

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, SC 29403-5107
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Ocean and Coastal Resource Management
1362 McMillan Avenue, Suite 400
Charleston, South Carolina 29405

REGULATORY DIVISION

Refer to: P/N SAC-2016-01421

November 1, 2016

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

Mr. Ben Brown
Palmetto Dunes Property Owners Association
c/o
Sligh Environmental Consultants, Inc.
Jeffrey Williams
31 Park of Commerce Way, Suite 200B
Savannah, Georgia 31405

for a permit to dredge tidal lagoons associated with the

BROAD CREEK

at Palmetto Dunes at 16 Queen's Folly Road on Hilton Head Island, Beaufort County, South Carolina (Latitude: 32.1747 °N, Longitude: -80.7224 °W), (Hilton Head Quad)

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

NOTICE

is hereby given that written statements regarding the proposed work will be received by the **Corps** until

15 Days from the Date of this Notice,

and **SCDHEC** will receive written statements regarding the proposed work until

30 Days from the Date of this Notice

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of dredging tidal lagoons. In detail, the proposed project involves the dredging of a total of 40.53 acres (30,073 cubic yards of material) from eight (8) locations of the 152.95-acre tidal lagoon system. The dredging will occur from a barge with a submerged hydraulic cutter-head. The dredge material will be pumped into dredge bags contained within roll-off dumpsters at the staging/dewatering locations onsite on the Palmetto Dunes Property and on adjacent property owned by Greenwood Development Corporation. Water from the dredged material will be allowed to run back into the lagoons. Once the dredge material is dewatered, the dredge material and dumpsters will be hauled to and disposed of within an approved landfill.

The purpose of the proposed project is to remove accumulated sediments from the lagoon system to improve water quality within the lagoons, to reestablish circulation/water movement throughout the lagoons, to improve the fish habitat within the lagoons, and to reestablish navigational channels that have become shallow and impassable for the recreational users of the lagoons.

Avoidance and minimization measures will be employed prior to and during all phases of the dredge operation to prevent any secondary impacts by utilizing Best Management Practices (BMPs) such as grassed swales, silt fencing, etc. All BMPs will be regularly inspected and repaired as necessary until final site stabilization is obtained. No Compensatory mitigation is being proposed because no wetlands will be impacted by the proposed work.

Background Information

The Palmetto Dunes Ocean Front Resort is a 2,000-acre residential and resort community which includes the 152.95 acre lagoon system. The lagoon system was originally excavated in the late 1960's /early 1970's (Permit # 69-01-1220). The nearly 1.6 million cubic yards of dredged sand was utilized to re-nourish the 3 mile long beach of Palmetto Dunes which created higher dunes and 4-5 feet higher and 150-foot wider beach front. Two tide gates that outfall into Broad Creek allow the lagoon's water level and water quality to be managed by routine manipulation of the tide gates.

The applicant is requesting a 10-year permit.

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 40.53 acres of estuarine substrates upstream of waters 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 project will have no effect on 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 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)(f)(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.

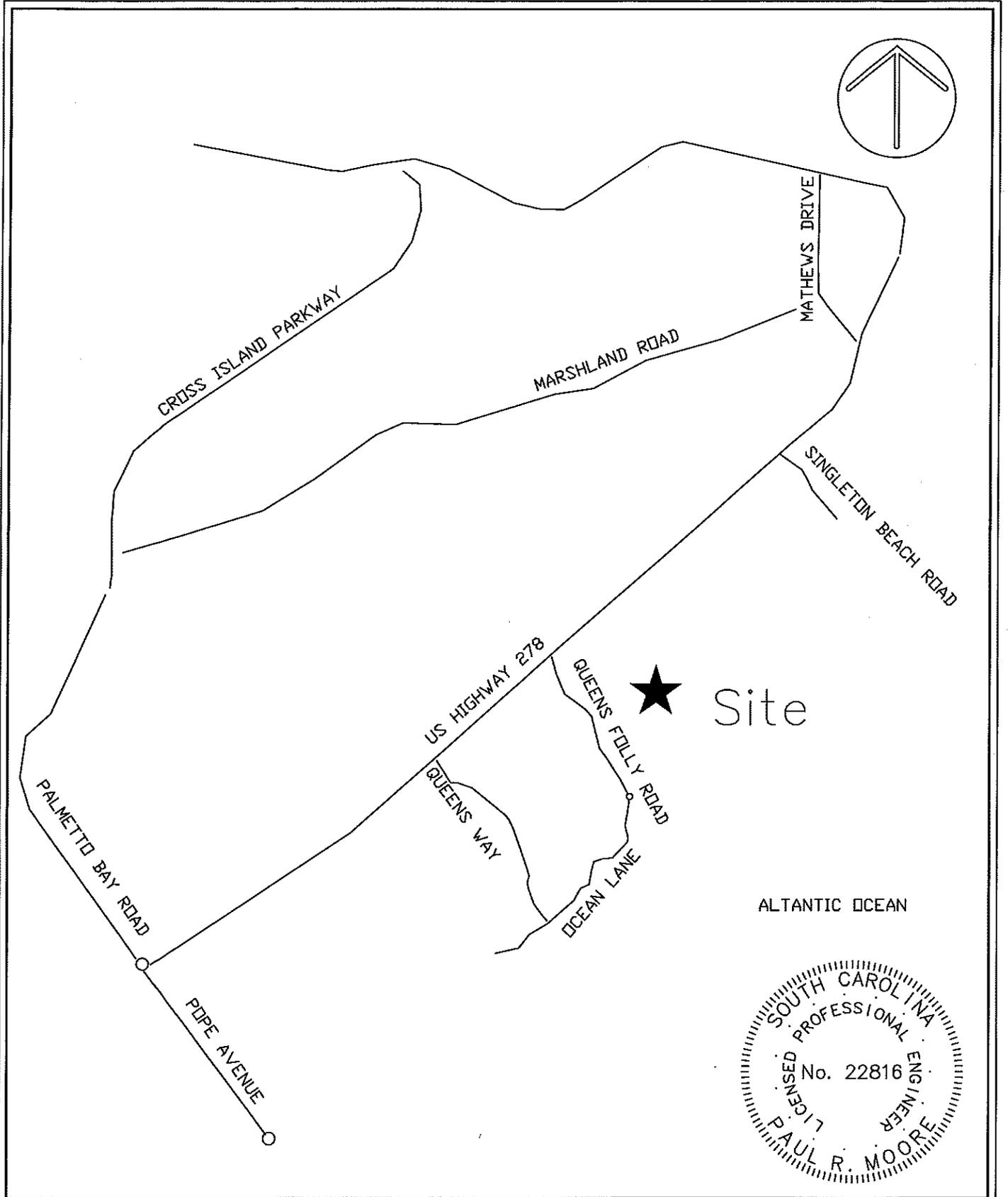
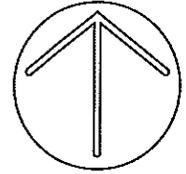
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section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

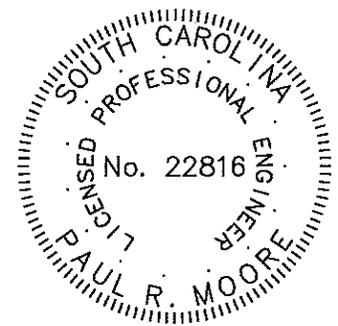
**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, SC 29403-5107**

If there are any questions concerning this public notice, please contact Tracy D. Sanders, Project Manager, at 843-329-8190 or toll free at 1-866-329-8187.



★ Site

ALTANTIC OCEAN



P.O. BOX 381
 BLUFFTON, SC 29910
 PH (843) 837-5250
 FAX (843) 837-2558
 WWW.WARDEDWARDS.COM

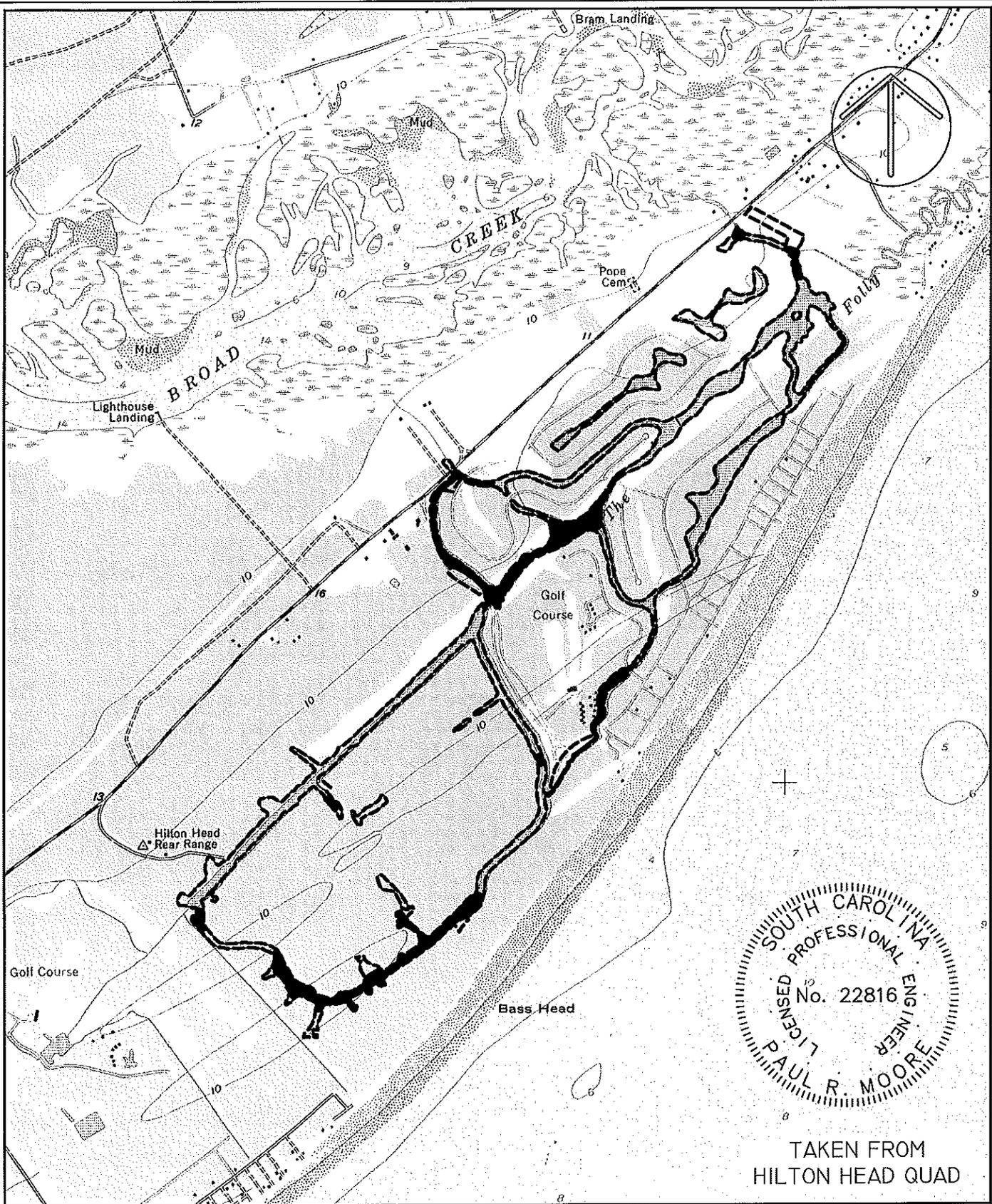
PD DREDGE IMPACT PLANS

VICINITY MAP

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
 SCALE: NONE
 PROJECT #120223F

SHEET 1 OF 13



SOUTH CAROLINA
 PROFESSIONAL ENGINEER
 No. 22816
 LICENSED
 PAUL R. MOORE

TAKEN FROM
 HILTON HEAD QUAD



P.O. BOX 381
 BLUFFTON, SC 29910
 PH (843) 837-5250
 FAX (843) 837-2558
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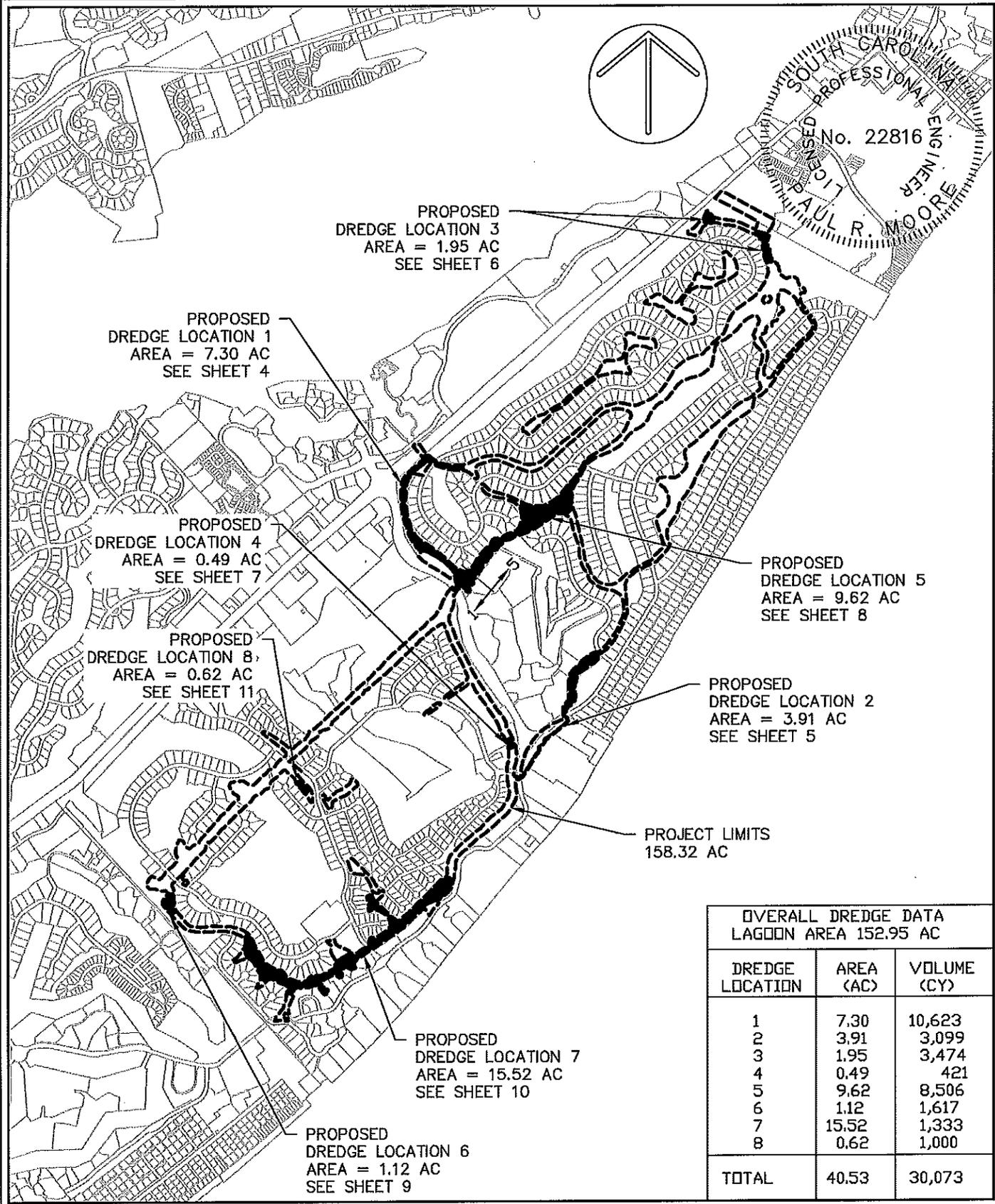
PD DREDGE IMPACT PLANS

USGS MAP

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
 SCALE: 1"=2000'
 PROJECT # 120223F

SHEET 2 OF 13



PROPOSED
DREDGE LOCATION 3
AREA = 1.95 AC
SEE SHEET 6

PROPOSED
DREDGE LOCATION 1
AREA = 7.30 AC
SEE SHEET 4

PROPOSED
DREDGE LOCATION 4
AREA = 0.49 AC
SEE SHEET 7

PROPOSED
DREDGE LOCATION 8
AREA = 0.62 AC
SEE SHEET 11

PROPOSED
DREDGE LOCATION 5
AREA = 9.62 AC
SEE SHEET 8

PROPOSED
DREDGE LOCATION 2
AREA = 3.91 AC
SEE SHEET 5

PROJECT LIMITS
158.32 AC

PROPOSED
DREDGE LOCATION 7
AREA = 15.52 AC
SEE SHEET 10

PROPOSED
DREDGE LOCATION 6
AREA = 1.12 AC
SEE SHEET 9

OVERALL DREDGE DATA LAGOON AREA 152.95 AC		
DREDGE LOCATION	AREA (AC)	VOLUME (CY)
1	7.30	10,623
2	3.91	3,099
3	1.95	3,474
4	0.49	421
5	9.62	8,506
6	1.12	1,617
7	15.52	1,333
8	0.62	1,000
TOTAL	40.53	30,073



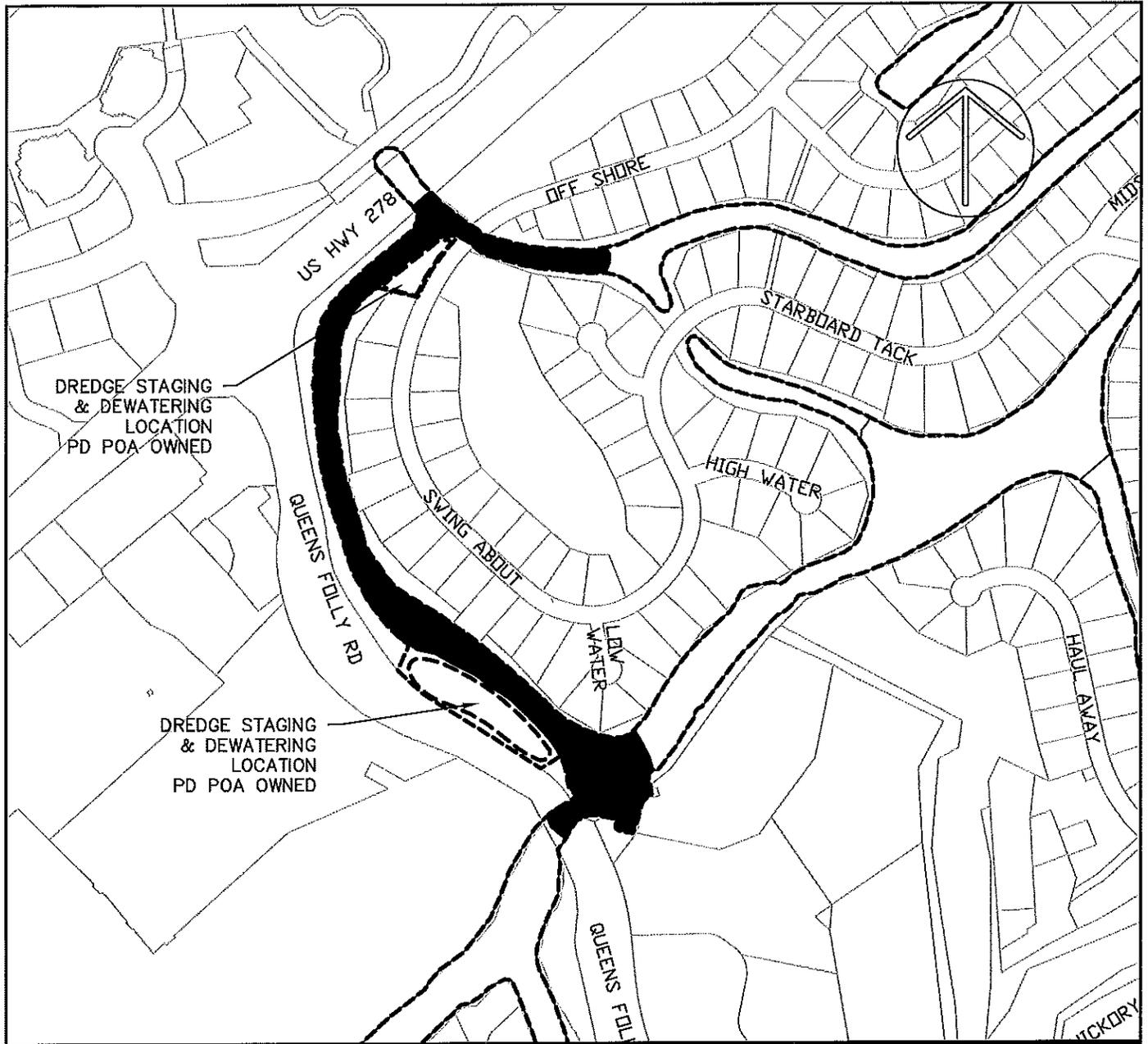
P.O. BOX 381
BLUFFTON, SC 29910
PH (843) 837-5250
FAX (843) 837-2558
WWW.WARDEDWARDS.COM

PD DREDGE IMPACT PLANS
OVERALL SITE

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
SCALE: 1"=2000'
PROJECT # 120223F

SHEET 3 OF 13



DREDGE LOCATION 1
 AREA = 7.30 AC
 6 FT DEEP (NO SHELF)
 10,623 CY CUT



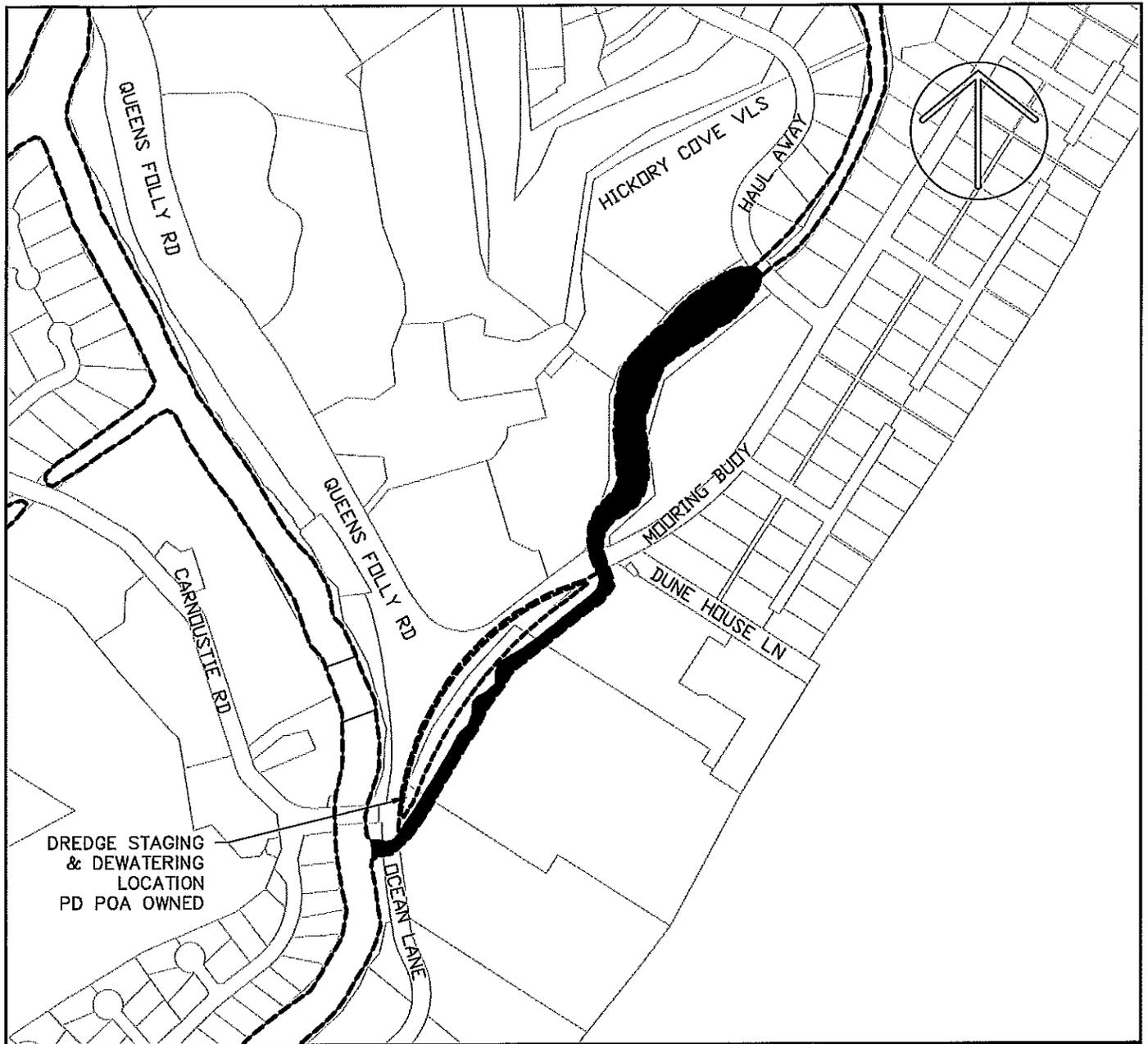
P.O. BOX 381
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PD DREDGE IMPACT PLANS
DREDGE IMPACTS

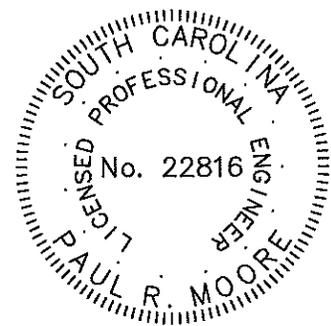
TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
 SCALE: 1"=500'
 PROJECT #120223F

SHEET 4 OF 13



DREDGE LOCATION 2
 AREA = 3.91 AC
 4 FT DEEP (NO SHELF)
 3,099 CY CUT



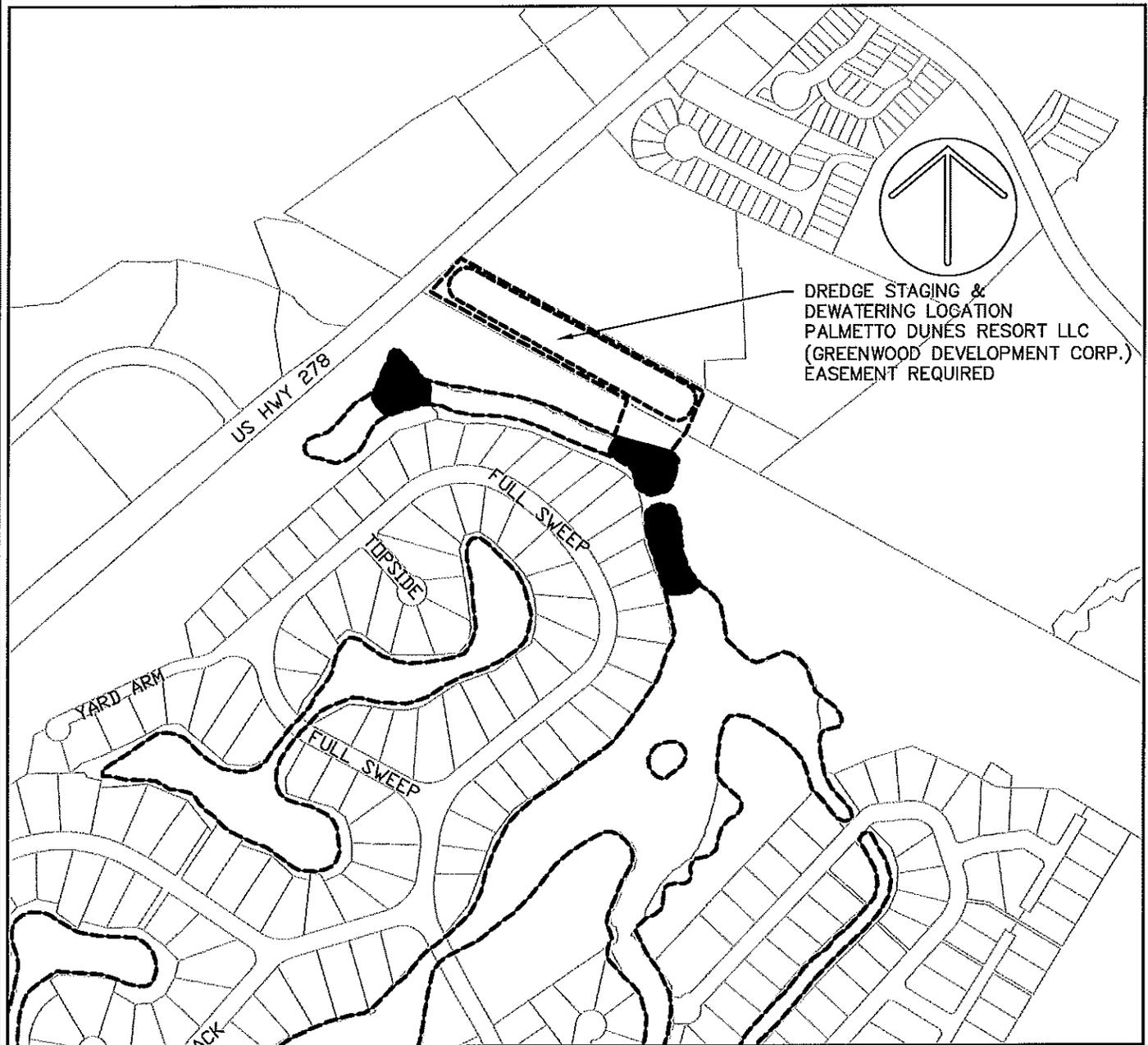
P.O. BOX 381
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 FAX (843) 837-2558
 WWW.WARDEDWARDS.COM

PD DREDGE IMPACT PLANS
DREDGE IMPACTS

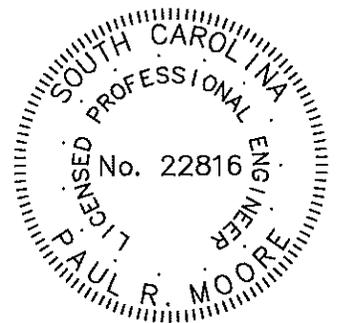
TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
 SCALE: 1"=500'
 PROJECT # I20223F

SHEET 5 OF 13



DREDGE LOCATION 3
 AREA = 1.95 AC
 6 FT DEEP (NO SHELF)
 3,474 CY CUT



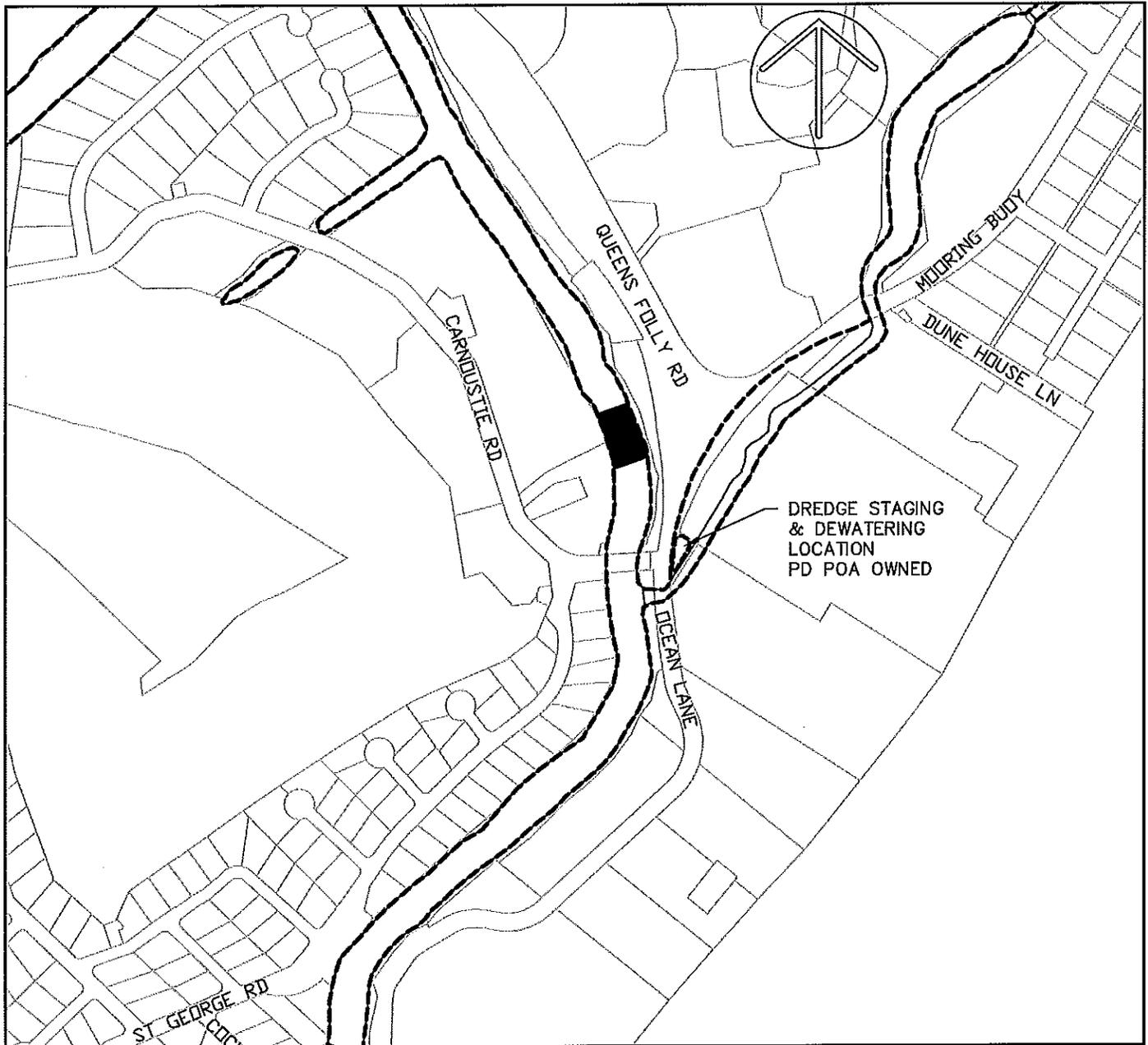
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PD DREDGE IMPACT PLANS
DREDGE IMPACTS

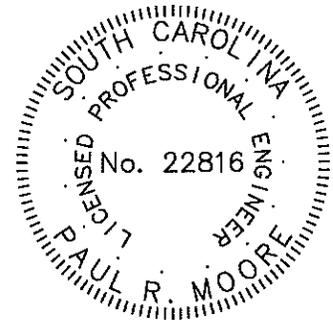
TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
 SCALE: 1"=500'
 PROJECT # 120223F

SHEET 6 OF 13



DREDGE LOCATION 4
 AREA = 0.49 AC
 6 FT DEEP (WITH 10' SHELF)
 421 CY CUT



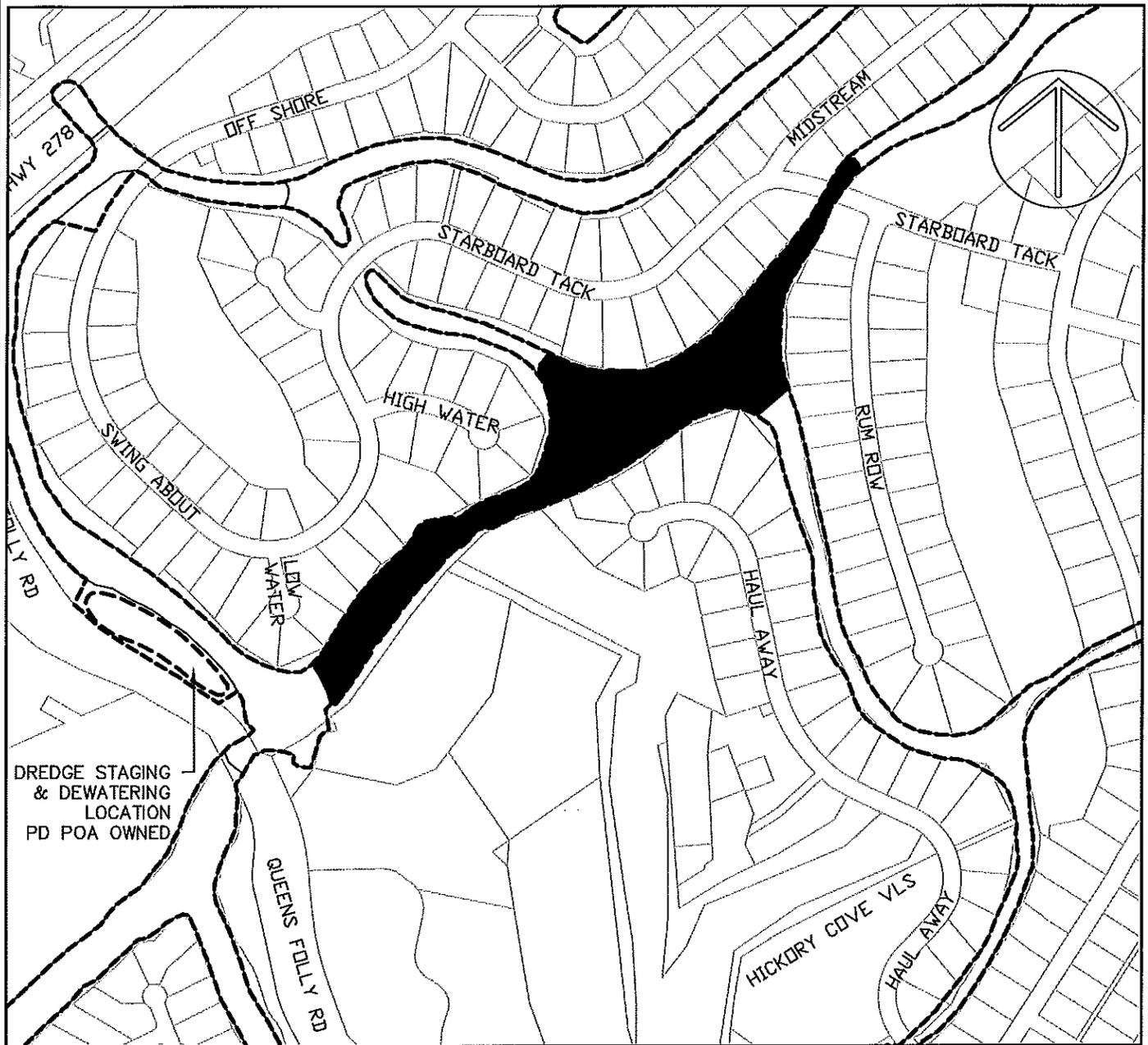
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PD DREDGE IMPACT PLANS
DREDGE IMPACTS

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

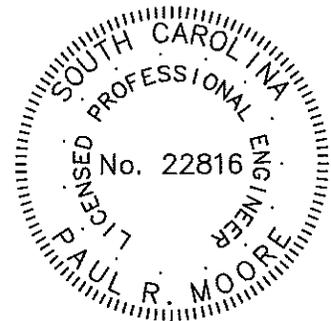
DATE: 10-04-16
 SCALE: 1"=500'
 PROJECT # 120223F

SHEET 7 OF 13



DREDGE STAGING
& DEWATERING
LOCATION
PD POA OWNED

DREDGE LOCATION 5
 AREA = 9.62 AC
 6 FT DEEP (WITH 10' SHELF)
 8,506 CY CUT



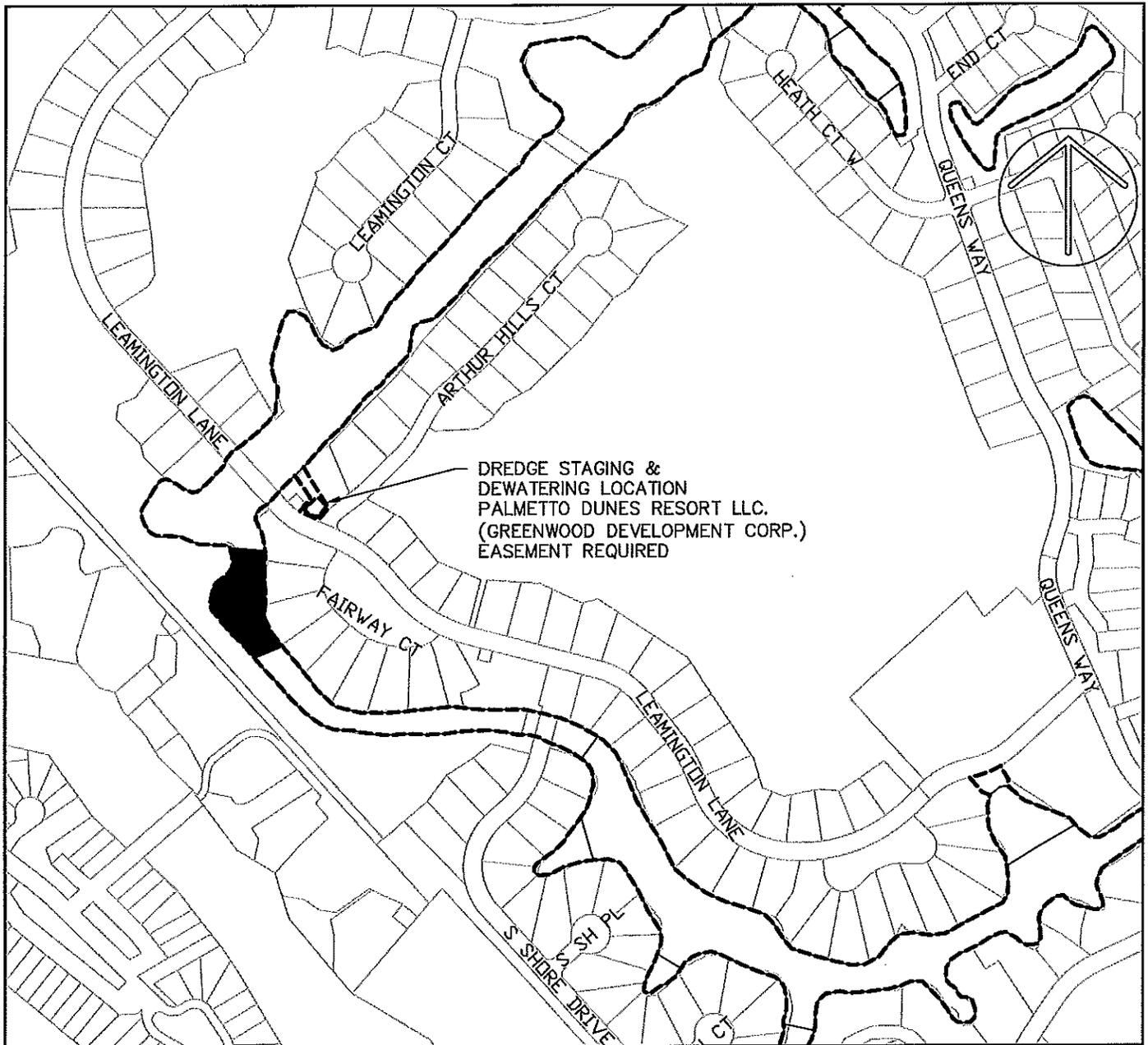
P.O. BOX 381
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PD DREDGE IMPACT PLANS
DREDGE IMPACTS

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

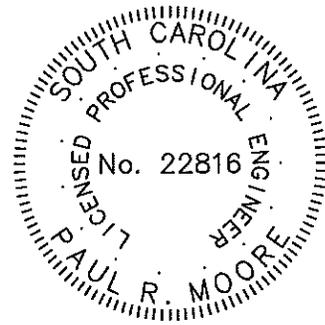
DATE: 10-04-16
 SCALE: 1"=500'
 PROJECT # 120223F

SHEET 8 OF 13



DREDGE STAGING &
DEWATERING LOCATION
PALMETTO DUNES RESORT LLC.
(GREENWOOD DEVELOPMENT CORP.)
EASEMENT REQUIRED

DREDGE LOCATION 6
AREA = 1.12 AC
6 FT DEEP (WITH 10' SHELF)
1,617 CY CUT



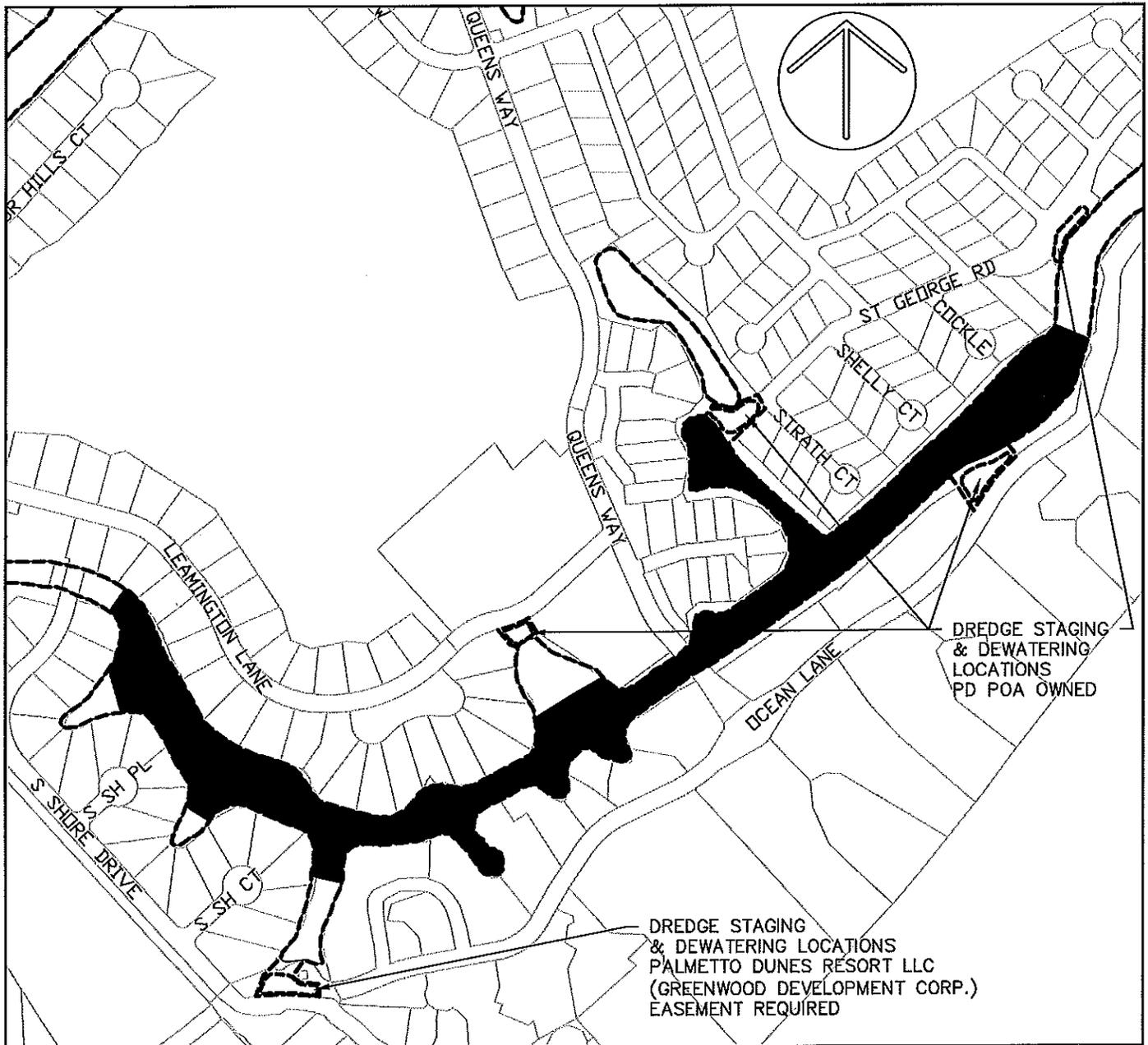
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PD DREDGE IMPACT PLANS
DREDGE IMPACTS

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
SCALE: 1"=500'
PROJECT # 120223F

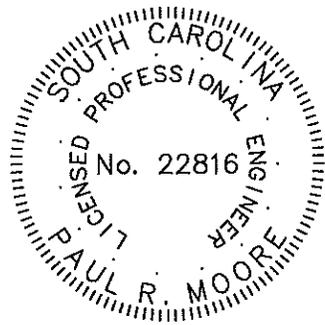
SHEET 9 OF 13



DREDGE STAGING & DEWATERING LOCATIONS PD POA OWNED

DREDGE STAGING & DEWATERING LOCATIONS PALMETTO DUNES RESORT LLC (GREENWOOD DEVELOPMENT CORP.) EASEMENT REQUIRED

DREDGE LOCATION 7
 AREA = 15.52 AC
 4 FT DEEP (WITH 10' SHELF)
 1,333 CY CUT



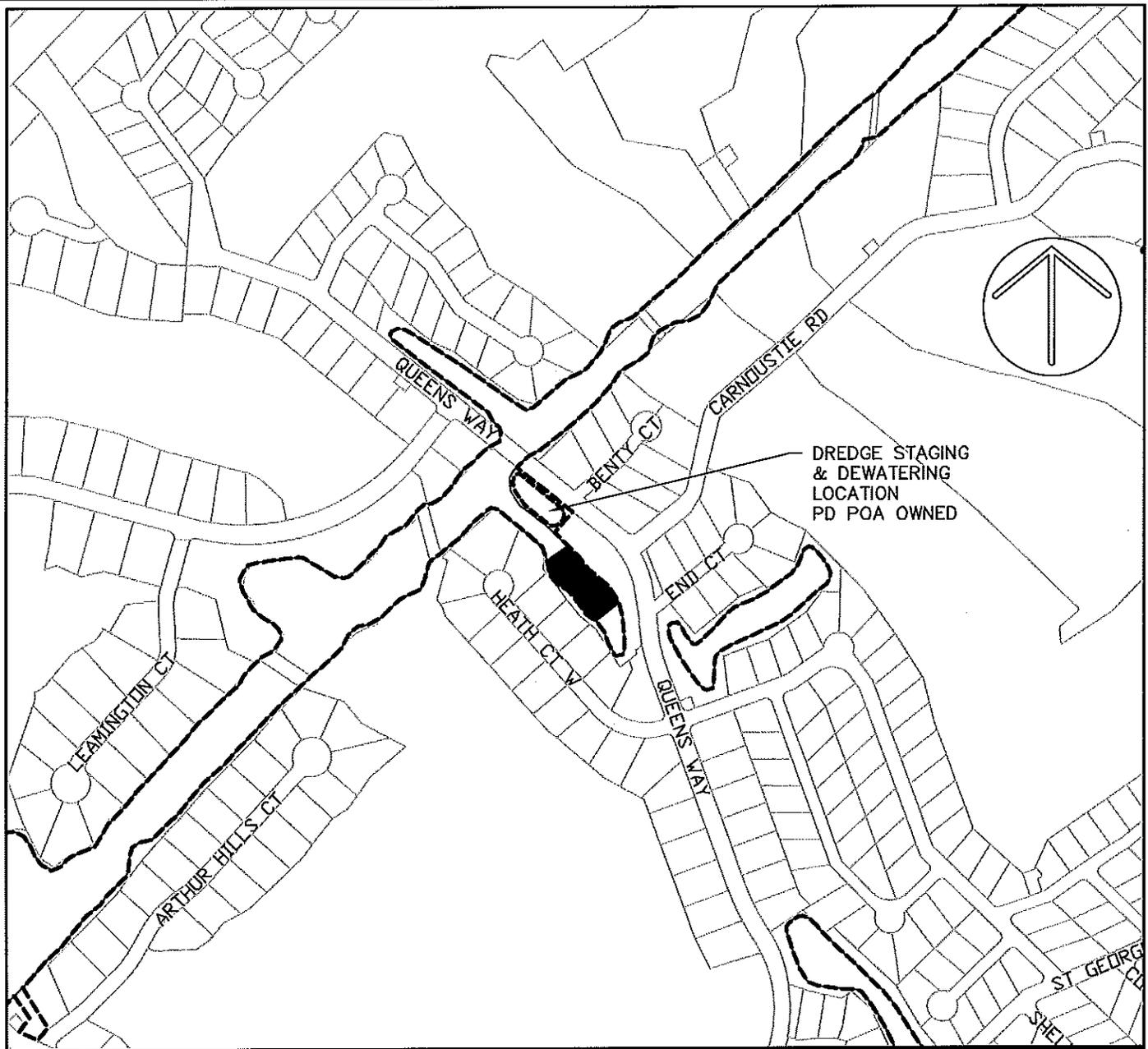
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PD DREDGE IMPACT PLANS
DREDGE IMPACTS

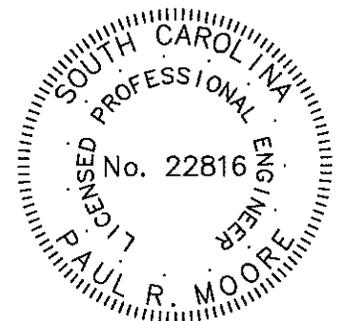
TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
 SCALE: 1"=500'
 PROJECT # 120223F

SHEET 10 OF 13



DREDGE LOCATION 8
 AREA = 0.62 AC
 6FT DEEP (WITH 10' SHELF)
 1,000 CY CUT



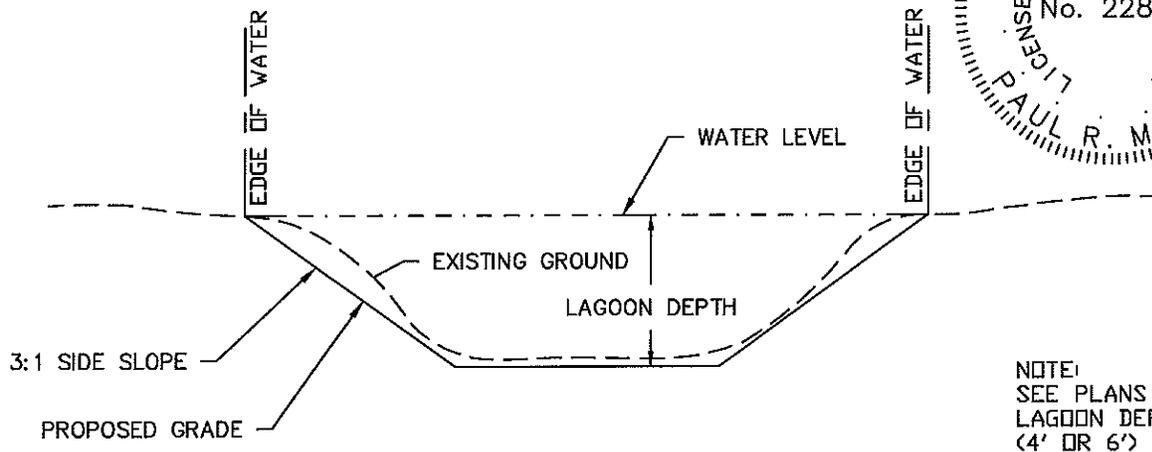
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PD DREDGE IMPACT PLANS
DREDGE IMPACTS

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
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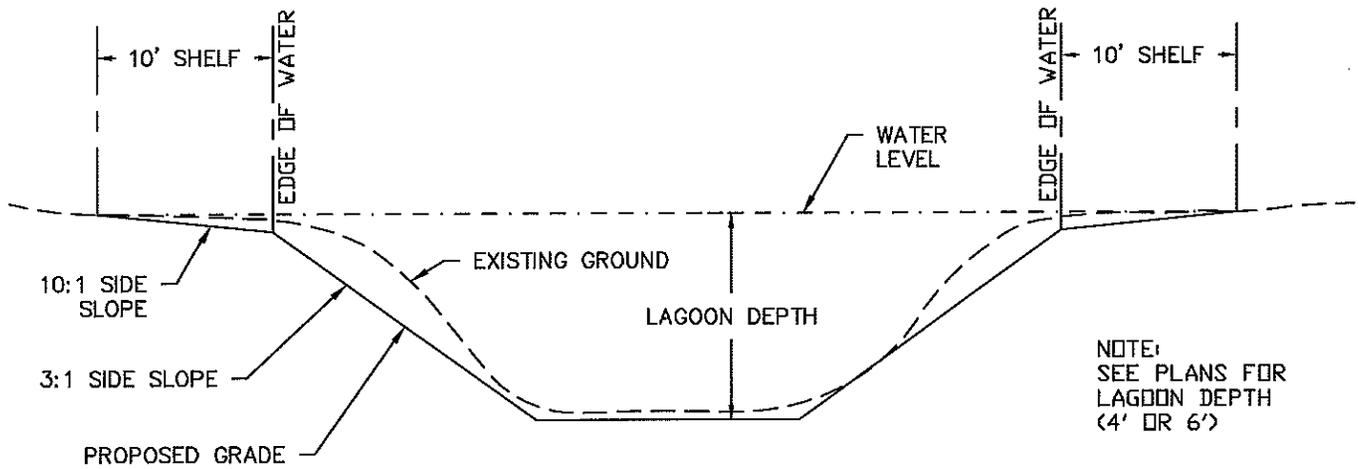
SHEET II OF 13



NOTE:
SEE PLANS FOR
LAGOON DEPTH
(4' OR 6')

TYPICAL LAGOON EXCAVATION WITHOUT SHELF

NOT TO SCALE



NOTE:
SEE PLANS FOR
LAGOON DEPTH
(4' OR 6')

TYPICAL LAGOON EXCAVATION WITH SHELF

NOT TO SCALE



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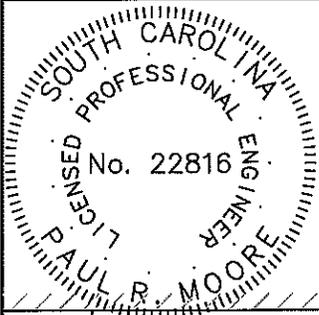
PD DREDGE IMPACT PLANS

TYPICAL SECTIONS

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
SCALE: NONE
PROJECT # 120223F

SHEET 12 OF 13



SLOPE DRAIN PER SCDHEC STANDARD DETAILS, NUMBER & SIZE BASED ON NUMBER OF CONTAINERS

LAGOON

DOUBLE ROW SILT FENCE ALONG LAGOON EDGE

SILT FENCE AT TOP OF BANK

EDGE OF WATER

PROPERTY LINE (VARIES)

EARTHEN/GRAVEL BERM

LIMITS OF DISTURBANCE

GRAVEL PAD MIN. 20'x30' PER CONTAINER

TYPICAL GROUND SLOPE

ROLL OFF CONTAINER WITH DEWATERING BAG (40 CY), USE MULTIPLE CONTAINERS IF ROOM ALLOWS

TREE PROTECTION PER TOWN OF HILTON HEAD ISLAND STANDARDS

TREE

CONSTRUCTION EXIT PER SCDHEC STANDARD DETAILS

EXISTING ROAD



P.O. BOX 381
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PH (843) 837-5250
FAX (843) 837-2558
WWW.WARDEDWARDS.COM

PD DREDGE IMPACT PLANS
TYPICAL DEWATERING
SITE DETAIL

TOWN OF HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: 10-04-16
SCALE: NONE
PROJECT # 120223F

SHEET 13 OF 13