

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
1949 Industrial Park Road, Room 140
Conway, South Carolina 29526

and

THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Environmental Quality Control
Water Quality Certification and Wetlands Programs Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION
Refer to: P/N # 1989-09259-3

November 15, 2013

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), the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et. seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

Grand Strand Water & Sewer Authority
c/o The Brigman Company
Britt Feldner
PO Box 1532
Conway, SC 29582

for a permit to construct an industrial marine commerce facility and dredge in the

Waccamaw River

located at
135 Bucksport Road, Conway, Horry County, South Carolina
(Latitude: 33.651278; Longitude: -79.095603).

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

30 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 the construction of an industrial marine commerce facility and dredging a portion of the Waccamaw River. Specifically, the project consists of replacing the existing public use marina

(docks, piers, buildings, etc) with an industrial marine commerce facility through multi-phase development that will accommodate boat building enterprises, bulk cargo industry, and heavy transport barge operations. The proposed construction activities involve filling .10 acres of waters of the U.S. (1705 cubic yards) for the construction of a bulkhead. In addition, the project includes the construction of barge slips, a dual travel lift well, and multiple docks and piers as well as a "protection pier" for an existing 30" waterline which spans (submerged) the Waccamaw River. The configurations and dimensions of the slips and piers are depicted on Figure 5 of the attached plans. A loading trestle will also be constructed to facilitate the loading and offloading of bulk cargo at the proposed facility (Figure 4 of the attached plans). The applicant also proposes to dredge approximately 40,000 cubic yards of material from the Waccamaw River to allow for sufficient depths for navigation and facility operation. Dredging will be conducted by utilizing a long-arm (60 – 70 ft) excavator that will operate from uplands as well as a barge. The dredged material will be temporarily stored on barges and then offloaded onto transport trucks which will be water-tight with a gate seal and lined with geotextile filter fabric to prevent excess material from directly or indirectly entering the Waccamaw River during operation. A turbidity curtain will be installed around the perimeter of the area to be dredged and anchored to shore. Silt fencing will be installed around the material transfer area. All dredged material will be temporarily stored on-site in an upland confined disposal facility (CDF). The CDF will be a double-chambered design that utilizes a weir dike between the primary holding basin and the secondary sediment basin. The CDF will be surrounded by an earthen berm designed to intercept all supernatant. The supernatant from the dredged material will be directed into the secondary sediment basin to further allow suspended solids to settle out prior to being discharged. The outfall structure will consist of a flashboard-riser that allows the supernatant to discharge into adjacent wetlands through a series of upland excavated ditches, eventually returning to the Waccamaw River. The purpose of the proposed work is to construct a commercial marine facility. The applicant offered no mitigation for the proposed work.

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
1949 INDUSTRIAL PARK ROAD
ROOM 140
CONWAY, SOUTH CAROLINA 29526**

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). The District Engineer will not process this application to a conclusion until such certifications are received. 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 applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to State certification or the navigable waters permit must submit all comments in writing to the S.C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

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 (3.27) 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 not likely to adversely affect any Federally endangered, threatened, or proposed species and will not result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

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.

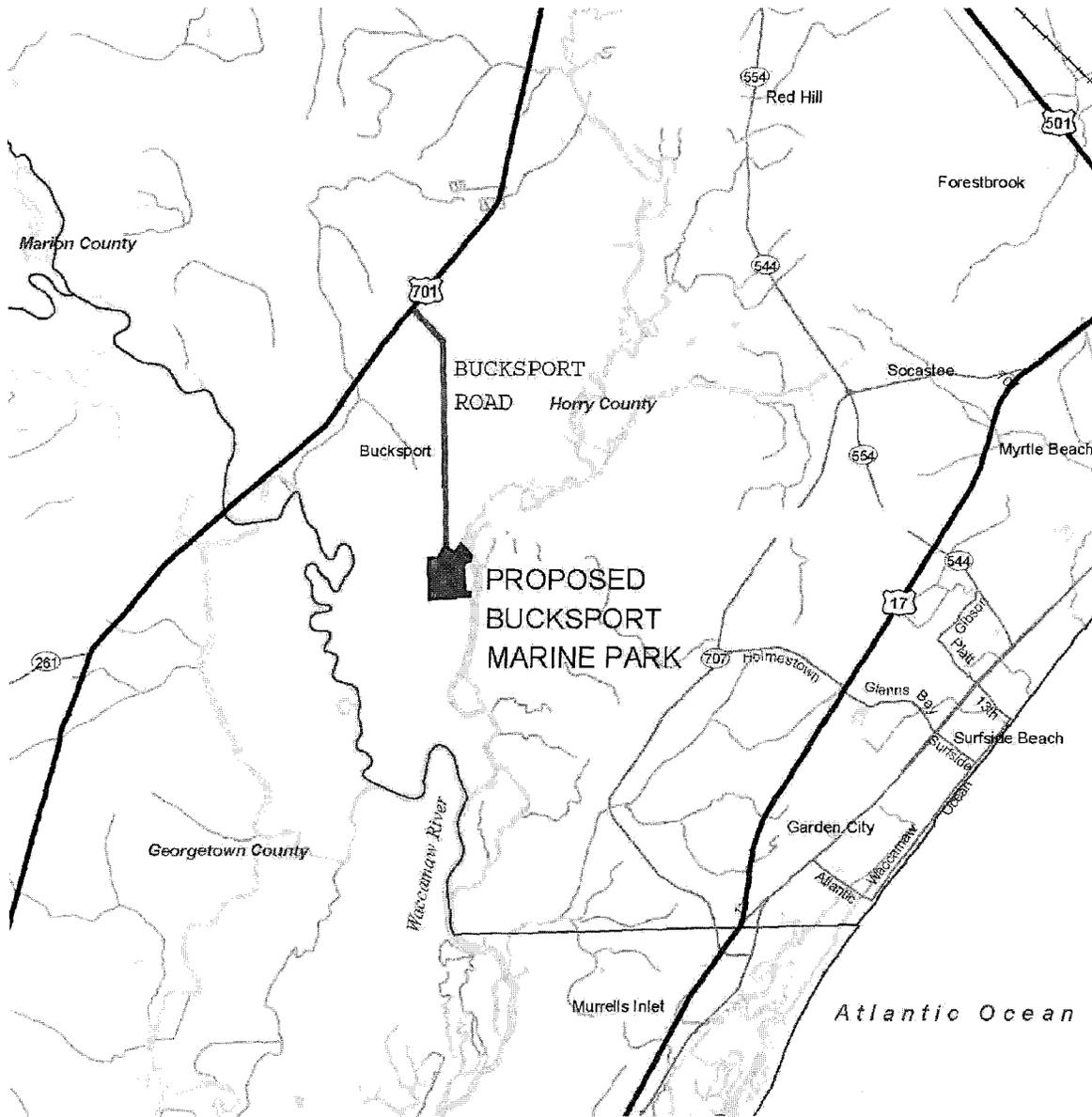
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 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.

REGULATORY DIVISION
Refer to: P/N # 1989-09259-3

November 15, 2013

If there are any questions concerning this public notice, please contact T. Brian Hardee at 843-365-0848.



VICINITY MAP

PERMIT DRAWINGS
NOT FOR CONSTRUCTION

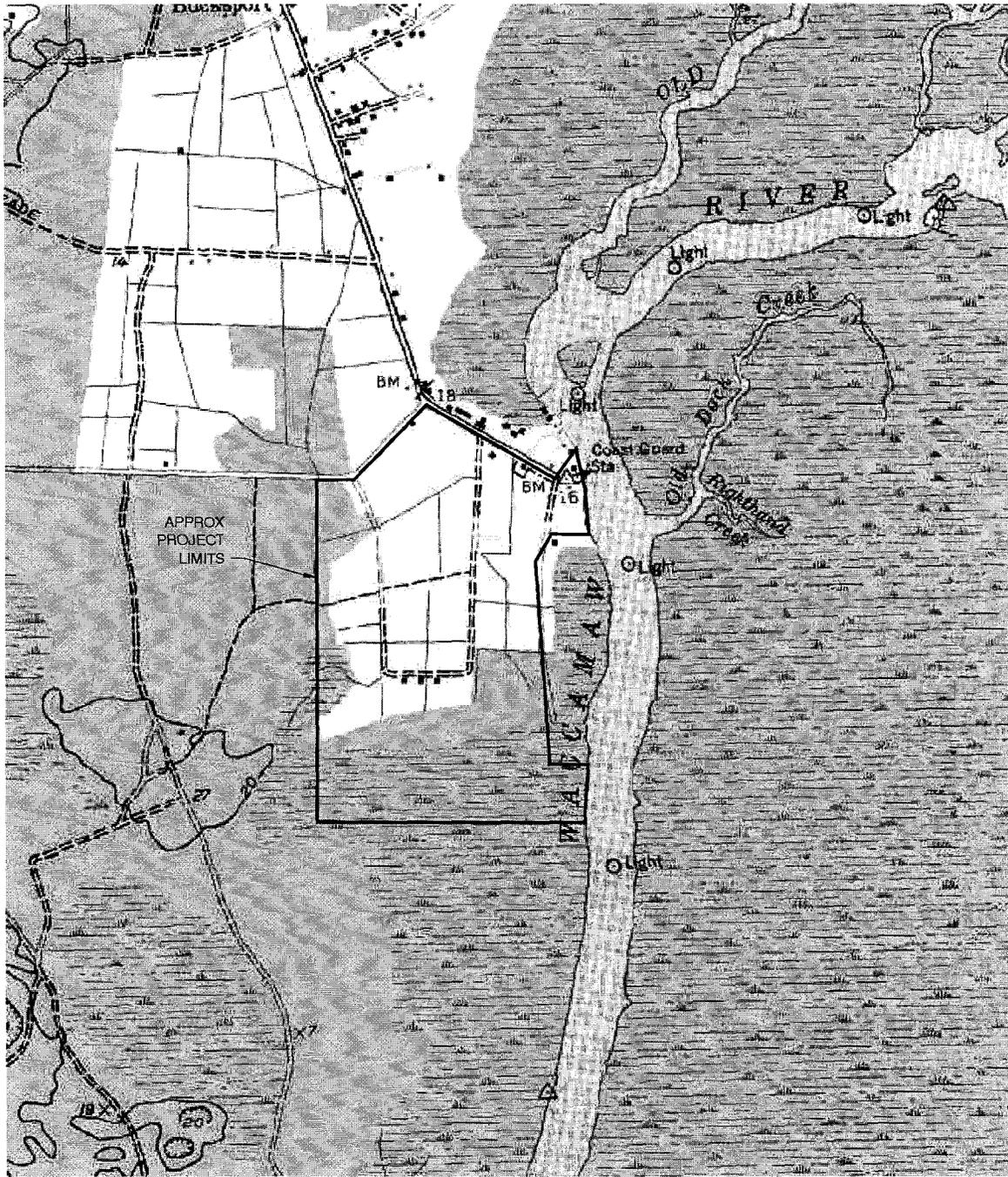
FIGURE 1:
VICINITY MAP

DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013

NOT TO SCALE

AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
 MARINE PARK**
 GRAND STRAND
 WATER & SEWER AUTHORITY
 166 JACKSON BLUFF ROAD
 CONWAY, SC 29526



PERMIT DRAWINGS
NOT FOR CONSTRUCTION

USGS TOPO MAP

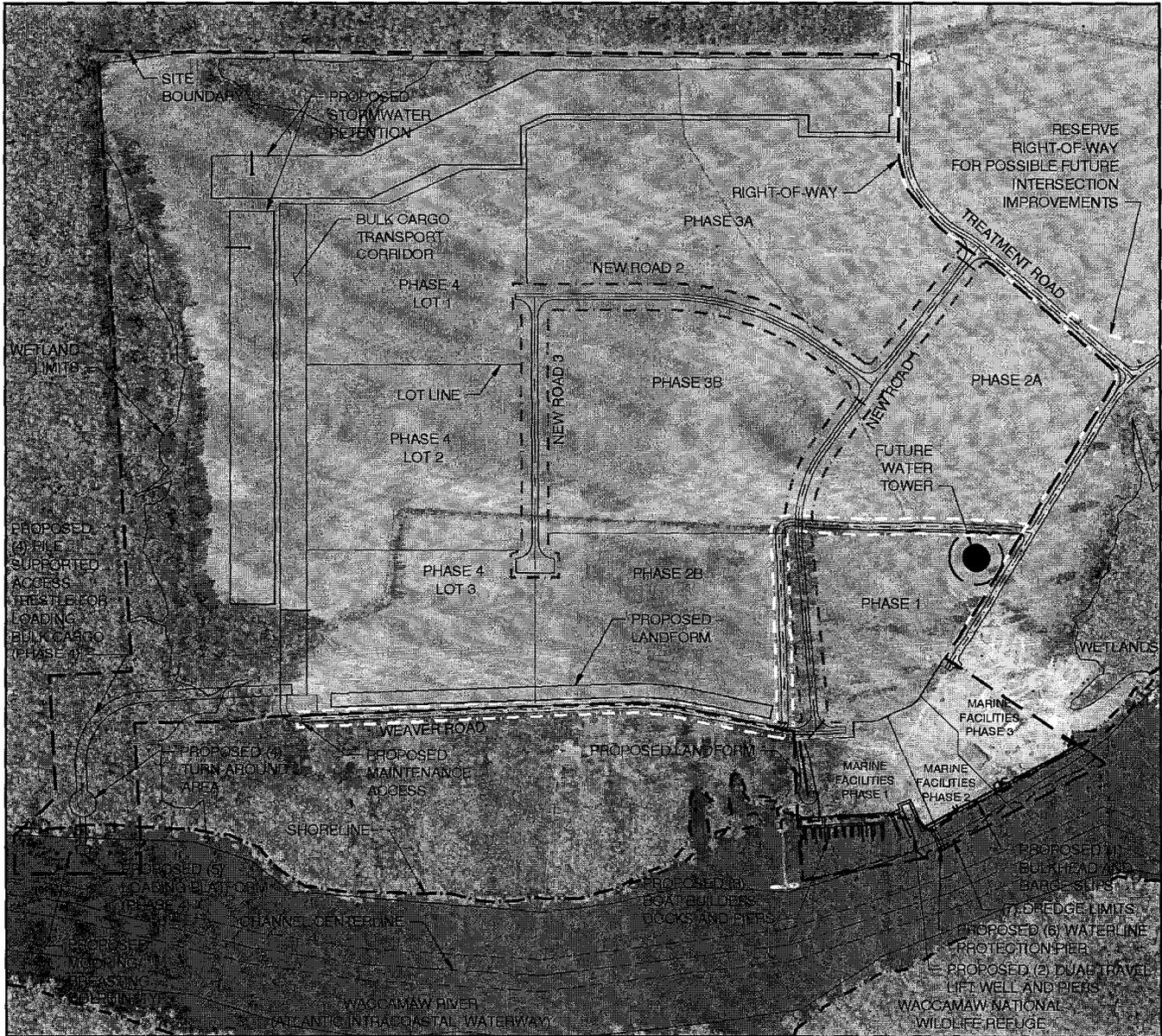
FIGURE 2:
USGS TOPO MAP

NOT TO SCALE

DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013

AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
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 WATER & SEWER AUTHORITY
 166 JACKSON BLUFF ROAD
 CONWAY, SC 29526



LEGEND
 (#) IMPACT SUMMARY TABLE ID,
 SEE FIGURE 15

PERMIT DRAWINGS
 NOT FOR CONSTRUCTION

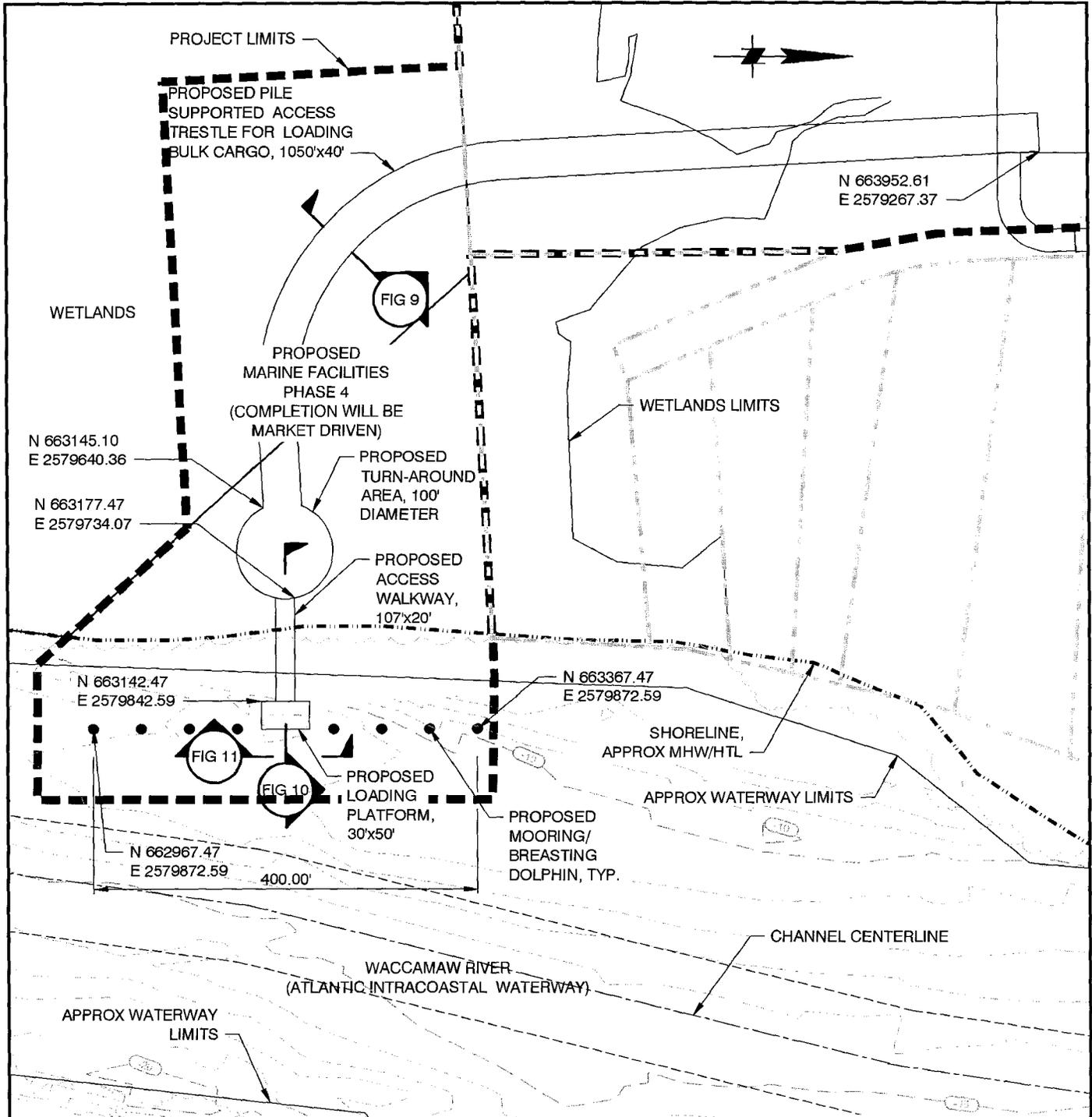
FIGURE 3:
OVERALL PLAN

DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013



AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
 MARINE PARK**
**GRAND STRAND
 WATER & SEWER AUTHORITY**
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 CONWAY, SC 29526



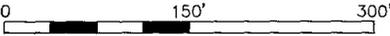
**PERMIT DRAWINGS
NOT FOR CONSTRUCTION**

NOTE:
 WATER ELEVATIONS BASED ON NOAA STATION 8661139 BUCKSPORT, WACCAMAW RIVER
 HTL = +1.95' MHW = +1.83'
 SHORELINE LIMITS BASED ON TOPOGRAPHIC SURVEYS BY SANTEE COOPER.

SECTION 10 PERMIT AREA = 44,200 SF

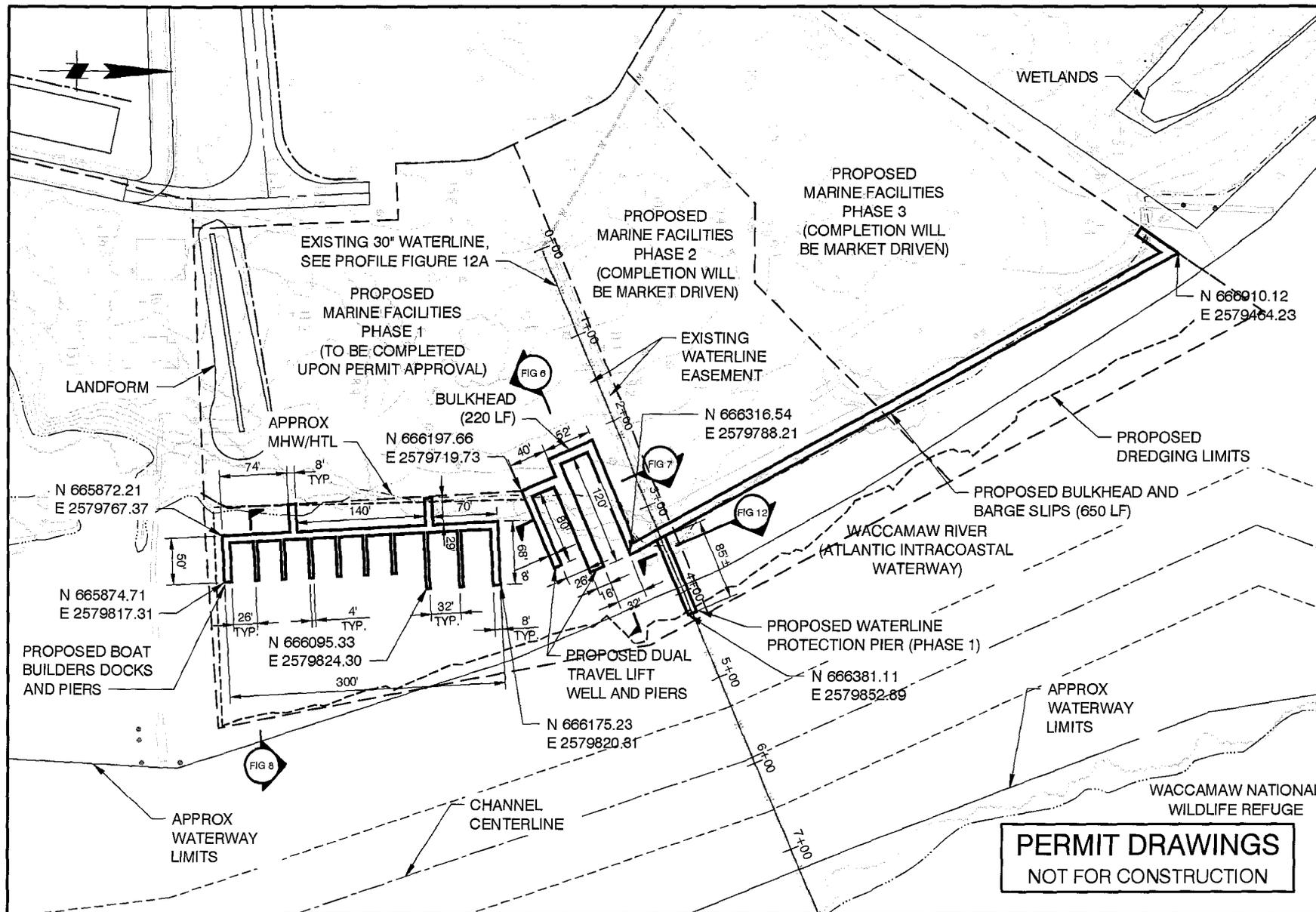
**FIGURE 4:
MARINE FACILITIES PLAN**

DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013



AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
MARINE PARK**
**GRAND STRAND
WATER & SEWER AUTHORITY**
 166 JACKSON BLUFF ROAD
 CONWAY, SC 29526



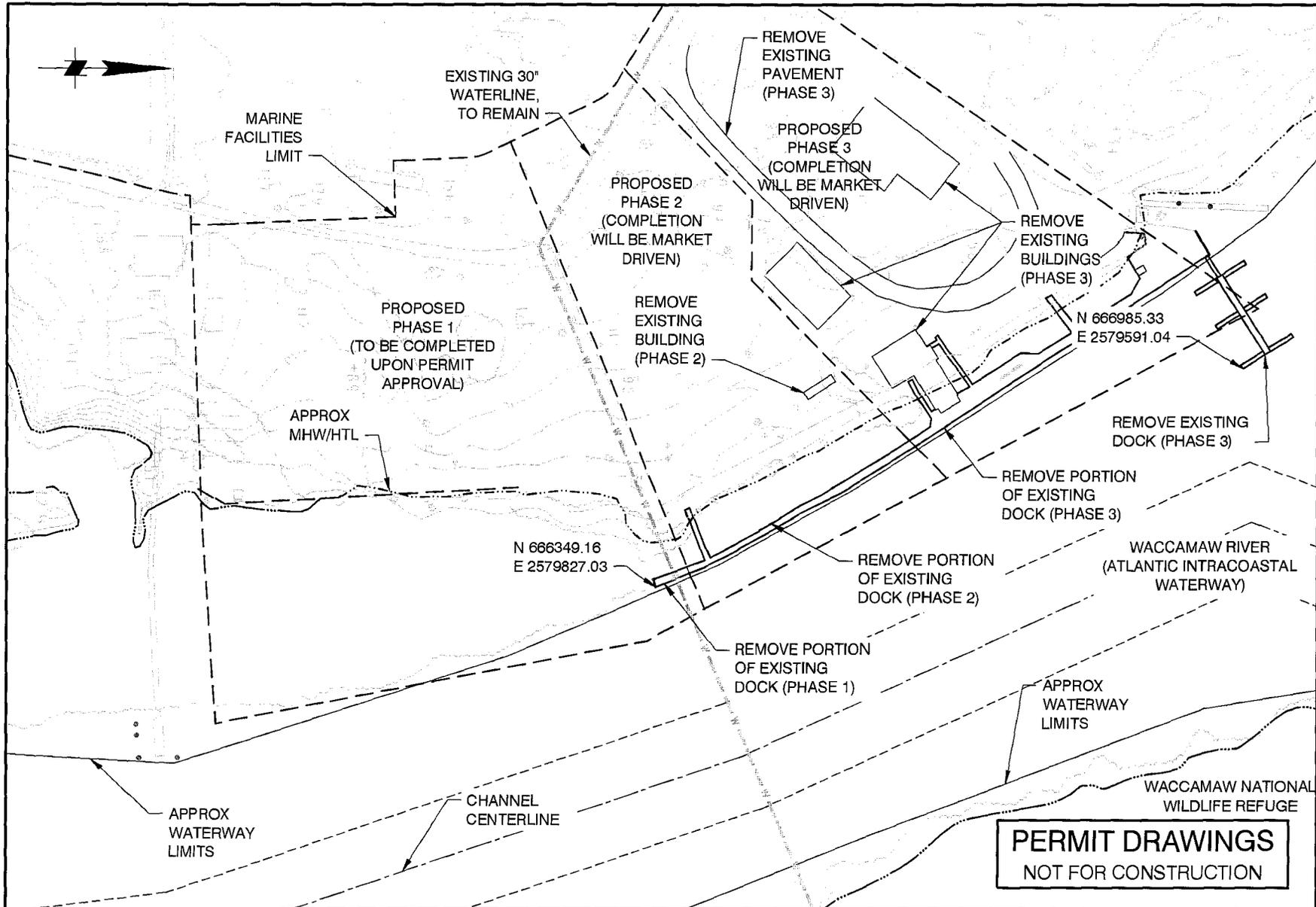
NOTE:
 WATER ELEVATIONS BASED ON
 NOAA STATION 8661139
 BUCKSPORT, WACCAMAW RIVER
 HTL = +1.95' MHW = +1.83'
 MHW LOCATED BY SPARTINA LAND
 SURVEYING, LLC JUNE 2011.

**FIGURE 5:
 MARINE FACILITIES PLAN**

DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013

AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
 MARINE PARK**
 GRAND STRAND
 WATER & SEWER AUTHORITY
 166 JACKSON BLUFF ROAD
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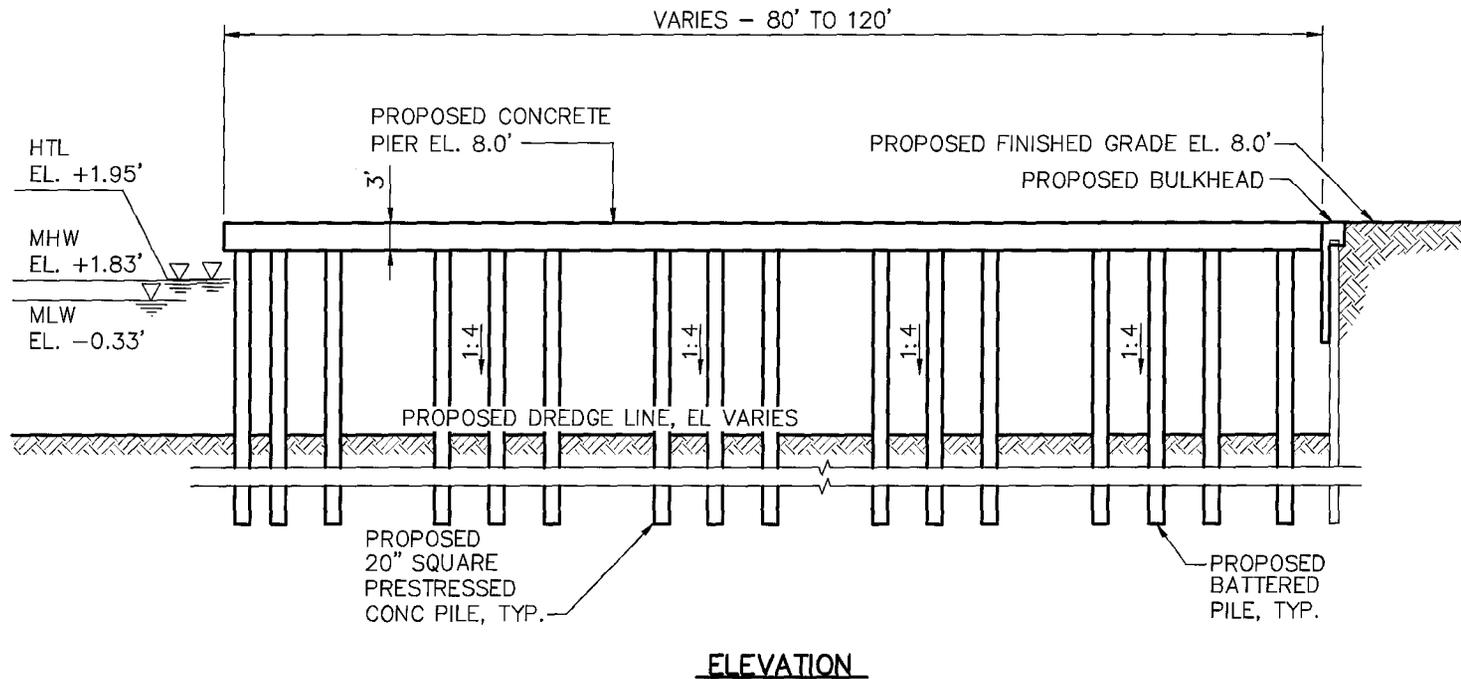


NOTE:
 WATER ELEVATIONS BASED ON
 NOAA STATION 8661139
 BUCKSPORT, WACCAMAW RIVER
 HTL = +1.95' MHW = +1.83'
 MHW LOCATED BY SPARTINA LAND
 SURVEYING, LLC JUNE 2011.

FIGURE 5A:
**MARINE FACILITIES
 DEMOLITION PLAN**
 DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013

AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
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**GRAND STRAND
 WATER & SEWER AUTHORITY**
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PERMIT DRAWINGS
NOT FOR CONSTRUCTION

FIGURE 6:
TRAVEL LIFT PIER ELEVATION

DATUM: NAD83, NAVD88
DATE: NOVEMBER 2013

0 20' 40'

AUTHORIZED AGENT: THE BRIGMAN GROUP
DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
MARINE PARK**

**GRAND STRAND
WATER & SEWER AUTHORITY**
166 JACKSON BLUFF ROAD
CONWAY, SC 29526

SUMMARY

BULKHEAD

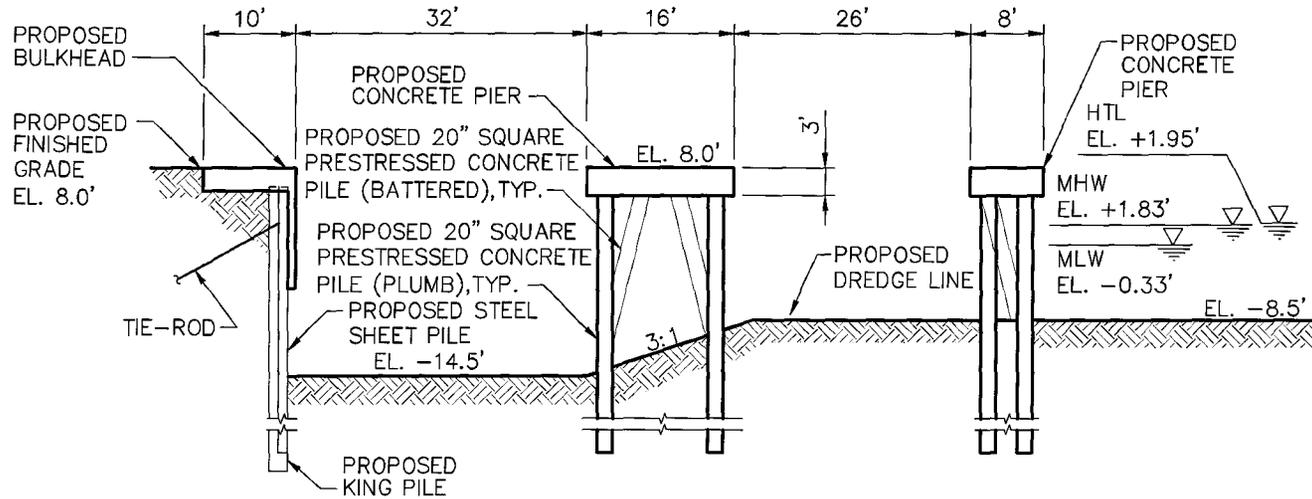
FILL AREA (BELOW MHW) = 4690 SF SIDE TIE = 650 LF
 TOTAL AREA = 9700 SF

16' WIDE PIER

TOTAL AREA = 1600 SF SIDE TIE = 220 LF
 NO. PILES = 32

8' WIDE PIER

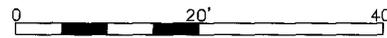
TOTAL AREA = 640 SF SIDE TIE = 160 LF
 NO. PILES = 23



WELL & PIERS TYPICAL SECTION

PERMIT DRAWINGS
 NOT FOR CONSTRUCTION

FIGURE 7:
**TRAVEL LIFT WELL &
 PIER SECTION**
 DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013

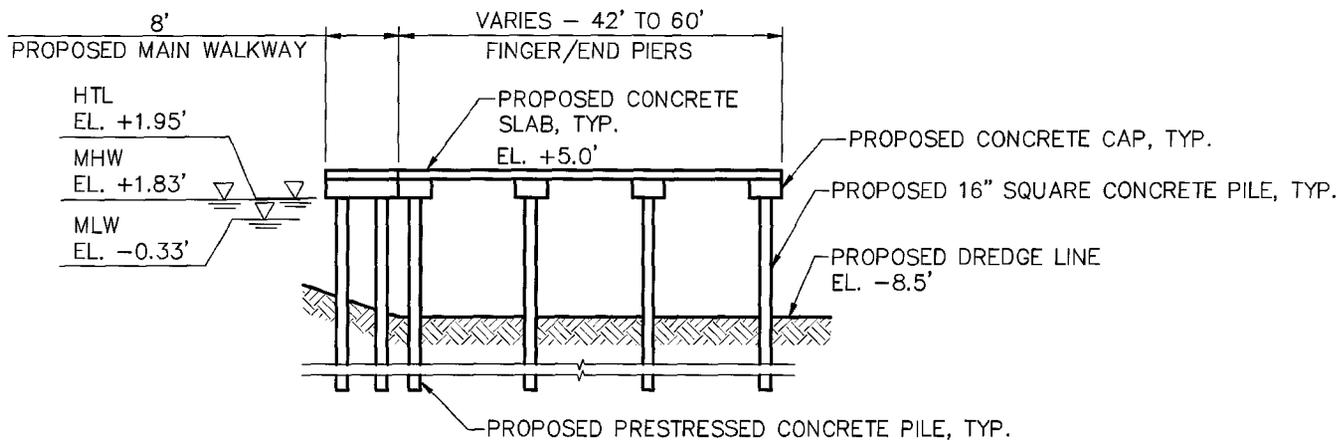


AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
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 CONWAY, SC 29526

SUMMARY

NO. SLIPS = 11 (520 LF)
 TOTAL AREA = 5200 SF
 NO. PILES = 130



TYPICAL SECTION

PERMIT DRAWINGS
 NOT FOR CONSTRUCTION

FIGURE 8:
**BOAT BUILDERS DOCKS &
 PIERS SECTION**
 DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013

0 20' 40'
 AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

**BUCKSPORT
 MARINE PARK**
**GRAND STRAND
 WATER & SEWER AUTHORITY**
 166 JACKSON BLUFF ROAD
 CONWAY, SC 29526

SUMMARY

TRESTLE

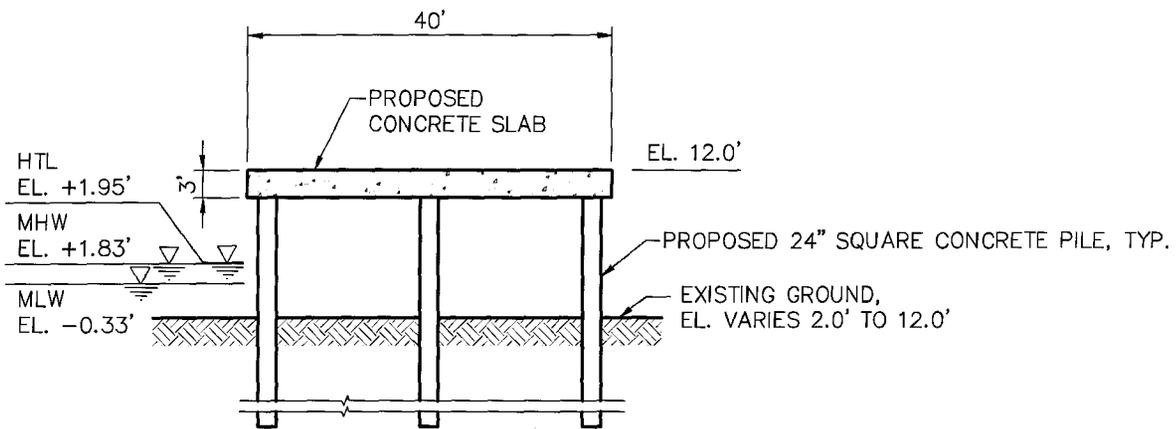
TOTAL AREA = 43200 SF

NO. PILES = 219

TURN-AROUND AREA

TOTAL AREA = 7855 SF

NO. PILES = 14

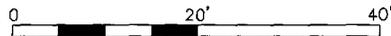


TRESTLE SECTION

PERMIT DRAWINGS
NOT FOR CONSTRUCTION

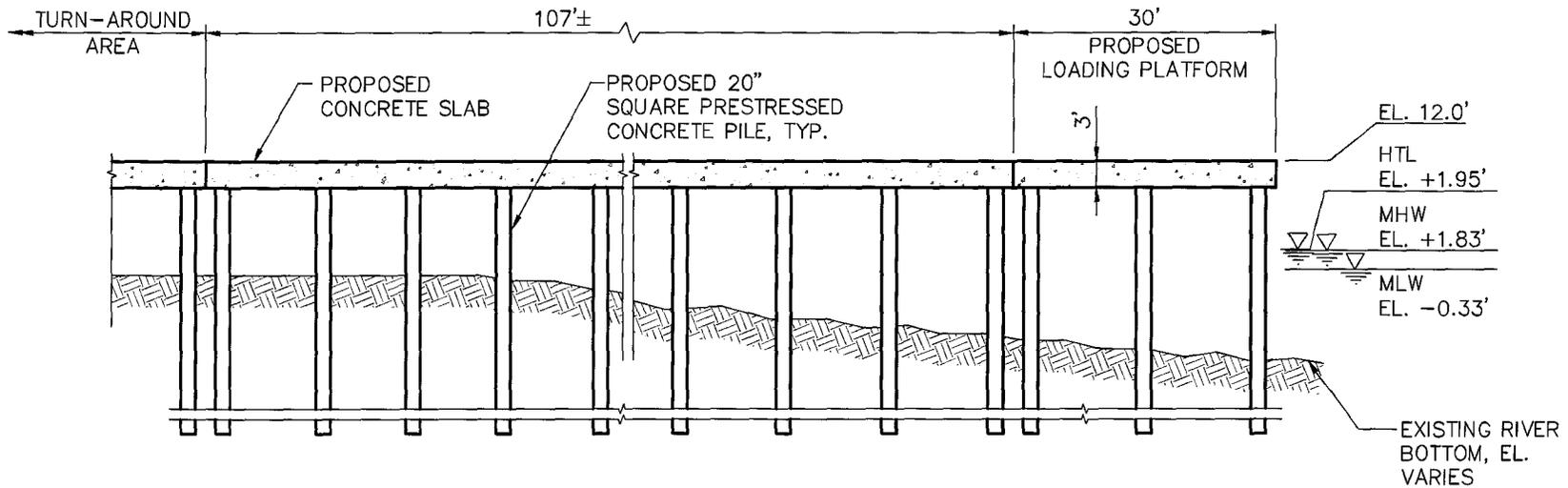
FIGURE 9:
TRESTLE SECTION

DATUM: NAD83, NAVD88
DATE: NOVEMBER 2013



AUTHORIZED AGENT: THE BRIGMAN GROUP
DRAWN BY: MOFFATT & NICHOL

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WATER & SEWER AUTHORITY**
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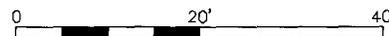


LOADING PLATFORM

PERMIT DRAWINGS
NOT FOR CONSTRUCTION

FIGURE 10:
LOADING PLATFORM

DATUM: NAD83, NAVD88
DATE: NOVEMBER 2013

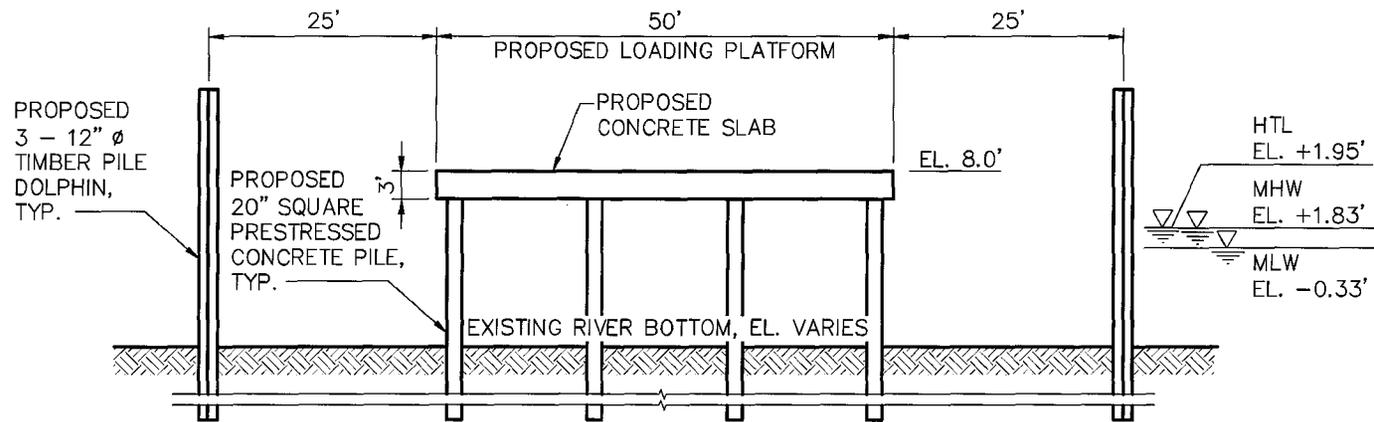


AUTHORIZED AGENT: THE BRIGMAN GROUP
DRAWN BY: MOFFATT & NICHOL

BUCKSPORT
MARINE PARK
GRAND STRAND
WATER & SEWER AUTHORITY
166 JACKSON BLUFF ROAD
CONWAY, SC 29526

SUMMARY

TOTAL AREA = 3640 SF
NO. CONCRETE PILES = 28
NO. TIMBER DOLPHINS = 8
SIDE TIE = 450 LF



LOADING PLATFORM ELEVATION

PERMIT DRAWINGS
NOT FOR CONSTRUCTION

FIGURE 11:
LOADING PLATFORM ELEVATION

DATUM: NAD83, NAVD88
DATE: NOVEMBER 2013

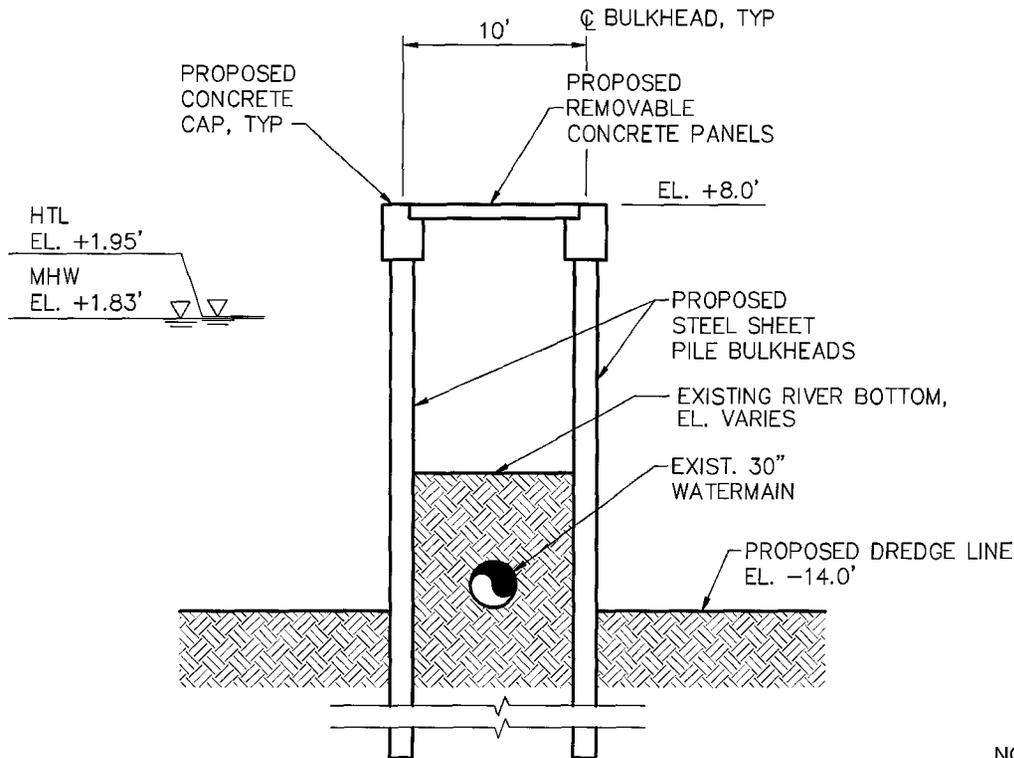


AUTHORIZED AGENT: THE BRIGMAN GROUP
DRAWN BY: MOFFATT & NICHOL

BUCKSPORT
MARINE PARK
GRAND STRAND
WATER & SEWER AUTHORITY
166 JACKSON BLUFF ROAD
CONWAY, SC 29526

SUMMARY

TOTAL AREA = 1020 SF

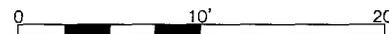


TYPICAL SECTION

NOTE:
30" WATERLINE PROTECTION
PIER WILL BE CONSTRUCTED IN
PHASE 1 PRIOR TO DREDGING.

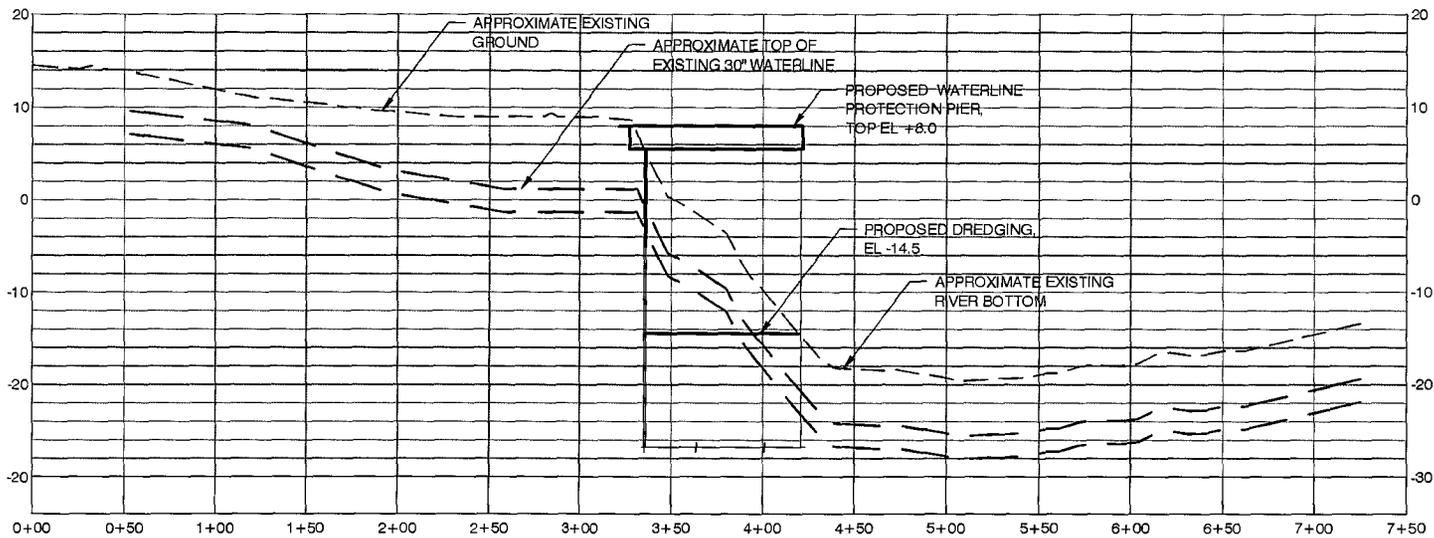
PERMIT DRAWINGS
NOT FOR CONSTRUCTION

FIGURE 12:
**30" WATERLINE
PIER PROTECTION SECTION**
DATUM: NAD83, NAVD88
DATE: NOVEMBER 2013



AUTHORIZED AGENT: THE BRIGMAN GROUP
DRAWN BY: MOFFATT & NICHOL

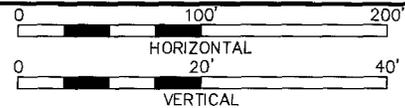
BUCKSPORT
MARINE PARK
GRAND STRAND
WATER & SEWER AUTHORITY
166 JACKSON BLUFF ROAD
CONWAY, SC 29526



PERMIT DRAWINGS
NOT FOR CONSTRUCTION

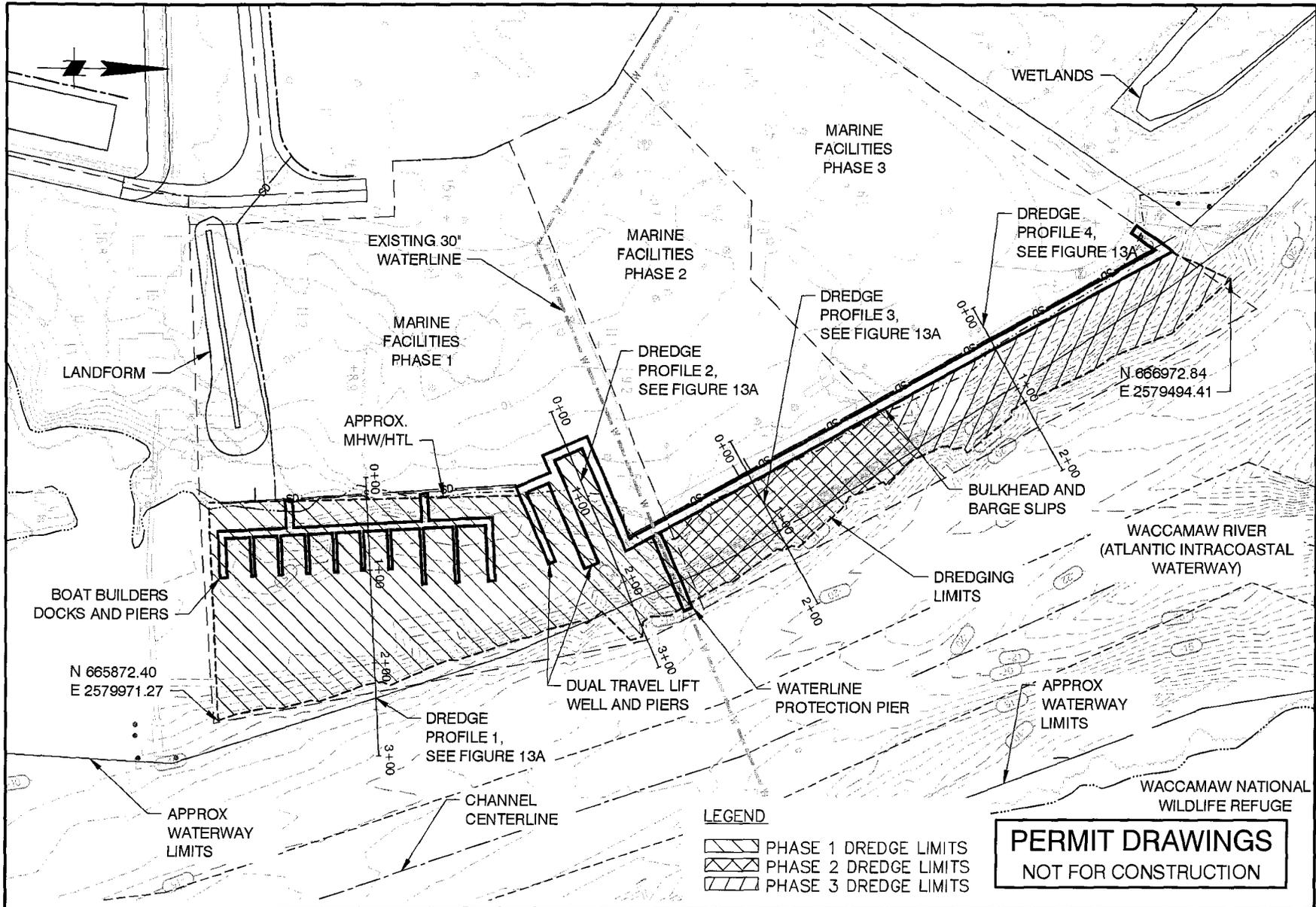
FIGURE 12A:
WATERLINE & PIER PROFILE

DATUM: NAD83, NAVD88
DATE: NOVEMBER 2013



AUTHORIZED AGENT: THE BRIGMAN GROUP
DRAWN BY: MOFFATT & NICHOL

BUCKSPORT
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NOTE:
 WATER ELEVATIONS BASED ON
 NOAA STATION 8661139
 BUCKSPORT, WACCAMAW RIVER
 HTL = +1.95' MHW = +1.83'
 MHW LOCATED BY SPARTINA LAND
 SURVEYING, LLC JUNE 2011.

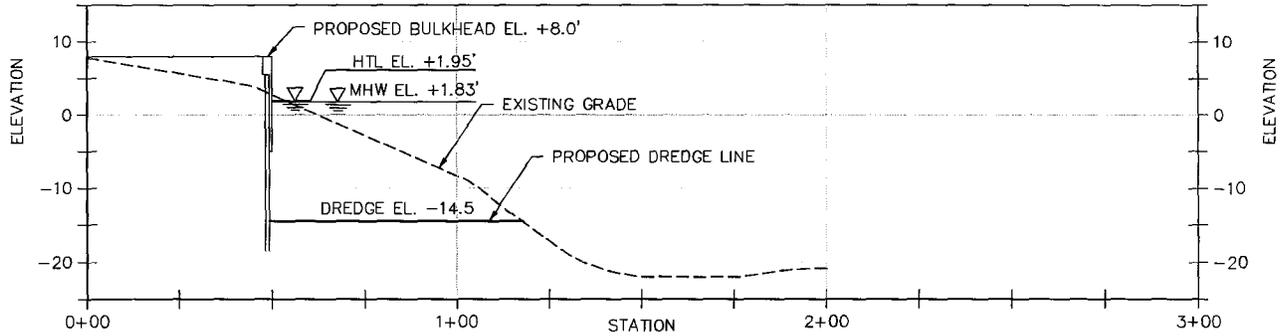
FIGURE 13:
DREDGE PLAN
 DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013

0 150' 300'
 AUTHORIZED AGENT: THE BRIGMAN GROUP
 DRAWN BY: MOFFATT & NICHOL

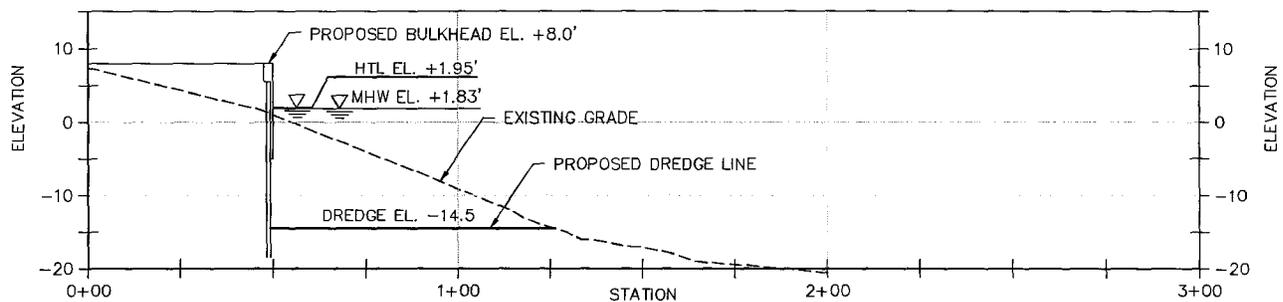
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BUCKSPORT
 MARINE PARK
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 WATER & SEWER AUTHORITY
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 CONWAY, SC 29526

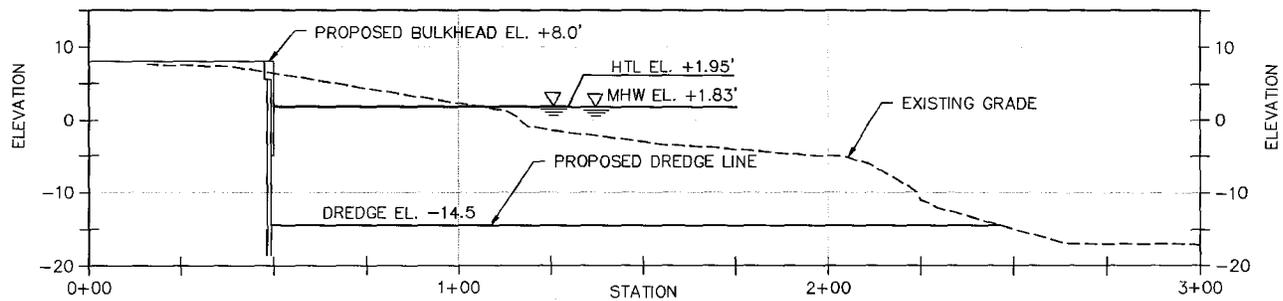
DREDGE PROFILE 4 (PHASE 3)



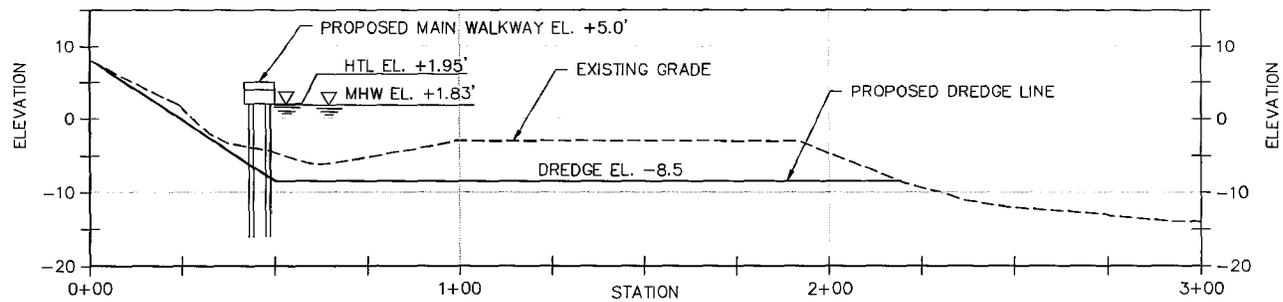
DREDGE PROFILE 3 (PHASE 2)



DREDGE PROFILE 2 (PHASE 1)



DREDGE PROFILE 1 (PHASE 1)



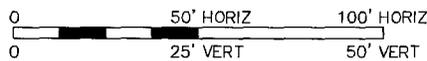
PERMIT DRAWINGS
NOT FOR CONSTRUCTION

CUT
AREA = 138,960 SF
VOLUME = 40,000 CY

FILL (BELOW MHW)
AREA = 4,690 SF
VOLUME = 1,705 CY

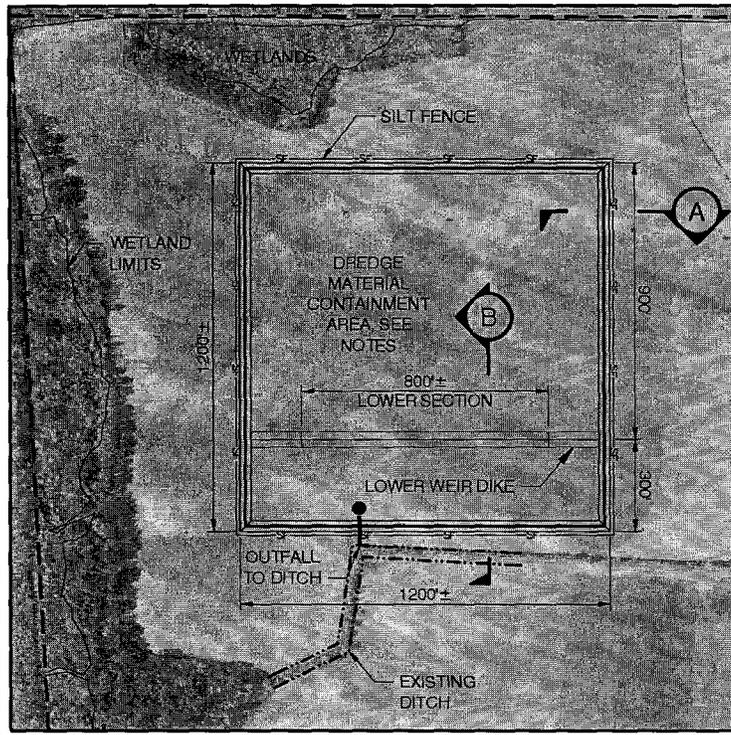
FIGURE 13A:
DREDGE PROFILES

DATUM: NAD83, NAVD88
DATE: NOVEMBER 2013



AUTHORIZED AGENT: THE BRIGMAN GROUP
DRAWN BY: MOFFATT & NICHOL

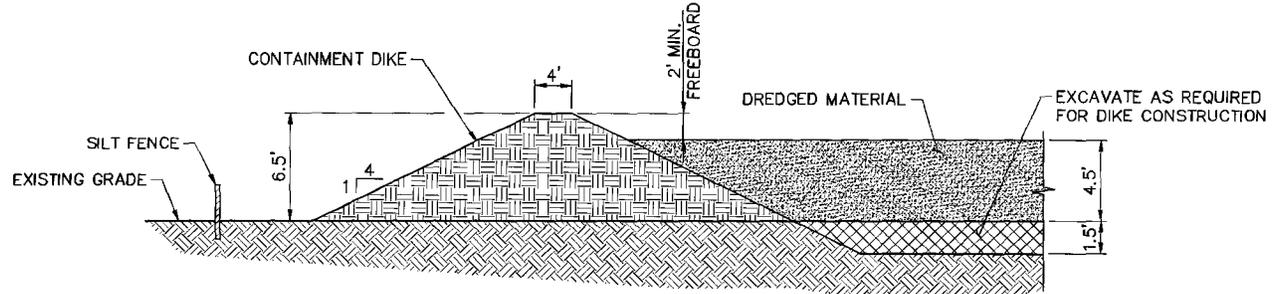
BUCKSPORT MARINE PARK
GRAND STRAND
WATER & SEWER AUTHORITY
166 JACKSON BLUFF ROAD
CONWAY, SC 29526



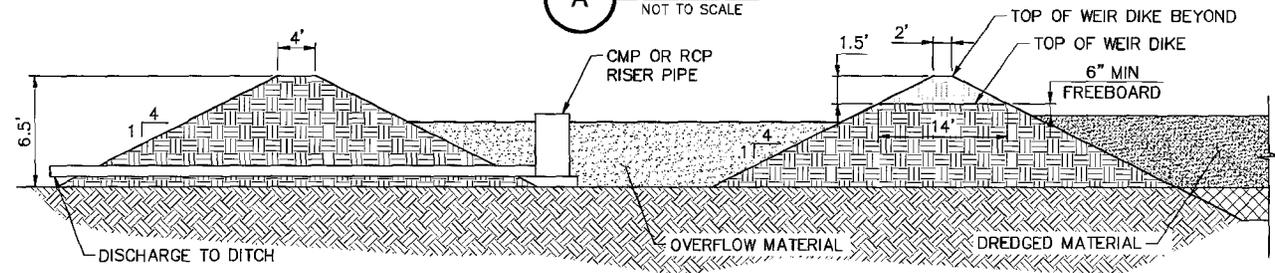
NOTES:

1. LOCATION AND SIZE OF SPOIL CONTAINMENT AREA TO BE FIELD LOCATED WITH OWNER PRIOR TO COMMENCEMENT OF DREDGING OPERATIONS.
2. CONTAINMENT AREA SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE ENVIRONMENTAL RESOURCES PERMIT.
3. DIMENSIONS SHOWN ARE APPROXIMATE BASED ON THE ESTIMATED VOLUME OF DREDGE SPOIL MATERIAL. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DIMENSIONS AND MAKING ANY NECESSARY ADJUSTMENTS TO CONTAIN THE MATERIAL VOLUME. DESIGN OF DOUBLE CHAMBERED BASIN, FLASHBOARD RISER AND OUTFALL PIPE TO BE DETERMINED BASED ON VOLUME OF DREDGE SPOIL MATERIAL.
4. SPOIL AREAS SHALL HAVE A MINIMUM BUFFER ZONE OF 50' FROM ADJACENT PROPERTY LINES AND 25' FROM EXISTING PAVED ROADWAYS.
5. CONTRACTOR SHALL NOT DISTURB ANY EXISTING UTILITIES DURING CONSTRUCTION OR SPOIL PLACEMENT. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGES TO EXISTING UTILITIES.
6. SILT FENCE SHALL BE IN ACCORDANCE WITH SCDOT STANDARDS AND SPECIFICATIONS FOR MATERIALS, INSTALLATION AND MAINTENANCE.

SPOIL DISPOSAL PLAN



A SECTION
NOT TO SCALE



B SECTION
NOT TO SCALE

PERMIT DRAWINGS
NOT FOR CONSTRUCTION

FIGURE 14:
DREDGE MATERIAL CONTAINMENT AREA
DATUM: NAD83, NAVD88
DATE: NOVEMBER 2013

0 600' 1200'
AUTHORIZED AGENT: THE BRIGMAN GROUP
DRAWN BY: MOFFATT & NICHOL

BUCKSPORT MARINE PARK
GRAND STRAND
WATER & SEWER AUTHORITY
166 JACKSON BLUFF ROAD
CONWAY, SC 29526

AREA SUMMARY TABLE					
ID (FIG 3)	LOCATION	TOTAL AREA (SF)	NO. PILES	SLIPS	DEMOLITION AREA (SF)
1	BARGE SLIPS & BULKHEAD	6900	N/A	650 LF	14430
2	TRAVEL LIFT & BULKHEAD	4440	55	380 LF	N/A
3	BOAT BUILDERS DOCKS	5200	130	11 / 520 LF	N/A
4	TRESTLE	51055	233	N/A	N/A
5	LOADING PLATFORM	3640	52	450 LF	N/A
6	WATERLINE PROTECTION PIER	1020			
7	DREDGING	137940	N/A	N/A	N/A
	TOTAL	210195	470		14430

JURISDICTIONAL IMPACT SUMMARY TABLE						
ID (FIG 3)	LOCATION	BULKHEAD FILL IMPACT BELOW MHW (SF)	BULKHEAD FILL IMPACT BELOW MHW (CY)	WETLAND SHADING (SF)	TNW DREDGING (SF)	TNW DREDGING (CY)
1	BARGE SLIPS & BULKHEAD	4000	1450			
2	TRAVEL LIFT & BULKHEAD	690	255			
3	BOAT BUILDERS DOCKS					
4	TRESTLE			38725		
5	LOADING PLATFORM			650		
6	WATERLINE PROTECTION PIER					
7	DREDGING				137940	40000
	TOTAL	4690	1705	39375	137940	40000

PERMIT DRAWINGS
NOT FOR CONSTRUCTION

FIGURE 15:

**IMPACT SUMMARY
TABLE**

DATUM: NAD83, NAVD88

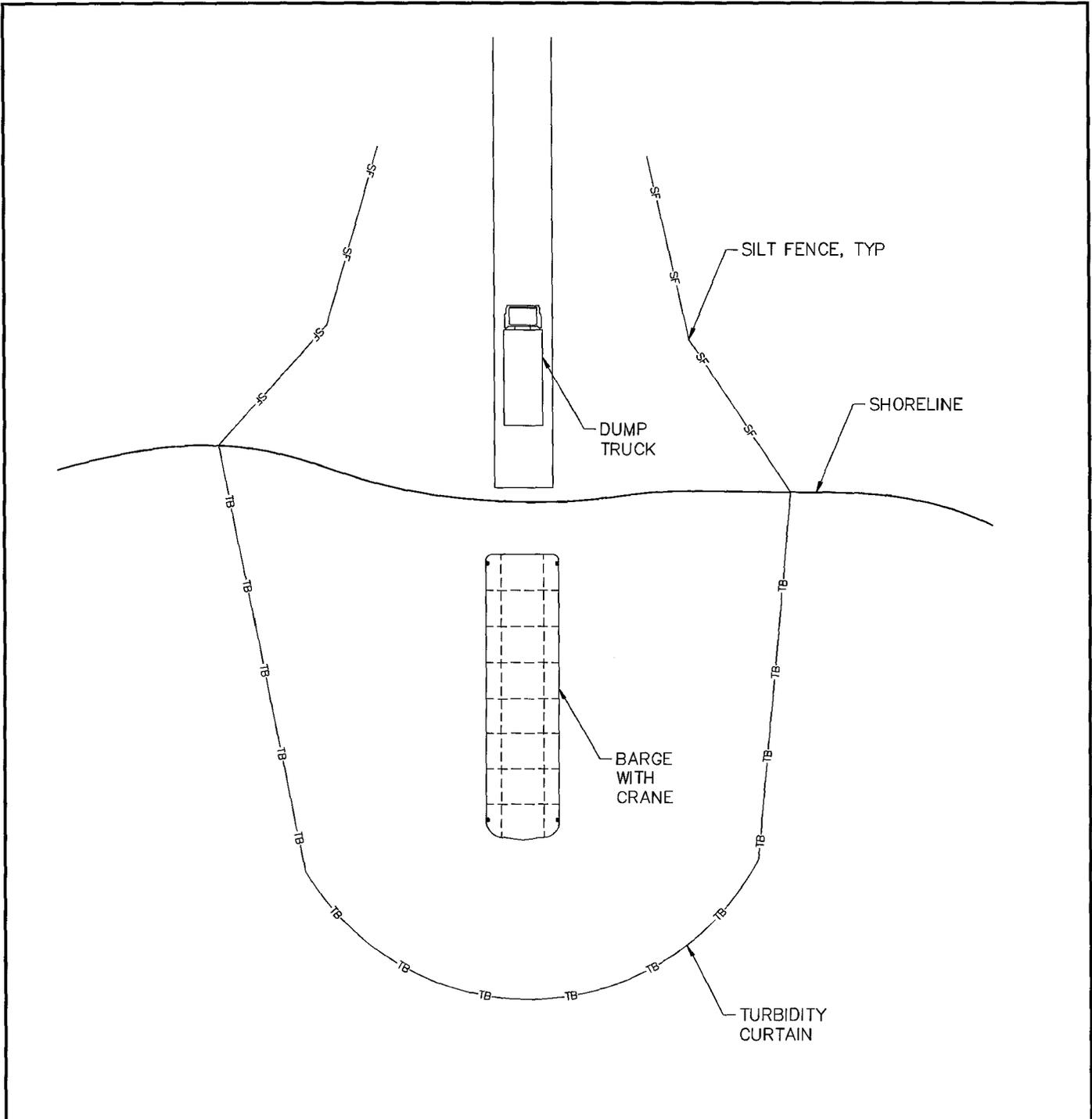
DATE: NOVEMBER 2013

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BUCKSPORT
MARINE PARK

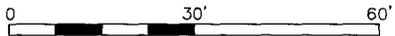
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FIGURE 16:
**DREDGE MATERIAL
 TRANSFER**

DATUM: NAD83, NAVD88
 DATE: NOVEMBER 2013



AUTHORIZED AGENT: THE BRIGMAN GROUP
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