J O I N T
P U B L I C N O T I C E

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
Water Quality Certification and Wetlands Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION
Refer to: P/N SAC-2017-00223 July 10, 2017

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

GDMB Marina Land, LLC
c/o Mr. Rob Wilfong
Castles Engineering, Inc.
2024 Corporate Centre Drive, Suite 102
Myrtle Beach, South Carolina 29577

for the construction of four community docks, bank stabilization and dredging in the

Atlantic Intracoastal Waterway (AIWW)

at a location described as northeast of and adjacent to the intersection of U.S. Highway 17 Bypass and Robert M. Grissom Parkway in Myrtle Beach, Horry County, South Carolina (Latitude: 33.7532 °N, Longitude: -78.8395 °W), HAND QUAD.

In order to give all interested parties an opportunity to express their views

N O T I C E

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 the construction of four community docks, bank stabilization, and dredging within open waters of the AIWW. Dock # 1 consists of a 10' x 170' fixed dock situated parallel to the bank and connected to adjacent uplands by a 5' x 49.5' walkway. Six (6) 5' x 25' finger piers would extend water ward of the fixed dock and facilitate access to twelve (12) 13' x 13' boat lifts. In order to secure navigable depths in the vicinity of dock # 1, the applicant is proposing to dredge approximately 0.50 acre (2,327 cubic yards) of open waters in the AIWW. In addition, the applicant is proposing to install 240 linear feet of corrugated steel sheet pile bulkhead above the High Tide Line (HTL) which would minimize backfill impacts to WOUS. An upland bank cut in front of the bulkhead would then remove 123 cubic yards of material and intercept the High Tide Line (HTL). Upon interception of the HTL, the excavation would expand Waters of the United States (WOUS) in the vicinity of Dock #1 by 0.02 acre.

Dock # 2 consist of a 10' x 10' fixed pier head and a 10' x 60' aluminum floating dock, connected to adjacent uplands by a 5' x 113.66' walkway. In order to secure navigable depths in the vicinity of dock # 2, the applicant is proposing to dredge approximately 0.30 acre (1,946 cubic yards) of open waters in the AIWW. In addition, the applicant is proposing to install 185 linear feet of corrugated steel sheet pile bulkhead above the High Tide Line (HTL) which would minimize backfill impacts to WOUS. An upland bank cut in front of the bulkhead would then remove 194 cubic yards of material and intercept the High Tide Line (HTL). Upon interception of the HTL, the excavation would expand Waters of the United States (WOUS) in the vicinity of Dock #2 by 0.05 acre.

Dock # 3 consists of a 10' x 170' fixed dock situated parallel to the bank and connected to the adjacent uplands by a 5' x 36.86 walkway. Six (6) 5' x 25' finger piers would extend water ward of the fixed dock and facilitate access to twelve (12) 13' x 13' boat lifts. In order to secure navigable depths in the vicinity of dock # 3, the applicant is proposing to dredge approximately 0.49 acre (1,947 cubic yards) of open waters in the AIWW. In addition, the applicant is proposing to install 240 linear feet of corrugated steel sheet pile bulkhead above the High Tide Line (HTL) which would minimize backfill impacts to WOUS. An upland bank cut in front of the bulkhead would then remove 103 cubic yards of material and intercept the High Tide Line (HTL). Upon interception of the HTL, the excavation would expand Waters of the United States (WOUS) in the vicinity of Dock # 3 by 0.01 acre.

Dock # 4 consists of a 10' x 137' fixed dock situated parallel to the bank and connected to the adjacent uplands by a 5' x 36.09' walkway. Six (5) 5' x 25' finger piers would extend water ward of the fixed dock and facilitate access to twelve (10) 13' x 13' boat lifts. In order to secure navigable depths in the vicinity of dock # 4, the applicant is proposing to dredge approximately 0.48 acres (2,242 cubic yards) of open waters in the AIWW. In addition, the applicant is proposing to install 210 linear feet of corrugated steel sheet pile bulkhead above the High Tide Line (HTL) which would minimize backfill impacts to WOUS. An upland bank cut in front of the bulkhead would then remove 118 cubic yards of material and intercept the High Tide Line (HTL). Upon interception of the HTL, the excavation would expand Waters of the United States (WOUS) in the vicinity of Dock # 4 by 0.02 acre.

Pile-driving will take place by jetting the timber piles in approximately 5-10'. Timber piles will then be linked to and driven by a barge mounted pile driving apparatus. All hydraulically operated equipment will utilize biodegradable hydraulic fluid.

The proposed dredging will take place over a total of 1.8 acres of open water area in the AIWW and will remove 8,462 cubic yards of bottom material and the upland bank cuts will consist

of the removal of a total of 0.10 acre (538 cubic yards) of upland material. The bottom will be dredged to a depth of -4.4' (MLW). Dredging will be accomplished using a clamshell bucket and/or track-hoe and floating barge. The spoil material will be contained in a water tight container and floated north, where it will be pumped via extendable piping into an existing upland excavated spoil basin for dewatering. As stated by the applicant, the spoil will dewater through infiltration into the previously excavated pit. A flashboard riser will be installed and adjusted as needed to facilitate dewatering and any lateral flow of water. The spoil basin has a total capacity of 6,800 cubic yards.

The overall construction phasing plan includes two phases. Phase 1 is the construction of docks # 1 and #2. Spoil material from phase 1 will be allowed to dewater in the spoil basin over the next year and will then be removed. Phase 2 consist of the construction of docks # 3 and #4. Spoil material from phase 2 will then be placed in the upland excavated spoil basin for dewatering.

As stated by the applicant, in an effort to avoid and minimize impacts on-site to the maximum extent practicable, the site will be lined with silt fence, and stabilized with rip-rap and seeding where applicable. A turbidity curtain will be utilized at each dock site. The applicant offered no compensatory mitigation for impacts associated with the project. It is understood that this work is to be conducted on/or adjacent to an area subject to a prism and/or disposal area held by the United States. Appropriate provisions will been included in the permit to ensure the interests of the Federal Government are understood. The project purpose is to provide long term bank stabilization, recreational access and vessel mooring within the AIWW.

NOTE: This public notice and associated plans are available on the Corps' website at: http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices .

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 1.8 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, based on the most recently available information, that the

proposed project will have no effect on Shortnose Sturgeon (*Acipenser brevirostrum*), Atlantic Sturgeon (Acipenser *oxyrinchus oxyrinchus*), Green Sea Turtle (*Chelonia mydas*), Kemp's Ridley Sea Turtle (*Lepidochelys kempi*), Leatherback Sea Turtle (*Dermochelys coriacea*), Loggerhead Sea Turtle (*Caretta caretta*), Kirtland's Warbler (*Setophaga kirtlandii),* Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa)*, Red-cockaded Woodpecker (*Picoides borealis*) and the Wood Stork (*Mycteria Americana)* and will not result in the destruction or adverse modification of their designated or proposed critical habitat. Additionally, the District Engineer has determined that the project is not likely to adversely affect the West Indian Manatee (*Trichechus manatus*) 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 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)(*l*)(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

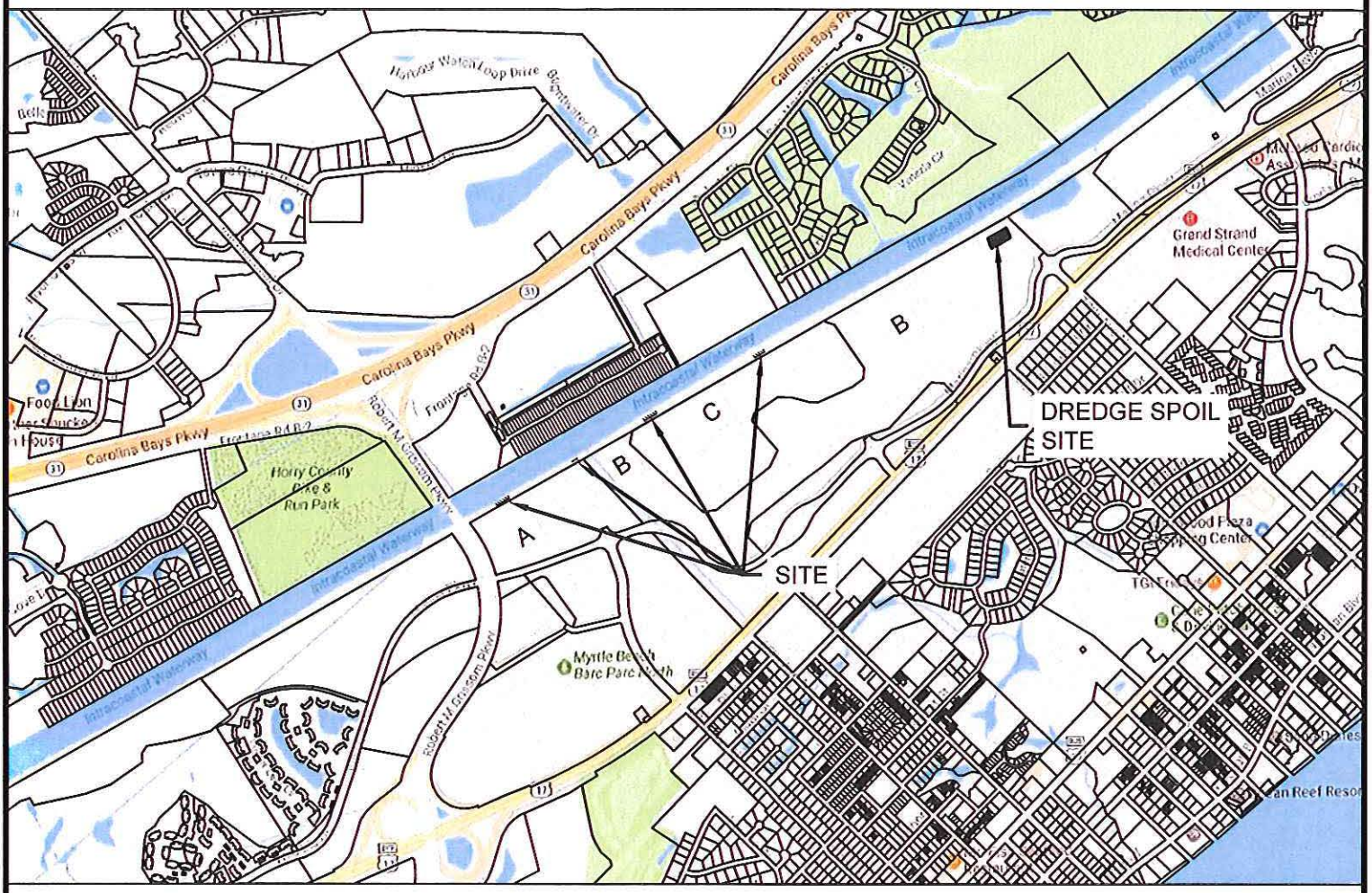
be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

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. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
1949 INDUSTRIAL PARK ROAD, ROOM 140
CONWAY, SOUTH CAROLINA 29526

If there are any questions concerning this public notice, please contact Erica L. Stone, Project Manager, at (843) 365-4239.

LOCATION MAP



SITE DATA:

PARCEL INFORMATION:

	TMS:	AREA:	OWNER:
A.	165-00-01-474	30.78 AC.	GDMB MARINA LAND, LLC
B.	165-00-01-473	121.16 AC.	GDMB MARINA LAND, LLC
C.	165-00-01-075	55.95 AC.	GDMB MARINA LAND, LLC

PROJECT INFORMATION:

DOCK #1: FIXED DOCK/12 PRIVATE DRY DOCK LIFTS
DOCK #2: FLOATING DOCK/TEMPORARY DOCKING
DOCK #3: FIXED DOCK/12 PRIVATE DRY DOCK LIFTS
DOCK #4: FIXED DOCK/10 PRIVATE DRY DOCK LIFTS

MATERIAL TOTALS:

BOAT LIFTS:	34
STEEL SHEET PILE BULK HEAD:	875 LF
RIP-RAP:	740 CY
ALUMINUM DOCK PLATFORMS:	8620 SF
WOOD PILES:	201

WATERWAY DATA:

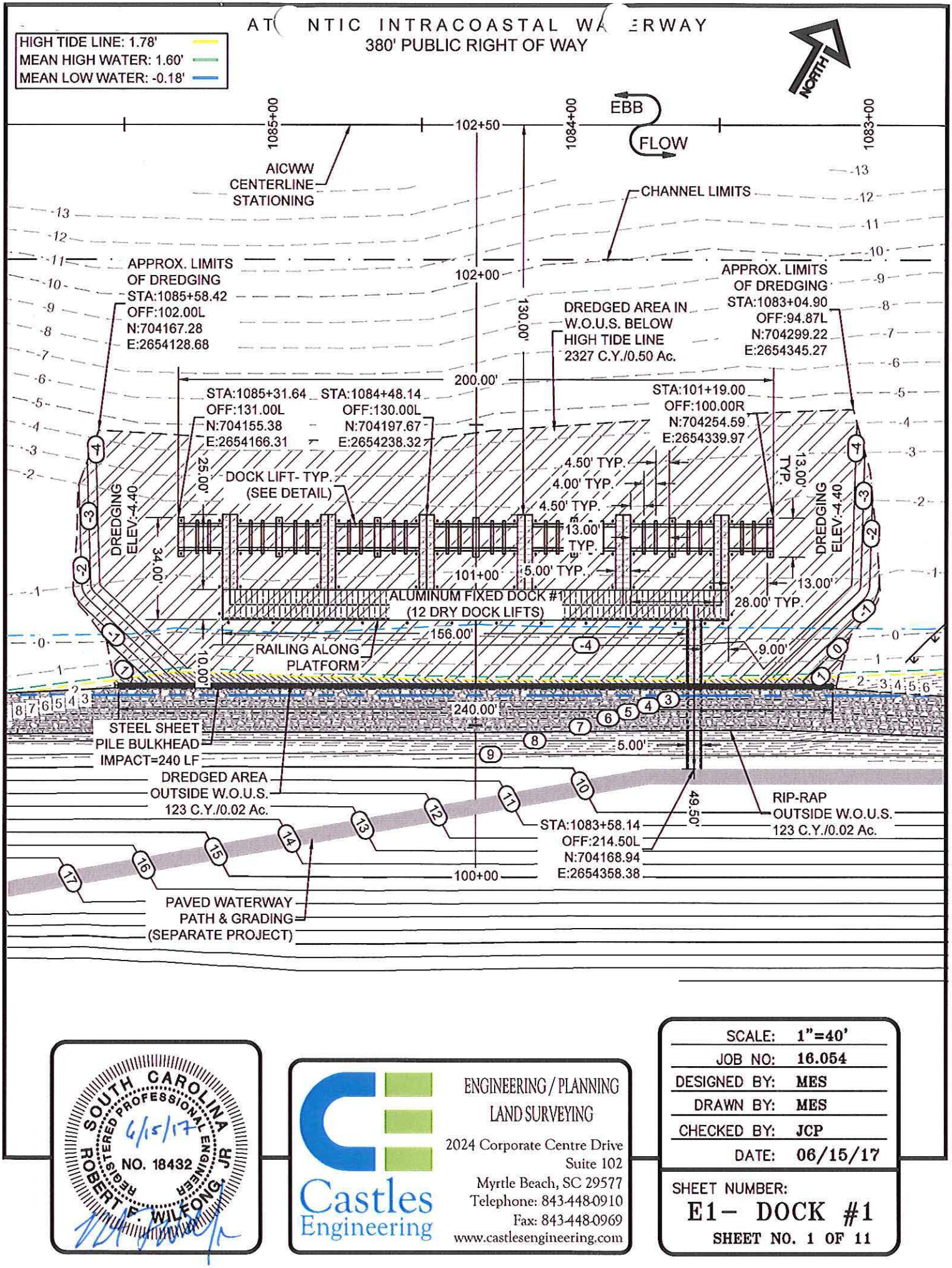
HIGH TIDE LINE (HTL):	1.78'
MEAN HIGH WATER (MHW):	1.60'
MEAN LOW WATER (MLW):	-0.18'

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
ROBERT F. WILFONG, JR
NO. 18432
6/15/17

Castles Engineering
ENGINEERING / PLANNING
LAND SURVEYING
2024 Corporate Centre Drive
Suite 102
Myrtle Beach, SC 29577
Telephone: 843-448-0910
Fax: 843-448-0969
www.castlesengineering.com

SCALE:	1"=2000'
JOB NO:	16.054
DESIGNED BY:	MES
DRAWN BY:	MES
CHECKED BY:	JCP
DATE:	06/15/17

SHEET NUMBER:
D1- DATA SHEET
SHEET NO. 11 OF 11



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SCALE:	1"=40'
JOB NO:	16.054
DESIGNED BY:	MES
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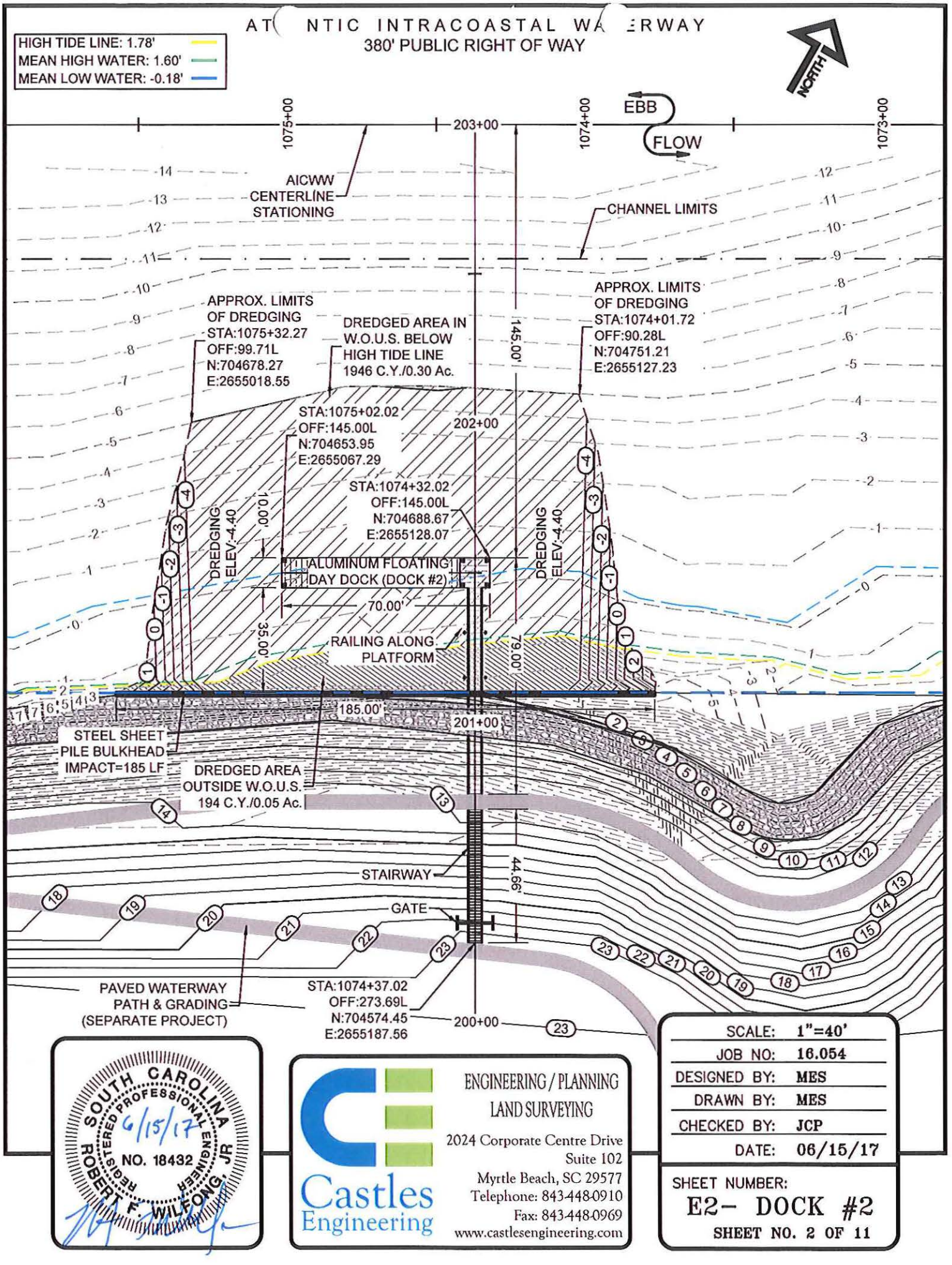
DATE:	06/15/17

SHEET NUMBER:
E1– DOCK #1
SHEET NO. 1 OF 11



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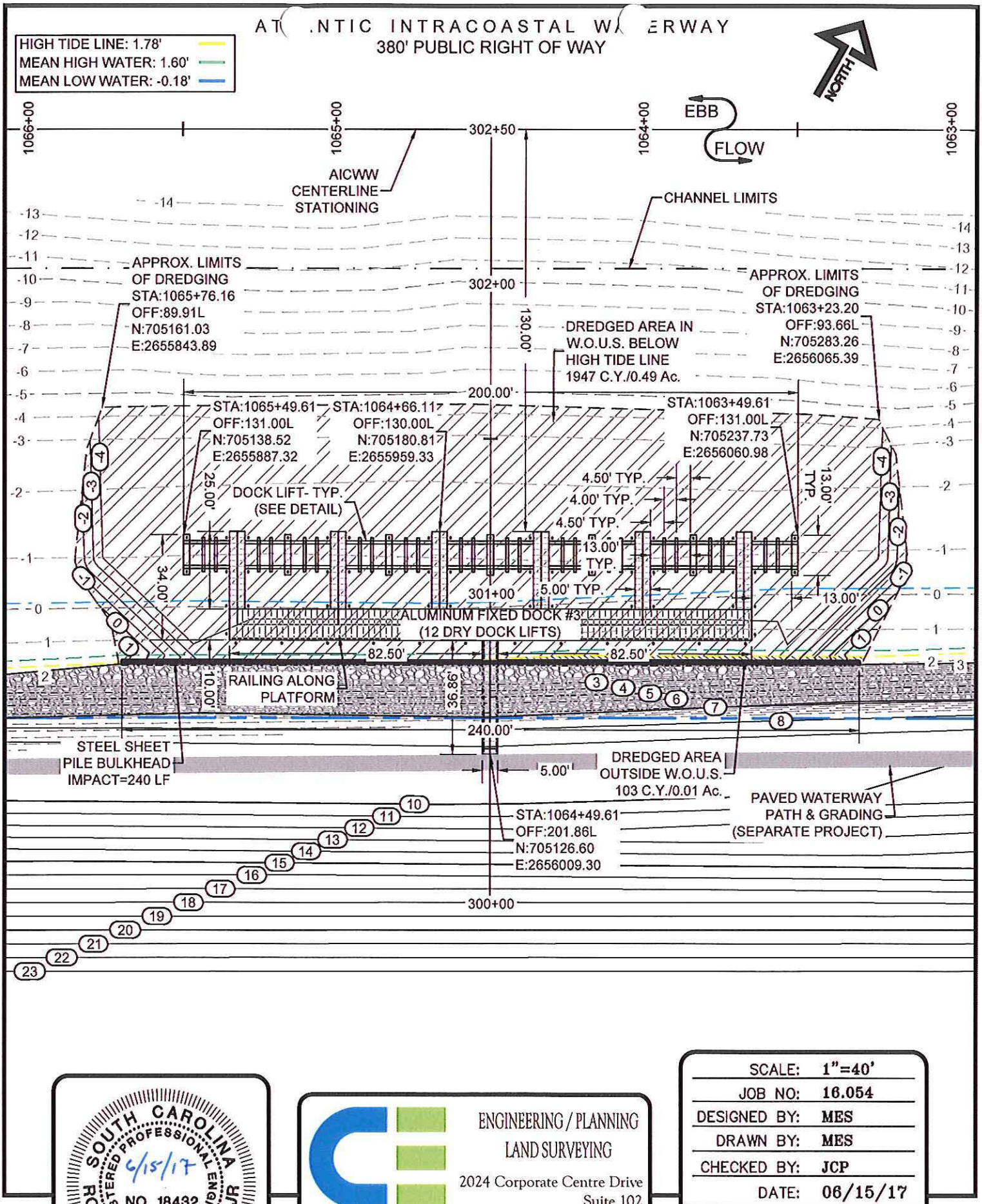
SHEET NUMBER:
E2- DOCK #2
SHEET NO. 2 OF 11



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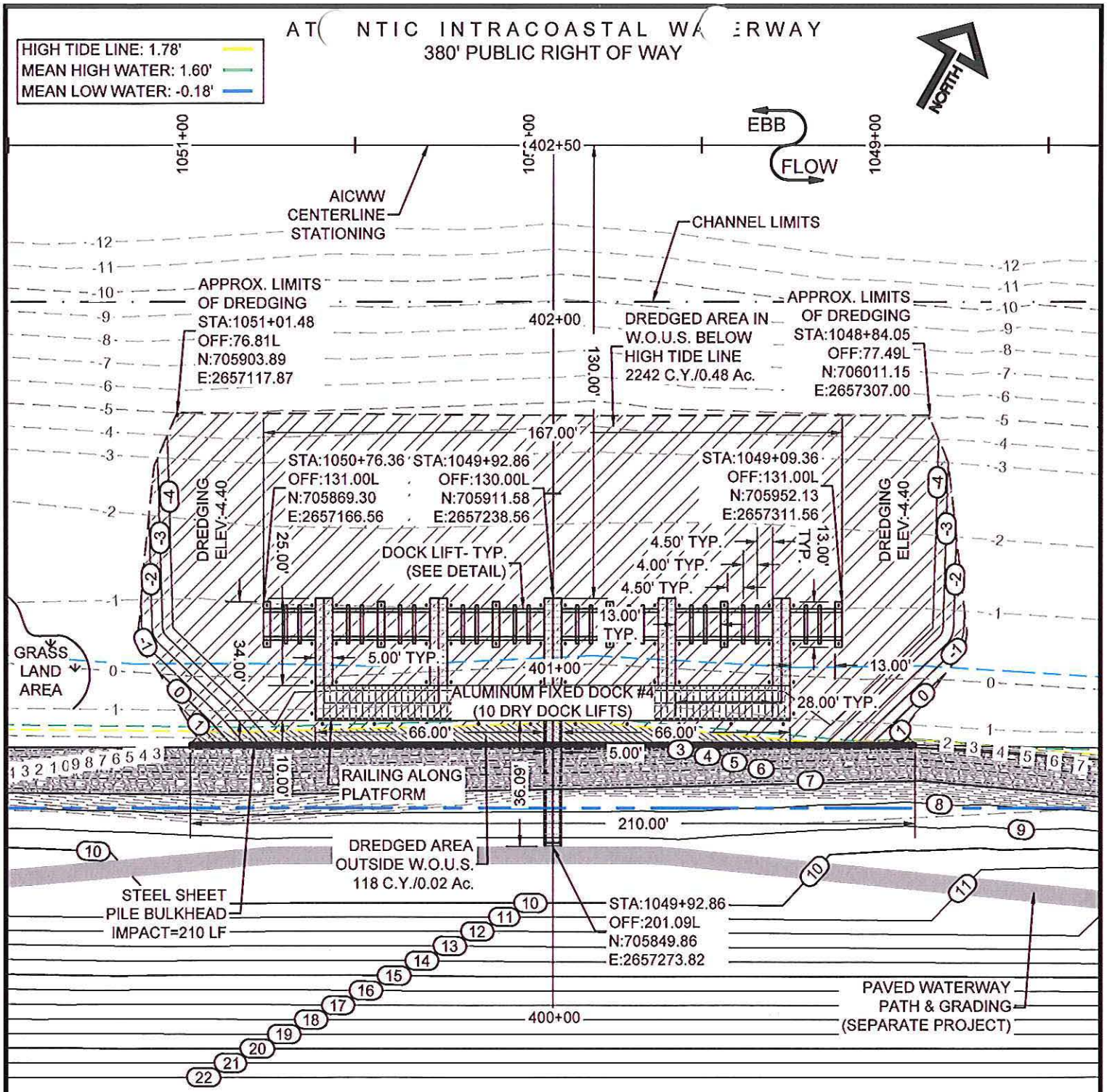
DATE:	06/15/17

SHEET NUMBER:

E3– DOCK #3

SHEET NO. 3 OF 11



SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
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4/15/17

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JOB NO:	16.054
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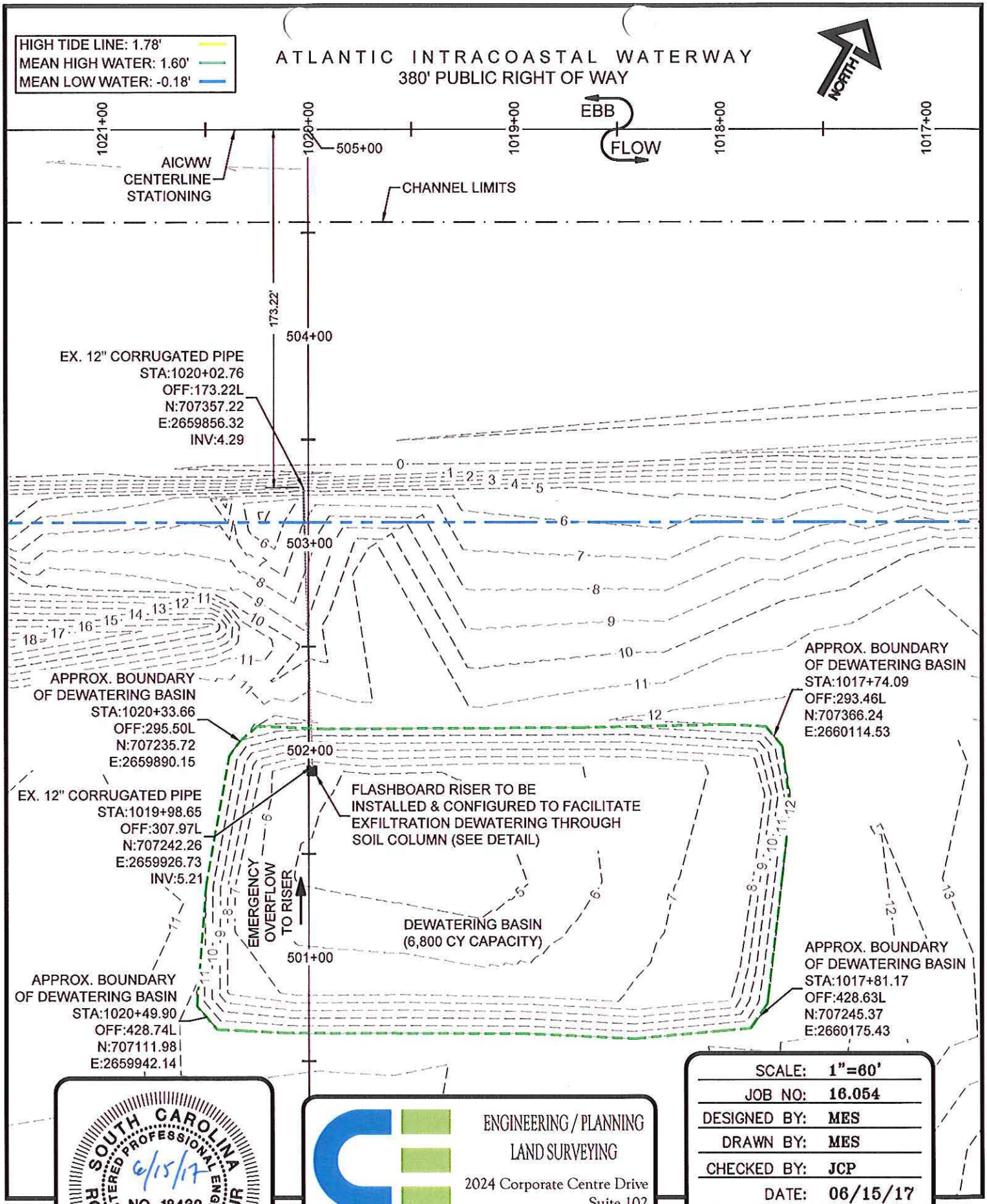
DATE:	06/15/17

SHEET NUMBER:
E4- DOCK #4
SHEET NO. 4 OF 11



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SCALE:	1"=60'
JOB NO:	16.054
DESIGNED BY:	MES
DRAWN BY:	MES
CHECKED BY:	JCP
DATE:	06/15/17

SHEET NUMBER:

E5– SPOIL BASIN

SHEET NO. 5 OF 11

HIGH TIDE LINE: 1.78'
MEAN HIGH WATER: 1.60'
MEAN LOW WATER: -0.18'

HORIZONTAL SCALE

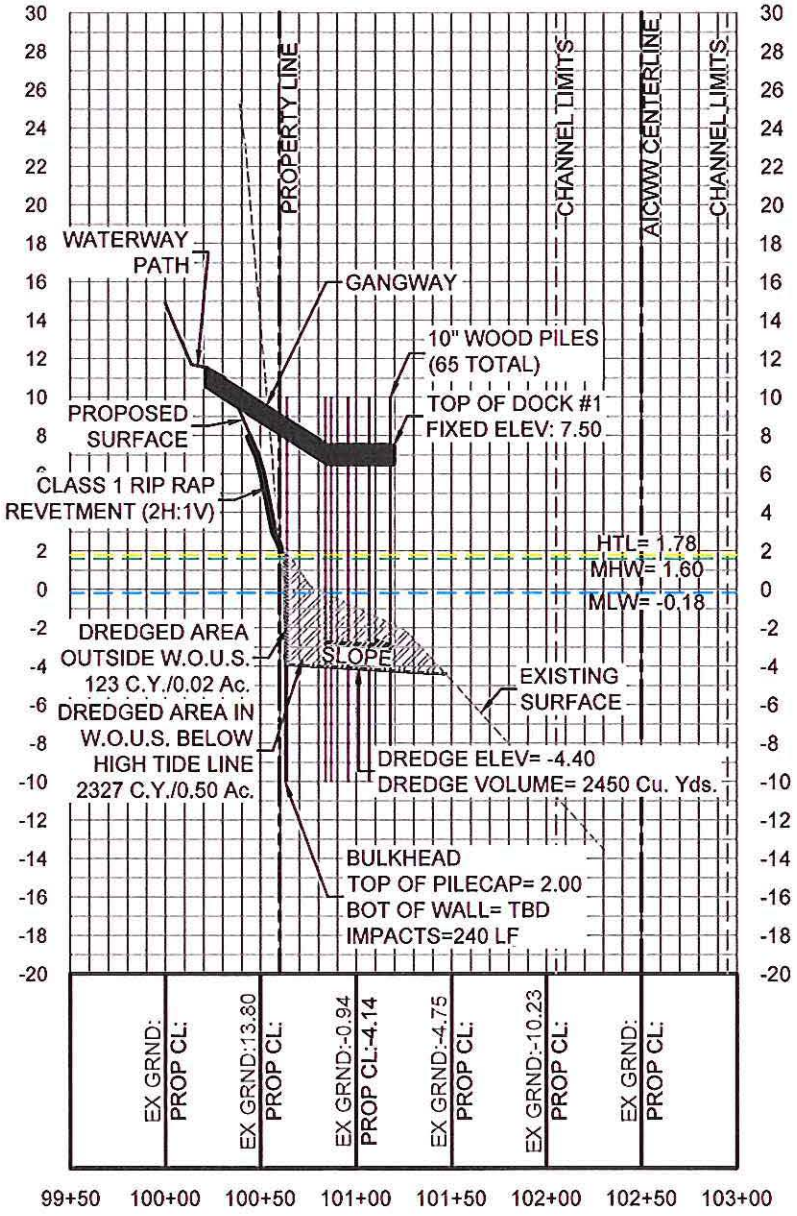
100 0 50 100

(IN FEET)
1 inch = 100 ft.

VERTICAL SCALE

10 0 5 10

(IN FEET)
1 inch = 10 ft.



Dock #1

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
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6/15/17

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SCALE:	AS NOTED
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DATE:	06/15/17

SHEET NUMBER:
P1- DOCK #1 PROFILE
SHEET NO. 6 OF 11

HIGH TIDE LINE: 1.78'
MEAN HIGH WATER: 1.60'
MEAN LOW WATER: -0.18'

HORIZONTAL SCALE

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(IN FEET)
1 inch = 100 ft.

VERTICAL SCALE

10 0 5 10

(IN FEET)
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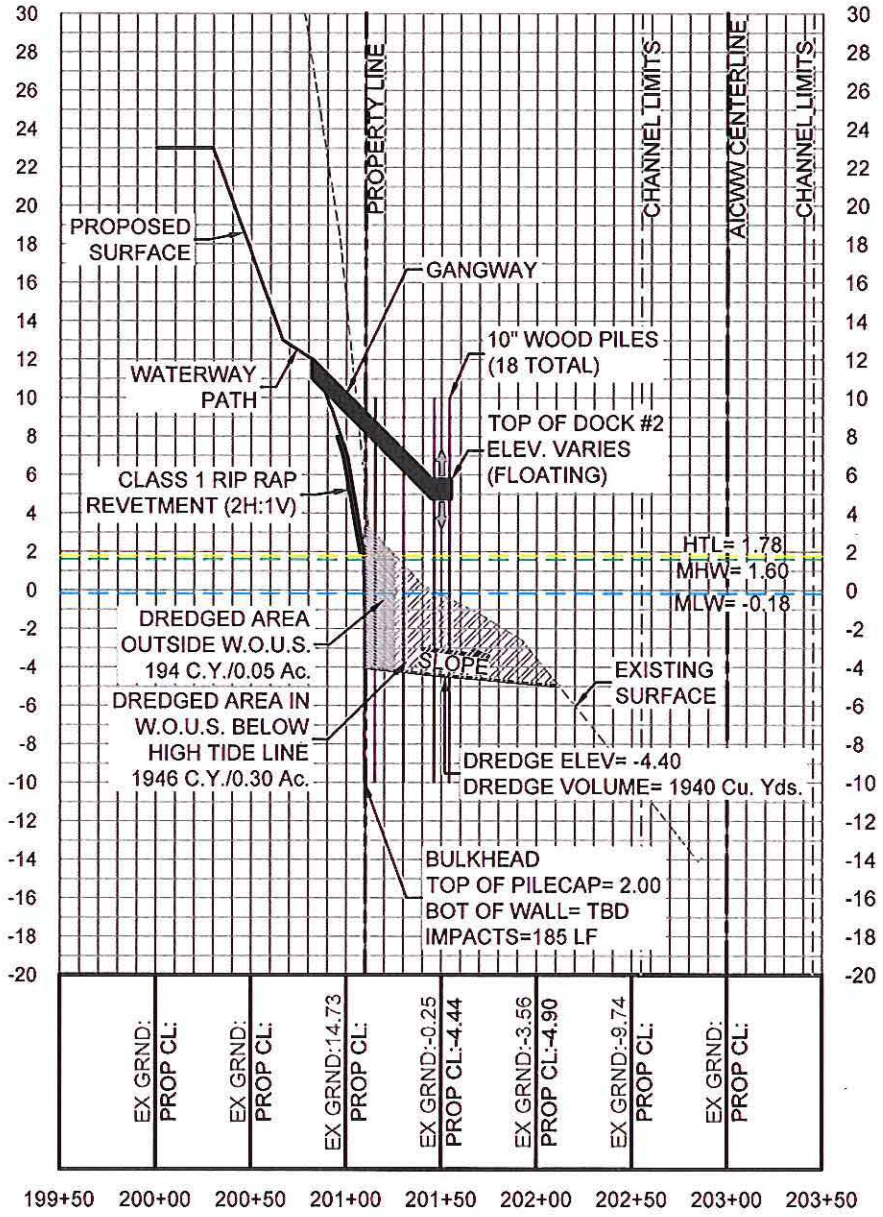

Dock #2

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
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4/15/17

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SHEET NUMBER:
P2- DOCK #2 PROFILE
SHEET NO. 7 OF 11

HIGH TIDE LINE: 1.78'
MEAN HIGH WATER: 1.60'
MEAN LOW WATER: -0.18'

HORIZONTAL SCALE

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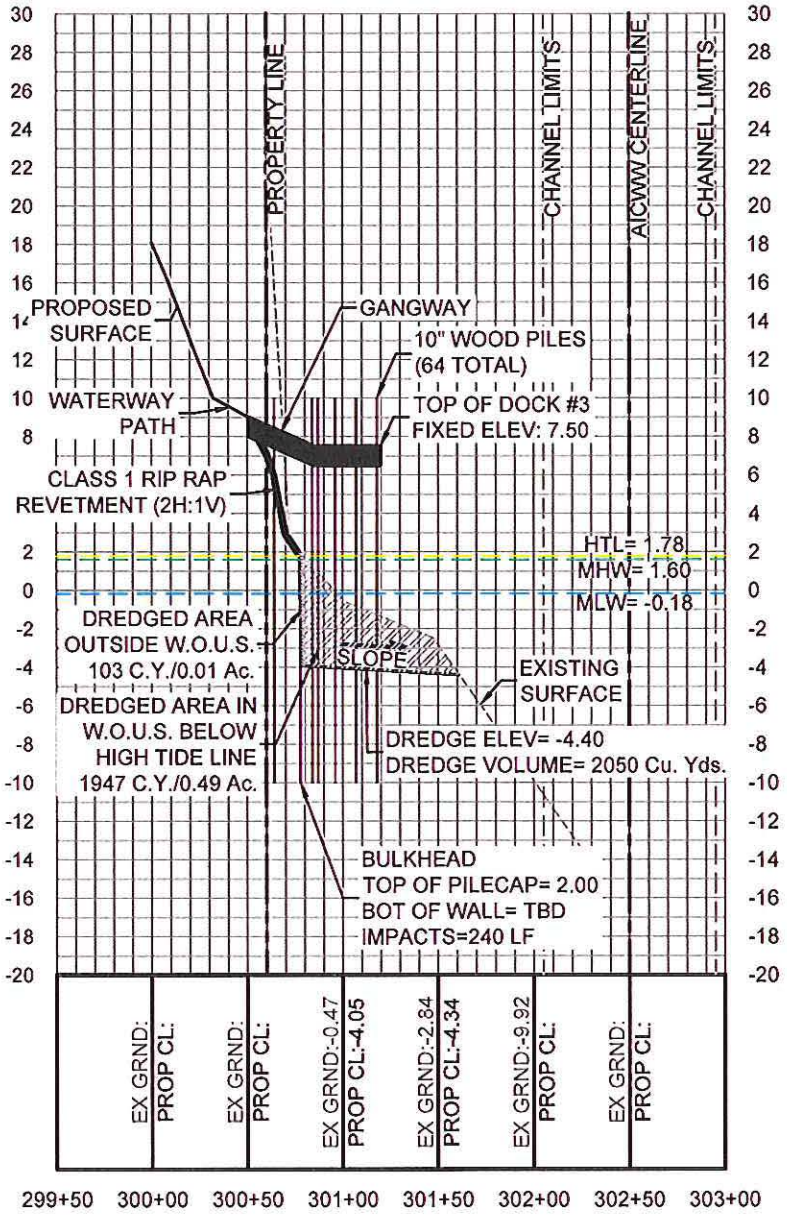
(IN FEET)
1 inch = 100 ft.

VERTICAL SCALE

10 0 5 10

(IN FEET)
1 inch = 10 ft.



Dock #3

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
6/15/17
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SHEET NUMBER:
P3- DOCK #3 PROFILE
SHEET NO. 8 OF 11

HIGH TIDE LINE: 1.78'
MEAN HIGH WATER: 1.60'
MEAN LOW WATER: -0.18'

HORIZONTAL SCALE

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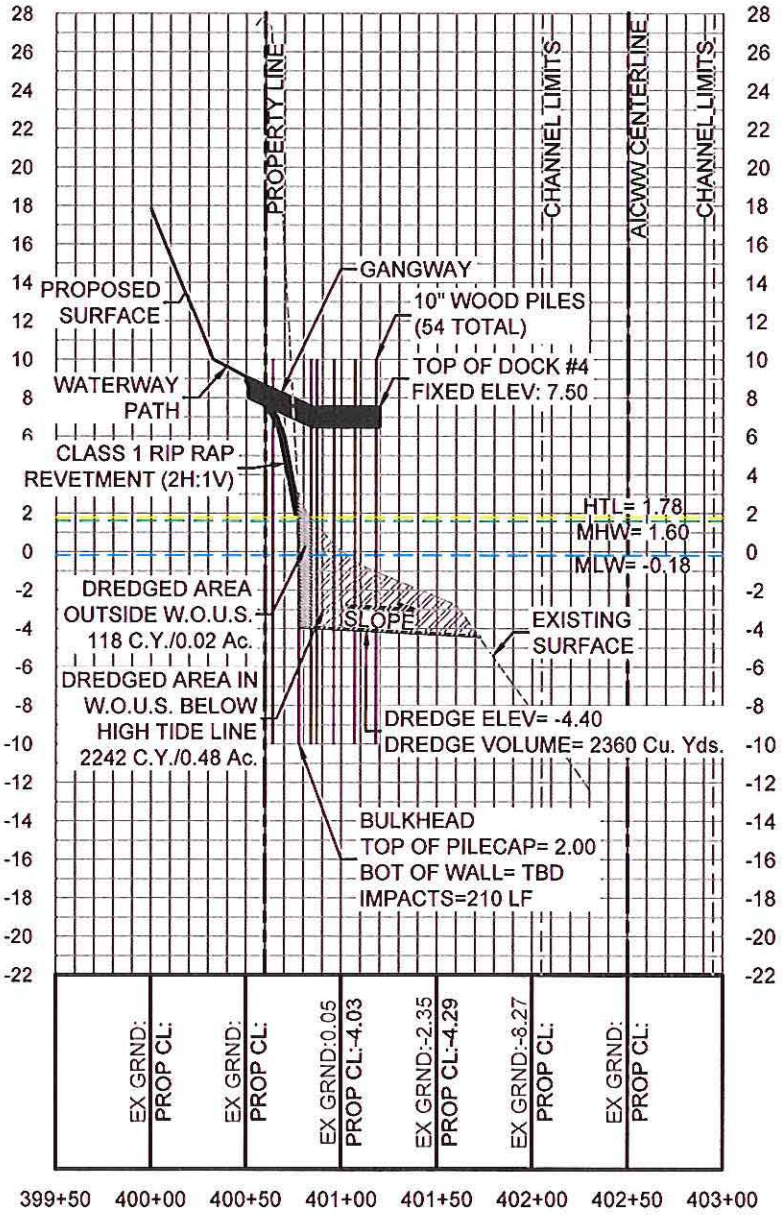
(IN FEET)
1 inch = 100 ft.

VERTICAL SCALE

10 0 5 10

(IN FEET)
1 inch = 10 ft.



Dock #4

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
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6/15/17

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SHEET NUMBER:
P4- DOCK #4 PROFILE
SHEET NO. 9 OF 11

HIGH TIDE LINE: 1.78'
MEAN HIGH WATER: 1.60'
MEAN LOW WATER: -0.18'

HORIZONTAL SCALE

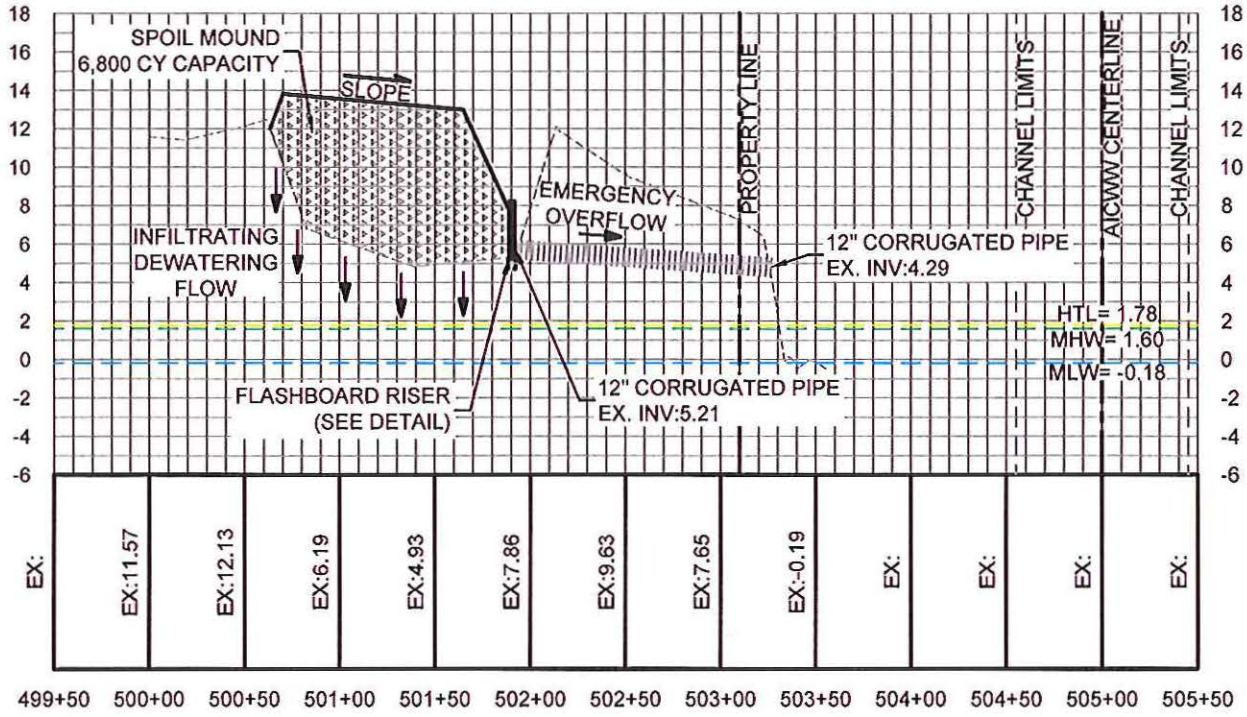
100 0 50 100

(IN FEET)
1 inch = 100 ft.

VERTICAL SCALE

10 0 5 10

(IN FEET)
1 inch = 10 ft.



Spoil Basin

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
ROBERT F. WILFONG, JR
NO. 18432
6/15/17

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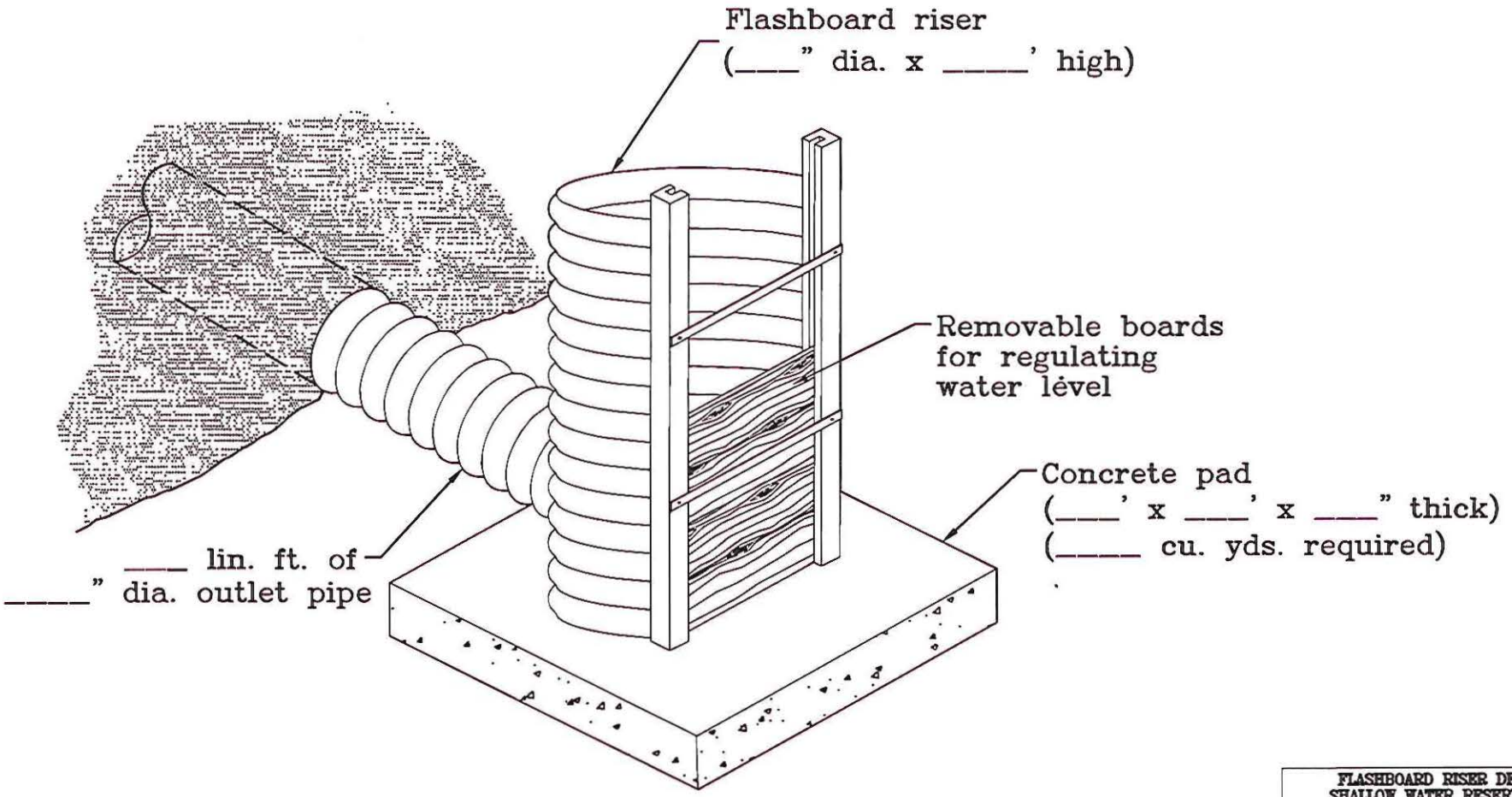
P5- SPOIL BASIN PROFILE
SHEET NO. 10 OF 11



FLASHBOARD RISER

(Not to scale)

FLASHBOARD RISER DETAIL SHALLOW WATER RESERVOIRS _____ FARM _____ COUNTY, ALABAMA	
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	
Designed Drawn Traced Checked	Date Approved by Title Sheet No. of Drawing No.