

**JOINT**  
**PUBLIC NOTICE**

CHARLESTON DISTRICT, CORPS OF ENGINEERS  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107  
and the

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
1362 McMillan Avenue, Suite 400  
Charleston, South Carolina 29405

REGULATORY DIVISION  
Refer to: P/N # 2003-1N-328-P

21 November 2003

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et seq.) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**MR. JIM JORDAN**  
**TOWN OF KIAWAH ISLAND**  
**21 BEACHWALKER DRIVE**  
**KIAWAH ISLAND, SOUTH CAROLINA 29445**

for a permit to excavate and place fill material in waters of the United States in an

**UNNAMED TIDAL CHANNEL**

at the eastern end of Kiawah Island near the mouth of the Stono River in Charleston County, South Carolina (Latitude – 34.19562 N, Longitude – 79.83815 W).

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

**12 O'CLOCK NOON, MONDAY, 22 DECEMBER 2003**

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of the construction of a 322-foot long by 75-foot wide earthen berm (Dike A) and the excavation of an open water channel to divert the flow of water within an existing tidal channel. In addition, the applicant plans to construct three small earthen berms (Dikes B, C, and D) that total approximately 150 feet long and 34 feet wide. As shown on drawing sheet 3 of 6, the proposed earthen berms will connect sand dunes, which are located above the high tide line and are outside the jurisdiction of the Corps of Engineers.

The mouth of the existing tidal channel is located in front of the beach on the south side of Kiawah Island. The southern edge of this channel is an approximately 4,000-foot long finger of sand that has been deposited on the southeastern end of the island over the past 10 years. Although new sand continues to be deposited along this finger of sand, the flow of water

associated with the tidal channel carries new sand offshore before it can be deposited on the downdrift beach. According to the applicant, the two miles of downdrift beach have experienced approximately 60-80 feet of erosion over the past three years.

Constructing the proposed earthen berms will limit the quantity of water that passes between the existing finger of sand and the beach during the tidal cycle. According to the applicant, this should enable the finger of sand to connect to the beach, and will allow new sand to be deposited on the downdrift beach. Once the earthen berms have been constructed, the applicant plans to excavate a former tidal channel that previously connected the remainder of this tidal system to the Stono River. In order to allow for tidal exchange, the blocked portions of this former channel will be excavated to the depth of Mean Low Water. According to the applicant, the purpose of the proposed work is to facilitate beach renourishment.

**NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the**

**U.S. Army Corps of Engineers  
ATTN: REGULATORY DIVISION  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 0.67 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the District Engineer has consulted the most recently available information and has determined that the loggerhead sea turtle (*Caretta caretta*) a Federally threatened species is present in the vicinity of the project. However, it has been determined that the project will have no effect on this species and will not result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

21 November 2003

The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National Register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

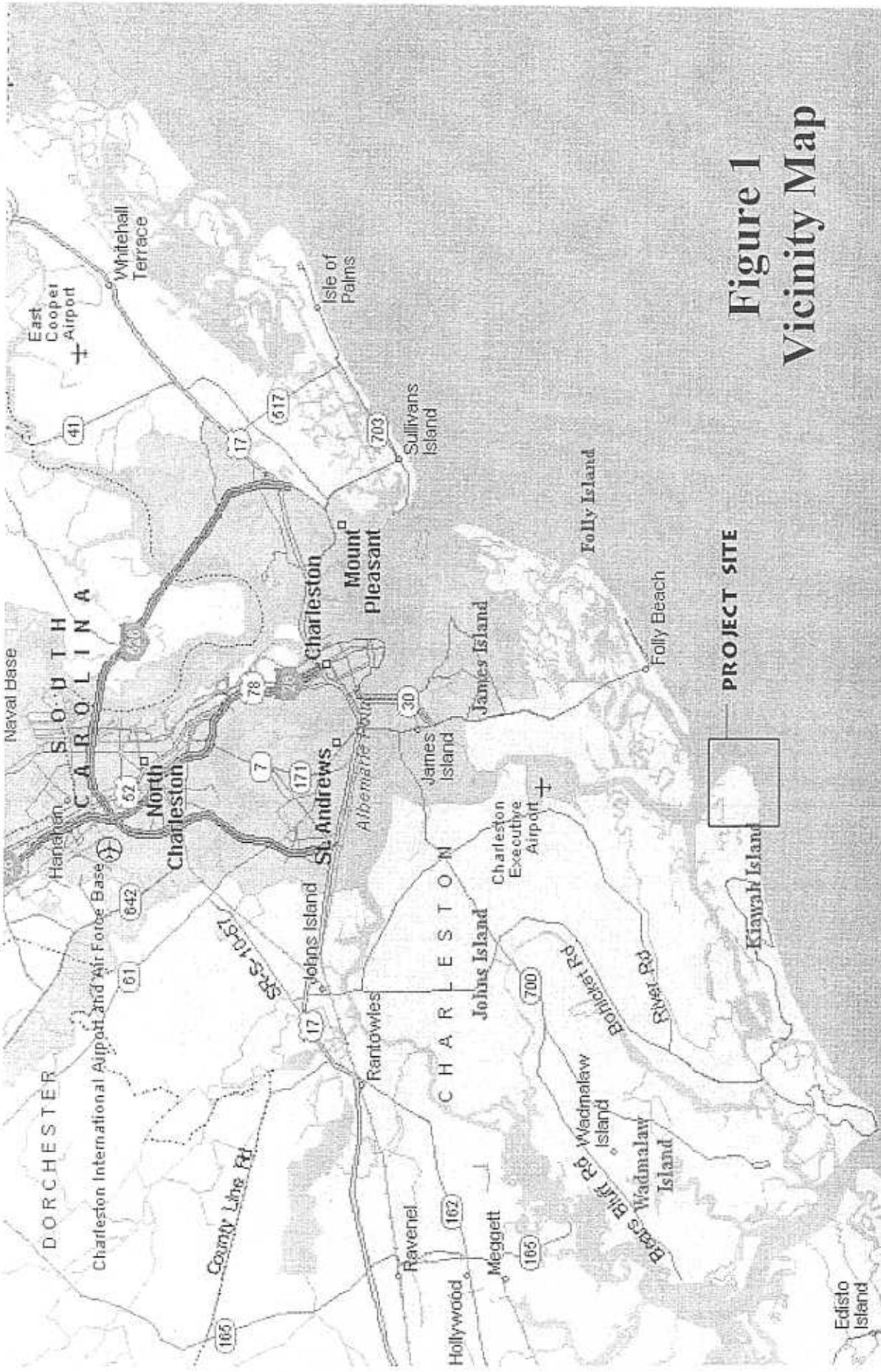
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. 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 project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, 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. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

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 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 project. 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 activity.

If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.



Nathaniel I. Ball  
Project Manager  
Regulatory Division  
U.S. Army Corps of Engineers



# Figure 1 Vicinity Map

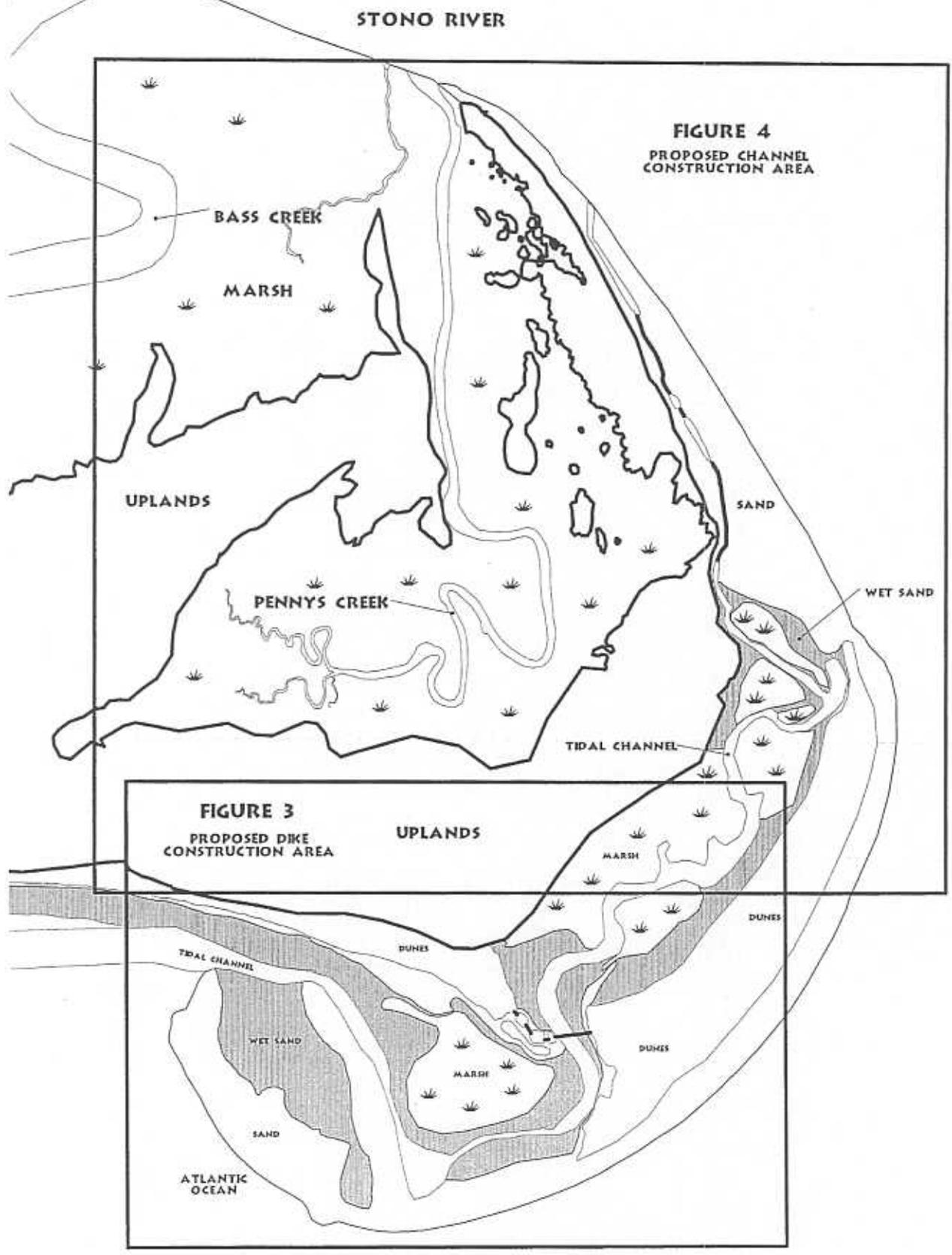
<b>Project Title:</b> Kiawah Island East End Project	
<b>Project Location:</b> Eastern End of Kiawah Island Charleston County, SC    Latitude: 32° 61'    Longitude: 79° 98'	
<b>Applicant:</b> Town of Kiawah Island c/o Jim Jordan	
<b>Date:</b> 10-15-03	<b>Scale:</b> See Map
<b>Application #</b>	
<b>Sheet:</b> 1 of 6	

A t l a n t i c  
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Date	Initials
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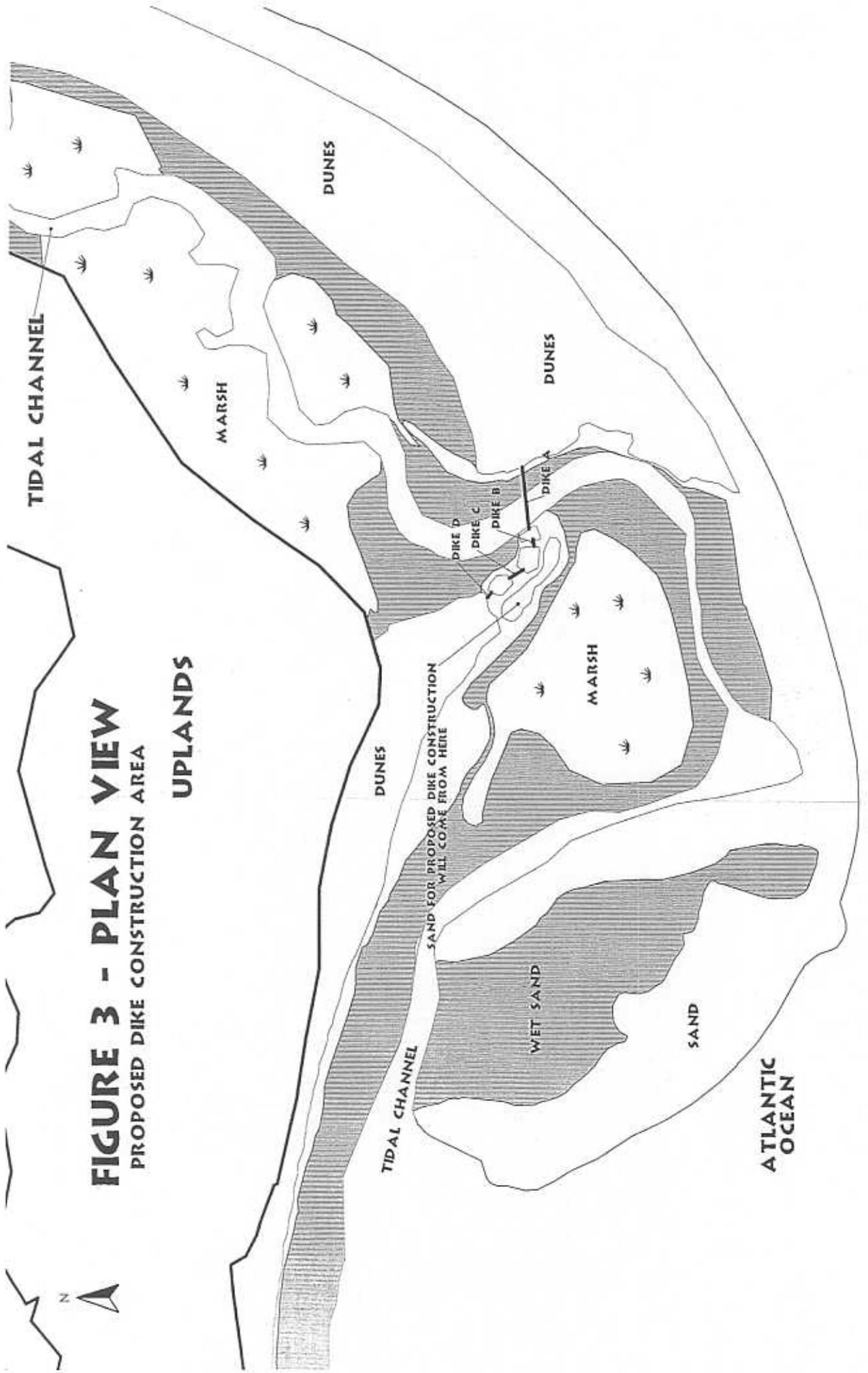
# FIGURE 2 - OVERALL PLAN VIEW



**FIGURE 3**  
PROPOSED DIKE  
CONSTRUCTION AREA

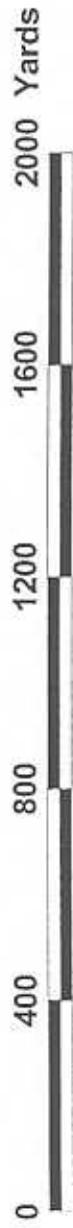
**FIGURE 4**  
PROPOSED CHANNEL  
CONSTRUCTION AREA

0      500      1000      1500 Yards

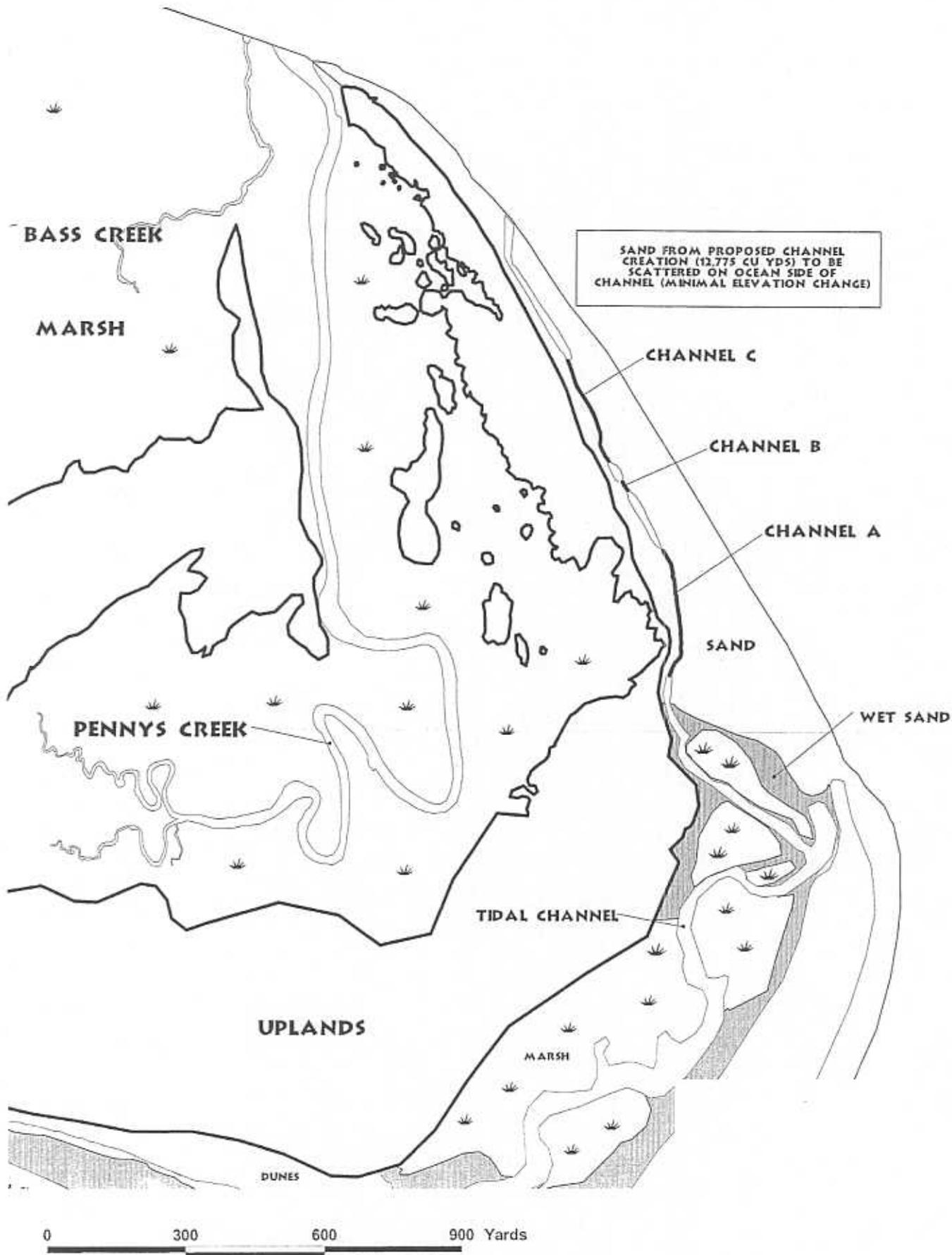


**FIGURE 3 - PLAN VIEW**  
 PROPOSED DIKE CONSTRUCTION AREA

**UPLANDS**

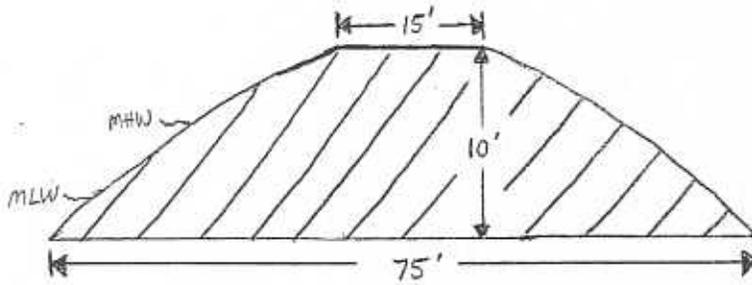


**FIGURE 4**  
**PROPOSED CHANNEL CONSTRUCTION AREA**



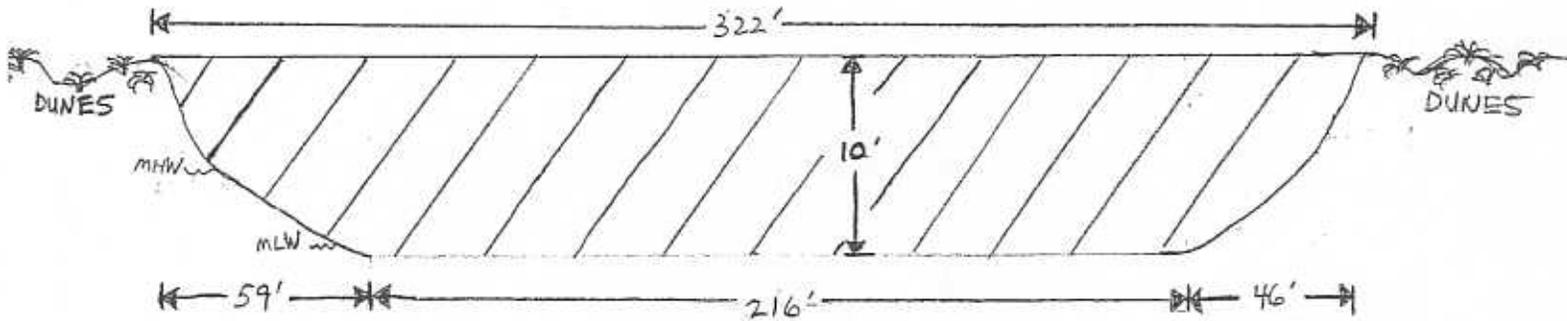
# FIGURE 5 DIKE A CROSS SECTIONS

**TYPICAL CROSS SECTION THROUGH DIKE A**



**SCALE: 1" = 10' VERTICAL**  
**1" = 20' HORIZONTAL**

**LONGITUDINAL CROSS SECTION THROUGH DIKE A**



**SCALE: 1" = 10' VERTICAL**  
**1" = 50' HORIZONTAL**

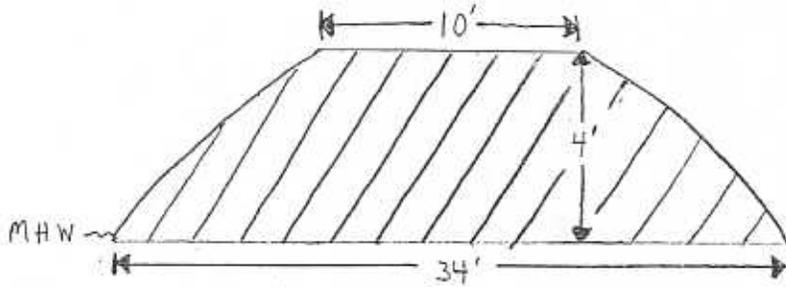
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<b>Date:</b> 10-15-03	<b>Scale:</b> See Map
<b>Application #</b>	
<b>Sheet:</b> 5 of 6	

Date Initials:

# FIGURE 6

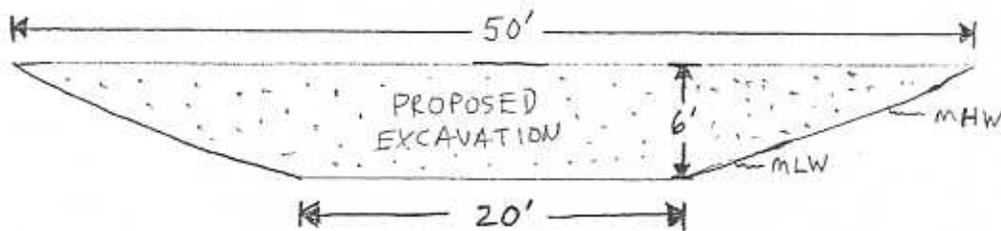
## ADDITIONAL CROSS SECTIONS

**TYPICAL CROSS SECTION THROUGH DIKE B, C, D**



<b>SCALE: 1" = 4' VERTICAL</b> <b>1" = 10' HORIZONTAL</b>
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**TYPICAL CROSS SECTION THROUGH CHANNEL A, B, C**



<b>SCALE: 1" = 10'</b>
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<b>Sheet:</b> 6 of 6	

Date, Initials