



U.S. Army Corps
of Engineers
Baltimore District

Public Notice

In Reply to Application Number:
CENAB-OP-RMN (Anne Arundel County DPW/Thomas Point
Park Shoreline Stabilization) 2015-60626-M18

PN 15-78

Comment Period: November 02, 2015 to December 01, 2015

THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

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 and/or Section 404 of the Clean Water Act (33. U.S.C. 1344)** as described below:

APPLICANT: Anne Arundel County DPW / Recreation and Parks
1 Harry S. Truman Parkway
Annapolis, Maryland 21401

LOCATION AND WATERWAY: The proposed project is located within the tidal waters of Fishing Creek at Thomas Point Park, off Thomas Point Park Road, Annapolis, Anne Arundel County, Maryland.

PROPOSED WORK: To construct a segmented stone breakwater structure, a total of approximately 260 linear feet by 48 feet wide at a maximum distance of 120 feet channelward from the approximate mean high water shoreline. The stone structure is designed with three flushing ports to allow tidal exchange into the proposed living shoreline. To deposit approximately 688 cubic yards of dredged material landward of the breakwaters along approximately 193 linear feet of shoreline and to plant approximately 13,722 square feet of native marsh vegetation to establish an emergent tidal marsh living shoreline. In addition, to construct 190 linear feet of stone revetment along the shoreline, a maximum of 15 feet channelward of the approximate mean high water shoreline. The proposed project will result in approximately 6,065 square feet of permanent impact to waters of the U.S. associated with the construction of the revetment and breakwater and approximately 12,676 square feet of temporary impact to waters of the U.S. for the tidal marsh creation. The purpose of the project is to stabilize the shoreline, preventing further shoreline erosion along Thomas Point Road. All work will be completed in accordance with the enclosed plans dated September 2015.

If you have any questions concerning this matter, please contact Mr. Richard Kibby of this office at 410-962-0694 or richard.kibby@usace.army.mil.

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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 reasonable 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, economic, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and consideration of property ownership and in general, the needs and welfare of the people.

The evaluation of the impacts of the work described above on the public interest will include application of the Clean Water Act 404(b)(1) Guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act.

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 provided will become part of the public record for this action. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [Attn: Mr. Richard Kibby, CENAB-OP-RMN], P.O. Box 1715, Baltimore, Maryland, 21203-1715 or richard.kibby@usace.army.mil, within the comment period specified above.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 04-267), requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely effect Essential Fish Habitat (EFH).

The project site is adjacent to EFH as described under MSFCMA for windowpane flounder (*Scopthalmus aquosus*) juvenile and adult; blue fish (*Pomatomus saltatrix*) juvenile and adult; summer flounder (*Paralichthys dentatus*) juvenile and adult; and egg, larvae, juvenile and adult stages of red drum (*Sciaenops ocellatus*), king mackerel (*Scomberomorus cavalla*), spanish mackerel (*Scomberomorus maculatus*), and cobia (*Rachycentron canadum*), all managed species under the MSFCMA.

The project site lies within EFH for juvenile life stages of bluefish and juvenile and adult life stages of summer flounder. The project has the potential to adversely affect EFH or the species of concern by loss of spawning, nursery, forage and/or shelter habitat as described under the MSFCMA for the species and life stages identified above. The Baltimore District has made a preliminary determination that site-specific impacts would not be substantial and an abbreviated consultation will be conducted with NMFS. This determination may be modified if additional information indicates otherwise and would change the preliminary determination.

WATER QUALITY CERTIFICATION: The applicant is required to obtain a water quality certification in accordance with Section 401 of the Clean Water Act from the Maryland Department of the Environment. Any written comments concerning the work described above which relate to water quality certification must be received by the Maryland Department of the Environment, Tidal Wetlands Division, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. MDE has a statutory limit of one year from the date of this public notice to make its decision.

COASTAL ZONE MANAGEMENT PROGRAMS: The applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the Maryland Coastal Zone Management (CZM) Program. By this public notice, we are requesting the State concurrence or objection to the applicant's consistency statement. Public comments relating to consistency must be received by the Maryland Department of the Environment, Tidal Wetlands Division, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period specified above to receive consideration. MDE has a statutory limit of 6 months to concur or object to the applicant's consistency determination.

The applicant must obtain any State or local government permits which may be required.

A preliminary review of this application indicates that the proposed work will not affect Federal listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

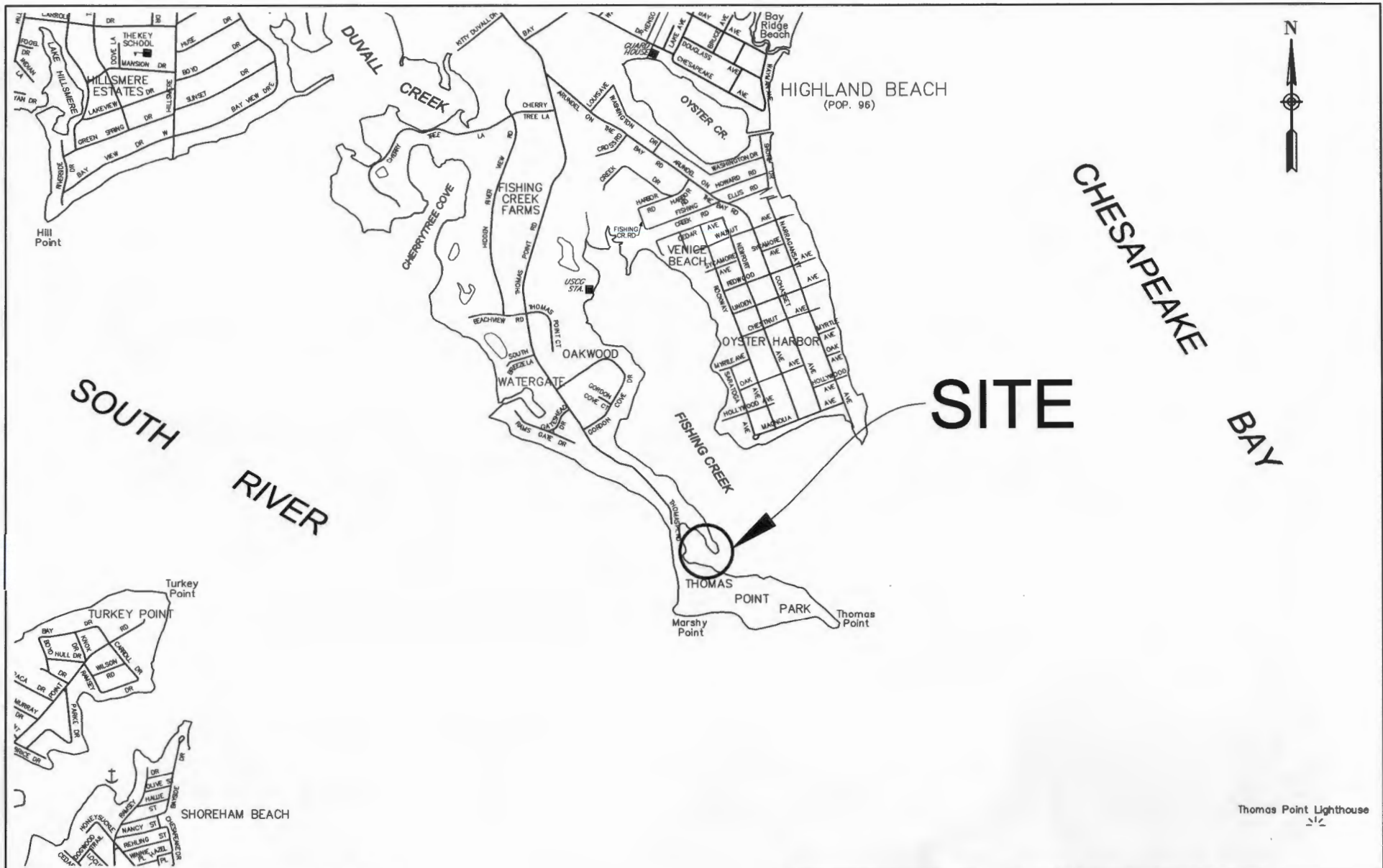
Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion, therein, are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the request permit.

Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [Attn: Mr. Richard Kibby, CENAB-OP-RMN], P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period as specified above to receive consideration. Also, it must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected.

It is requested that you communicate this information concerning the proposed work to any persons know by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

Joseph P. DaVia
Chief, Maryland Section Northern



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ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
THOMAS POINT PARK SHORELINE PROTECTION
VICINITY MAP

Sheet No. 1 of 5

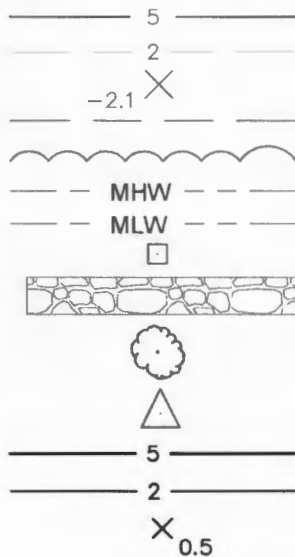
Job No. 111075.10

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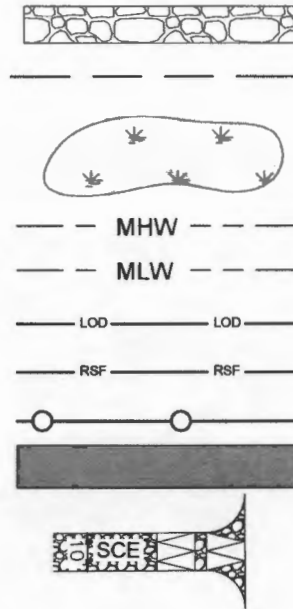
Date SEPT. 2015

Drawn By: S.E.H.

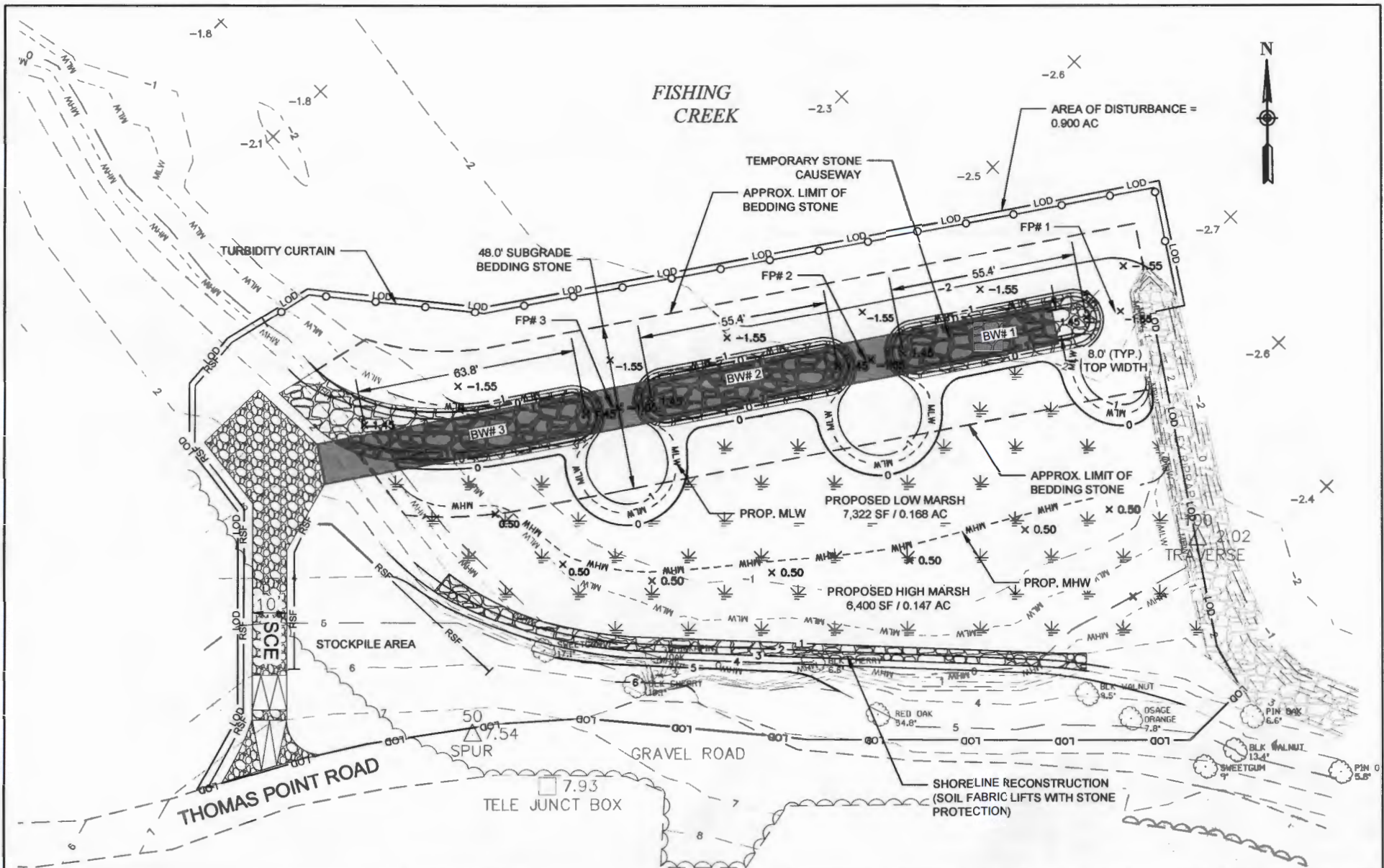
GENERAL LEGEND



EX. 5' MAJOR CONTOUR
 EX. 1' MINOR CONTOUR
 EX. SPOT ELEVATION
 EX. EDGE OF GRAVEL ROAD
 EX. TREE LINE
 EX. MEAN HIGH WATER (MHW)
 EX. MEAN LOW WATER (MLW)
 EX. TELEPHONE JUNCTION BOX
 EX. RIPRAP
 EX. TREE
 TRAVERSE POINT
 PROP. 5' MAJOR CONTOUR
 PROP. 1' MINOR CONTOUR
 PROP. SPOT ELEVATION



PROP. ARMOR STONE
 APPROX. LIMIT OF PROP. BEDDING STONE
 PROP. TIDAL MARSH
 PROP. MEAN HIGH WATER (MHW)
 PROP. MEAN LOW WATER (MLW)
 PROP. LIMIT OF DISTURBANCE
 PROP. REINFORCED SILT FENCE
 PROP. TURBIDITY CURTAIN
 PROP. STONE CAUSEWAY
 PROP. STABILIZED CONSTRUCTION ENTRANCE



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GENERAL NOTES:

1. THIS DRAWING IS FOR OUTLINE PURPOSES ONLY. DESIGN DRAWINGS ARE TO BE PROVIDED SEPARATELY.
 2. BREAKWATER DIMENSIONS INDICATE STRUCTURE TOP LENGTH AND WIDTH.
- TOTAL MARSH CREATION = 13,722 SF / 0.315 AC
 - TOTAL LENGTH OF LIVING SHORELINE = 260 LF

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

THOMAS POINT PARK SHORELINE PROTECTION IMPACT PLATE

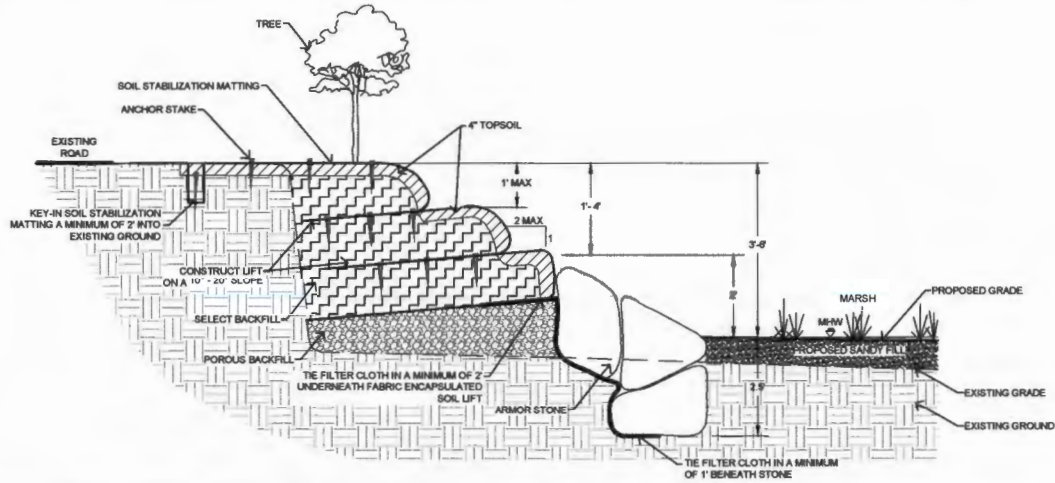
Sheet No. 3 of 5

Job No. 111075.10

Scale: 1"=40'

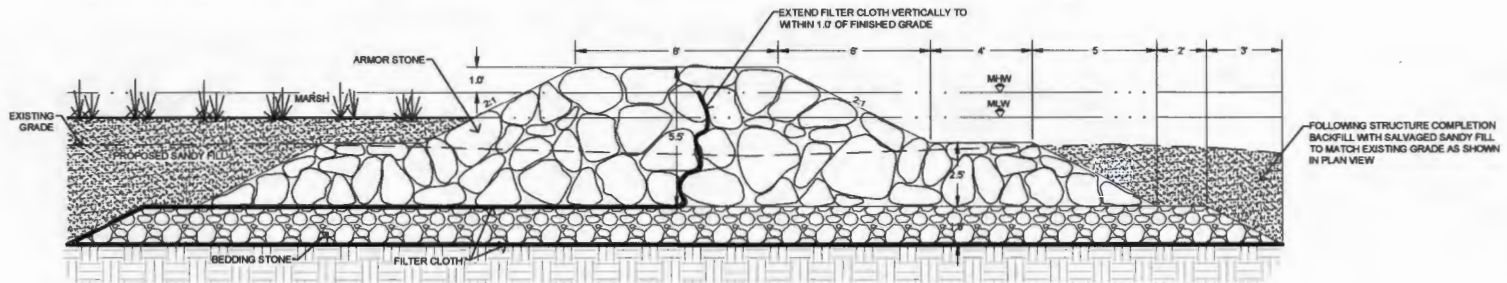
Date: SEPT. 2015

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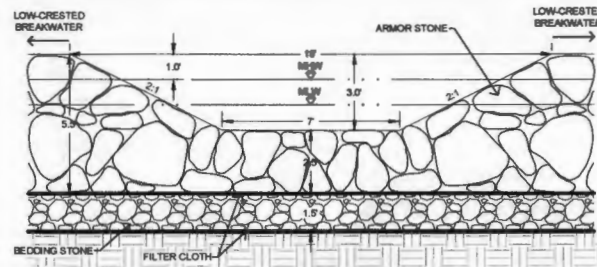
SHORELINE RECONSTRUCTION (SOIL FABRIC LIFTS WITH STONE PROTECTION) - SECTION VIEW A-A' (TYPICAL)

NOT TO SCALE



LOW-CRESTED BREAKWATER (BW) - SECTION VIEW B-B' (TYPICAL)

NOT TO SCALE



FLUSHING PORT (FP) - PROFILE C-C' (TYPICAL)

NOT TO SCALE

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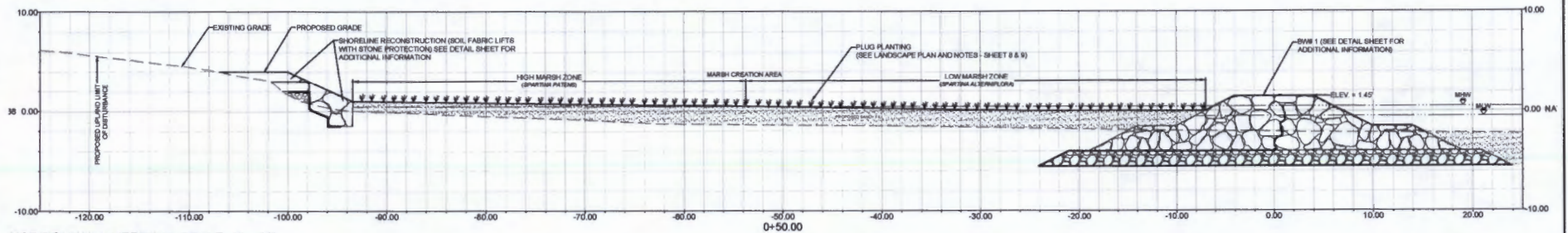
NOTE: THIS DRAWING IS FOR OUTLINE PURPOSES ONLY. DESIGN DRAWINGS ARE TO BE PROVIDED SEPARATELY.

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DEPARTMENT OF PUBLIC WORKS
THOMAS POINT PARK SHORELINE PROTECTION
DETAILS

Sheet No. 4 of 5

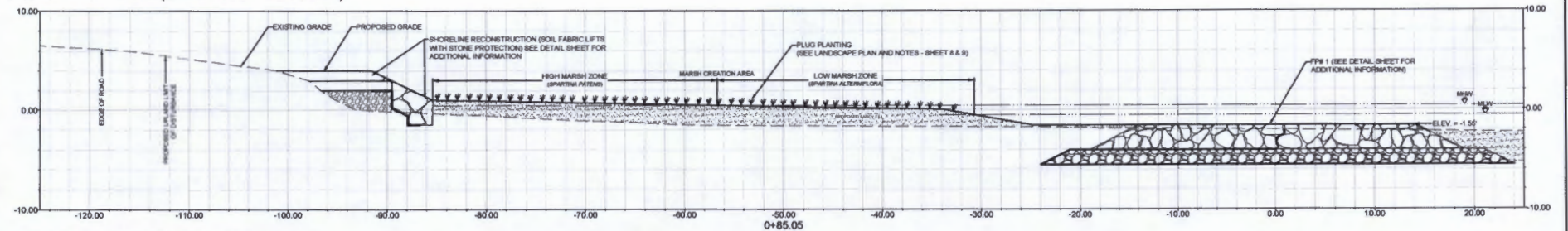
Job No. 111075.10	Scale: 1" = 40'	Date: SEPT. 2015	Drawn By: S.E.H.
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LOW-CRESTED BREAKWATER (HIGH-PROFILE AREA)



HORIZONTAL & VERTICAL SCALE: 1" = 16'

FLUSHING PORT (LOW-PROFILE AREA)



HORIZONTAL & VERTICAL SCALE: 1" = 16'

IMPACTS:

TOTAL AREA OF DISTURBANCE = 39,184 SF / 0.900 AC

UPLAND DISTURBANCE (ABOVE MHW):

- TEMPORARY UPLAND IMPACTS ASSOCIATED WITH ACCESS & E&S: 10,193 SF / 0.234 AC
- PERMANENT UPLAND IMPACTS ASSOCIATED WITH REVETMENT GRADING & STONE: 666 SF / 0.015 AC

DISTURBANCE BELOW MHW:

- REVETMENT: 1,414 SF / 0.032 AC GRADING & STONE IMPACT
- BREAKWATERS/FLUSHING PORTS: 9,972 SF / 0.229 AC
- TIDAL MARSH CREATION: 13,722 SF / 0.315 AC
- SAND EXCAVATION = ~1,317 CY
- BREAKWATER STONE TO BE INSTALLED = ~1,522 CY
- MARSH CREATION SANDY FILL = ~688 CY (TO BE OBTAINED FROM ON-SITE EXCAVATION)

REVETMENT:

- PROP. REVETMENT STONE: 86 CY / 804 SF
- PROP. FILL DIRT: 115 CY / 1,336 SF

NOTES:

1. FEMA 100-YEAR FLOODPLAIN PANEL NUMBER: 24003C026F
2. TIDAL RANGE IS 1.1 FEET
3. DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM: HORIZONTAL - NAD83/91 VERTICAL - NAVD 88
4. THIS DRAWING IS FOR OUTLINE PURPOSES ONLY. DESIGN DRAWINGS ARE TO BE PROVIDED SEPARATELY.

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THOMAS POINT PARK SHORELINE PROTECTION
TYPICAL CROSS-SECTIONS

Sheet No. 5 of 5

Job No. 111075.10

Scale: AS NOTED

Date: SEPT. 2015

Drawn By: S.E.H.