

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
1949 Industrial Park Rd, 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 #2013-01323-3IY (REVISED)

February 14, 2014

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

**Chip Grueter**  
**c/o Beam and Associates**  
**Dr. H Wayne Beam**  
**PO Box 3238**  
**North Myrtle Beach, SC 29582**

for a permit to construct a private use recreational dock and to perform associated dredging in the

**Atlantic Intracoastal Waterway**

Located at 4104 Grey Heron Drive (Lot #90), North Myrtle Beach, Horry County, South Carolina  
(Latitude: 33.80666; Longitude: -78.73444).

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 the construction of a private use recreational dock and associated dredging for boat access. Specifically, the applicant proposes to construct a 6' x 58' pier with an attached 8' x 10

fixed pierhead, a perpendicular 4' x 24' walkway will be connected to a 8' x 28' hurricane platform lift by a 4' x 24' ramp. Additionally, a 16' x 36' covered boat lift and a 16' x 26' uncovered boat lift will be constructed on opposite sides of the proposed pier. Finally, the applicant proposes to mechanically dredge 2000 cubic yards of material from the AIWW from the footprint of the proposed dock structure accomplished by utilizing a Long Reach Excavator with a 65' span that will be situated on the adjacent uplands. The dredged material will be deposited in a temporary confined disposal facility (CDF) constructed on the adjacent uplands and allowed to dewater into the AIWW through and overflow structure. The purpose of the proposed work, as stated by the applicant, is to provide boating access to coastal waters. 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 (0.18) 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.

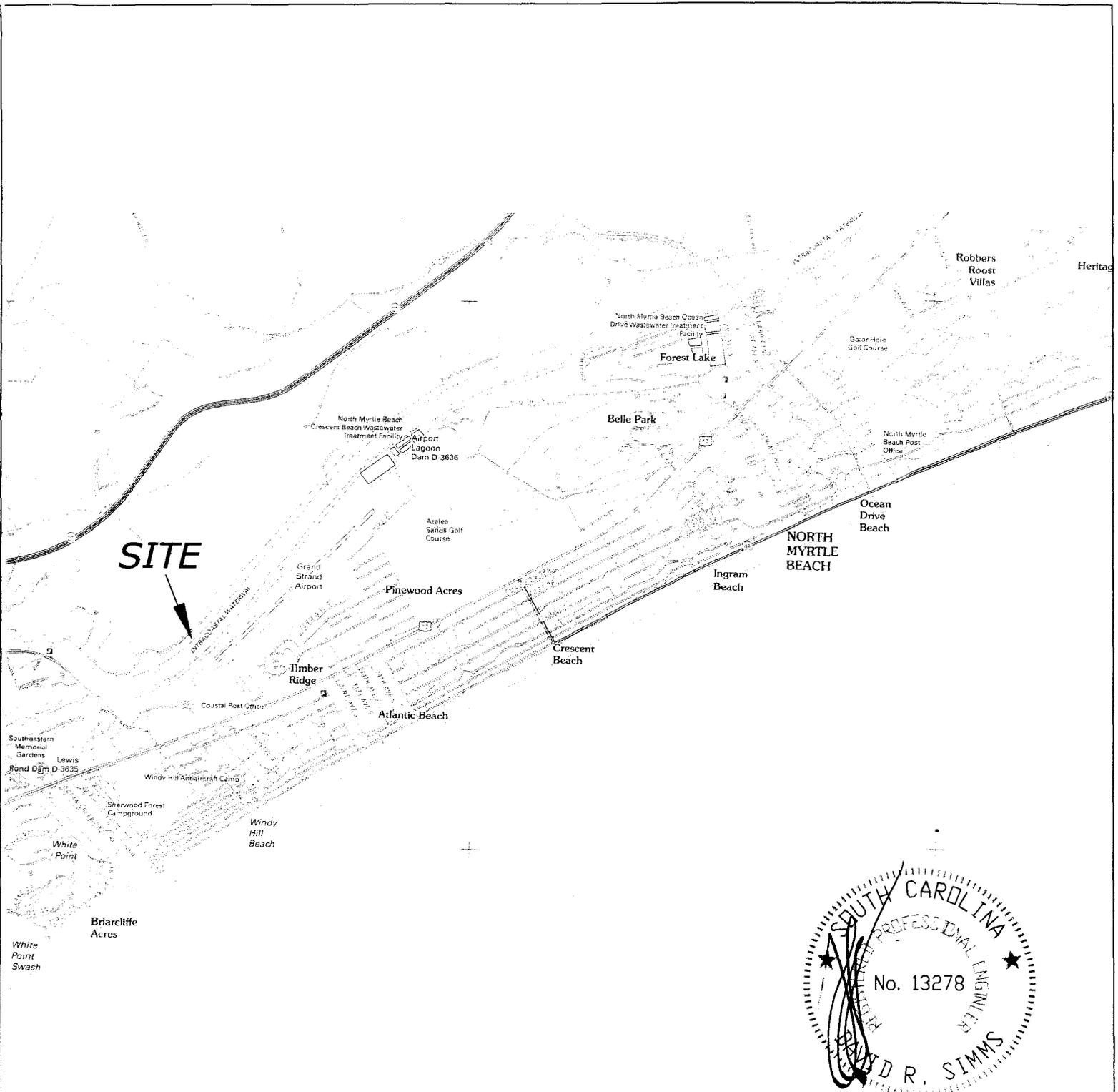
In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered 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.

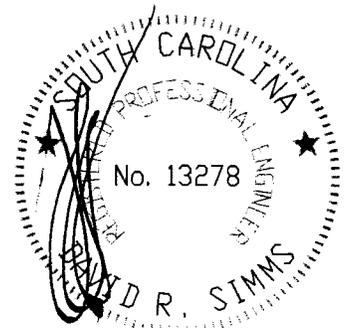
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section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

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



LOCATION MAP



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NOT FOR CONSTRUCTION

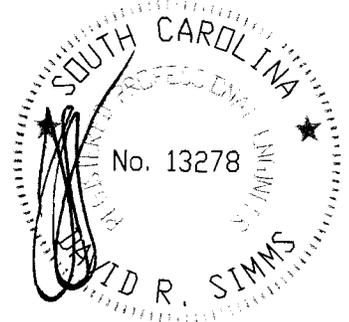
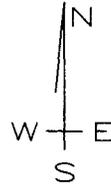
WAMPEE QUAD

APPLICANT:  
**FRANCIS J. GRUETER, IV.**  
ACTIVITY: Construct Walkway,  
Pier, Floating Docks, Boat Lifts  
& Dredge  
P/N#

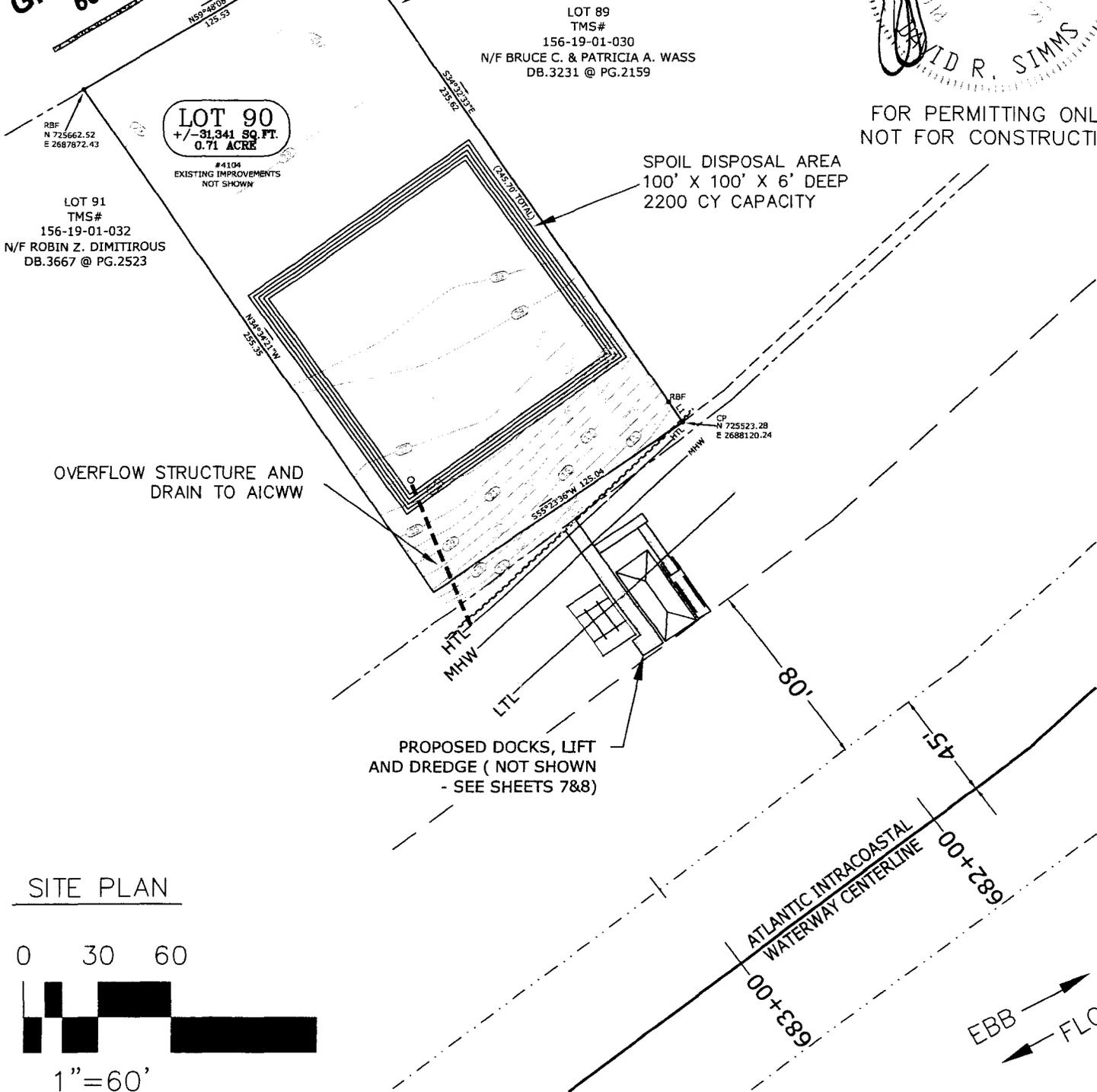
LOCATION: Barefoot Resort  
Intracoastal Waterway  
North Myrtle Beach  
COUNTY: Horry  
DATE: 11/22/2013

SHEET 1 OF 8

**GRAY HERON DRIVE**  
66' R/W-PRIVATE



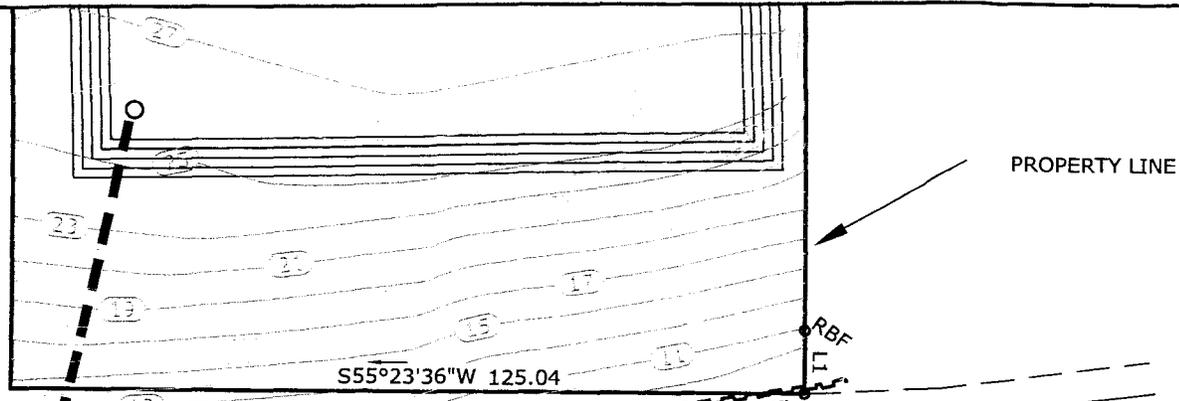
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SITE PLAN

APPLICANT:  
**FRANCIS J. GRUETER, IV.**  
ACTIVITY: Construct Walkway,  
Pier, Floating Docks, Boat Lifts  
& Dredge  
P/N#

LOCATION: Barefoot Resort  
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North Myrtle Beach  
COUNTY: Horry  
DATE: 11/22/2013



PROPERTY LINE

S55°23'36"W 125.04

CP  
N 725523.28  
E 2688120.24

EXISTING METAL  
RETAINING WALL

HTL  
MHW

NOTE: DREDGE NOT  
SHOWN FOR CLARITY -  
SEE SHEETS 7&8

4x24' WALKWAY

4x24' RAMP

8x28' HURRICANE PLATFORM LIFT

80' CHANNEL OFFSET

LTL

41'

A

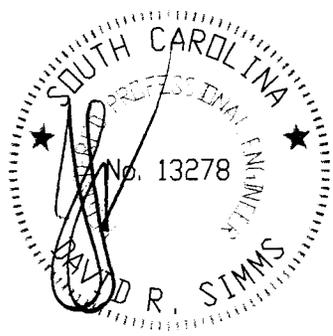
G

36.7'

16x26' LIFT

16x36' COVERED LIFT

8x10' PIER HEAD  
6x57.6' PIER



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NAD 83 STATE PLANE COORDINATES

	EAST	NORTH
POINT A	2688087.4059	725424.8296
POINT B	2688103.8160	725424.6902
POINT C	2688112.0467	725430.3696
POINT D	2688112.8698	725430.9376
POINT E	2688126.0389	725440.0246
POINT F	2688126.8619	725440.5926
POINT G	2688131.8004	725444.0002

0 15 30 60



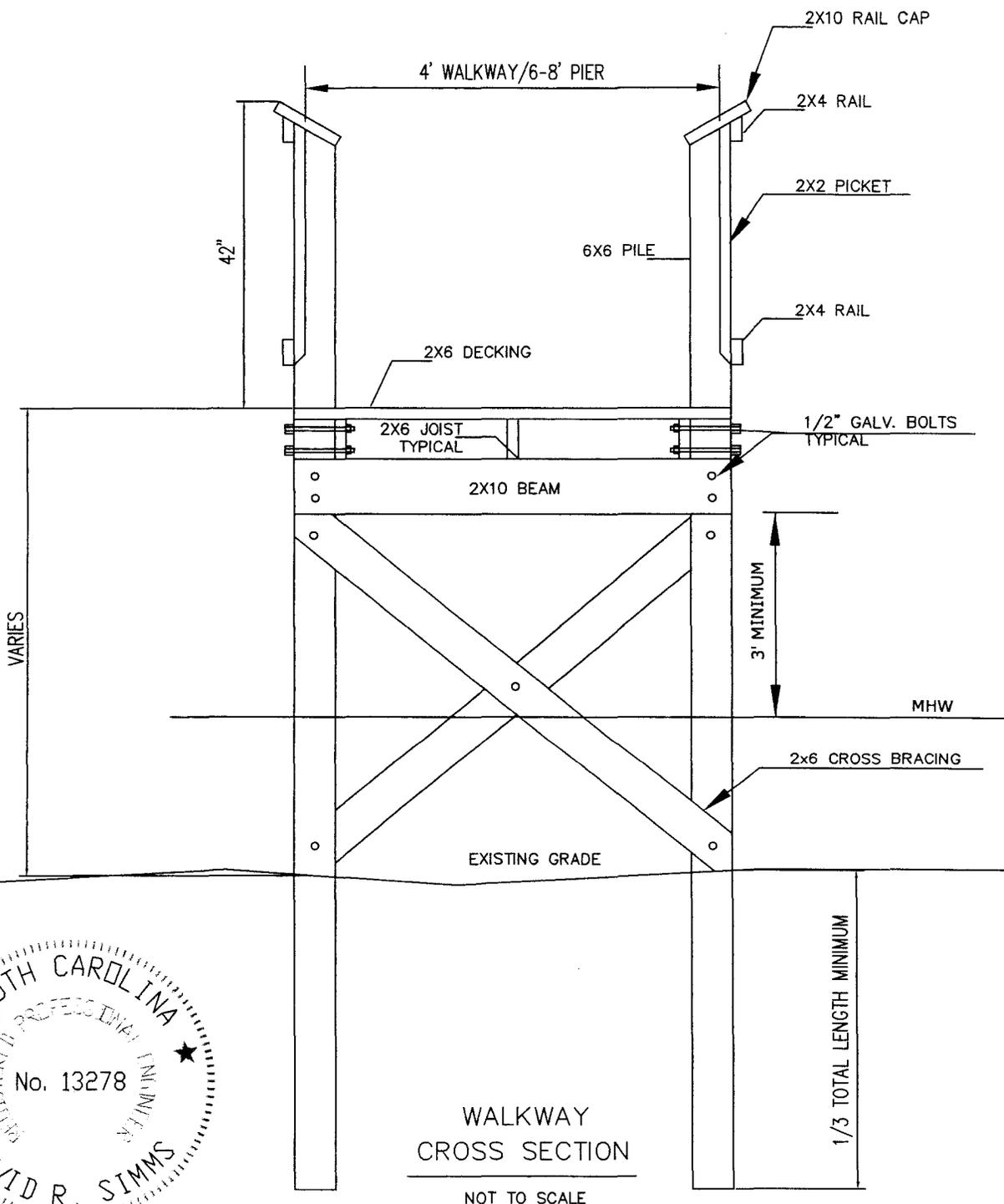
1"=30'

DETAIL SITE PLAN

APPLICANT:  
**FRANCIS J. GRUETER, IV.**  
ACTIVITY: Construct Walkway,  
Pier, Floating Docks, Boat Lifts  
& Dredge  
P/N#

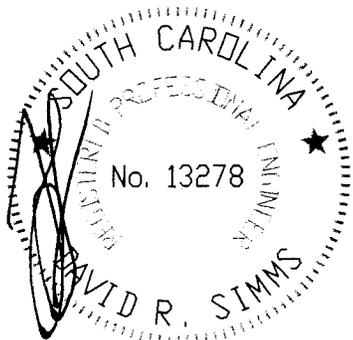
LOCATION: Barefoot Resort  
Intracoastal Waterway  
North Myrtle Beach  
COUNTY: HORRY  
DATE: 11/22/2013

SHEET 3 OF 8



WALKWAY  
CROSS SECTION

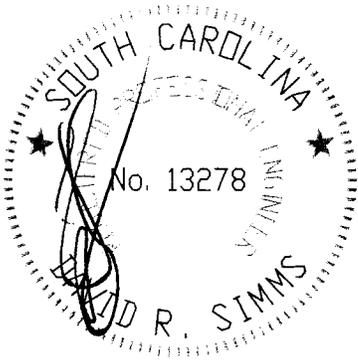
NOT TO SCALE



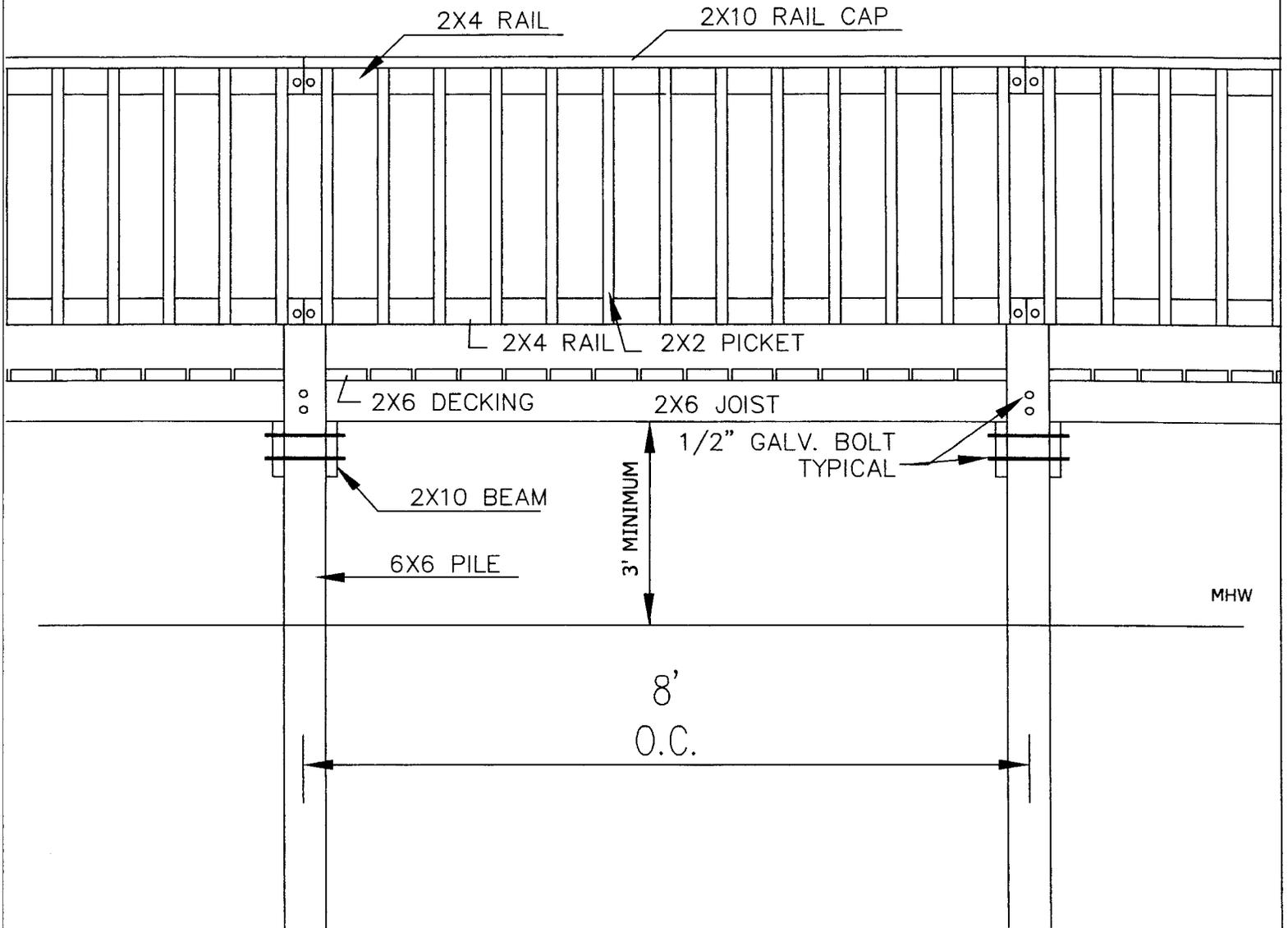
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**FRANCIS J. GRUETER, IV.**  
ACTIVITY: Construct Walkway,  
Pier, Floating Docks, Boat Lifts  
& Dredge  
P/N#

LOCATION: Barefoot Resort  
Intracoastal Waterway  
North Myrtle Beach  
COUNTY: Horry  
DATE: 11/22/2013



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WALKWAY / PIER ELEVATION

NOT TO SCALE

APPLICANT:

**FRANCIS J. GRUETER, IV**

ACTIVITY: Construct Walkway,  
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& Dredge

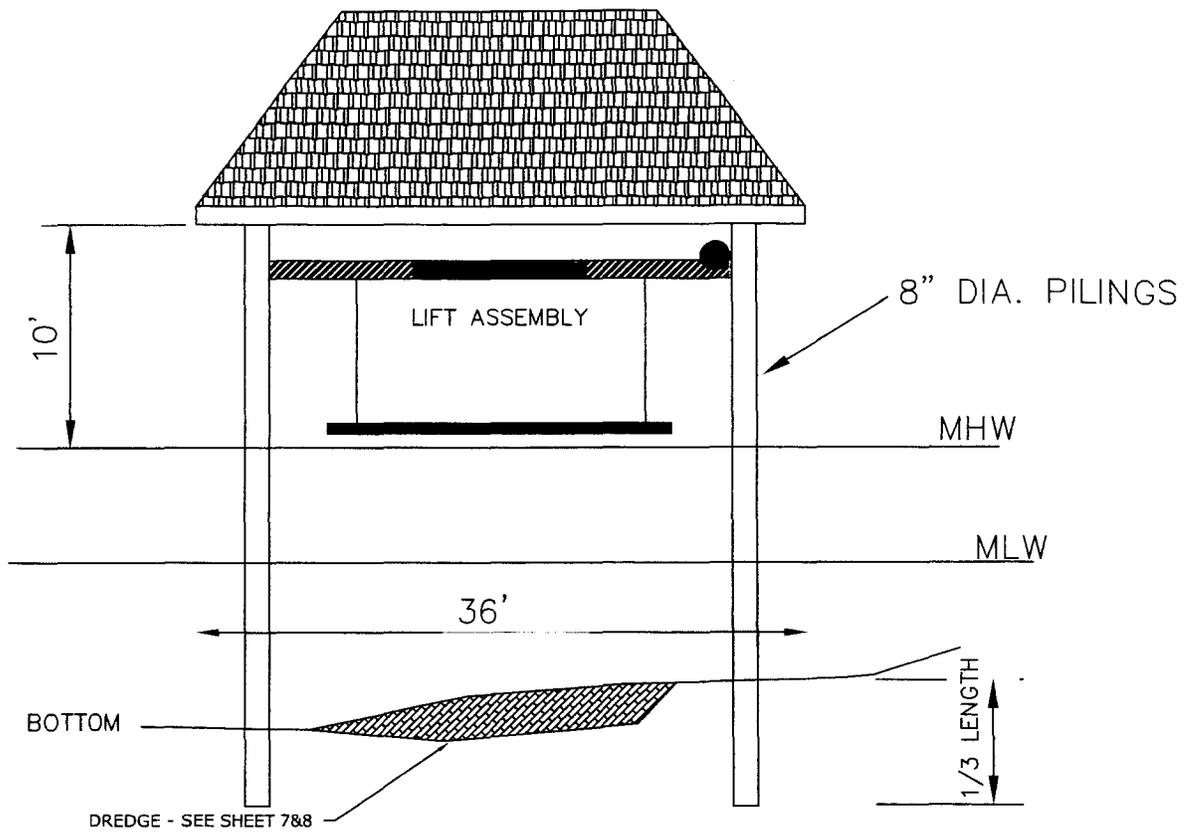
P/N#

LOCATION: Barefoot Resort

Intracoastal Waterway  
North Myrtle Beach

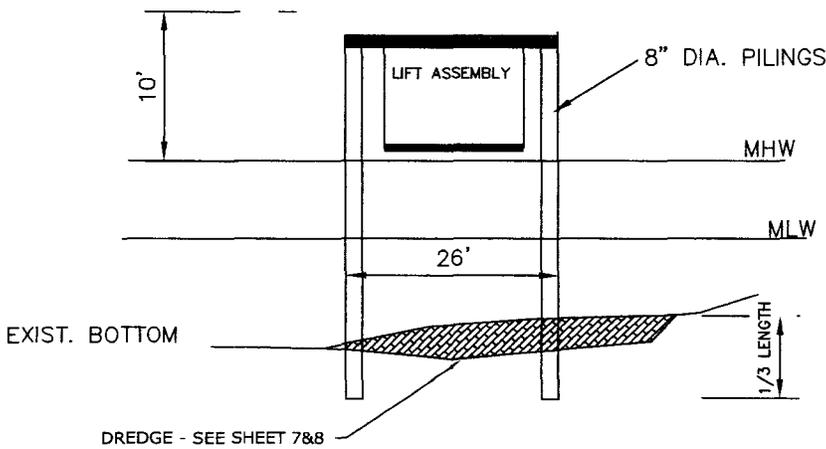
COUNTY: HORRY

DATE: 11/22/2013



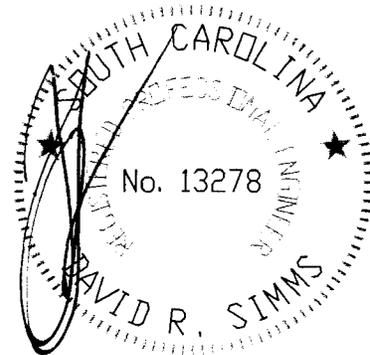
SECTION - COVERED BOAT LIFT

NTS



SECTION - PROPOSED BOAT LIFT

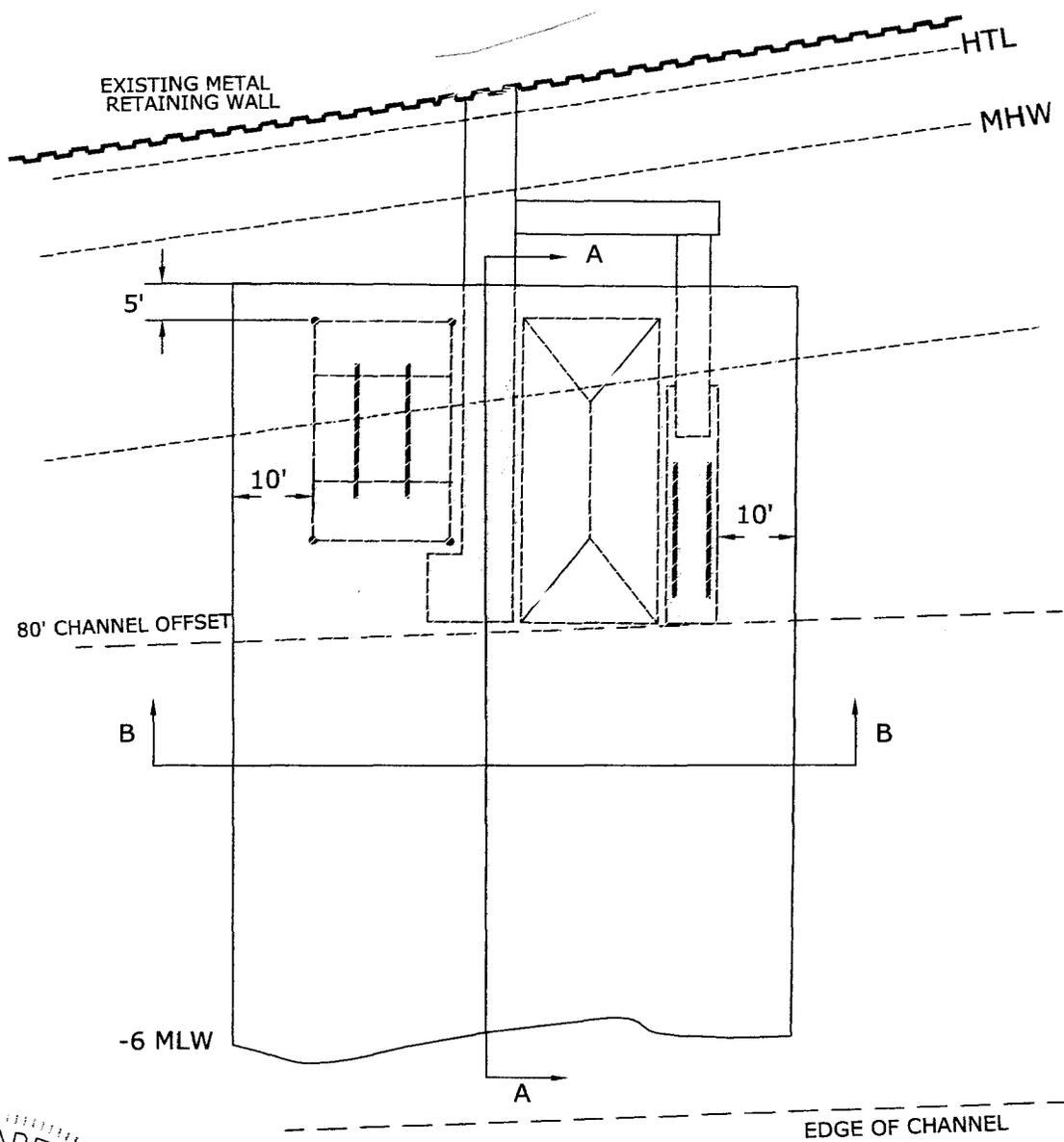
NTS



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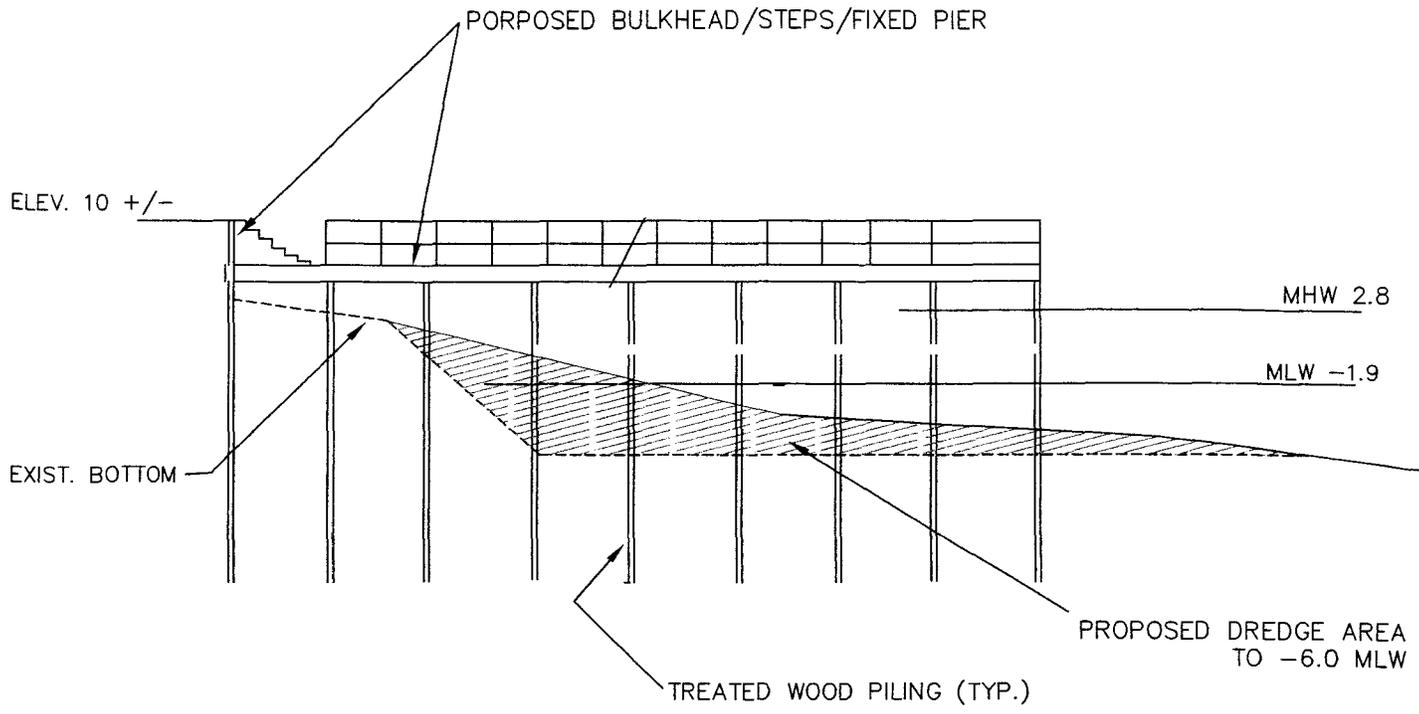
LOCATION: Barefoot Resort  
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DATE: 11/22/2013



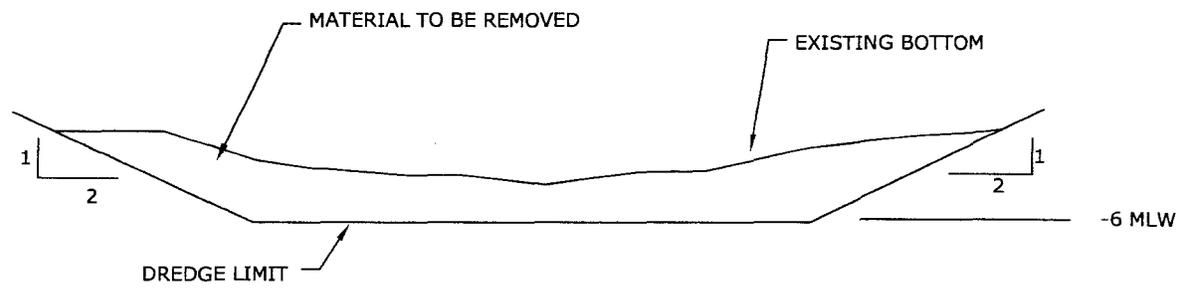
DREDGING SITE PLAN

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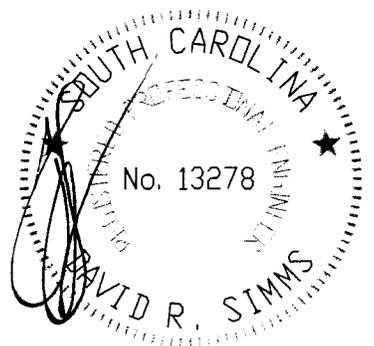
<p>APPLICANT: <b>FRANCIS J. GRUETER, IV.</b> ACTIVITY: Construct Walkway, Pier, Floating Docks, Boat Lifts &amp; Dredge P/N#</p>	<p>LOCATION: Barefoot Resort Intracoastal Waterway North Myrtle Beach COUNTY: Horry DATE: 11/12/2013</p>	<p>SHEET 7 of 8</p>
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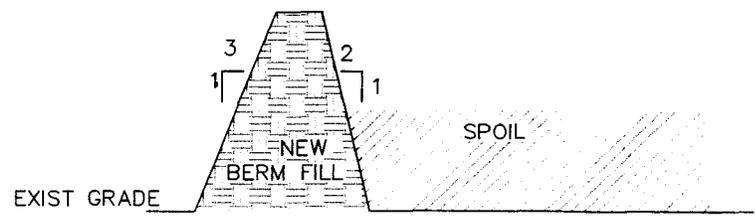
SECTION A-A - DREDGE/FIXED DOCK  
NTS



SECTION B - B  
NTS

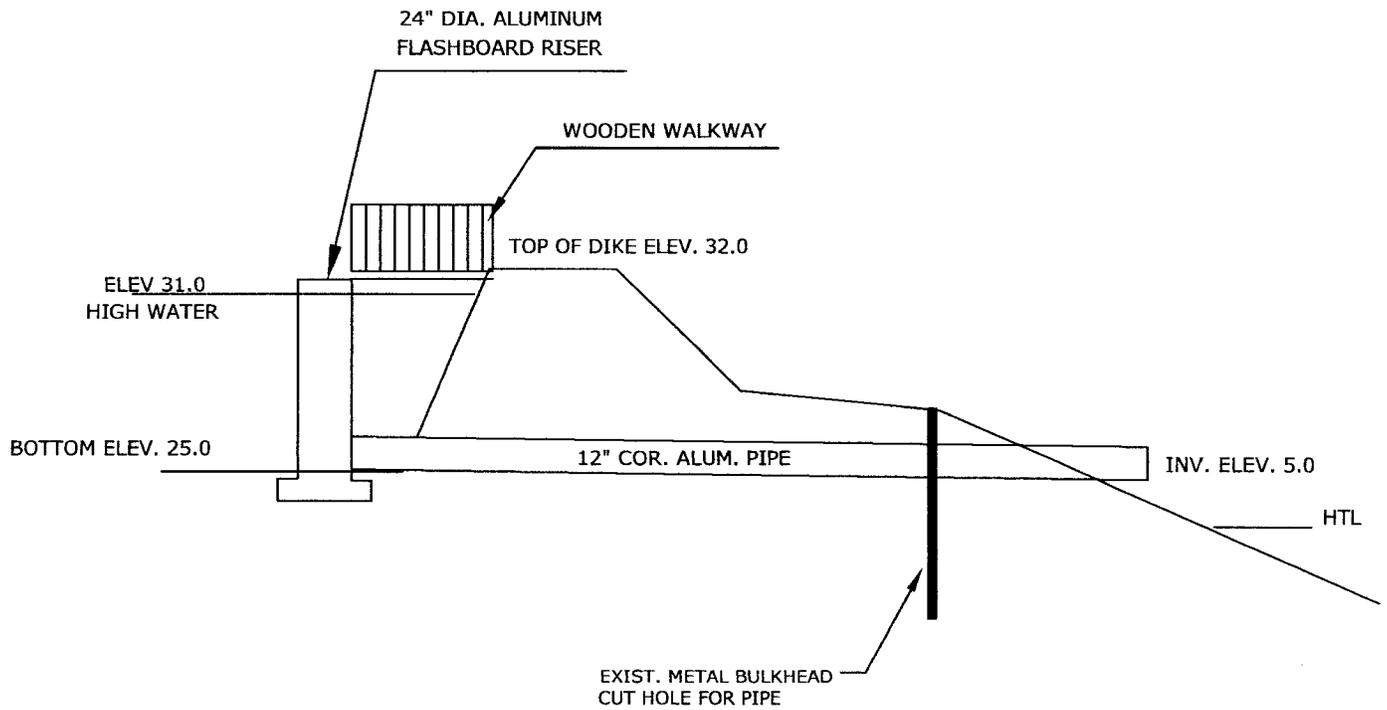


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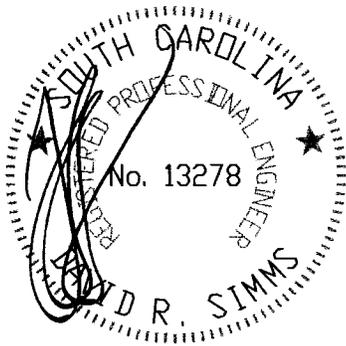
SPOIL BASIN SECTION  
NTS

<p>APPLICANT: <b>FRANCIS J. GRUETER, IV.</b> ACTIVITY: Construct Walkway, Pier, Floating Docks, Boat Lifts &amp; Dredge P/N#</p>	<p>LOCATION: Barefoot Resort Intracoastal Waterway North Myrtle Beach COUNTY: HORRY DATE: 11/12/2013</p>	<p>SHEET 8 of 8</p>
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SECTION / DISCHARGE PIPE PROFILE

NTS

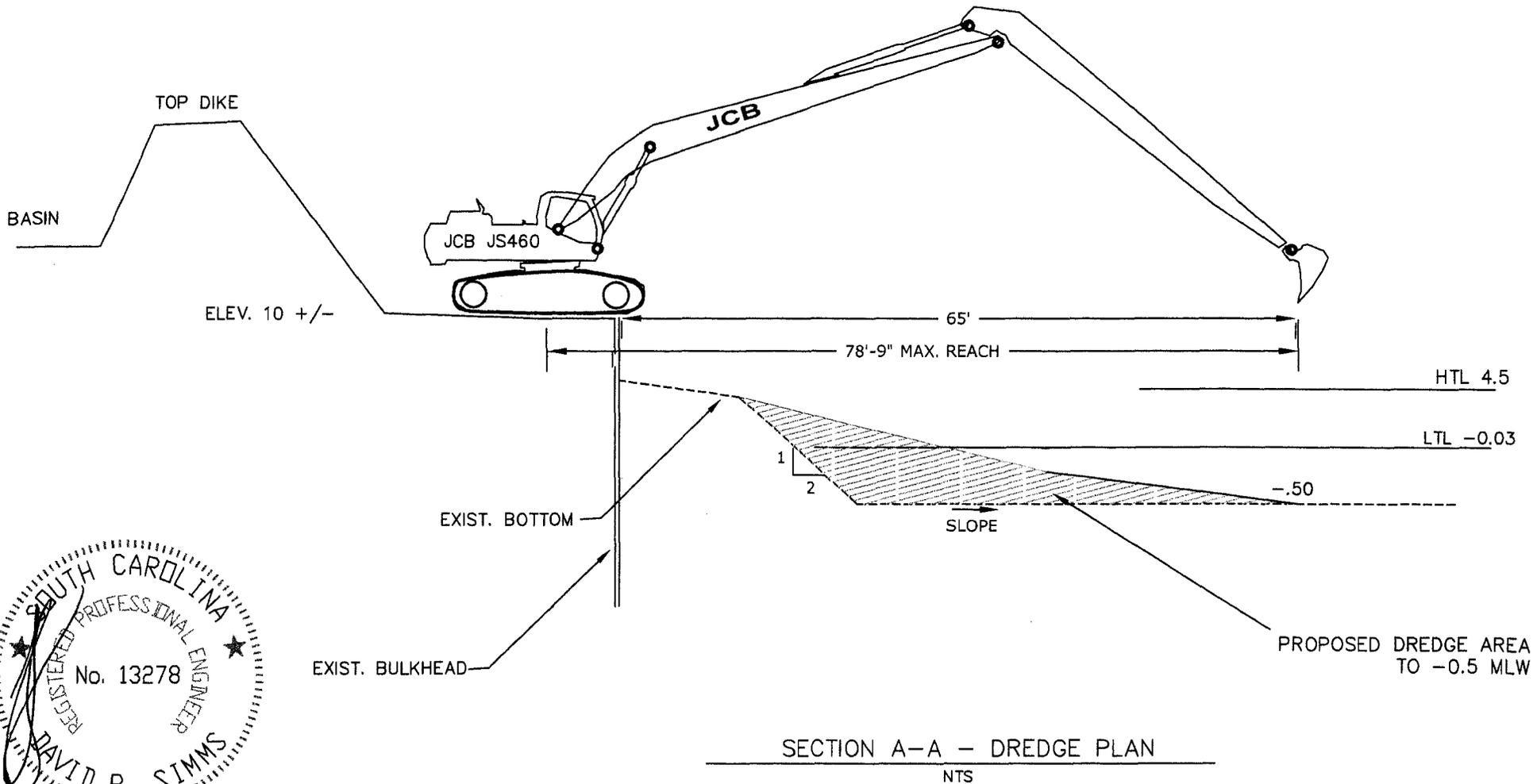


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APPLICANT:  
**FRANCIS J. GRUETER, IV.**  
ACTIVITY: Construct Walkway,  
Pier, Floating Docks, Boat Lifts  
& Dredge  
P/N#

LOCATION: Barefoot Resort  
Intracoastal Waterway  
North Myrtle Beach  
COUNTY: HORRY  
DATE: 11/22/2013

Sheet 8A of 8



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VERTICAL DATUM: NGVD 1929  
HTL = HIGH TIDE LINE  
LTL = LOW TIDE LINE

SECTION A-A - DREDGE PLAN  
NTS

<p>APPLICANT: <b>FRANCIS J. GRUETER, IV.</b> ACTIVITY: Construct Walkway, Pier, Floating Docks, Boat Lifts &amp; Dredge P/N#</p>	<p>LOCATION: Barefoot Resort Intracoastal Waterway North Myrtle Beach COUNTY: HORRY DATE: 11/12/2013</p>	<p>SHEET 8B of 8</p>
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WORKING RANGE

Boom length: 13.6m (44ft 7in)		
Dipper length		10707mm (35ft 1in)
A Maximum reach	mm (ft-in)	24008 (78-9)
B Maximum reach (on ground)	mm (ft-in)	23891 (78-4)
C Minimum reach (on ground)	mm (ft-in)	303 (1-0)
D Maximum depth	mm (ft-in)	18836 (61-9)
E Maximum height	mm (ft-in)	17772 (58-3)
F Maximum dumping height	mm (ft-in)	15408 (50-6)
G Minimum dumping height	mm (ft-in)	2018 (6-7)
H Bucket struck radius	mm (ft-in)	1301 (4-3)
I Minimum swing radius	mm (ft-in)	8261 (27-1)
J Minimum swing radius height	mm (ft-in)	15092 (49-6)
K Maximum ground level span	mm (ft-in)	21753 (71-4)
Bucket rotation		176°
Dipper tearout	kgf (lbf)	8101 (17860)
Bucket tearout	kgf (lbf)	12010 (26477)

WEIGHTS AND GROUND BEARING PRESSURES

Equipped with 13.6m (44'-7") boom, 10.7m (35'-1") dipper, operator and fuel tank.

Shoe Width	Operating Weight	Bearing Pressure
600mm (24in.)	51,408kg (113,335lb)	0.91kg/sq. cm. (12.89lb/sq. in.)
700mm (28in.)	51,408kg (113,335lb)	0.78kg/sq. cm. (11.05lb/sq. in.)
800mm (31.5in.)	51,408kg (113,335lb)	0.68kg/sq. cm. (9.67lb/sq. in.)
900mm (35.5in.)	51,408kg (113,335lb)	0.60kg/sq. cm. (8.59lb/sq. in.)

BUCKETS

Bucket linkage is JS160 size, bucket capacity should be calculated using the machine lift chart.

