



U.S. Army Corps
of Engineers
Baltimore District

Public Notice

In Reply to Application Number
CENAB-OP- RMN (ANNE ARUNDEL COUNTY DPW /
JACK CREEK PARK / SHORE EROSION CONTROL / 2017-60310

PN 17-50

Comment Period: November 9, 2017 to December 9, 2017

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: Mr. Masoud Ghatineh
Anne Arundel County DPW
2662 Riva Road
Annapolis, Maryland 21403

WATERWAY AND LOCATION: The proposed project is located in Jack Creek/Chesapeake Bay, 1600 Snug Harbor Road in Shady Side, Anne Arundel County, Maryland.

PROPOSED WORK: To construct shoreline protection for 1,722 linear feet (LF) of shoreline to include 235 linear feet of marsh plantings; 835 LF of stone breakwater; 407 LF of segmented stone sill; approximately 53,137 square feet (SF) of sand fill and marsh plantings; to construct a canoe launch ramp with an adjacent 46 LF stone groin. The project structures will extend a maximum of 73 feet channelward from the approximate mean high water shoreline and will impact approximately 70,898 SF of tidal waters and 1,273 SF of tidal wetlands. All proposed work is shown on the enclosed plans dated June 28, 2017.

If you have any questions concerning this matter, please contact Mr. Richard Kibby 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-OPR-M], 10 S. Howard Street, Baltimore, MD 21201 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 lies in or 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 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], 10 South Howard Street, Baltimore, Maryland 21201, 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



ADC MAP COORDINATES: MAP 30 GRID J-9

MAP COPYRIGHT UNIVERSAL MAP GROUP LLC. PERMITTED USE NUMBER 20911186

SHORELINE STABILIZATION AND CANOE LAUNCH AT JACK CREEK PARK ANNE ARUNDEL COUNTY, MD

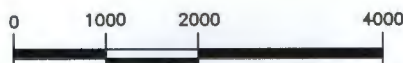
APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS MASOUD GHATINEH P.E. 2662 RIVA ROAD - 3RD FLOOR ANNAPOLIS, MD 21401

VICINITY MAP

DATE: REVISED JUNE 2017 SHEET 1 OF 11

NOTES:

1. SOUNDINGS AND CONTOURS ARE IN FEET AND REFER TO MLW.
2. TIDAL RANGE IS 0.94 FEET.
3. TOPOGRAPHIC SURVEY WAS PERFORMED BY LIGGIE SURVEYS, INC. ON 04/21/2016.
4. BATHYMETRIC SURVEY WAS PERFORMED BY BAYLAND ON 05/19/2016.
5. THESE ARE PERMIT DRAWINGS ONLY AND SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.



1 INCH = 2000 FEET

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PROPOSED MARSH
 PROPOSED SEGMENTED SILL
 PROPOSED STONE GROIN
 PROPOSED CANOE LAUNCH

SHEET 6

APPROX. SHORELINE LOCATION

EXISTING STONE REVETMENT

SHEET 7

PROPOSED PARKING & ACCESS ROAD

SHEET 5

PROPOSED BREAKWATERS

PROPOSED MARSH

CHESAPEAKE BAY
 FLOOD
 EBB

SHEET 4

EXISTING MARSH

PROPOSED MARSH EDGING

SHEET 3

**SHORELINE STABILIZATION
 AND CANOE LAUNCH
 AT
 JACK CREEK PARK
 ANNE ARUNDEL COUNTY, MD**

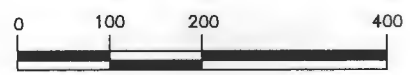
APPL. BY: ANNE ARUNDEL COUNTY
 DEPARTMENT OF PUBLIC WORKS
 MASOUD GHATINEH P.E.
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KEY SHEET

DATE: REVISED JUNE 2017 SHEET 2 OF 11

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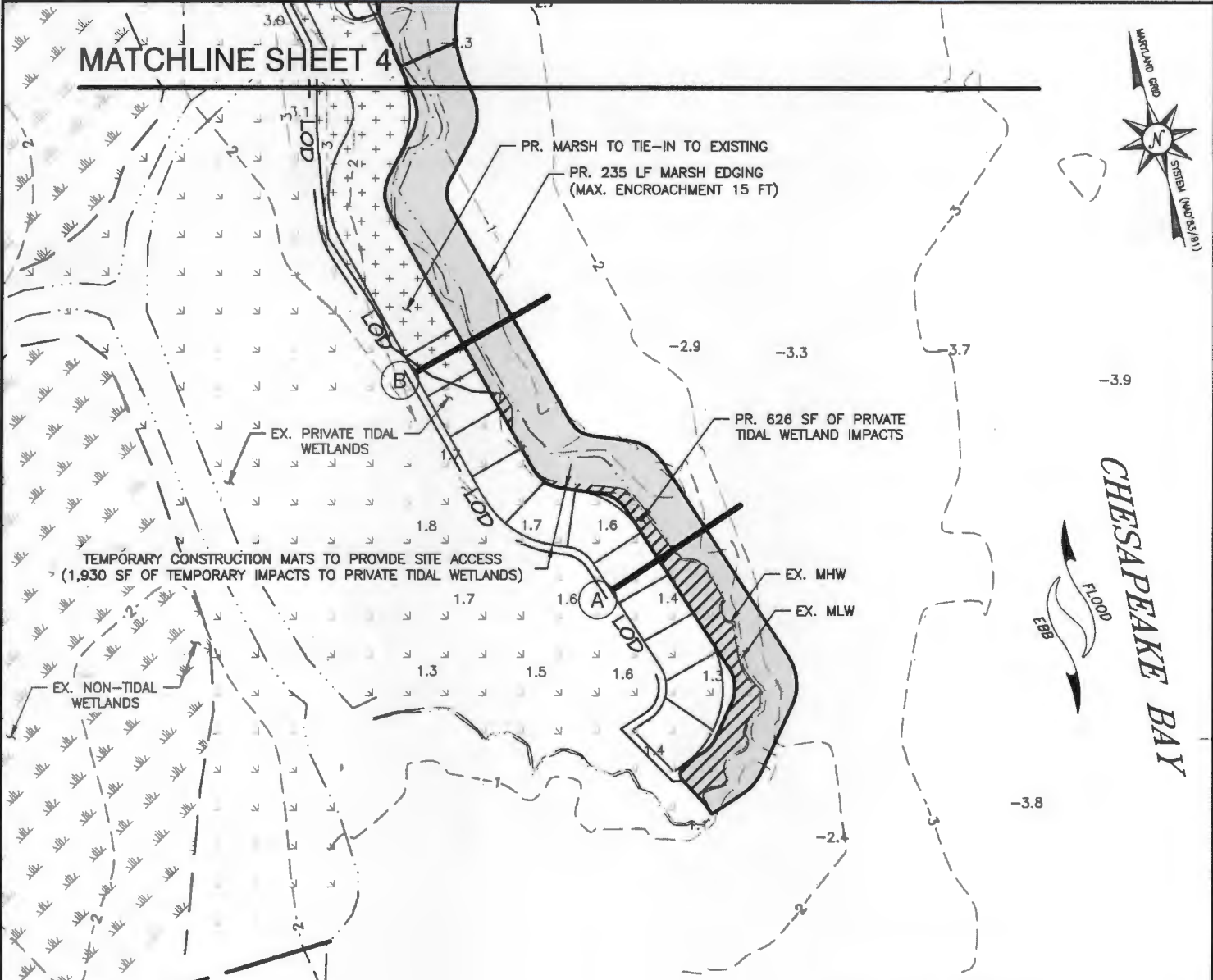


1 INCH = 200 FEET

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MATCHLINE SHEET 4



HATCH LEGEND

	EX. NON-TIDAL WETLANDS
	EX. TIDAL WETLANDS
	AREA OF IMPACT TO TIDAL WETLANDS
	PR. MARSH PLANTINGS

NOTES:

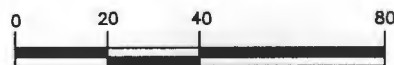
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**SHORELINE STABILIZATION
AND CANOE LAUNCH
AT
JACK CREEK PARK
ANNE ARUNDEL COUNTY, MD**

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
MASOUD GHATINEH P.E.
2662 RIVA ROAD - 3RD FLOOR
ANNAPOLIS, MD 21401

SITE PLAN

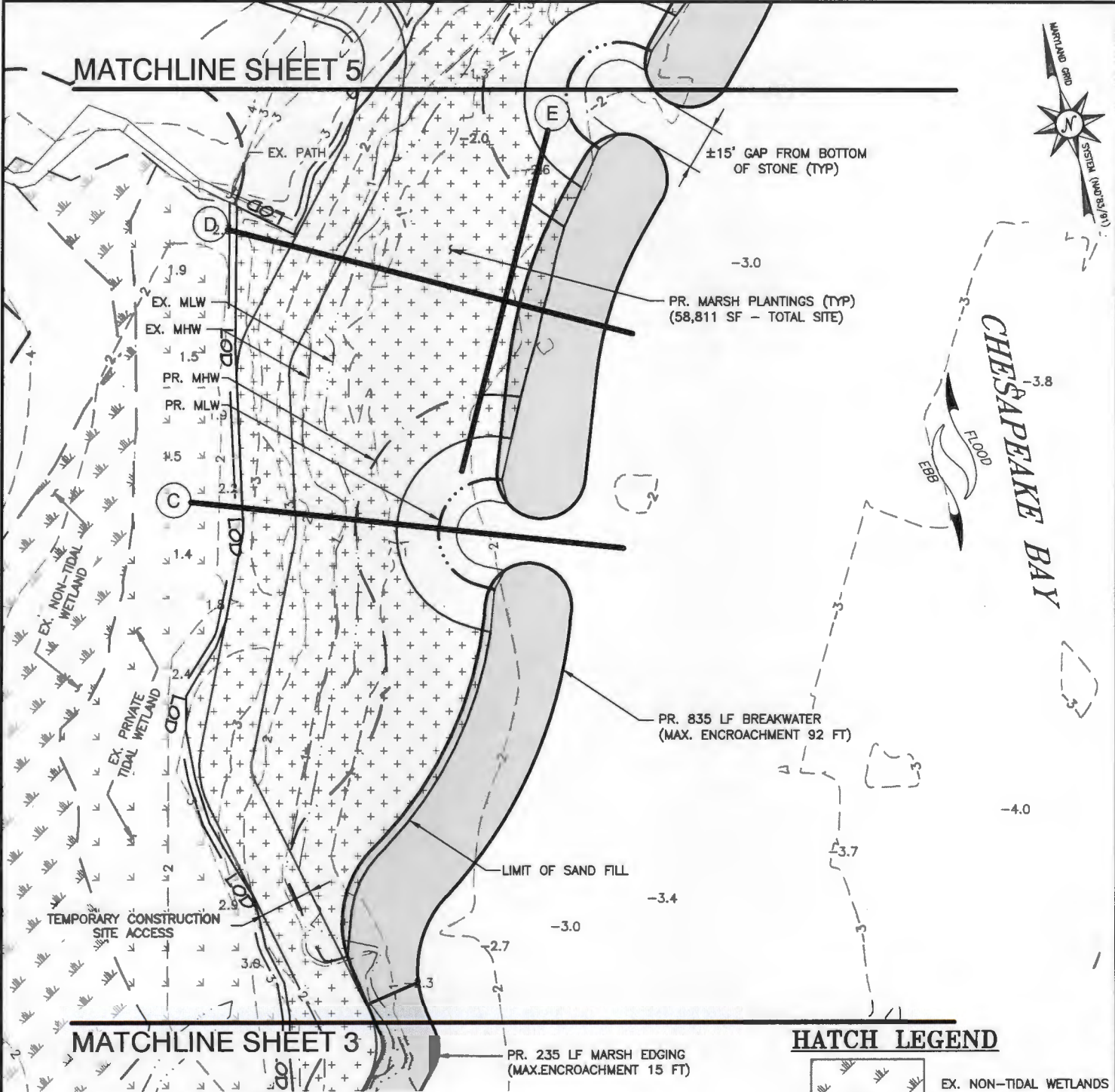
DATE: REVISED JUNE 2017 SHEET 3 OF 11



1 INCH = 40 FEET

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MATCHLINE SHEET 5



MATCHLINE SHEET 3

SHORELINE STABILIZATION AND CANOE LAUNCH AT JACK CREEK PARK ANNE ARUNDEL COUNTY, MD

HATCH LEGEND

APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS MASOUD GHATINEH P.E. 2662 RIVA ROAD - 3RD FLOOR ANNAPOLIS, MD 21401

	EX. NON-TIDAL WETLANDS
	EX. TIDAL WETLANDS
	PR. MARSH PLANTINGS

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SITE PLAN

DATE: REVISED JUNE 2017 SHEET 4 OF 11

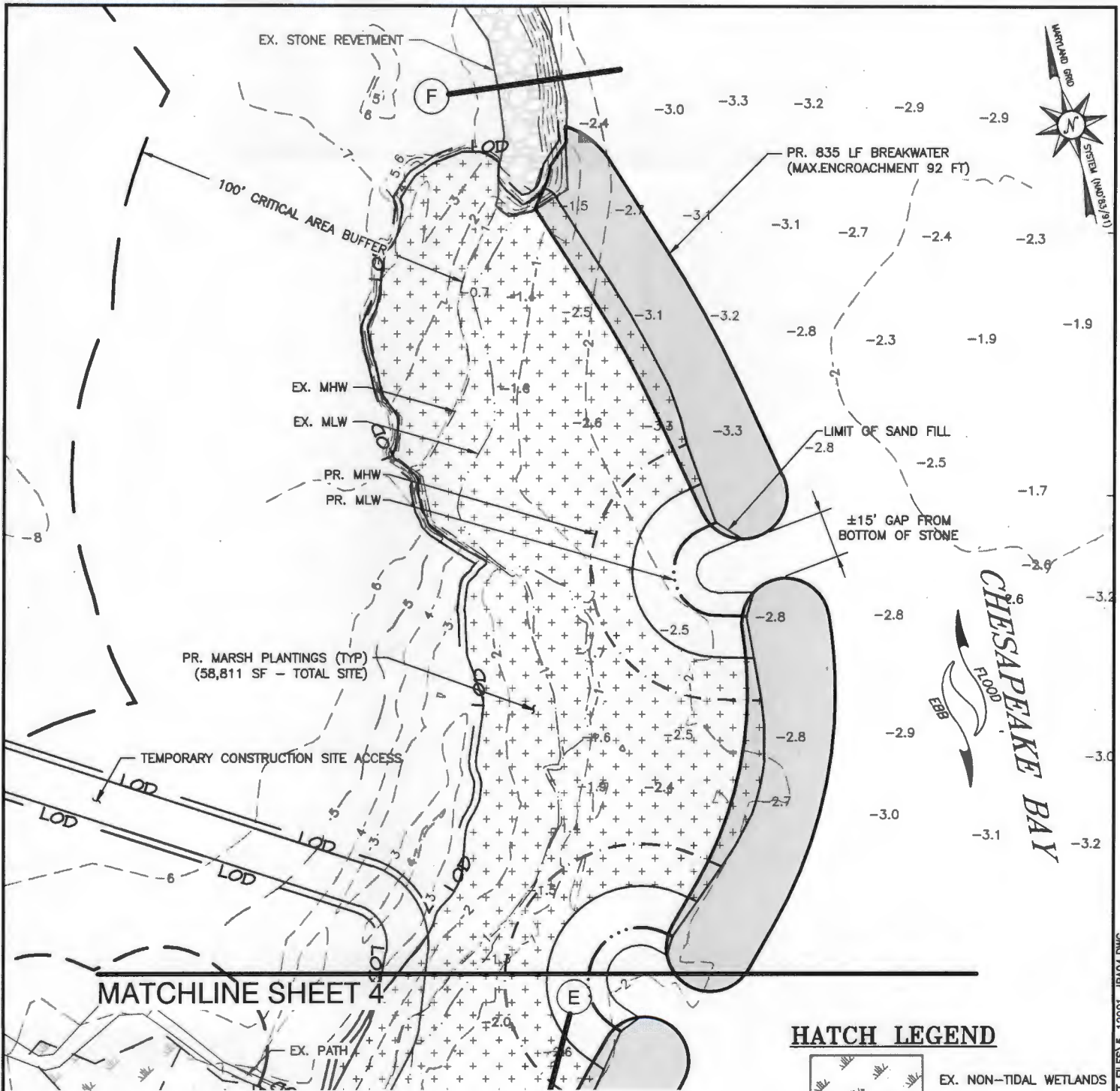


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MATCHLINE SHEET 4

**SHORELINE STABILIZATION
AND CANOE LAUNCH
AT
JACK CREEK PARK
ANNE ARUNDEL COUNTY, MD**

HATCH LEGEND

	EX. NON-TIDAL WETLANDS
	EX. TIDAL WETLANDS
	PR. MARSH PLANTINGS

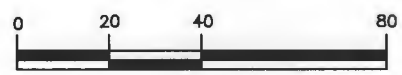
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SITE PLAN

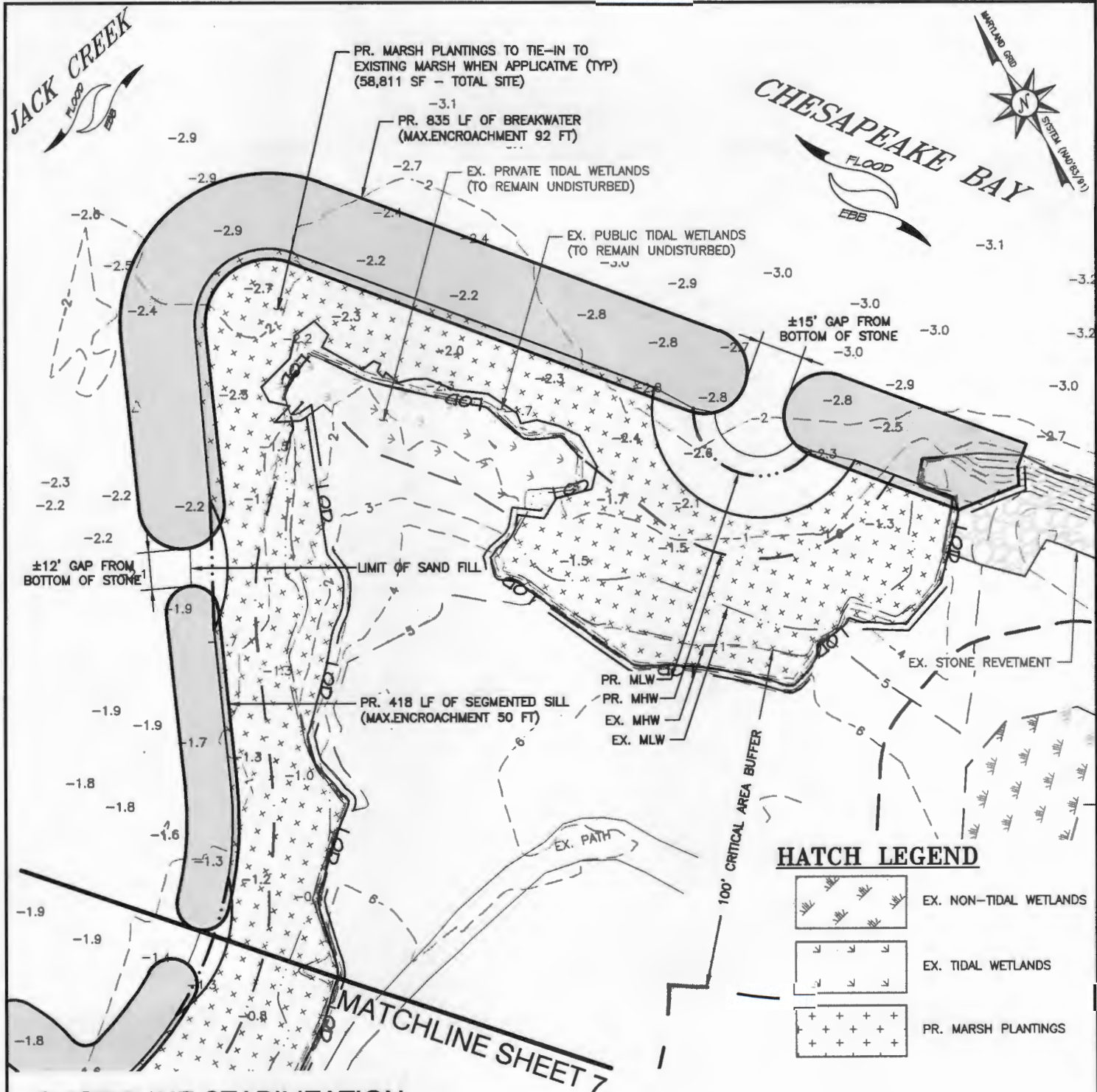
DATE: REVISED JUNE 2017 SHEET 5 OF 11



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HATCH LEGEND

	EX. NON-TIDAL WETLANDS
	EX. TIDAL WETLANDS
	PR. MARSH PLANTINGS

**SHORELINE STABILIZATION
AND CANOE LAUNCH
AT
JACK CREEK PARK
ANNE ARUNDEL COUNTY, MD**

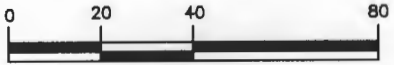
APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
MASOUD GHATINEH P.E.
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ANNAPOLIS, MD 21401

SITE PLAN

DATE: REVISED JUNE 2017 SHEET 6 OF 11

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MATCHLINE SHEET 6



PR. 38 LF STONE GROIN
(TOP EL. +2.6' MLW;
MAX. ENCROACHMENT 73 FT)

PR. 20' WIDE CANOE LAUNCH
(1,137 SF)

PR. 418 LF SEGMENTED SILL
(MAX. ENCROACHMENT 50 FT)

±12' GAP FROM
BOTTOM OF STONE

PR. MARSH PLANTINGS (TYP)
(58,811 SF - TOTAL SITE)

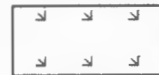
PR. 8' WIDE
PATH

PR. PARKING AREA

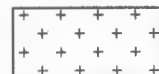
HATCH LEGEND



EX. NON-TIDAL WETLANDS



EX. TIDAL WETLANDS



PR. MARSH PLANTINGS

**SHORELINE STABILIZATION
AND CANOE LAUNCH
AT
JACK CREEK PARK
ANNE ARUNDEL COUNTY, MD**

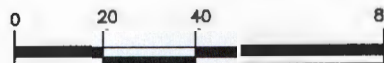
APPL. BY: ANNE ARUNDEL COUNTY
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SITE PLAN

DATE: REVISED JUNE 2017 SHEET 7 OF 11

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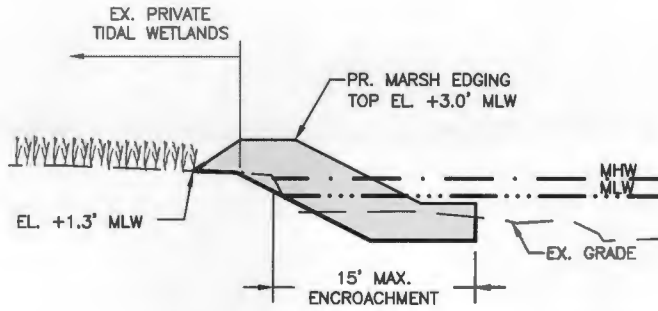


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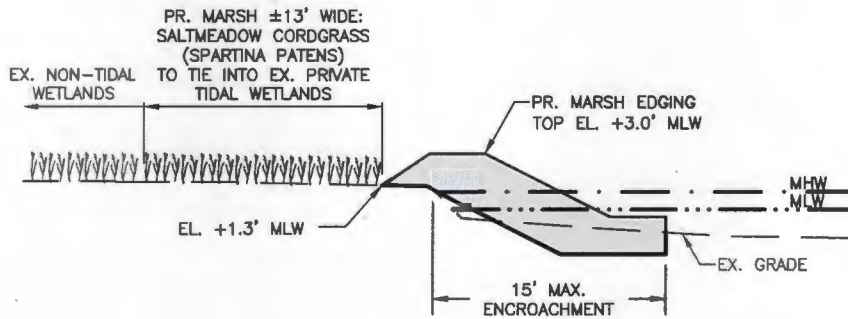
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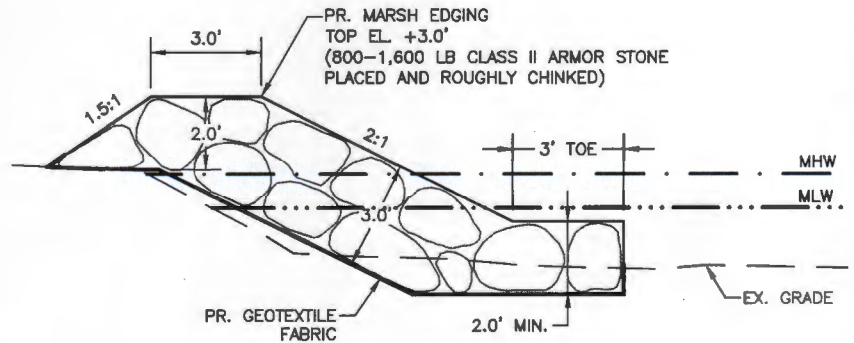
SECTION "A" : MARSH EDGING

SCALE: 1" = 10'



SECTION "B" : MARSH EDGING

SCALE: 1" = 10'



TYPICAL MARSH EDGING

SCALE: 1" = 5'

**SHORELINE STABILIZATION
AND CANOE LAUNCH
AT
JACK CREEK PARK
ANNE ARUNDEL COUNTY, MD**

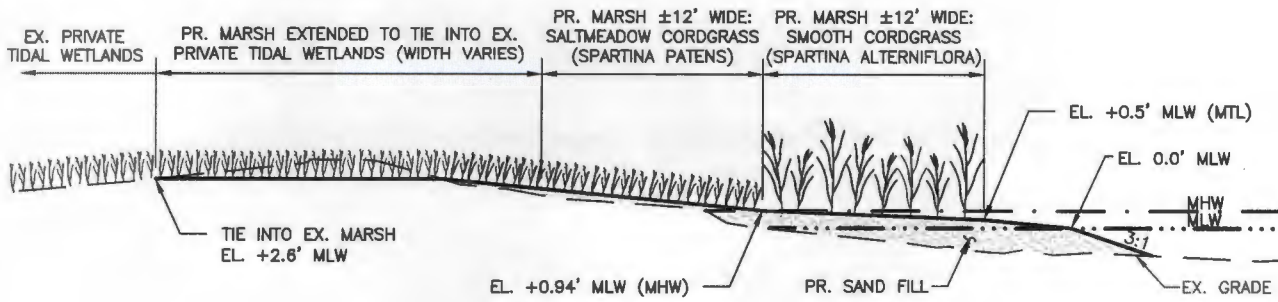
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DETAILS

DATE: REVISED JUNE 2017 SHEET 8 OF 11

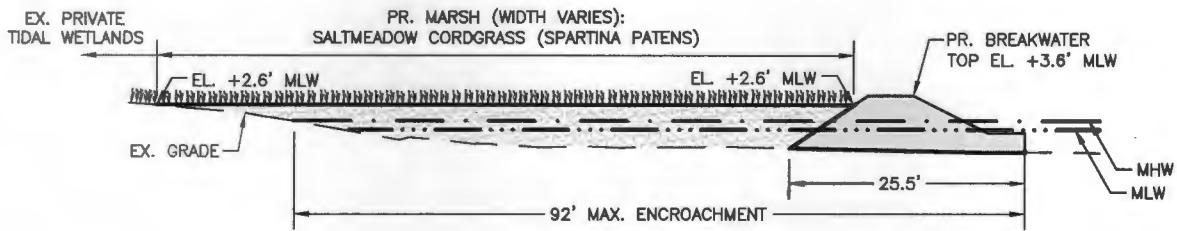
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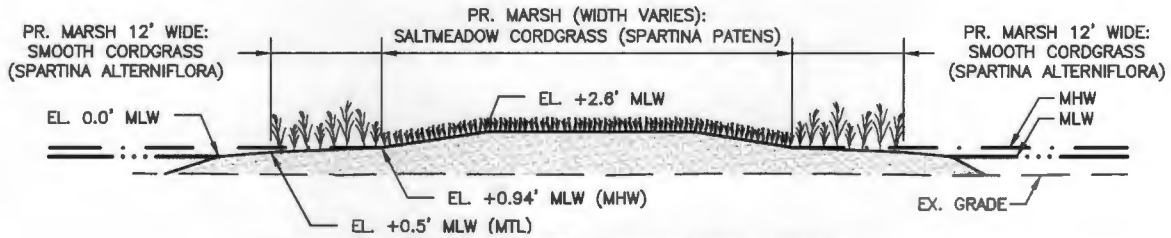
SECTION "C": VENT

SCALE: 1" = 10'



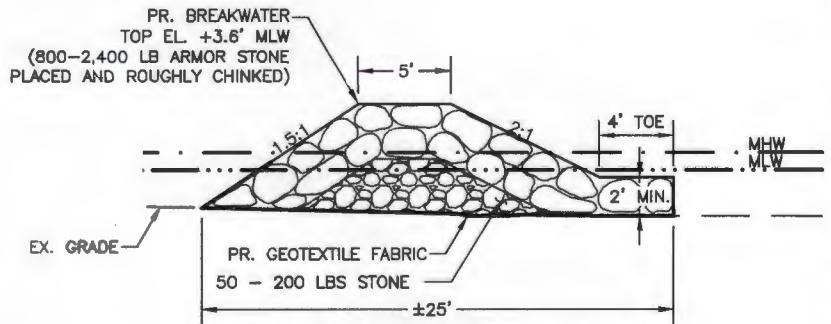
SECTION "D": BREAKWATER

SCALE: 1" = 20'



SECTION "E": BREAKWATER

SCALE: 1" = 20'



TYPICAL BREAKWATER

SCALE: 1" = 10'

SHORELINE STABILIZATION AND CANOE LAUNCH AT JACK CREEK PARK ANNE ARUNDEL COUNTY, MD

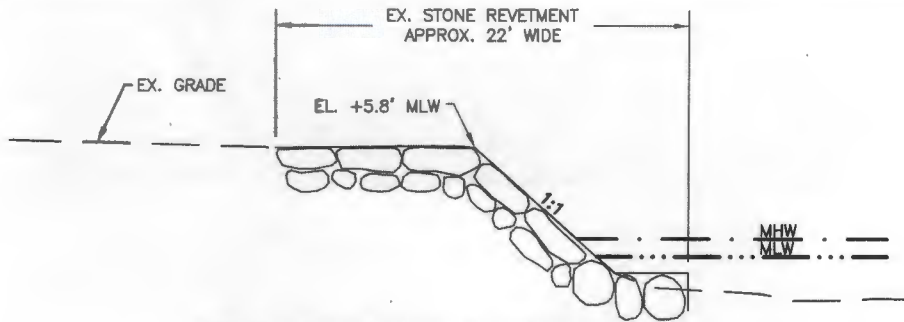
APPL. BY: ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS MASOUD GHATINEH P.E. 2662 RIVA ROAD - 3RD FLOOR ANNAPOLIS, MD 21401

DETAILS

DATE: REVISED JUNE 2017 SHEET 9 OF 11

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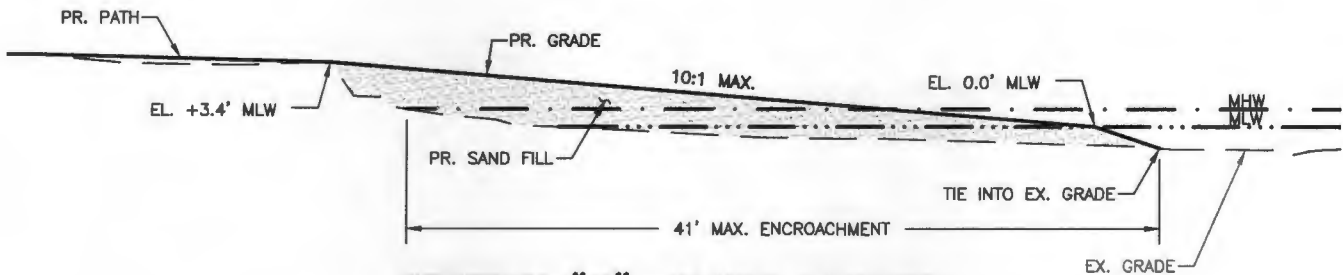
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NOTE: EX. REVETMENT DESIGN SPECIFICATIONS UNKNOWN.

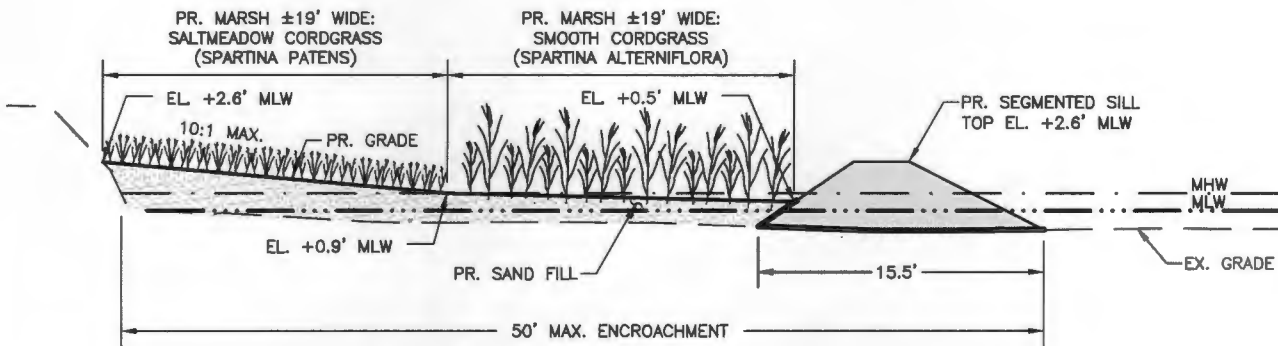
SECTION "F": EX. REVETMENT

SCALE: 1" = 10'



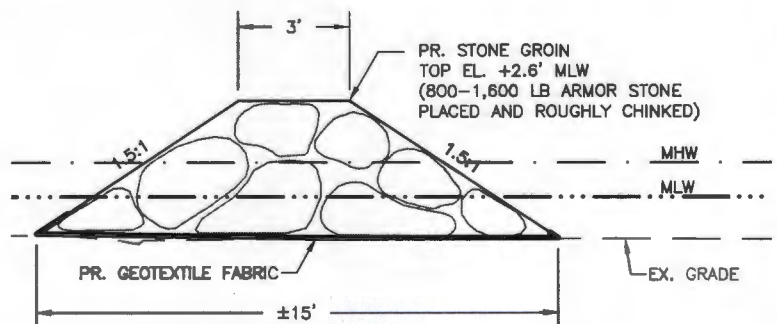
SECTION "G": CANOE LAUNCH

SCALE: 1" = 10'



SECTION "H": SEGMENTED SILL

SCALE: 1" = 10'



TYPICAL SEGMENTED SILL

SCALE: 1" = 5'

**SHORELINE STABILIZATION
AND CANOE LAUNCH**

AT
JACK CREEK PARK
ANNE ARUNDEL COUNTY, MD

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
MASOUD GHATINEH P.E.
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DATE: REVISED JUNE 2017 SHEET 10 OF 11

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PROJECT SUMMARY

PROPOSED STRUCTURES:

MARSH EDGING - 235 LF; MAX. ENCROACHMENT 15 LF
BREAKWATER - 835 LF; MAX. ENCROACHMENT 92 LF
GROIN - 38 LF; MAX. ENCROACHMENT 73 LF
SEGMENTED SILL - 418 LF; MAX. ENCROACHMENT 50 LF

MARSH PLANTINGS: 58,811 SF
SAND FILL: 4,234 CY

IMPACT SUMMARY

TOTAL AREA OF IMPACT FROM MHW INTO TIDAL WATERS: 75,820 SF (1.74 ACRES)
TOTAL AREA OF IMPACT TO PRIVATE TIDAL WETLANDS: 626 SF (PERMANENT); 1,930 SF (TEMPORARY)

NOTES

1. BASEMAP COMPILED FROM ANNE ARUNDEL COUNTY 2015 PLANIMETRICS AND 2016 IMAGERY.
2. SOUNDINGS AND CONTOURS ARE IN FEET AND REFER TO MLW.
3. TIDAL RANGE 0.94 FEET.
4. TOPOGRAPHIC SURVEY WAS PERFORMED BY LIGGIE SURVEYS, INC. ON 04/21/2016.
5. BATHYMETRIC SURVEY WAS PERFORMED BY BAYLAND ON 05/19/2016.
6. THESE ARE PERMIT DRAWINGS ONLY AND SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.

SHORELINE STABILIZATION AND CANOE LAUNCH

AT
JACK CREEK PARK
ANNE ARUNDEL COUNTY, MD

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
MASOUD GHATINEH P.E.
2662 RIVA ROAD - 3RD FLOOR
ANNAPOLIS, MD 21401

NOTES

DATE: REVISED JUNE 2017 SHEET 11 OF 11



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