

JOINT
PUBLIC NOTICE

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

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 SAC-2016-00736

7 JUNE 2016

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. BRUCE WALLACE
THE HARBORAGE AT ASHLEY MARINA
C/O MR. JACK WALKER
MARCOL DREDGING COMPANY
2015 COSGROVE AVENUE
NORTH CHARLESTON, SOUTH CAROLINA 29405

for a permit to perform maintenance dredging in the

ASHLEY RIVER

at a location, the existing "Harborage at Ashley Marina" (Ashley Marina) located on the eastern shore of the Ashley River in Charleston, Charleston County, South Carolina (Latitude: 32.7815 °N, Longitude: -79.9560 °W), Charleston Quad.

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** until

15 Days from the Date of this Notice,

and **SCDHEC** will receive written statements regarding the proposed work 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 performing maintenance dredging in a portion of an existing

marina. In detail, the applicant proposes to dredge approximately 6,000 cubic yards of fine silty clay material from a 2.03 acre area with a cutterhead suction dredge and dispose of the dredged material as described below.

Existing bottom elevations in the proposed dredged area, as indicated in Figures 5-R and 6-R range from approximately -2.0 feet referenced to mean low water (mlw) in the northeast corner of the proposed dredge area to approximately -14.0 feet mlw in the southwest corner. The proposed dredge depth is to elevation -7.0 feet mlw with a 1.0 foot over dredge for a maximum dredge depth of -8.0 feet mlw. Approximately 6,000 cubic yards of sediments need to be dredged to achieve the proposed dredge depth in the noted area.

Due to the lack of an Upland Dredged Material Disposal Facility in the area of the Ashley Marina, HPR proposes to dredge the sediments using a hydraulic cutter head dredge and transported via pipeline to a mechanical dewatering apparatus/plant which will be staged in the adjacent parking lot (please see Figure 8 of the attached drawings). The return waters will be gravity released back to the adjacent Ashley River. The dewatered sediments will be removed via dump trucks for final disposal in an Agency approved disposal site.

HPR proposes to conduct maintenance dredging and dredge sediment dewatering and subsequent disposal using "Best Management Practices" during all stages of the project(s). Best Management Practices will include, but not be limited to, the methods listed below:

- Constant monitoring of the dewatering lay-down area to insure that no dredged sediments are returned to the adjacent Ashley River.

The Contractor will take measures to assure that no waters containing sediments will be returned to the surrounding marsh/waterway. These measures will include, but not be limited to, surrounding the lay-down area with hay bales and/or geotextile filter cloth.

The Contractor will install one mixing tank with a "scalping screen," belt filter presses and a weir tank at the temporary dewatering lay-down area. The dredged slurry will be slowly pumped via pipe line. The initial step will be to pump the dredged slurry through a scalping screen to separate sand and oversized material. After the scalping screen the slurry will be fed into the mixing tank for holding prior to being fed to the filter press/presses for dewatering. The dewatered filter cake will be deposited in a stockpile in the lay-down area and subsequently removed/transported to a COE/SCDHEC approved upland disposal area. The dewatered filter cake stock pile will have minimal percent water and will not release water to the surrounding marsh or waterway. The belt press filtrate water will be fed through a weir tank for final clarification and discharge into the adjacent waterway. Solids that accumulate in the weir tank will be removed periodically and fed back into the mixing tank for re-processing through the filter press.

- Constant monitoring of the dewatering plant discharge to ensure that the effluent does not contain elevated levels of suspended solids returned to the Ashley River.

As noted above, the belt press filtrate water will be fed through a weir tank for final clarification and discharged into the adjacent waterway only as clear water. This process will be constantly monitored the entire time the dewatering process is underway. Solids that accumulate in the weir tank will be removed periodically and fed back into the mixing tank for re-processing through the filter press.

Due to the nature of the proposed work, which is maintenance dredging, the applicant has not proposed mitigation. The purpose of the proposed work is to allow vessels using the existing marina facility to access the proposed dredge area during all stages of the tide and to allow access to the surrounding Ashley River and beyond..

NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> . For those unable to access the website, a copy of this notice and the associated plans will be provided, upon receipt of a written request. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided. Your request should be addressed to the

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

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 of the Coastal Zone Management Program (15 CFR 930). This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. 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 2.03 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's 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). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer 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

7 JUNE 2016

properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(1)), and has initially determined that no historic properties are present; therefore, there will be no effect on historic properties. To ensure that other historic properties 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 and any other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

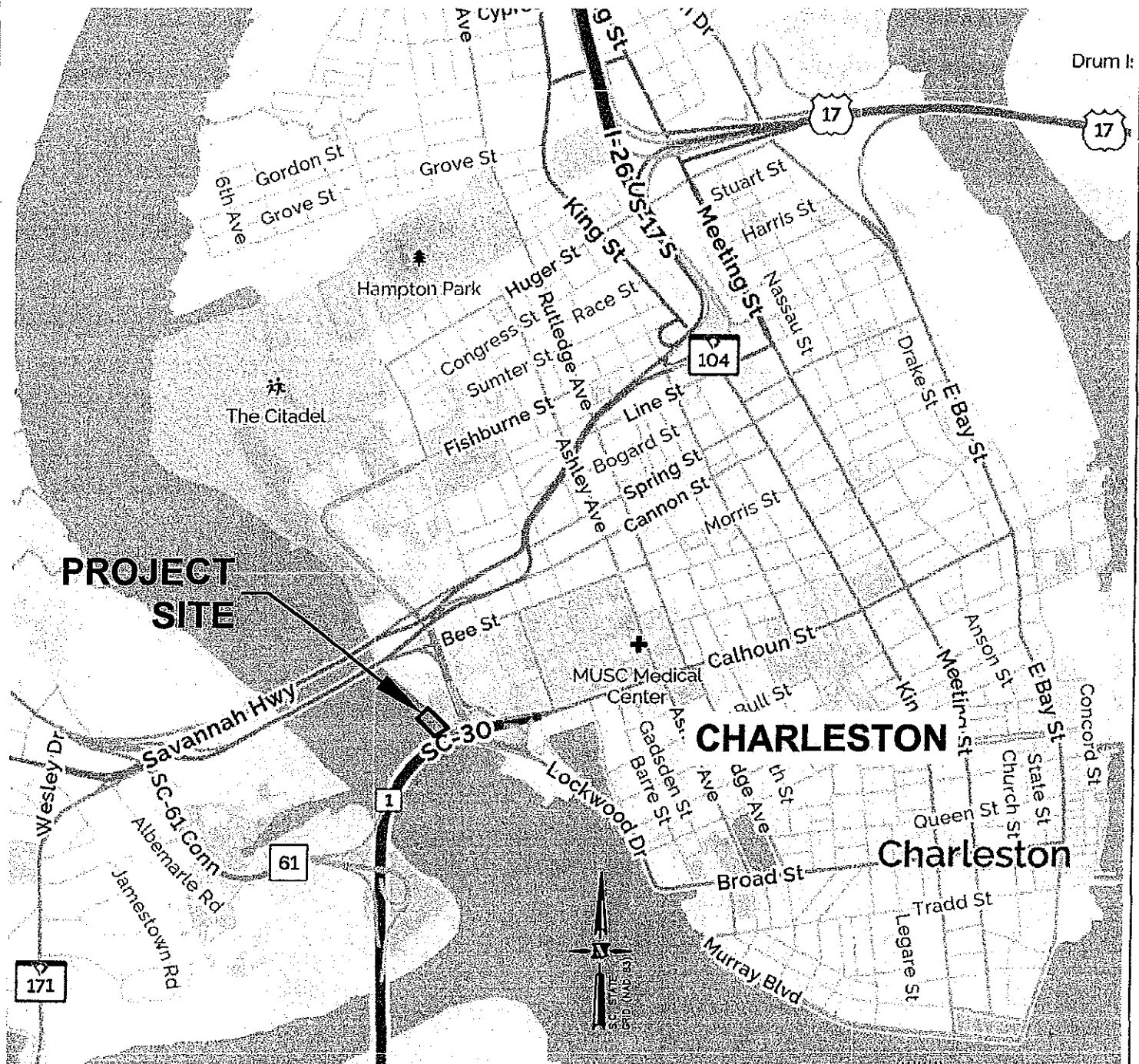
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

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 cannot undertake to adjudicate rival claims.

The Corps 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 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.

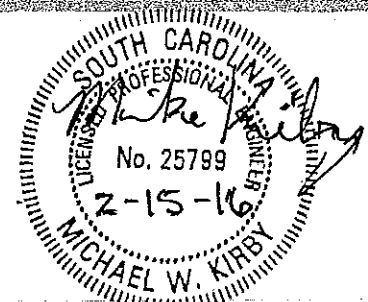
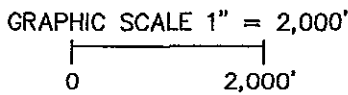
If there are any questions concerning this public notice, please contact Mary Hope Green, Project Manager, at 843-329-8034 or toll free at 1-866-329-8187.

FOR PERMITTING PURPOSES ONLY - DO NOT USE FOR CONSTRUCTION



LOCATION MAP

LATITUDE: 32° 46' 54" N
LONGITUDE: -79° 57' 28" W

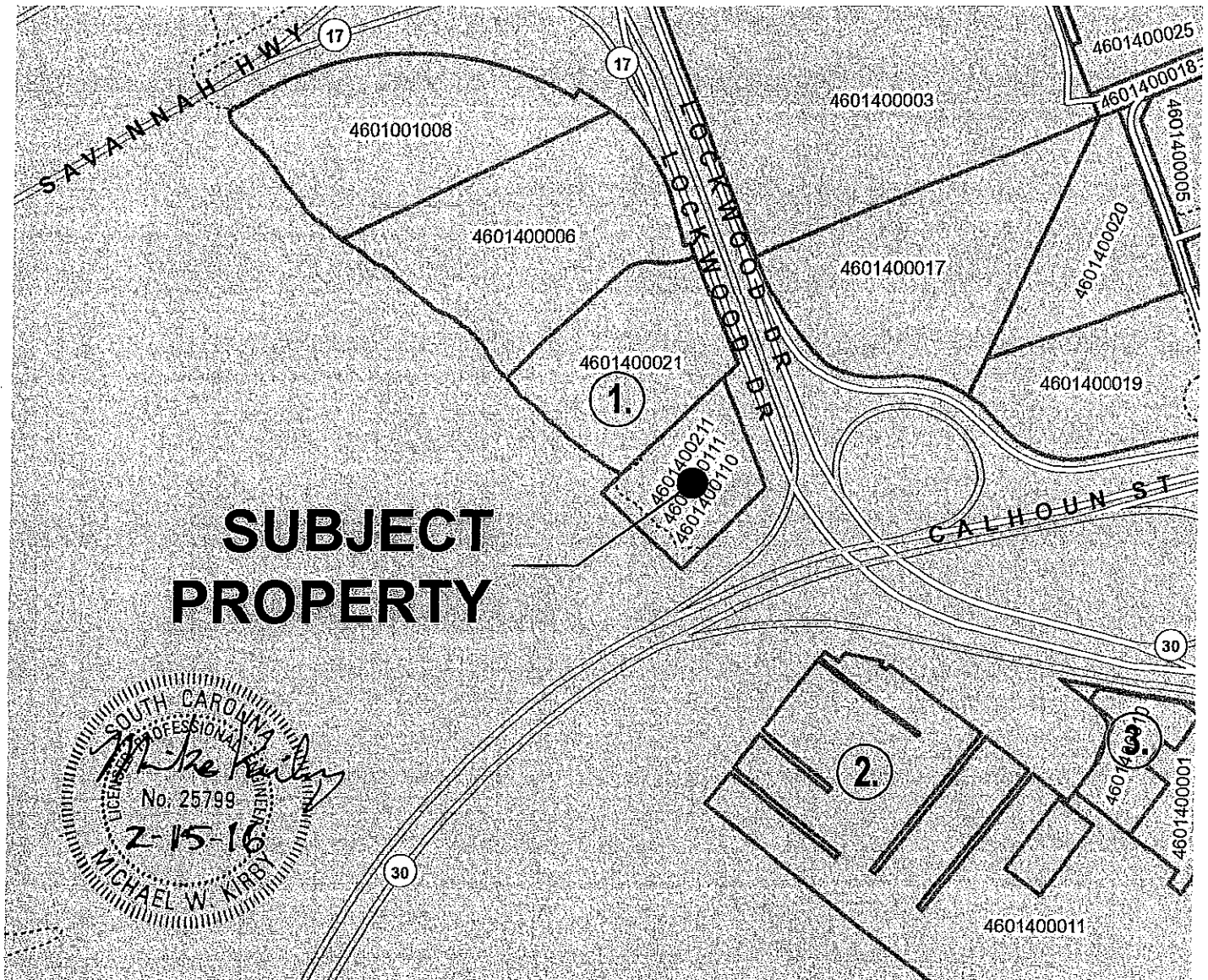


PROJECT NAME: THE HARBORAGE AT ASHLEY MARINA MAINTENANCE DREDGING
CITY/TOWN: CHARLESTON
RIVER/WATER BODY: ASHLEY RIVER
COUNTY: CHARLESTON **STATE:** S.C.

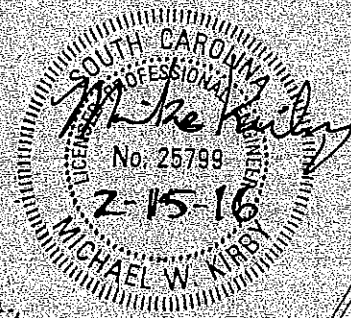
PROPOSED ACTIVITY: MAINTENANCE DREDGING IN THE MARINA BASIN TO PROVIDE ADEQUATE WATER DEPTH FOR BOAT MOORING AND ACCESS TO NAVIGABLE WATERS FOR RECREATIONAL PURPOSES FOR HARBORAGE AT ASHLEY MARINA PATRONS.

OWNER: THE HARBORAGE AT ASHLEY MARINA
AGENT: MARCOL DREDGING COMPANY
 2015 COSGROVE AVE.
 NORTH CHARLESTON, SC 29405
 ATTN.: JACK WALKER
 (843) 747-2177

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SUBJECT PROPERTY



SUBJECT PROPERTY:
 THE HARBORAGE AT ASHLEY MARINA
 33 LOCKWOOD DRIVE
 CHARLESTON, SC 29401

1. BCH LOCKWOOD, LLC
 &
 VICKTOR J. MILLS, BLDNG. 100
 2743 PERIMETER PARKWAY
 APT. 370
 AUGUSTA, GEORGIA 30909

2. CITY COUNCIL OF CHARLESTON
 P.O. BOX 759
 CHARLESTON, SC 29402-0759

3. CITY COUNCIL OF CHARLESTON
 P.O. BOX 20474
 CHARLESTON, SC 29413-0474

ADJACENT PROPERTY OWNERS MAP

LATITUDE: 32° 46' 54" N
LONGITUDE: -79° 57' 28" W

NOT TO SCALE

PROJECT NAME: THE HARBORAGE AT ASHLEY MARINA MAINTENANCE DREDGING
CITY/TOWN- CHARLESTON
RIVER/WATER BODY- ASHLEY RIVER
COUNTY- CHARLESTON **STATE-** S.C.

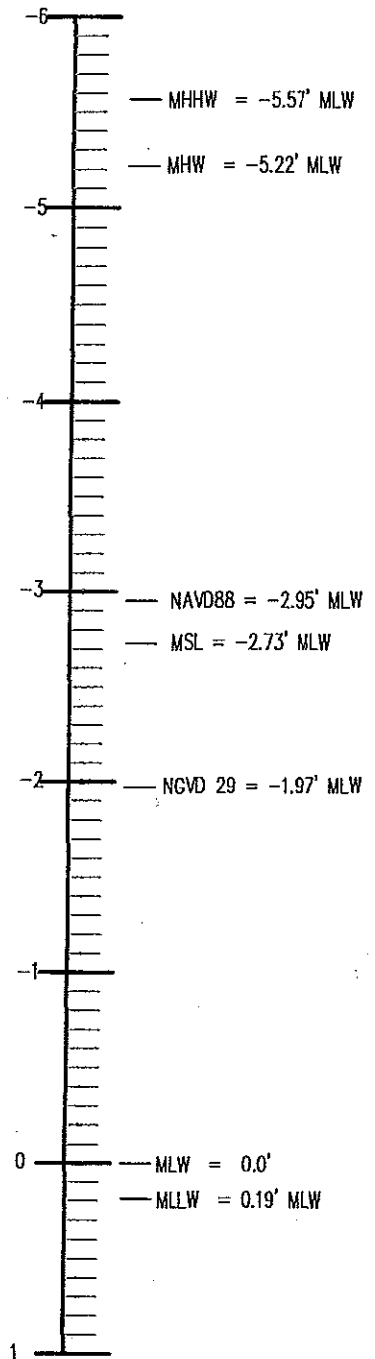
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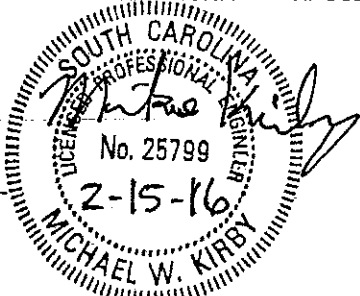
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SURVEY NOTES:

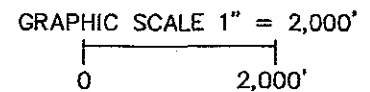
1. SOUNDINGS WERE TAKEN BY ODOM ECHO TRAC CVM AND ARE EXPRESSED IN FEET AND TENTHS BELOW MEAN LOW WATER.
2. PROPOSED DREDGE DEPTH 7.0' MLW .
3. MEAN TIDAL RANGE: APPROX. 5.3 FEET.
4. THE AREA SHOWN BY THIS CHART IS SUBJECT TO SILTING. THE ACTUAL DEPTHS FOLLOWING THE DATE OF THE SURVEY MAY BE LESS THAN THE DEPTHS SHOWN. THESE DEPTHS WERE FOUND ON 4-9-15.
5. HORIZONTAL COORDINATES SYSTEM: REFERENCE TO SOUTH CAROLINA STATE GRID (NAD 83).
6. ALL INFORMATION SHOWN OUTSIDE OF SURVEY AREA IS FOR INFORMATIONAL PURPOSES ONLY.
7. SOME DEPTHS HAVE BEEN OMITTED FOR CLARITY PURPOSES BASED UPON THE SCALE OF THE DRAWING. VOLUME CALCULATIONS UTILIZE ALL AVAILABLE DATA POINTS FROM SURVEY INFORMATION.
8. VERTICAL DATUM: MEAN LOW WATER (MLW) WAS ESTABLISHED BY A TRIMBLE RTK SURVEY GRADE GPS ON THE SOUTH CAROLINA VRS NETWORK BASED ON NAVD 88 AND WAS CONVERTED USING NOAA VDATUM PROGRAM.
9. GEOGRAPHIC COORDINATES ARE BASED NAD 83 AND WERE ESTABLISHED BY TRIMBLE RTK SURVEY GRADE GPS ON THE SOUTH CAROLINA VRS NETWORK AND TRIMBLE GEO XH MAPPING GRADE GPS.
10. DUE TO MOVEMENT OF DOCKS BY TIDAL INFLUENCE , SOME DEPTHS ARE SHOWN ON DOCKS.
11. ALL INFORMATION SHOWN OUTSIDE OF SURVEY AREA IS FOR INFORMATIONAL PURPOSES ONLY AND WAS TAKEN FROM GIS.



TIDE SCALE



TIDE DATUM RELATIONSHIP SCALE



LATITUDE: 32° 46' 54" N
LONGITUDE: -79° 57' 28" W

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CITY/TOWN: CHARLESTON
RIVER/WATER BODY: ASHLEY RIVER
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PROPOSED ACTIVITY: —
 MAINTENANCE DREDGING IN THE MARINA BASIN TO PROVIDE ADEQUATE WATER DEPTH FOR BOAT MOORING AND ACCESS TO NAVIGABLE WATERS FOR RECREATIONAL PURPOSES FOR HARBORAGE AT ASHLEY MARINA PATRONS.

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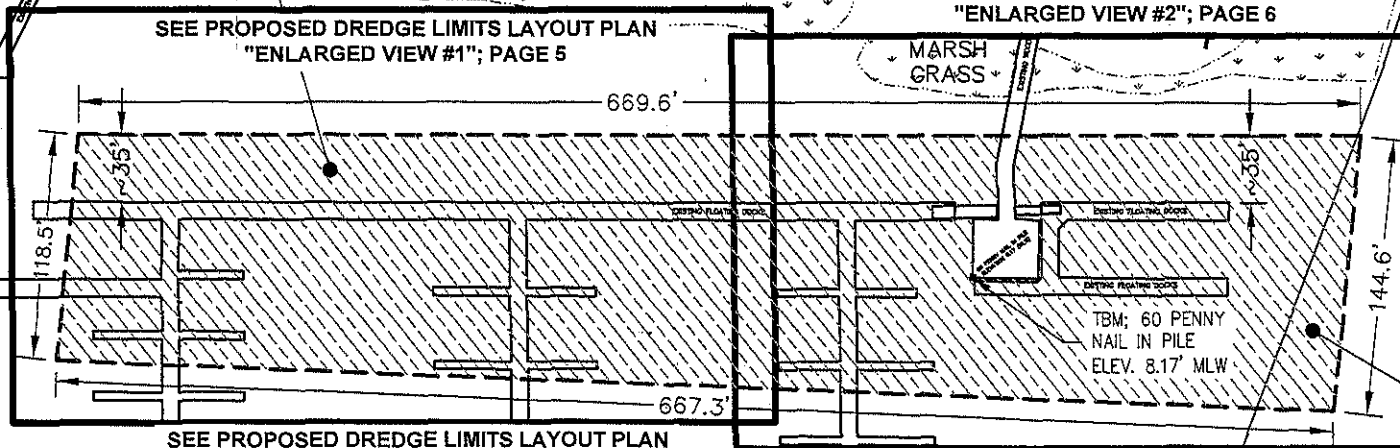
HATCHING INDICATES PROPOSED DREDGE AREA. REFER TO SHEET 5 & 6 FOR ENLARGED VIEW WITH SOUNDINGS

EXISTING 'HARBORAGE' PARKING LOT; AREA TO BE USED FOR TEMPORARY DE-WATERING PLANT FOR DREDGED MATERIAL. REFER TO PAGE 8 FOR MORE INFORMATION.

MARSH GRASS

SEE PROPOSED DREDGE LIMITS LAYOUT PLAN "ENLARGED VIEW #2"; PAGE 6

SEE PROPOSED DREDGE LIMITS LAYOUT PLAN "ENLARGED VIEW #1"; PAGE 5



HATCHING INDICATES PROPOSED DREDGE AREA. REFER TO SHEET 5 & 6 FOR ENLARGED VIEW WITH SOUNDINGS

SEE PROPOSED DREDGE LIMITS LAYOUT PLAN "ENLARGED VIEW #1"; PAGE 5

SEE PROPOSED DREDGE LIMITS LAYOUT PLAN "ENLARGED VIEW #2"; PAGE 6

EXISTING FLOATING DOCKS (TYPICAL)

JAMES ISLAND CONNECTOR

GRAPHIC SCALE 1" = 100'

PROPOSED DREDGE LIMITS LAYOUT PLAN & KEY SHEET

LATITUDE: 32° 46' 54" N
LONGITUDE: -79° 57' 28" W

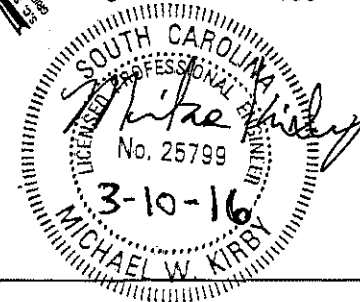
THE SCDHEC-OCRM CRITICAL LINE WAS VERIFIED BY STEVE BROOKS ON JULY 31, 2012.

REVISION 1: 03-10-16; ADD CRITICAL LINE NOTE.

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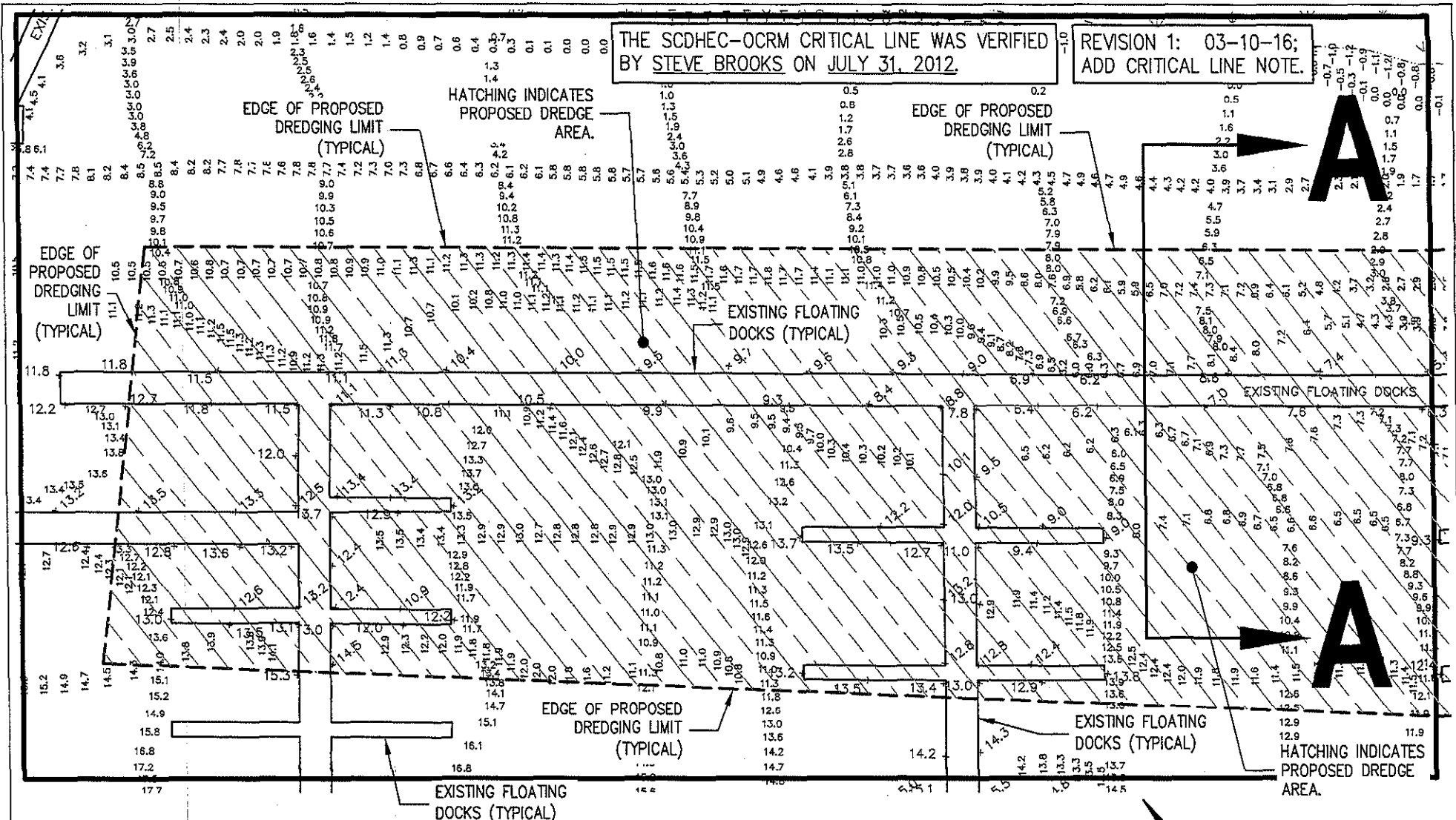


DATE- 02/15/16

REVISION DATE- 03/10/16

PAGE- 4-R OF 8

SCALE: AS SHOWN



PROPOSED DREDGE LIMITS LAYOUT PLAN; ENLARGED VIEW #1

LATITUDE: 32° 46' 54" N
LONGITUDE: -79° 57' 28" W

ALL SOUNDINGS REFERENCED TO MEAN LOW WATER (MLW) VERTICAL DATUM.

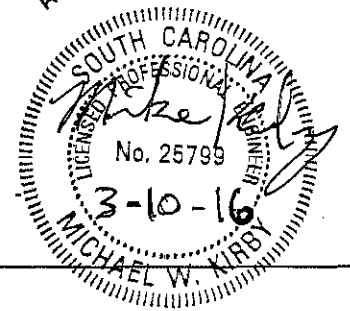
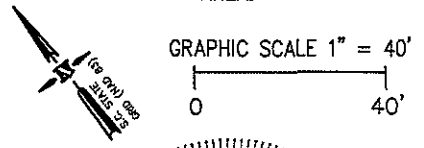
REFER TO PAGE 7 FOR CROSS SECTION A-A AND B-B.

FOR PERMITTING PURPOSES ONLY - DO NOT USE FOR CONSTRUCTION

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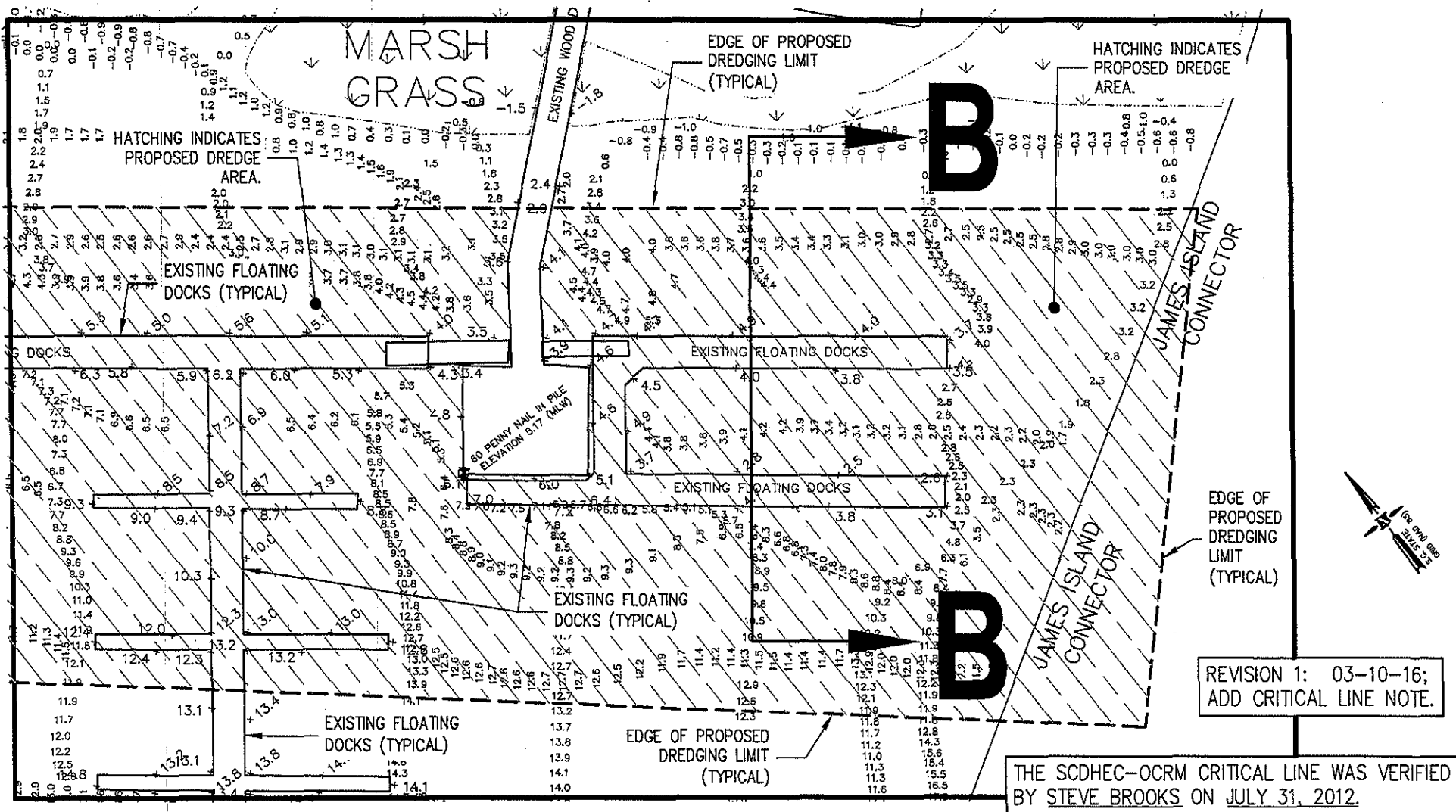


DATE- 02/15/16

REVISION DATE- 03/10/16

PAGE- 5-R OF 8

SCALE: AS SHOWN



PROPOSED DREDGE LIMITS LAYOUT PLAN; ENLARGED VIEW #2

LATITUDE: 32° 46' 54" N
LONGITUDE: -79° 57' 28" W

ALL SOUNDINGS REFERENCED TO MEAN LOW WATER (MLW) VERTICAL DATUM.

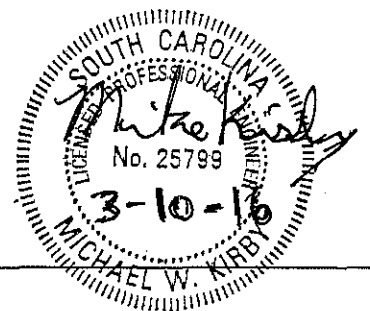
REFER TO PAGE 7 FOR CROSS SECTION A-A AND B-B.

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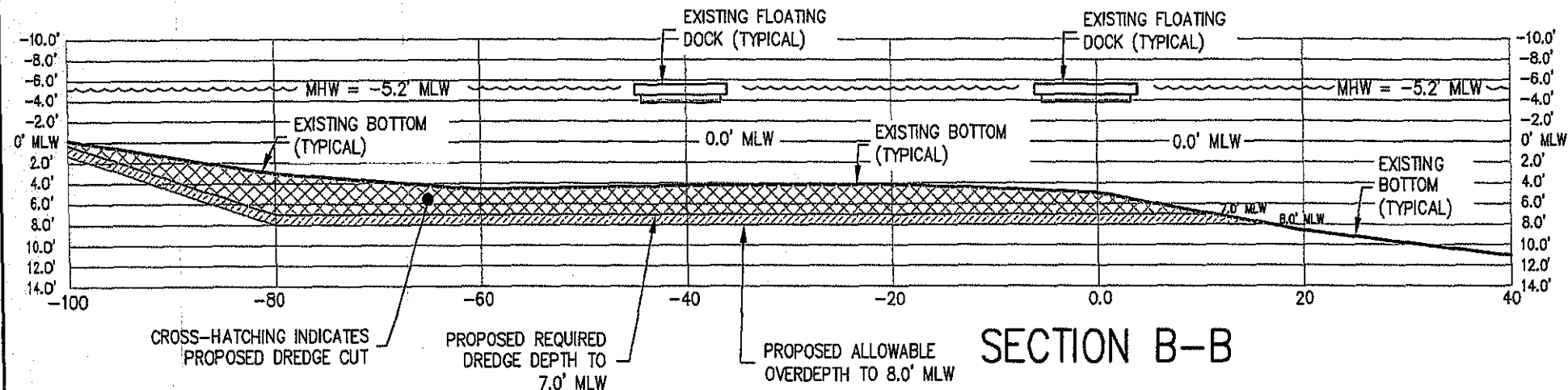
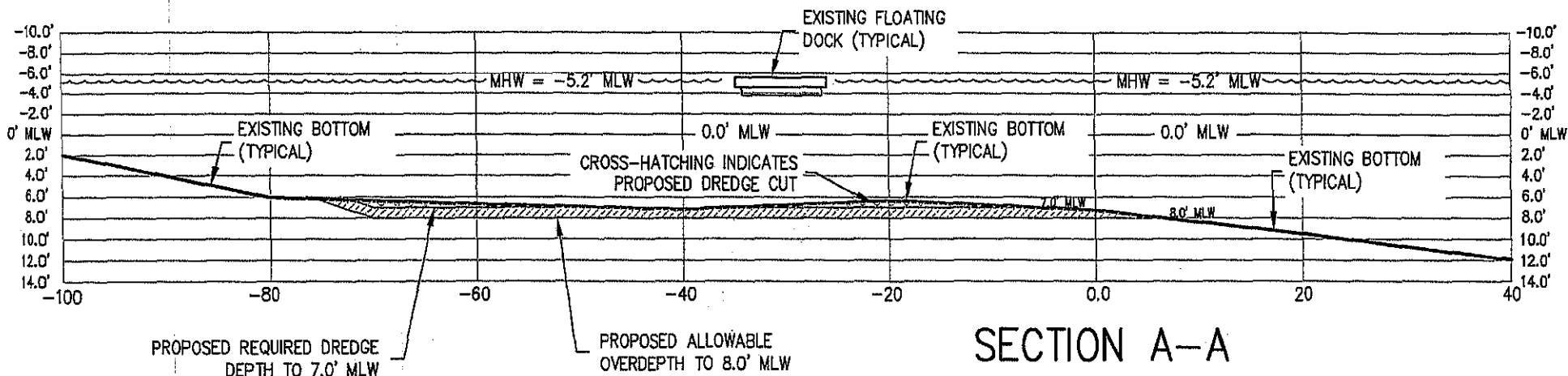
DATE: 02/15/16

REVISION DATE: 03/10/16

PAGE: 6-R OF 8

SCALE: AS SHOWN

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PROPOSED DREDGE CUT CROSS-SECTIONS

LATITUDE: 32° 46' 54" N
LONGITUDE: -79° 57' 28" W

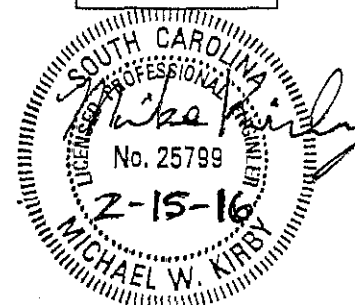
ALL ELEVATIONS REFERENCED TO MEAN
 LOW WATER (MLW) VERTICAL DATUM.

NOT TO SCALE

PROJECT NAME: THE HARBORAGE AT ASHLEY MARINA MAINTENANCE DREDGING
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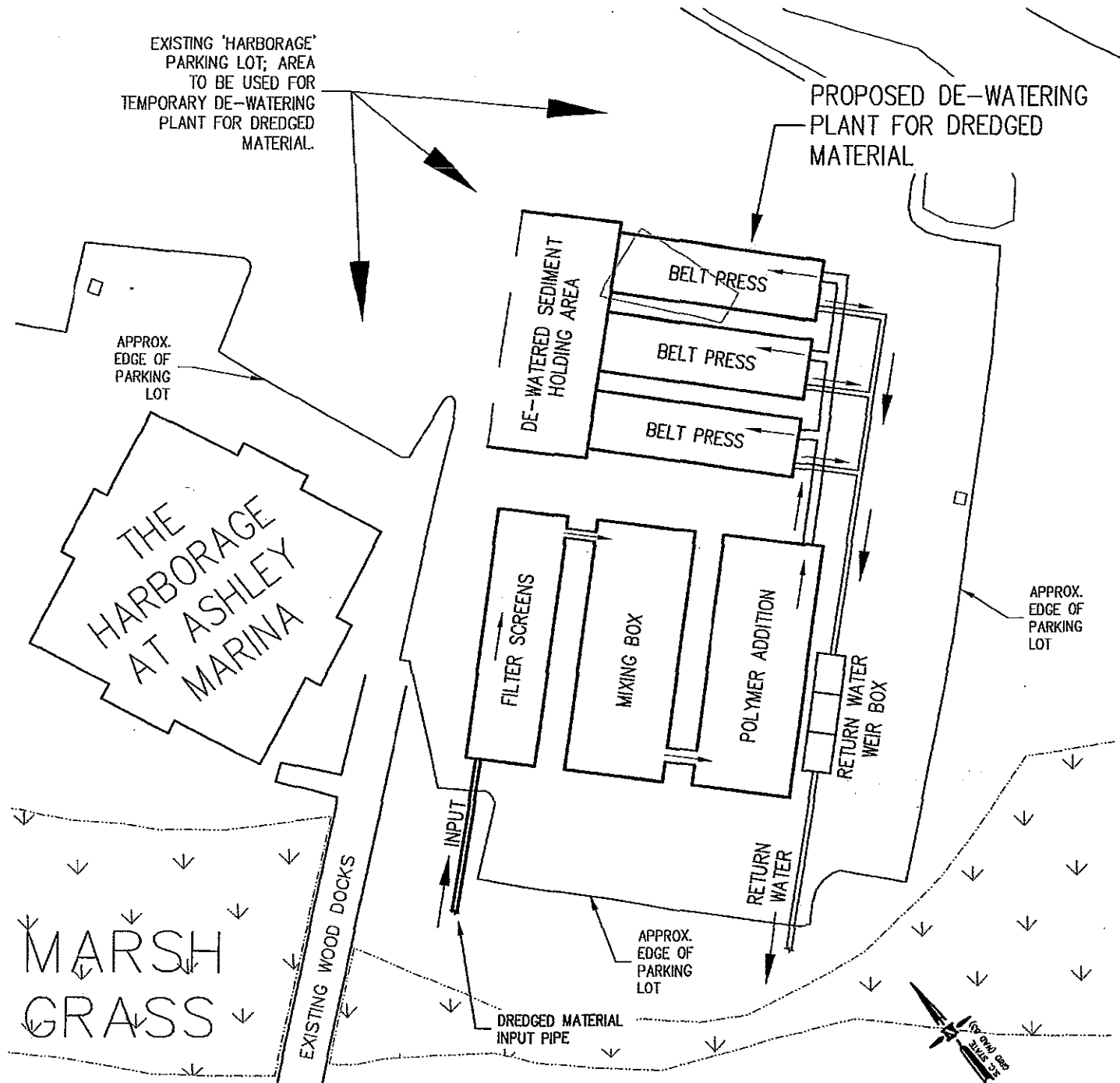


DATE: 02/15/16

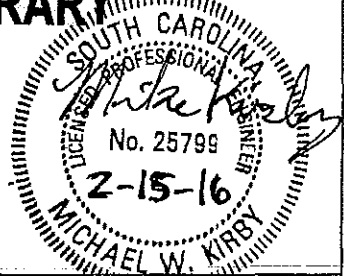
PAGE: 7 OF 8

SCALE: AS SHOWN

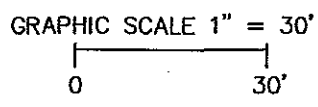
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PROPOSED DEWATERING PLANT FOR TEMPORARY STORAGE OF DREDGED MATERIAL



LATITUDE: 32° 46' 54" N
LONGITUDE: -79° 57' 28" W



<p>PROJECT NAME: THE HARBORAGE AT ASHLEY MARINA MAINTENANCE DREDGING CITY/TOWN: CHARLESTON RIVER/WATER BODY: ASHLEY RIVER COUNTY: CHARLESTON STATE: S.C.</p>	<p>PROPOSED ACTIVITY: MAINTENANCE DREDGING IN THE MARINA BASIN TO PROVIDE ADEQUATE WATER DEPTH FOR BOAT MOORING AND ACCESS TO NAVIGABLE WATERS FOR RECREATIONAL PURPOSES FOR HARBORAGE AT ASHLEY MARINA PATRONS.</p>	<p>OWNER: THE HARBORAGE AT ASHLEY MARINA AGENT: MARCOL DREDGING COMPANY 2015 COSGROVE AVE. NORTH CHARLESTON, SC 29405 ATTN.: JACK WALKER (843) 747-2177</p>
<p>DATE: 02/15/16</p>	<p>PAGE: 8 OF 8</p>	<p>SCALE: AS SHOWN</p>