

PUBLIC NOTICE

REQUEST FOR PERMISSION TO ALTER A U.S. ARMY CORPS OF ENGINEERS PROJECT UNDER SECTION 408

TITLE: Borough of Ocean Gate – Construction of a Wave Energy Dissipation Dune System at the Ocean Gate Shoreline Protection Federal Project on the Toms River in the Borough of Ocean Gate, Ocean County, New Jersey

PUBLIC NOTICE IDENTIFICATION NUMBER: NAP-2018-00820-46

PUBLIC NOTICE COMMENT PERIOD:

Begins: **03 September 2021**

Expires: **03 October 2021**

Interested parties are hereby notified that an application has been received for a Department of the Army Section 408 permission for certain work at or near a federal project of the United States, as described below and shown on attached figures. Written comments are being solicited from anyone having an interest in the requested alteration. Comments will become part of the U.S. Army Corps of Engineers' (USACE's) administrative record and will be considered in determining whether to approve the request. Comments supporting, opposing, or identifying concerns that should be considered by the USACE in its decision process are all welcome.

This public notice is not a paid advertisement and is for public information only. Issuance of this notice does not imply USACE endorsement of the project as described.

1. REQUESTER: In compliance with 33 USC 408 (Section 14 of the Rivers and Harbors Act of 1899; hereinafter Section 408), the Borough of Ocean Gate has requested permission to construct a wave energy dissipation dune system at the Ocean Gate Shoreline Protection Federal Project on the Toms River in the Borough of Ocean Gate, Ocean County, New Jersey. The Ocean Gate Shoreline Protection Federal Project was constructed in 2002 under Section 14 of the Flood Control Act of 1946 Continuing Authorities Program.

2. LOCATION: The proposed project is located at the southern shoreline of the Toms River, along West Riviera Avenue and East Riviera Avenue in the Borough of Ocean Gate, Ocean County, New Jersey; between approximate coordinates: 39.929820, -74.142383 and 39.928680, -74.124282.

3. LOCATION MAP(S)/DRAWING(S): Please see attached Project Plans 1 through 9.

4. REQUESTER'S PROPOSED ACTION: Construction of a wave energy dissipation dune system at the Ocean Gate Shoreline Protection Federal Project via installation of articulated

concrete matting, restoration of vegetation, removal of existing timber and concrete breakwater revetment, and the relocation of the existing concrete revetment to stabilize the proposed dunes. Also proposed is the extension of an existing 18-inch diameter reinforced concrete outfall pipe through the proposed dunes. Public access is proposed on the existing boardwalk at twelve locations: east of Ocean Gate Avenue, Asbury Avenue, East Chelsea Avenue, Wildwood Avenue, East Longport Avenue, west of Stone Harbor Avenue, Stone Harbor Avenue, Monmouth Avenue, west of Anglesea Avenue, Anglesea Avenue, Newport Avenue and Narragansette Avenue.

Beach replenishment and dune creation is proposed to occur along the entire length of the existing boardwalk along West Rivera Avenue and East Rivera Avenue. Once the material has been placed, concrete articulated block will be installed and topped a minimum of 3.0-inches of sand. Native plantings are also proposed to be installed in these areas.

The stated purpose of the project is to dissipate high velocity waves from the Toms River and to control beach erosion.

5. REGULATORY AUTHORITY: This request will be reviewed according to the provisions of Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. 408). A requestor has the responsibility to acquire all other permissions or authorizations required by federal, state, and local laws or regulations, including any required permits from the USACE Regulatory Program under Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403), Section 404 of the Clean Water Act (33 USC Section 1344) and/or Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 USC 1413). Any Section 10/404/103 permit decision associated with the proposed alteration is separate from and will not be included in the Section 408 permission decision. An approval under Section 408 does not grant any property rights or exclusive privileges nor does it authorize any injury to the property or rights of others.

6. ENVIRONMENTAL COMPLIANCE: A decision on a Section 408 request is a federal action, and therefore subject to the National Environmental Policy Act (NEPA) and other environmental compliance requirements. While ensuring compliance is the responsibility of USACE, the requester is providing all information that the Philadelphia District identifies as necessary to satisfy all applicable federal laws, executive orders, regulations, policies, and ordinances. Based on information provided by the applicant to date, current Corps regulations governing NEPA implementation, and/or the contents of existing NEPA documentation if available, it is likely that the proposed action will be determined to be categorically excluded from the need to prepare an Environmental Assessment (EA) or Environmental Impact Statement (EIS). This determination will be finalized following completion of agency coordination and prior to issuance of the Section 408 Permission Decision.

7. EVALUATION: As part of its evaluation, USACE will first make a determination that the submittal from the requestor is complete. The Philadelphia District is working closely with the requestor to ensure that all required technical plans, maps, drawings, and specifications are provided and are complete. Once the package is complete, a District-led review will be conducted to determine, in accordance with Engineering Circular (EC) 1165-2-216, whether

the proposed alteration will impair the usefulness of the USACE Project or be injurious to the public interest, as follows:

- A. *Impair the Usefulness of the Project Determination.* The Philadelphia District's Section 408 review team will determine if the proposed alteration will limit the ability of the federally authorized project to function as authorized, or will compromise or change any authorized project conditions, purposes or outputs.
- B. *Injurious to the Public Interest Determination.* Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Evaluation of the probable impacts that the proposed alteration to the USACE project may have on the public interest requires a careful weighing of all those factors that are relevant in each particular case. Factors that may be relevant to the public interest depend upon the type of USACE project being altered and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks. If the potential detriments are found to outweigh the potential benefits, then it may be determined that the proposed alteration is injurious to the public interest.

8. SOLICITATION OF COMMENTS: The USACE 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 the proposed activity. Any comments received will be considered by USACE to determine whether to issue, modify, condition, or deny a permission for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are considered in making a final determination whether the proposed action will be categorically excluded from the need to prepare further NEPA documentation. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

- A. It should be noted that materials submitted as part of the Section 408 request become part of the public record and are thus available to the general public under the procedures of the Freedom of Information Act (FOIA). Individuals may submit a written request to the Philadelphia District Corps of Engineers, Office of Counsel to obtain copies of said materials under the FOIA.
- B. It is presumed that all parties viewing this notice will wish to respond to this public notice; therefore, a lack of response will be interpreted as meaning that there is no objection to the project as described.

9. COMMENT SUBMISSION AND ADDITIONAL INFORMATION: Written comments on the described work should reference the USACE Public Notice Identification Number found on the first page of this notice. Comments must reach this office no later than the stated expiration date of the Public Notice to become part of the record and be considered in the

decision. Comments or requests for additional information should be mailed or emailed to the following address:

Email: JuanCarlos.Corona@usace.army.mil

Mailing Address:

U.S. Army Corps of Engineers

Philadelphia District

ATTN: Juan Carlos Corona

7th Floor

100 Penn Square East

Philadelphia, PA 19107-3390

CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. ANY ERRORS OR DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
- ALL PAVED AND CONCRETE AREAS, STRUCTURES AND FEATURES (PONDING, LANDSCAPING, DRIVEWAYS, ETC.) DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
- ALL GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDS. SEEDING SHALL BE SEED TYPE A-1.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT HE DAMAGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION LAYOUT OF THE PROJECT. PAYMENT SHALL BE INCLUDED UNDER THE VARIOUS ITEMS IN THE BID SCHEDULE.
- RESTORATION OF DISTURBED AREAS, EXCEPT AS INDICATED ON THE BID FORM, SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER. EMBANKMENT, TOPSOIL AND SEEDING CONSTRUCTION ADJACENT TO THE SIDEWALK AND CURB SHALL BE IN ACCORDANCE WITH N.J.D.O.T. STANDARDS AND SHALL BE INCLUDED UNDER THE UNIT PRICE BID FOR SITE RESTORATION.
- THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE FACT THAT THE APPROXIMATE LOCATIONS OF ROADWAY FACILITIES AND UTILITY STRUCTURES THAT MAY BE ENCOUNTERED HEREIN AND ADJACENT TO THE LIMITS OF THE WORK ARE GIVEN ON THE PLANS. THE ACCURACY AND COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED BY THE ENGINEER AND THE CONTRACTOR IS ADVISED TO VERIFY IN THE FIELD ALL THE FACTS CONCERNING THE LOCATIONS OF THESE FACILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL REMOVE AND REPAIR OF ALL MATERIALS AS INDICATED HEREIN IN ACCORDANCE WITH ALL FEDERAL, STATE, COUNTY AND LOCAL REGULATIONS. NO ADDITIONAL PAYMENT SHALL BE MADE, BUT THE COST THEREOF SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE BID SCHEDULE.
- DUE TO THE ONGOING NATURE OF UTILITY INSTALLATIONS AND REPAIRS, THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH ALL UTILITIES TO ACCOMMODATE THEIR WORK AND SCHEDULES. ANY ROADWAY BASE REPAIRS OR RESURFACING WORK THAT MAY BE IN CONFLICT WITH UTILITY WORK BY OTHERS SHALL BE DEFERRED UNTIL THE UTILITIES HAVE COMPLETED THEIR UNDERGROUND UTILITY WORK. THE CONTRACTOR SHALL REQUEST AN EXTENSION OF TIME TO COMPLETE THE WORK IN ACCORDANCE WITH THE SPECIFICATIONS, HOWEVER ADDITIONAL PAYMENT FOR EXTENSION OF TIME SHALL NOT BE MADE.
- UNDERMINT ANY ZONES OF INSTABILITY DEVELOPED BY THE PROPOSED WORK, AS DETERMINED BY THE ON-SITE REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER, AND REPLACE THE UNDERMINT MATERIAL WITH CONTROLLED STRUCTURAL FILL. AS DEFINED HEREIN. AS REQUIRED, PLACE THE GRADING SURFACE TO THE PROPOSED FINISH ELEVATION WITH CONTROLLED STRUCTURAL FILL. THE GRANULAR PORTION OF THE GEOSYNTHETIC SOILS PREVIOUSLY DESCRIBED CAN BE USED AS A COMPONENT OF THE STRUCTURAL FILL ONLY IF THE SOIL IS WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D 1557).
- CONTROLLED STRUCTURAL FILL SHOULD CONSIST OF NEARLYLY READY COMPACTIBLE, PREDOMINANTLY WELL-GRADED GRANULAR SOILS WITH NO MORE THAN 12% FINES (MATERIAL PASSING THE NO. 200 SIEVE) AND A MAXIMUM PARTICLE SIZE OF 3 INCHES. THE MOISTURE CONTENT OF THE FILL MATERIALS SHOULD BE CONTROLLED TO WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY ASTM D 1557. IF NECESSARY, ADDITION OF BLENDS, AS NECESSARY, CONTROLLED FILL SHOULD BE PLACED IN LOOSE HORIZONTAL LIFTS WITH A MAXIMUM THICKNESS OF 8 FEET. IT IS RECOMMENDED THAT CONTROLLED FILL WITHIN THE CONSTRUCTION AREA BE COMPACTED TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY, AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D 1557). IN ADDITION, IT IS RECOMMENDED THAT ALL FILLS BE STABLE WITHOUT SIGNIFICANT MOVEMENT UNDER CONSTRUCTION TRAFFIC, AS JUDGED BY THE GEOTECHNICAL ENGINEER'S REPRESENTATIVE ON-SITE. QUALITY CONTROL TESTING OF IN-PLACE FILL DENSITIES SHOULD BE CONDUCTED THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- ALTHOUGH THERE ARE TWO ITEMS FOR "CLEARING SITE" AND "SOIL EROSION AND SEDIMENT CONTROL" ON THE PLANS, THERE IS ONE BID ITEM FOR ALL LOCATIONS. THE BID ITEM SHALL INCLUDE ALL LOCATIONS IN PREPARATION OF EACH BID ITEM.
- ALL FILL MATERIAL TO BE SUITABLE TO MEET OCEAN COUNTY SOIL EROSION AND SEDIMENT CONTROL STANDARDS FOR DUNE AND BEACH REPLENISHMENT. ANY SUBSTITUTION MUST BE APPROVED BY THE ENGINEER.
- PRIOR TO THE BEGINNING OF CONSTRUCTION ALL SOIL EROSION AND SEDIMENT CONTROL MUST BE IN PLACE.
- CONTRACTOR TO COORDINATE ALL STORMWATER AREAS FOR FILL MATERIAL WITH THE TOWNSHIP PRIOR TO ANY CONSTRUCTION OR MATERIALS BROUGHT TO THE SITE.

WATER DISTURBANCE AREA CALCULATIONS ONLY:

Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Area-1	bounded	1.000	1.000	12035.46	0.68	1177.53	1177.46<FILL>
Area-2	bounded	1.000	1.000	10378.91	0.30	761.19	760.89<FILL>
Area-3	bounded	1.000	1.000	15091.99	1.47	1041.13	1039.65<FILL>
Area-4	bounded	1.000	1.000	20944.99	0.01	1335.88	1335.87<FILL>
Area-5	bounded	1.000	1.000	2652.86	0.00	78.95	78.95<FILL>
Area-6	bounded	1.000	1.000	39976.82	0.34	3403.19	3402.85<FILL>
Area-7	bounded	1.000	1.000	28696.55	0.03	2197.77	2197.74<FILL>

Totals	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total	129777.58	2.22	9995.63	9993.41<FILL>

* Value adjusted by cut or fill factor other than 1.0

NOTES:

- THE ABOVE CALCULATIONS ARE A CUT AND FILL ANALYSIS FOR THE PROPOSED CAPTIVITY FROM THE MEAN HIGH WATERLINE TO BELOW THE WATER LINE. THIS IS ONLY FOR THE REACH REPLENISHMENT BELOW THE MEAN HIGH WATER LINE FOR EACH SECTION.
- THE CALCULATIONS ARE SAMPLED IN A 3D BY FORMAT FROM THE EXISTING TOPOGRAPHY TO THE PROPOSED CONTOURS AND IS SAMPLED EVERY FOOT FOR AN ACCURATE RESULT.
- THE SAMPLING METHODS USED ARE FROM AUTOCAD CIVIL 3D SOFTWARE USING THE EARTHWORK VOLUMES.

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WEB SITE ADDRESS : WWW.RVE.COM
Construction of Automobile 24 GA. 20003200
-RESISTANCE EXCELLENCE-

M.B.O.H.H.
ALAN B. DITTENHOFER
N.J. PROFESSIONAL ENGINEER, No. 37872

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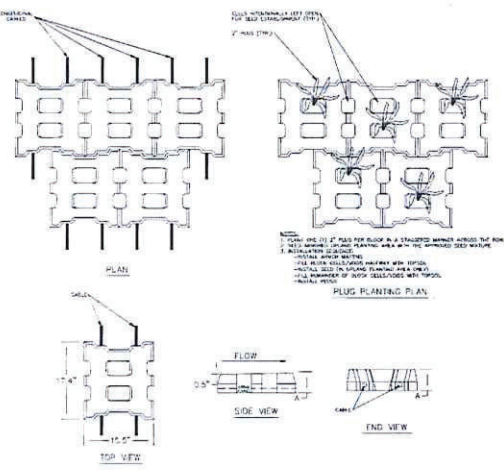
NO.	DATE	BY	REVISION

NOTES AND CALCULATIONS

BOROUGH OF OCEAN GATE
H.M.G.P. WAVE ENERGY DISSIPATION AND FLOOD MITIGATION
BOROUGH OF OCEAN GATE OCEAN COUNTY NEW JERSEY
7/7/07 8:11:38 AM

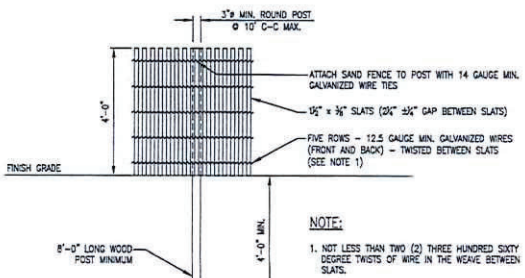
REVISED	DATE	BY	REVISION

DATE: 8-20-21
PAGE: 2 of 9
PROJECT: 022-0-029
SCALE: 1/8" = 1'-0"



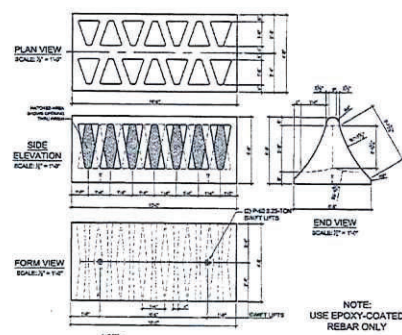
NOTE:
 1. ARMOR BLOCKS TO BE APPROXIMATELY OPEN CELL BLOCK 70-1 BY CONTEXT OR APPROVED EQUAL.

ARTICULATED MATTING DETAIL
 N.T.S.



NOTE:
 1. NOT LESS THAN TWO (2) THREE HUNDRED SIXTY DEGREE TWISTS OF WIRE IN THE WEAVE BETWEEN SLATS.

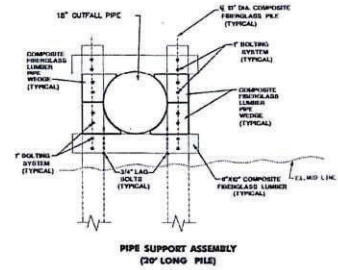
DUNE FENCE DETAIL
 N.T.S.



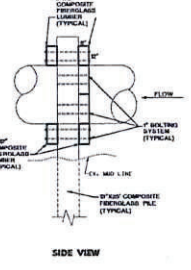
NOTE:
 USE EPOXY-COATED REBAR ONLY

CONCRETE BEACH PRISM DETAIL
 N.T.S.

NOTE:
 1. EXISTING BEACH PRISMS TO BE RELOCATED AS SHOWN ON PAGE 6 & 7 OF THE PLANS.



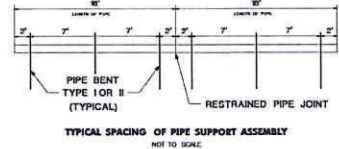
PIPE SUPPORT ASSEMBLY
 (2X7 LONG PILE)



OUTFALL PIPE EXTENSION DETAIL
 N.T.S.

NOTE: ROLL SYSTEM SHALL BE 1\"/>

OUTFALL PIPE EXTENSION DETAIL
 N.T.S.



TYPICAL SPACING OF PIPE SUPPORT ASSEMBLY
 NOT TO SCALE



Product Trade Name	Material	Grade	Color	Part Number	Roll Dimensions*	Roll weight	Anchorage included in the kit
Mobi-Mat™	100% Recycled Polyester	0.27	Blue Jay	206-483	16.5' x 3m	220lb - 103kg	• Connection
				206-484	33' x 3m	470lb - 215kg	
				206-485	50' x 3m	680lb - 310kg	
				206-486	65' x 3m	1110lb - 505kg	
				206-488	100' x 3m	1700lb - 770kg	
				206-484	16.5' x 3m	220lb - 103kg	• Staples
				206-495	33' x 3m	470lb - 215kg	
				206-496	50' x 3m	680lb - 310kg	
				206-497	65' x 3m	1100lb - 500kg	
				206-498	100' x 3m	1700lb - 770kg	

*For any customized length, please contact us.
 The installation sheet can be downloaded on www.mobi-mat-chain-beach-access-dms.com

Each kit is equipped with end connectors and eyelets to insert the staples provided in the kit.

The installation sheet can be downloaded on www.mobi-mat-chain-beach-access-dms.com

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 ☎ +33 (0) 545 677 630
 ✉ info@mobi-mat.com

DISTRIBUTOR

BEACH ACCESS RAMP DETAIL
 N.T.S.

NOTE:
 1. AS SHOWN OR APPROVED EQUAL.

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 TOMS RIVER, NJ 08733
 (732) 286-6220, FAX (732) 505-8416
 WEB SITE ADDRESS: WWW.RVE.COM
 Certificate of Authorization: 26-234-00022000
 —ENGINEERING EXCELLENCE—

Alan B. Dittenhofer
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 NJ PROFESSIONAL ENGINEER LIC. No. 37972

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NO.	DATE	REVISION

CONSTRUCTION DETAILS

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 OCEAN COUNTY NEW JERSEY