



U.S. Army Corps
of Engineers
Baltimore District

Public Notice

In Reply to Application Number
NAB- 2019-61045 (The Jefferson Island Club, Inc/ Living
Shoreline)

PN 19-51

Comment Period: August 8, 2019 to September 7, 2019

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

The Baltimore 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 Section 404 of the Clean Water Act (33 U.S.C. 1344)**, as described below:

APPLICANT: The Jefferson Island Club
c/o Mr. William Baugh
1064 Rusting Oaks Drive
Millersville, Maryland 21108

WATERWAY AND LOCATION: All work is proposed in the Potomac River at St. Catherine's Island at Avenue, St. Mary's County, Maryland.

PROPOSED WORK AND PURPOSE: The applicant proposes protect the eroding shoreline by constructing a 20-foot wide by 47-foot long stone spur to extend no more than 49 feet channelward of the approximate mean high water (MHW) shoreline; to construct a 19-foot wide by 167-foot long revetment to extend more than 26 feet channelward of the approximate MHW shoreline; to construct a 23-foot wide by 167-foot long segmented breakwater to extend approximately 133 feet channelward of the approximate MHW shoreline; to construct a 27-foot wide by 157-foot long stone breakwater to extend approximately 145 feet channelward of the approximate MHW shoreline; to deposit approximately 4,752 cubic yards of clean sand fill along 83 feet of shoreline to plant with *Spartina patens* and *S. alterniflora* creating approximately 51,320 square feet (1.2 acres) of new tidal marsh to extend no more than 109 feet channelward of the approximate MHW shoreline; to construct an 18-foot wide by 282-foot long living breakwater to extend no more than 113-feet channelward of the approximate MHW shoreline. All work is proposed in accordance with the attached plans. If you have any questions concerning this matter, please contact Mrs. Erica Schmidt at (410) 962-6029 or Erica.Schmidt@usace.army.mil.

The purpose and need for the proposed project is shoreline erosion control. The project proposes to stabilize the shoreline at the project site.

As part of the planning process for the proposed project, steps were taken to ensure avoidance and minimization of impacts to aquatic resources to the maximum extent practicable based on the existing site conditions. Multiple types of shoreline stabilization methods are proposed minimize total impacts to the aquatic environment. No compensatory mitigation is proposed since there are no proposed impacts to tidal wetlands.

The decision whether to issue a permit will be based on an evaluation of the probable impact 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 reasonably 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, economics, 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, 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 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: Mrs. Erica Schmidt, CENAB-OPR-M], 2 Hopkins Plaza, Baltimore, Maryland 21201 or Erica.Schmidt@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 affect Essential Fish Habitat (EFH). The project site lies in or adjacent to the Potomac River complex for EFH as described under the MSFCMA for juvenile of *Scophthalmus aquosus* (windowpane Flounder); juvenile and adult of *Pomatomus saltatrix* (blue fish), *Paralichthys dentatus* (summer flounder) *Clupea harengus* (Atlantic Herring), *Raja eglanteria* (clearnose skate); for adult *Leucoraja erinacea* (little skate); and the eggs, larvae, juvenile, and adult stages of *Urophycis chuss* (Red Hake), 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. No mitigative measures are recommended to minimize adverse effects on EFH at this time. This determination may be modified if additional information indicates otherwise and would change the preliminary determination. The project area is not a Habitat Area of Particular Concern (HAPC).

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 Blvd., Suite 430, Baltimore, Maryland 21230 within the comment period as specified above to receive consideration. The 401 certifying agency has a statutory limit of one year to make its decision.

COASTAL ZONE MANAGEMENT PROGRAM: 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 Program. This certification statement is available for inspection in the District Office; however, public comments relating to consistency must be received by the Tidal Wetlands Division, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Blvd. Suite 430, Baltimore, Maryland 21230, within the comment period as specified above. It should be noted that the MDE has a statutory limit of 6 months in which to make its consistency determination.

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

ENDANGERED SPECIES ACT: A preliminary review of this application indicates that the proposed work will have no effect on Federal listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended because the water depths are less than 3-feet mean low water and do not support species. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

NATIONAL HISTORIC PRESERVATION ACT: 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 requested permit.

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 of the Clean Water Act. Any person who has an interest, which may be adversely affected by the issuance of this permit, may request a public hearing. The District Engineer must receive the request, which must be in writing, to the U.S. Army Corps of Engineers, Baltimore District, 2 Hopkins Plaza, Baltimore, Maryland 21201, within the comment period as specified as above to receive consideration. Also, it must clearly state the interest that may be adversely affected by this activity and the manner in which the interest may be adversely affected.

It is requested that you communicate the foregoing information concerning the proposed work to any persons known by you to be interested and not being known to this office, who did not receive a copy of this notice. If you have any questions concerning this matter, please contact Mrs. Erica Schmidt at (410) 962-6029 or Erica.Schmidt@usace.army.mil.

This public notice is issued by the Chief, Regulatory Branch.



ST MARY'S COUNTY ADC MAP COORDINATES:
MAP 20 GRID B-10/11, C-10/11

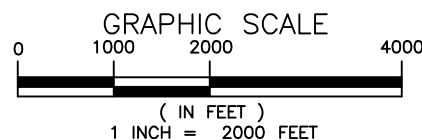
MAP COPYRIGHT ADC THE MAP PEOPLE
(800) 829-6277
PERMITTED USE NUMBER 10222014

ST. CATHERINE ISLAND COASTAL RESILIENCY PROJECT ST. MARY'S COUNTY, MARYLAND

APPL. BY: THE JEFFERSON ISLANDS CLUB, INC.

VICINITY MAP

DATE: March 2019 SHEET 1 OF 9



Bay Area
Consultants & Designers, Inc.
"Integrating Engineering and Environment"
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405
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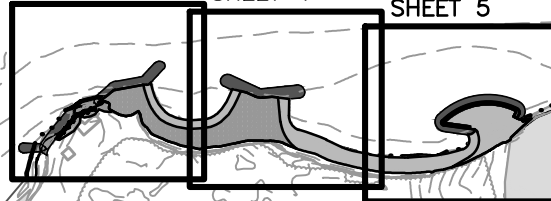


SAINT CATHERINE SOUND

SHEET 3

SHEET 4

SHEET 5



POTOMAC RIVER

JEFFERSON ISLAND CLUB
WATERFRONT
T.M. 46 P. 308
DEED: 18/401
PLAT: N/A
50 ACRES

ST. CATHERINE ISLAND
COASTAL RESILIENCY PROJECT
ST. MARY'S COUNTY, MARYLAND

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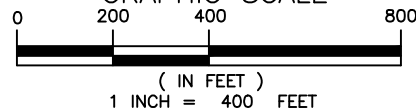
KEY SHEET

DATE: March 2019 SHEET 2 OF 9

NOTES:

1. CONTOURS ARE IN FEET AND REFER TO MLW.
2. TIDAL RANGE IS 1.64 FEET.
3. TOPOGRAPHIC SURVEY WAS PERFORMED BY BAYLAND ON 7/2/2018.
4. THESE ARE PERMIT DRAWINGS ONLY AND ARE SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.

GRAPHIC SCALE

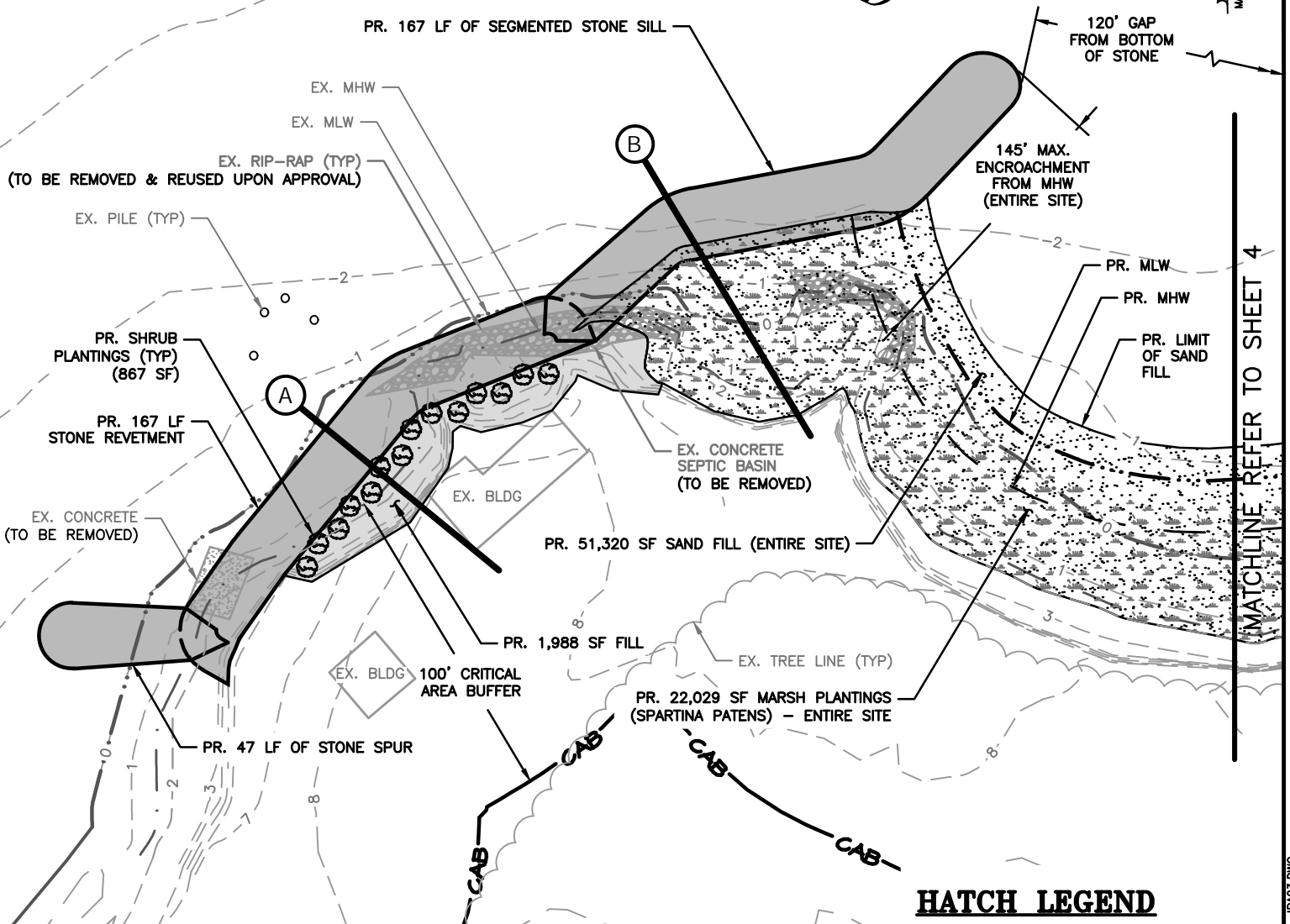


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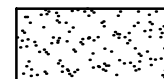
ST. CATHERINE SOUND



HATCH LEGEND



EX. PRIVATE WETLANDS



PR. SAND FILL



PR. MARSH PLANTINGS

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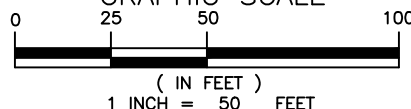
SITE PLAN

DATE: March 2019 SHEET 3 OF 9

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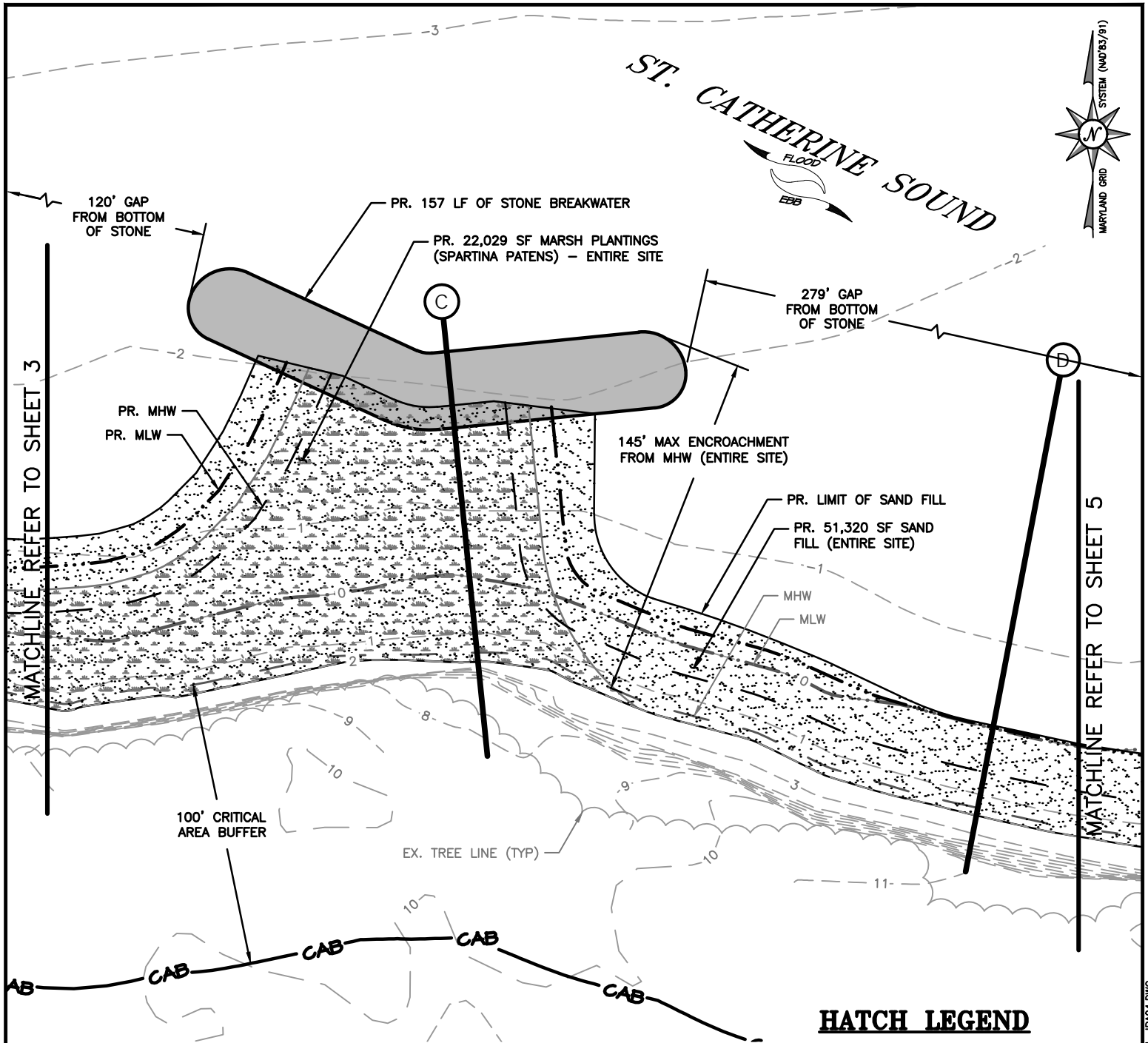
GRAPHIC SCALE



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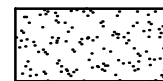
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HATCH LEGEND



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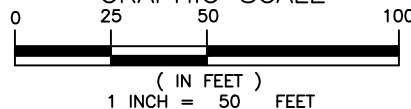
SITE PLAN

DATE: March 2019 SHEET 4 OF 9

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GRAPHIC SCALE



Consultants & Designers, Inc.

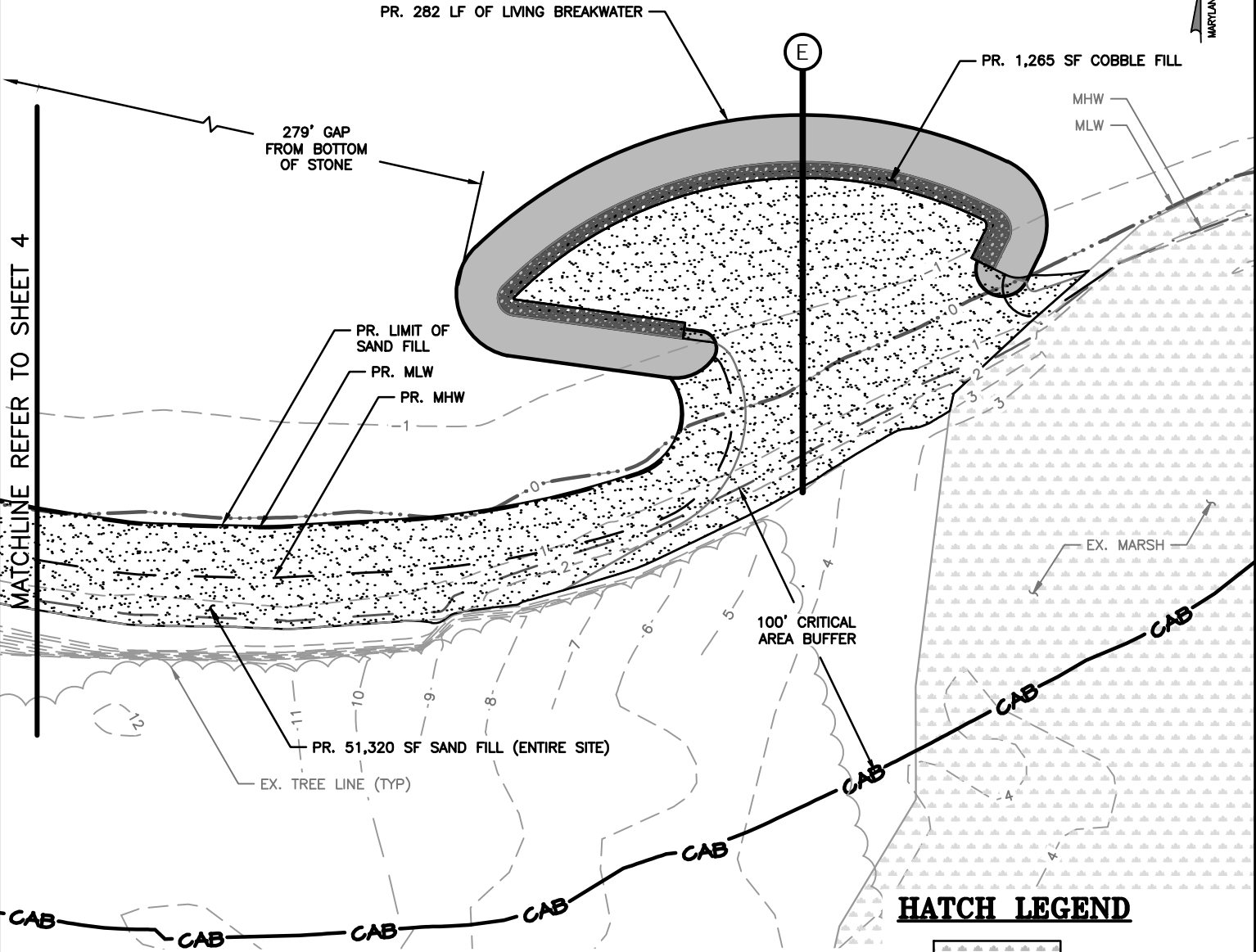
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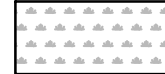
ST. CATHERINE SOUND



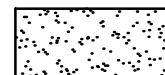
MATCHLINE REFER TO SHEET 4



HATCH LEGEND



EX. PRIVATE WETLANDS



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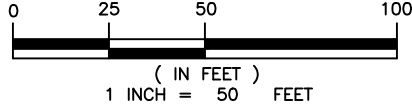
SITE PLAN

DATE: March 2019 SHEET 5 OF 9

NOTES:

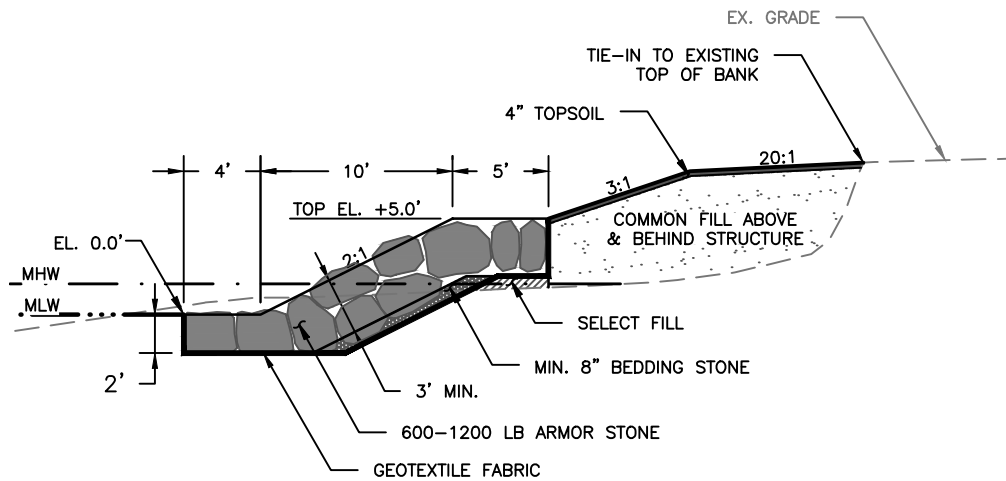
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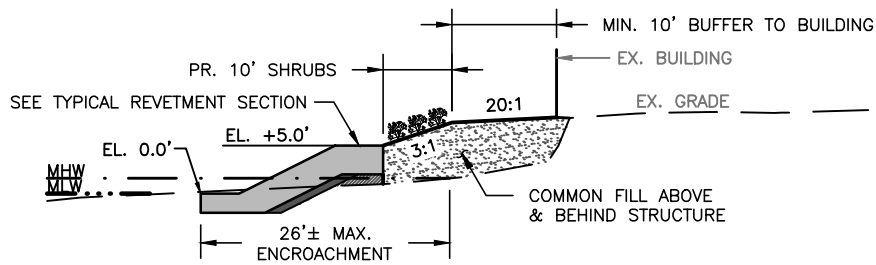
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TYPICAL REVETMENT SECTION

SCALE: 1" = 10'



STONE REVETMENT SECTION "A"

SCALE: 1" = 20'

ST. CATHERINE ISLAND
COASTAL RESILIENCY PROJECT
ST. MARY'S COUNTY, MARYLAND

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SITE DETAILS

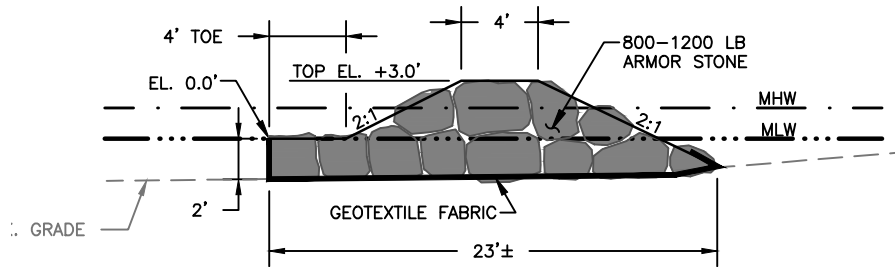
DATE: March 2019 SHEET 6 OF 9



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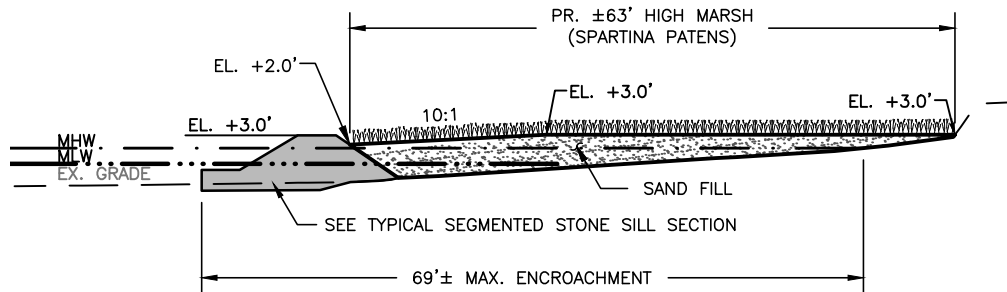
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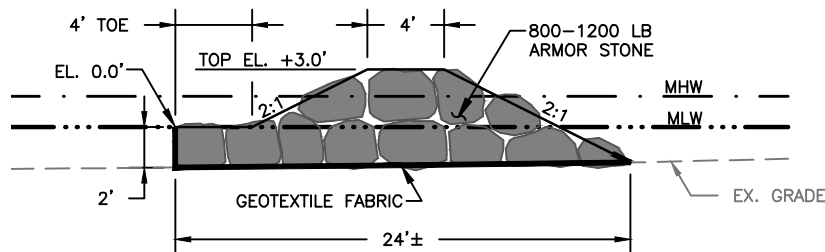
TYPICAL SEGMENTED STONE SILL SECTION

SCALE: 1" = 10'



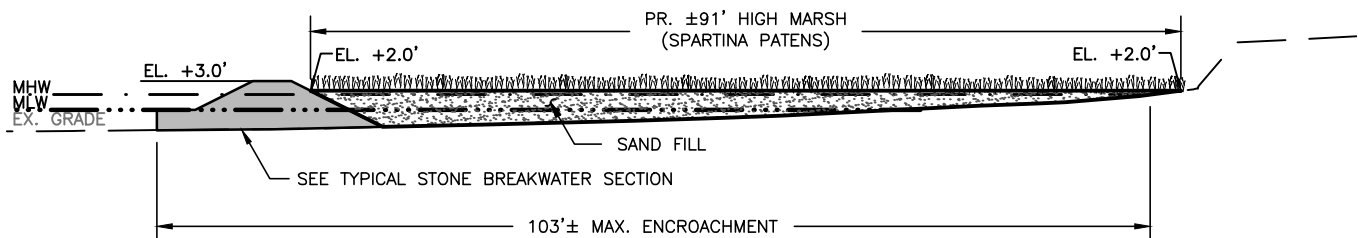
SEGMENTED STONE SILL SECTION "B"

SCALE: 1" = 20'



TYPICAL STONE BREAKWATER SECTION

SCALE: 1" = 10'



STONE BREAKWATER SECTION "C"

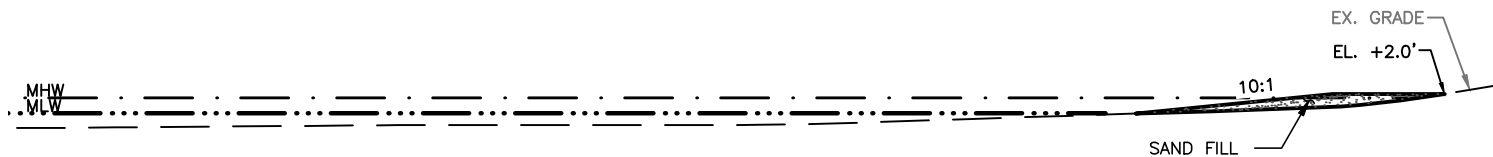
SCALE: 1" = 20'

ST. CATHERINE ISLAND
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ST. MARY'S COUNTY, MARYLAND

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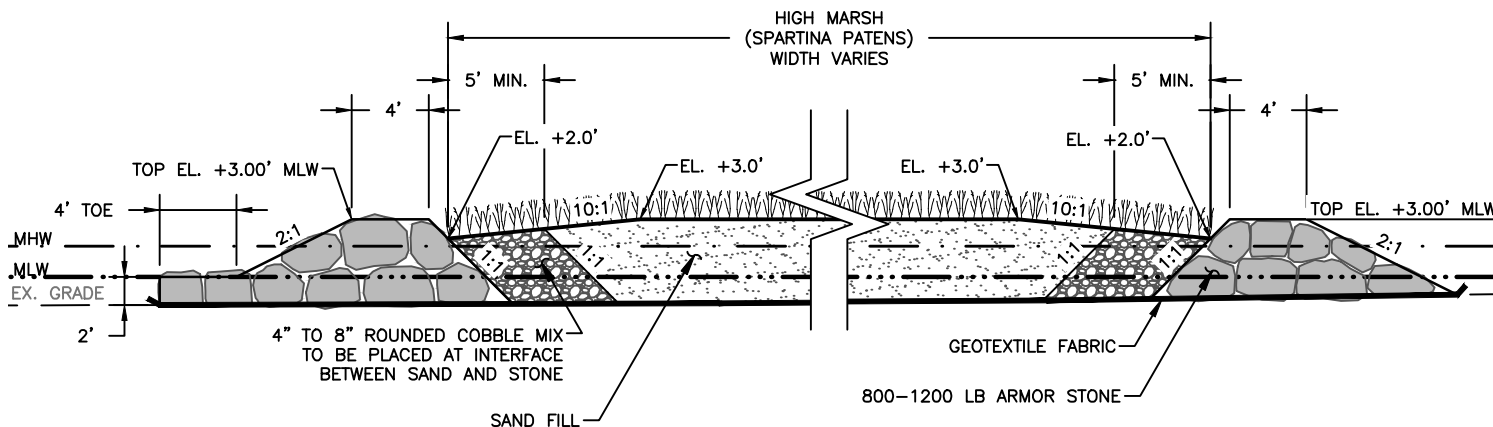
SITE DETAILS

DATE: March 2019 SHEET 7 OF 9



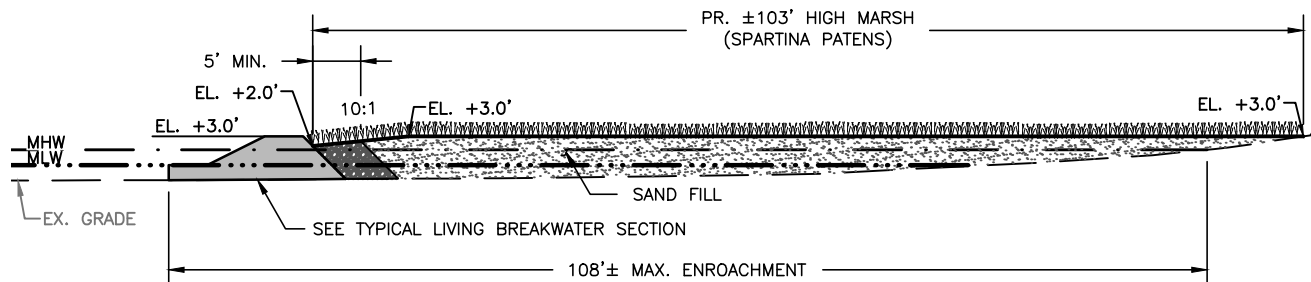
BEACH HABITAT SECTION "D"

SCALE: 1" = 20'



TYPICAL LIVING BREAKWATER SECTION

SCALE: 1" = 10'



LIVING BREAKWATER SECTION "E"

SCALE: 1" = 20'

ST. CATHERINE ISLAND
COASTAL RESILIENCY PROJECT
ST. MARY'S COUNTY, MARYLAND

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SITE DETAILS

DATE: March 2019 SHEET 8 OF 9

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PROJECT SUMMARY

PROPOSED STRUCTURES:

STONE SPUR -

TOTAL LENGTH - 47 LF
AVERAGE WIDTH - 20 FT
MAX. CHANNELWARD ENCROACHMENT - 49 FT

STONE REVETMENT -

TOTAL LENGTH - 167 LF
AVERAGE WIDTH - 19 FT
MAX. CHANNELWARD ENCROACHMENT - 26 FT

SEGMENTED STONE SILL -

TOTAL LENGTH - 167 LF
AVERAGE WIDTH - 23 FT
MAX. CHANNELWARD ENCROACHMENT - 133 FT

STONE BREAKWATER -

TOTAL LENGTH - 157 LF
AVERAGE WIDTH - 27 FT
MAX. CHANNELWARD ENCROACHMENT - 145 FT

LIVING BREAKWATER

TOTAL LENGTH - 282 LF
AVERAGE WIDTH - 18 FT
MAX. CHANNELWARD ENCROACHMENT - 113 FT

SAND FILL - 4,752 CY (51,320 SF)

TOTAL LENGTH - 830 FT
AVERAGE WIDTH - 62 FT
MAX. CHANNELWARD ENCROACHMENT - 109 FT

COBBLE FILL - 1,265 SF

COMMON FILL - 433 CY

MARSH PLANTINGS - 22,029 SF

SHRUB PLANTINGS - 867 SF

IMPACT SUMMARY

TOTAL PROPOSED IMPACT = 67,642 SF (1.55 ACRES)

TOTAL AREA OF IMPACT FROM MHW INTO TIDAL WATERS: 62,902 SF (1.44 ACRES)

TOTAL AREA OF IMPACT TO PRIVATE TIDAL WETLANDS: 0 SF

NOTES

1. BASEMAP COMPILED FROM SAINT MARY'S COUNTY 2018 PLANIMETRICS AND 2014 IMAGERY.
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ST. CATHERINE ISLAND COASTAL RESILIENCY PROJECT ST. MARY'S COUNTY, MARYLAND

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SITE NOTES

DATE: March 2019 SHEET 9 OF 9



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