



U.S. Army Corps
of Engineers
Baltimore District

Public Notice

In Reply to Application Number
CENAB-OPR-MN (ANNE ARUNDEL COUNTY DPW /
FORT SMALLWOOD PARK / SHORE EROSION CONTROL)
2017-61611

PN 18-03

Comment Period: January 24, 2018 to February 24, 2018

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. Robert Fernandez
Anne Arundel County DPW
2662 Riva Road
Annapolis, Maryland 21403

WATERWAY AND LOCATION: The proposed project is located in the Patapsco River at 9500 Fort Smallwood Road, Pasadena, Anne Arundel County, Maryland.

PROPOSED WORK: To construct shoreline protection for 4,645 linear feet (LF) of shoreline to include 653 LF of segmented stone breakwater; 1,639 LF of stone revetment; three 20'x 24' fishing boardwalks; deposit and grade approximately 17,600 cubic yards of sand fill; install approximately 87,569 square feet (SF) of marsh plantings and 52,202 SF of upland plantings. The project structures will extend a maximum of 158 feet channelward from the approximate mean high water shoreline and will impact approximately 141,600 SF of tidal waters and 1,100 SF of tidal wetlands. All proposed work is shown on the enclosed plans dated November 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], 2 Hopkins Plaza, 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.

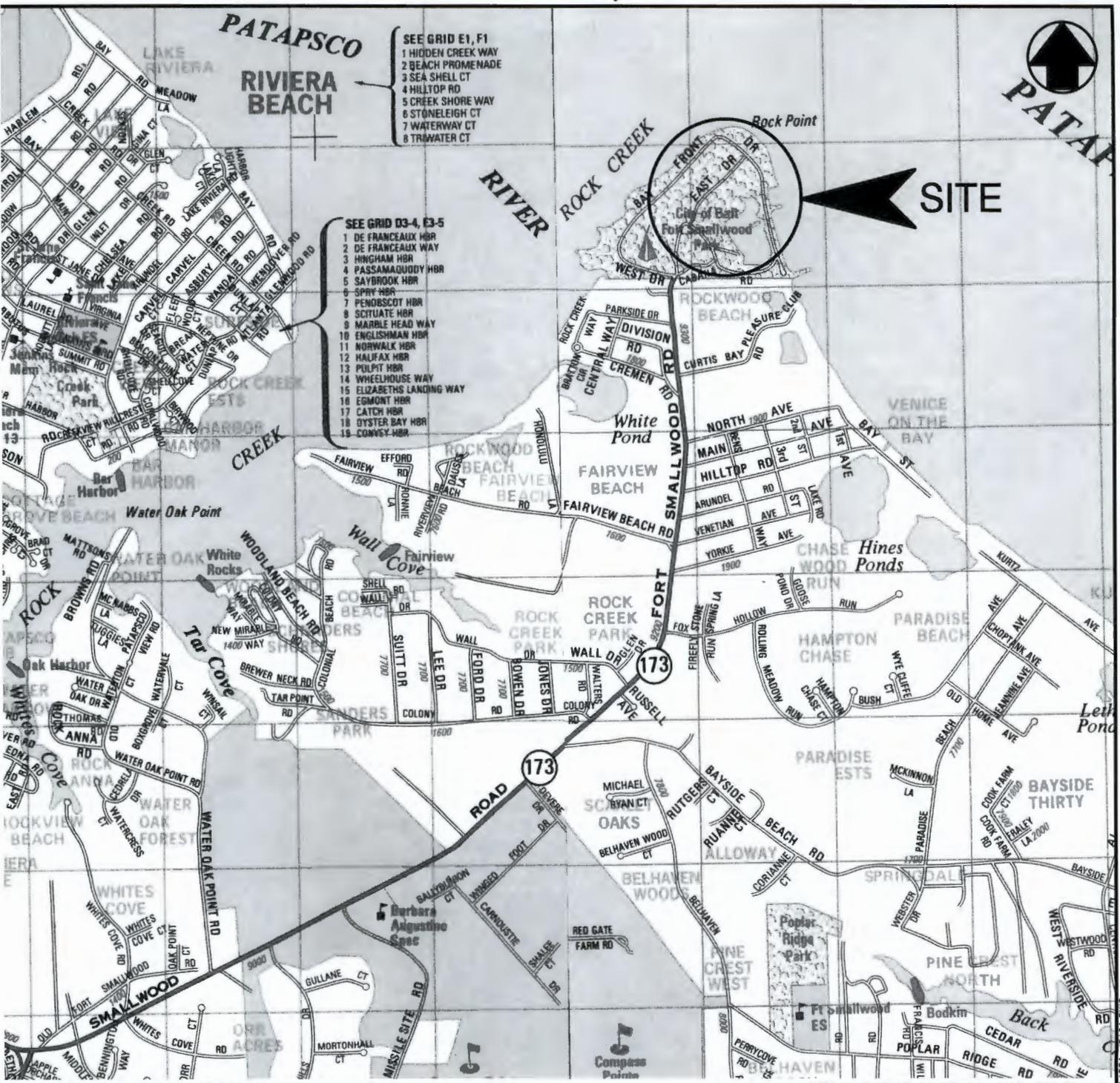
Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [Attn: Mr. Richard Kibby, CENAB-OP-RMN], 2 Hopkins Plaza, 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

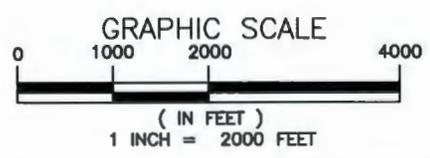


**SHORELINE STABILIZATION
 AT
 FORT SMALLWOOD PARK
 ANNE ARUNDEL COUNTY, MD**

APPL. BY: ANNE ARUNDEL COUNTY
 DEPARTMENT OF PUBLIC WORKS
 RICH OSBORNE
 2662 RIVA ROAD - 3RD FLOOR
 ANNAPOLIS, MD 21401

VICINITY MAP

DATE: August 2017 SHEET 1 OF 20



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ROCK CREEK
FLOOD

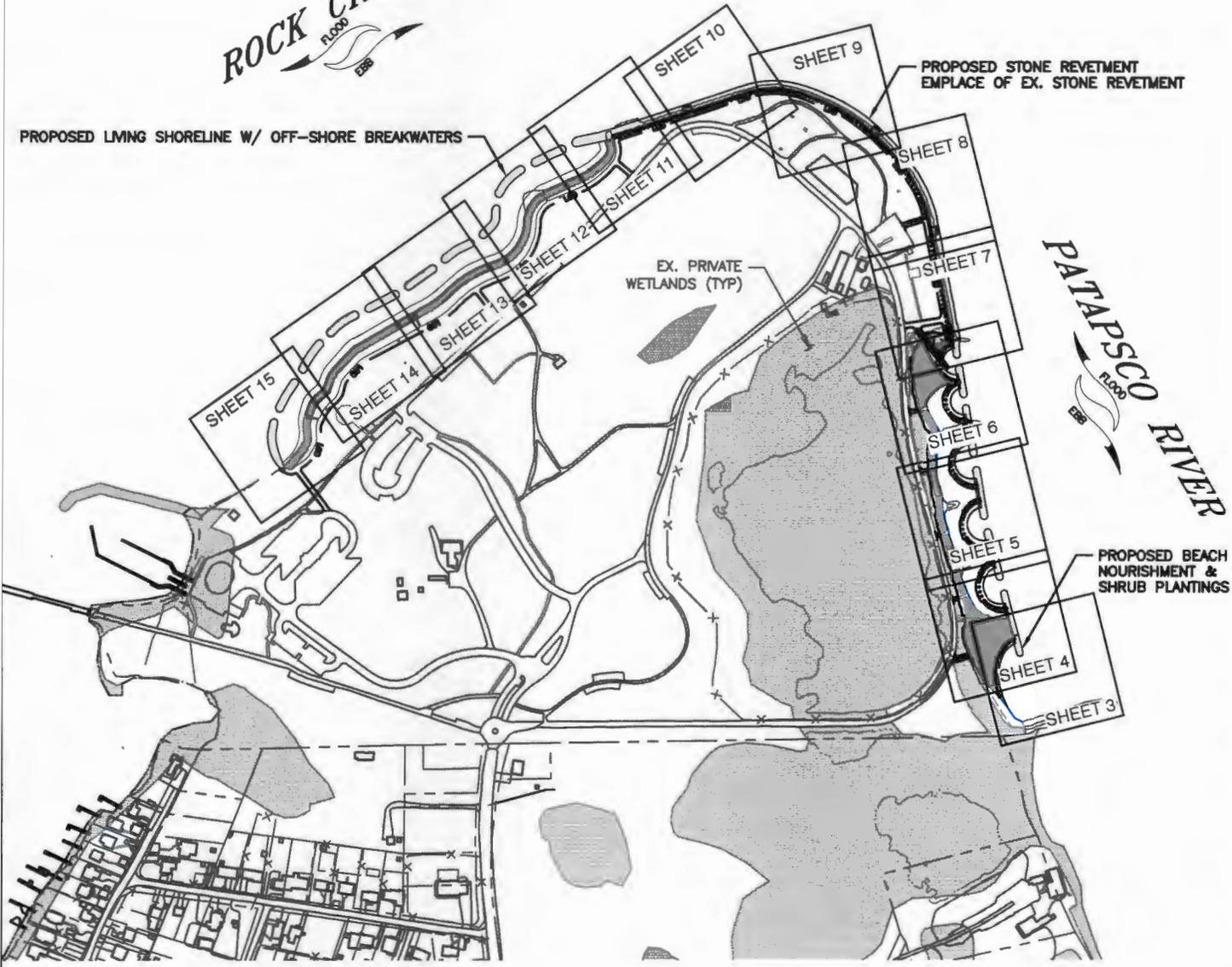
PATASSCO RIVER
FLOOD

PROPOSED LIVING SHORELINE W/ OFF-SHORE BREAKWATERS

PROPOSED STONE REVETMENT
EMPLACE OF EX. STONE REVETMENT

EX. PRIVATE
WETLANDS (TYP)

PROPOSED BEACH
NOURISHMENT &
SHRUB PLANTINGS



SHORELINE STABILIZATION
AT
FORT SMALLWOOD PARK
ANNE ARUNDEL COUNTY, MD

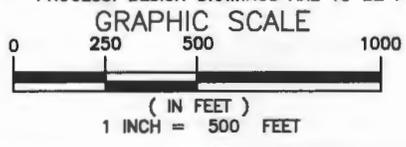
APPL. BY: ANNE ARUNDEL COUNTY
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KEY SHEET

DATE: November 2017 SHEET 2 OF 20

NOTES:

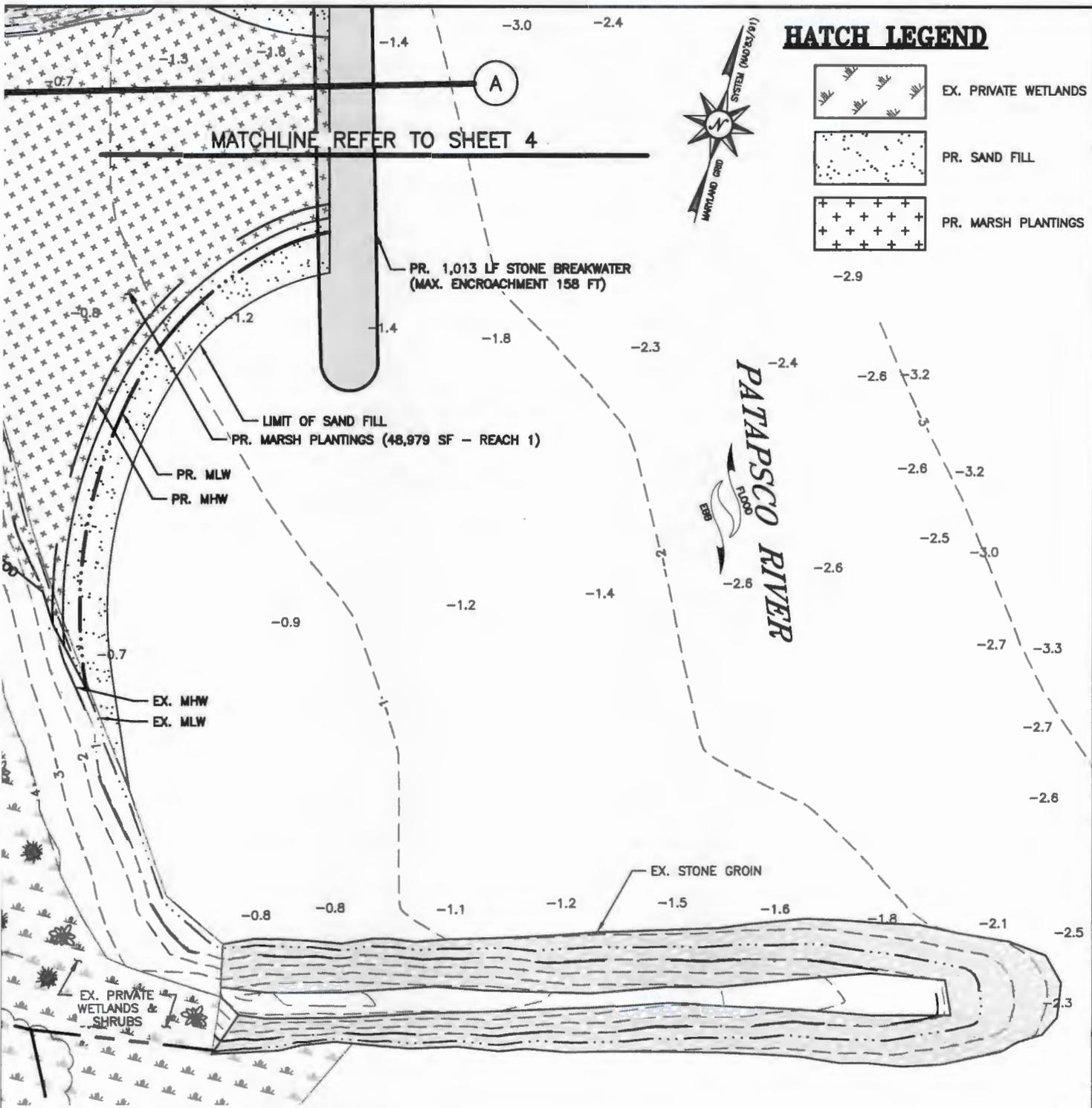
1. SOUNDINGS AND CONTOURS ARE IN FEET AND REFER TO MLW.
2. TIDAL RANGE IS 1.08 FEET.
3. TOPOGRAPHIC SURVEY WAS PERFORMED BY BAYLAND ON 10/28/2016.
4. BATHYMETRIC SURVEY WAS PERFORMED BY BAYLAND ON 10/11/2016.
5. THESE ARE PERMIT DRAWINGS ONLY AND SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.



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HATCH LEGEND

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| | EX. PRIVATE WETLANDS |
| | PR. SAND FILL |
| | PR. MARSH PLANTINGS |

**SHORELINE STABILIZATION
AT
FORT SMALLWOOD PARK
ANNE ARUNDEL COUNTY, MD**

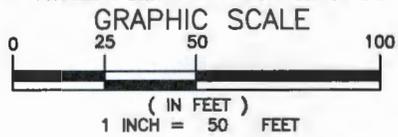
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SITE PLAN

DATE: November 2017 SHEET 3 OF 20

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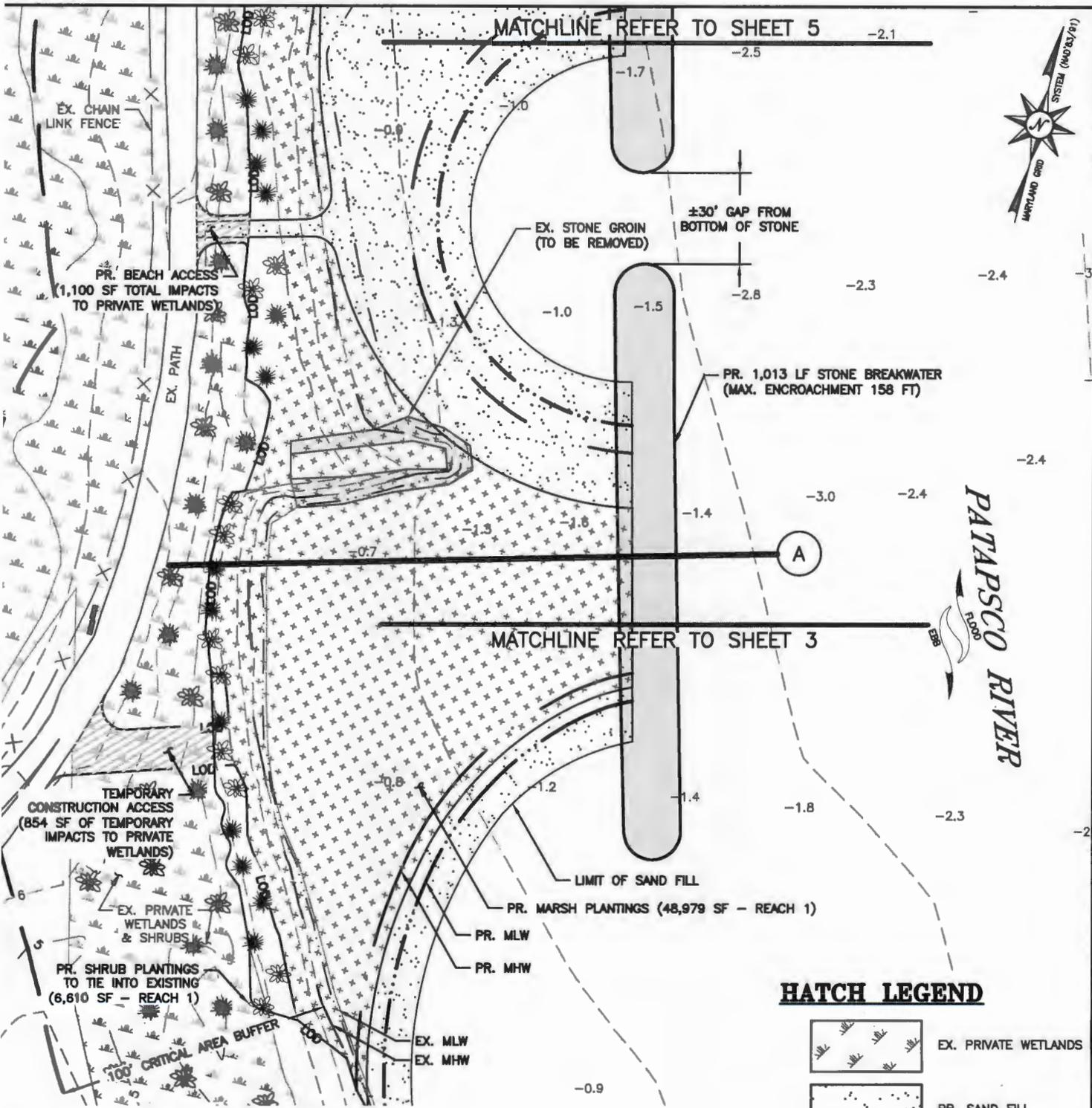
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**SHORELINE STABILIZATION
AT
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ANNE ARUNDEL COUNTY, MD**

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SITE PLAN

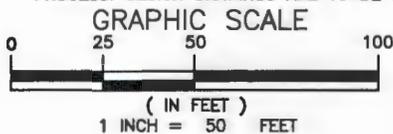
DATE: November 2017 SHEET 4 OF 20

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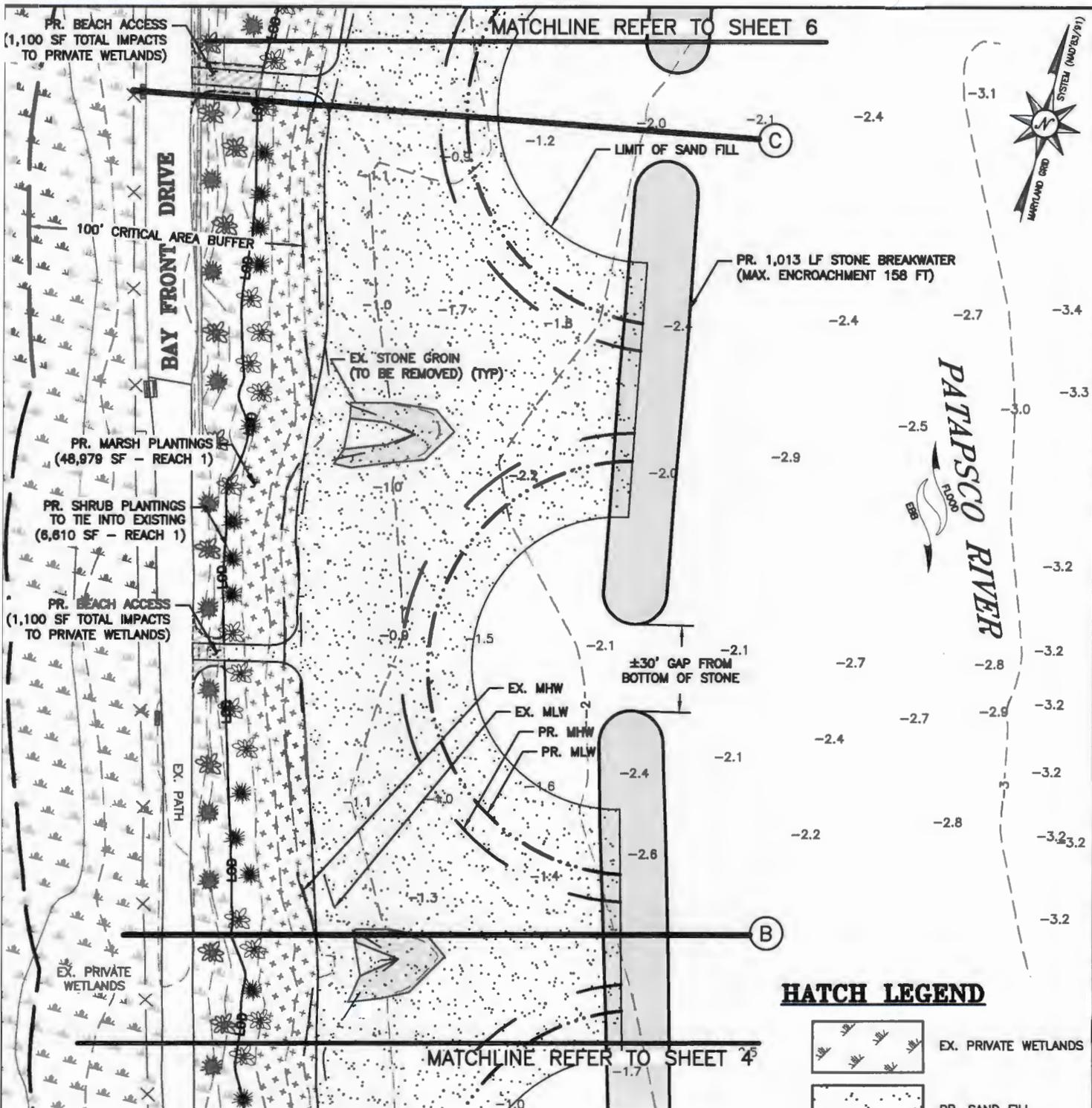
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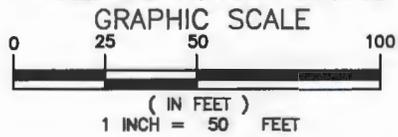
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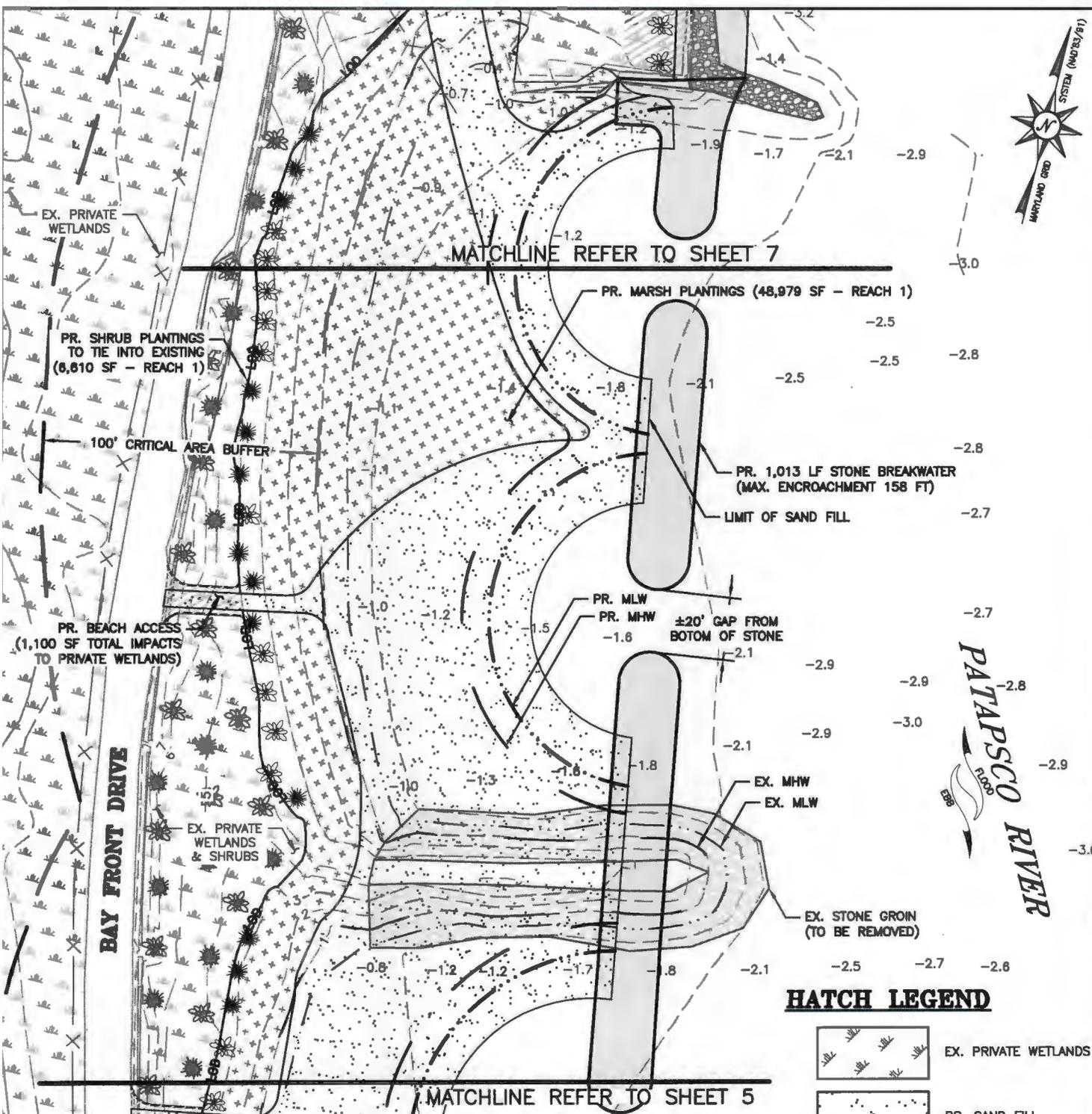
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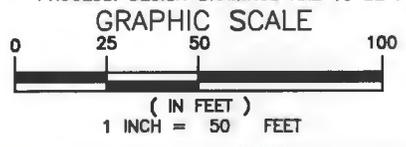
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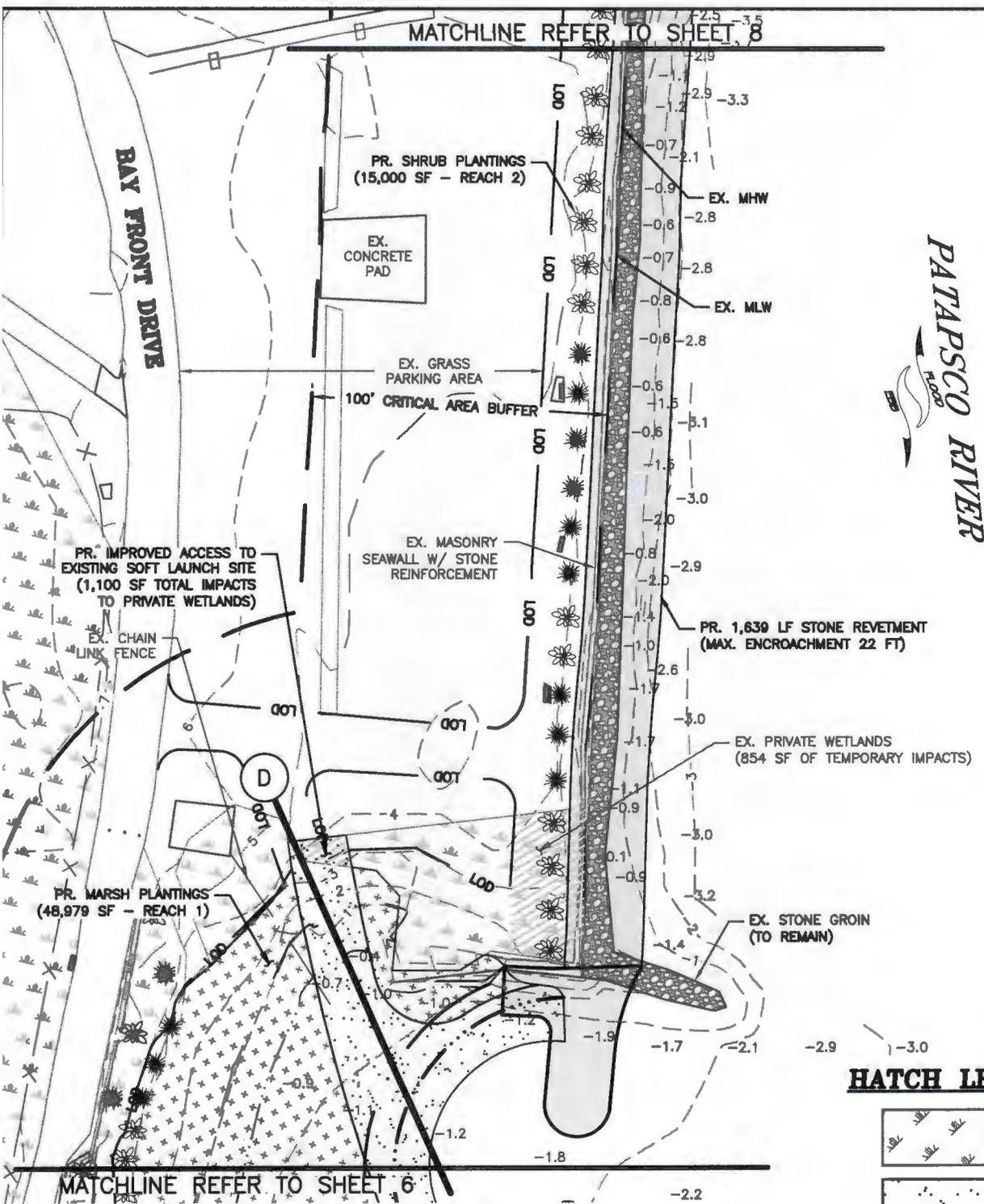


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MATCHLINE REFER TO SHEET 8

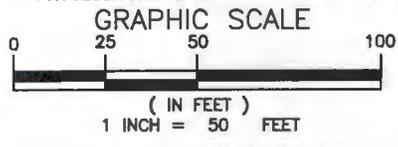


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SHORELINE STABILIZATION
AT
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ANNE ARUNDEL COUNTY, MD

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
RICH OSBORNE
2662 RIVA ROAD - 3RD FLOOR
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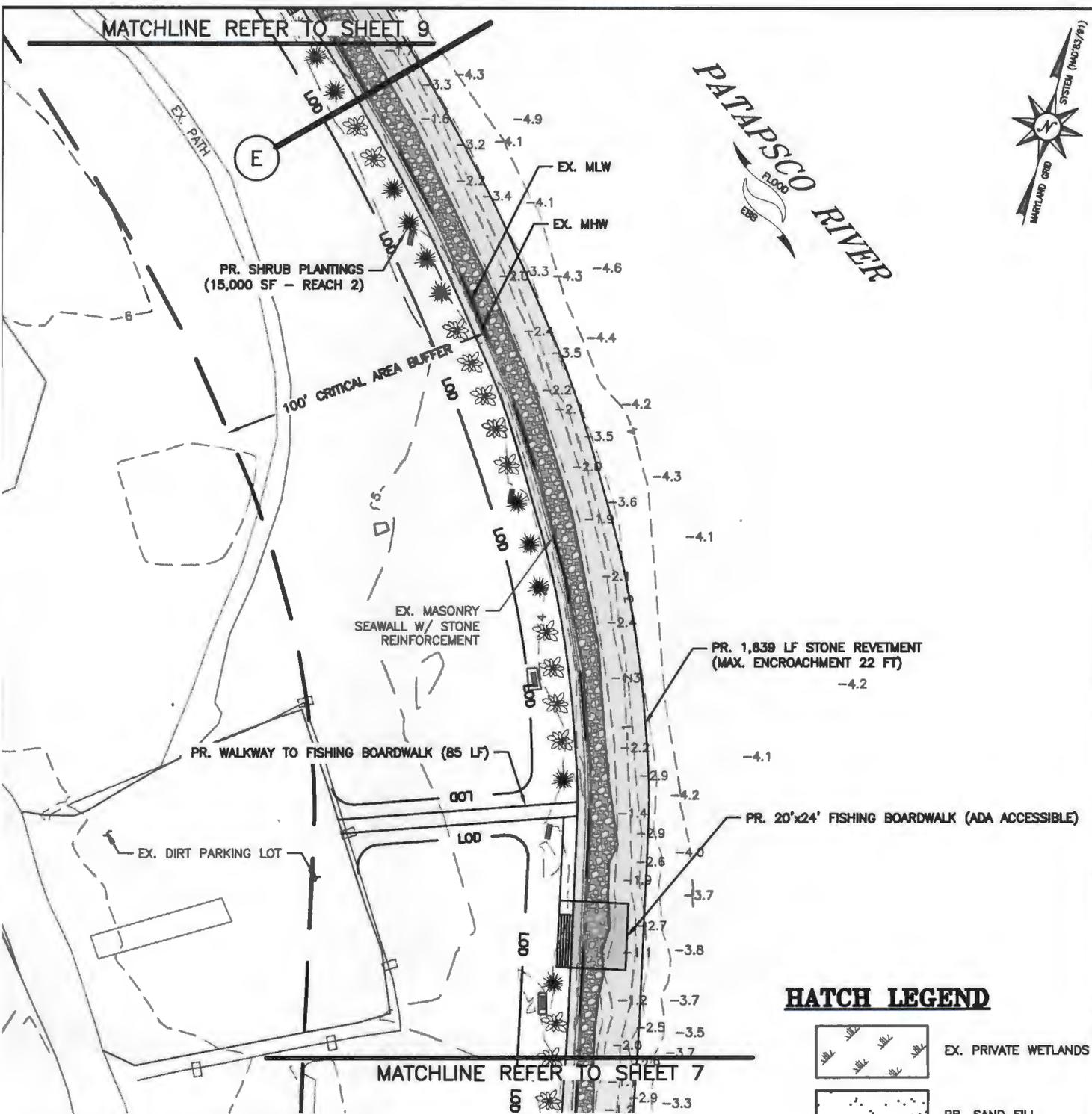
SITE PLAN

DATE: November 2017 SHEET 7 OF 20

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MATCHLINE REFER TO SHEET 9

PATAPSCO RIVER



SHORELINE STABILIZATION
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ANNE ARUNDEL COUNTY, MD

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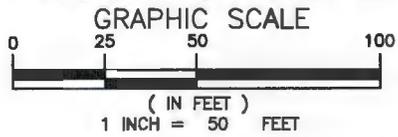
DATE: November 2017 SHEET 8 OF 20

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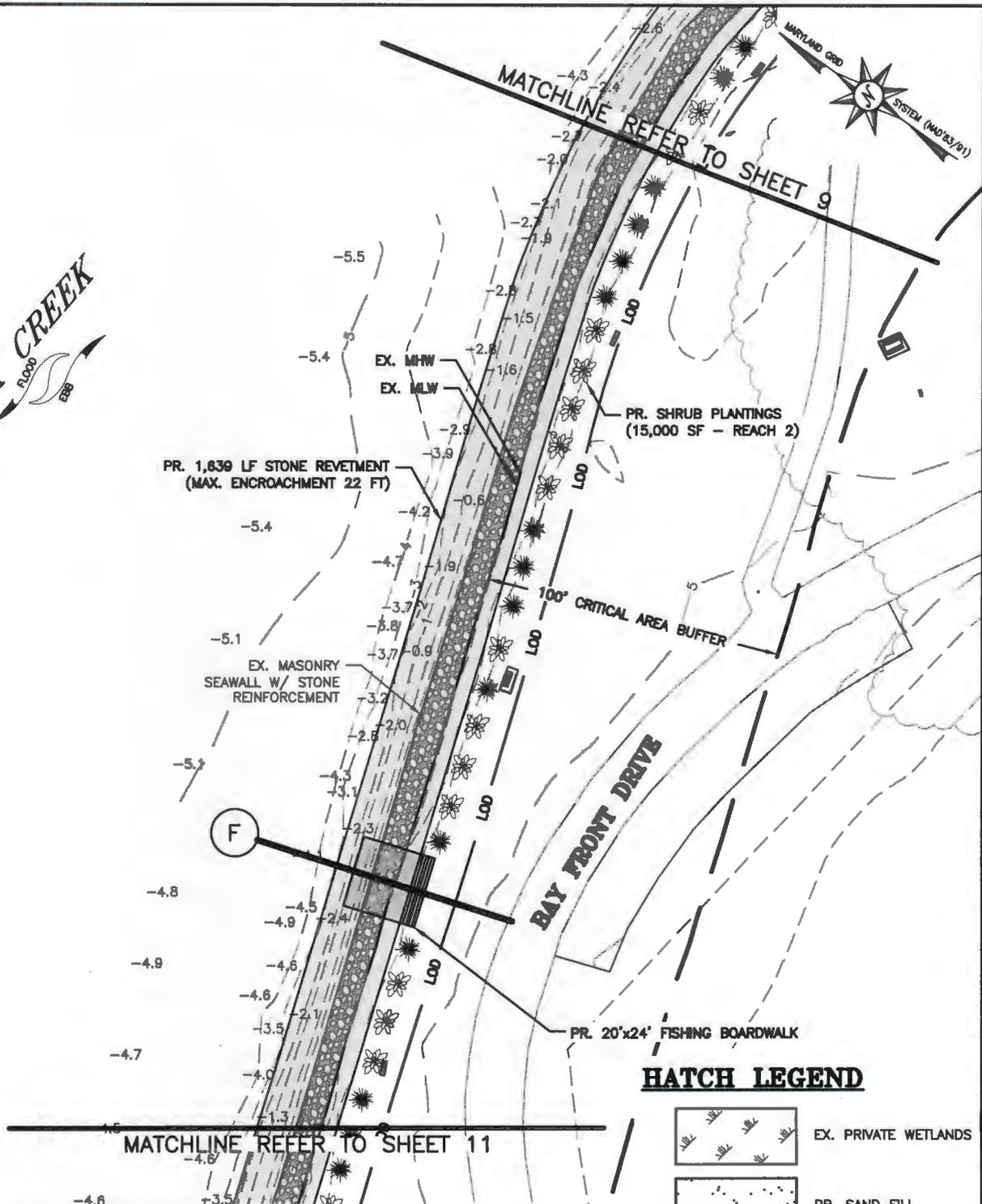
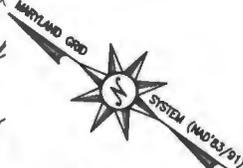
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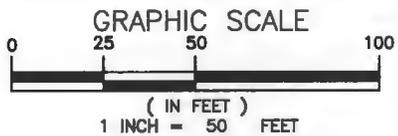
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SITE PLAN

DATE: November 2017 SHEET 10 OF 20

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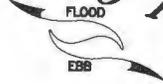
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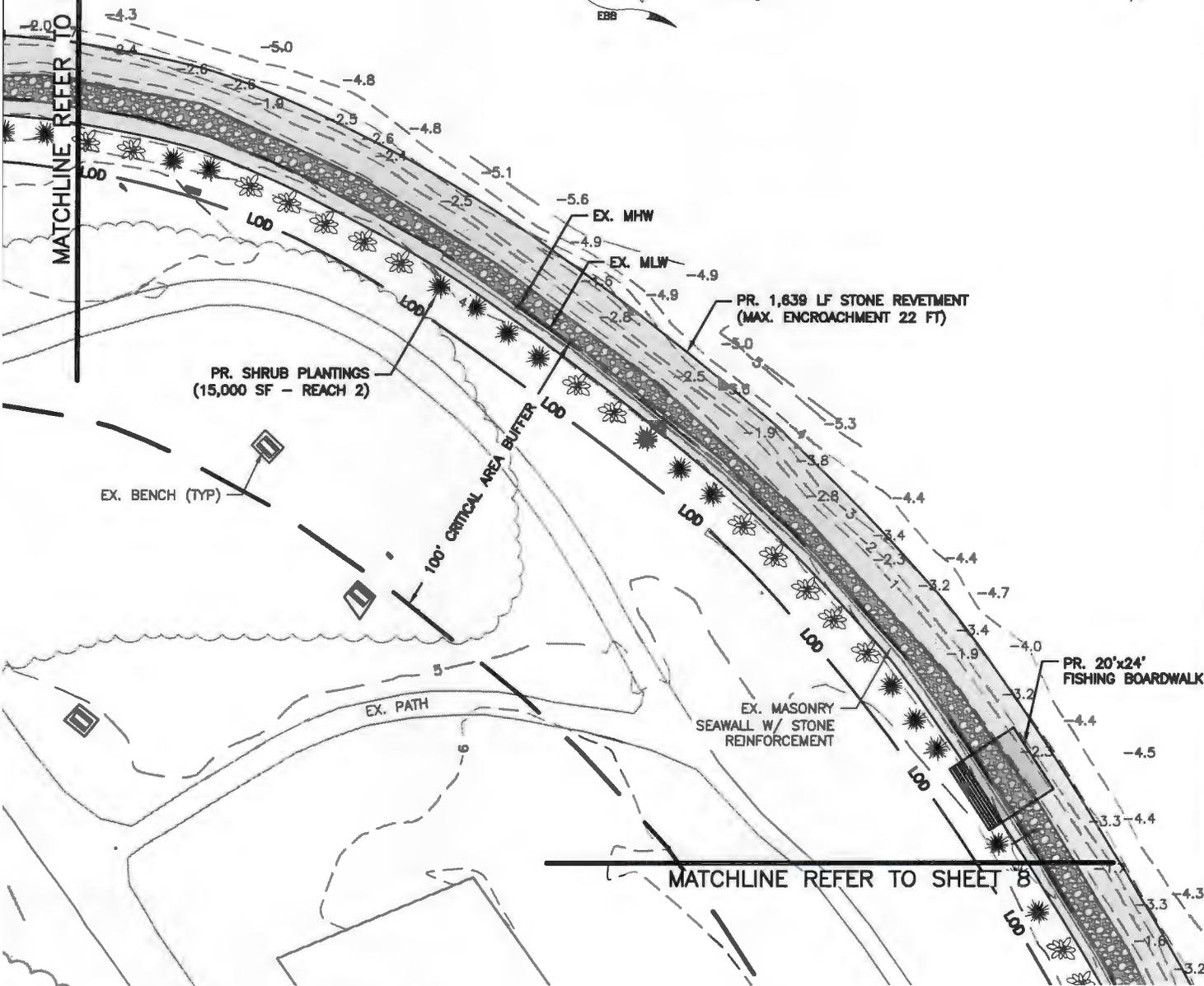


PATAPSCO RIVER



MATCHLINE REFER TO SHEET 10

MATCHLINE REFER TO SHEET 8



SHORELINE STABILIZATION AT FORT SMALLWOOD PARK ANNE ARUNDEL COUNTY, MD

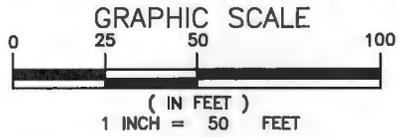
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SITE PLAN

DATE: November 2017 SHEET 9 OF 20

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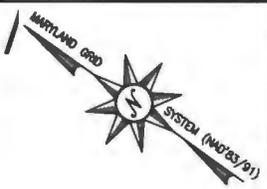
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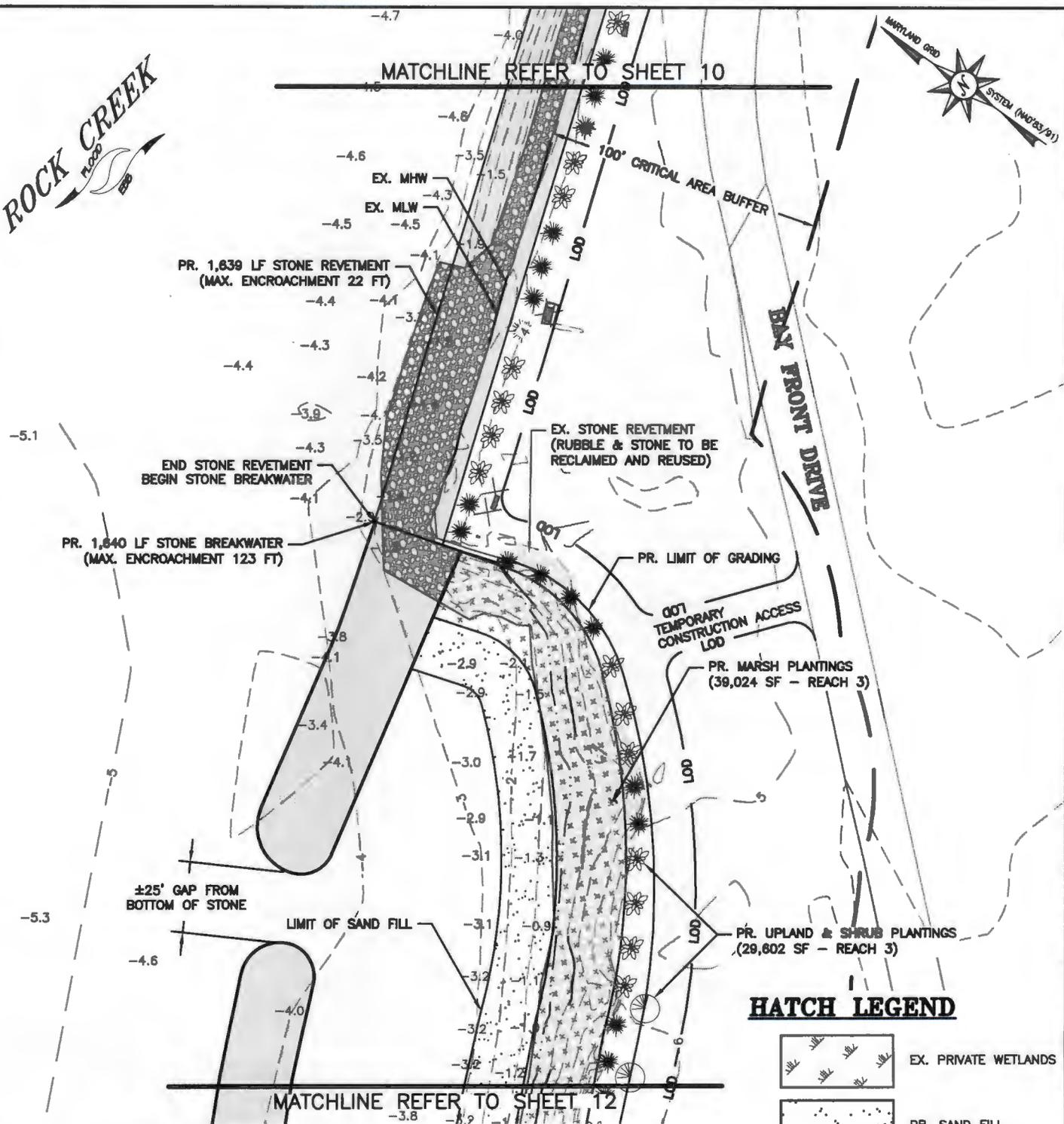
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MATCHLINE REFER TO SHEET 10



MATCHLINE REFER TO SHEET 12

SHORELINE STABILIZATION
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ANNE ARUNDEL COUNTY, MD

APPL. BY: ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
RICH OSBORNE
2662 RIVA ROAD - 3RD FLOOR
ANNAPOLIS, MD 21401

SITE PLAN

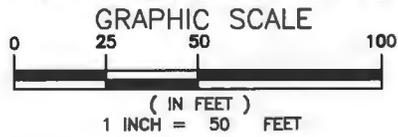
DATE: November 2017 SHEET 11 OF 20

HATCH LEGEND

| | |
|--|----------------------|
| | EX. PRIVATE WETLANDS |
| | PR. SAND FILL |
| | PR. MARSH PLANTINGS |

NOTES:

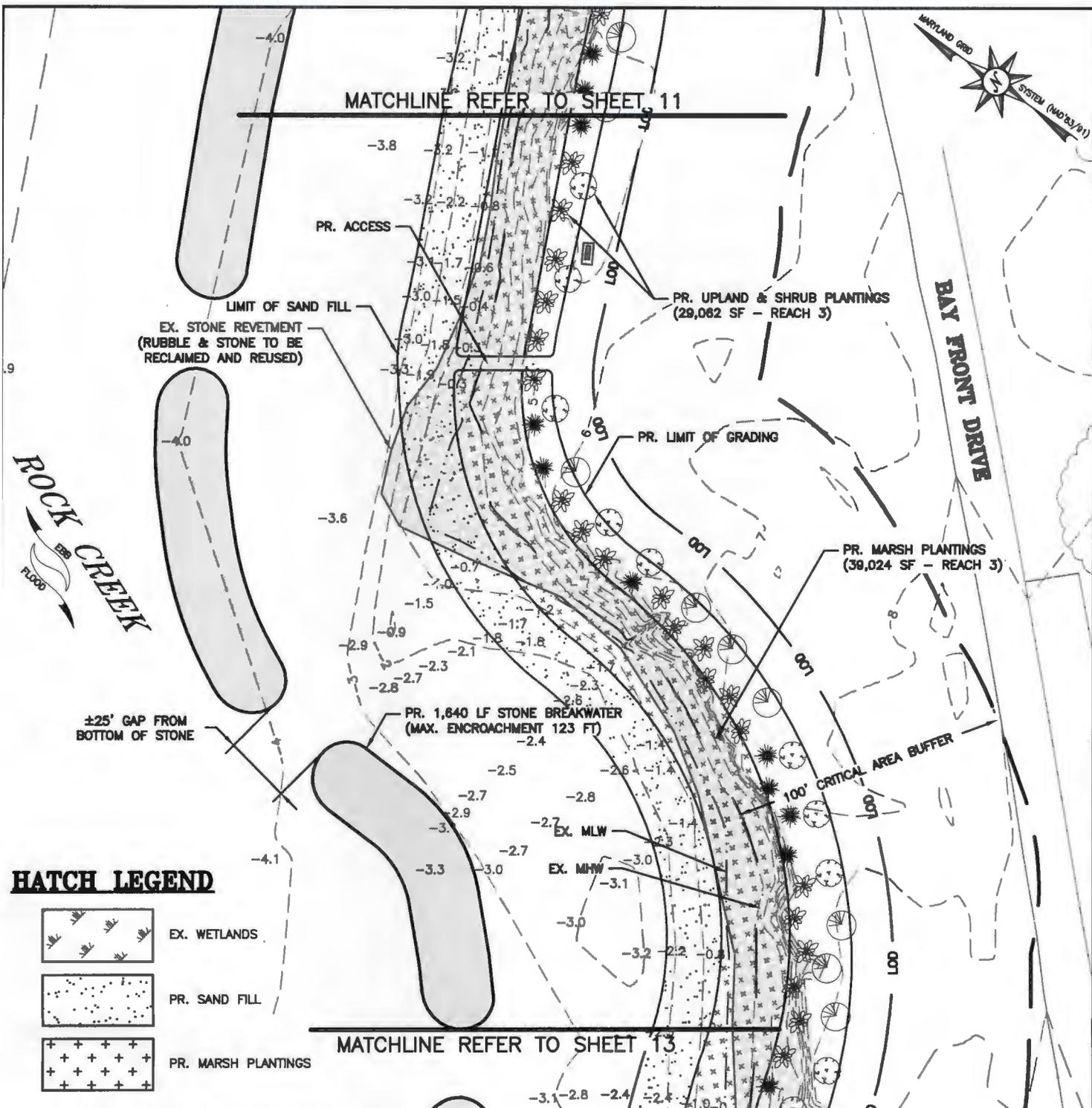
1. SOUNDINGS AND CONTOURS ARE IN FEET AND REFER TO MLW.
2. TIDAL RANGE IS 1.08 FEET.
3. TOPOGRAPHIC SURVEY WAS PERFORMED BY BAYLAND ON 10/28/2016.
4. BATHYMETRIC SURVEY WAS PERFORMED BY BAYLAND ON 10/11/2016.
5. THESE ARE PERMIT DRAWINGS ONLY AND SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.



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HATCH LEGEND

-  EX. WETLANDS
-  PR. SAND FILL
-  PR. MARSH PLANTINGS

**SHORELINE STABILIZATION
AT
FORT SMALLWOOD PARK
ANNE ARUNDEL COUNTY, MD**

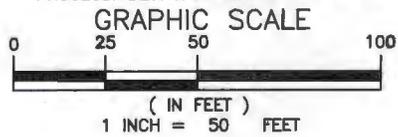
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DEPARTMENT OF PUBLIC WORKS
RICH OSBORNE
2662 RIVA ROAD - 3RD FLOOR
ANNAPOLIS, MD 21401

SITE PLAN

DATE: November 2017 SHEET 12 OF 20

NOTES:

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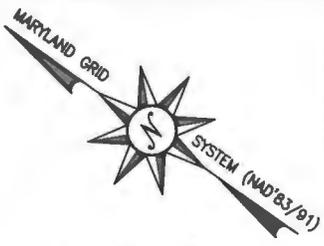


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MATCHLINE REFER TO SHEET 12



PR. 1,640 LF STONE BREAKWATER
(MAX. ENCROACHMENT 123 FT)

ROCK CREEK

PR. MARSH PLANTINGS
(39,024 SF - REACH 3)

EX. MHW

EX. MLW

TEMPORARY CONSTRUCTION ACCESS

BAY FRONT DRIVE

EX. STONE REVETMENT
(RUBBLE & STONE TO BE
RECLAIMED AND REUSED)

5000' CRITICAL
AREA BUFFER

G

PR. ACCESS

PR. LIMIT OF GRADING

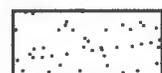
PR. UPLAND & SHRUB PLANTINGS
(29,602 SF - REACH 3)

±25' GAP FROM
BOTTOM OF STONE
LIMIT OF SAND FILL

HATCH LEGEND



EX. PRIVATE WETLANDS



PR. SAND FILL



PR. MARSH PLANTINGS

MATCHLINE REFER TO SHEET 14

**SHORELINE STABILIZATION
AT
FORT SMALLWOOD PARK
ANNE ARUNDEL COUNTY, MD**

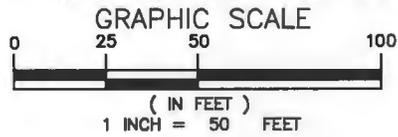
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SITE PLAN

DATE: November 2017 SHEET 13 OF 20

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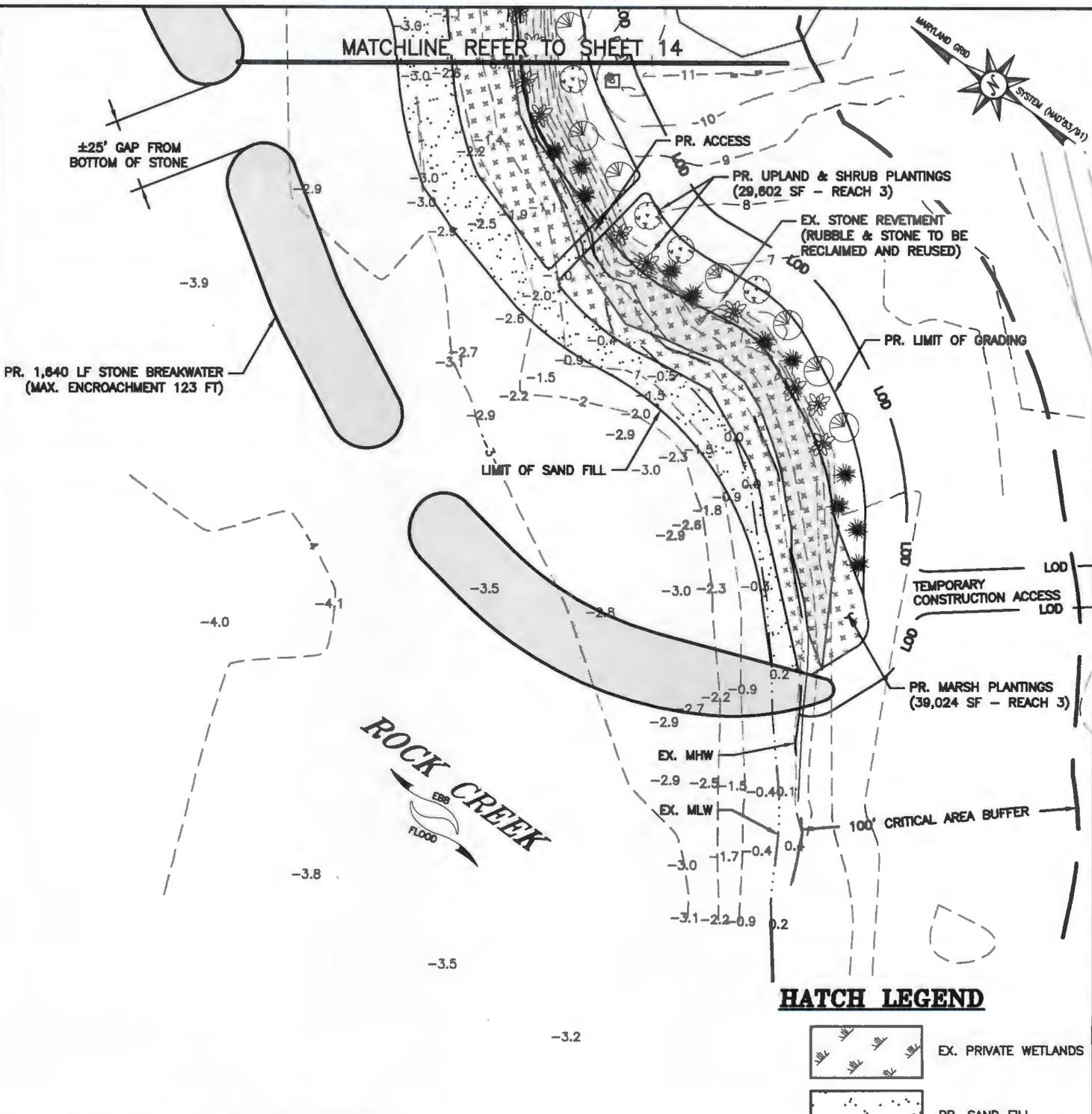
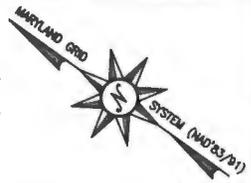


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MATCHLINE REFER TO SHEET 14

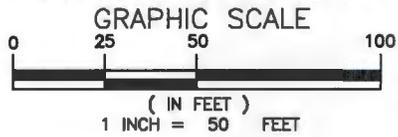


HATCH LEGEND

| | |
|--|----------------------|
| | EX. PRIVATE WETLANDS |
| | PR. SAND FILL |
| | PR. MARSH PLANTINGS |

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AT
FORT SMALLWOOD PARK
ANNE ARUNDEL COUNTY, MD**

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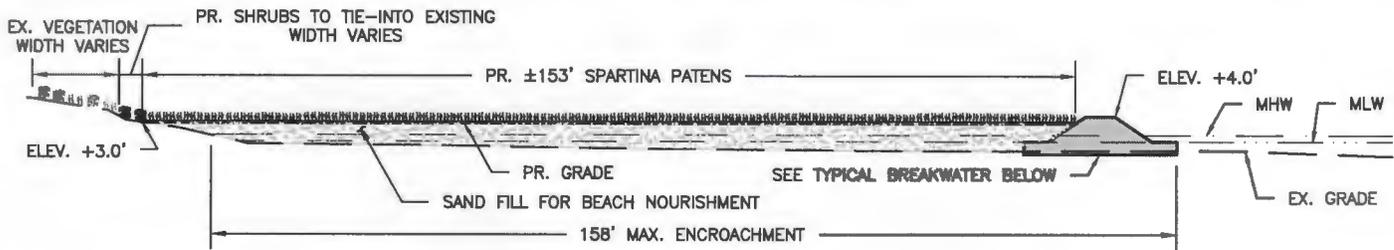
SITE PLAN

DATE: November 2017 SHEET 15 OF 20

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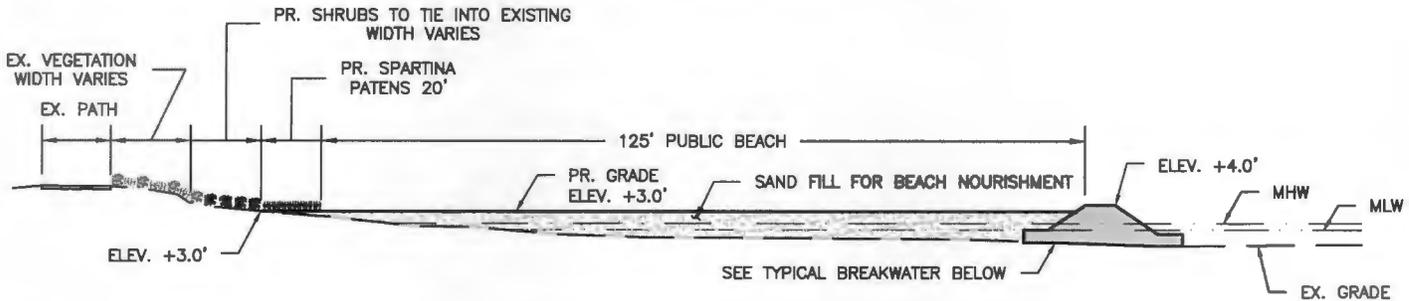
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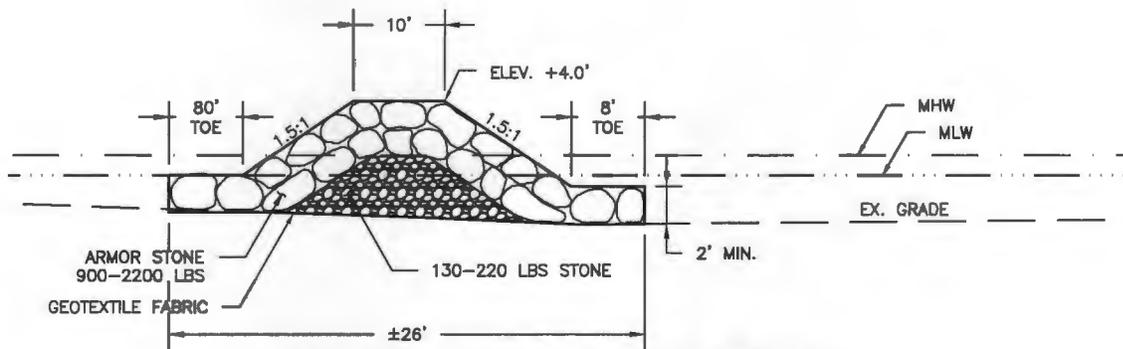
REACH 1 BREAKWATER SECTION "A"

SCALE: 1" = 30'



REACH 1 BREAKWATER SECTION "B"

SCALE: 1" = 30'



REACH 1 TYPICAL BREAKWATER

SCALE: 1" = 10'

SHORELINE STABILIZATION AT FORT SMALLWOOD PARK ANNE ARUNDEL COUNTY, MD

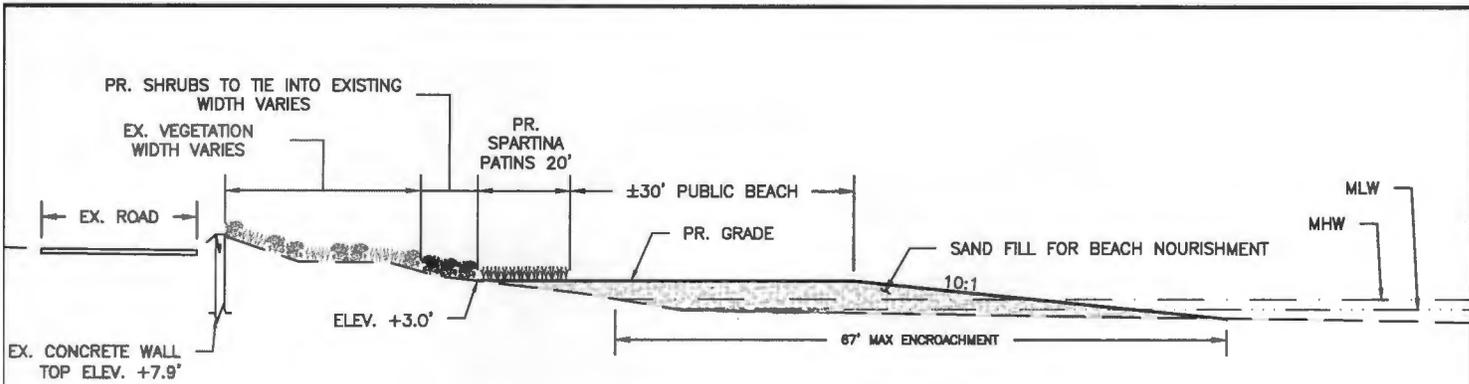
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SITE DETAILS

DATE: November 2017 SHEET 16 OF 20

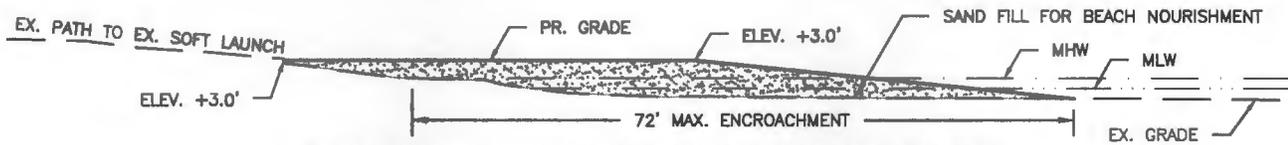
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REACH 1 SAND FILL SECTION "C"

SCALE: 1" = 20"



REACH 1 SOFT LAUNCH SECTION "D"

SCALE: 1" = 20"

**SHORELINE STABILIZATION
AT
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ANNE ARUNDEL COUNTY, MD**

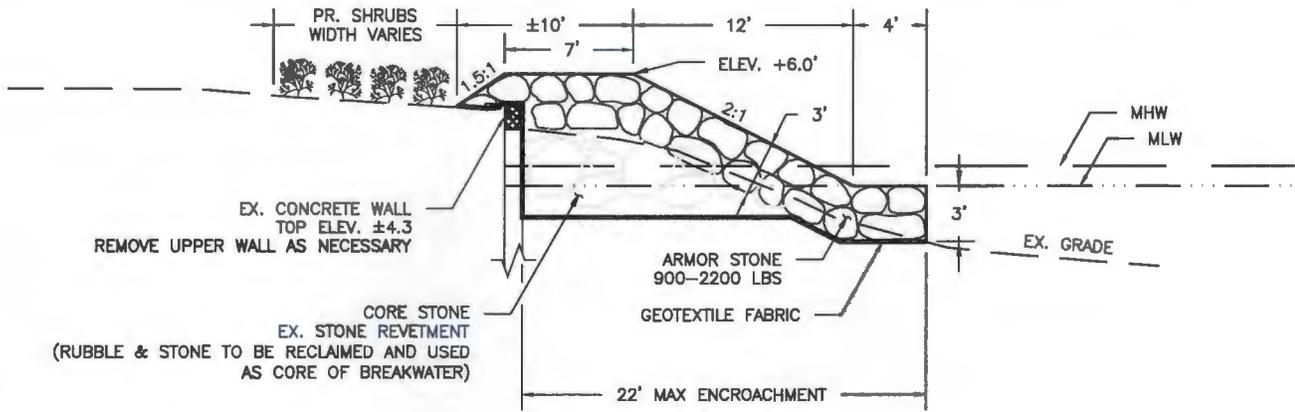
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SITE DETAILS

DATE: November 2017 SHEET 17 OF 20

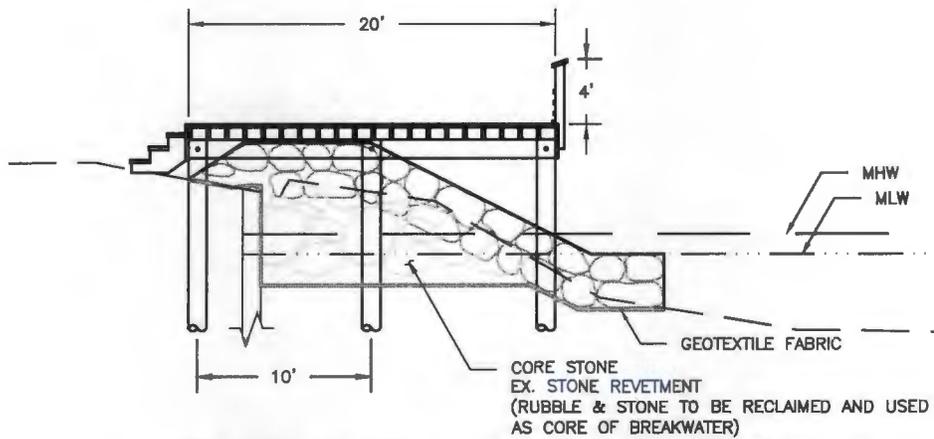
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REACH 2 REVETMENT SECTION "E"

SCALE: 1" = 10'



REACH 2 BOARDWALK SECTION "F"

SCALE: 1" = 10"

SHORELINE STABILIZATION AT FORT SMALLWOOD PARK ANNE ARUNDEL COUNTY, MD

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SITE DETAILS

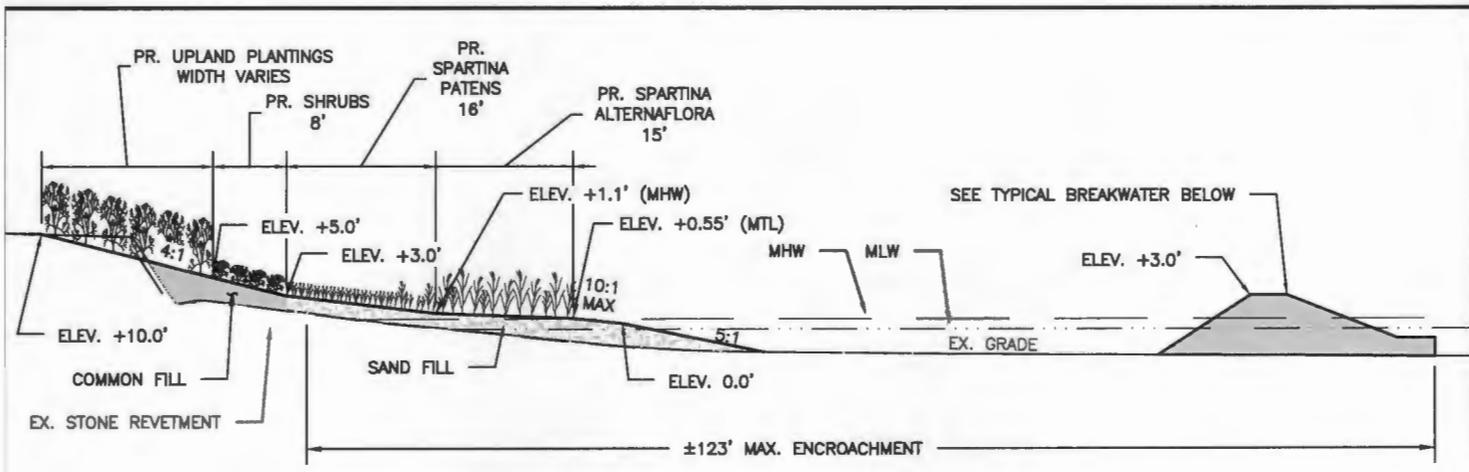
DATE: November 2017 SHEET 18 OF 20



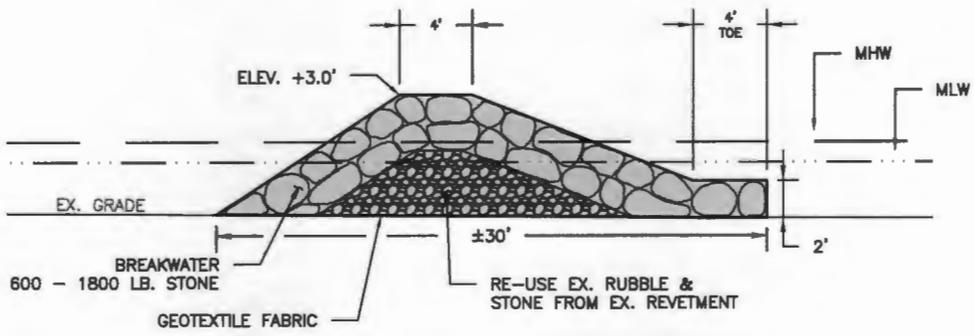
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REACH 3 BREAKWATER SECTION "G"
 SCALE: 1" = 20'



REACH 3 TYPICAL BREAKWATER
 SCALE: 1" = 10'

**SHORELINE STABILIZATION
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SITE DETAILS

DATE: November 2017 SHEET 19 OF 20

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PROJECT SUMMARY

PROPOSED STRUCTURES:

REACH 1 (MAX. ENCROACHMENT 158 FT)

STONE BREAKWATER - 1,013 LF
SAND FILL - 12,600 CY; 123,915 SF (W/O PLANTINGS - 7,620 CY; 74,936 SF & W/ PLANTINGS - 4,980 CY; 48,979 SF)
MARSH PLANTINGS - 48,979 SF
SHRUB PLANTINGS - 8,610 SF

REACH 2 (MAX. ENCROACHMENT 22 FT)

STONE REVETMENT - 1,639 LF
SHRUB PLANTINGS - 15,000 SF
FISHING BOARDWALK - 1,440 SF

REACH 3 (MAX. ENCROACHMENT 123 FT)

STONE BREAKWATER - 1,640 LF
SAND FILL - 7,000 CY
MARSH PLANTINGS - 39,024 SF
UPLAND & SHRUB PLANTINGS - 29,602 SF

IMPACT SUMMARY

TOTAL PROPOSED IMPACT (ALL REACHES) = 137,304 SF (3.15 ACRES)
TOTAL AREA OF IMPACT FROM MHW INTO TIDAL WATERS: 141,600 SF (3.25 ACRES)
TOTAL AREA OF IMPACT TO PRIVATE TIDAL WETLANDS: 854 SF (0.02 ACRES) - TEMPORARY; 1,100 SF (0.03 ACRES) - PERMANENT

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 1.1 FEET.
4. TOPOGRAPHIC SURVEY WAS PERFORMED BY BAYLAND ON 10/28/2016.
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SHORELINE STABILIZATION

AT

FORT SMALLWOOD PARK

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SITE NOTES

DATE: November 2017 SHEET 20 OF 20

