

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 #2012-00926-2IR

September 27, 2012

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

SOUTH ISLAND DREDGING ASSOCIATION
ATTN: JACK BRINKLEY
46 GULL POINT ROAD
HILTON HEAD, SOUTH CAROLINA 29928

for a permit to perform maintenance dredging in

HARBOUR TOWN MARINA,
BAYNARD COVE CREEK AND COMMUNITY DOCK,
BRADDOCK CREEK AND GULL POINT MARINA,
SOUTH BEACH MARINA, PORT VILLAS

with disposal of the dredged material in

CALIBOGUE SOUND

The locations of areas to be dredged are all in Sea Pines Plantation on the southern end of Hilton Head Island on the Calibogue Sound side, Beaufort County, South Carolina:

Harbour Town Marina: from inner coordinates: Latitude: 32.137605; Longitude: -80.810900
to outer coordinates: Latitude: 32.138848; Longitude: -80.816520
Braddock Cove Creek: from inner coordinates: Latitude: 32.113391; Longitude: -80.822652
to outer coordinates: Latitude: 32.122913; Longitude: -80.825566
Gull Point Marina: from inner coordinates: Latitude: 32.119260; Longitude: -80.822356
to Braddock Cove Creek Channel
South Beach Marina: from inner coordinates: Latitude: 32.115613; Longitude: -80.824709
to Braddock Cove Creek Channel
Port Villas: from inner coordinates: Latitude: 32.113314; Longitude: -80.822832
to Braddock Cove Creek Channel
Baynard Cove Creek: from inner coordinates: Latitude: 32.123098; Longitude: -80.816884
to outer coordinates: Latitude: 32.125128; Longitude: -80.824814
Community Dock: from inner coordinates: Latitude: 32.125636; Longitude: -80.817000
to Baynard Cove Creek Channel

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 the **Corps** and **SCDHEC** until

30 days from the Date of this Notice

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

The proposed work consists of maintenance dredging approximately 300,000 cubic yards of material from existing marina basins and access channels with disposal of the material in inshore waters near the mouth of Calibogue Sound. In detail, the silt, clay and sandy material will be hydraulically dredged using a small cutterhead dredge. The dredged material will be pumped via pipeline, using booster pumps as necessary, to an open water off-shore site identified as Placement Site 5 (PS5). The pipeline will extend 2 to 3.5 miles along the Hilton Head Island/Calibogue Sound shoreline. It will be floated at the surface except when crossing channels, where it will be submerged and anchored to avoid impacts to navigation. PS-5 is approximately 4,600 feet from the shoreline of Hilton Head Island. The dredged material will be discharged through a pipe placed approximately 3 feet above the sediment surface with a baffle plat to ensure even bottom spreading of the discharged material. Dredging will be conducted continuously and will require approximately 6 months to complete. The applicant is proposing to conduct monitoring before, during, and after dredging activity is completed. The applicant has conducted a number of studies/models in support of this proposed project. The reports for these studies/models are located at the following website/link and are available for review by all interested parties:

<http://www.sac.usace.army.mil/Missions/Regulatory/ProjectsofInterest>

The purpose of the proposed work is to maintain navigational access from specific Sea Pines Waterways to Calibogue Sound for recreational and commercial users.

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 approximately 106.5 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 may 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 project is not likely to adversely affect any Federally endangered, threatened, or proposed species or 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.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the NHPA, the District Engineer has also 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. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

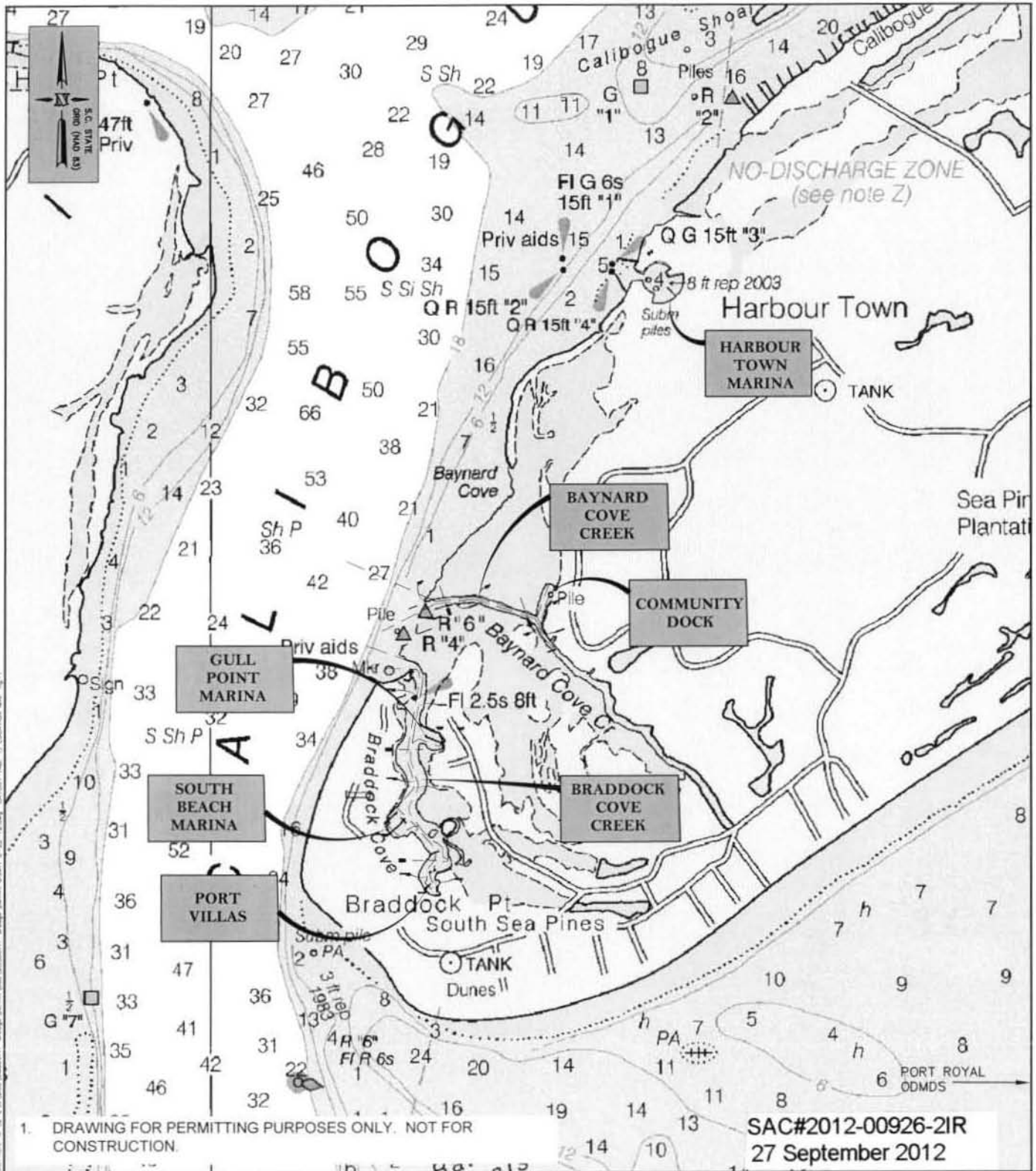
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

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 Robin Coller-Socha at 843-329-8044 or toll free at 1-866-329-8187.



PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'24.25"N
 LONGITUDE: 80°48'49.69"W

SURVEY DATUM: NGVD MLW

FIGURE 1
 LOCATION MAP



SOUTH ISLAND DREDGING ASSOCIATION
 HILTON HEAD ISLAND, SOUTH CAROLINA
 BEAUFORT COUNTY, SOUTH CAROLINA

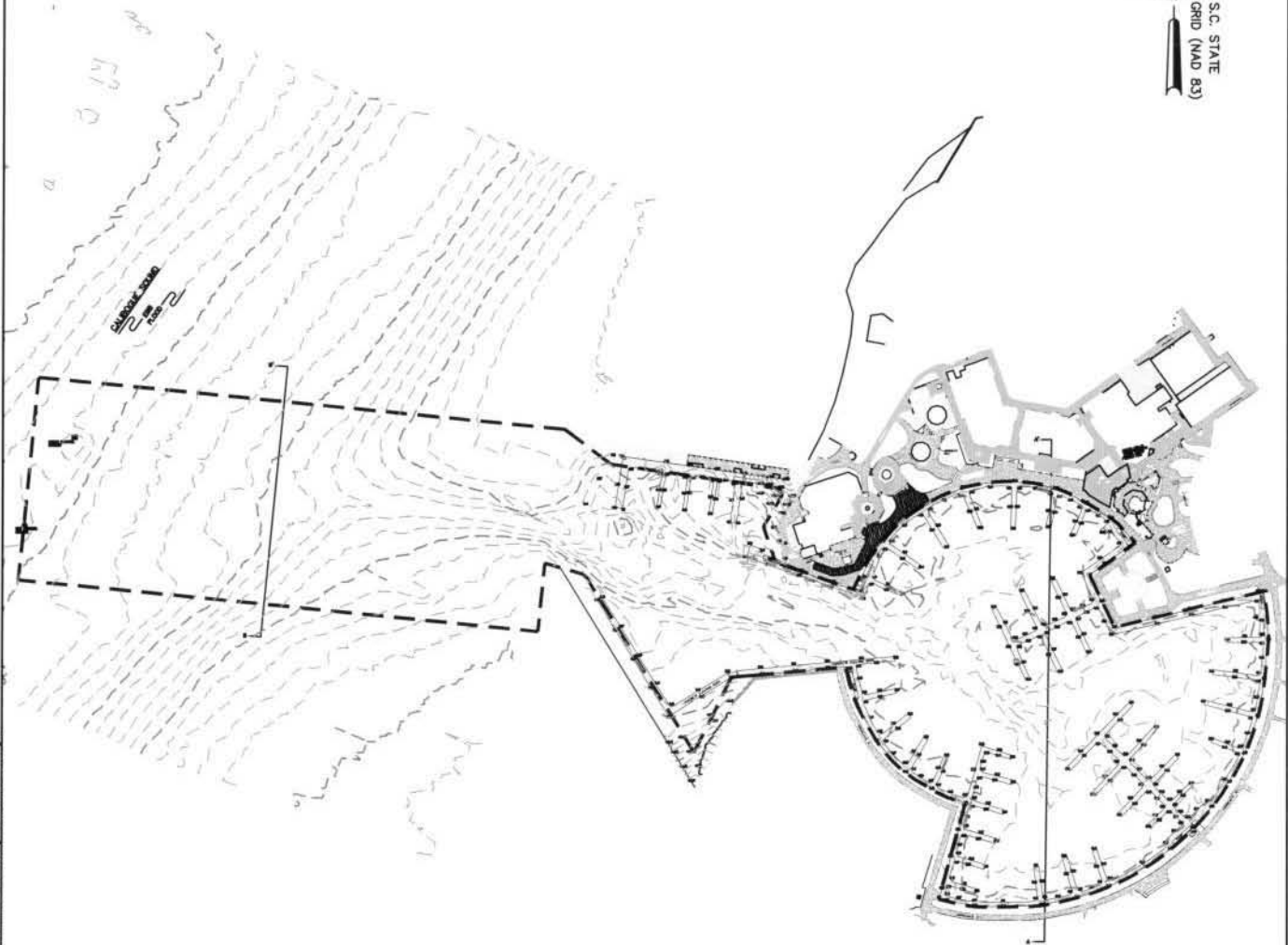
PROPOSED: MAINTENANCE DREDGING

AT: BRADDOCK COVE CREEK, BAYNARD COVE CREEK
 HARBOUR TOWN, GULL POINT AND SOUTH BEACH
 MARINAS, PORT VILLAS

IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
 SOUTH CAROLINA

SHEET: 1 OF 27



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°08'15.28"N
LONGITUDE: 80°48'47.05"W

SURVEY DATUM: MLW

FIGURE 2
HARBOUR TOWN MARINA
PLAN VIEW



SCALE 1" = 250'

SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: HARBOUR TOWN MARINA

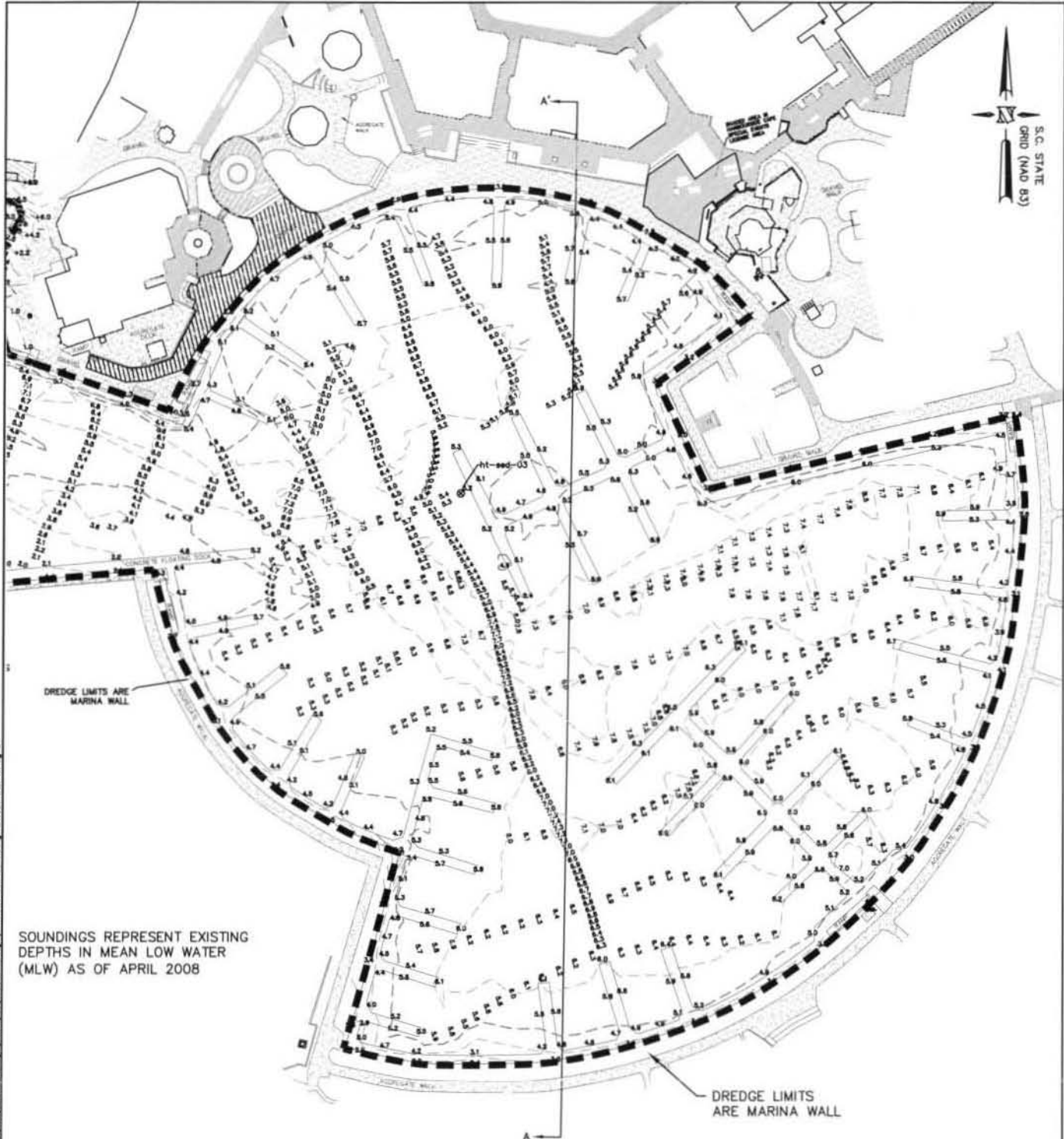
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 2 OF 27

DATE: 09/27/12

PLotted: Sep 26, 2012 - 8:55am BY: GEL FILE LOCATION: G:\Projects\2012\09-27-12\09-27-12.dwg LAYOUT: Title 111.dwg



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

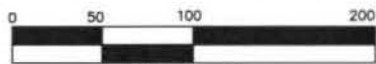
PROJECT DEPTH: (-) 8.0' MLW

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°08'15.28"N
LONGITUDE: 80°48'47.05"W

SURVEY DATUM: MLW

FIGURE 3
HARBOUR TOWN MARINA
ENLARGED PLAN VIEW



SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

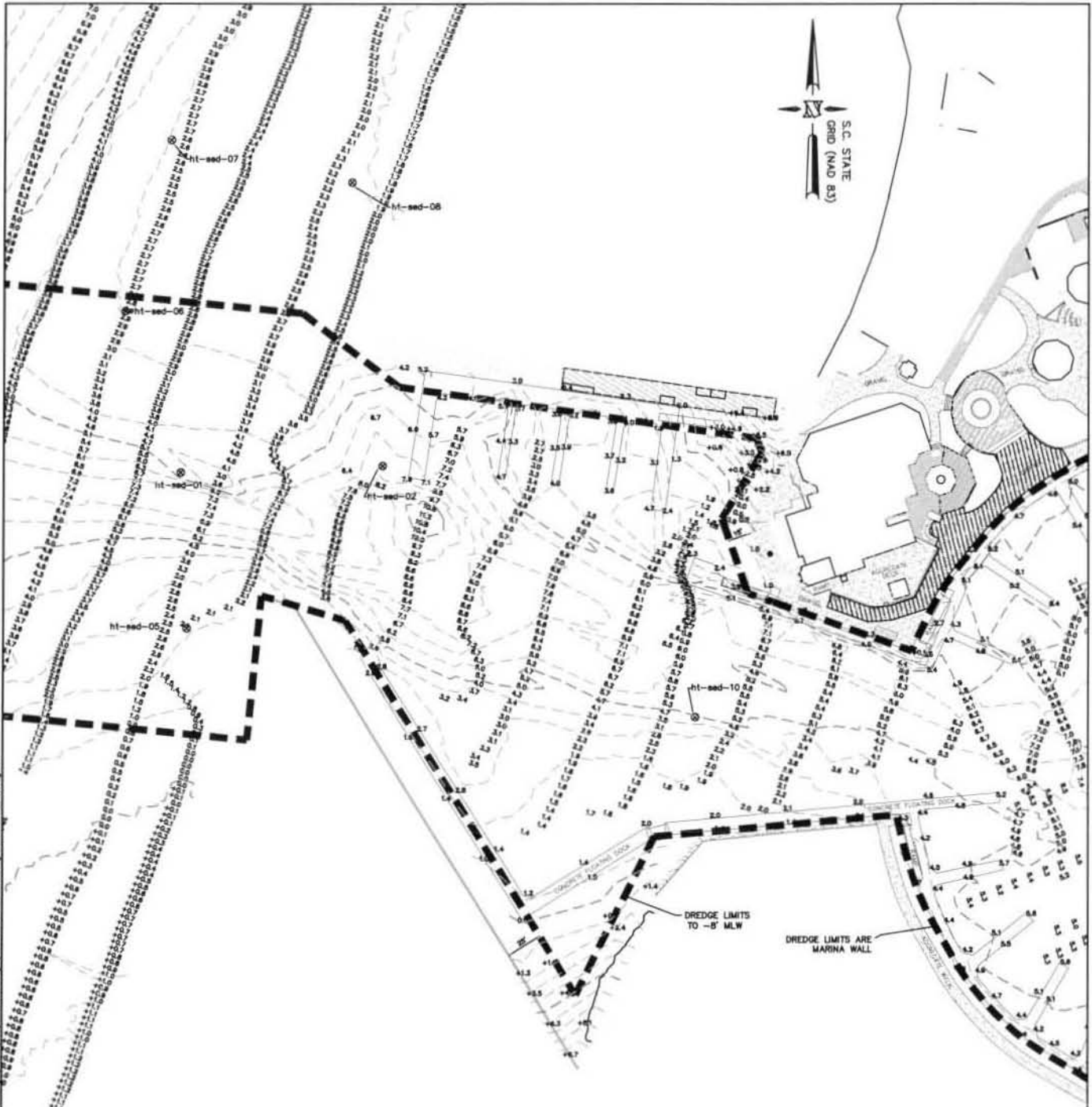
PROPOSED: MAINTENANCE DREDGING
AT: HARBOUR TOWN MARINA
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 3 OF 27

DATE: 09/27/12

C:\Users\jg\Documents\2012\12-27-12\12-27-12.dwg LAYOUT: TOWN HT 8p-3
 01/27/12 10:30:00 AM 01/27/12 10:30:00 AM 01/27/12 10:30:00 AM 01/27/12 10:30:00 AM



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

SOUNDINGS REPRESENT EXISTING DEPTHS IN MEAN LOW WATER (MLW) AS OF APRIL 2008

PROJECT DEPTH: (-) 8.0' MLW

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°08'15.28"N
LONGITUDE: 80°48'47.05"W

SURVEY DATUM: MLW

FIGURE 4
HARBOUR TOWN MARINA
ENLARGED PLAN VIEW



SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: HARBOUR TOWN MARINA

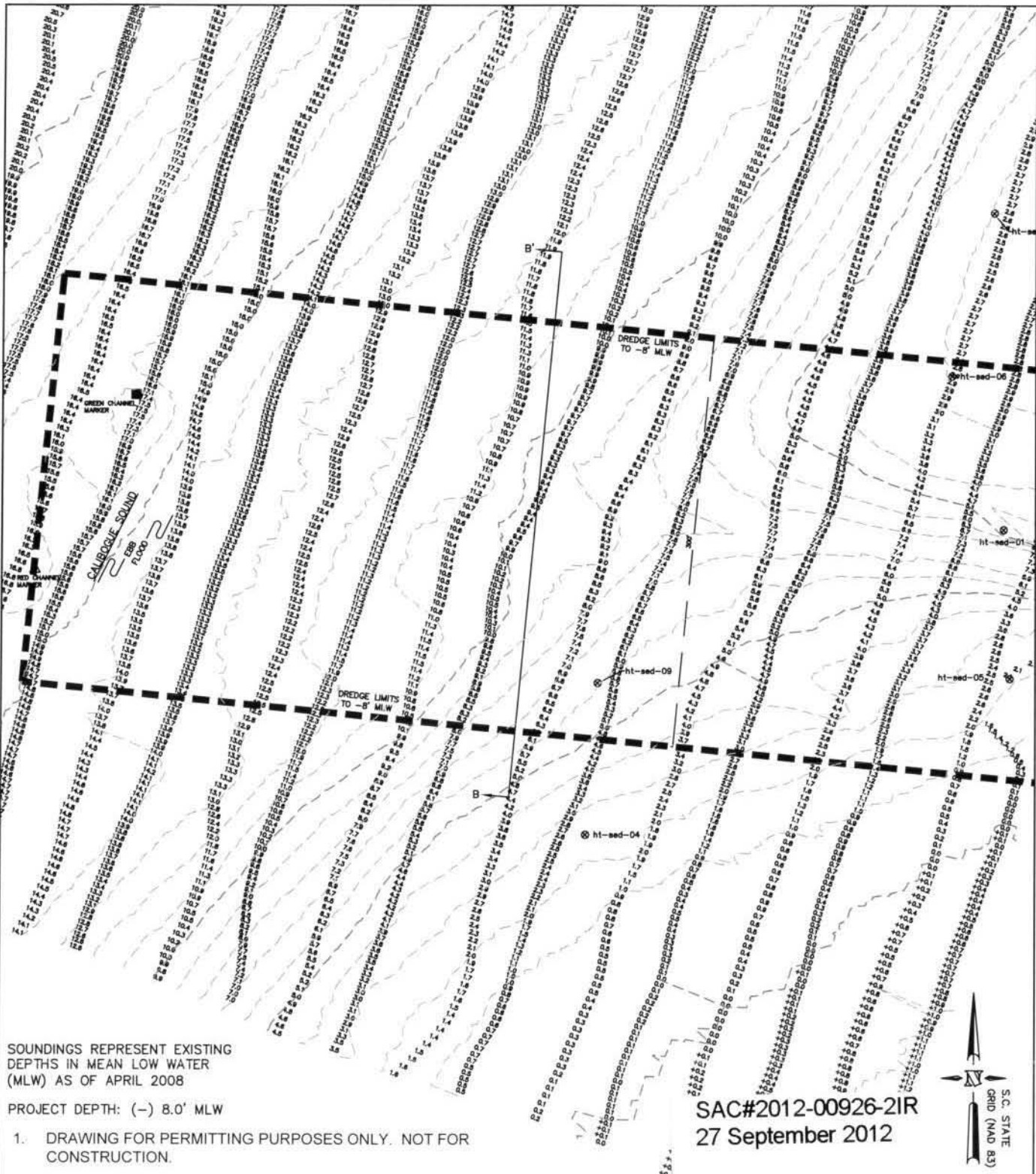
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 4 OF 27

DATE: 09/27/12

PLotted: Sep 26, 2012 - 9:34am
 BY: JH
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 LAYOUT TAB: HT Fig-4



SOUNDINGS REPRESENT EXISTING DEPTHS IN MEAN LOW WATER (MLW) AS OF APRIL 2008

PROJECT DEPTH: (-) 8.0' MLW

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012



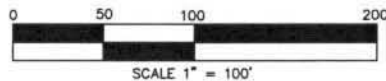
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 LAYOUT TAB: HT_M-4
 DATE: 09/27/12

PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°08'15.28"N
 LONGITUDE: 80°48'47.05"W

SURVEY DATUM: MLW

FIGURE 5
 HARBOUR TOWN MARINA
 ENLARGED PLAN VIEW



SOUTH ISLAND DREDGING ASSOCIATION
 HILTON HEAD ISLAND, SOUTH CAROLINA
 BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: HARBOUR TOWN MARINA

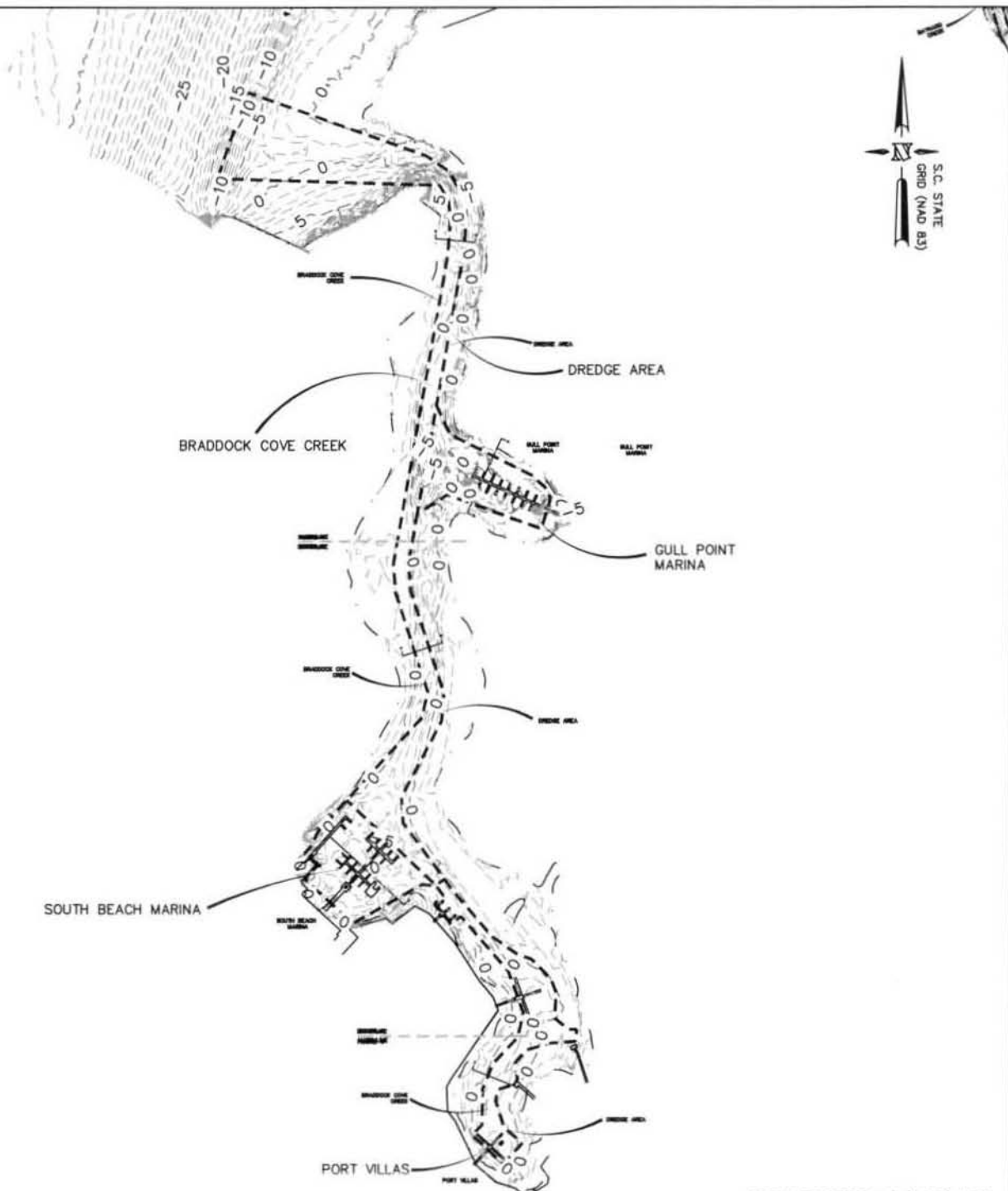
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
 SOUTH CAROLINA

SHEET: 5 OF 27

DATE: 09/27/12

PLUTED: Sep 26, 2012 - 6:58am BY: 01 FILE LOCATION: G:\V\2\Y\H\A\p\2011-09-26-13.dwg LAYOUT: TAB: BRAD PLAN 1



SAC#2012-00926-2IR
27 September 2012

PROJECT DEPTH: (-) 8.0' MLW

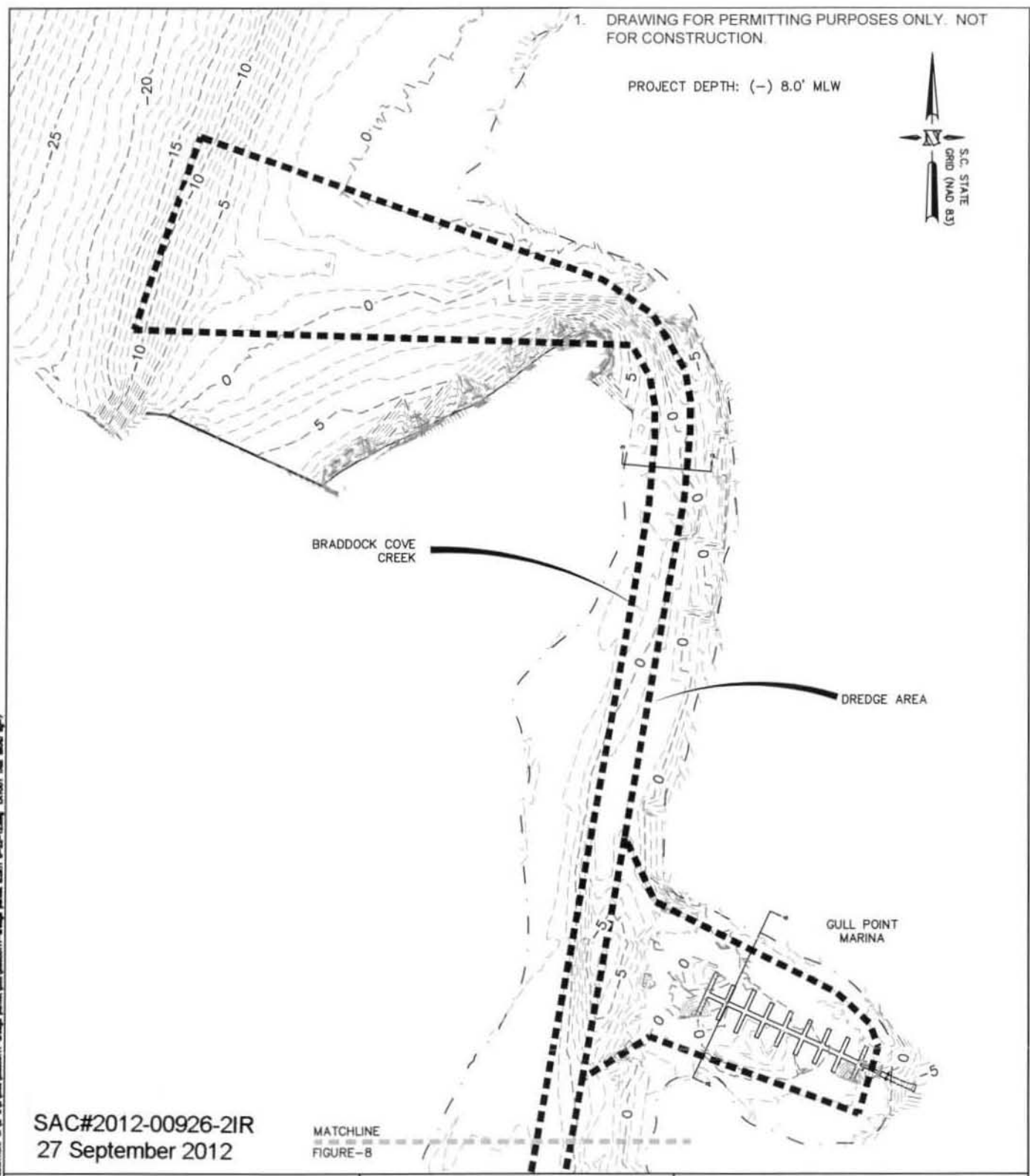
NOTE:
 SOME TYPICAL ENLARGED PLAN
 VIEW SECTIONS FOR CHANNEL
 ARE NOT SHOWN.

1. DRAWING FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION.

PURPOSE: MAINTENANCE DREDGING APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION LATITUDE: 32°07'01.92"N LONGITUDE: 80°49'25.68"W SURVEY DATUM: MLW	<p style="text-align: center;"> FIGURE 6 BRADDOCK COVE CREEK PLAN VIEW </p> <p style="text-align: center;"> SOUTH ISLAND DREDGING ASSOCIATION HILTON HEAD ISLAND, SOUTH CAROLINA BEAUFORT COUNTY, SOUTH CAROLINA </p>	PROPOSED: MAINTENANCE DREDGING AT: BRADDOCK COVE CREEK IN: HILTON HEAD ISLAND, S.C. COUNTY OF: BEAUFORT COUNTY, SOUTH CAROLINA SHEET: 6 OF 27
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1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PROJECT DEPTH: (-) 8.0' MLW



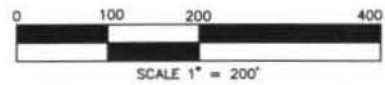
SAC#2012-00926-2IR
27 September 2012

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'01.92"N
LONGITUDE: 80°49'25.68"W

SURVEY DATUM: MLW

FIGURE 7
BRADDOCK COVE CREEK
PLAN VIEW



SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: BRADDOCK COVE CREEK

IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 7 OF 27

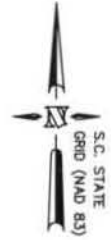
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PLOTTED: Sep 26, 2012 - 8:58am BY: jk FILE LOCATION: U:\Projects\2012\SAC#2012-00926-2IR\Drawings\2012-09-26-12.dwg LAYOUT: TAB: MDAO Fig-7

FIGURE-7
MATCHLINE

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PROJECT DEPTH: (-) 8.0' MLW



BRADDOCK COVE CREEK

DREDGE AREA

SOUTH BEACH MARINA

MATCHLINE
FIGURE-9

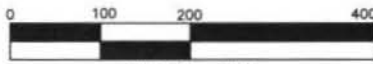
SAC#2012-00926-2IR
27 September 2012

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'01.92"N
LONGITUDE: 80°49'25.68"W

SURVEY DATUM: MLW

FIGURE 8
BRADDOCK COVE CREEK
PLAN VIEW



SCALE 1" = 200'

SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: BRADDOCK COVE CREEK

IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

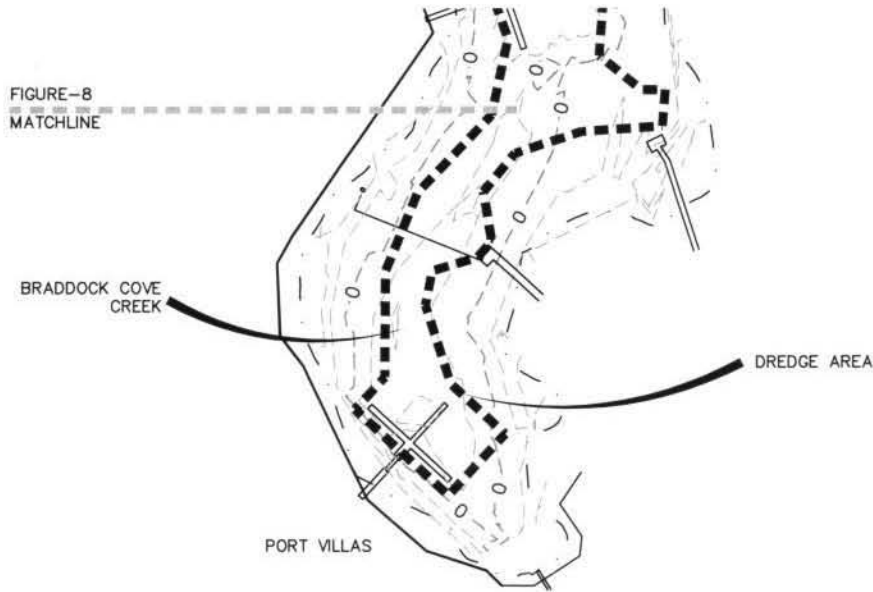
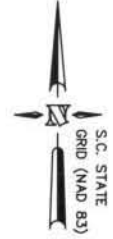
SHEET: 8 OF 27

DATE: 09/27/12

PLOTTED: Sep 26, 2012 - 6:16am BY: af FILE LOCATION: G:\D-2\Projects\2012\2012-00926-2IR\2012-00926-2IR.dwg LAYOUT: 100 BRAD 8x-8

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PROJECT DEPTH: (-) 8.0' MLW



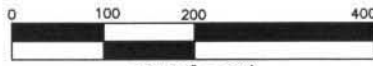
SAC#2012-00926-2IR
27 September 2012

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'01.92"N
LONGITUDE: 80°49'25.68"W

SURVEY DATUM: MLW

FIGURE 9
BRADDOCK COVE CREEK
PLAN VIEW



SCALE 1" = 200'

SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: BRADDOCK COVE CREEK

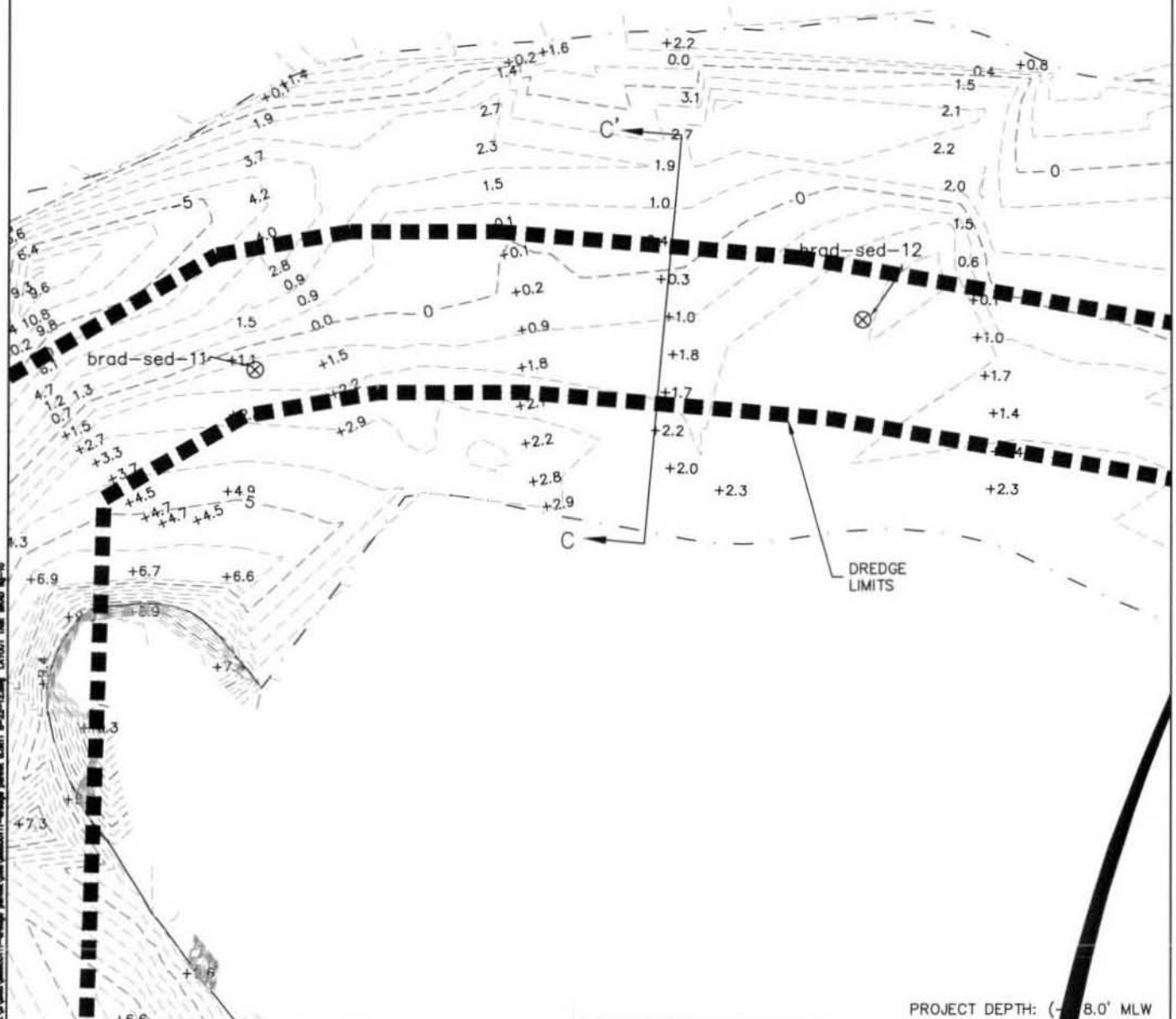
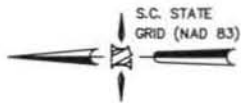
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 9 OF 27

DATE: 09/27/12

NOTED: Sep 26, 2012 - 6:56am BY: dsl FILE LOCATION: G:\0-2\0\work\skidoo0111-dredge permit\work\skidoo0111-dredge permit.dwg LAYOUT: TAB BRAD 9p-9



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

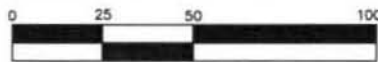
PROJECT DEPTH: (-) 8.0' MLW
SOUNDINGS REPRESENT EXISTING DEPTHS IN MEAN LOW WATER (MLW) AS OF APRIL 2008

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'18.69"N
LONGITUDE: 80°49'23.36"W

SURVEY DATUM: MLW

FIGURE 10
BRADDOCK COVE CREEK
ENLARGED ENTRANCE PLAN VIEW



SCALE 1" = 50'

SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: BRADDOCK COVE CREEK

IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

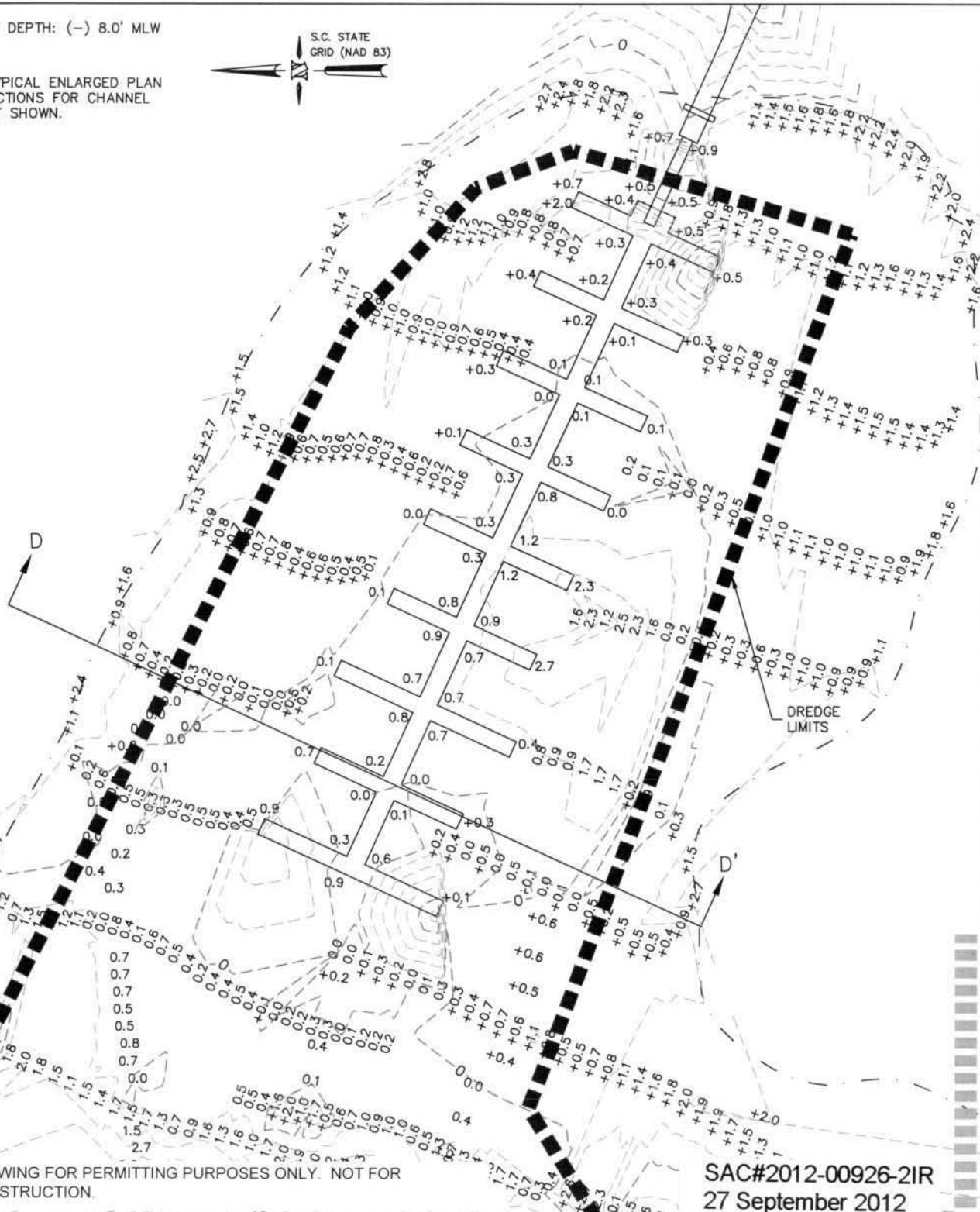
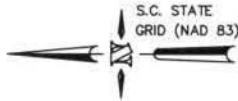
SHEET: 10 OF 27

DATE: 09/28/12

P:\2012\00926-2IR\2012-00926-2IR.dwg
 PLOT DATE: 09/28/12 10:00 AM
 PLOT SCALE: 1" = 50'
 PLOT SHEET: 10 OF 27
 PLOT TITLE: BRADDOCK COVE CREEK ENLARGED ENTRANCE PLAN VIEW
 PLOT USER: JGEL
 PLOT DEVICE: HP DesignJet 5000

PROJECT DEPTH: (-) 8.0' MLW

NOTE:
SOME TYPICAL ENLARGED PLAN
VIEW SECTIONS FOR CHANNEL
ARE NOT SHOWN.



DREDGE LIMITS

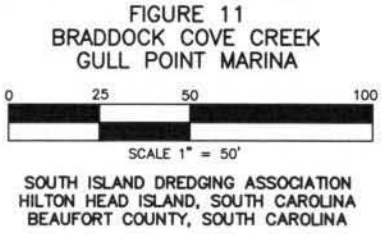
1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-21R
27 September 2012

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'10.11"N
LONGITUDE: 80°49'22.20"W

SURVEY DATUM: MLW



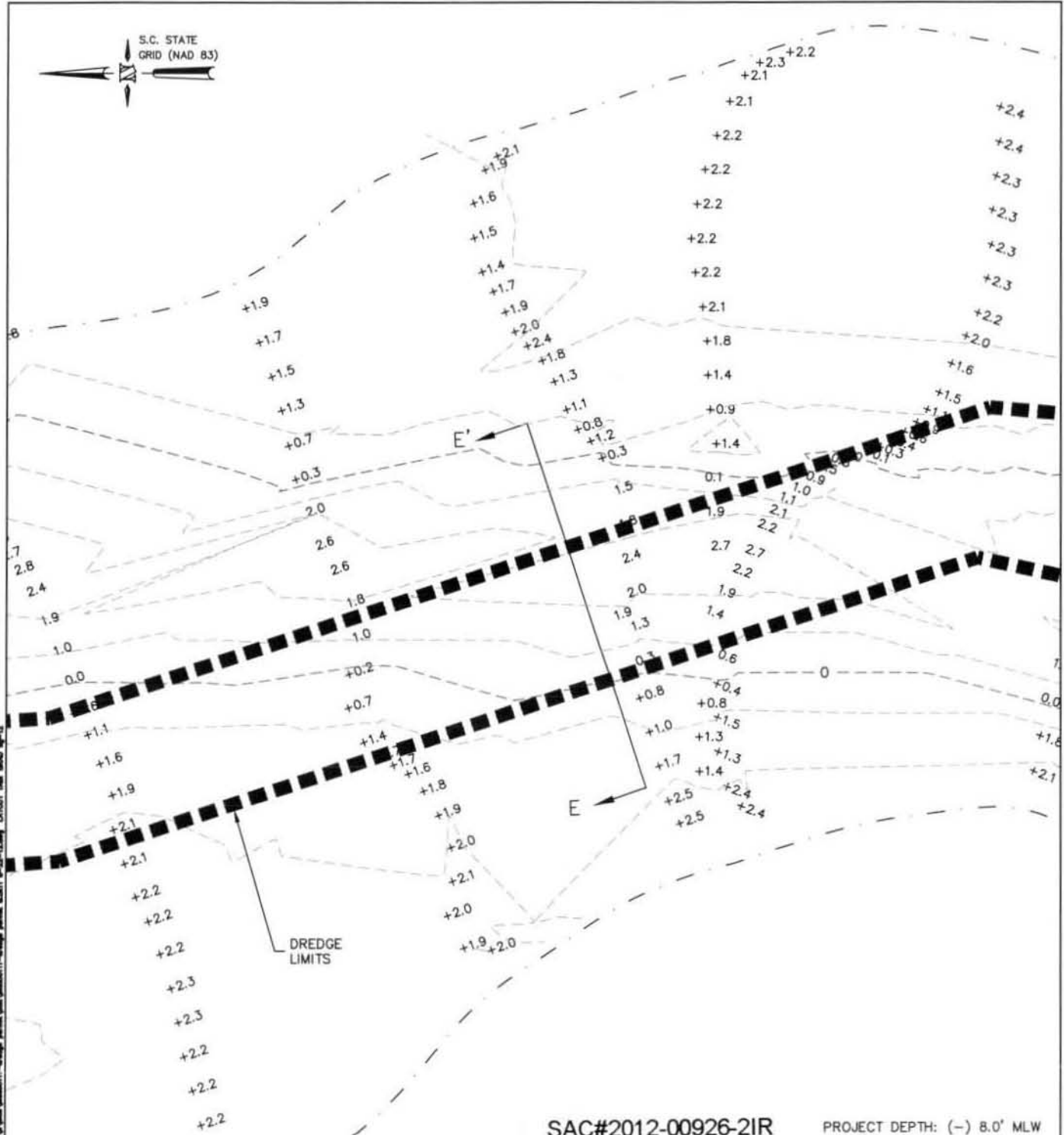
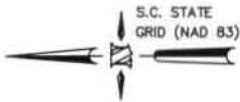
PROPOSED: MAINTENANCE DREDGING
AT: BRADDOCK COVE CREEK
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 11 OF 27

DATE: 09/27/12

PLotted: Sep 26, 2012 - 8:06am BY: cf FILE LOCATION: G:\2-27\AutoCAD\2011\dwg\perm\h\2011\2011-09-25-12.dwg LAYOUT Tab: 00A0 0p-11



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

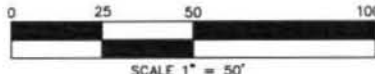
PROJECT DEPTH: (-) 8.0' MLW
SOUNDINGS REPRESENT EXISTING DEPTHS IN MEAN LOW WATER (MLW) AS OF APRIL 2008

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'01.92"N
LONGITUDE: 80°49'25.68"W

SURVEY DATUM: MLW

FIGURE 12
BRADDOCK COVE CREEK
ENLARGED CHANNEL PLAN VIEW



SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

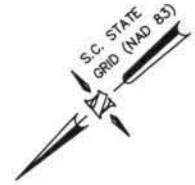
PROPOSED: MAINTENANCE DREDGING
AT: BRADDOCK COVE CREEK
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

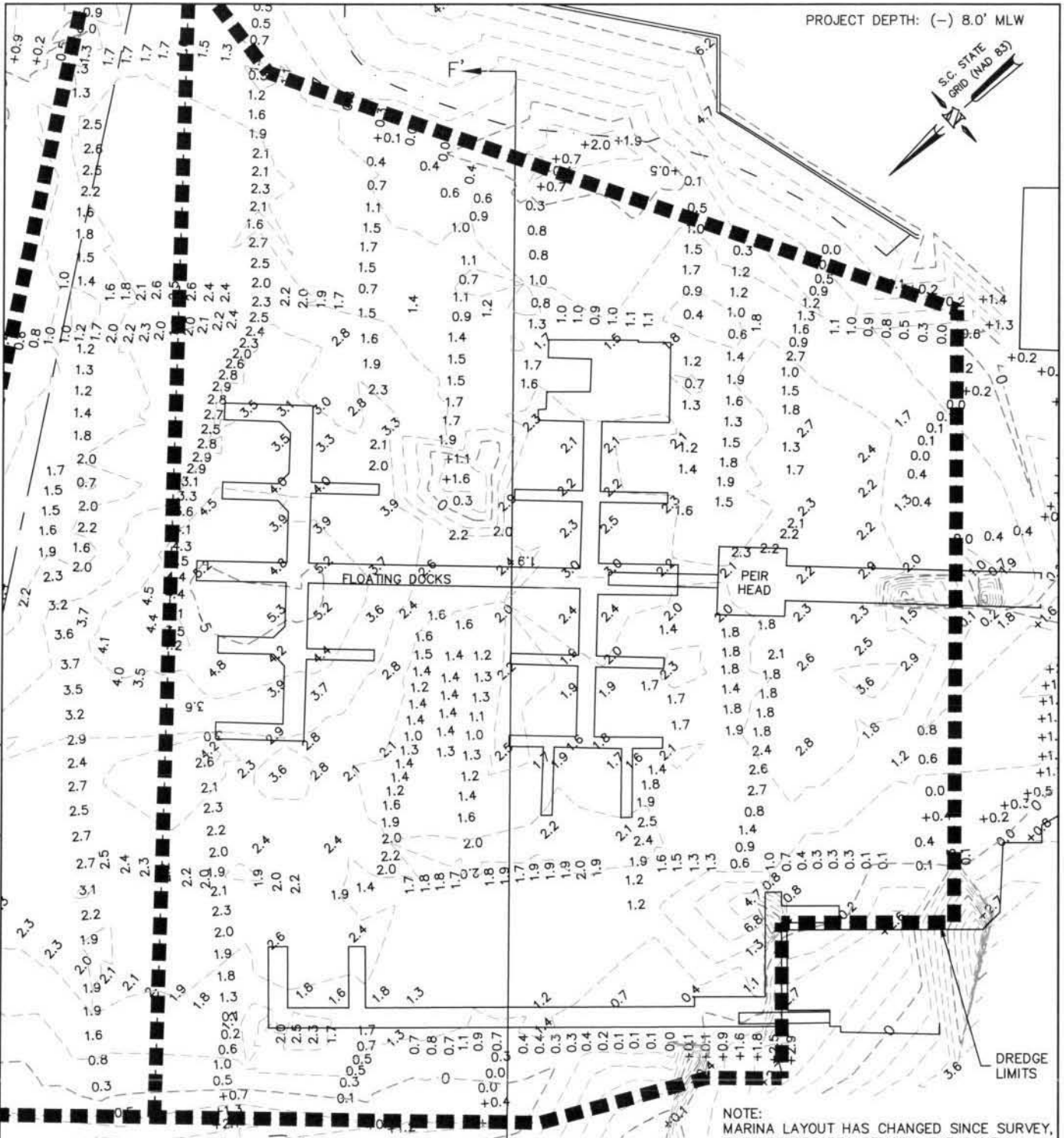
SHEET: 12 OF 27

DATE: 09/27/12

PROJECT DEPTH: (-) 8.0' MLW



PLOTTED: Sep 25, 2012 - 9:28am BY: JF FILE LOCATION: G:\0-CAD\Marina\00111-bridge permit\00111-bridge permit.dwg LAYOUT: TAB: BRAD 8p-13



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

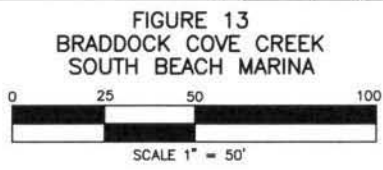
SAC#2012-00926-21R
27 September 2012

NOTE:
MARINA LAYOUT HAS CHANGED SINCE SURVEY,
BUT DREDGE AREA REMAINS THE SAME
SOUNDINGS REPRESENT EXISTING
DEPTHS IN MEAN LOW WATER
(MLW) AS OF APRIL 2008

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°06'57.33"N
LONGITUDE: 80°49'27.83"W

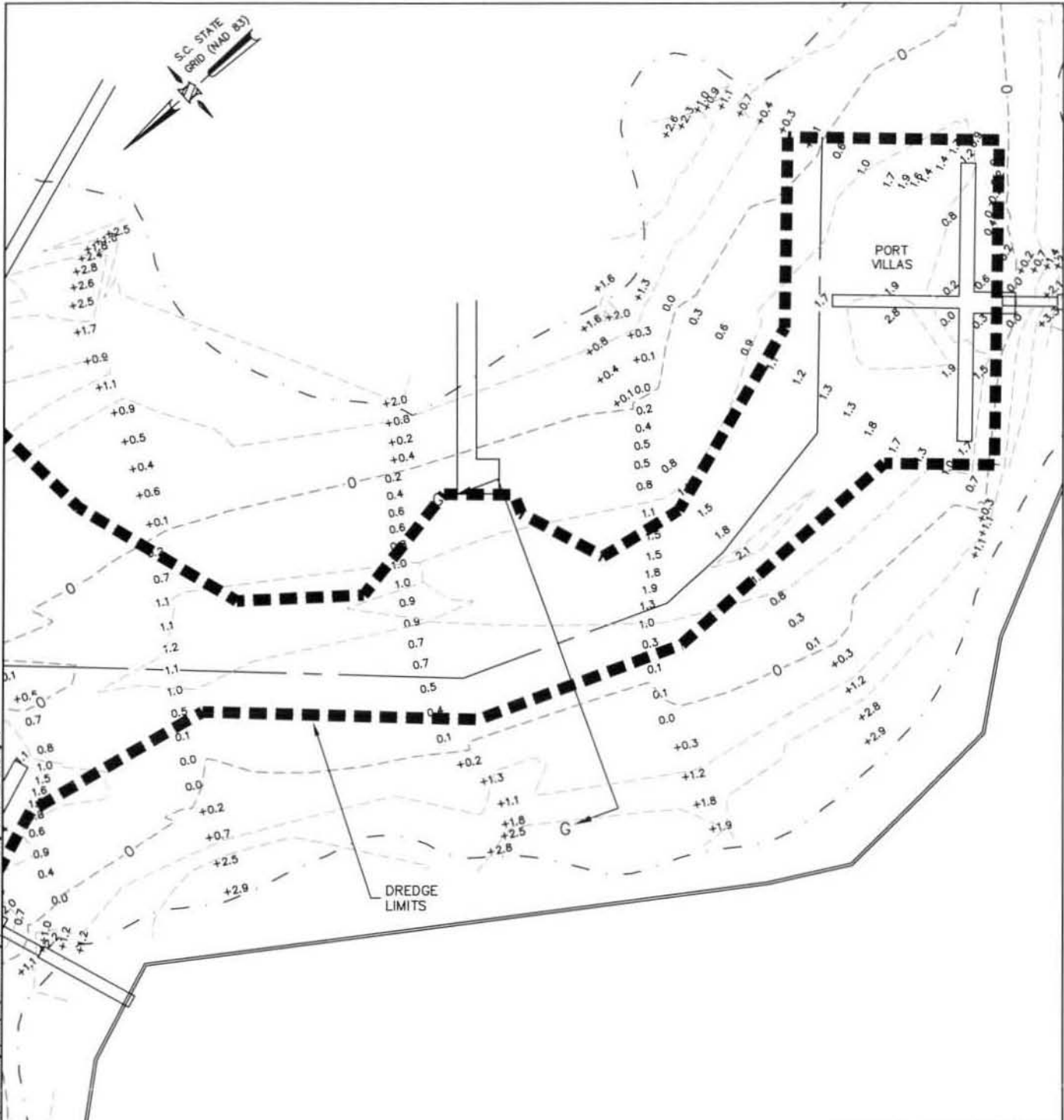
SURVEY DATUM: MLW



SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING
AT: SOUTH BEACH MARINA
IN: HILTON HEAD ISLAND, S.C.
COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA
SHEET: 13 OF 27

DATE: 08/22/12



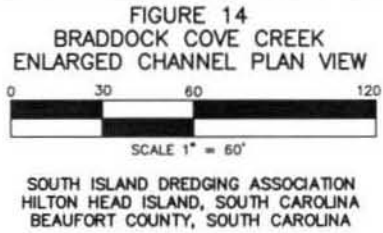
1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

SOUNDINGS REPRESENT EXISTING DEPTHS IN MEAN LOW WATER (MLW) AS OF APRIL 2008

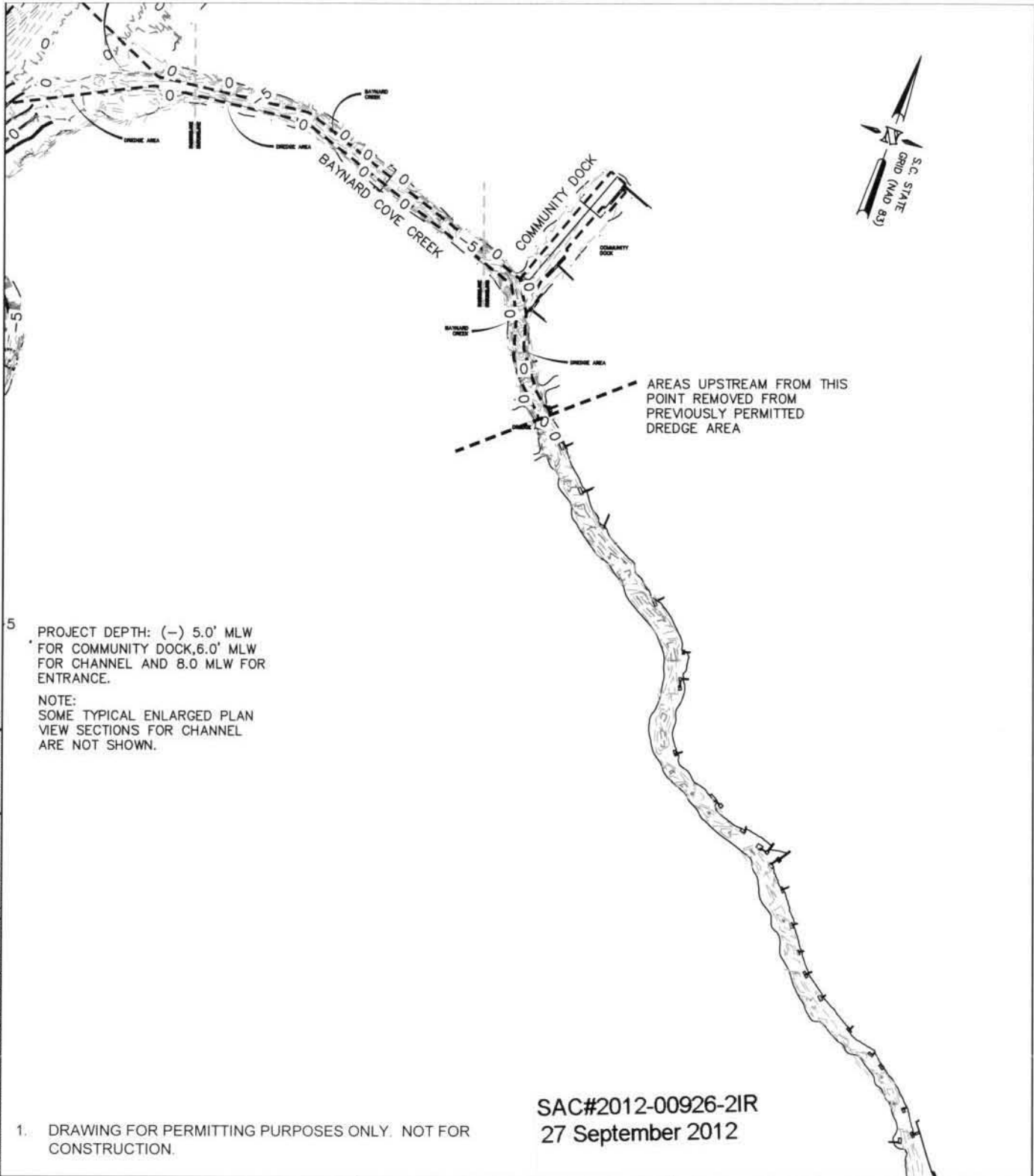
PROJECT DEPTH: (-) 6.0' MLW

PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION
 LATITUDE: 32°06'50.71"N
 LONGITUDE: 80°49'22.61"W
 SURVEY DATUM: MLW



PROPOSED: MAINTENANCE DREDGING
 AT: BRADDOCK COVE CREEK
 IN: HILTON HEAD ISLAND, S.C.
 COUNTY OF: BEAUFORT COUNTY,
 SOUTH CAROLINA
 SHEET: 14 OF 27

GATE=00/00/10



PROJECT DEPTH: (-) 5.0' MLW FOR COMMUNITY DOCK, 6.0' MLW FOR CHANNEL AND 8.0 MLW FOR ENTRANCE.
 NOTE: SOME TYPICAL ENLARGED PLAN VIEW SECTIONS FOR CHANNEL ARE NOT SHOWN.

SAC#2012-00926-2IR
 27 September 2012

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION
 LATITUDE: 32°07'28.14"N
 LONGITUDE: 80°49'07.48"W
 SURVEY DATUM: MLW

FIGURE 15
 BAYNARD COVE CREEK
 PLAN VIEW

SOUTH ISLAND DREDGING ASSOCIATION
 HILTON HEAD ISLAND, SOUTH CAROLINA
 BEAUFORT COUNTY, SOUTH CAROLINA

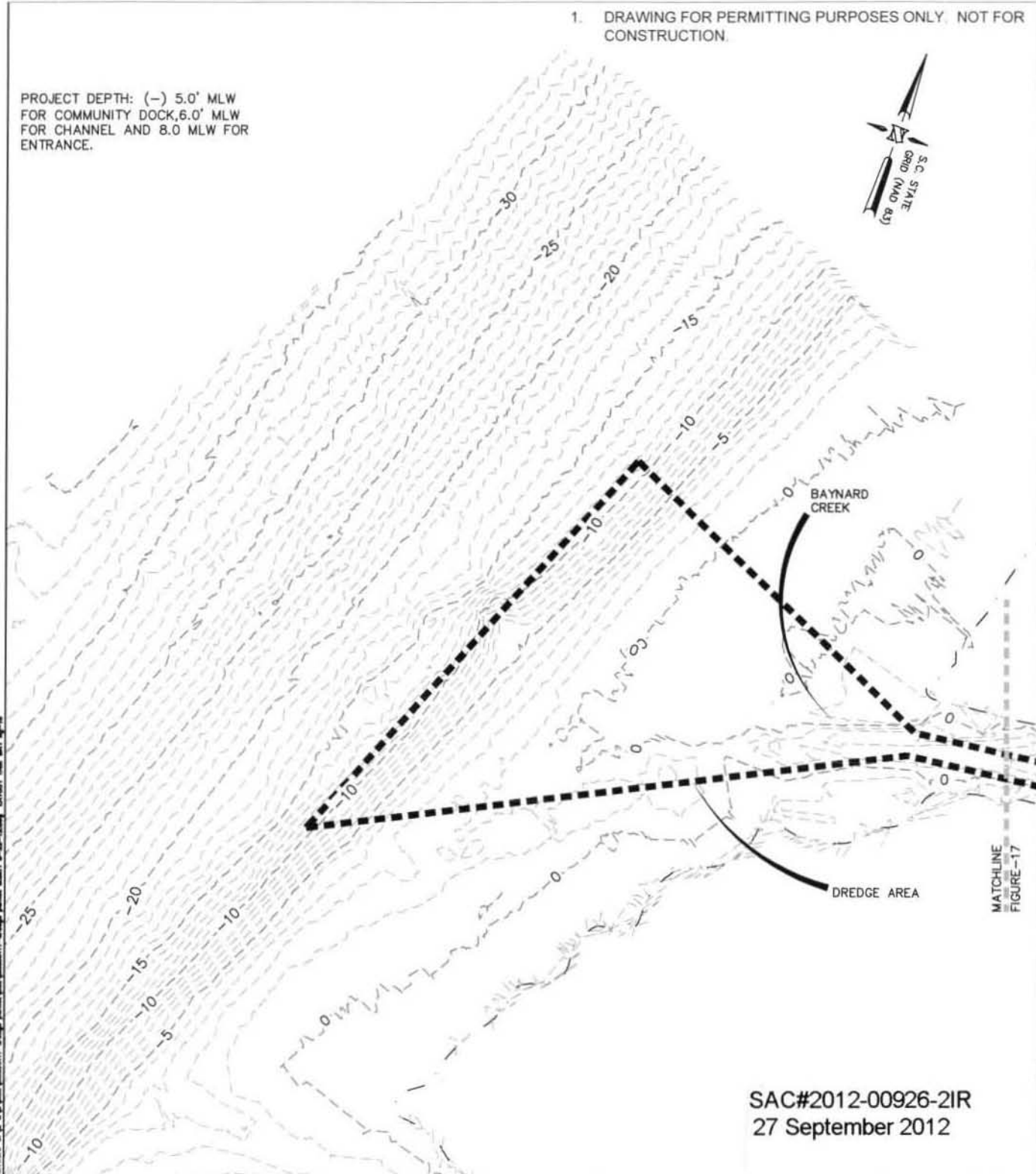
PROPOSED: MAINTENANCE DREDGING
 AT: BAYNARD COVE CREEK
 IN: HILTON HEAD ISLAND, S.C.
 COUNTY OF: BEAUFORT COUNTY, SOUTH CAROLINA
 SHEET: 15 OF 27

DATE: 09/27/12

PLOTTED: Sep 25, 2012 10:58 AM BY: J. B. BISHOP
 FILE LOCATION: G:\2012\Projects\2012-00926-2IR\2012-00926-2IR.dwg
 LAYOUT: TMS.dwg
 SHEET: 15 OF 27

1. DRAWING FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION.

PROJECT DEPTH: (-) 5.0' MLW
FOR COMMUNITY DOCK, 6.0' MLW
FOR CHANNEL AND 8.0 MLW FOR
ENTRANCE.



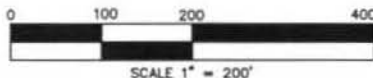
SAC#2012-00926-2IR
27 September 2012

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'28.14"N
LONGITUDE: 80°49'07.48"W

SURVEY DATUM: MLW

FIGURE 16
BAYNARD COVE CREEK
PLAN VIEW



SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: BAYNARD COVE CREEK

IN: HILTON HEAD ISLAND, S.C.

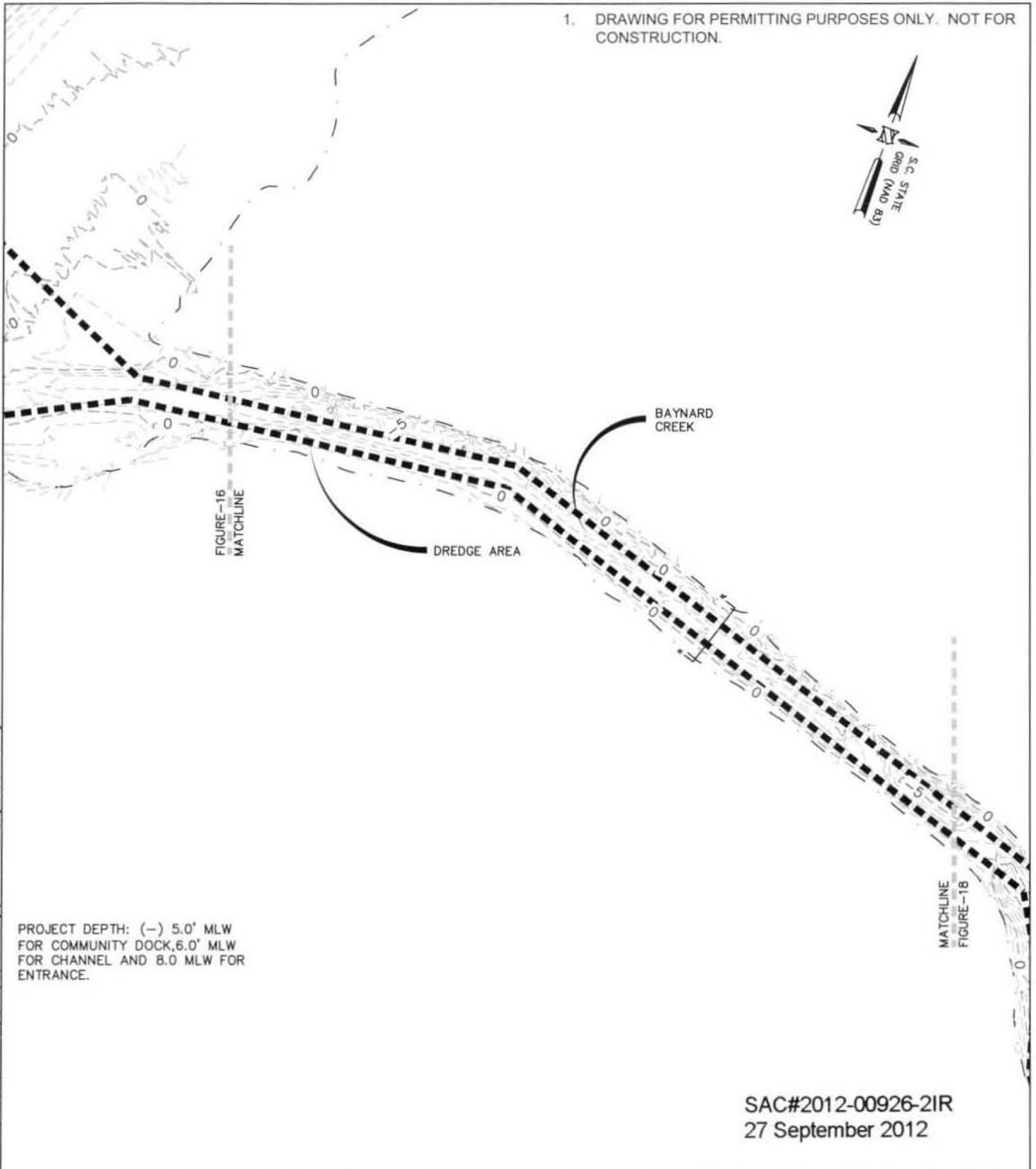
COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 16 OF 27

DATE: 08/28/12

PLotted Aug 28, 2012 - 8:58am BY: JF FILE LOCATION: G:\2012\Projects\2012-00926-2IR\2012-00926-2IR.dwg LAYOUT: T16B.dwg

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.



PROJECT DEPTH: (-) 5.0' MLW
FOR COMMUNITY DOCK, 6.0' MLW
FOR CHANNEL AND 8.0 MLW FOR
ENTRANCE.

SAC#2012-00926-2IR
27 September 2012

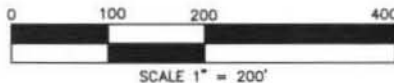
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 PLOTTED: Sep 28, 2012 - 11:07am PLOT: dl FILE LOCATION: C:\Users\johndoe\OneDrive\Documents\2012-09-27\2012-09-27-12.dwg LAYOUT 10A BAY Sp-17

PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'28.14"N
LONGITUDE: 80°49'07.48"W

SURVEY DATUM: MLW

**FIGURE 17
 BAYNARD COVE CREEK
 PLAN VIEW**



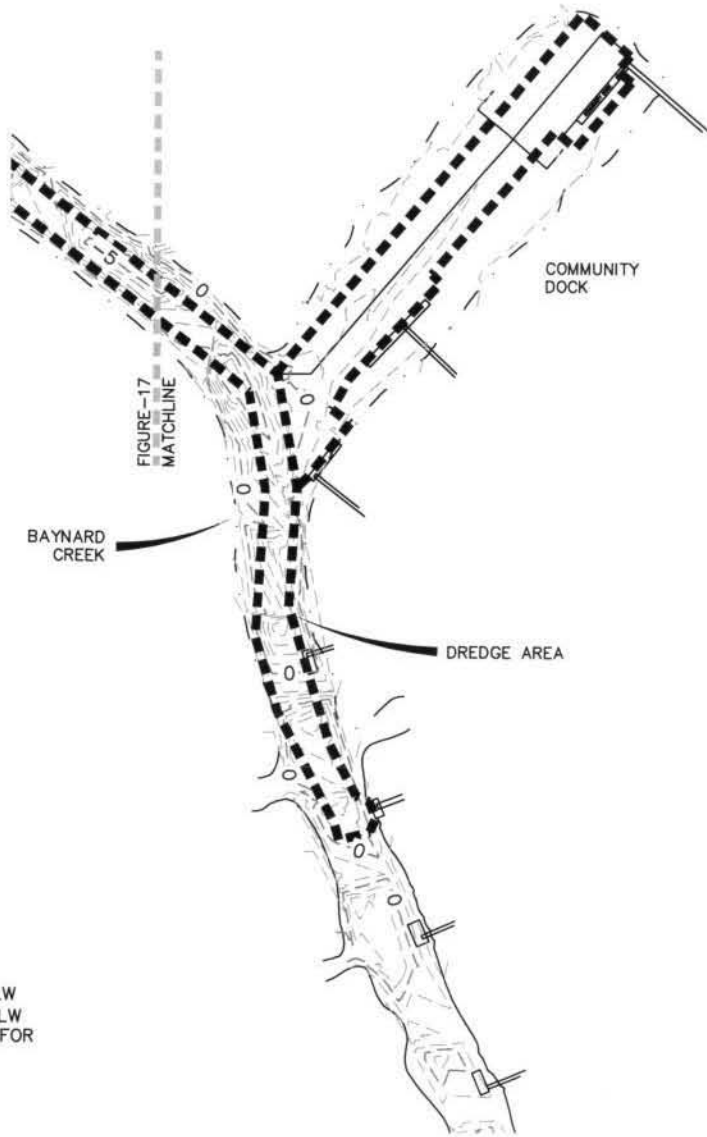
SOUTH ISLAND DREDGING ASSOCIATION
 HILTON HEAD ISLAND, SOUTH CAROLINA
 BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING
 AT: BAYNARD COVE CREEK
 IN: HILTON HEAD ISLAND, S.C.
 COUNTY OF: BEAUFORT COUNTY,
 SOUTH CAROLINA

SHEET: 17 OF 27

DATE: 09/27/12

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.



PROJECT DEPTH: (-) 5.0' MLW
FOR COMMUNITY DOCK, 6.0' MLW
FOR CHANNEL AND 8.0 MLW FOR
ENTRANCE.

SAC#2012-00926-2IR
27 September 2012

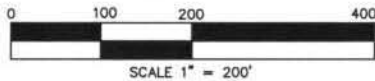
Plotter: Sep 25, 2012 - 8:58am DTG: 01 FILE LOCATION: D:\2012\Projects\GIS\2012-00926-2IR\12-09-2012.dwg LAYOUT TAB: S18-02

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'28.14"N
LONGITUDE: 80°49'07.48"W

SURVEY DATUM: MLW

FIGURE 18
BAYNARD COVE CREEK
PLAN VIEW



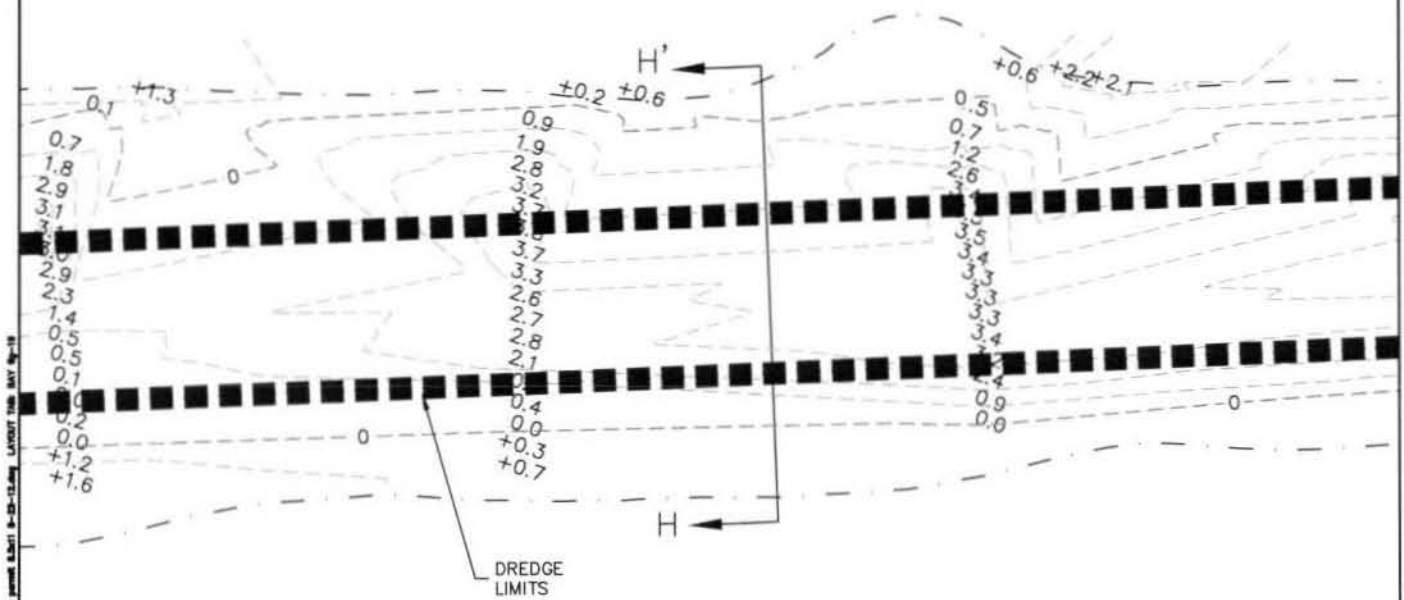
SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING
AT: BAYNARD COVE CREEK
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 18 OF 27

DATE: 09/27/12



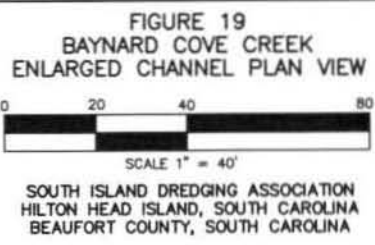
SOUNDINGS REPRESENT EXISTING DEPTHS IN MEAN LOW WATER (MLW) AS OF APRIL 2008

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

PROJECT DEPTH: (-) 6.0' MLW

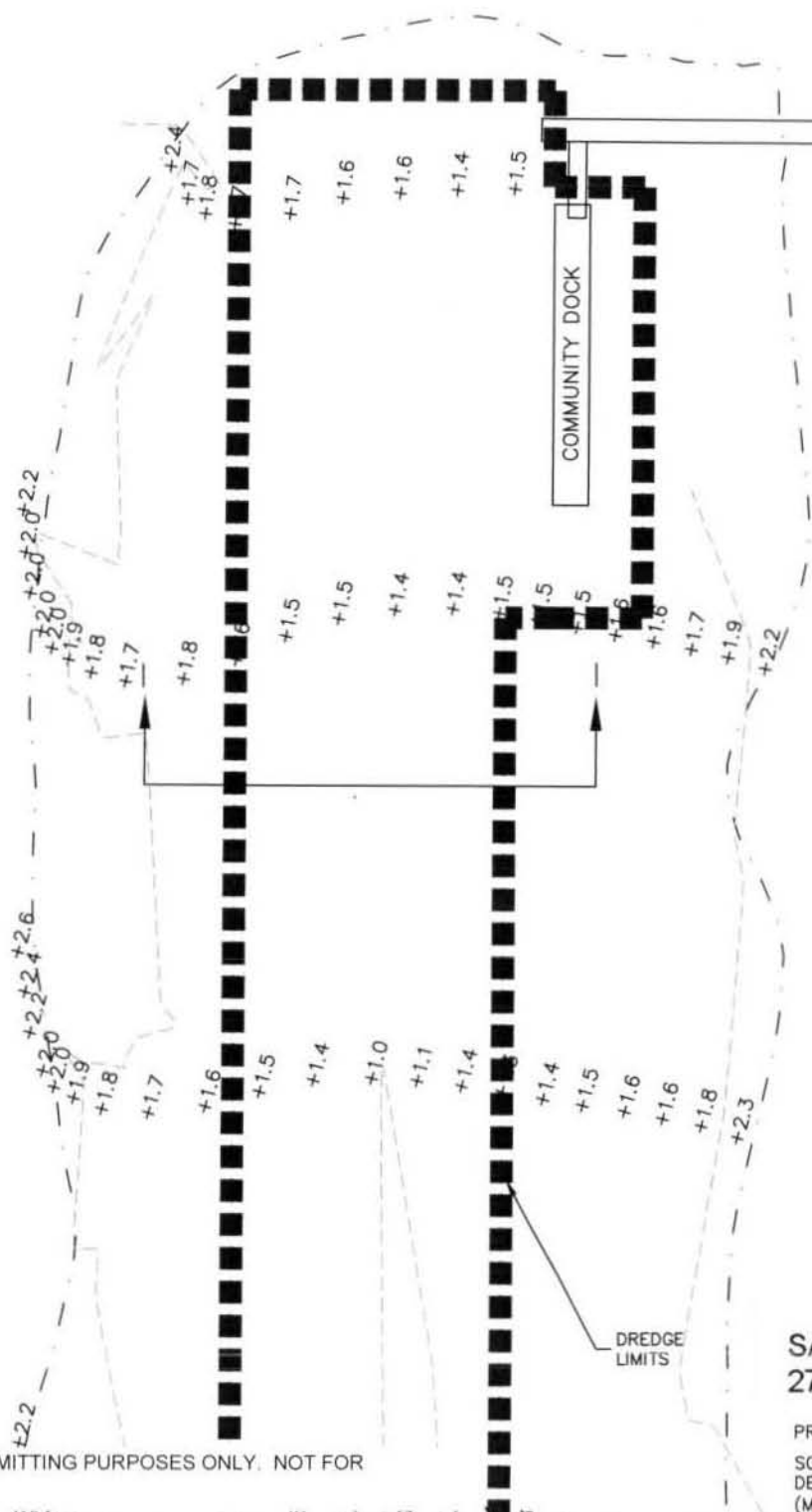
PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION
 LATITUDE: 32°07'26.66"N
 LONGITUDE: 80°49'12.39"W
 SURVEY DATUM: MLW



PROPOSED: MAINTENANCE DREDGING
 AT: BAYNARD COVE CREEK
 IN: HILTON HEAD ISLAND, S.C.
 COUNTY OF: BEAUFORT COUNTY,
 SOUTH CAROLINA
 SHEET: 19 OF 27

DATE: 09/27/2012

C:\Users\jag\Documents\2012-09-27\BAYNARD COVE CREEK\2012-09-27.dwg LAYOUT Tab 19 of 19
 FILE LOCATION: C:\Users\jag\Documents\2012-09-27\BAYNARD COVE CREEK\2012-09-27.dwg
 DATE: 09/27/2012 11:08 AM



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

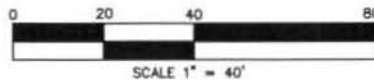
PROJECT DEPTH: (-) 5.0' MLW
SOUNDINGS REPRESENT EXISTING DEPTHS IN MEAN LOW WATER (MLW) AS OF APRIL 2008

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'30.58"N
LONGITUDE: 80°49'01.76"W

SURVEY DATUM: MLW

FIGURE 20
BAYNARD COVE CREEK
ENLARGED PLAN VIEW



SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: BAYNARD COVE CREEK (COMMUNITY DOCK)

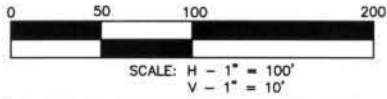
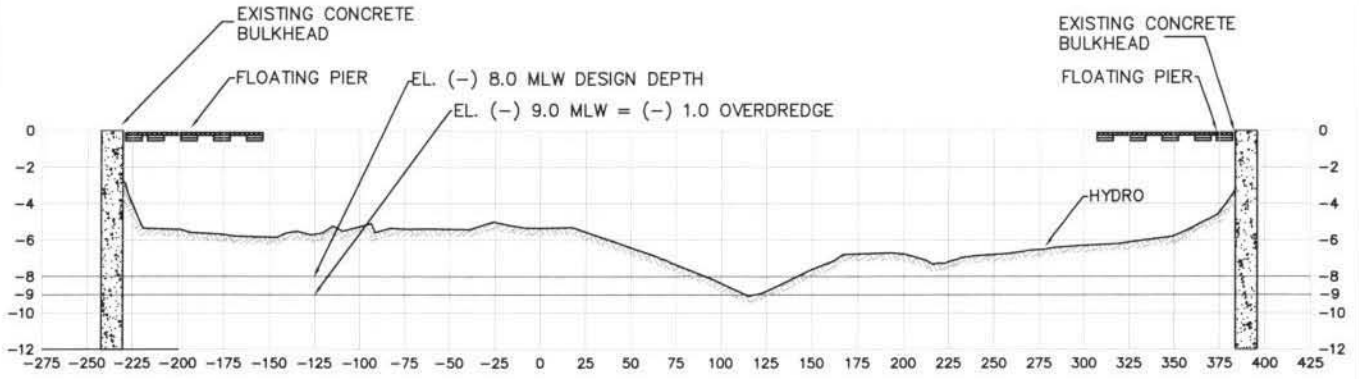
IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

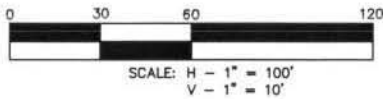
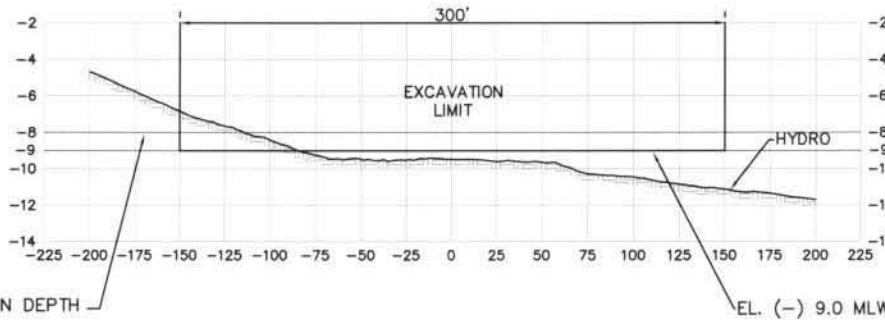
SHEET: 20 OF 27

DATE: 09/27/12

HARBOR TOWN MARINA A-A'



HARBOR TOWN MARINA B-B'



SAC#2012-00926-21R
27 September 2012

MLW - MEAN LOW WATER

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°08'16.98"N
LONGITUDE: 80°48'42.92"W

SURVEY DATUM: MLW

FIGURE 21
CROSS SECTIONS
HARBOR TOWN MARINA

SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING

AT: HARBOR TOWN MARINA

IN: HILTON HEAD ISLAND, S.C.

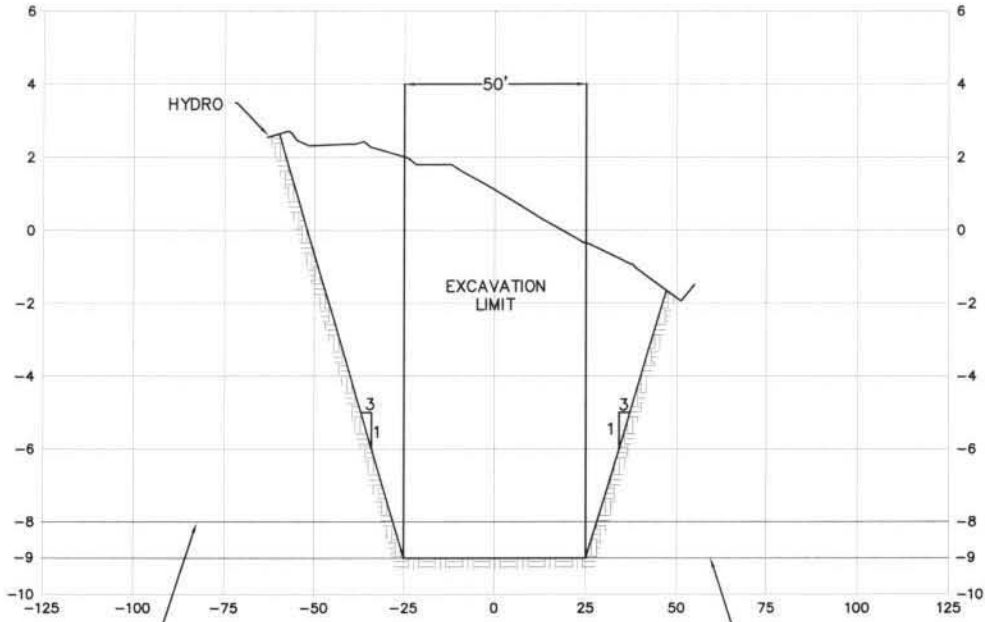
COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 21 OF 27

DATE: 09/27/12

PLOTTER: Sep 25, 2012 - 8:34am BY: jll FILE LOCATION: S:\2012\00926-21R\Cross Sections\A-A' & B-B'.dwg LAYOUT: Title 3'-000 8x-31

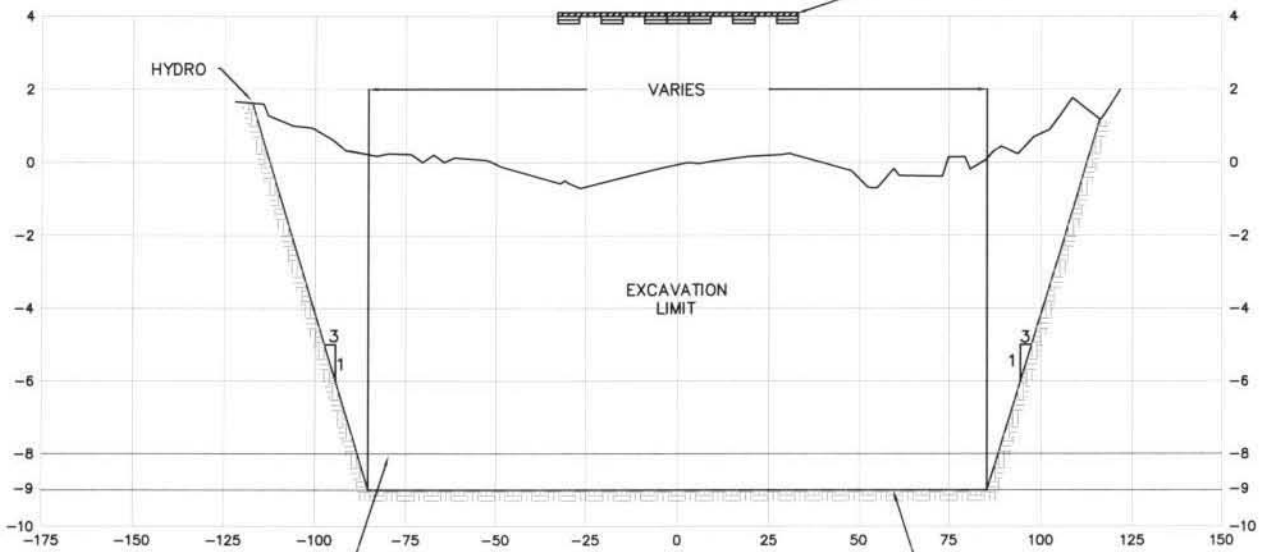
BRADDOCK COVE CREEK C-C'



EL. (-) 8.0 MLW DESIGN DEPTH

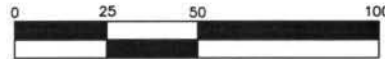
EL. (-) 9.0 MLW = (-) 1.0 OVERDREDGE

GULL POINT MARINA D-D'



EL. (-) 8.0 MLW DESIGN DEPTH

EL. (-) 9.0 MLW = (-) 1.0 OVERDREDGE



MLW - MEAN LOW WATER

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'09.54"N
 LONGITUDE: 80°49'24.97"W

SURVEY DATUM: MLW
SAC#2012-00926-21R
 27 September 2012

FIGURE 22
 CROSS SECTIONS
 BRADDOCK COVE CREEK

SOUTH ISLAND DREDGING ASSOCIATION
 HILTON HEAD ISLAND, SOUTH CAROLINA
 BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING
 AT: BRADDOCK COVE CREEK
 IN: HILTON HEAD ISLAND, S.C.

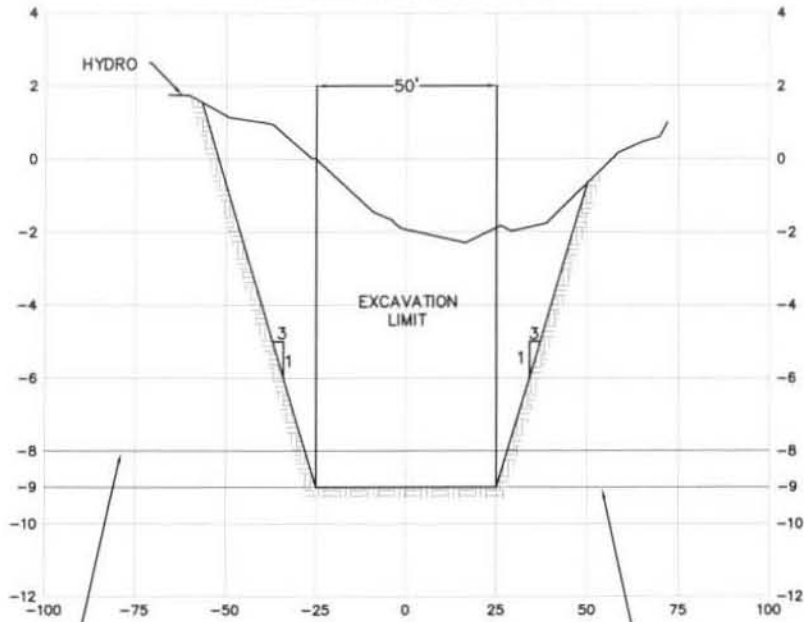
COUNTY OF: BEAUFORT COUNTY,
 SOUTH CAROLINA

SHEET: 22 OF 27

DATE: 09/27/12

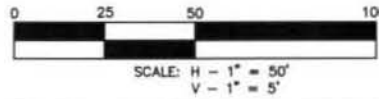
PLOTTED: Sep 25, 2012 8:54am BY: JH FILE LOCATION: G:\Projects\2012\00926-21R\2012-09-25-12.dwg LAYOUT: 2012-09-25

BRADDOCK COVE CREEK - E-E'

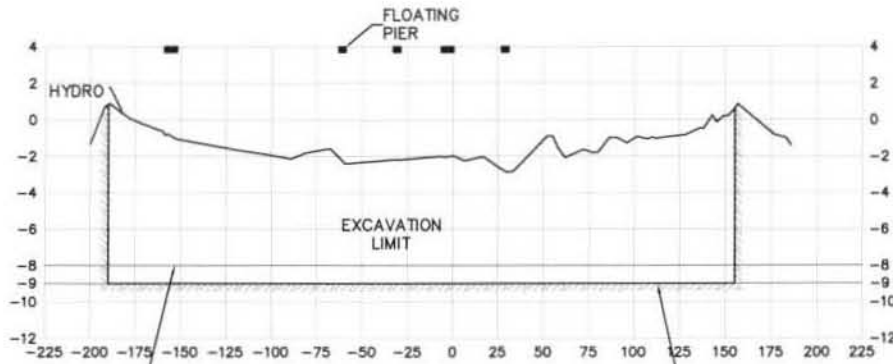


EL. (-) 8.0 MLW DESIGN DEPTH

EL. (-) 9.0 MLW = (-) 1.0 OVERDREDGE

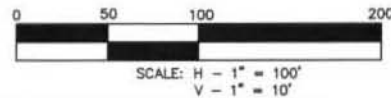


SOUTH BEACH MARINA - F-F'



EL. (-) 8.0 MLW DESIGN DEPTH

EL. (-) 9.0 MLW = (-) 1.0 OVERDREDGE



MLW - MEAN LOW WATER

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°06'58.79"N
 LONGITUDE: 80°49'26.40"W

SURVEY DATUM: MLW
SAC#2012-00926-21R
 27 September 2012

FIGURE 23
 CROSS SECTIONS
 BRADDOCK COVE CREEK

SOUTH ISLAND DREDGING ASSOCIATION
 HILTON HEAD ISLAND, SOUTH CAROLINA
 BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING
 AT: BRADDOCK COVE CREEK
 IN: HILTON HEAD ISLAND, S.C.

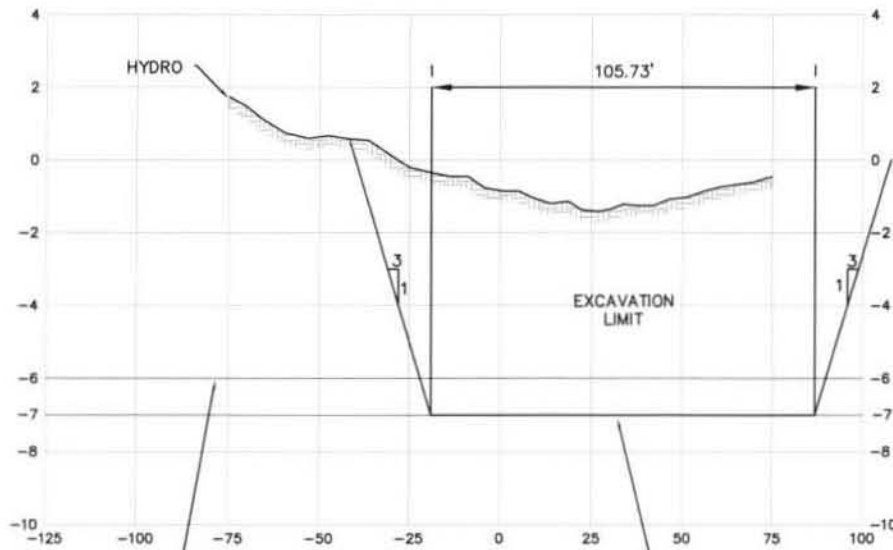
COUNTY OF: BEAUFORT COUNTY,
 SOUTH CAROLINA

SHEET: 23 OF 27

DATE: 09/27/12

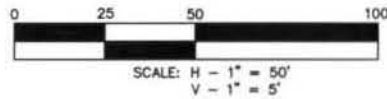
P:\2012\09_25_2012 - 8.14am 811.dwg FILE LOCATION: G:\2012\09_25_2012\09_25_2012.dwg PLOT DATE: 09/27/12 10:48:23 AM

BRADDOCK COVE CREEK G-G'



EL. (-) 6.0 MLW DESIGN DEPTH

EL. (-) 7.0 MLW = (-) 1.0 OVERDREDGE



1. DRAWING FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION
 LATITUDE: 32°06'51.97"N
 LONGITUDE: 80°49'20.74"W

SURVEY DATUM: MLW
SAC#2012-00926-21R
 27 September 2012

FIGURE 24
 CROSS SECTIONS
 BRADDOCK COVE CREEK

SOUTH ISLAND DREDGING ASSOCIATION
 HILTON HEAD ISLAND, SOUTH CAROLINA
 BEAUFORT COUNTY, SOUTH CAROLINA

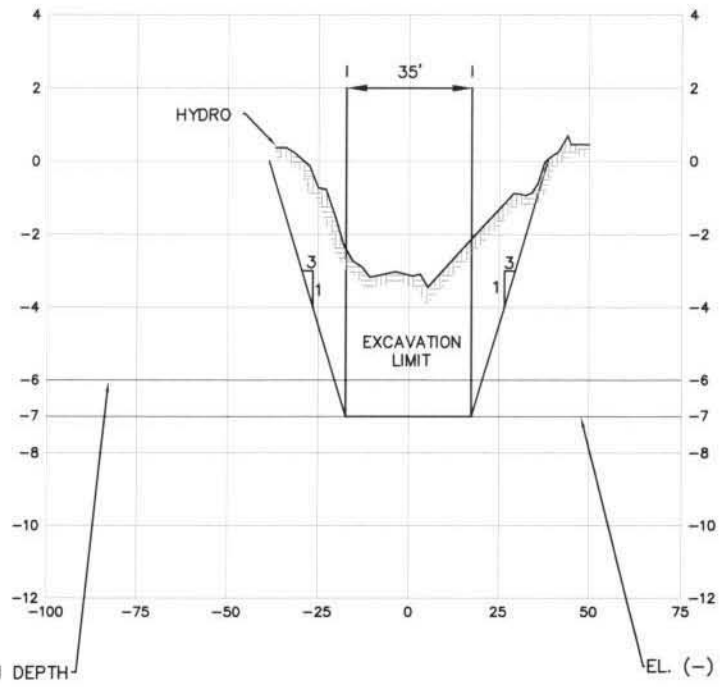
PROPOSED: MAINTENANCE DREDGING
 AT: BRADDOCK COVE CREEK
 IN: HILTON HEAD ISLAND, S.C.
 COUNTY OF: BEAUFORT COUNTY,
 SOUTH CAROLINA

SHEET: 24 OF 27

DATE: 09/27/12

PLOTTED: Sep 26, 2012 10:38:58 AM FILE LOCATION: G:\Projects\2012\2012-00926-21R\2012-00926-21R.dwg LAYOUT: TMS 10-000 10-000

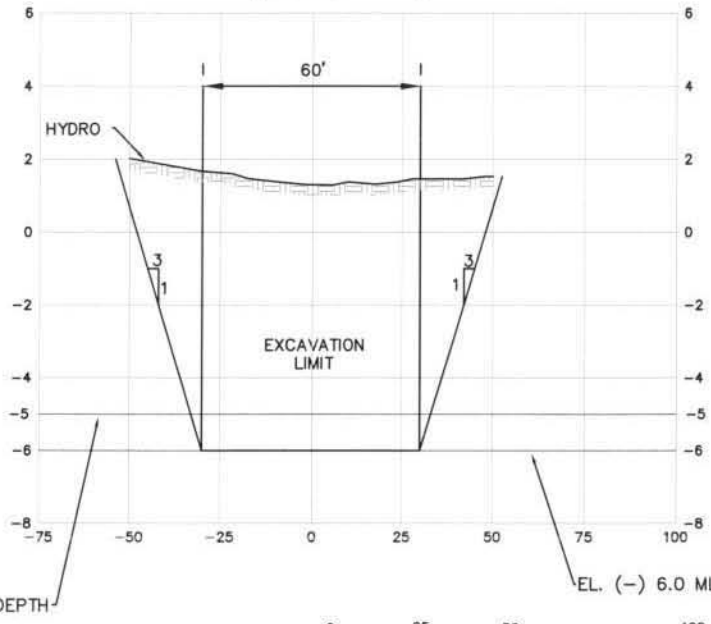
BAYNARD COVE CREEK H-H'



EL. (-) 6.0 MLW DESIGN DEPTH

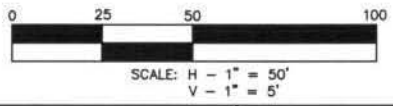
EL. (-) 7.0 MLW = (-) 1.0 OVERDREDGE

BAYNARD COVE CREEK I-I'
(COMMUNITY DOCK)



EL. (-) 5.0 MLW DESIGN DEPTH

EL. (-) 6.0 MLW = (-) 1.0 OVERDREDGE



MLW - MEAN LOW WATER

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: MAINTENANCE DREDGING
 APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'28.88"N
 LONGITUDE: 80°49'08.85"W

SURVEY DATUM: MLW
 SAC#2012-00926-21R
 27 September 2012

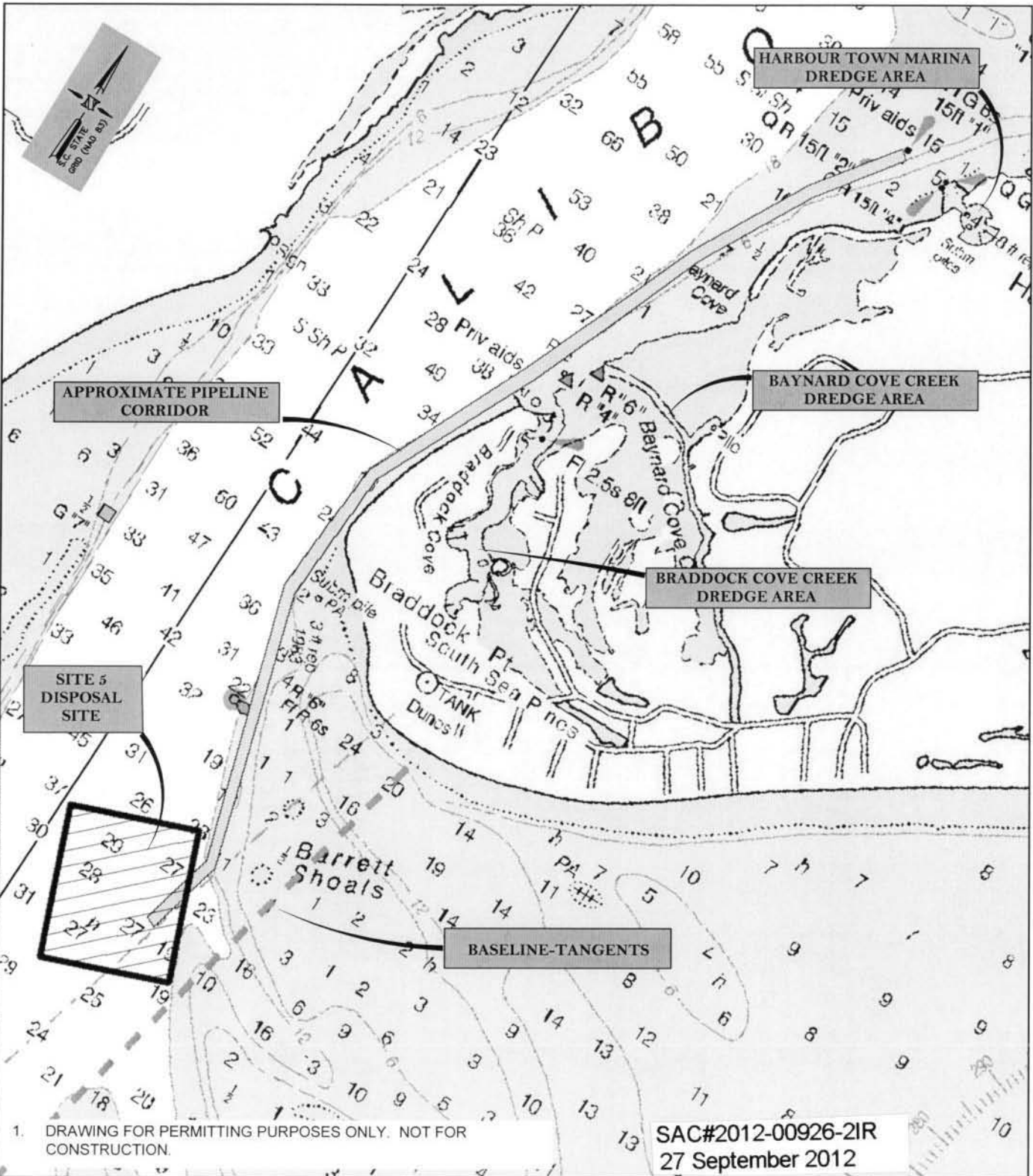
FIGURE 25
 CROSS SECTIONS
 BAYNARD COVE CREEK

SOUTH ISLAND DREDGING ASSOCIATION
 HILTON HEAD ISLAND, SOUTH CAROLINA
 BEAUFORT COUNTY, SOUTH CAROLINA

PROPOSED: MAINTENANCE DREDGING
 AT: BAYNARD COVE CREEK
 IN: HILTON HEAD ISLAND, S.C.
 COUNTY OF: BEAUFORT COUNTY, SOUTH CAROLINA
 SHEET: 25 OF 27

DATE: 09/27/12

PLOTTED: Sep 26, 2012 - 6:54am BY: dfr FILE LOCATION: Q:\P-2012\00926-21R\CADD\2012-09-26-15.dwg LAYOUT: 25a X=860 Y=280



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

PURPOSE: MAINTENANCE DREDGING
APPLICANT: SOUTH ISLAND DREDGING ASSOCIATION

LATITUDE: 32°07'24.25"N
LONGITUDE: 80°48'49.69"W

SURVEY DATUM: NGVD MLW

FIGURE 26
DISPOSAL SITE



SOUTH ISLAND DREDGING ASSOCIATION
HILTON HEAD ISLAND, SOUTH CAROLINA
BEAUFORT COUNTY, SOUTH CAROLINA

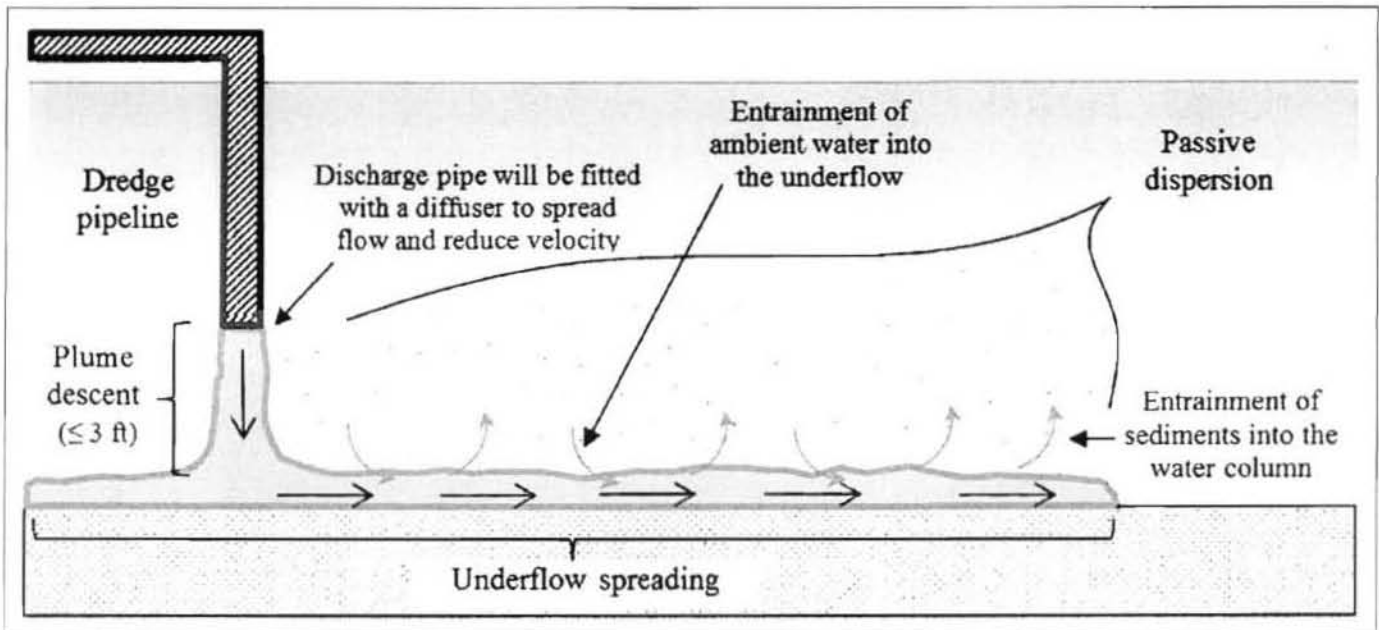
PROPOSED: MAINTENANCE DREDGING
AT: BRADDOCK COVE CREEK, BAYNARD COVE CREEK
HARBOUR TOWN, GULL POINT AND SOUTH BEACH
MARINAS

IN: HILTON HEAD ISLAND, S.C.

COUNTY OF: BEAUFORT COUNTY,
SOUTH CAROLINA

SHEET: 26 OF 27

PLOTTED: Sep 25, 2012 - 6:55am BY: ghl FILE LOCATION: C:\G-213\Sub\Auto\0911-dredge permit\0911-dredge permit 8.5.11 8-22-12.dwg LAYOUT: VAB DISPOSAL SITE 8-2



(Adapted from Teeter, in Thovenot et al., 1992).

1. DRAWING FOR PERMITTING PURPOSES ONLY.
NOT FOR CONSTRUCTION.

SAC#2012-00926-2IR
27 September 2012

<p>PURPOSE: MAINTENANCE DREDGING</p> <p>LATITUDE: 32°07'24.25"</p> <p>LONGITUDE: 80°48'49.69"</p> <p>SURVEY DATUM: NGVD MLW</p> <p>SHEET: 27 OF 27 DATE: 09/20/12</p>	<p>FIGURE 27</p> <p>PLACEMENT SITE DISCHARGE SCHEMATIC</p> <p>SOUTH ISLAND DREDGING ASSOCIATION HILTON HEAD ISLAND, SOUTH CAROLINA BEAUFORT COUNTY, SOUTH CAROLINA</p>	<p>PROPOSED: MAINTENANCE DREDGING</p> <p>AT: BRADDOCK COVE CREEK, BAYNARD COVE CREEK, HARBOUR TOWN, GULL POINT AND SOUTH BEACH MARINAS, PORT VILLAS</p> <p>IN: HILTON HEAD ISLAND</p> <p>COUNTY: BEAUFORT COUNTY, SC</p>
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