



MODIFICATION

PUBLIC NOTICE

US Army
Corps
of Engineers
Baltimore
District

In Reply to Application Number
CENAB-OP-RMS(MD DNR/CHESAPEAKE BAY
ENVIRONMENTAL CENTER/formerly
HORSEHEAD WETLANDS CENTER)01-65334-7

Comment Period: July 27, 2004 to August 17, 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: MD Department of Natural Resources
Attn: Mr. Kevin Smith
Watershed Restoration Division
Tawes State Office Building E-2
Annapolis, Maryland 21401

LOCATION: In Prospect Bay and Cabin Creek at the Chesapeake Bay Environmental Center (formerly Horsehead Wetlands Center) near Grasonville, Queen Annes County, Maryland.

WORK: The applicant proposes to place a 12 inch thickness of 4 to 8 inch stone with a veneer of oyster shells and spat of Crassostrea virginica (Eastern oyster) over a 5 acre area not to exceed a maximum of 1,150 feet channelward of the approximate mean high water shoreline; and to place 120, 3 foot diameter x 2 foot tall concrete reef balls over another 2 acre area not to exceed a maximum of 900 feet channelward of the approximate mean high water shoreline. Existing water depths in the area range from 4 to 6 feet deep at mean low water. The purpose of the work is to improve and enhance oyster and fisheries habitat. All work is to be completed in accordance with the enclosed plan(s). If you have any questions concerning this matter, please contact Mrs. Maria Lasek at (410) 962-4501.

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 Scophthalmus aquosus (windowpane flounder) juvenile and adult; Pomatomus saltatrix (bluefish) juvenile and adult; Peprilus triacanthus (Atlantic butterfish) eggs, larvae, juvenile and adult; Paralichthys dentatus (summer flounder) larvae, juvenile and adult; Centropristus striata (black sea bass) juvenile and adult; and eggs, larvae, juvenile and adult stages of Scomberomorus cavalla (king mackerel), Scomberomorus maculatus (Spanish mackerel), Rachycentron canadum (cobia), and Sciaenops ocellatus (red drum), managed species under MSFCMA. The project has the potential to adversely effect EFH on 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, Building 30, First Floor, 2500 Broening Highway, Baltimore, Maryland 21224 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, 2500 Broening Highway, Baltimore, Maryland, 21224, 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.

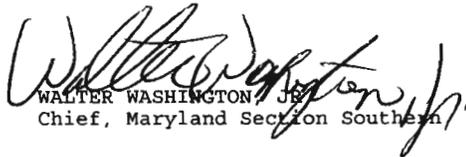
A preliminary review of this application indicates that the proposed work will not affect listed species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

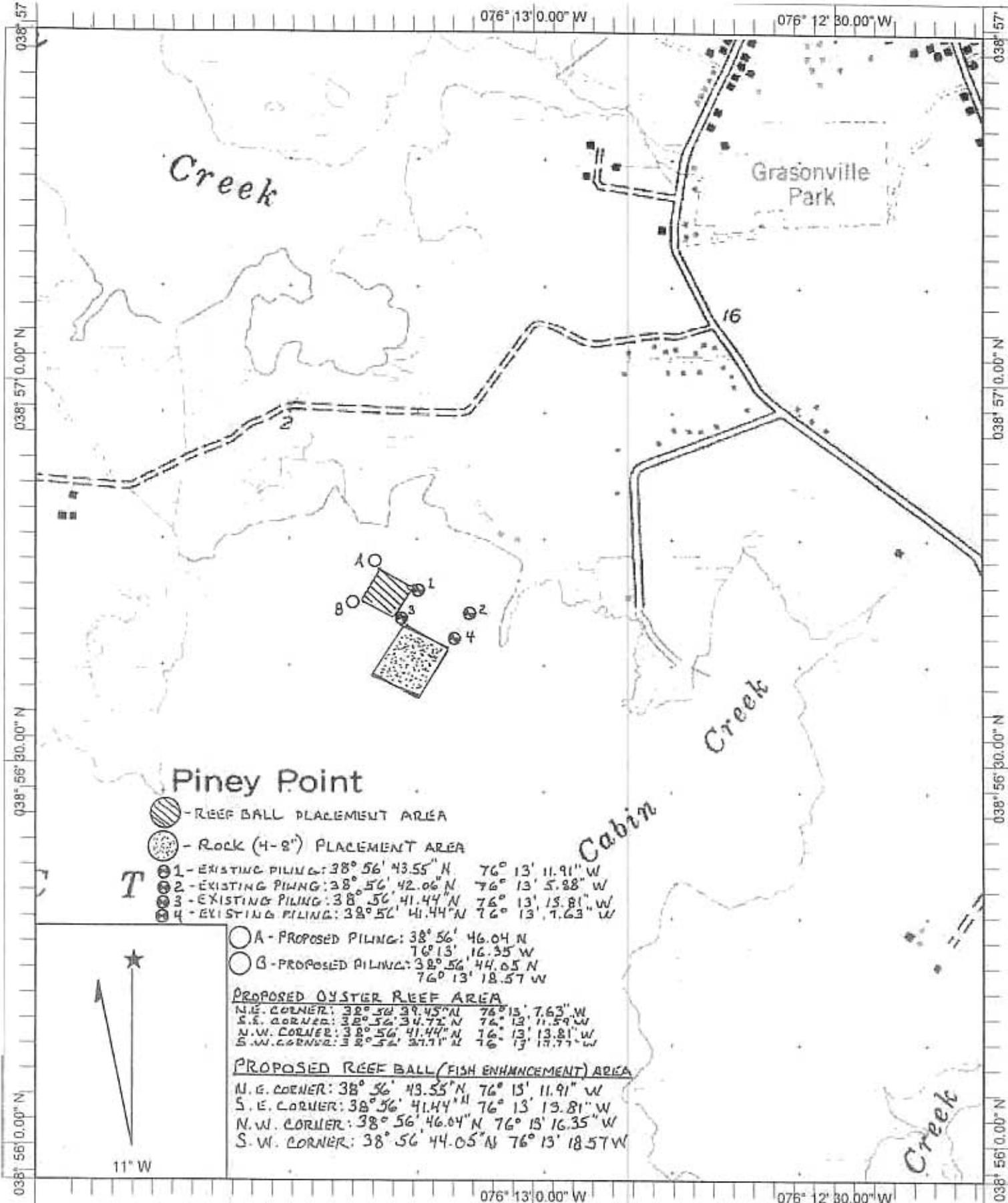
Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion therein are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or 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:

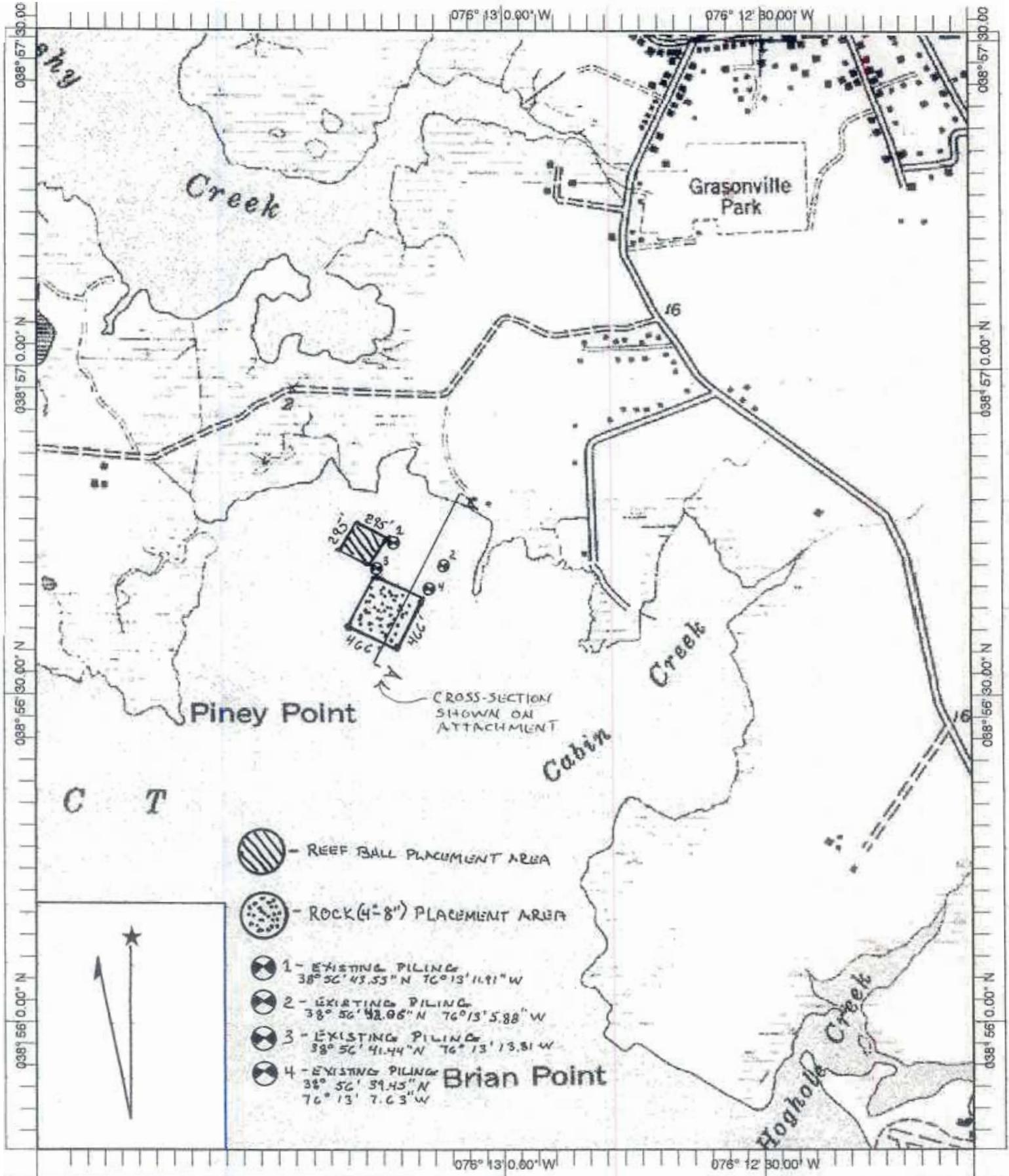

WALTER WASHINGTON, JR.
Chief, Maryland Section Southern



Name: QUEENSTOWN
 Date: 7/7/2004
 Scale: 1 inch equals 1000 feet

Location: 038° 56' 42.4" N 076° 13' 02.3" W
 Caption: Existing/Proposed Oyster Reef Locations

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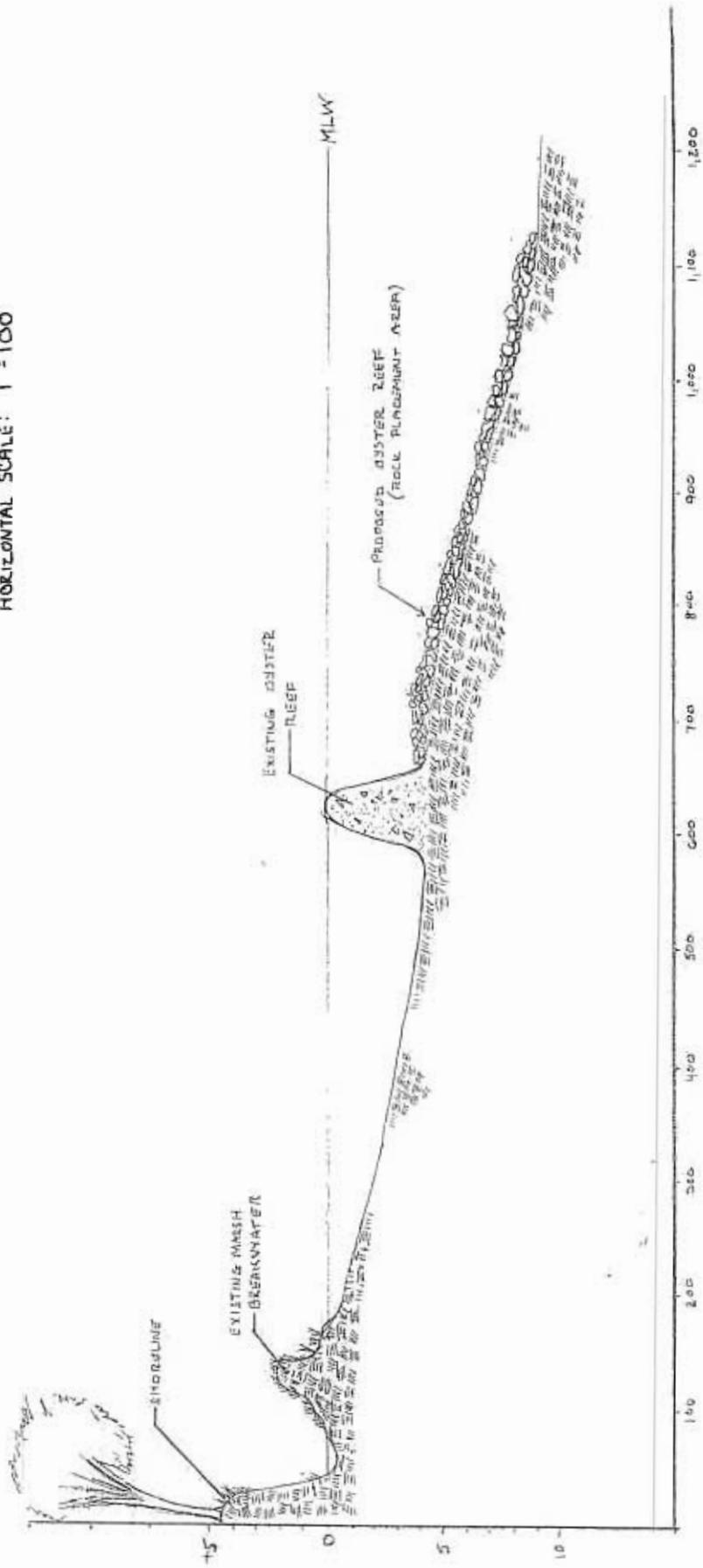
Name: QUEENSTOWN
 Date: 5/13/2004
 Scale: 1 inch equals 1142 feet

Location: 038° 56' 39.6" N 076° 13' 00.0" W
 Caption: Existing/Proposed Oyster Reef Locations

CROSS-SECTION A SHOWING EXISTING AND PROPOSED OYSTER REEFS

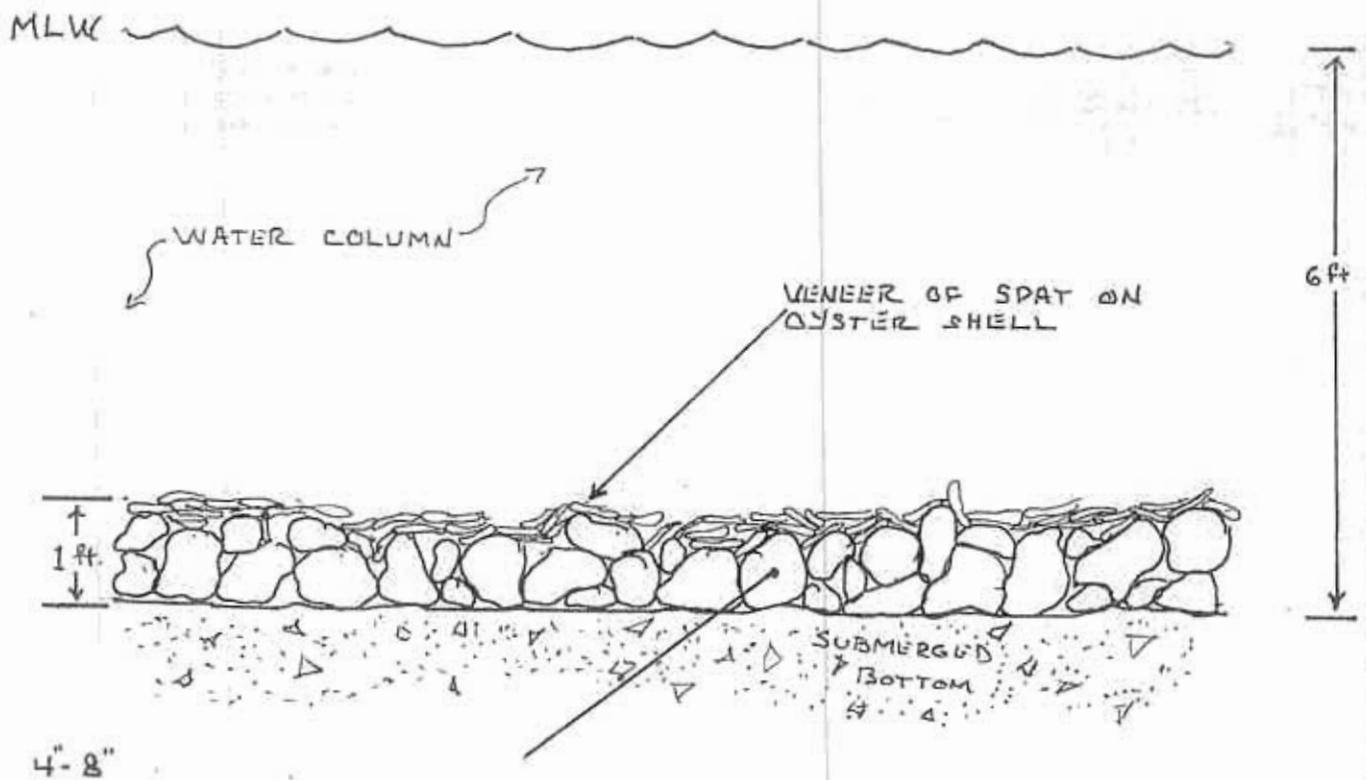
VERTICAL SCALE: 1" = 2'

HORIZONTAL SCALE: 1" = 100'



TYPICAL CROSS-SECTION

SCALE: 1" = 2'



- 5 ACRE

FILL (AT 1 FT. THICKNESS) = 8066 yds³

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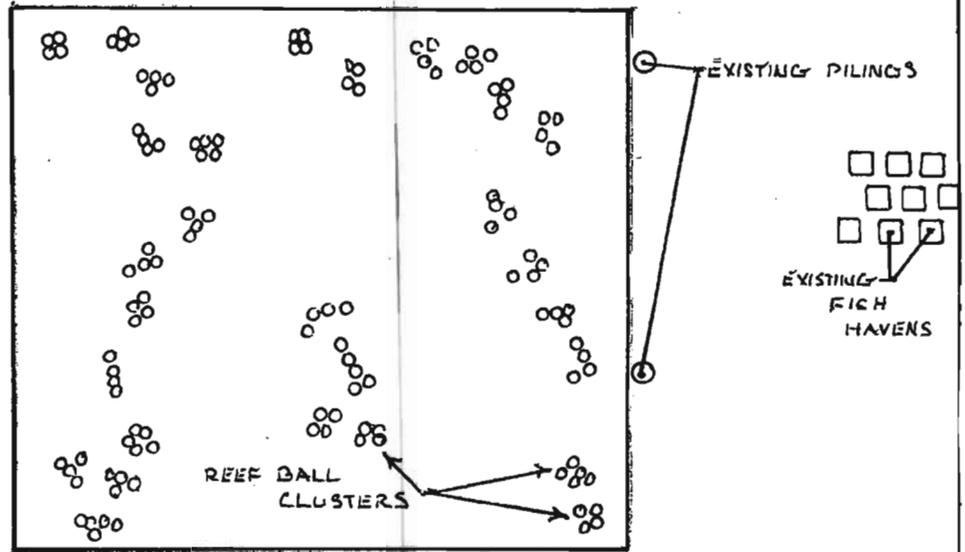
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OYSTER & FISH HABITAT ENHANCEMENT PROJ. AT CHESAPEAKE BAY ENVIRONMENTAL CENTER	
CROSS-SECTION AND SHELL PLACEMENT	DRAWN BY: KMS DATE: 4/2/04

PLAN VIEW OF 2-ACRE REEF BALL PLACEMENT AREA

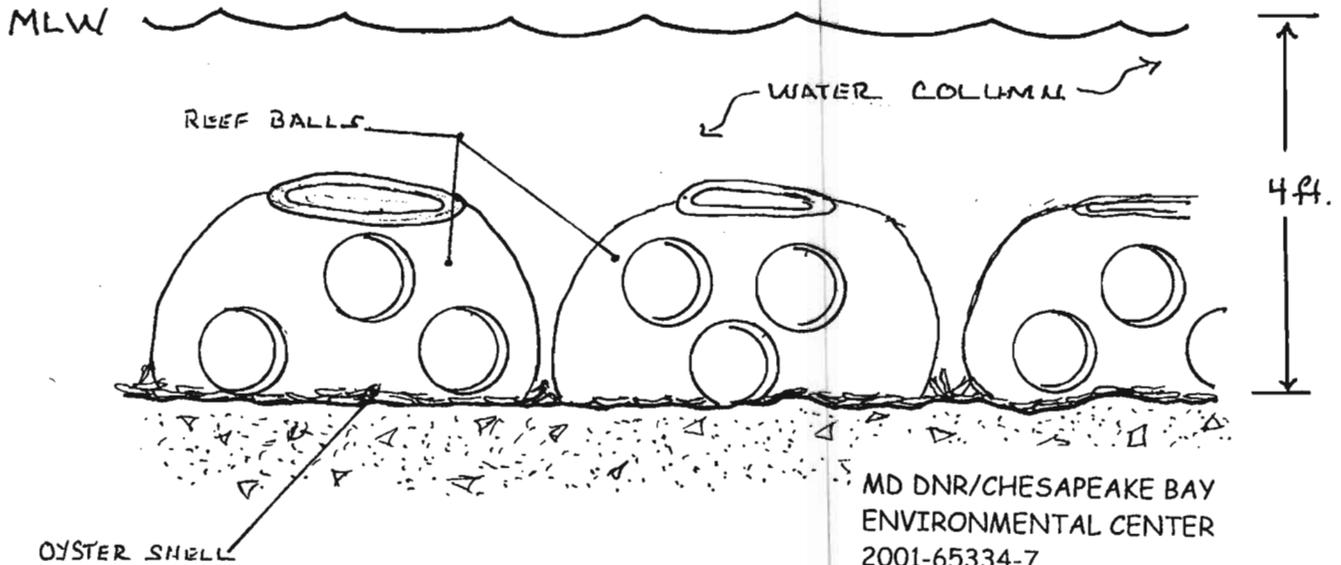
APPROX SCALE: 1" = 100'

- PLACEMENT OF 120 REEF BALLS IN CLUSTERS OF 4 AND 5 OVER 2 AC. AREA
- REEF BALL MAXIMUM DIAMETER = 3 ft. MAXIMUM HEIGHT = 2 ft.
- REEF BALLS WILL BE PLACED IN WATER THAT IS 4-6 ft. DEEP (MLW)
- SQUARE FEET OF AREA COVERED BY REEF BALLS = 848 SQ. FT.



TYPICAL REEF BALL CROSS-SECTION

SCALE: 1" = 2'



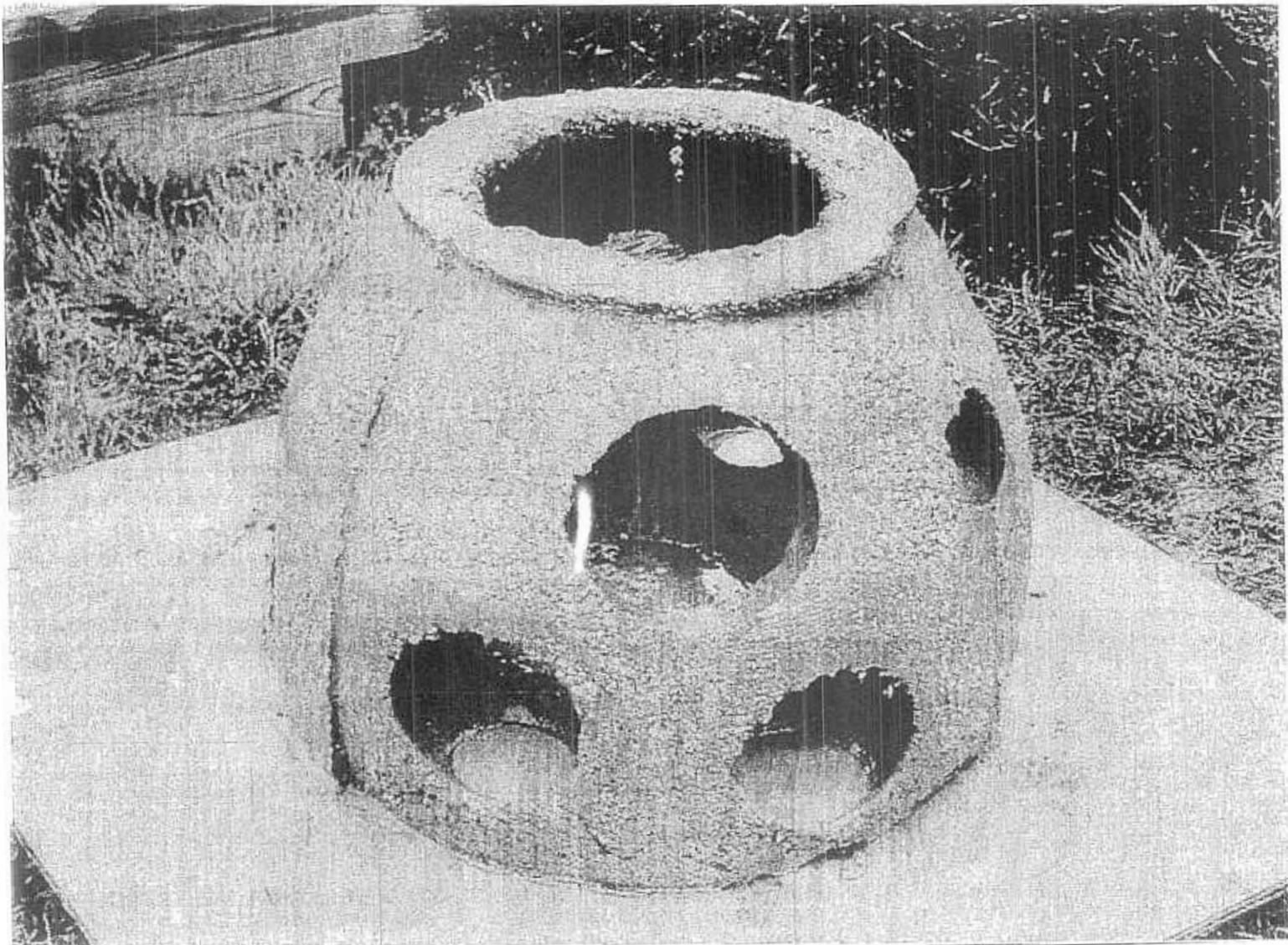
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OYSTER & FISH HABITAT ENHANCEMENT PROJ. AT CHESAPEAKE BAY ENVIRONMENTAL CENTER	
PLAN VIEW & CROSS-SECTION OF REEF BALL PLACEMENT AREA	DRAWN BY: KMS DATE: 4/2/04

REEF BALL

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VICINITY MAP

