



PUBLIC NOTICE

US Army
Corps
of Engineers
Baltimore
District

In Reply to Application Number
CENAB-OP-RMS(US NAVY/PATUXENT NAS,
GATE 4/SHOREEROSION CONTROL & JETTY
PROJECT)04-60878-4

Comment Period: January 26, 2004 to February 26, 2004

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: Mr. Kyle Rambo
US Naval Air Station
c/o Mr. Bruce Young
St. Mary's Soil Conservation District
22660 Washington Street, P.O. Box 810
Leonardtwn, Maryland 20650

LOCATION: In the Patuxent River at the Patuxent River Naval Air Station,
St. Mary's County, Maryland

WORK: The applicant proposes, in accordance with the attached plans, to create 65,700 square feet of tidal marsh/dune system along approximately 1,000 linear feet of shoreline by depositing approximately 5,470 cubic yards of sloped, clean select sand fill stabilized with *Spartina alterniflora* and *S. patens* averaging 90 feet wide, to extend no more than 130 feet channelward of the approximate mean high water (MHW) shoreline and by depositing approximately 20,000 cubic yards of sloped, clean select sand fill, averaging 90 feet wide as beach nourishment, to extend no more than 130 feet channelward of the approximate MHW shoreline stabilized with a 20-foot by 115-foot stone groin to extend no more than 90 feet channelward of the approximate MHW shoreline; to install 130-foot, 200-foot, and 120-foot breakwaters averaging 30 feet wide, to extend no more than 170 feet channelward of the approximate MHW shoreline; to install two 30-foot by 150-foot breakwater spurs averaging 30 feet wide, to extend no more than 190 feet channelward of the approximate MHW shoreline; and to install 300 linear feet of stone revetment, averaging 35 feet wide, to extend no more than 60 feet channelward of the approximate MHW shoreline. Also, the applicant proposes to emplace 1,000 linear feet of stone revetment, averaging 35 feet wide, to extend no more than 60 feet channelward of the existing concrete bulkhead and to construct a stone jetty with a minimum 65-foot and maximum 80-foot width, to extend no more than 190 feet channelward of the existing concrete bulkhead.

The project would impact approximately 2.5 acres of open water habitat in depths less than -4.0 feet mean low water (MLW) in the areas where marsh creation and beach nourishment are proposed and approximately 1.1 acres in depths ranging from -4.0 feet to -17.0 feet MLW in the area channelward of the existing remaining concrete bulkhead. All work is to be completed in accordance with the enclosed plan(s). If you have any questions concerning this matter, please contact Mrs. Kathy Anderson at (410) 962-5690.

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 *Scopthalmus aquosus* (windowpane flounder) juvenile and adult; *Pomatomus saltatrix* (blue fish) juvenile and adult; *Paralichthys dentatus* (summer flounder) juvenile and adult; and 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 effect EFH or the species of concern by loss of spawning, nursery, forage and/or shelter habitat. The Baltimore District has determined that the adverse effects of this project 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 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 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.

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 Standards and Certification Division Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, US Army Corps of Engineers, Baltimore District, PO Box 1715, Baltimore, Maryland 21203-1715, 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.

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 Coastal Zone Division, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland, 21230-1708, within the comment period as specified above. It should be noted that CZ Division 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.

A preliminary review of this application indicates that the proposed work will not affect listed 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.

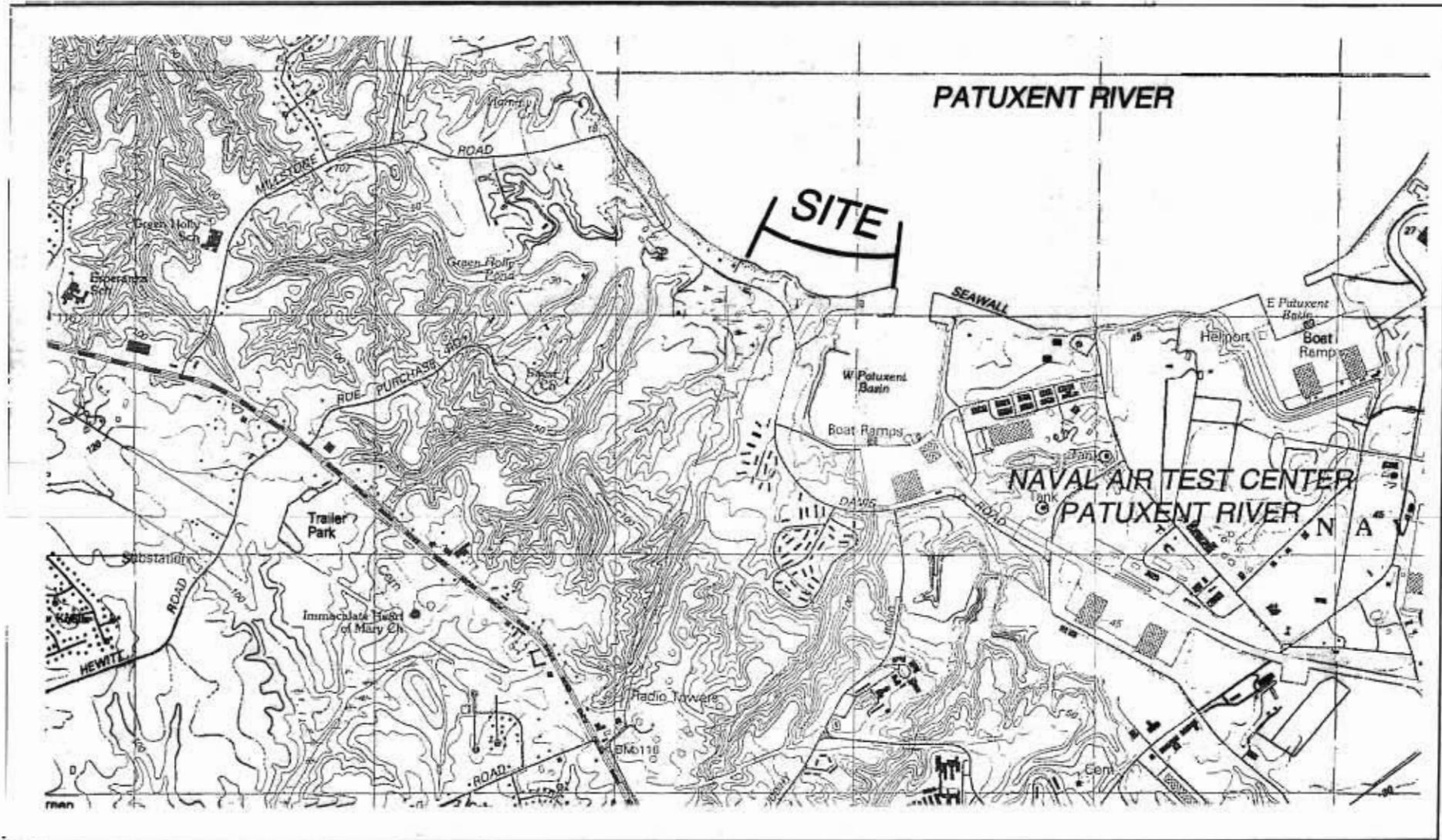
Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion therein are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the 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 request, which must be in writing, must be received by the District Engineer, US Army Corps of Engineers, Baltimore District, PO Box 1715, Baltimore, Maryland 21203-1715, within the comment period as specified as above to receive consideration. Also, it must clearly state forth the interest which may be adversely affected by this activity in 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:


Walter Washington, Jr.
Chief, Maryland Section Southern



ADJACENT PROPERTY OWNERS:

**SHORE EROSION CONTROL PROJECT
LOCATION MAP**

APPLICATION BY:
NAVAL AIR STATION
PATUXENT RIVER


P.O. BOX 157
ACHILLES, VIRGINIA 23001
(804) 642-2158

**AT: NAVAL AIR STATION PATUXENT RIVER
GATE 4 - PROJECT #R179-02-P1**

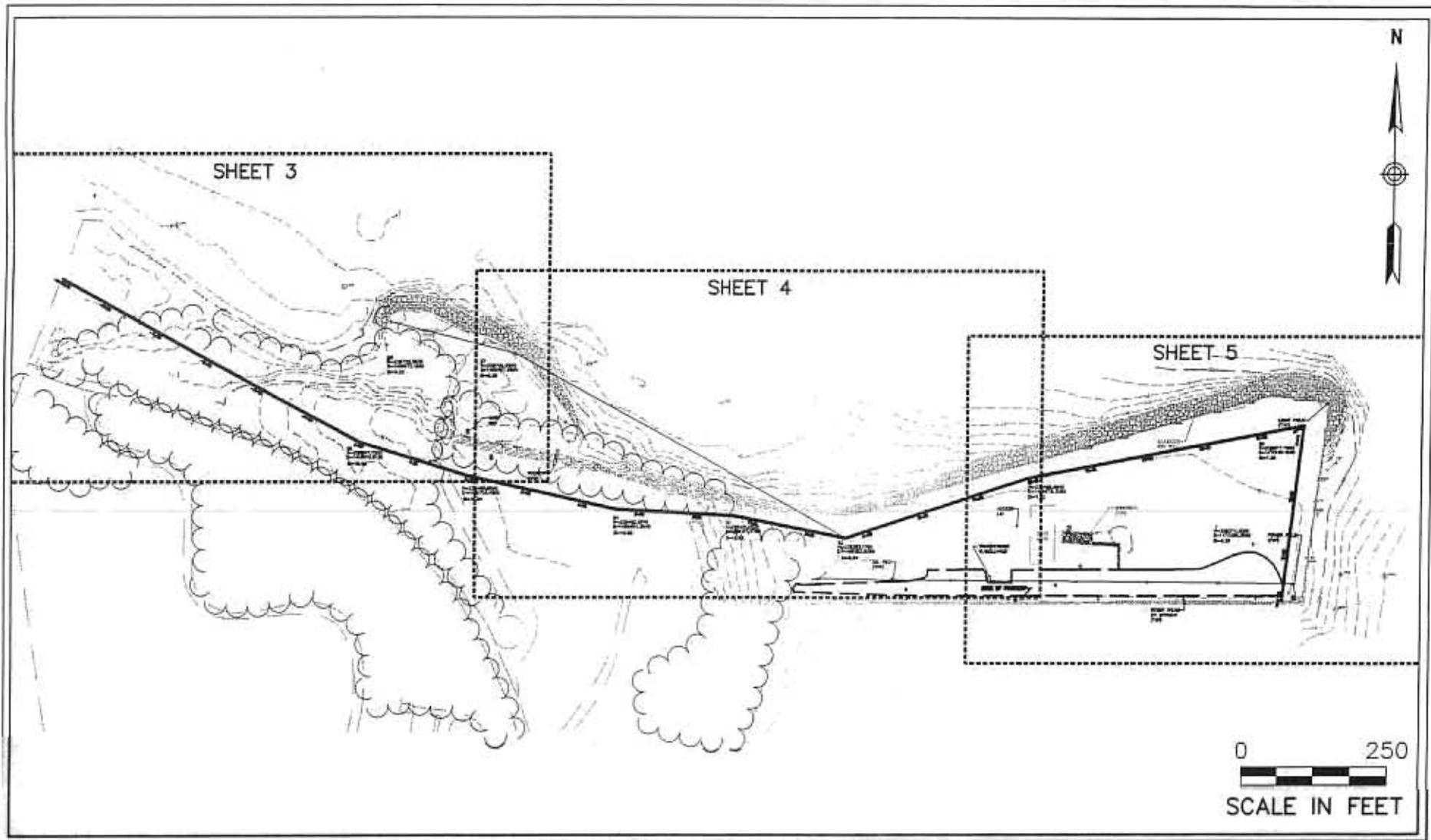
PURPOSE: EROSION CONTROL PROJECT

DATE: October 31, 2003

DATUM: MEAN LOW WATER

IN: ST. MARY'S COUNTY, MARYLAND

SHEET 1 OF 8



COASTLINE DESIGN, P.C.

P.O. BOX 157
 ACHILLES, VIRGINIA 23001
 (804) 642-2158

ADJACENT PROPERTY OWNERS:

DATUM: MEAN LOW WATER

**SHORE EROSION CONTROL PROJECT
 INDEX SHEET**

AT: NAVAL AIR STATION PATUXENT RIVER
 GATE 4 - PROJECT #R179-02-P1

IN: ST. MARY'S COUNTY, MARYLAND

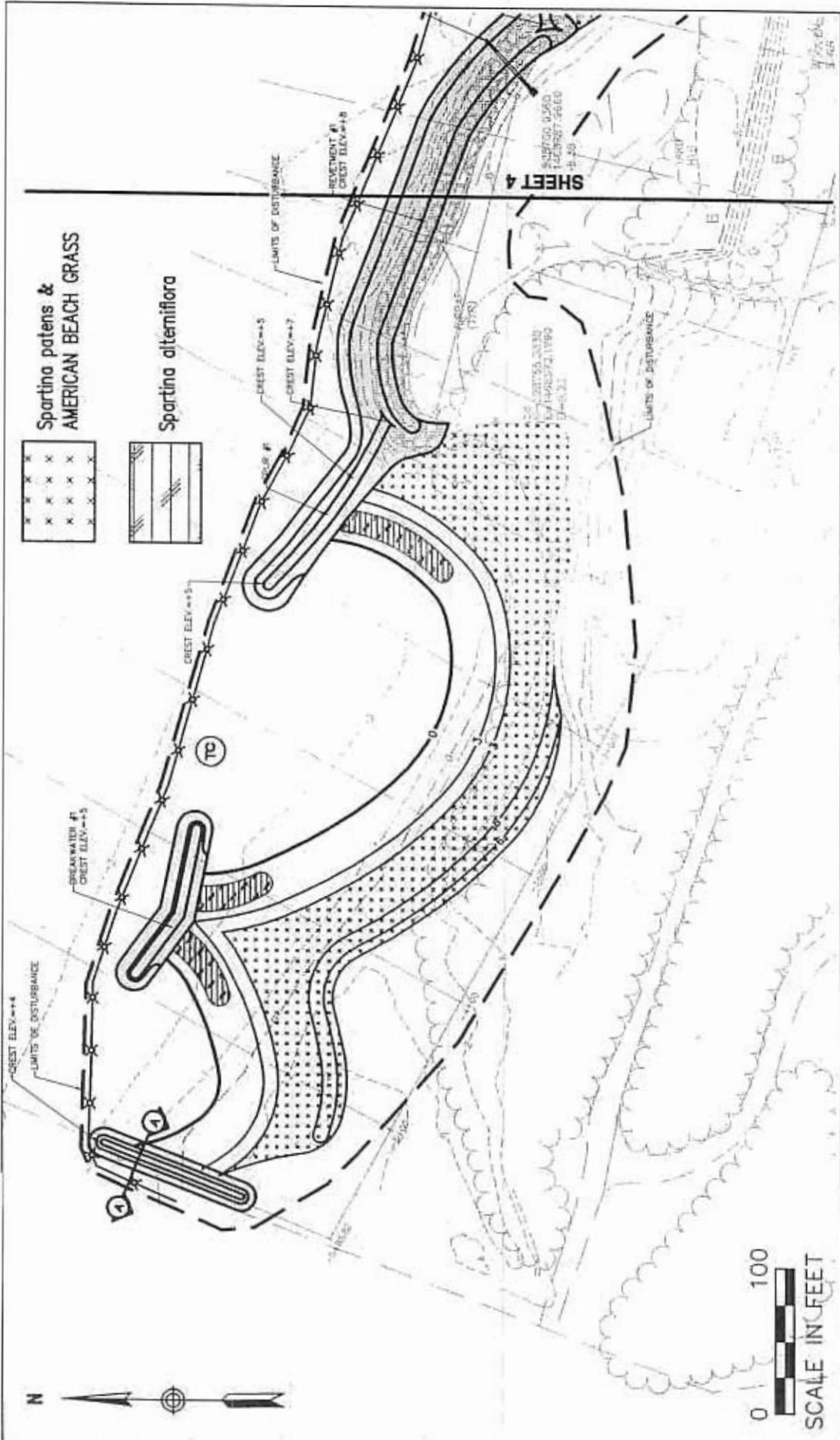
PURPOSE: EROSION CONTROL PROJECT

APPLICATION BY:
 NAVAL AIR STATION
 PATUXENT RIVER

DATE: October 31, 2003

SHEET 2 OF 6

3144: GATE 4 JPA



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ADJACENT PROPERTY OWNERS:
 DATUM: MEAN LOW WATER

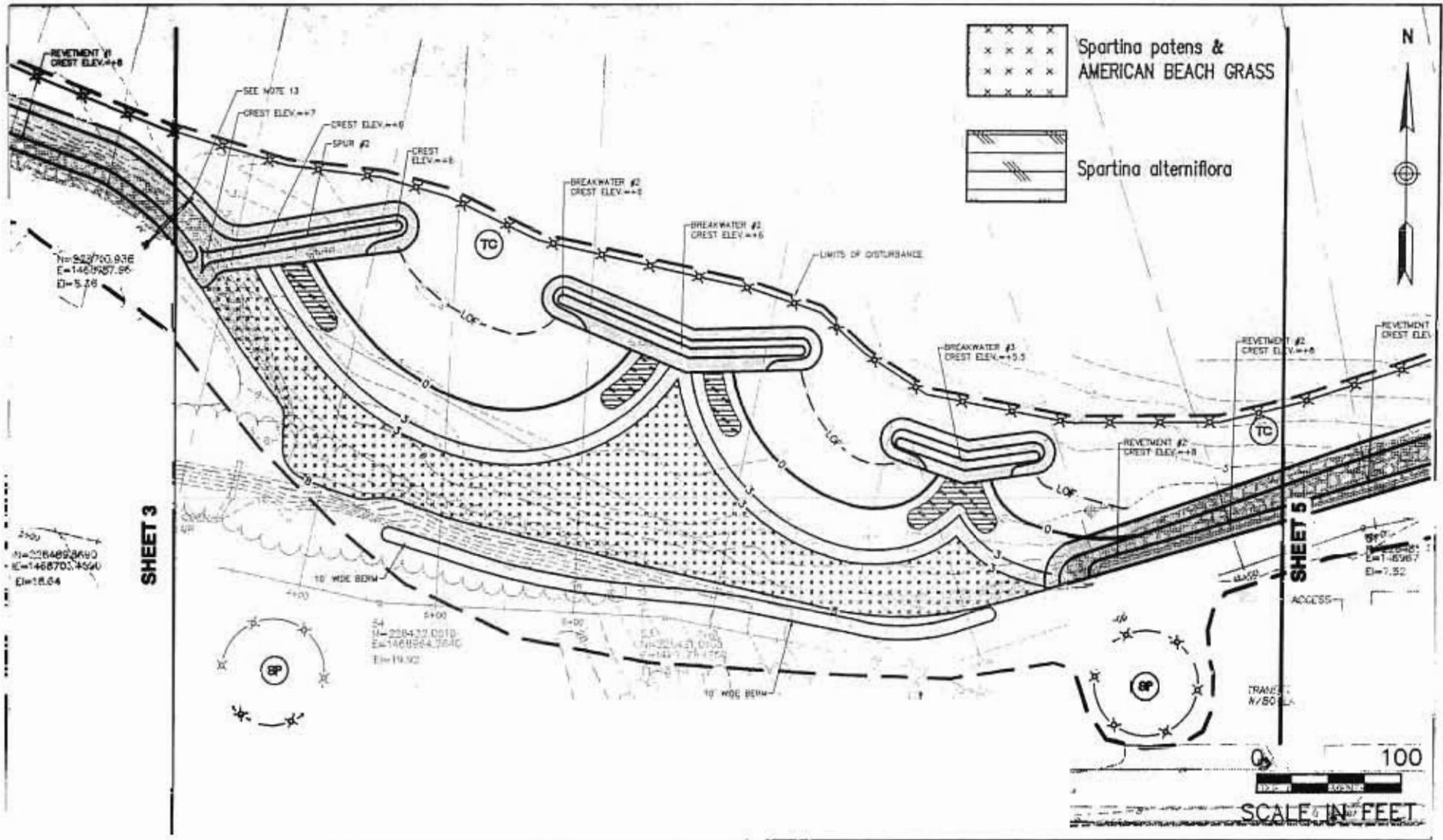
AT: NAVAL AIR STATION PATUXENT RIVER
 GATE 4 - PROJECT #R179-02-P1
 IN: ST. MARY'S COUNTY, MARYLAND

PURPOSE: EROSION CONTROL PROJECT

APPLICATION BY:
 NAVAL AIR STATION
 PATUXENT RIVER
 DATE: October 31, 2003
 SHEET 3 OF 8

**SHORE EROSION CONTROL PROJECT
 PROPOSED LAYOUT**

\$1441 GATE 4 JPA



COASTLINE DESIGN, P.C.

ADJACENT PROPERTY OWNERS:

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(804) 642-2158

DATUM: MEAN LOW WATER

**SHORE EROSION CONTROL PROJECT
PROPOSED LAYOUT**

**AT: NAVAL AIR STATION PATUXENT RIVER
GATE 4 - PROJECT #R179-02-P1
IN: ST. MARY'S COUNTY, MARYLAND**

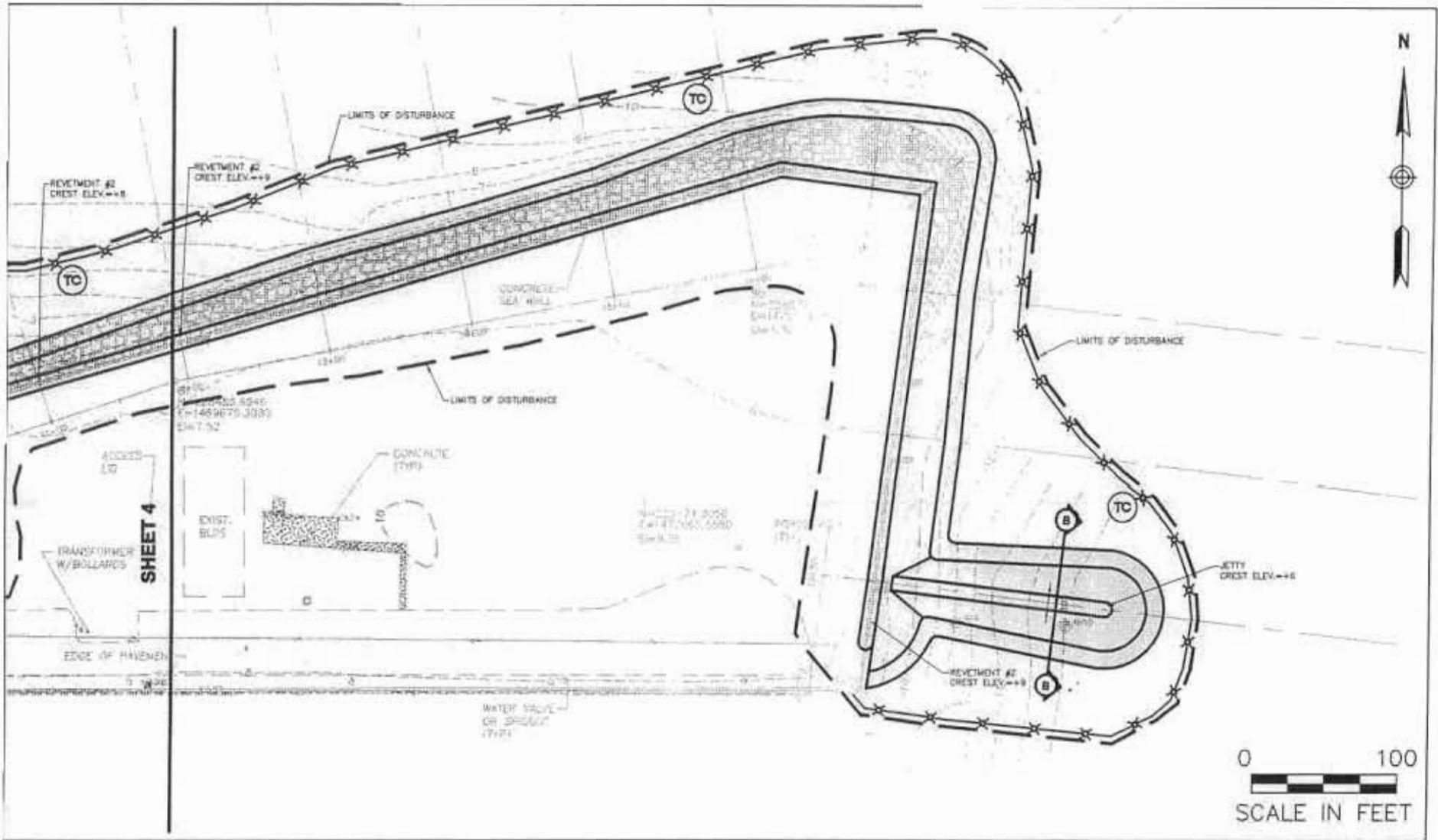
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**APPLICATION BY:
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DATE: October 31, 2003

SHEET 4 OF 8

91441 GATE 4 JPA



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ADJACENT PROPERTY OWNERS:

DATUM: MEAN LOW WATER

**SHORE EROSION CONTROL PROJECT
 PROPOSED LAYOUT**

**AT: NAVAL AIR STATION PATUXENT RIVER
 GATE 4 - PROJECT #R179-02-P1**

IN: St. MARY'S COUNTY, MARYLAND

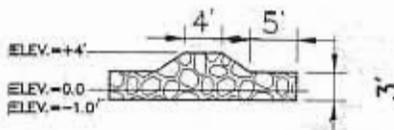
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**APPLICATION BY:
 NAVAL AIR STATION
 PATUXENT RIVER**

DATE: October 31, 2003

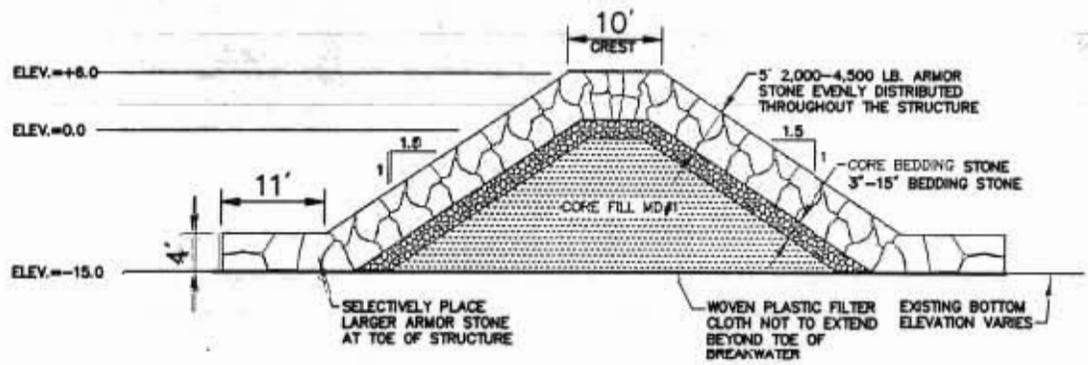
SHEET 5 OF 8

81441 GATE 4 JPA



Cross Section A-A Typical Groin

Scale: 1"=20'



Cross Section B-B Typical Jetty

Scale: 1"=20'

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ADJACENT PROPERTY OWNERS:

 DATUM: MEAN LOW WATER

**SHORE EROSION CONTROL PROJECT
 SECTIONS**

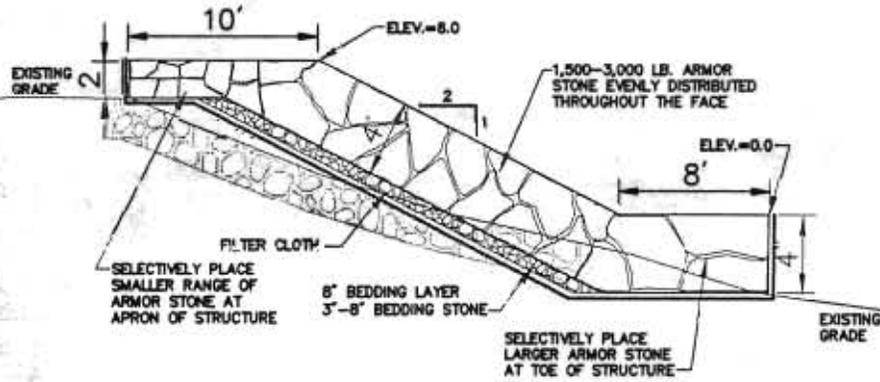
AT: NAVAL AIR STATION PATUXENT RIVER
 GATE 4 - PROJECT #R179-02-P1
 IN: ST. MARY'S COUNTY, MARYLAND

PURPOSE: EROSION CONTROL PROJECT

APPLICATION BY:
 NAVAL AIR STATION
 PATUXENT RIVER

DATE: October 31, 2003

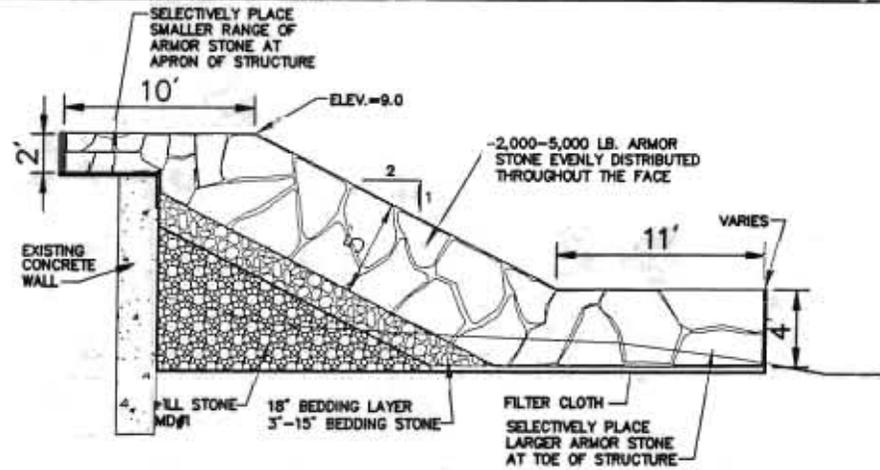
SHEET 6 OF 8



Typical Revetment Detail #1

Scale: 1"=10'

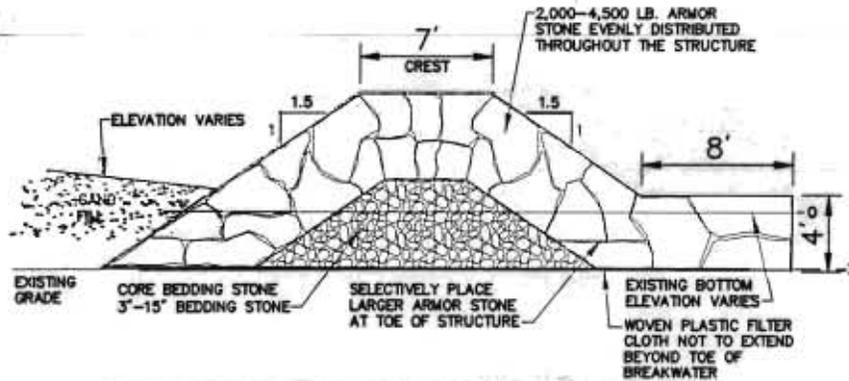
Source: VHB



Typical Revetment Detail #2

Scale: 1"=10'

Source: VHB



Typical Breakwater/Spur Detail

Scale: 1"=10'

Source: VHB

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P.O. BOX 157
ACHILLES, VIRGINIA 23001
(804) 642-2158

ADJACENT PROPERTY OWNERS:

DATUM: MEAN LOW WATER

SHORE EROSION CONTROL PROJECT
TYPICAL SECTIONS

AT: NAVAL AIR STATION PATUXENT RIVER
GATE 4 - PROJECT #R179-02-P1

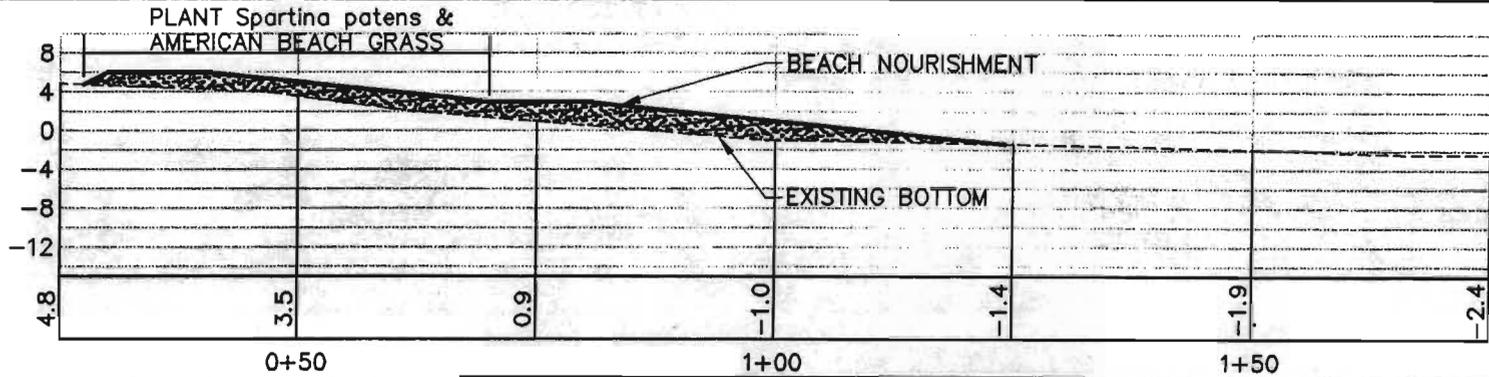
IN: ST. MARY'S COUNTY, MARYLAND

PURPOSE: EROSION CONTROL PROJECT

APPLICATION BY:
NAVAL AIR STATION
PATUXENT RIVER

DATE: October 31, 2003

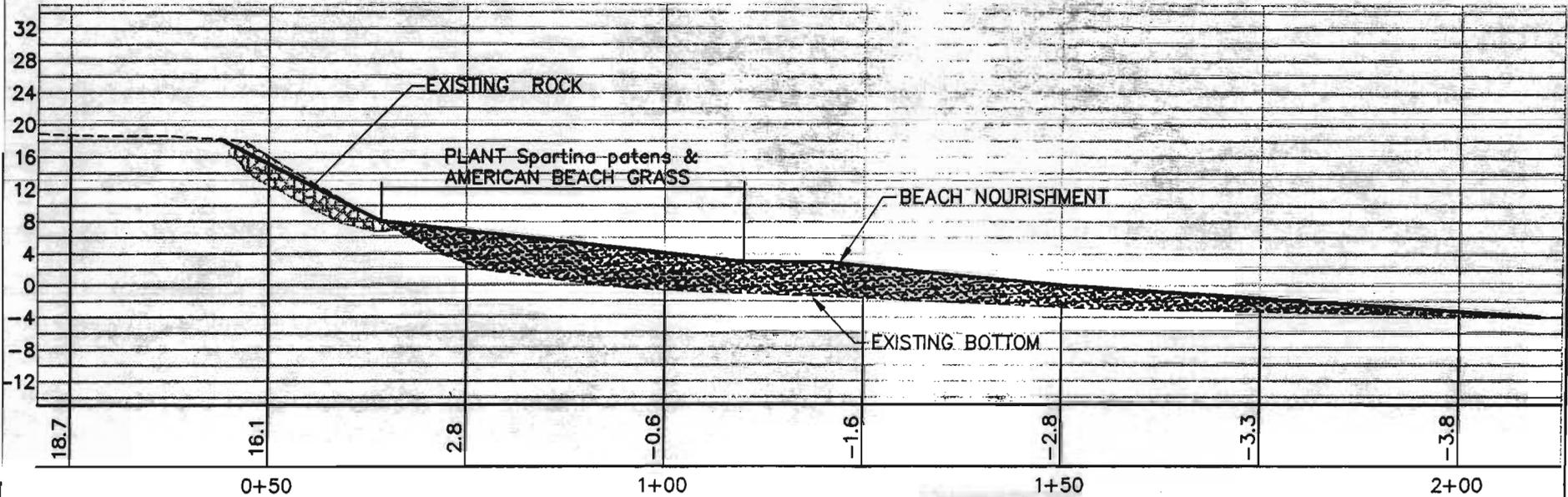
SHEET 7 OF 8



Typical Bay Beach (Sheet 3)

Scale: 1"=20'

Source: W&B



Typical Bay Beach (Sheet 4)

Scale: 1"=20'

Source: W&B

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ADJACENT PROPERTY OWNERS:

DATUM: MEAN LOW WATER

**SHORE EROSION CONTROL PROJECT
TYPICAL BAY BEACH SECTIONS**

AT: NAVAL AIR STATION PATUXENT RIVER
GATE 4 - PROJECT #R179-02-P1

IN: ST. MARY'S COUNTY, MARYLAND

PURPOSE: EROSION CONTROL PROJECT

APPLICATION BY:
NAVAL AIR STATION
PATUXENT RIVER

DATE: October 31, 2003

SHEET 8 OF 8