

U.S. Army Corps
of Engineers
Baltimore District

Public Notice

In Reply to Application Number
CENAB-OPR-M (SM REC&PARK/ST INIGOES PARK)
2017-62067

PN 18-14

Comment Period: March 2, 2018 to March 22, 2018

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: St. Mary's County
Recreation and Parks Department
c/o David Guyther, Supervisor
44833 St. Andrews Church Road
California, Maryland 20619

WATERWAY AND LOCATION: In Smith Creek, a tributary to the Potomac River, at St. Inigoes Park at 46621 Beachville Road in St. Inigoes, St. Mary's County, Maryland.

PROPOSED WORK AND PURPOSE: The applicant proposes to remove 270 linear feet of an existing, deteriorating timber bulkhead down to the mean low water (MLW) line; to create a tidal marsh along 277 linear feet of shoreline within an approximate 11,911 square foot area by depositing approximately 1,347 cubic yards of clean, sloped select sand fill channelward of the bulkhead alignment stabilized with *Spartina alterniflora*, *S. patens* and *Ammophila brevigulata* along an elevation gradient to create three distinct vegetative zones to extend no more than 45 feet channelward of the approximate mean high water (MHW) shoreline; and to construct 242 linear feet of stone breakwaters, approximately 16-foot wide at the base and 4 feet wide at the top elevated 2.9 feet above the approximate MLW level, with two 25-foot wide tidal vents to extend no more than 70 feet channelward of the approximate MHW shoreline. The work includes to utilize a 6.5-foot wide by 50-foot long area of Mobi-mats for permanent site access and to plant a 19-foot wide row of *Panicum amarulum* landward of the existing bulkhead. All work is to be completed in accordance with the attached plans dated February 5, 2018. If you have any questions concerning this matter, please contact Ms. Connie Ramsey at (410) 962-5676 or Connie.L.Ramsey@usace.army.mil.

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 and previously authorized work. No compensatory mitigation is proposed since no wetland impacts are proposed.

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: Ms. Connie Ramsey, CENAB-OPR-M], 2 Hopkins Plaza, Baltimore, Maryland 21201 or Connie.L.Ramsey@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 *Scophthalmus aquosus* (windowpane flounder) juvenile and adult; *Pomatomus saltatrix* (blue fish) juvenile and adult; *Paralichthys dentatus* (summer flounder) juvenile and adult; and the eggs, larvae, juvenile, and adult stages of *Sciaenops ocellatus* (red drum), *Scomberomorus cavalla* (king mackerel), *Scomberomorus maculatus* (Spanish mackerel), and *Rachycentron canadum* (cobia), 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 may affect, but is not likely to adversely 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.

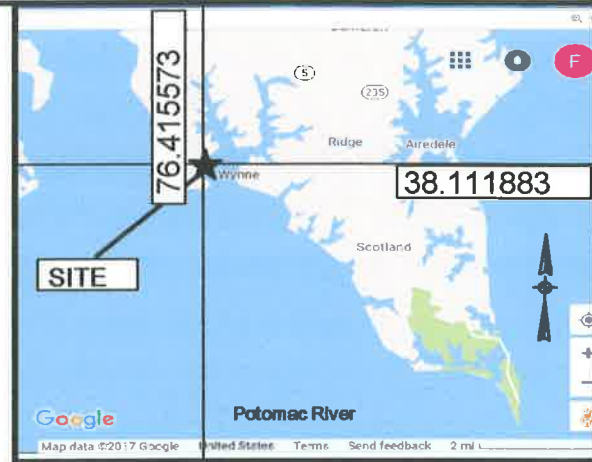
NATIONAL HISTORIC PRESERVATION ACT: Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion therein are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, 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.

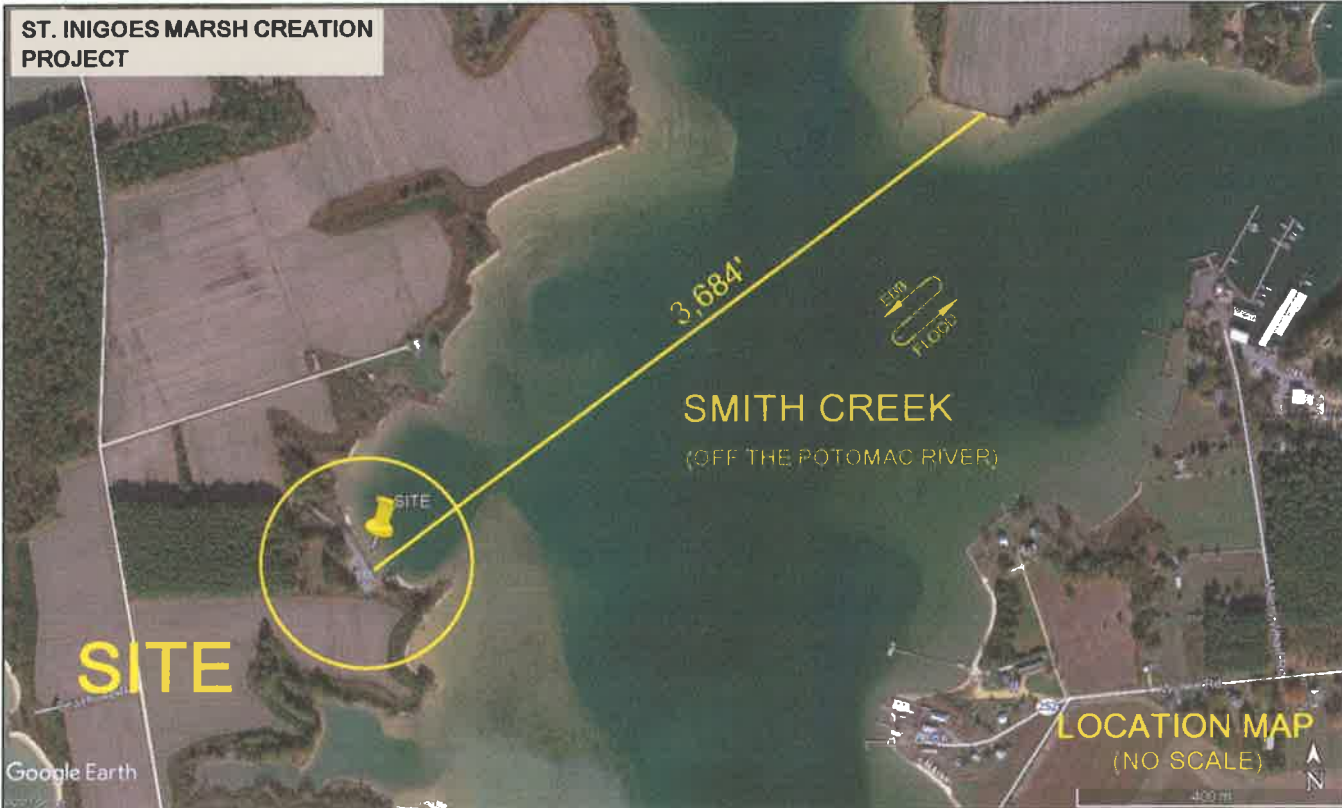
It is requested that you communicate the foregoing information concerning the proposed work to any persons known by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

Kathy B. Anderson
Chief, Maryland Section Southern



VICINITY MAP ST. MARY'S COUNTY
ADC Map 29, E-11.8



**REPLACE AN EXISTING TIMBER BULKHEAD WITH
STONE WAVE SCREENS AND SHORELINE STABILIZATION**

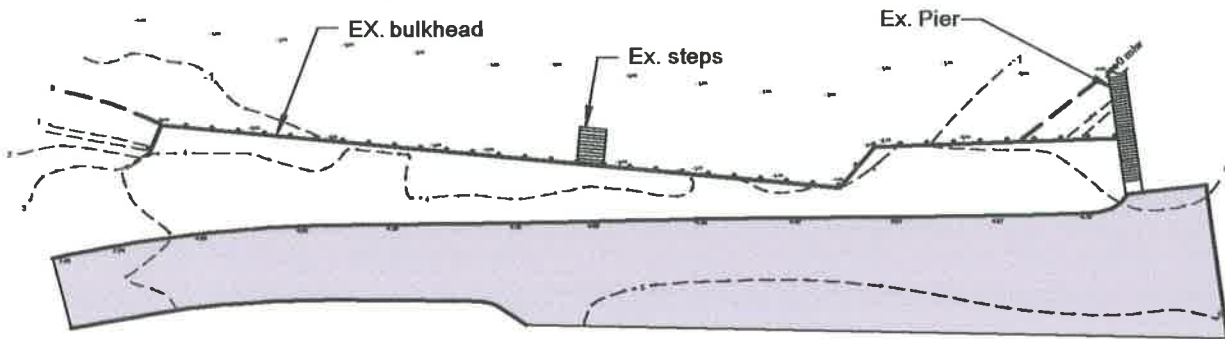
NOTES:

1. TIDAL WATERS, TIDE RANGE IS 1.4'
2. ELEVATIONS BASED ON MLW
3. TO REPLACE AN EXISTING BULKHEAD WITH STONE WAVE SCREENS, BACK FILL WITH CLEAN SAND AND PLANT SEVERAL SPECIES OF MARSH GRASSES TO CREATE A SUSTAINABLE SHORELINE
4. THIS DRAWING IS FOR OUTLINE PURPOSES ONLY.
5. ELEVATIONS SUPPLIED BY AMT AND ASSOCIATES AND DNR
6. MAX. DISTANCE FROM THE MHW LINE IS 70'

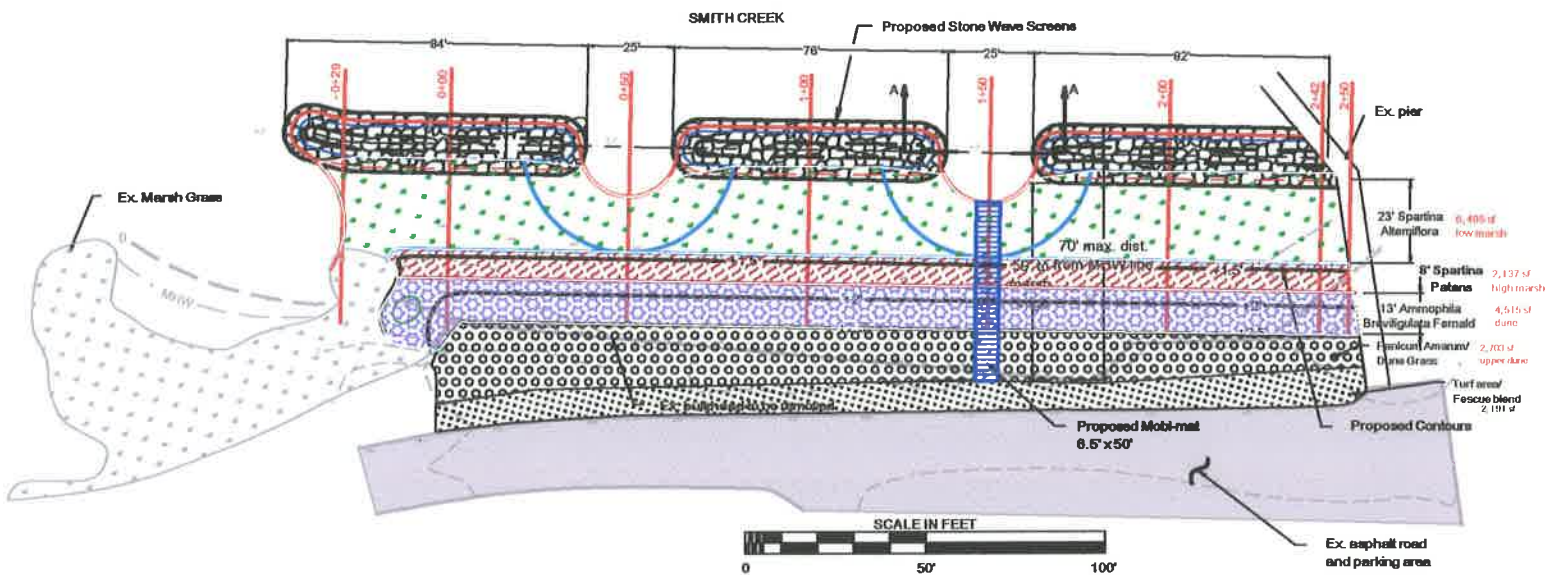
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TOWN: ST. INIGOES
COUNTY: ST. MARY'S
STATE: MARYLAND
APPL. BY: ST. MARY'S CO REC AND PARKS
44833 ST. ANDREWS CHURCH ROAD
CALIFORNIA, MD 20619

DATE: NOVEMBER, 2017

REVISED 2/5/2018



EXISTING SITE CONDITIONS



PLAN VIEW
ST. INIGOS PROPOSED
SHORELINE STABILIZATION
PROJECT

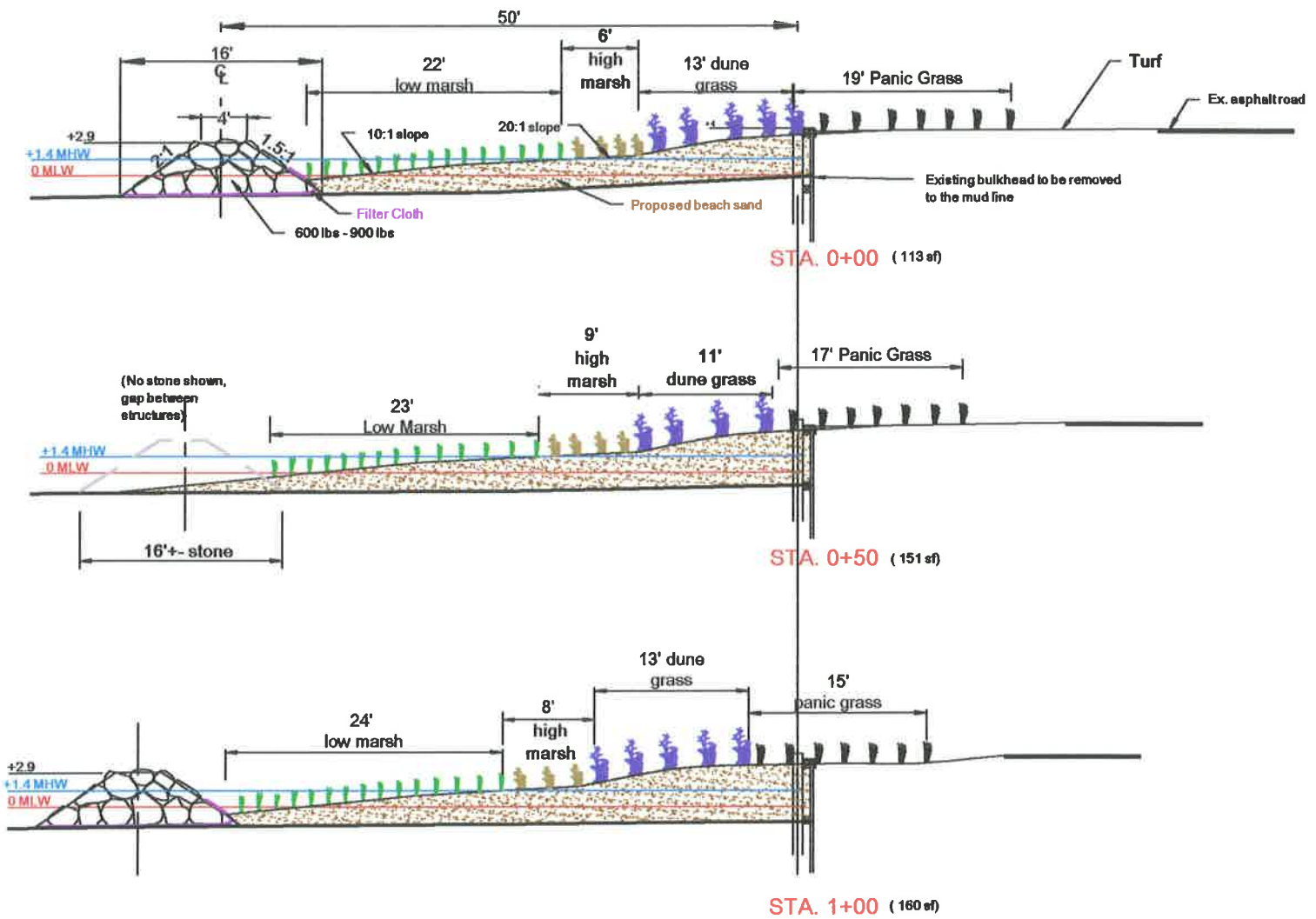
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SECTIONS



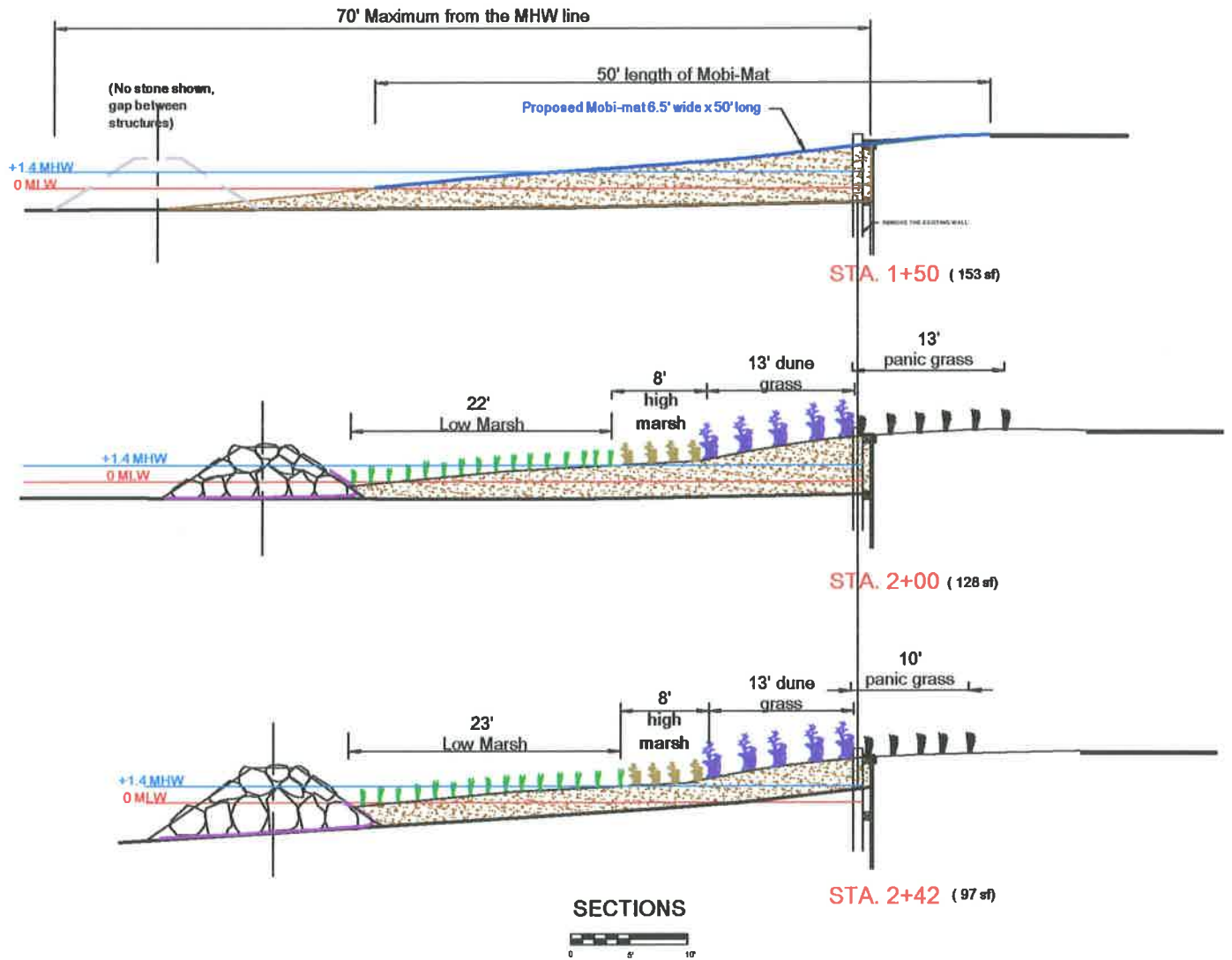
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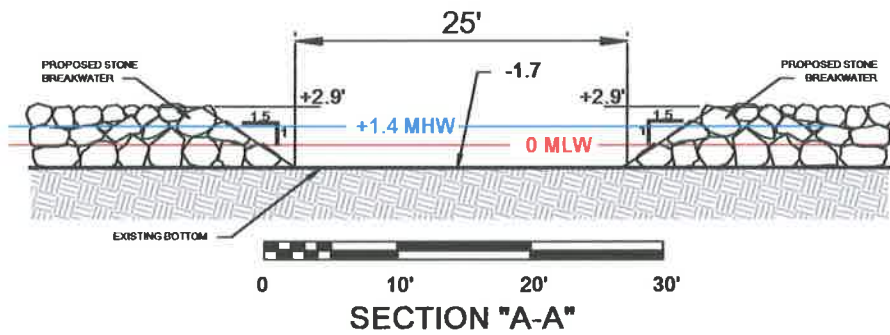
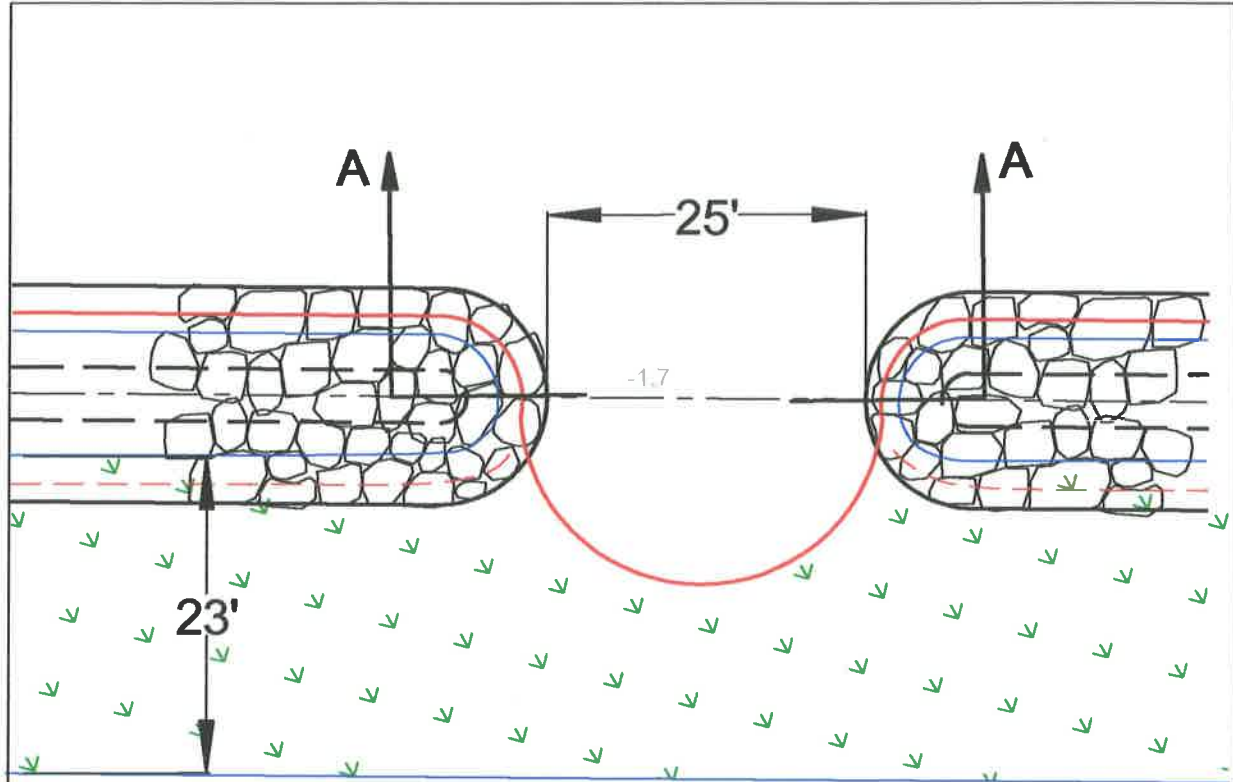
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SECTION REQUESTED BY MDE 1/2/2018

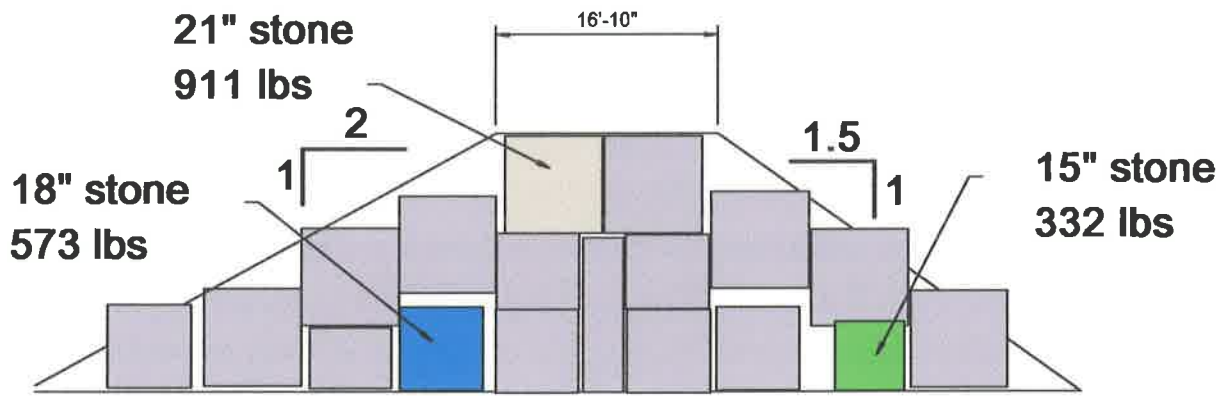
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ST. INIGOES STONE SECTION NTS

(Note: Rocks are not square. But for calucation purposes they are used)

Stone weights are based on the specific gravity of granite (2.6-2.7). I use 170 lbs / cu ft for the stone weight.

so a 12" x 12" x 12" or 1 cu ft of granate rock is 170 lbs.

a 15" x 15" x 15" or 1.95 cu ft weighs 332 lbs

an 18" x 18" x 18" or 3.375 cu ft weighs 573 lbs

a 20" x 20" x 20" or 4.62 cu ft weighs 785 lbs

a 21" x 21" x 21" or 5.35 cu ft weighs 910 lbs

Our project at St. Inigoes calls for 300 lb to 900 lb stones. There will be some stones that are larger and some smaller, but as you can see in the above section if an exact size stone could be used we still would need the 4' level at the top of the structure. We think it is justified and using the 1.5 to 1 slope on the shore side of the structure will reduce the overall footprint.

STONE SIZE COMPARSION

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ST. INGOES SAND FILL ESTIMATE 1/2/2018

SECTION NUMBER	SF OF SECTION	AVG SF OF SECTIONS	TIMES	DIST. BETWEEN SECTIONS	CUBIC FEET	BY 27	CUBIC YARDS
STA. <u>-0+29</u>	0 FT ²	56.5 FT ²	X	29 LF =	1639 FT ³	÷	61 CY
STA. <u>0+00</u>	113 FT ²	132 FT ²	X	50 LF =	6600 FT ³	÷	244 CY
STA. <u>0+50</u>	151 FT ²	155.5 FT ²	X	50 LF =	7775 FT ³	÷	288 CY
STA. <u>1+00</u>	160 FT ²	156.5 FT ²	X	50 LF =	7825 FT ³	÷	290 CY
STA. <u>1+50</u>	153 FT ²	140.5 FT ²	X	50 LF =	7025 FT ³	÷	260 CY
STA. <u>2+00</u>	128 FT ²	112.5 FT ²	X	42 LF =	4725 FT ³	÷	175 CY
STA. <u>2+42</u>	97 FT ²	97 FT ²	X	8 LF =	776 FT ³	÷	29 CY
STA. <u>2+50</u>	97 FT ²				36,365		1,347
					TOTAL FT ³		TOTAL CY

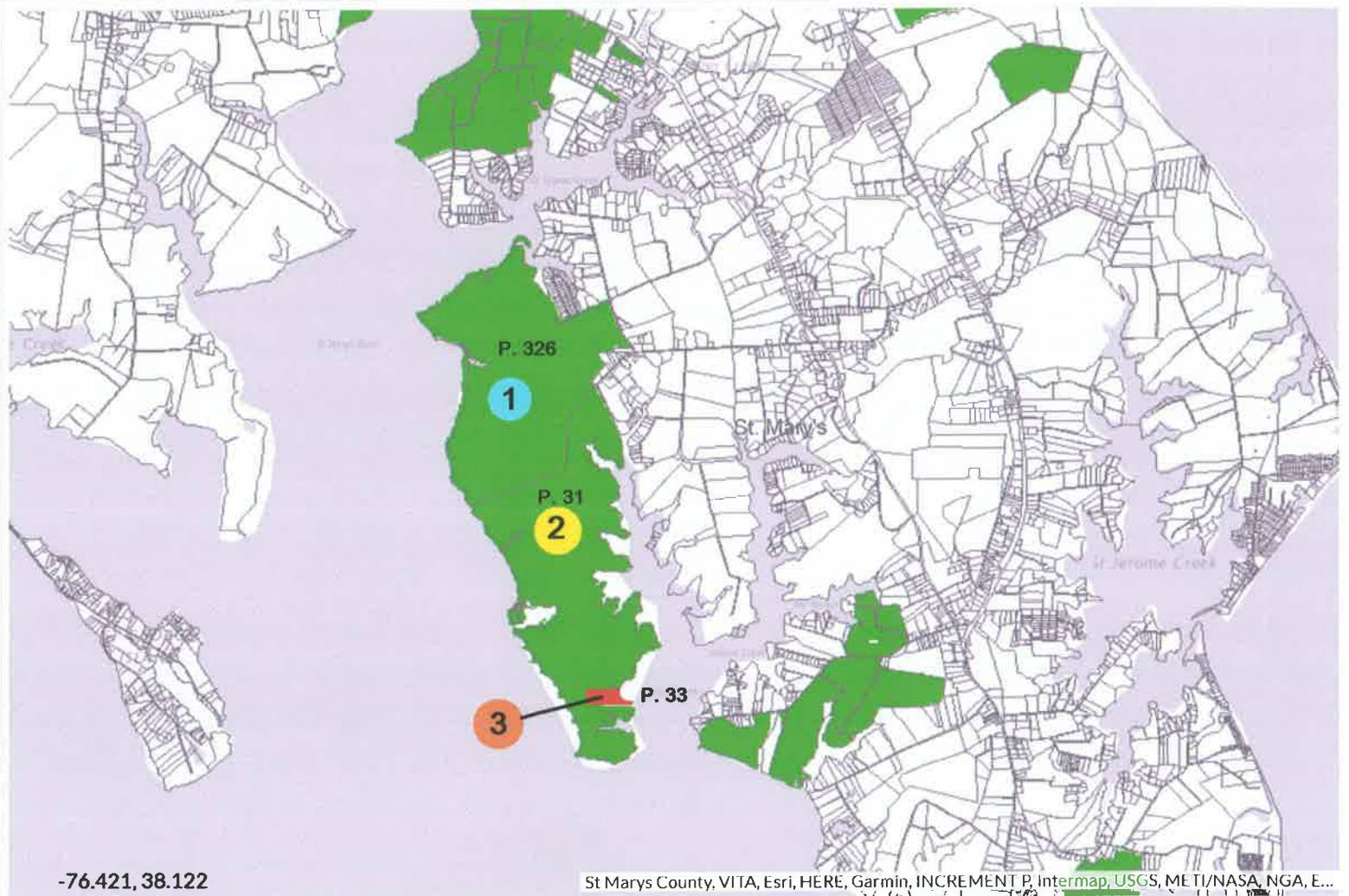
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ADJACENT PROPERTY OWNERS

1 PARCEL 326
 United States of America
 NESEA
 47700 Villa Rd.
 St. Inigoes, MD 20684

2 PARCEL 31
 State of Maryland
 Dept. Of Natural Resources
 580 Taylor Ave
 Annapolis, MD 21401

3 PARCEL 33, APPLICANT
 St. Mary's County Commissioners
 c/o Parks Division
 44833 St. Andrews Church Rd.
 California, MD 20619

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DRAWING 8