

REVISED 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

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REGULATORY DIVISION

Refer to: P/N #2004-1W-319-P(REVISED)

1 APRIL 2005

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

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**TOWN OF HILTON HEAD ISLAND**  
c/o OLSEN ASSOCIATES, INC.  
4438 HERSCHEL STREET  
JACKSONVILLE, FLORIDA 32210

for a permit to perform beach nourishment at **four** locations and to extend the length of a groin along the shoreline of the

ATLANTIC OCEAN, CALIBOGUE SOUND AND PORT ROYAL SOUND

at **four** locations: 1) along 29,000 feet of the Atlantic Shoreline between the existing terminal groin at The Folly, the tidal creek between Singleton Beach and Bradley Beach, and Alder Lane in South Forest Beach (Latitude 32.1519°, Longitude 80.7287°), 2) along 1,500 feet of the Atlantic Ocean/Calibogue Sound shoreline at South Beach (Latitude 32.1092°, Longitude 80.8263°), 3) **along an additional 8,500 feet of shoreline located from the Folly north to Donax Road (Latitude 32.2074°, Longitude 80.6812°) and 4) an additional 7,200 feet of Port Royal Sound between Planters Row and Fish Haul Creek (Latitude 32.2233°, Longitude 80.6691°)** on Hilton Head Island, Beaufort County, South Carolina using sand from two offshore borrow sites: 1) Joiner Shoals, offshore of the northern end of Hilton Head Island (Latitude 32.1613°, Longitude 80.6233°) and 2) Barrett Shoals, offshore of the southern end of Hilton Head Island (Latitude 32.0610°, Longitude 80.8047°).

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, 2 MAY 2005**

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

**PLEASE NOTE:** A project was advertised on October 22, 2004, for the Town of Hilton Head. At that time, the proposed work consisted of the placement of approximately 1.9 million cubic yards of sand along 30,500 feet of the Atlantic Ocean shoreline and the Calibogue Sound shoreline on Hilton Head Island, South Carolina. Approximately 1.8 million cubic yards (+/- 10%) is proposed to be placed along 29,000 feet of the Atlantic Shoreline between the existing terminal groin at The Folly, the tidal creek between Singleton Beach and Bradley Beach, and Alder Lane in South Forest Beach. This reach of shoreline was originally restored in 1990 (PN 87-3T-370-P) and renourished in 1997 (P/N 96-1A-038-P). Approximately 100,000 cubic yards (+/- 10%) will be placed along 1,500 feet of the Atlantic Ocean/Calibogue Sound shoreline at South Beach. This shoreline was originally restored in 1999 (P/N 97-1A-459-P).

The shoreline reaches to be added to the revised application for sand fill placement are located between The Folly and Donax Road (just north of the Westin) along the Atlantic Ocean shoreline and between Planters Row and Fish Haul Creek (see attached Figure 1). These shoreline reaches were not included in the original application (advertised October 22, 2004) for renourishment because of a documented long-term trend of reduced sand volume losses from these shoreline reaches. More recently, however, these shoreline reaches have experienced significant, localized, short-term sand losses associated with fall 2004 and winter 2005 storm season. In an attempt to respond to these emerging needs, these reaches now warrant consideration for inclusion in the next island-wide beach renourishment project. These same shoreline reaches were renourished (Folly to Westin Hotel) and originally restored (Port Royal Sound shoreline) during the 1997 project (P/N 96-1A-038-P). The proposed expanded fill limits therefore do not extend beyond the limits of construction addressed by the 1997 project.

In sum, the extension includes about 15,700 feet of shoreline. Therefore, the revised project will now includes sand placement along about 46,200 feet of shoreline (1,500 feet of Calibogue Sound, 37,500 of Atlantic Ocean, and 7,200 feet of Port Royal Sound). It is estimated that up to 700,000 cubic yards of sand (400,000 cy between the Folly and just north of the Westin and 300,000 cy along the Port Royal Sound shoreline to Fish Haul Creek) will be required along this extended shoreline reaches. This will result in a total estimated beach fill volume for the project of about 2,600,000 cubic yards. The final required fill volume, location, and distribution will be determined immediately prior to project construction and be based upon immediate pre-construction beach condition surveys. Fill placement, however, will be limited to the revised permitted project limits.

The total project fill berm footprint seaward of the mean high water line will increase from an estimated 265 acres to about 420 acres. There will not be an increase in the area of the two (2) offshore borrow sites within which dredging will occur. No wetlands will be impacted by the project.

Sand fill for the proposed project extension will be dredged from the Joiner Shoals borrow area as addressed by the original application. The Joiner Shoals borrow area contains a sufficient volume of beach compatible sand to construct the originally scoped project and this proposed project extension. The proposed Barrett Shoals borrow area will continue to be used for construction of the southern portions of the Atlantic shoreline segment of the overall project.

REGULATORY DIVISION

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1 APRIL 2005

The construction methods described in the original application remain unchanged. There are no proposed modifications to the dredging and/or sand placement methods.

According to the applicant, the purpose of the project, which is a component of the Town of Hilton Head's comprehensive beach management program, is to provide beach restoration along eroding sections of shoreline sufficient to maintain the island's restored protective and recreational beachfront and natural dune system. The project also includes a 25 foot extension of the existing groin located at The Folly as shown on sheet 8 of 8. The purpose of this groin portion of the project, according to the applicant, is to reduce the loss of sand from the adjacent beach into The Folly.

**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 670 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.

The District Engineer has consulted the most recently available information and has determined that the project is likely to adversely affect the loggerhead sea turtle, *Caretta caretta*, and/or is likely to adversely affect designated critical habitat of the piping plover, *Charadrius melodus*. ~~This public notice serves as a request to the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service to initiate formal consultation on these~~

REGULATORY DIVISION

Refer to: P/N #2004-1W-319-P(**REVISED**)

1 APRIL 2005

species and/or critical habitat that may be present in the area which would be affected, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended). Please note that a biological opinion on the loggerhead sea turtle was prepared (FWS Log No. 4-6-98-129) dated March 26, 1998, for the project previously permitted, P/N 97-1A-439-P. The applicant requests that this project modification be incorporated into the current ongoing USFWS Section 7 Consultation and that only one BO be issued for the total project. They continue to request a construction window that is not limited by the sea turtle nesting season. It is noted that the beach fill will not encroach upon the designated piping plover critical habitat at the north tip of the island. Sand placement along the shorelines adjacent to the critical habitat, however, will serve to stabilize and preserve beach conditions along that sensitive area.

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

REGULATORY DIVISION

Refer to: P/N #2004-1W-319-P(**REVISED**)

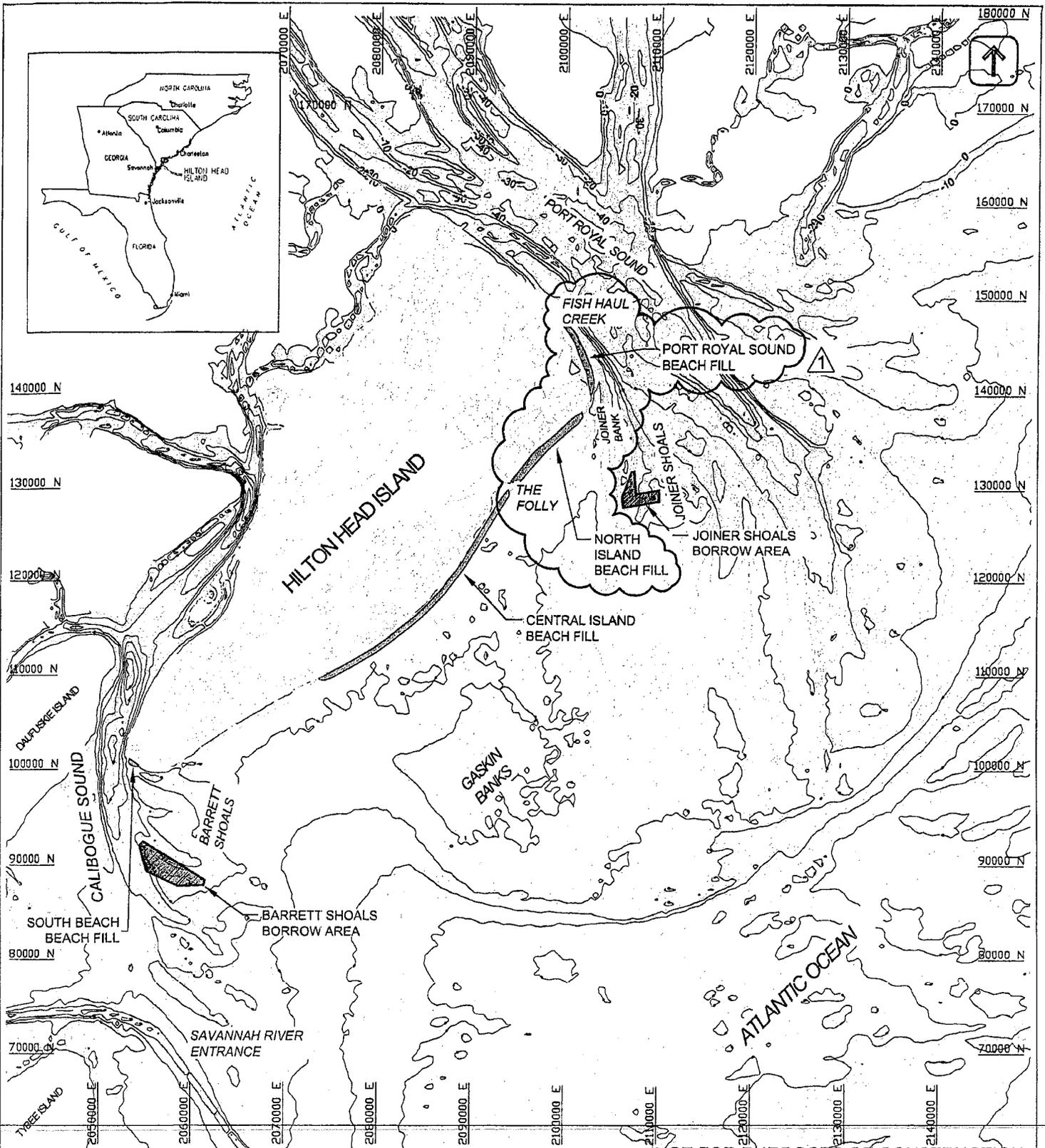
1 APRIL 2005

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.

A handwritten signature in cursive script that reads "Debra W. King".

Debra W. King  
Project Manager  
Regulatory Division  
U.S. Army Corps of Engineers



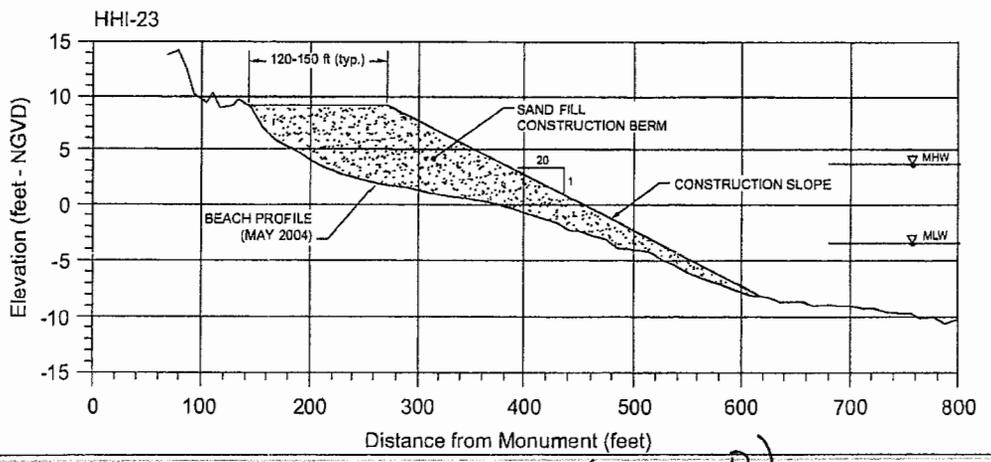
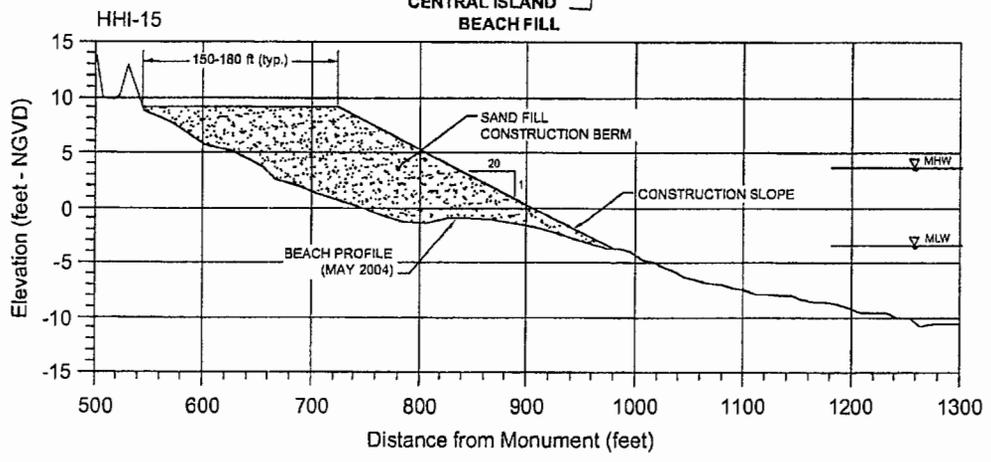
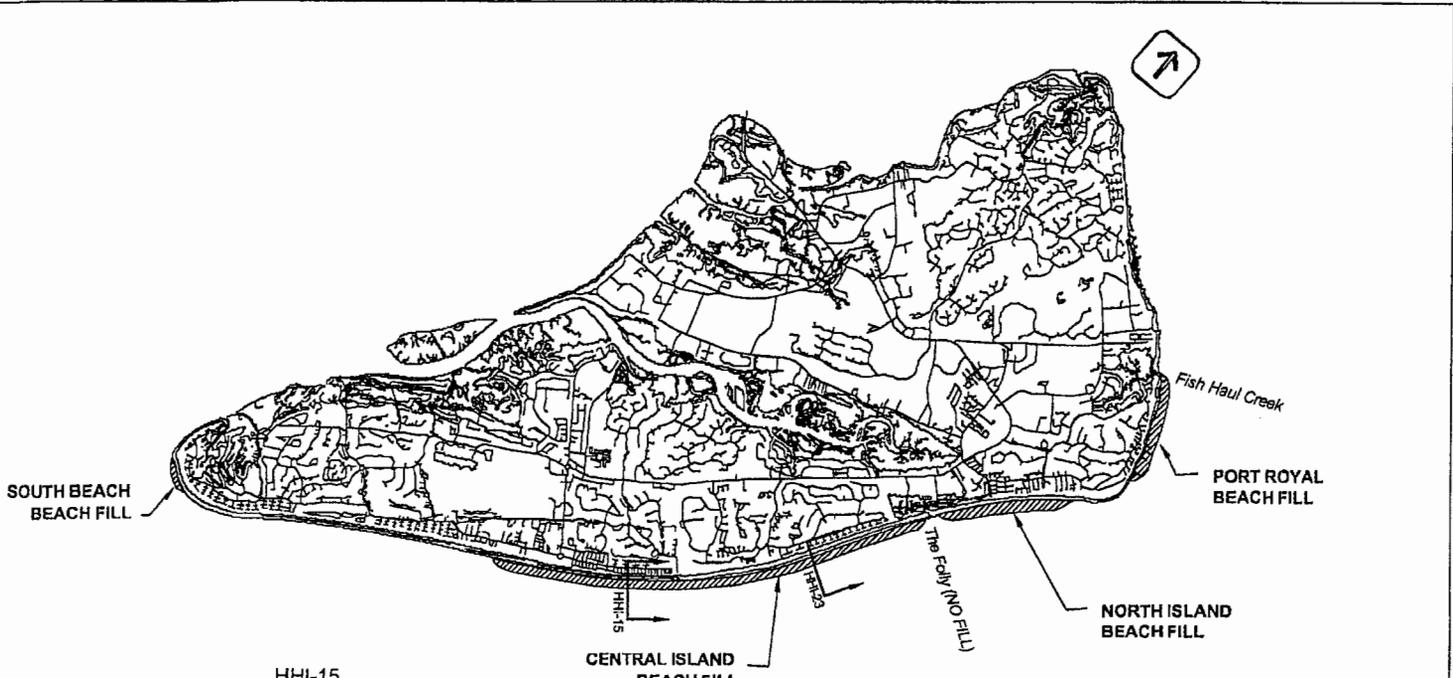
NOT FOR PURPOSES OF CONSTRUCTION

APPLICANT:  
TOWN OF  
HILTON HEAD ISLAND, SC

TOWN OF HILTON HEAD ISLAND  
2005 / 06 BEACH RENOURISHMENT PROJECT  
  
PROJECT LOCATION  
2004-1W-319-P (REVISED)

DATE:	APPROVED	REVISION
03/01/05	CGC	▲

DATE:
10/01/04
DRAWN BY: CGC
SHEET 1 OF 9



**TIDAL DATUMS**

MHHW	4.09 FT
MHW	3.72 FT
MTL	0.28 FT
NGVD	0.00
MLW	-3.16 FT
MLLW	-3.38 FT

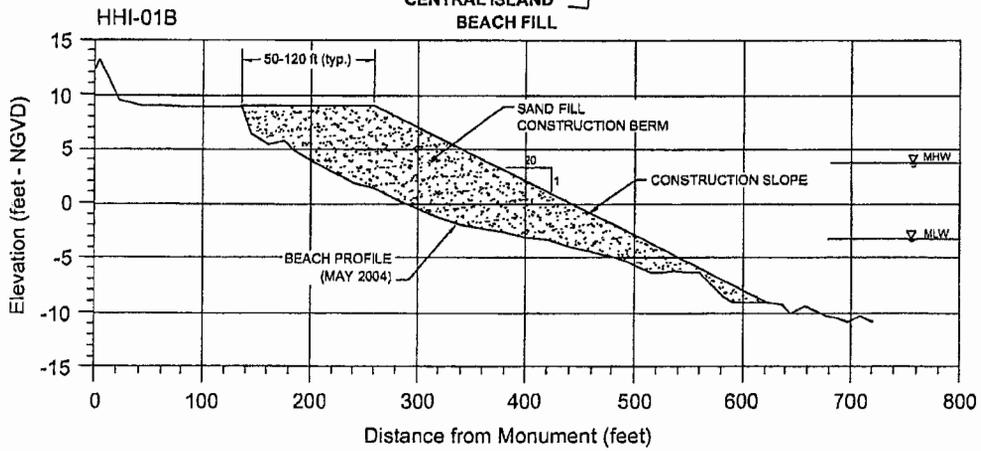
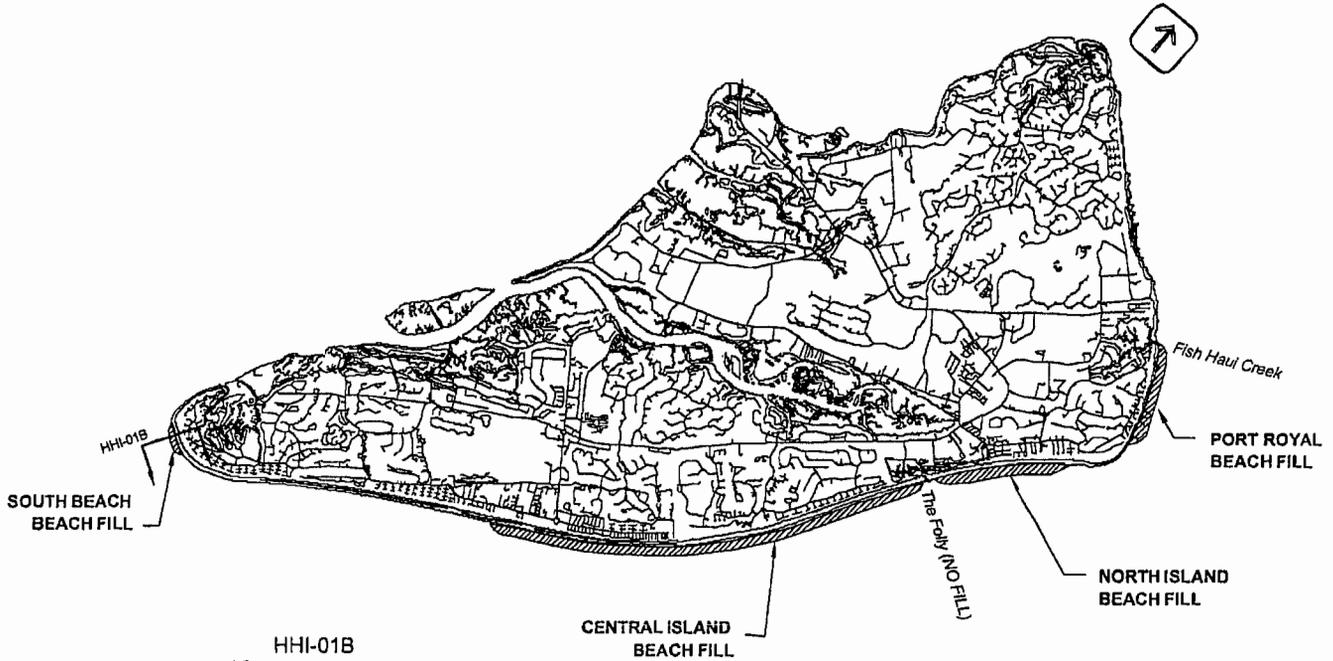
*P/N 2004-1W-319-P (REVISED)* NOT FOR PURPOSES OF CONSTRUCTION

APPLICANT:  
TOWN OF  
HILTON HEAD ISLAND, SC

TOWN OF HILTON HEAD ISLAND  
2005 / 06 BEACH RENOURISHMENT PROJECT  
**BEACH FILL  
DESIGN SECTIONS  
CENTRAL ISLAND**

DATE:	APPROVED	REVISION	DATE:
03/01/05	CGC	▲	10/01/04

DRAWN BY:	SHEET
CGC	2
	OF 9



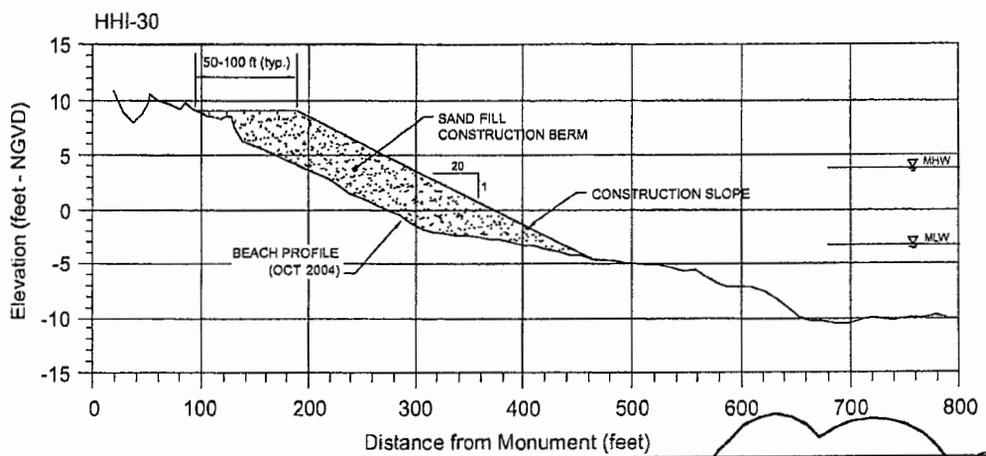
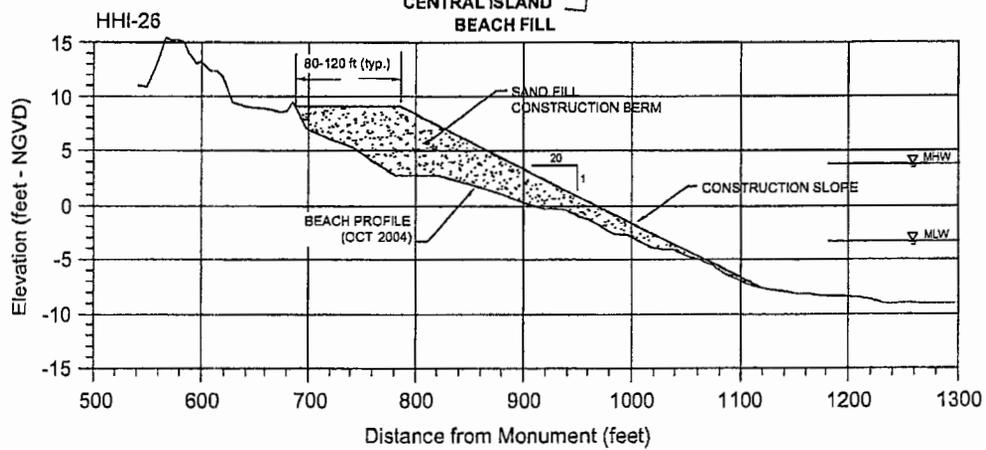
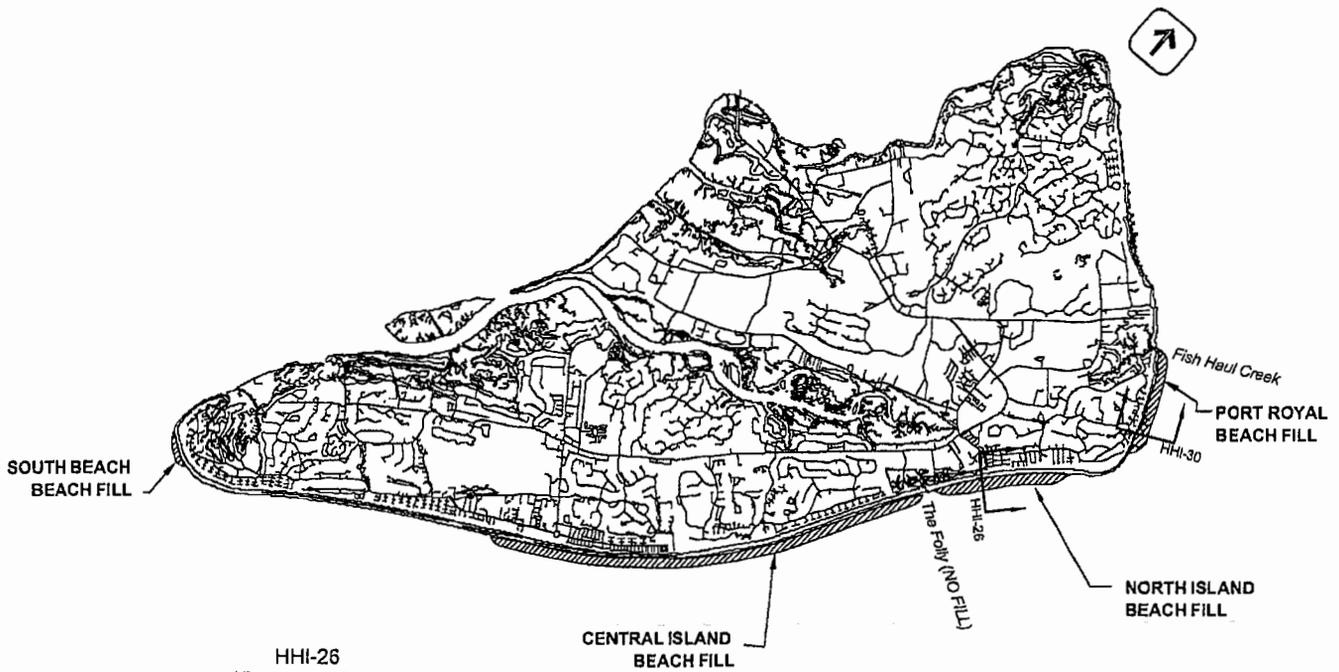
P/N 2004-1W-319-P (REVISED) NOT FOR PURPOSES OF CONSTRUCTION

APPLICANT:  
TOWN OF  
HILTON HEAD ISLAND, SC

TOWN OF HILTON HEAD ISLAND  
2005 / 06 BEACH RENOURISHMENT PROJECT  
BEACH FILL  
DESIGN SECTIONS  
SOUTH BEACH

DATE:	APPROVED	REVISION	DATE:
03/01/05	CGC	▲	10/01/04
			DRAWN BY: CGC
			SHEET 3 OF 9

DATE:
10/01/04
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SHEET 3 OF 9



P/N 2004-1W-319-P (REVISED)

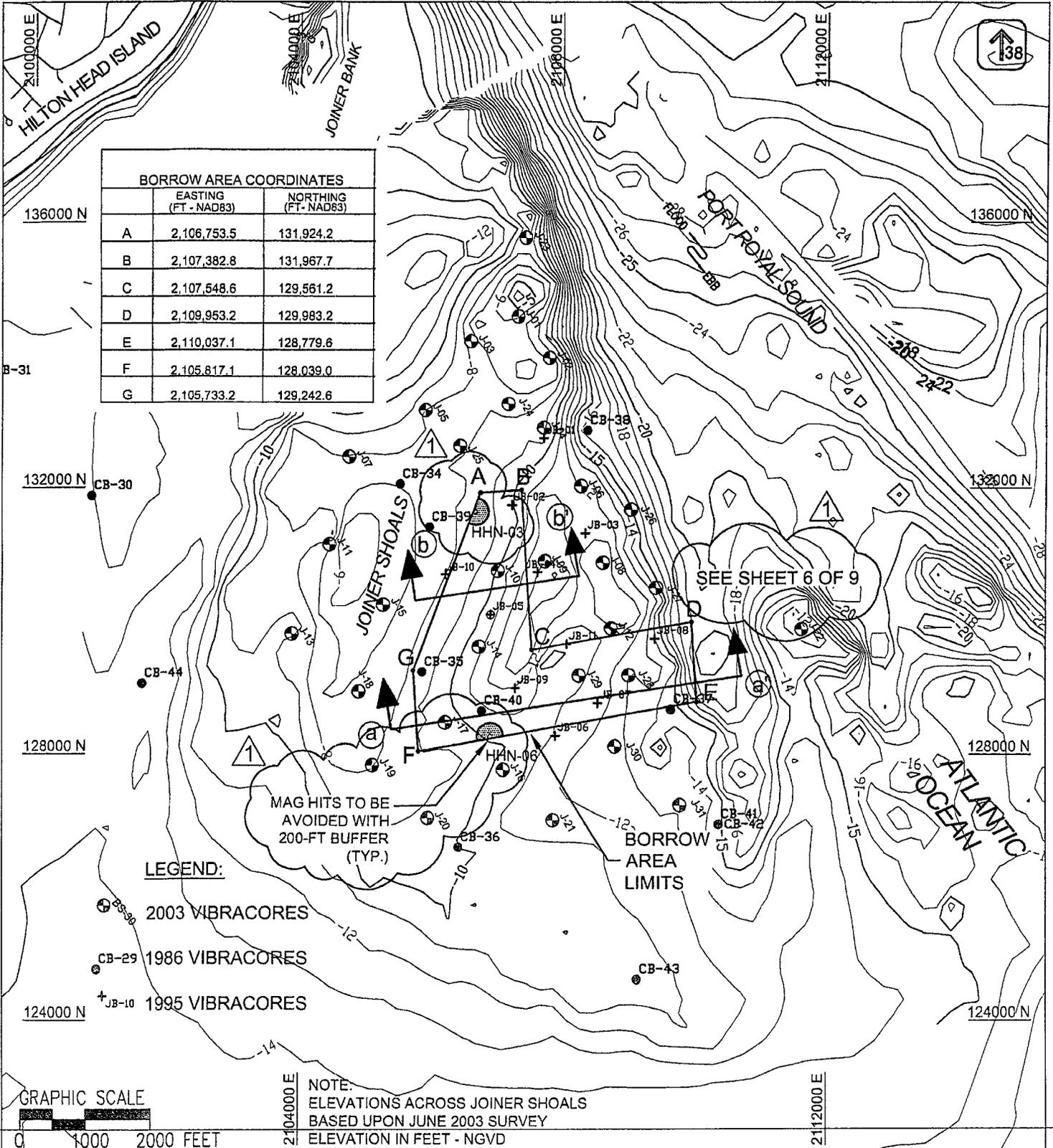
NOT FOR PURPOSES OF CONSTRUCTION

APPLICANT:  
TOWN OF  
HILTON HEAD ISLAND, SC

TOWN OF HILTON HEAD ISLAND  
2005 / 06 BEACH RENOURISHMENT PROJECT  
**BEACH FILL**  
DESIGN SECTIONS  
NORTH ISLAND AND PORT ROYAL

DATE:	APPROVED	REVISION
03/01/05	CGC	THIS SHEET ADDED

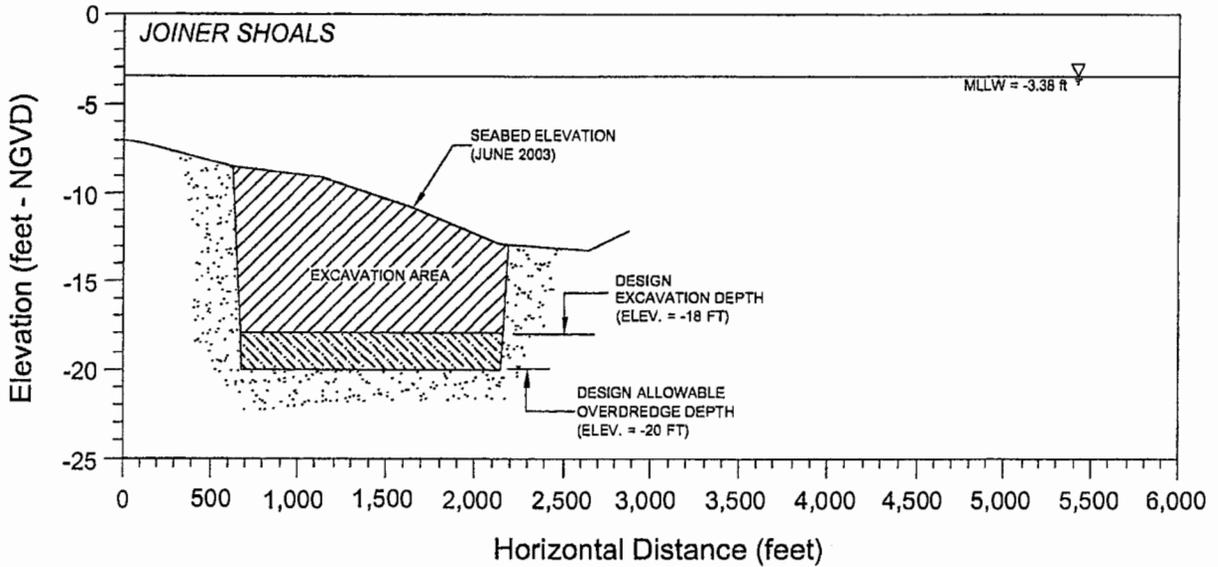
DATE:
03/01/05
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SHEET 4 of 9



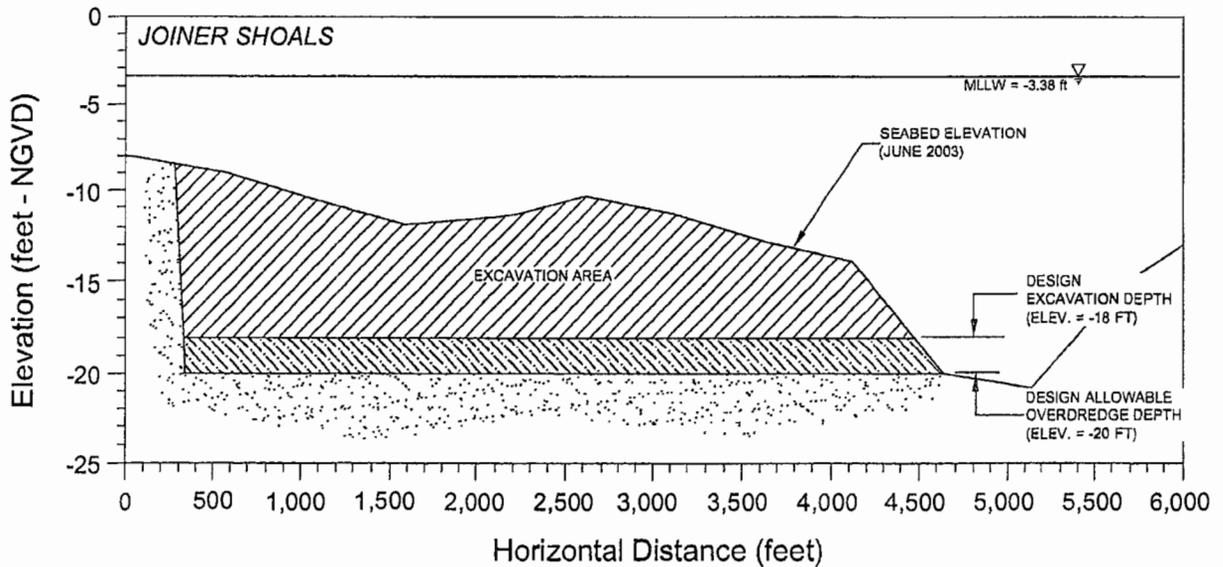
<b>APPLICANT:</b> TOWN OF HILTON HEAD ISLAND, SC		<b>TOWN OF HILTON HEAD ISLAND</b> <b>2005 / 06 BEACH RENOURISHMENT PROJECT</b> <i>P/N 2004-1W-319-P (REVISED)</i> <b>BORROW AREA PLAN</b> <b>JOINER SHOALS</b>			DATE: 03/01/05	APPROVED: CGC	REVISION:	DATE: 10/01/04
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							SHEET  5 OF  9	

NOT FOR PURPOSES OF CONSTRUCTION

### SECTION a-a'

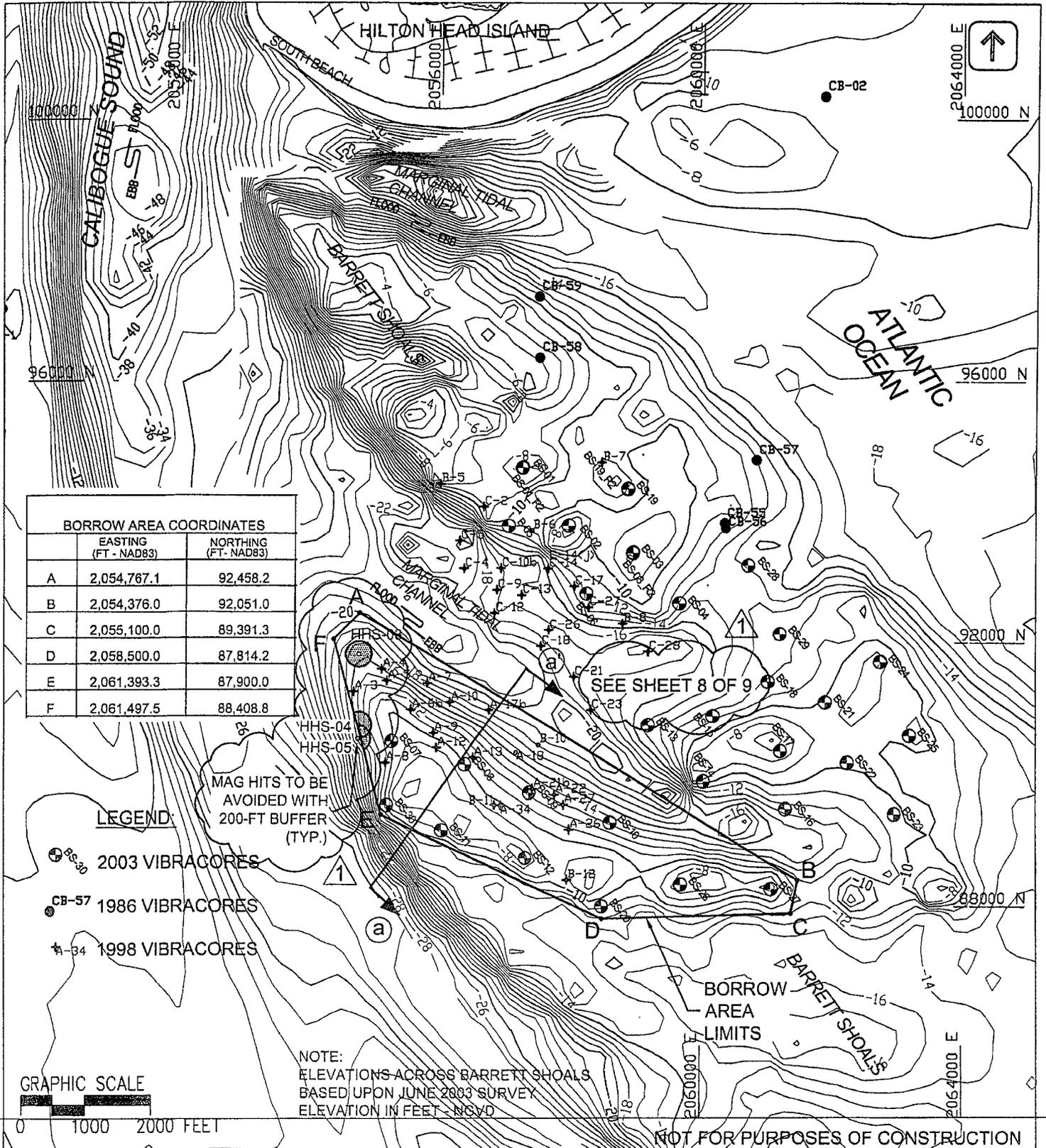


### SECTION b-b'



NOT FOR PURPOSES OF CONSTRUCTION

APPLICANT: TOWN OF HILTON HEAD ISLAND, SC	TOWN OF HILTON HEAD ISLAND 2005 / 06 BEACH RENOURISHMENT PROJECT P/N 2004-1W-319-P (REVISED) BORROW AREA SECTIONS JOINER SHOALS	DATE:	APPROVED	REVISION	DATE:
		03/01/05	CGC	⚠	10/01/04
		DRAWN BY:			
			CGC	SHEET ⚠	
				6 of 9	



**LEGEND:**

- 2003 VIBRACORES
- CB-57 1986 VIBRACORES
- A-34 1998 VIBRACORES

MAG HITS TO BE AVOIDED WITH 200-FT BUFFER (TYP.)

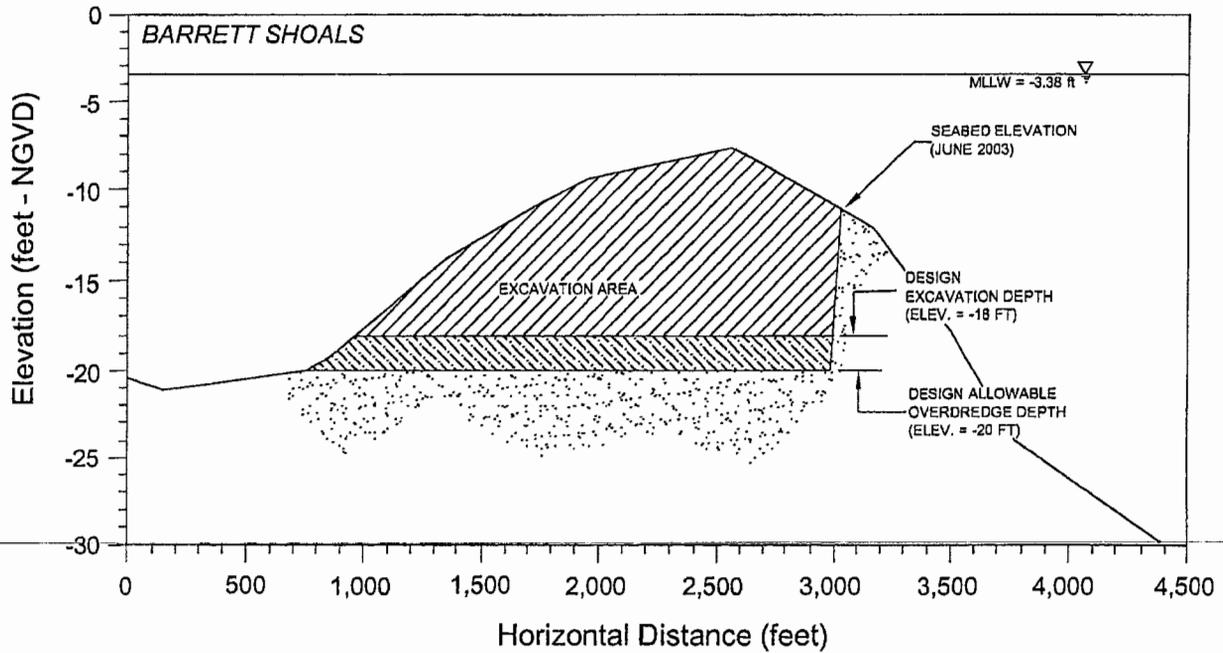
NOTE:  
ELEVATIONS ACROSS BARRETT SHOALS  
BASED UPON JUNE 2003 SURVEY  
ELEVATION IN FEET - NGVD



NOT FOR PURPOSES OF CONSTRUCTION

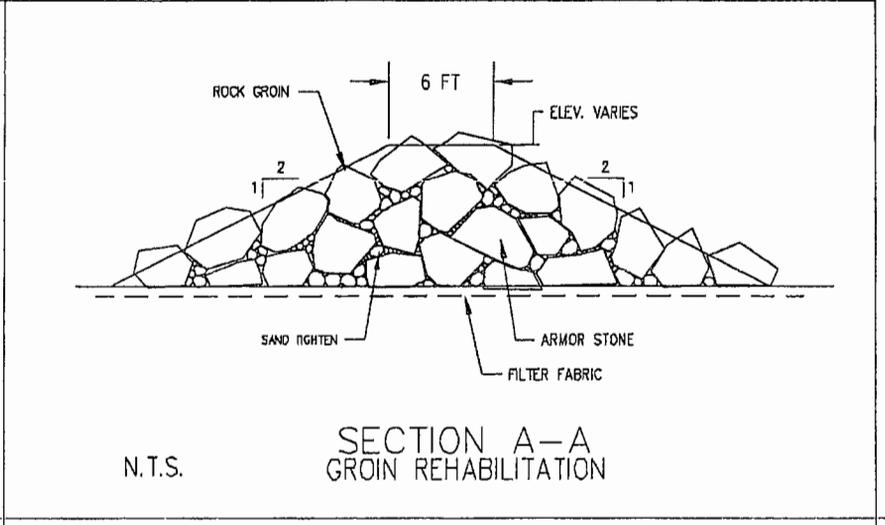
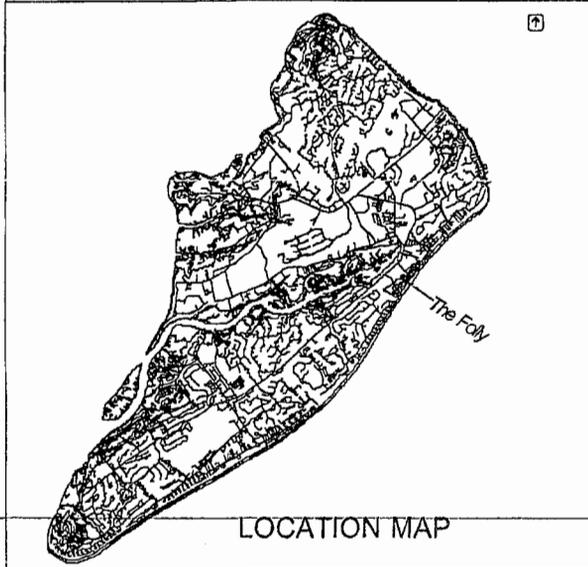
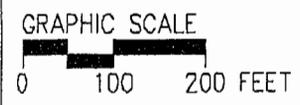
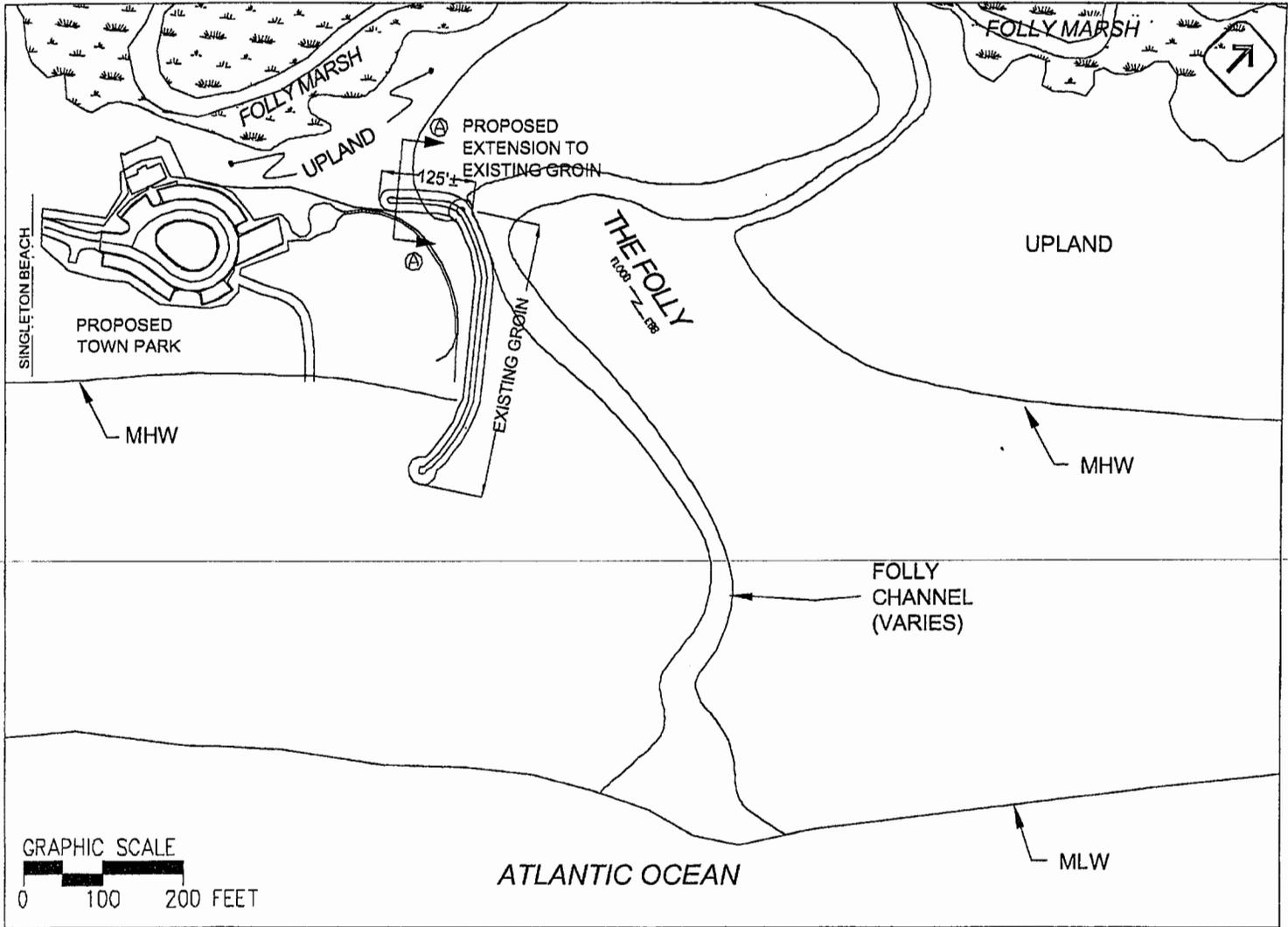
APPLICANT:  TOWN OF HILTON HEAD ISLAND, SC	TOWN OF HILTON HEAD ISLAND 2005 / 06 BEACH RENOURISHMENT PROJECT P/N 2004-1W-319-P (REVISED) <b>BORROW AREA PLAN</b> <b>BARRETT SHOALS</b>			DATE:	APPROVED:	REVISION:	DATE:
				03/01/05	CGC	1	10/01/04
							DRAWN BY: CGC
							SHEET 7 OF 9

# SECTION a-a'



NOT FOR PURPOSES OF CONSTRUCTION

APPLICANT:  TOWN OF HILTON HEAD ISLAND, SC	TOWN OF HILTON HEAD ISLAND 2005 / 06 BEACH RENOURISHMENT PROJECT P/N 2004-1W-319-P (REVISED) BORROW AREA SECTIONS BARRETT SHOALS	DATE:	APPROVED	REVISION	DATE:
		03/01/05	CGC	▲	10/01/04
				CGC	
				SHEET ▲	
				8 OF 9	



NOT FOR PURPOSES OF CONSTRUCTION

APPLICANT: TOWN OF HILTON HEAD ISLAND, SC	TOWN OF HILTON HEAD ISLAND 2005 / 06 BEACH RENOURISHMENT PROJECT <b>FOLLY GROIN REHABILITATION</b> P/N 2004-1W-319-P (REVISED)	DATE:	APPROVED:	REVISION:	DATE:	
		03/01/05	CGC	⚠	10/01/04	
						DRAWN BY:
						CGC
					SHEET	
					9 OF 9	