NOTES:



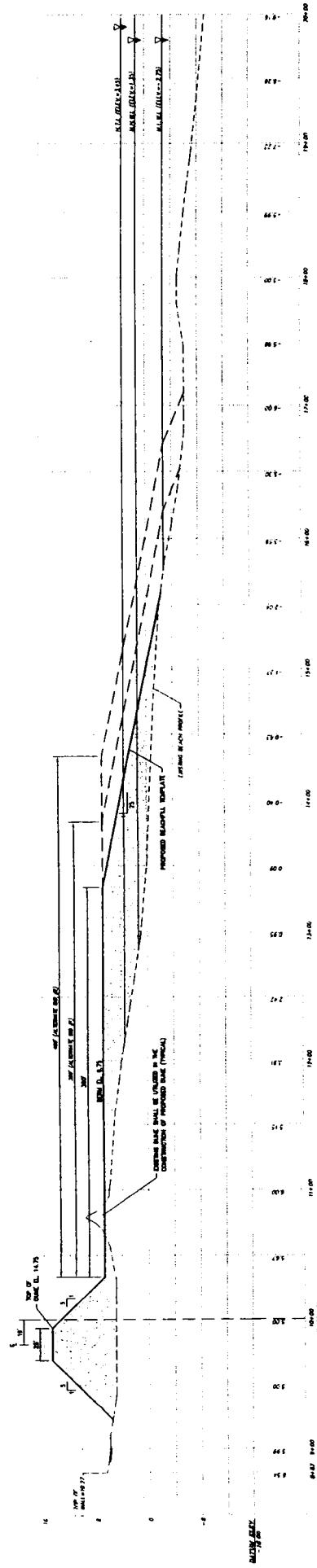




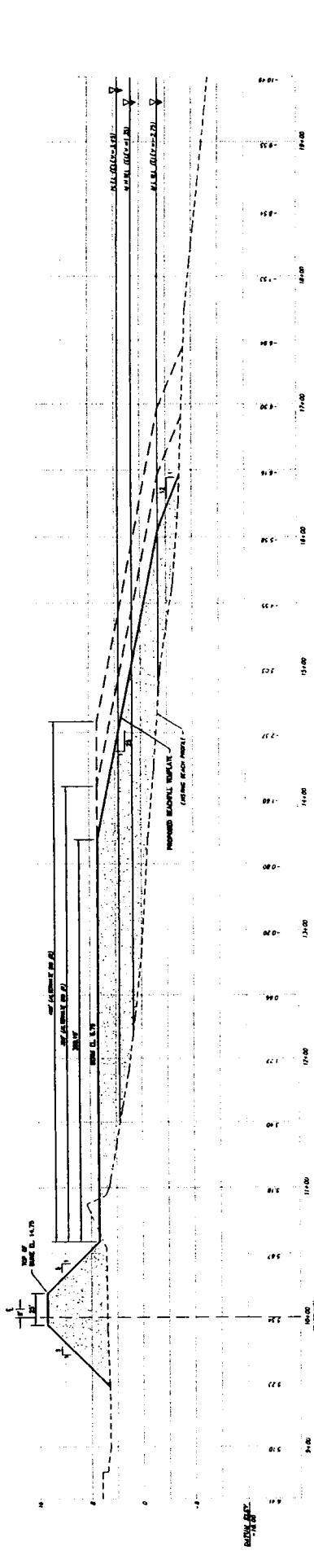




SECTION STATION 15+00



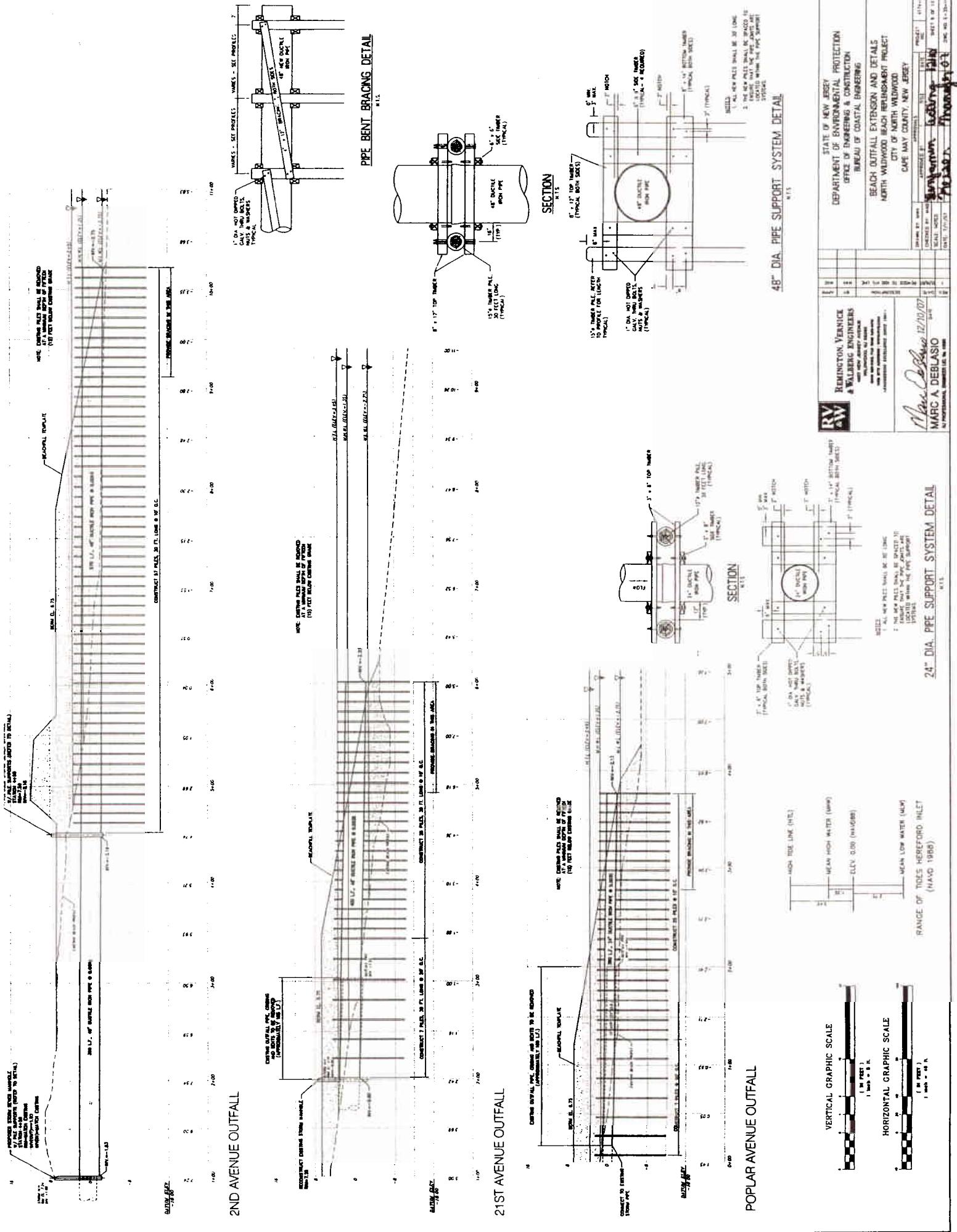
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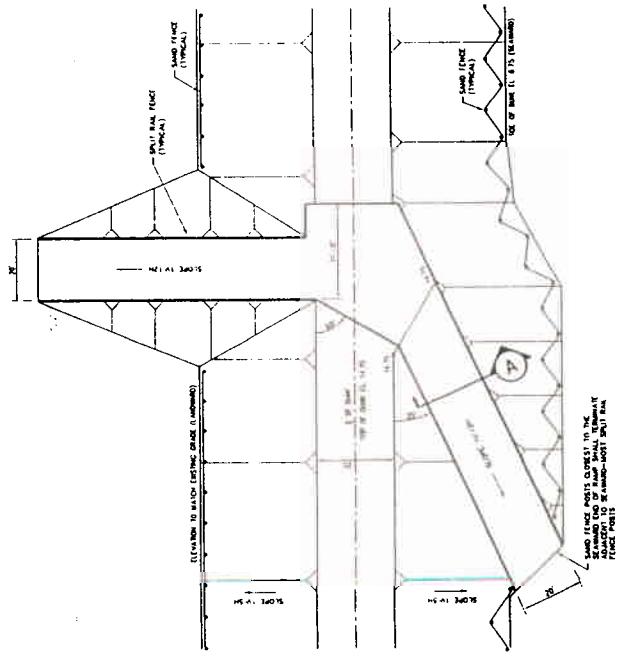


SECTION STATION 31+54

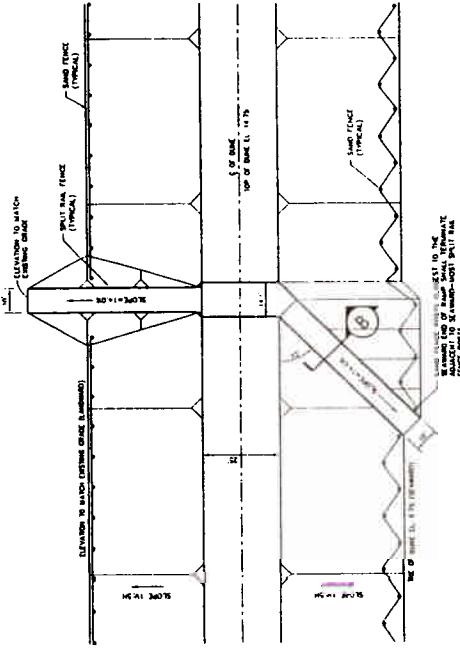
STATE OF NEW JERSEY	
DEPARTMENT OF ENVIRONMENTAL PROTECTION	
OFFICE OF ENGINEERING & CONSTRUCTION	
BUREAU OF COASTAL ENGINEERING	
BEACHFILL CROSS SECTIONS	
CITY OF MONT WILLOWOOD	
CAPE MAY COUNTY, NEW JERSEY	
NORTH WILDWOOD BEACH REINFORCEMENT PROJECT	
REMITTER	RECEIVER
REMITTER ADDRESS	RECEIVER ADDRESS
REMITTER PHONE NUMBER	RECEIVER PHONE NUMBER
REMITTER FAX NUMBER	RECEIVER FAX NUMBER
REMITTER E-MAIL ADDRESS	RECEIVER E-MAIL ADDRESS
REMITTER SIGNATURE	
RECEIVER SIGNATURE	

STATE OF NEW JERSEY	
DEPARTMENT OF ENVIRONMENTAL PROTECTION	
OFFICE OF ENGINEERING & CONSTRUCTION	
BUREAU OF COASTAL ENGINEERING	
BEACHFILL CROSS SECTIONS	
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REMITTER SIGNATURE	
RECEIVER SIGNATURE	

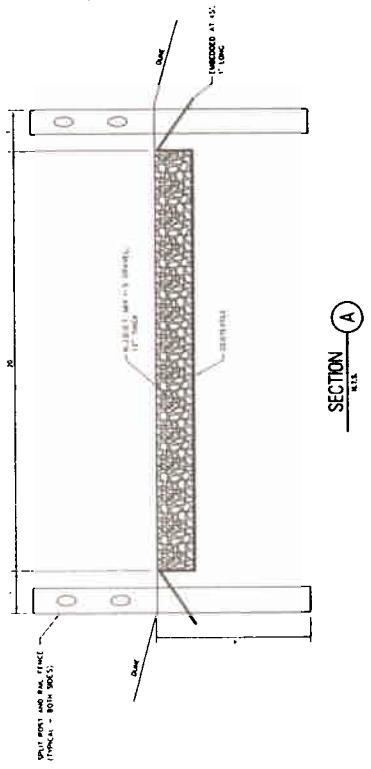




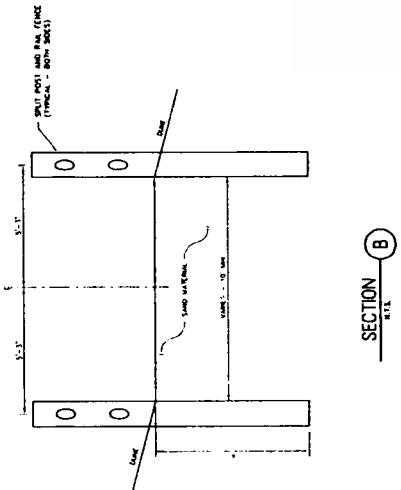
TYPICAL VEHICULAR CROSSOVER DETAIL



TYPICAL PEDESTRIAN CROSSOVER DETAIL

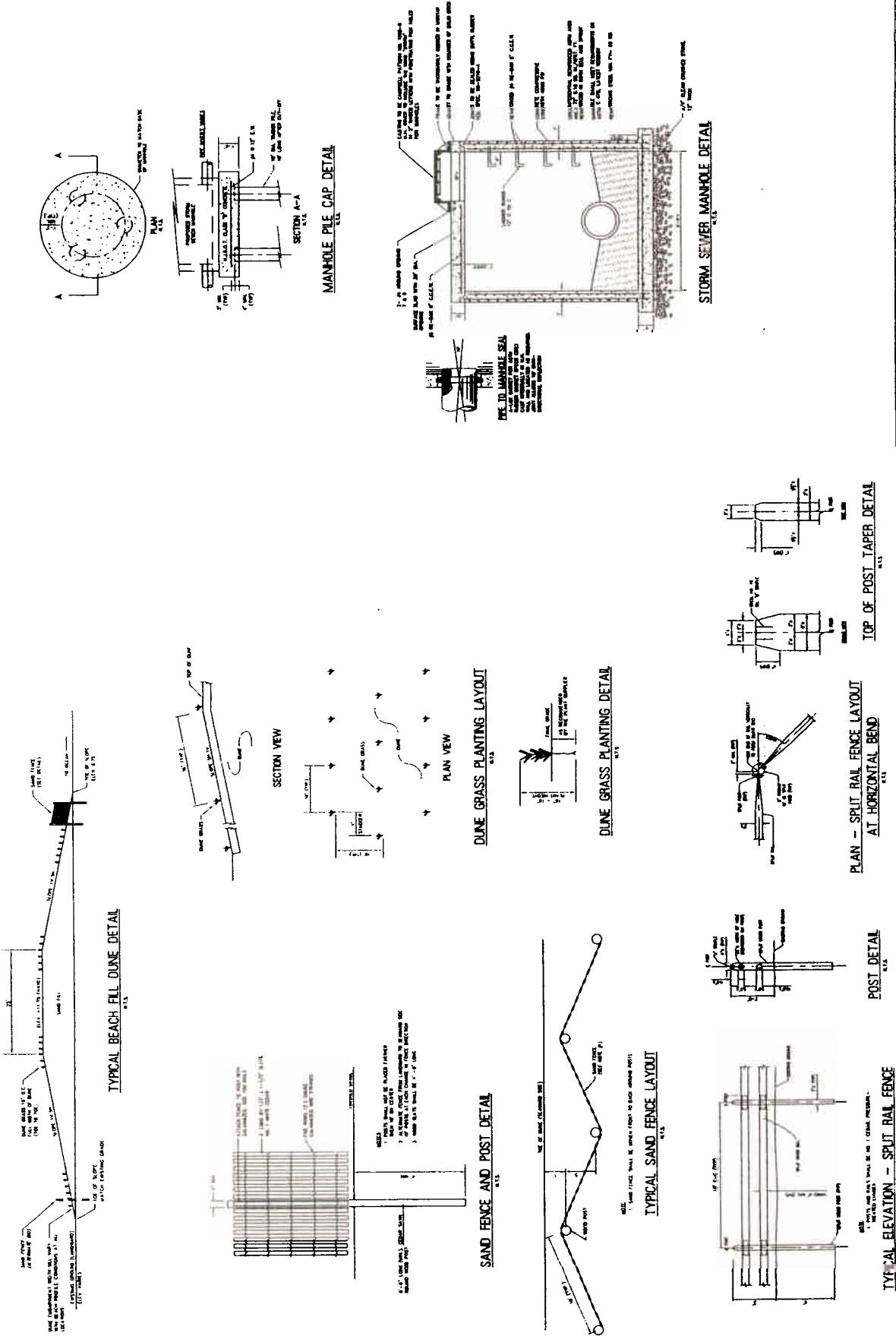


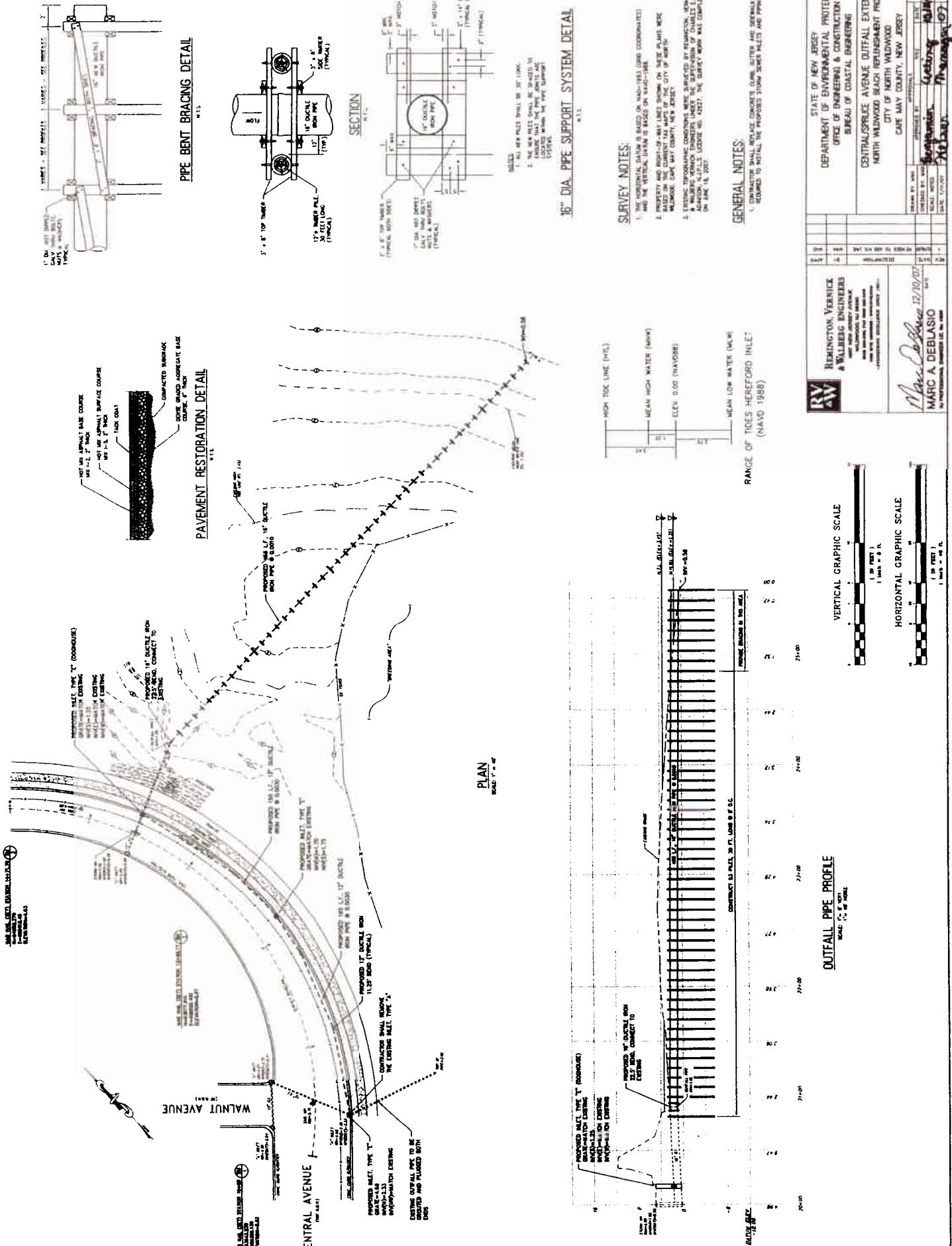
SECTION A
N.Y.

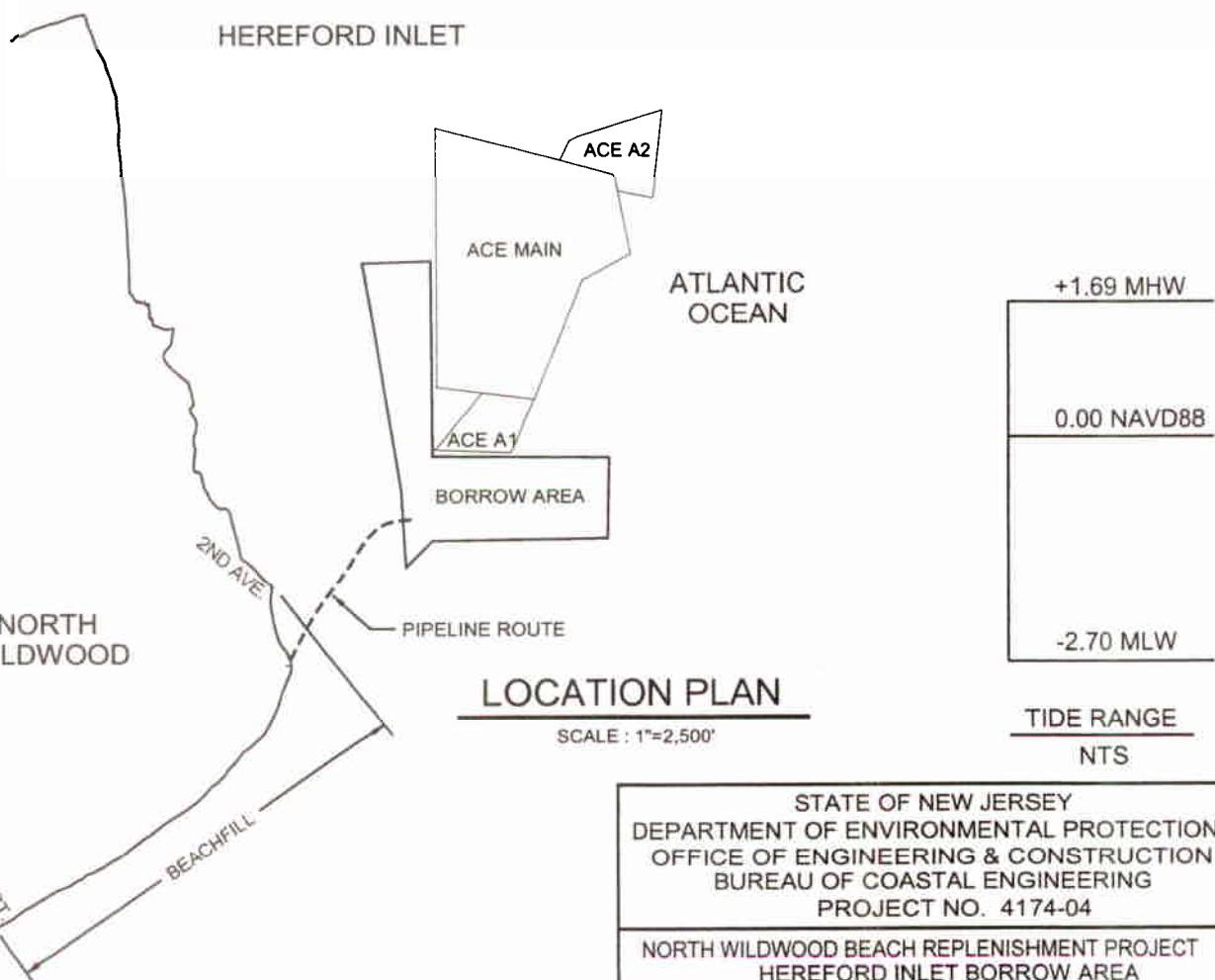


SECTION B
N.Y.S.

STATE OF NEW JERSEY		DEPARTMENT OF ENVIRONMENTAL PROTECTION	
		OFFICE OF ENGINEERING & CONSTRUCTION	
		BUREAU OF COASTAL ENGINEERING	
		VARIOUS CONSTRUCTION DETAILS	
		CAPE MAY COUNTY, NEW JERSEY	
		NORTH WILDWOOD BEACH REINFORCEMENT PROJECT	
		CAPE MAY, NEW JERSEY	
		PROJECT NO. 417-04	
		SHEET 12 OF 12	
		ONE INCH = 100 FEET	

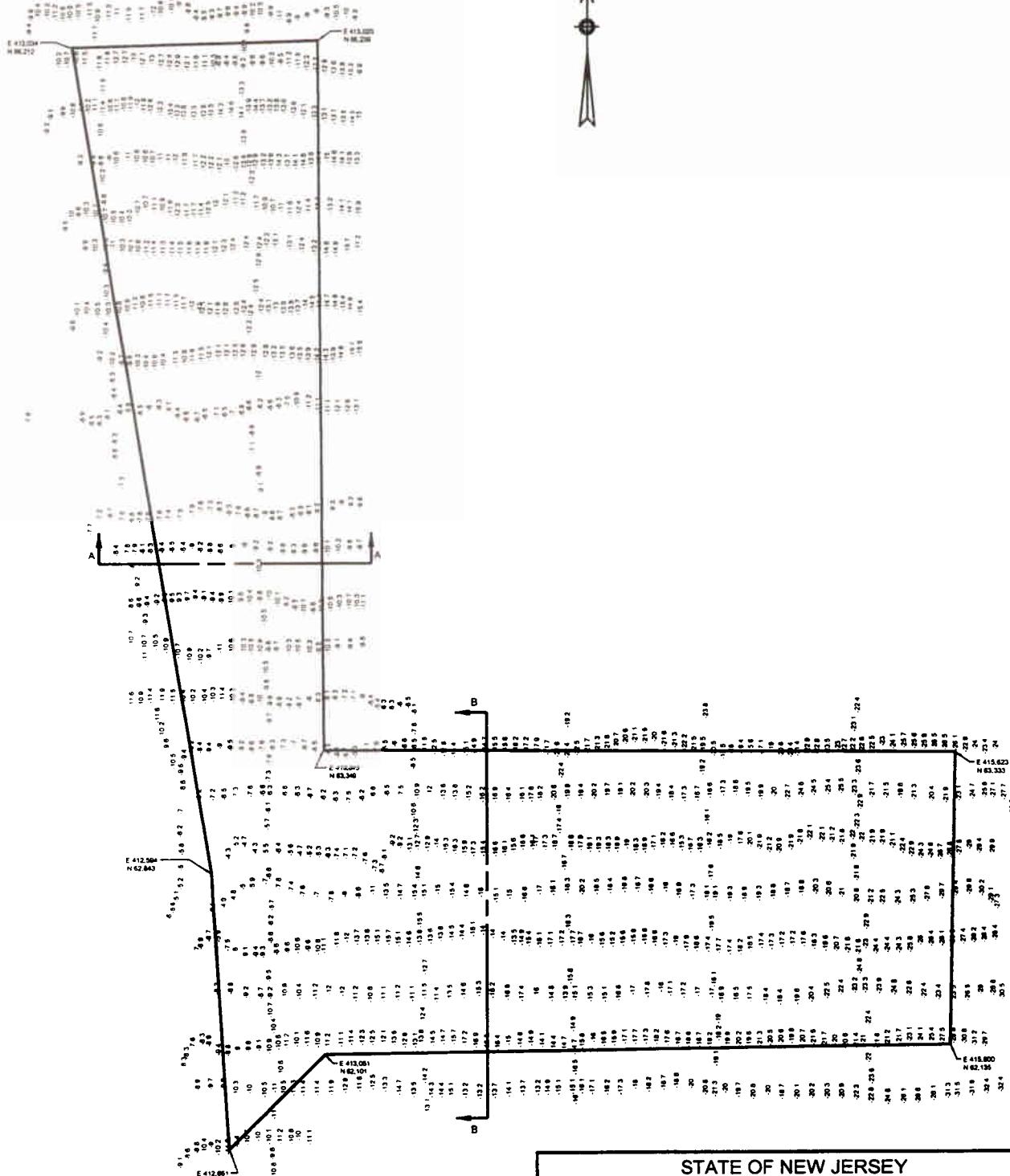






REVISED OCT. 31, 2007 - TIDE RANGE ADJUSTMENT

+1.69 MHW
0.00 NAVD88
-2.70 MLW



PLAN

NOTE: ALL SOUNDINGS ARE IN FEET AND TENTHS OF FEET
AND REFER TO NAVD88.

NJ SPCS NAD83

SOUNDINGS PERFORMED SEPT. 16, 2006

REVISED OCT. 31, 2007 - TIDE RANGE ADJUSTMENT

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF ENGINEERING & CONSTRUCTION
BUREAU OF COASTAL ENGINEERING
PROJECT NO. 4174-04

NORTH WILDWOOD BEACH REPLENISHMENT PROJECT
HEREFORD INLET BORROW AREA
CITY OF NORTH WILDWOOD
COUNTY OF CAPE MAY

DWN. BY : BMC APPROVED BY

SCALE : 1"=600'

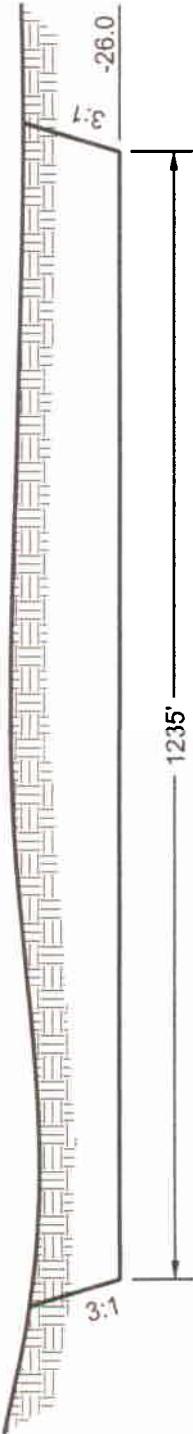
DATE : AUG. 24, 2007

SHEET 2 OF 3

Benjamin Heiser, Acting Manager
12/10/07

0.0 NAVD88

EXISTING GRADE

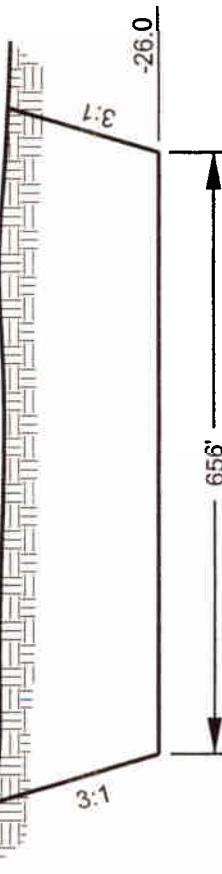


SECTION B-B

SCALES: HORIZ. 1"-200', VERT. 1"-20'

0.0 NAVD88

EXISTING GRADE



SECTION A-A

SCALES: HORIZ. 1"-200', VERT. 1"-20'

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF ENGINEERING & CONSTRUCTION
BUREAU OF COASTAL ENGINEERING
PROJECT NO. 4174-04

NORTH WILDWOOD BEACH REPLENISHMENT PROJECT
HEREFORD INLET BORROW AREA
CITY OF NORTH WILDWOOD
COUNTY OF CAPE MAY

DWN. BY : BMC	APPROVED BY
SCALE : AS SHOWN	
DATE : AUG. 24, 2007	<i>Benjamin Heiser, Acting Manager</i>
SHEET 3 OF 3	12/10/07