



**US Army Corp
of Engineers**

Public Notice

Public Notice No.	Date
CENAP-PL-E-13-02	20 December 2013

Application No.	File No.
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In Reply Refer to:
Environmental Resources Branch

HEREFORD INLET TO CAPE MAY INLET FEASIBILITY REPORT AND INTEGRATED ENVIRONMENTAL ASSESSMENT

Pursuant to Section 102 of the National Environmental Policy Act, Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act, NOTICE IS HEREBY GIVEN THAT the Philadelphia District of the U.S. Army Corps of Engineers has completed a draft feasibility report, which addresses hurricane and storm damage reduction alternatives for the coastal communities located between Hereford Inlet and Cape May Inlet, Cape May County, New Jersey (**Figure 1**). The draft feasibility report titled: Hereford Inlet to Cape May Inlet - Draft Feasibility Report and Integrated Environmental Assessment is available for public review and comment for 45 days from the date of this notice. The feasibility study is being cost-shared equally by the Federal government and the New Jersey Department of Environmental Protection (NJDEP), the non-Federal sponsor.

The proposed project site is located along the Atlantic Coast shoreline of New Jersey from Hereford Inlet to Cape May Inlet and includes the communities of North Wildwood, Wildwood, Wildwood Crest and a portion of Lower Township. Dune placement activity will take place from 2nd Avenue and John F. Kennedy Boulevard in North Wildwood to the southern border of Lower Township at Raleigh Avenue. The project's northern terminus at 2nd and JFK will have a small tapered berm section that will extend approximately 200 feet northwestward into the Hereford Inlet area. There is no tapered section into the U.S. Fish and Wildlife Service property at the southern border below Lower Township.

The recommended plan in the feasibility report was determined to be berm and dune restoration utilizing sand hydraulically back-passed from the beaches of Wildwood, Wildwood Crest and Lower Township. This plan was developed after evaluating structural and non-structural alternatives to protect property within the study area. The

beaches in these areas have historically accreted large quantities of sand, and sand can be dredged from the beach in Wildwood, Wildwood Crest and Lower Township to provide beach nourishment material to reduce storm damage to the entire island in the form of a storm protective berm and dune.

Specifically, the plan includes a dune with a crest elevation of +16ft NAVD 88, fronted by a 75-ft wide berm at elevation +6.5 ft NAVD 88 in North Wildwood. Wildwood, Wildwood Crest and Lower Township will receive a dune only plan at an elevation +16 ft NAVD 88. The design template for both dune configurations includes a 25-ft dune crest width and 1V:5H dune side slopes. The design template extends seaward from the berm crest down to mean low water (MLW) at a slope of 1V:30H, and extends further down to a closure depth of -26 ft following the average existing beach profile shape (**Figures 2-4**). The initial sand quantity is approximately 1.3 million cubic yards, which includes overfill factors and advanced nourishment. Periodic nourishment of approximately 305,000 cubic yards is scheduled to occur every 4 years for the fifty year length of the project.

In accordance with the National Environmental Policy Act of 1969, a draft Environmental Assessment, which has been integrated into the Draft Feasibility Report, has been developed for this project and is being circulated to the appropriate State and Federal agencies; local, State, and Federal officials; and private organizations.

Impacts to Water Quality have been evaluated in accordance with the Section 404(b) (1) guidelines of the Clean Water Act, and are not adverse. In accordance with Section 401 of the Clean Water Act, Water Quality Certification is being requested from the New Jersey Department of Environmental Protection.

In accordance with Section 307 (c) of the Coastal Zone Management Act of 1972, an activity affecting land or water uses in a State's coastal zone must comply with the State's Coastal Zone Management Program. A certification of compliance is being requested from the New Jersey Department of Environmental Protection.

It has been determined that the proposed work would not affect listed species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. Updated consultation with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service would occur prior to project implementation to insure compliance with Section 7 of the Endangered Species Act.

Review of the National Register of Historic Places indicates that no registered properties, or properties listed as eligible for inclusion, would be impacted by this project.

All practicable means to avoid or minimize adverse environmental effects have been incorporated into the recommended plan.

The public and all agencies are invited to comment on this proposal. Copies of the Draft Feasibility Report and Integrated Environmental Assessment are available online at

<http://www.nap.usace.army.mil/Missions/CivilWorks/PublicNoticesReports.aspx>

or upon request by calling (215) 656-6558. More detailed information on this work is also available for public review at the Philadelphia District Office of the Army Corps of Engineers.

Any person may request, in writing, to the District Engineer, within the comment period specified in this notice (December 20, 2013 – February 6, 2014), that a public hearing be held to consider this proposal. Requests for a public hearing shall state, in detail, the reasons for holding a public hearing.

All comments on the work described in this public notice and/or in the report titled: Hereford Inlet to Cape May Inlet Feasibility Study - Draft Feasibility Report and Integrated Environmental Assessment should be directed to Mr. Peter Blum, ATTN: Environmental Resources Branch, U.S. Army Corps of Engineers, Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390 by February 6, 2014.

for C. MacIntosh

Peter R. Blum, P.E.
Chief, Planning Division
Philadelphia District
U.S. Army Corps of Engineers

Figure 1. Hereford Inlet to Cape May Inlet Study Area

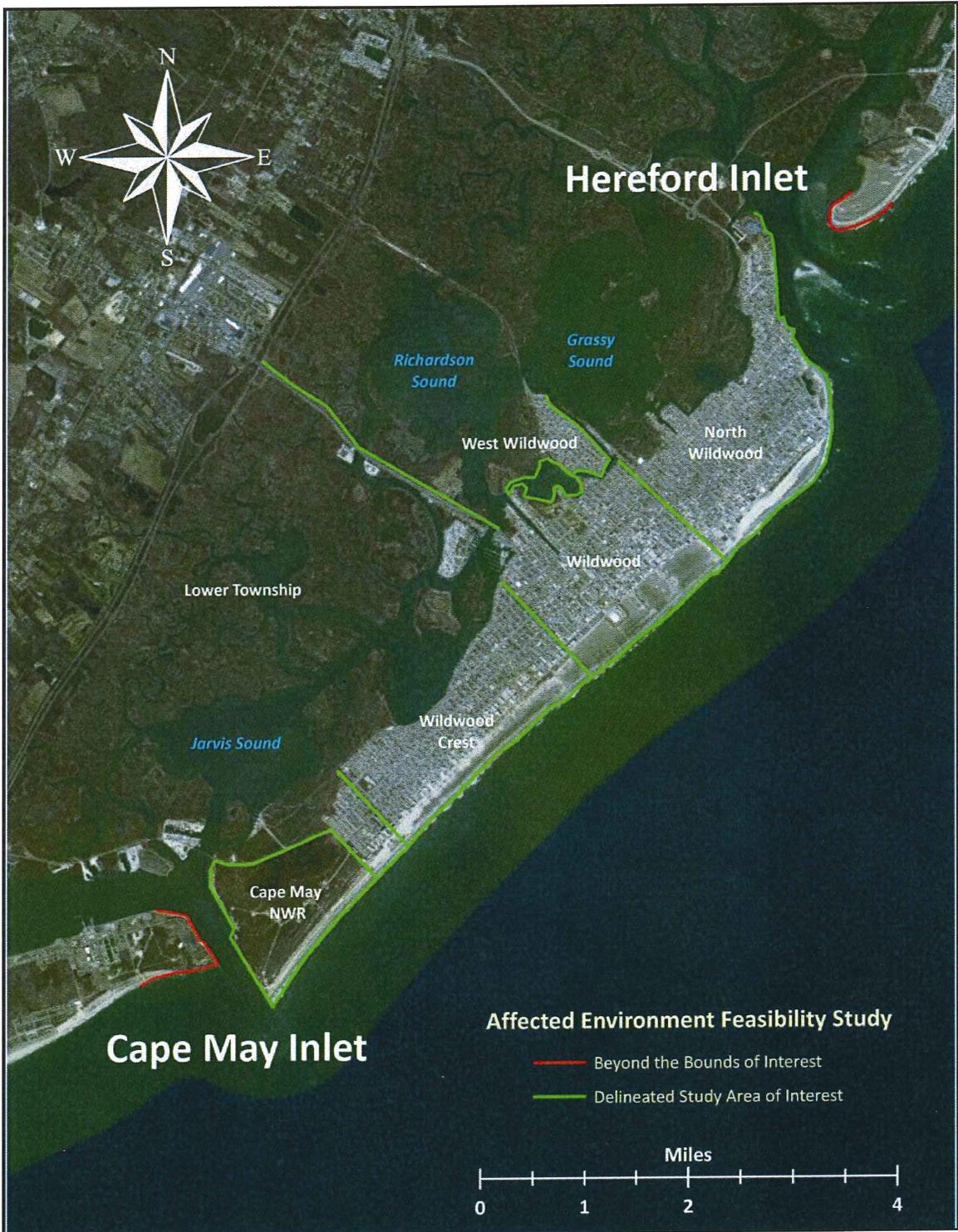


Figure 2. North Wildwood Selected Plan

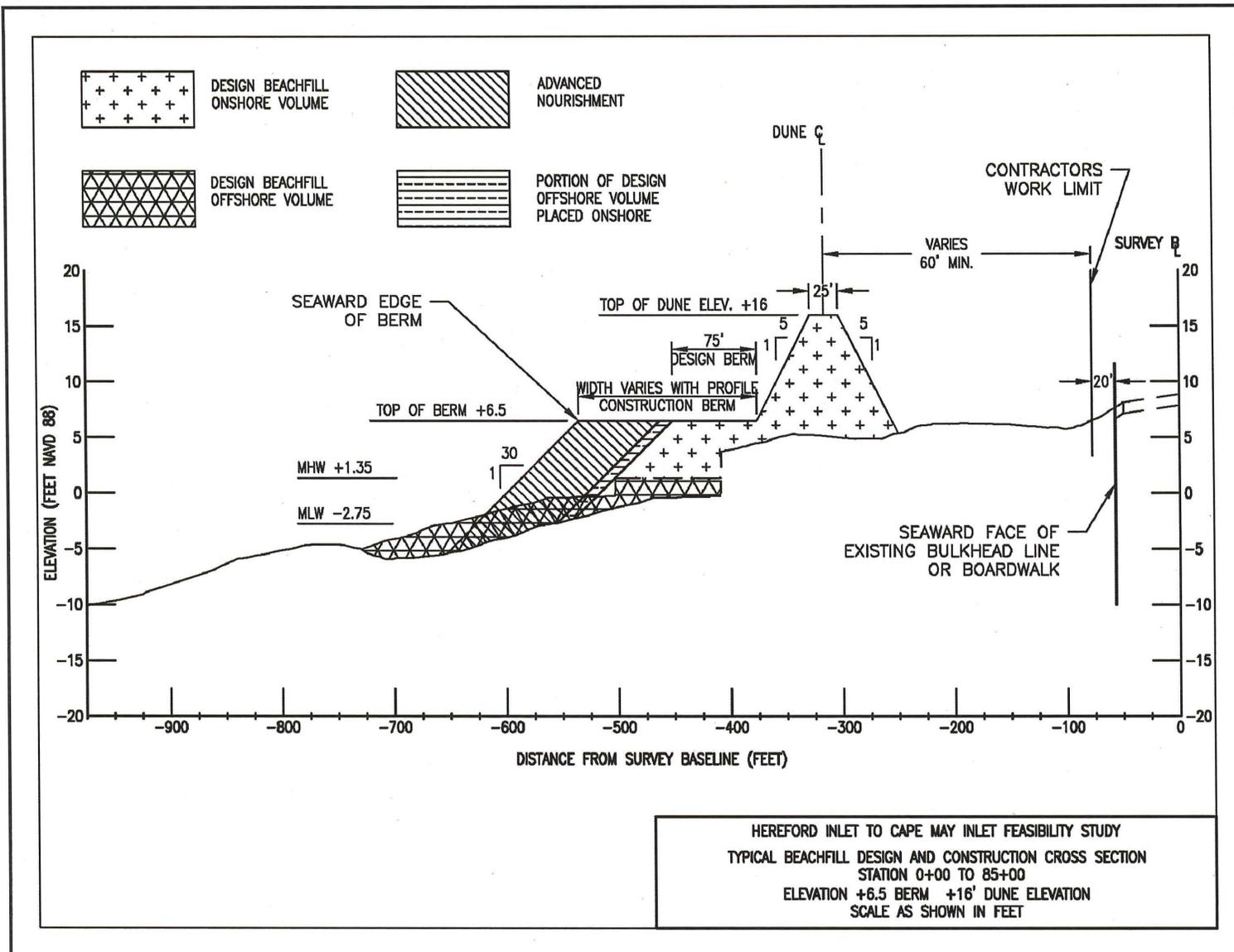


Figure 3. Wildwood/Wildwood Crest Selected Plan

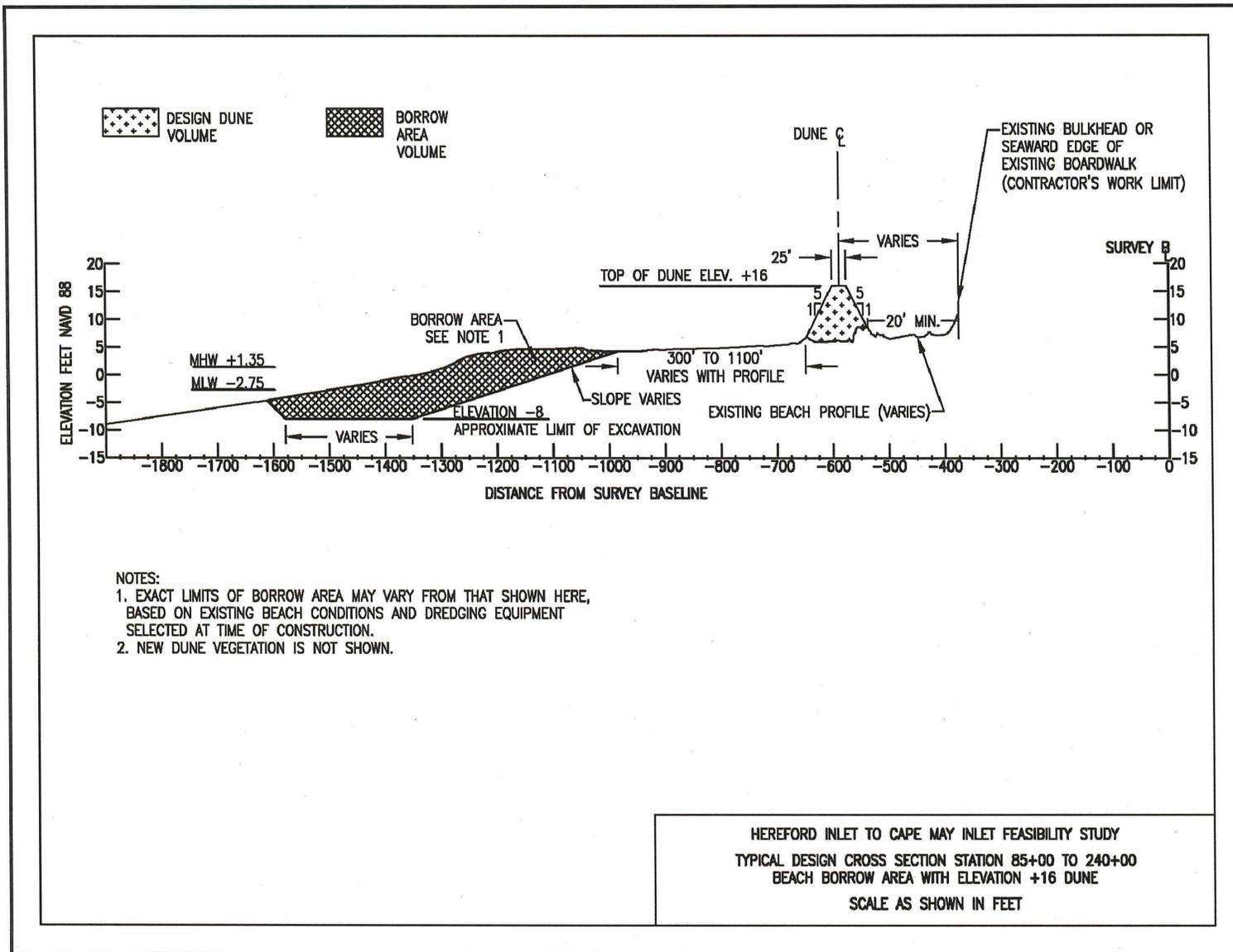
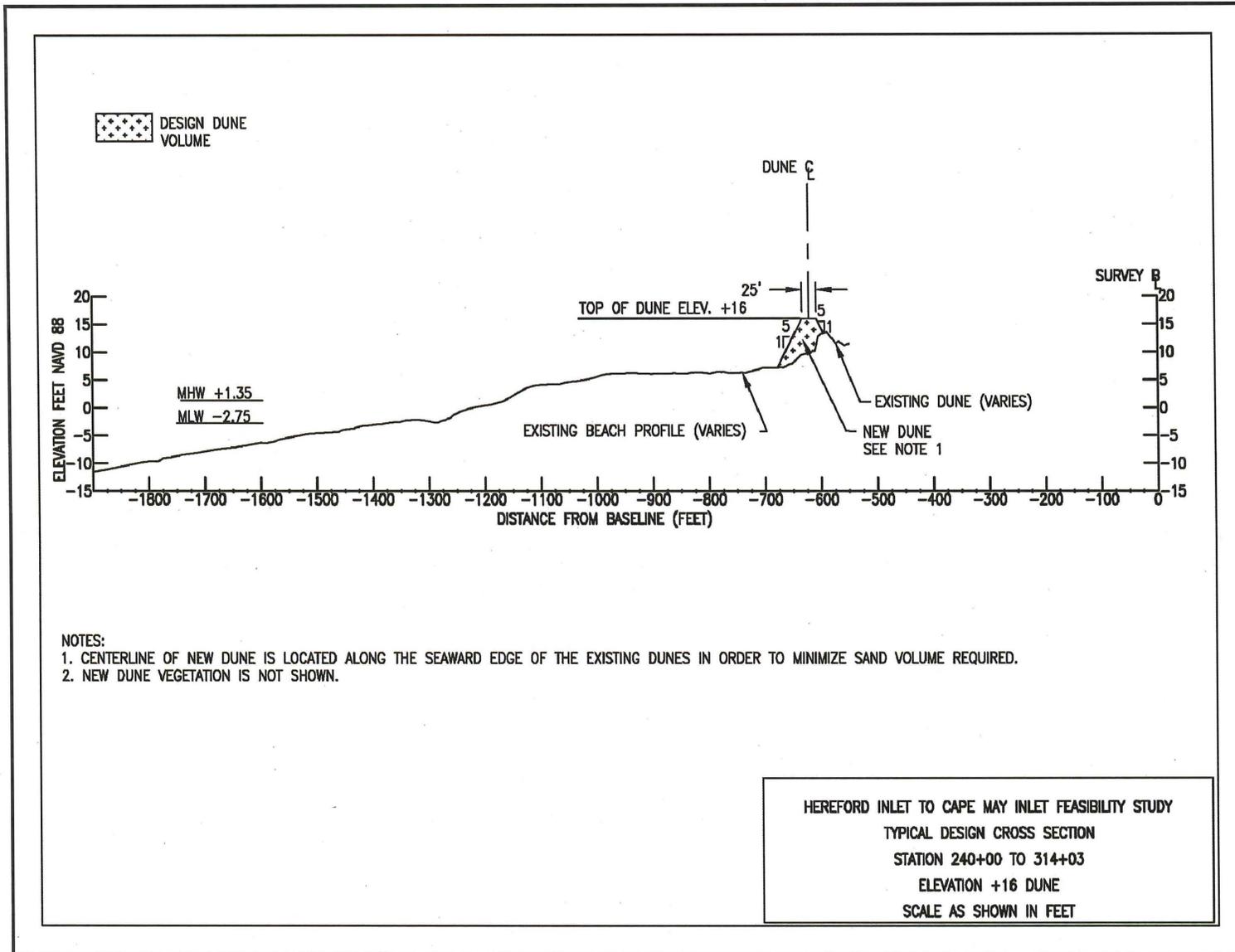


Figure 4. Lower Township Selected Plan



**U.S. ARMY CORPS OF ENGINEERS
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