



US Army Corps  
Of Engineers  
Wilmington District

# PUBLIC NOTICE

Issue Date: March 20, 2017  
Comment Deadline: April 19, 2017  
Corps Action ID Number: SAW-2005-00748

The Wilmington District, Corps of Engineers (Corps) received an application from the United States Coast Guard seeking Department of the Army authorization to modify an existing authorization in order to conduct new dredging within the existing mooring basin, associated with the US Coast Guard Sector Field Office at Fort Macon, in Carteret County, North Carolina.

Specific plans and location information are described below and shown on the attached plans. This Public Notice and all attached plans are also available on the Wilmington District Web Site at:

<http://www.saw.usace.army.mil/Missions/RegulatoryPermitProgram.aspx>

**Applicant:** United States Coast Guard  
Captain P.J. Dugan, P.E.  
5505 Robin Hood Road, Suite K  
Norfolk, Virginia 23513

**AGENT:** Johnson, Mirmiran & Thompson, Inc. (JMT)  
Mr. Jason Evert  
952 Houston Northcutt Boulevard, Suite 100  
Mt. Pleasant, South Carolina 29464

## Authority

The Corps evaluates this application and decides whether to issue, conditionally issue, or deny the proposed work pursuant to applicable procedures of the following Statutory Authorities:

- Section 404 of the Clean Water Act (33 U.S.C. 1344)
- Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403)
- Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413)

## **Location**

Directions to Site: The project site is located within the existing US Coast Guard Sector Field Office Fort Macon mooring basin, in Atlantic Beach, Carteret County, North Carolina. From Morehead City, travel west on US Highway 70 (Arendell Street) to South 24<sup>th</sup> Street, turn left to take the Atlantic Beach Bridge over Bogue Sound, continue on Atlantic Beach Causeway and make a left at the stoplight onto NC Highway 58 (East Fort Macon Road), continue for approximately 3.3 miles, the project site is on the left, just before Fort Macon State Park.

Project Area (acres): 1.74 acres

Nearest Town: Atlantic Beach

Nearest Waterway: Fort Macon Creek

River Basin: White Oak

Latitude and Longitude: 34.69761N, -76.68371W

## **Existing Site Conditions**

The project site is located within the existing US Coast Guard Sector Field Office Fort Macon mooring basin. The site contains existing infrastructure including a road network, utility lines, a boat ramp, boat slips, parking areas, and multiple structures.

The site is bordered to the north by Morehead City Channel, to the south by Onslow Bay, to the west by a salt marsh, and by the Fort Macon Visitor and Education Center to the east. Topography is characterized as relatively flat terrain with elevation at an average of 4 feet above mean high sea level.

## **Applicant's Stated Purpose**

The applicant proposes to deepen its existing mooring basin in order to homeport two Sentinel-class Fast Response Cutter (FRC) vessels.

## **Project Description**

The applicant proposes to expand the previously authorized dredge footprint of 2.2 acres by an additional 0.5 acre and deepen the authorized depth from -12 feet mean low water (MLW) to -14.5 feet MLW with 1.0 foot allowable over-dredge. The total proposed amount of material to be removed is approximately 9,000 cubic yards of sand and silt. The proposed dredge method would be bucket to barge. Dredged material would then be offloaded from the barge to an onsite, upland site to dewater. Once the material is sufficiently dry, it would then be transported to an upland disposal location.

## **Avoidance and Minimization**

The applicant provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment: The mooring basin has been historically dredged as authorized by previous Department of the Army (DA) authorizations. These authorizations contained special conditions such as restricting in water work between February 1 and July 31 to protect anadromous fish, and requiring compliance with Manatee Guidelines and a section 401 water quality certification. The applicant proposes to conduct the work in accordance with the previously authorized projects.

## **Compensatory Mitigation**

The applicant offered the following compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment: Compensatory mitigation is not proposed based on the nature and location of the work proposed.

## **Essential Fish Habitat**

Pursuant to the Magnuson-Stevens Fishery Conservation and Management Act, this Public Notice initiates the Essential Fish Habitat (EFH) consultation requirements. The Corps' initial determination is that the proposed project may affect, but not likely to adversely affect EFH or associated fisheries managed by the South Atlantic or Mid Atlantic Fishery Management Councils or the National Marine Fisheries Service.

## **Cultural Resources**

Pursuant to Section 106 of the National Historic Preservation Act of 1966, Appendix C of 33 CFR Part 325, and the 2005 Revised Interim Guidance for Implementing Appendix C, the District Engineer consulted district files and records and the latest published version of the National Register of Historic Places and initially determines that:

- Should historic properties, or properties eligible for inclusion in the National Register, be present within the Corps' permit area; the proposed activity requiring the DA permit (the undertaking) is a type of activity that will have no potential to cause an effect to an historic properties.
- No historic properties, nor properties eligible for inclusion in the National Register, are present within the Corps' permit area; therefore, there will be no historic properties affected. The Corps subsequently requests concurrence from the SHPO (or THPO).

- Properties ineligible for inclusion in the National Register are present within the Corps' permit area; there will be no historic properties affected by the proposed work. The Corps subsequently requests concurrence from the SHPO (or THPO).
- Historic properties, or properties eligible for inclusion in the National Register, are present within the Corps' permit area; however, the undertaking will have no adverse effect on these historic properties. The Corps subsequently requests concurrence from the SHPO (or THPO).
- Historic properties, or properties eligible for inclusion in the National Register, are present within the Corps' permit area; moreover, the undertaking may have an adverse effect on these historic properties. The Corps subsequently initiates consultation with the SHPO (or THPO).
- The proposed work takes place in an area known to have the potential for the presence of prehistoric and historic cultural resources; however, the area has not been formally surveyed for the presence of cultural resources. No sites eligible for inclusion in the National Register of Historic Places are known to be present in the vicinity of the proposed work. Additional work may be necessary to identify and assess any historic or prehistoric resources that may be present.

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.

### **Endangered Species**

Pursuant to the Endangered Species Act of 1973, the Corps reviewed the project area, examined all information provided by the applicant and consulted the latest North Carolina Natural Heritage Database. Based on available information:

- The Corps determines that the proposed project would not affect federally listed endangered or threatened species or their formally designated critical habitat.
- The Corps determines that the proposed project may affect, not likely to adversely affect federally listed endangered or threatened species or their formally designated critical habitat. The Corps initiates consultation under Section 7 of the ESA and will not make a permit decision until the consultation process is complete.
- The Corps is not aware of the presence of species listed as threatened or endangered or their critical habitat formally designated pursuant to the Endangered Species Act of 1973 (ESA) within the project area. The Corps will make a final determination on the effects of the proposed project upon additional

review of the project and completion of any necessary biological assessment and/or consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service.

### **Other Required Authorizations**

The Corps forwards this notice and all applicable application materials to the appropriate State agencies for review.

**North Carolina Division of Water Resources (NCDWR):** The Corps will generally not make a final permit decision until the NCDWR issues, denies, or waives the state Certification as required by Section 401 of the Clean Water Act (PL 92-500). The receipt of the application and this public notice, combined with the appropriate application fee, at the NCDWR Central Office in Raleigh constitutes initial receipt of an application for a 401 Certification. A waiver will be deemed to occur if the NCDWR fails to act on this request for certification within sixty days of receipt of a complete application. Additional information regarding the 401 Certification may be reviewed at the NCDWR Central Office, 401 and Buffer Permitting Unit, 512 North Salisbury Street, Raleigh, North Carolina 27604-2260. All persons desiring to make comments regarding the application for a 401 Certification should do so, in writing, by April 19, 2017 to:

NCDWR Central Office  
Attention: Ms. Karen Higgins, 401 and Buffer Permitting Unit  
(USPS mailing address): 1617 Mail Service Center, Raleigh, NC 27699-1617

### **North Carolina Division of Coastal Management (NCDCM):**

- The application did not include a certification that the proposed work complies with and would be conducted in a manner that is consistent with the approved North Carolina Coastal Zone Management Program. Pursuant to 33 CFR 325.2 (b)(2) the Corps cannot issue a Department of Army (DA) permit for the proposed work until the applicant submits such a certification to the Corps and the NCDCM, and the NCDCM notifies the Corps that it concurs with the applicant's consistency certification. As the application did not include the consistency certification, the Corps requests, via this Public Notice, concurrence or objection from the NCDCM.
- Based upon all available information, the Corps determines that this application for a Department of Army (DA) permit does not involve an activity which would affect the coastal zone, which is defined by the Coastal Zone Management (CZM) Act (16 U.S.C. § 1453).

## **Evaluation**

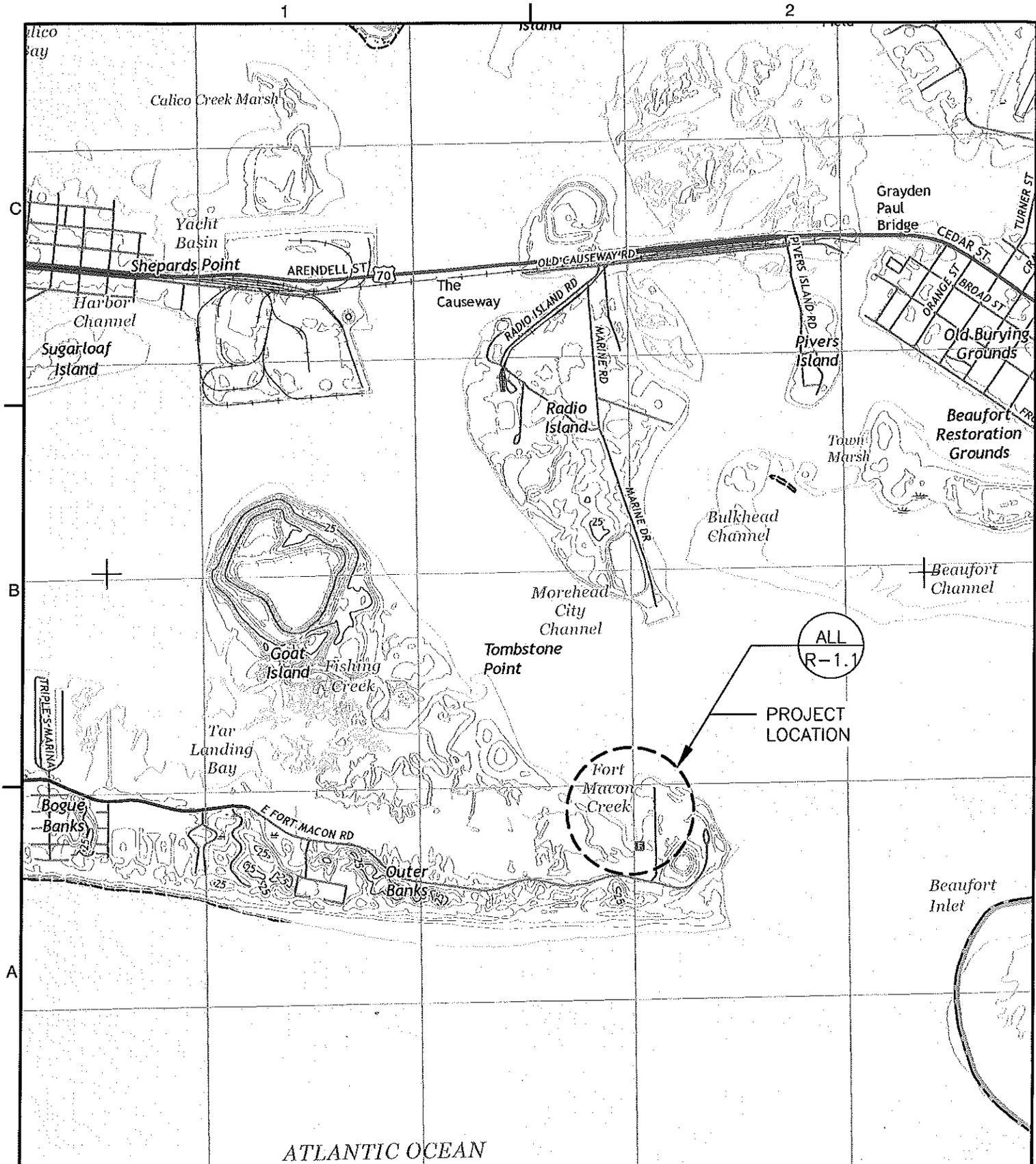
The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values (in accordance with Executive Order 11988), land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving the discharge of dredged or fill materials in waters of the United States, the evaluation of the impact of the activity on the public interest will include application of the Environmental Protection Agency's 404(b)(1) guidelines.

## **Commenting Information**

The Corps of Engineers is soliciting comments from the public; Federal, State and local agencies and officials, including any consolidated State Viewpoint or written position of the Governor; Indian Tribes and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

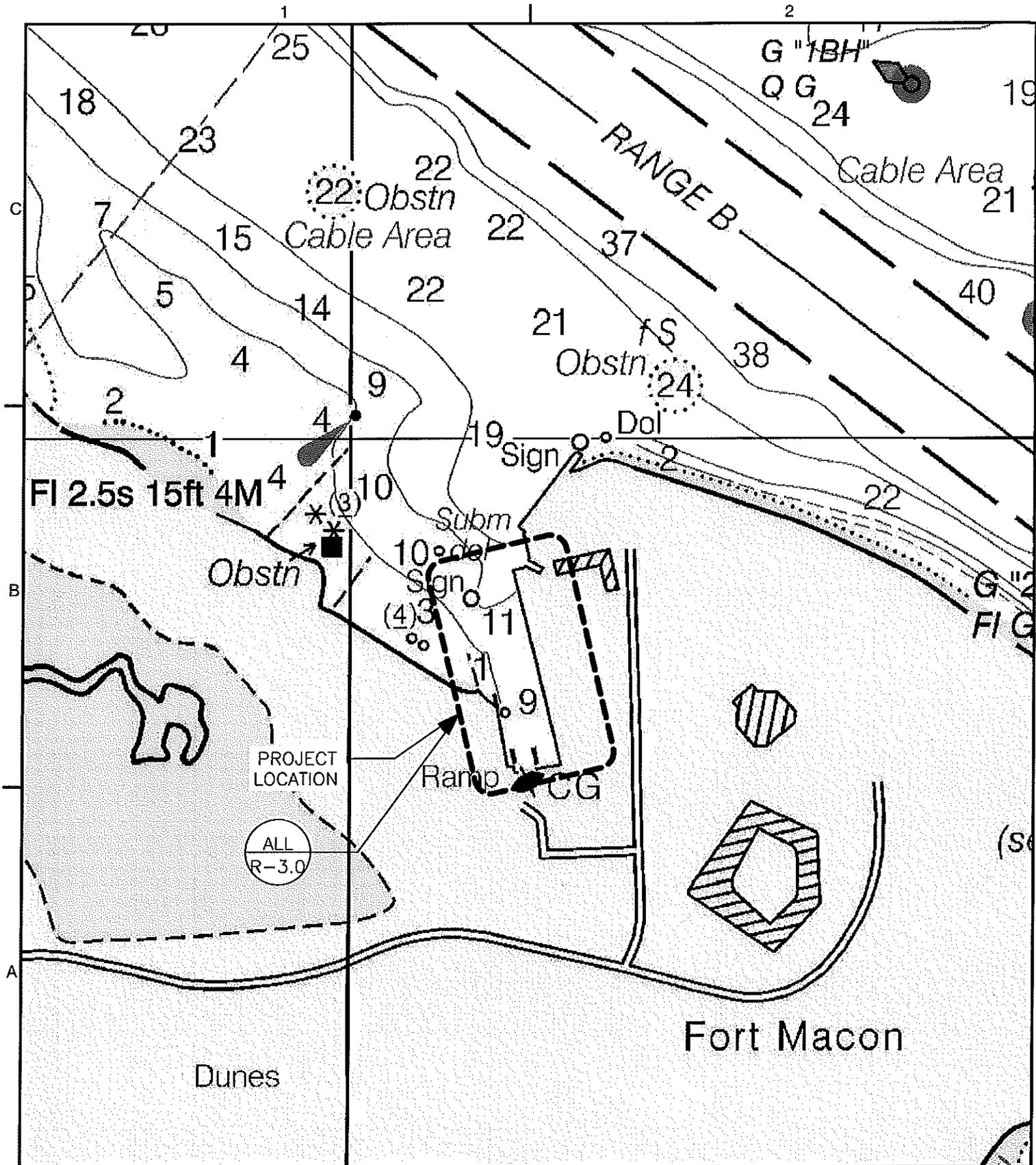
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing shall be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

The Corps of Engineers, Wilmington District will receive written comments pertinent to the proposed work, as outlined above, until 5pm, April 19, 2017. Comments should be submitted to Ms. Liz Hair, Wilmington Regulatory Field Office, 69 Darlington Avenue, Wilmington, North Carolina 28403 , at (910) 251-4049.



ATLANTIC OCEAN

USACE#: 2005-00748 (mod)		USGS QUAD		<b>BlueShore</b> ENGINEERING LLC TEANECK, NJ (201)817-2001 RWG@BLUESHORELLC.COM
NCDENR#: 2011 0905 (mod)		FRC Homeporting SFO Fort Macon 2301 E Fort Macon Rd. Atlantic Beach, NC 28512		
USGS Quad: Beaufort				<b>R-1.0</b>
Waterway: Fort Macon Creek				
Lat: 34° 41' 54" N	Long: 76° 40' 53" W			Sht ___ of ___
Datum: MLW		Scale: 1 : 24,000	Nov 30, 2016	



USACE#: 2005-00748 (mod)

NCDENR#: 2011 0905 (mod)

USGS Quad: Beaufort

Waterway: Fort Macon Creek

Lat: 34° 41' 54" N

Long: 76° 40' 53" W

Datum: MLW

NOAA NAVIGATIONAL CHART

FRC Homeporting

SFO Fort Macon

2301 E Fort Macon Rd.

Atlantic Beach, NC 28512

Scale: 1:5,000

Nov 30, 2016

**BlueShore**

ENGINEERING LLC  
TEANECK, NJ (201)817-2001  
RWG@BLUESHORELLC.COM

**R-1.1**

Sht \_\_\_ of \_\_\_

REFERENCE STANDARDS

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING REFERENCE STANDARDS:

1. THE 2015 INTERNATIONAL BUILDING CODE AND ALL LOCAL AMENDMENTS IN EFFECT AT THE TIME OF THE CONTRACT.
2. ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
3. ACI 318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
4. UFC 3-220 DEEP FOUNDATIONS
5. UFC 4-152 DESIGN PIERS AND WHARVES
6. UFC 4-152 DESIGN SMALL CRAFT BERTHING FACILITIES
7. UFC 4-159 DESIGN OF MOORINGS

DESIGN CRITERIA

DESIGN LIFE	=50 YRS
FRC VESSEL CRITERIA:	
LENGTH AT WATERLINE	=145.5 FT
DISPLACEMENT	=353.4 LONG TONS
WIND PRESENTMENT AREA	=2,186 SQFT
MOORING SERVICE TYPE	=TYPE IIB

REFERENCE DATUM

ELEVATIONS SHOWN ON DRAWINGS ARE RELATIVE TO MLW (MEAN LOW WATER), UNLESS NOTED OTHERWISE.

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NCDENR#: 2011 0905 (mod)

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## GENERAL NOTES 1

FRC Homeporting  
SFO Fort Macon  
2301 E Fort Macon Rd.  
Atlantic Beach, NC 28512

Scale:

N/A

Nov 30, 2016

**BlueShore**

ENGINEERING LLC  
TRANECK, NJ (201)817-2001  
RVG@BLUESHORELLC.COM

**R-2.0**

Sht \_\_\_ of \_\_\_

PERMIT REQUIREMENTS & ENVIRONMENTAL CONTROLS

- 1. THE SUBCONTRACTOR SHALL BE FURNISHED A COPY OF ALL ENVIRONMENTAL PERMITS. THE SUBCONTRACTOR SHALL REVIEW AND COMPLY WITH ALL PERMIT CONDITIONS.
- 2. INSTALL AND KEEP IN PLACE A CONTAINMENT BOOM AND TURBIDITY CURTAIN DURING ALL IN-WATER WORK THAT DISTURBS THE MUDLINE.
- 3. PREVENT TRASH OR CONSTRUCTION DEBRIS FROM ENTERING THE WATERCOURSE, AND RECOVER ANY ITEMS THAT ENTER THE WATERCOURSE IMMEDIATELY.

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GENERAL REQUIREMENTS

- 1. THE SUBCONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO ACCOMPLISH THE COMPLETED CONSTRUCTION SHOWN IN THESE DOCUMENTS, BASED UPON THEIR REVIEW OF EXISTING CONDITIONS AND RECORD DRAWINGS.
- 2. PROVIDE ALL FIELD SURVEYS NECESSARY TO COMPLETE CONSTRUCTION IN ACCORDANCE WITH THESE DRAWINGS. FIELD VERIFY EXISTING CONDITIONS AS NEEDED TO PROVIDE A COMPLETE INSTALLATION.
- 3. THE SUBCONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS, AND SAFETY OF THE WORK.
- 4. OBSERVE ALL SAFETY, OPERATION, AND SCHEDULING LIMITATIONS DICTATED BY THE OWNER AND DESIGN-BUILDER DURING THE PERFORMANCE OF THIS WORK.
- 5. COORDINATE ALL WORK WITH THE CONTRACTING OFFICERS REPRESENTATIVE TO PREVENT OR MINIMIZE ANY INTERRUPTION TO FACILITY OPERATIONS.
- 6. ALTERNATES TO THE DRAWINGS AND SPECIFICATIONS CONTAINED HEREIN MUST HAVE PRIOR APPROVAL OF ENGINEER.

SPECIFICATIONS

- 1. 35 20 23 - DREDGING
  - 1.1. THE TOTAL ESTIMATED MATERIAL TO BE REMOVED IS 6,000-12,000 CUBIC YARDS. PAYMENT WILL BE BASED ON VOLUMES CALCULATED FROM PRE- AND POST-DREDGE SURVEYS.
  - 1.2. PERFORM PRE-DREDGE AND POST-DREDGE HYDROGRAPHIC SURVEYS TO VERIFY CONTRACT DREDGE DEPTHS HAVE BEEN OBTAINED.
  - 1.3. DREDGING OPERATIONS SHALL COMPLY WITH ALL ENVIRONMENTAL PERMITS AND PERMIT CONDITIONS, INCLUDING, AT A MINIMUM:
    - 1.3.1. DEPLOYMENT OF SILT/TURBIDITY CURTAIN WITH BALLAST CHAIN DURING ALL PHASES OF DREDGING
    - 1.3.2. SEDIMENT TESTING SHALL BE PERFORMED IN ACCORDANCE WITH DISPOSAL SITE REQUIREMENTS. FINAL TEST RESULTS AND DISPOSAL SITE REQUIREMENTS SHALL BE SUBMITTED TO EOR FOR APPROVAL AND AGENCY COORDINATION.
  - 1.4. SUBMITTALS
    - 1.4.1. PRE- AND POST- DREDGE SURVEYS
    - 1.4.2. SILT CURTAIN MANUFACTURER DATA, USE & INSTALLATION SPECIFICATIONS.
    - 1.4.3. DREDGING PLAN DESCRIBING ALL EQUIPMENT AND PROCEDURES TO BE USED DURING THE DREDGING OPERATION.

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USACE#: 2005-00748 (mod)		GENERAL NOTES 2	<b>BlueShore</b> ENGINEERING LLC TEANECK, NJ (201)817-2001 RWG@BLUESHORELLC.COM
NCDENR#: 2011 0905 (mod)			
USGS Quad: Beaufort			
Waterway: Fort Macon Creek			
Lat: 34° 41' 54" N	Long: 76° 40' 53" W		
Datum: MLW	Scale: N/A	Nov 30, 2016	R-2.1 Sht ___ of ___

USACE#: 2005-00748 (mod)

NCDENR#: 2011 0905 (mod)

USGS Quad: Beaufort

Waterway: Fort Macon Creek

Lat: 34° 41' 54" N

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Datum: MLW

GENERAL NOTES 2

FRC Homeporting  
SFO Fort Macon  
2301 E Fort Macon Rd.  
Atlantic Beach, NC 28512

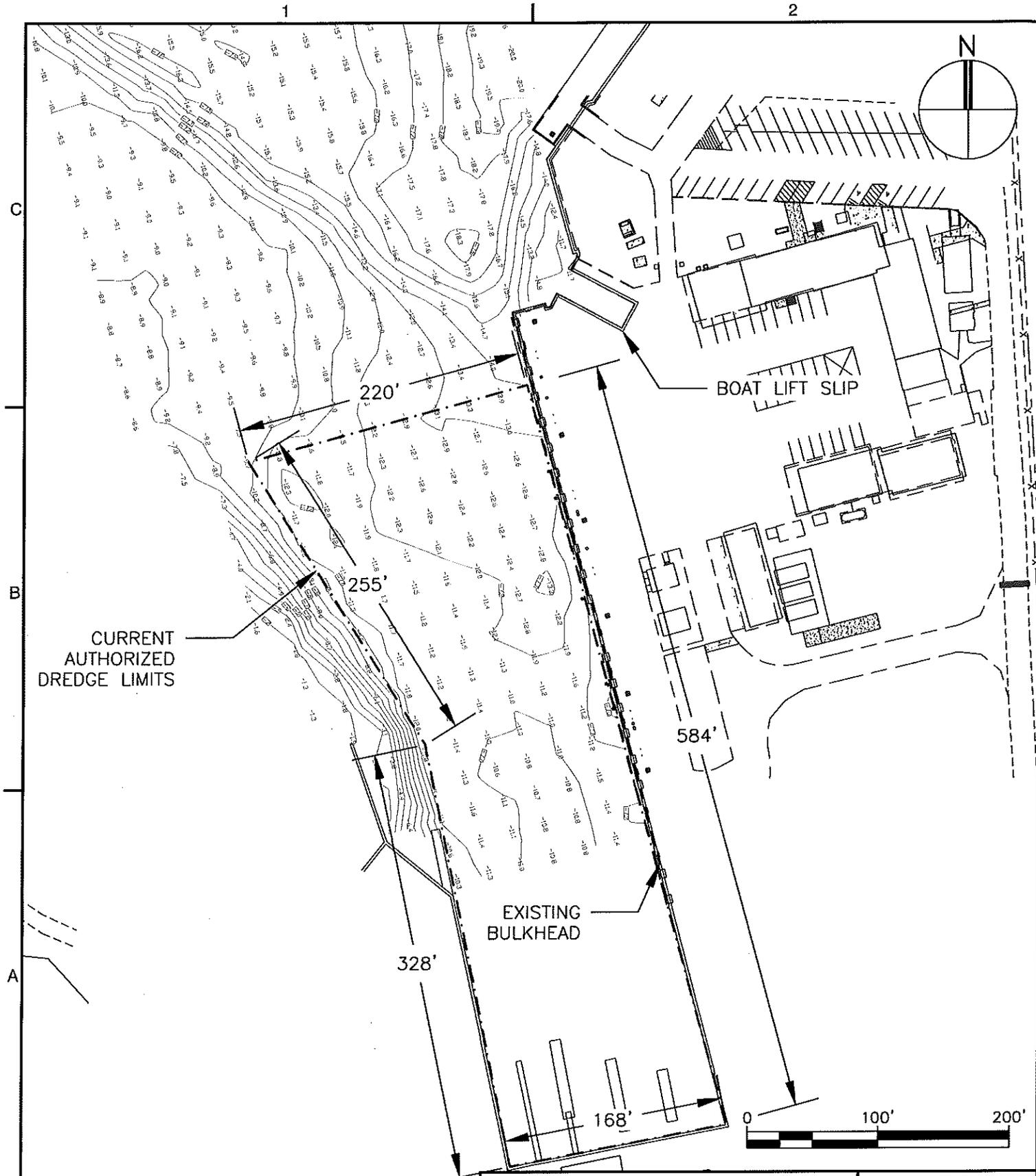
**BlueShore**

ENGINEERING LLC  
TEANECK, NJ (201)817-2001  
RWG@BLUESHORELLC.COM

R-2.1

Scale: N/A Nov 30, 2016

Sht \_\_\_ of \_\_\_



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NCDENR#: 2011 0905 (mod)

USGS Quad: Beaufort

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Lat: 34° 41' 54" N

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Datum: MLW

EXISTING SITE PLAN

FRC Homeporting  
 SFO Fort Macon  
 2301 E Fort Macon Rd.  
 Atlantic Beach, NC 28512

Scale: 1" = 100'

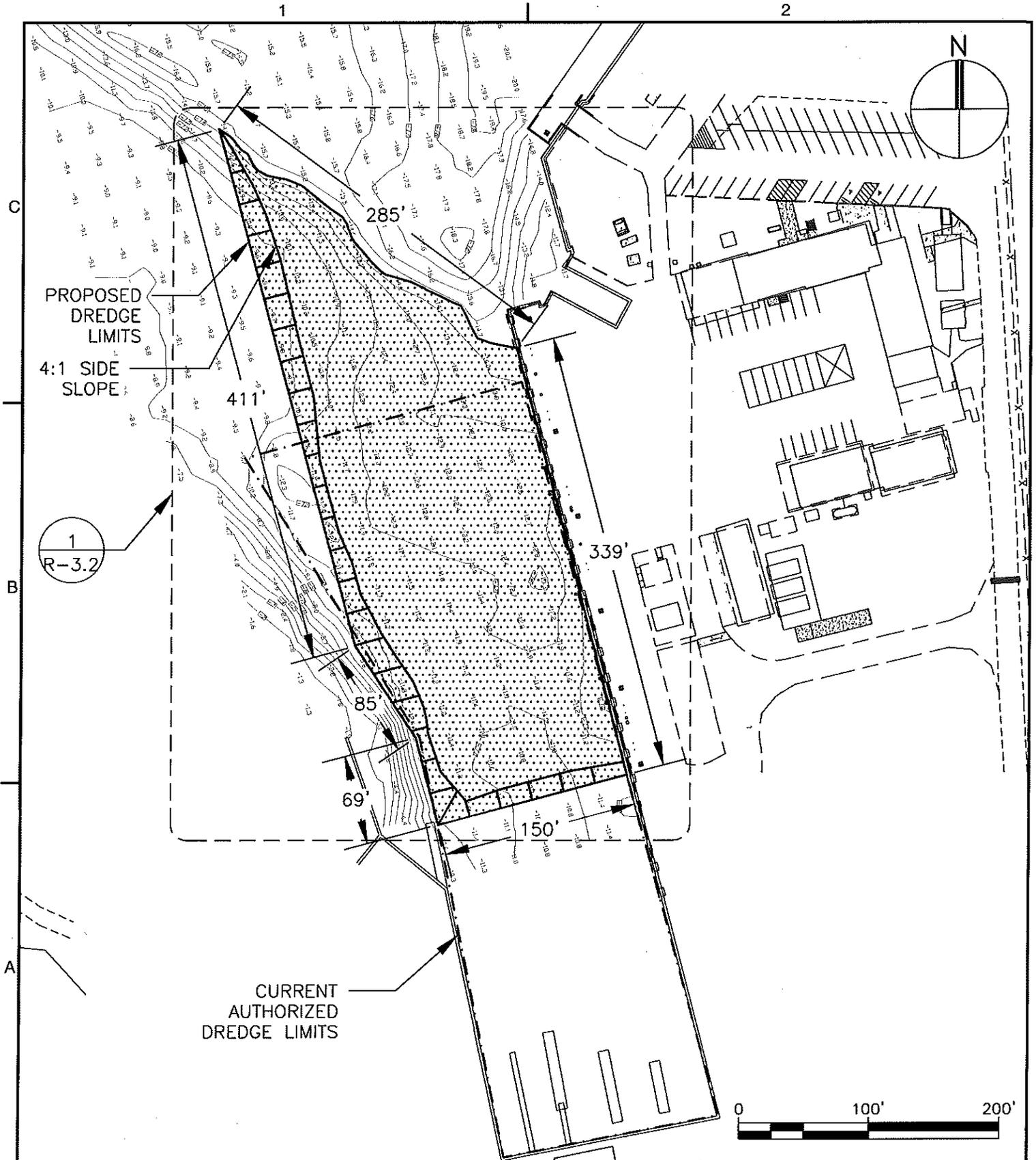
Nov 30, 2016

**BlueShore**

ENGINEERING LLC  
 TEANECK, NJ (201)817-2001  
 RWG@BLUESHORELLC.COM

**R-3.0**

Sht \_\_\_ of \_\_\_



USACE#: 2005-00748 (mod)

NCDENR#: 2011 0905 (mod)

USGS Quad: Beaufort

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Long: 76° 40' 53" W

Datum: MLW

DREDGING SITE PLAN

FRC Homeporting  
 SFO Fort Macon  
 2301 E Fort Macon Rd.  
 Atlantic Beach, NC 28512

Scale: 1" = 100'

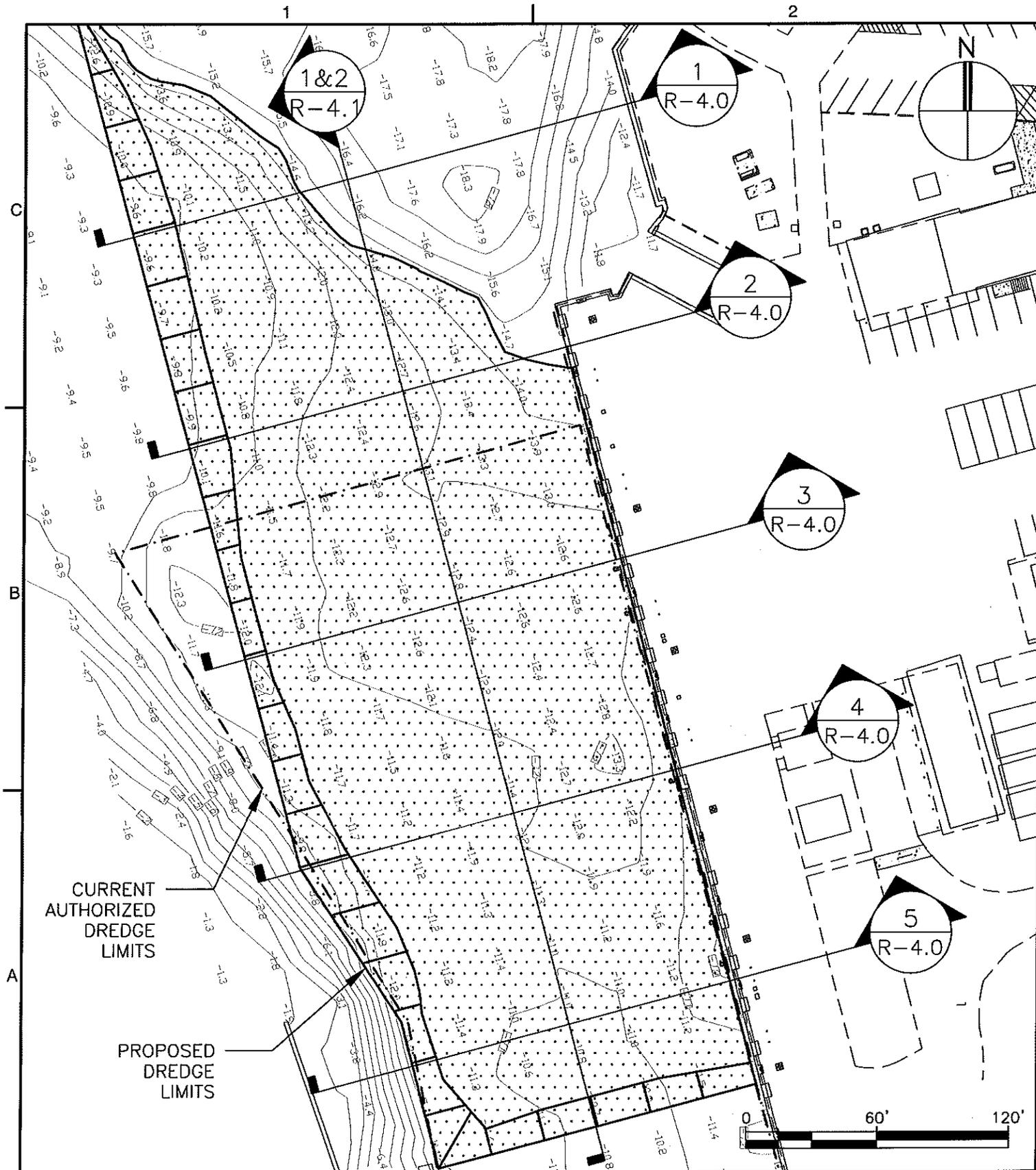
Nov 30, 2016

**BlueShore**

ENGINEERING LLC  
 TEANECK, NJ (201)817-2001  
 RWG@BLUESHORELLC.COM

**R-3.1**

Sht \_\_\_ of \_\_\_



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DREDGING DETAIL PLAN

FRC Homeporting

SFO Fort Macon

2301 E Fort Macon Rd.

Atlantic Beach, NC 28512

Scale: 1" = 60'

Nov 30, 2016

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ENGINEERING LLC

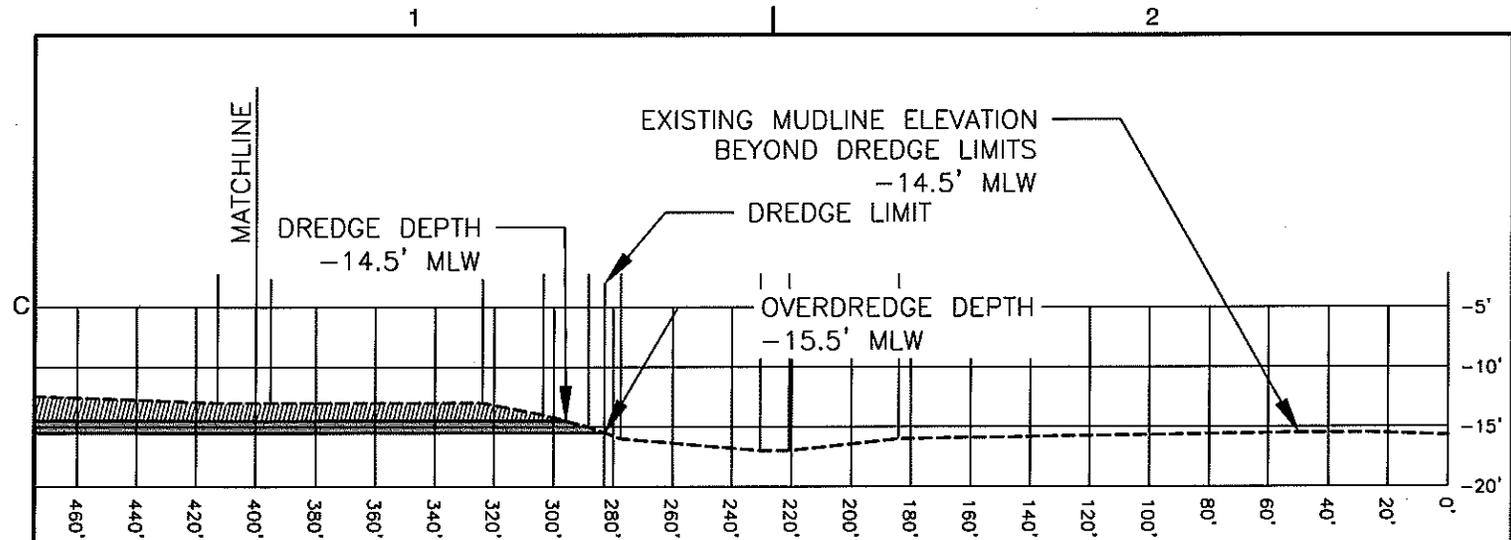
TRANECK, NJ (201)817-2001

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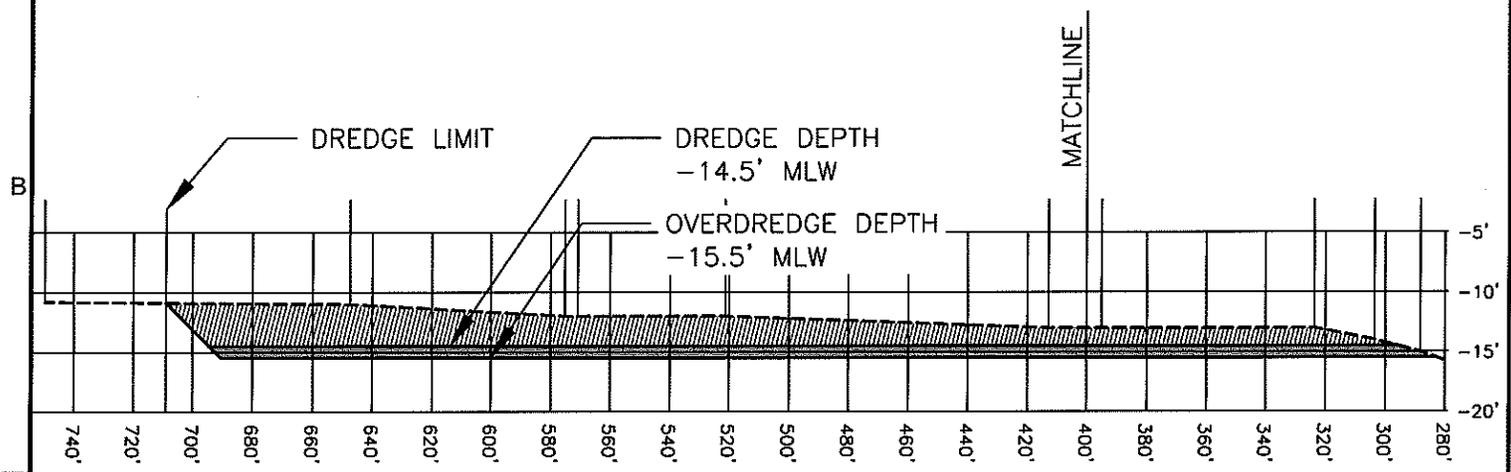
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1 SECTION A



2 SECTION B

USACE#: 2005-00748 (mod)

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DREDGE SECTION (LONGITUDINAL)

FRC Homeporting  
 SFO Fort Macon  
 2301 E Fort Macon Rd.  
 Atlantic Beach, NC 28512

Scale: AS NOTED

Nov 30, 2016

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 TRANECK, NJ (201)817-2001  
 RWG@BLUESHORELLC.COM

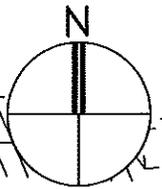
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LEGEND

- ⊗ PROPOSED APPROXIMATE SEDIMENT SAMPLING LOCATION
- ⊙ PREVIOUS APPROXIMATE SEDIMENT SAMPLING LOCATION (APRIL 2015)

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SEDIMENT TESTING PLAN	
FRC Homeporting	
SFO Fort Macon	
2301 E Fort Macon Rd.	
Atlantic Beach, NC 28512	
Scale: 1" = 100'	Nov 30, 2016

**BlueShore**  
ENGINEERING LLC  
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R-5.0

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