

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
**69A Hagood Avenue**  
**Charleston, South Carolina 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-2015-01327-1T

10 February 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

**COMMUNITY SERVICES ASSOCIATES, INC**  
**DAVID HENDERSON**  
**C/O RESOURCE AND LAND CONSULTANTS**  
**ALTON BROWN**  
**41 PARK OF COMMERCE WAY, SUITE 303**  
**SAVANNAH, GEORGIA 31405**

To excavate sediment from a tidal lagoon system of the

**ATLANTIC OCEAN**

at the Sea Pines Resort and Sea Pines Ocean Course located at 32 Greenwood Drive, Hilton Head Island, Beaufort County, South Carolina. (32.128136 Latitude/ -80.788563 Longitude) (Tybee Island North and Bluffton Quads)

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.

**Please note that a separate permit, SAC-2008-00262-1T, was issued to the Sea Pines Resort, LLC, for work in tidal lagoons to facilitate the redesign and upgrade/enhancement of the Sea Pines Ocean Course golf course. The proposed project discussed in this public notice will occur in the same tidal lagoons at the Sea Pines Golf Course/Sea Pines Plantation, but the proposed project is not related to permit SAC-2008-00262-1T. The previously authorized work under permit SAC-2008-00262-1T is referenced in the proposed project drawings.**

The proposed work consists of the maintenance excavation of tidal lagoons. In detail, the proposed consists of the excavation of 11,000 cubic yards of material from 10.47 acres of tidal lagoons. A floating dredge will be used to excavate sediment and the sediment will be pumped to designated dewatering stations within the upland areas adjacent to the lagoons. One dewatering station will be established for each lagoon and the excavated sediment will be pumped into geotubes. Water from the excavated sediment will be allowed to drain back into the tidal lagoons from the geotubes. Once the water has drained back into the tidal lagoons, the excavated material/geotubes will be hauled offsite and disposed of at a suitable upland disposal site.

The storm water system within Sea Pines Plantation was constructed in the 1960's and 1970's during original development of the community. Due to the age of the stormwater management facilities and sediment accumulation that has occurred over time, maintenance excavation of these facilities is required. The purpose of the proposed project is to restore the original design capacity of the stormwater management facilities. The size or depth of the stormwater lagoons will not increase beyond what was originally constructed.

No fill material will be placed in the tidal lagoons and no impacts to vegetated wetlands will occur with the proposed project. The applicant is not proposing compensatory mitigation because no wetland impacts will occur.

**NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> . For those unable to access the website, a copy of this notice and the associated plans will be provided, upon receipt of a written request. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided. Your request should be addressed to the**

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

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 10.47 acres of estuarine substrates located within tidal lagoons that may be 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). Please note that during coordination of the permit SAC-2008-00262-1T, the Corps made a determination that the Sea Pines Golf Course was not eligible for listing on the National Register of Historic Places and that the project will have no effect on a historic property. SHPO concurred with this determination.

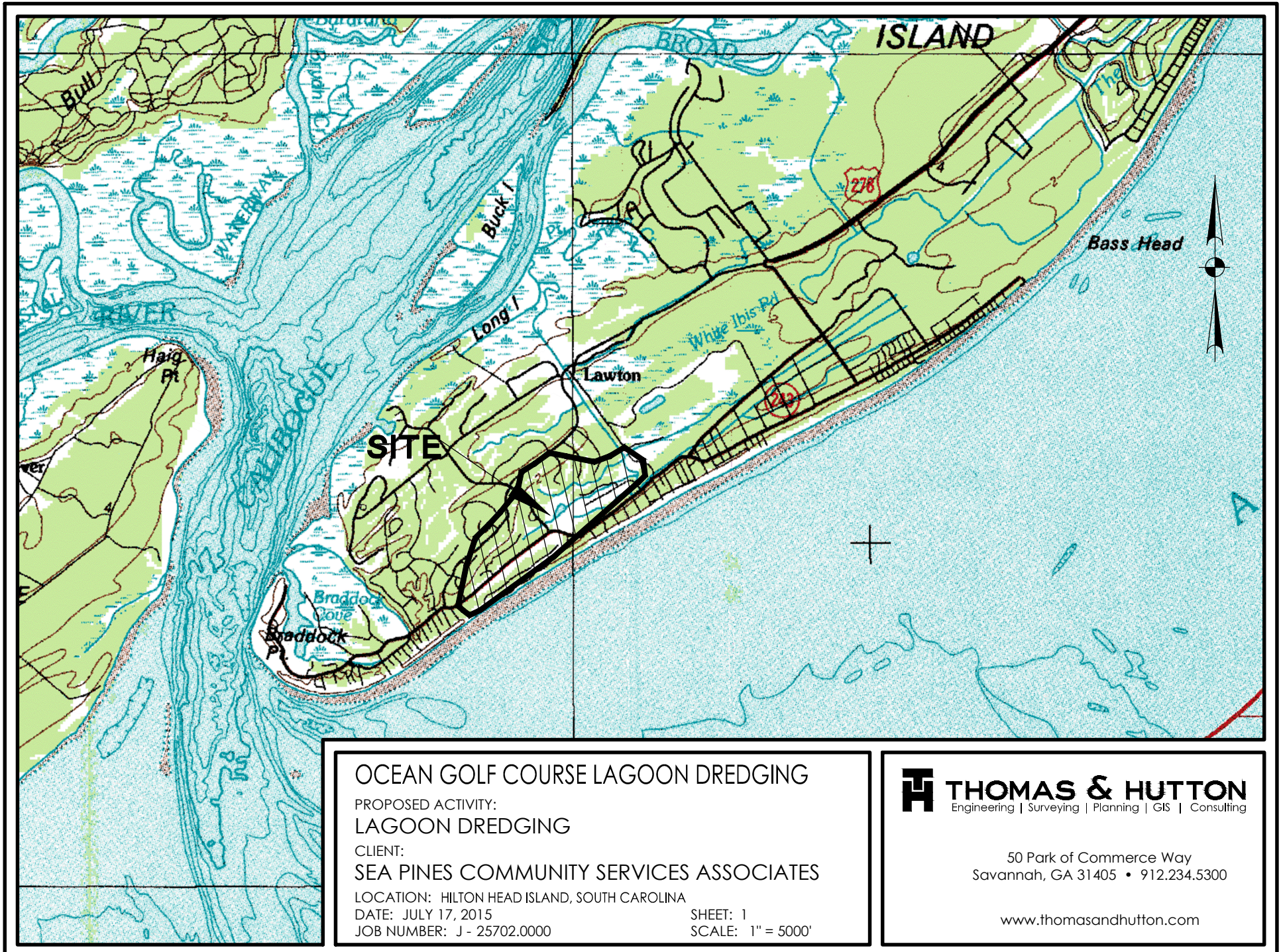
The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified 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 103 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.

If there are any questions concerning this public notice, please contact **Tracy Sanders** at 843-329-8044 or toll free at 1-866-329-8187.



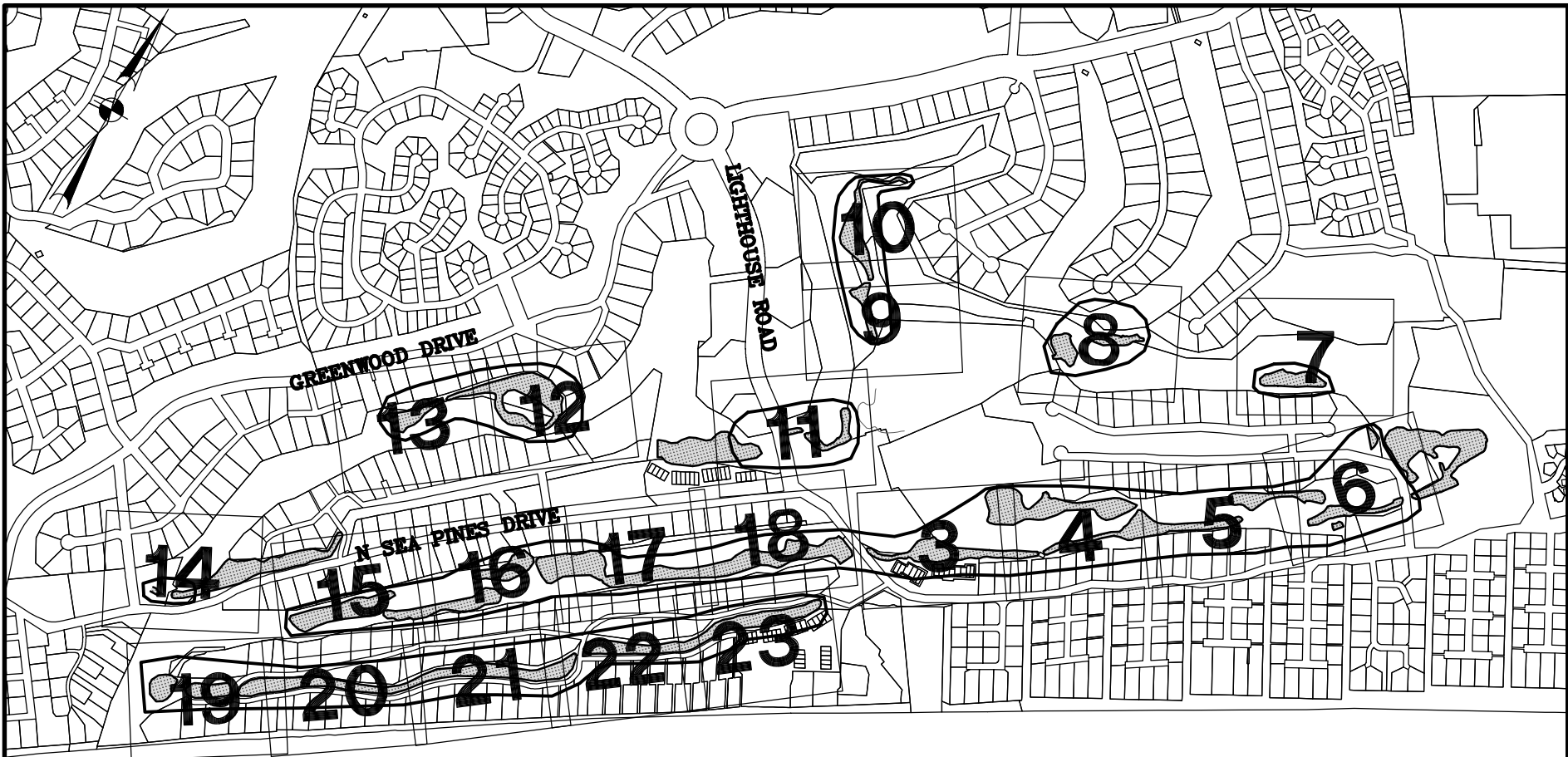
**OCEAN GOLF COURSE LAGOON DREDGING**  
 PROPOSED ACTIVITY:  
**LAGOON DREDGING**  
 CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**  
 LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015  
 JOB NUMBER: J - 25702.0000

SHEET: 1  
 SCALE: 1" = 5000'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



ATLANTIC OCEAN

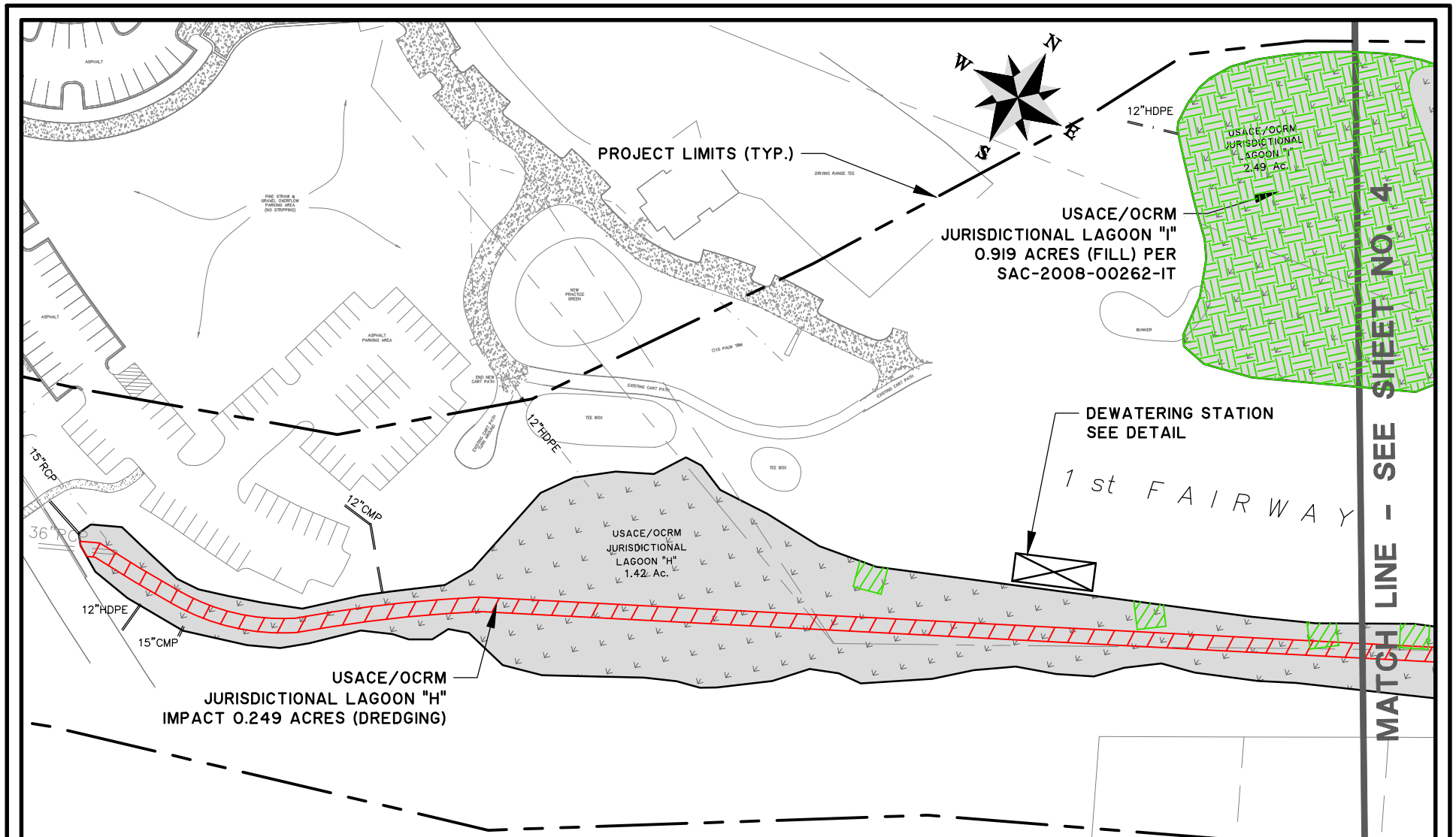
**OCEAN GOLF COURSE LAGOON DREDGING**  
 PROPOSED ACTIVITY:  
 LAGOON DREDGING  
 CLIENT:  
 SEA PINES COMMUNITY SERVICES ASSOCIATES  
 LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015  
 JOB NUMBER: J - 25702.0000

SHEET: 2  
 SCALE: 1" = 1000'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

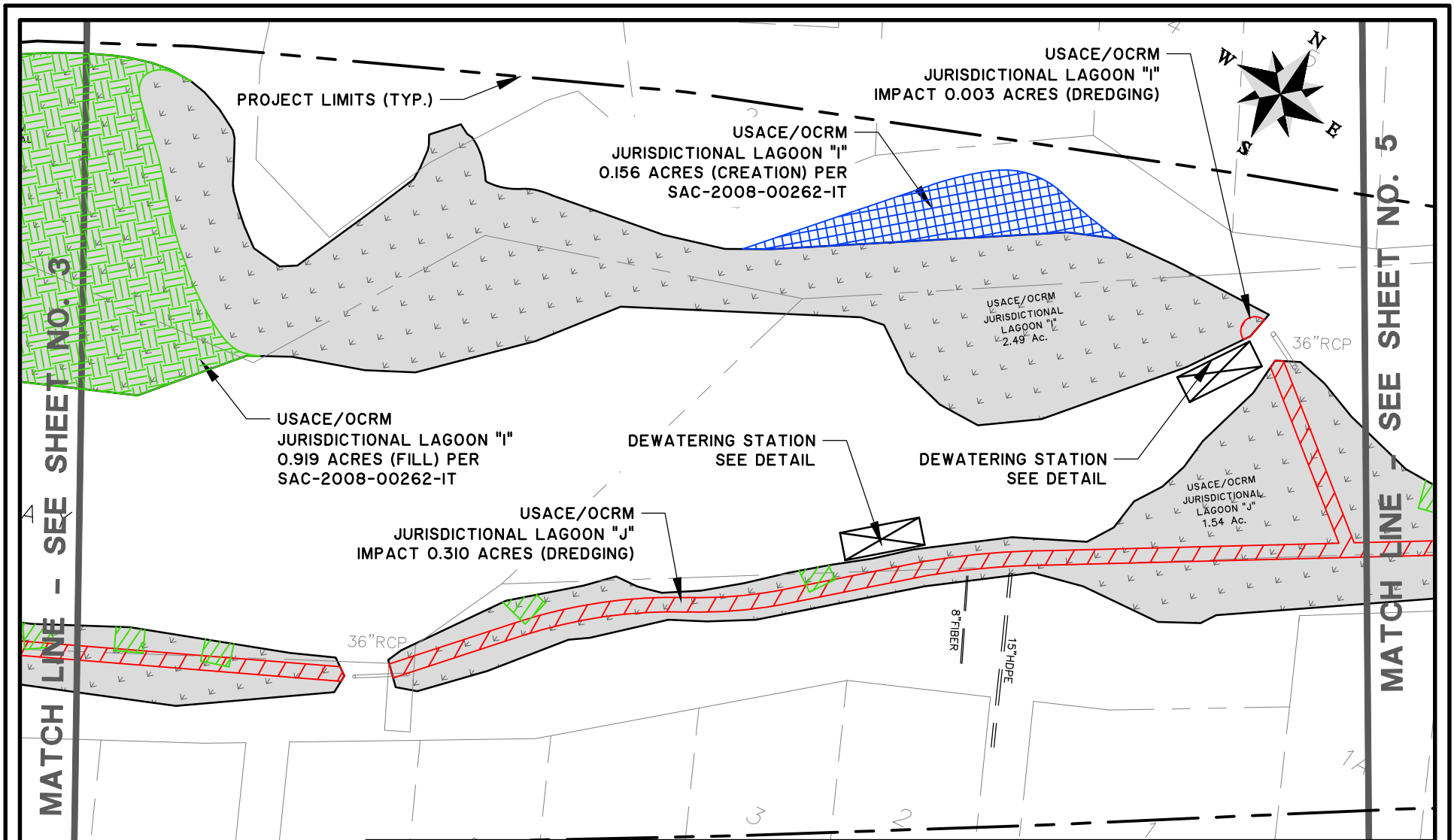
50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



**OCEAN GOLF COURSE LAGOON DREDGING**  
 PROJECT ACTIVITY:  
**LAGOON DREDGING**  
 CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**  
 LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 3  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting  
 50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300  
 www.thomasandhutton.com



**OCEAN GOLF COURSE LAGOON DREDGING**

LAGOON DREDGING

CLIENT:  
SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 4

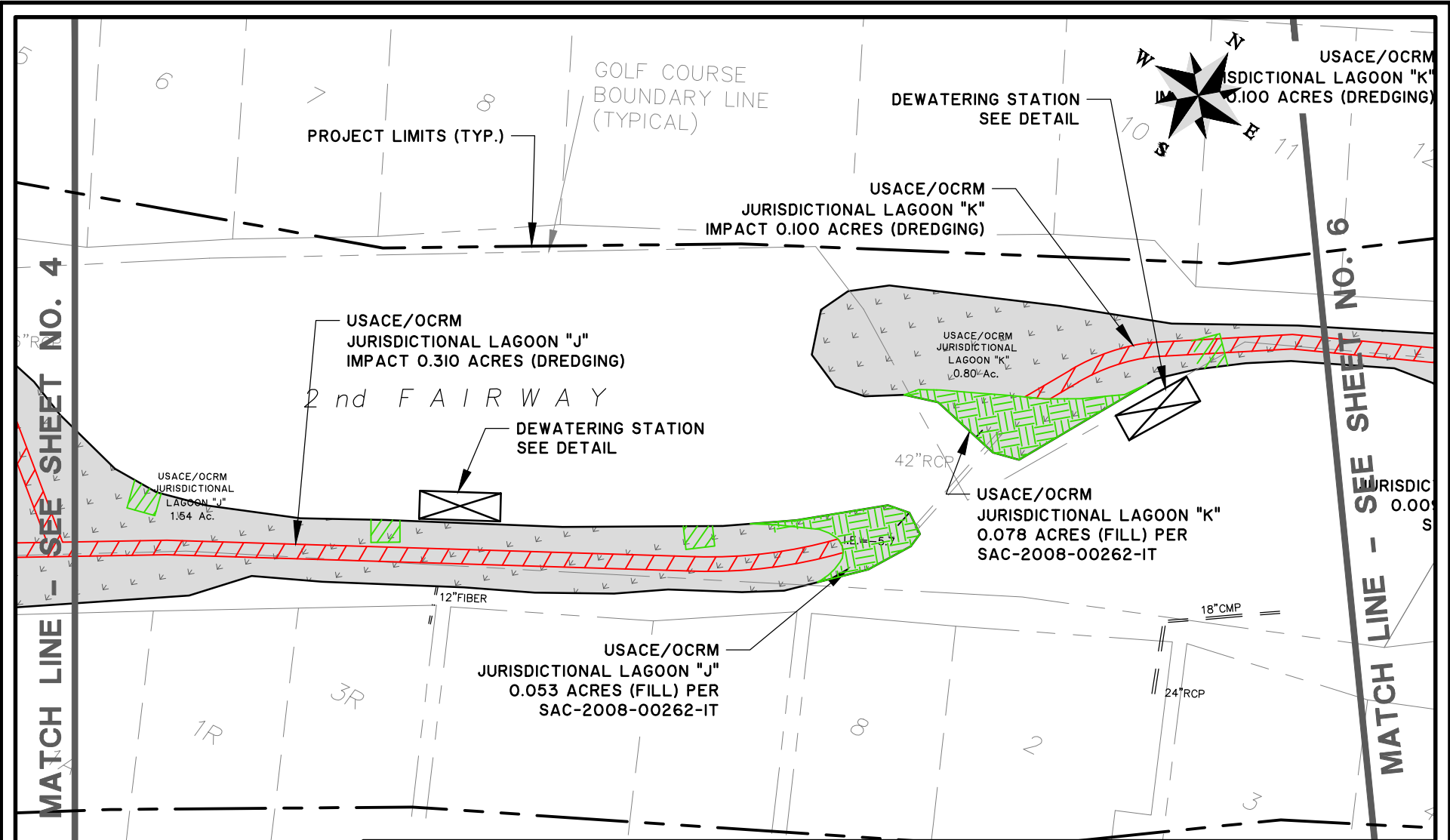
JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)





**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

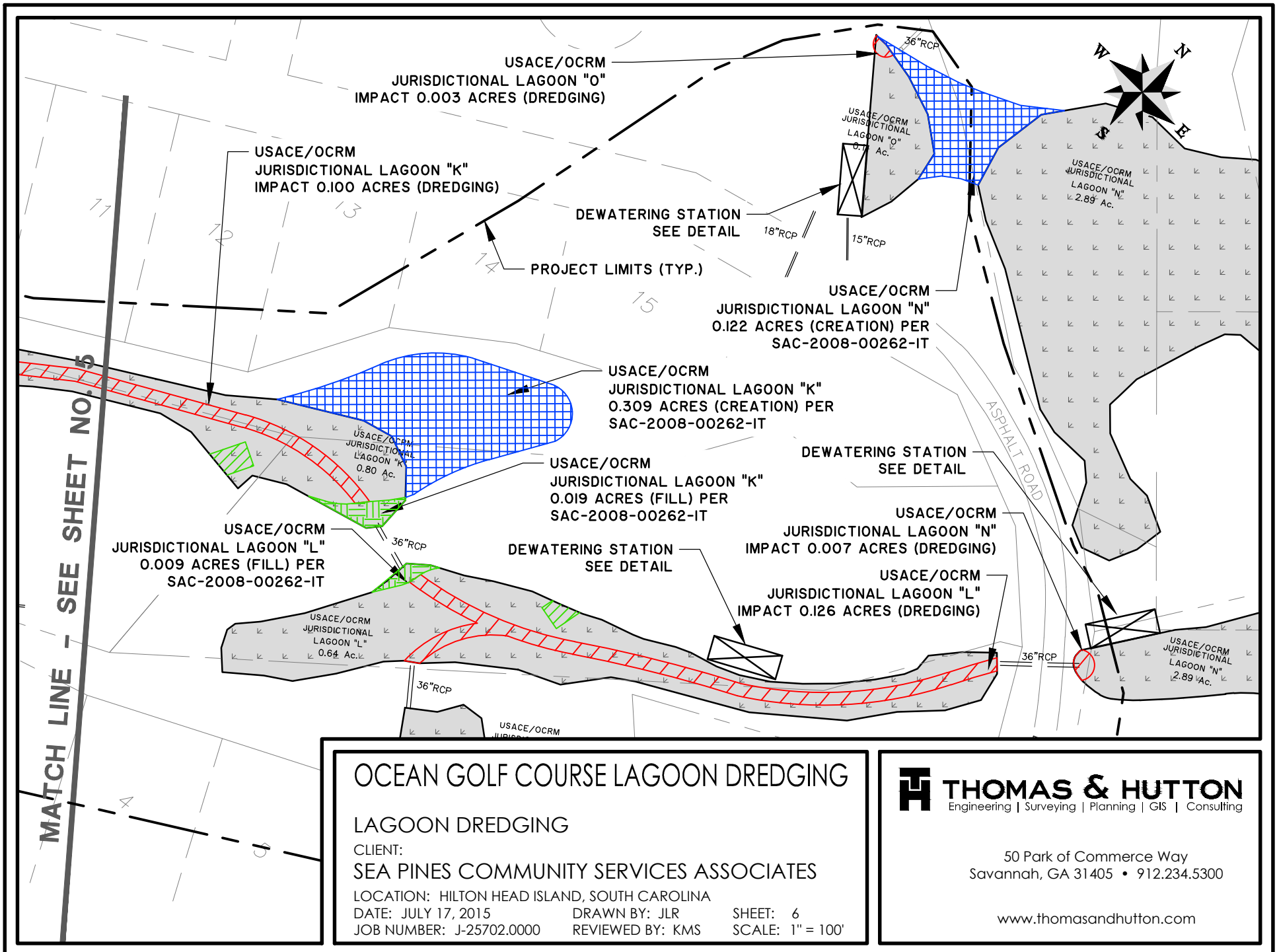
CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 5  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



USACE/OCRM  
JURISDICTIONAL LAGOON "O"  
IMPACT 0.003 ACRES (DREDGING)

USACE/OCRM  
JURISDICTIONAL LAGOON "K"  
IMPACT 0.100 ACRES (DREDGING)

DEWATERING STATION  
SEE DETAIL

PROJECT LIMITS (TYP.)

USACE/OCRM  
JURISDICTIONAL  
LAGOON "O"  
0.7 Ac.

USACE/OCRM  
JURISDICTIONAL  
LAGOON "N"  
2.88 Ac.

USACE/OCRM  
JURISDICTIONAL LAGOON "N"  
0.122 ACRES (CREATION) PER  
SAC-2008-00262-IT

USACE/OCRM  
JURISDICTIONAL LAGOON "K"  
0.309 ACRES (CREATION) PER  
SAC-2008-00262-IT

USACE/OCRM  
JURISDICTIONAL LAGOON "K"  
0.019 ACRES (FILL) PER  
SAC-2008-00262-IT

DEWATERING STATION  
SEE DETAIL

USACE/OCRM  
JURISDICTIONAL LAGOON "L"  
0.009 ACRES (FILL) PER  
SAC-2008-00262-IT

USACE/OCRM  
JURISDICTIONAL  
LAGOON "K"  
0.80 Ac.

DEWATERING STATION  
SEE DETAIL

USACE/OCRM  
JURISDICTIONAL LAGOON "N"  
IMPACT 0.007 ACRES (DREDGING)

USACE/OCRM  
JURISDICTIONAL LAGOON "L"  
IMPACT 0.126 ACRES (DREDGING)

USACE/OCRM  
JURISDICTIONAL  
LAGOON "L"  
0.64 Ac.

USACE/OCRM  
JURISDICTIONAL  
LAGOON "N"  
2.89 Ac.

**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

CLIENT:

SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: JULY 17, 2015

DRAWN BY: JLR

SHEET: 6

JOB NUMBER: J-25702.0000

REVIEWED BY: KMS

SCALE: 1" = 100'

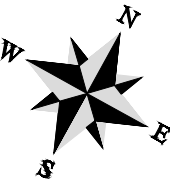


**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)

LAWTON VILLAS

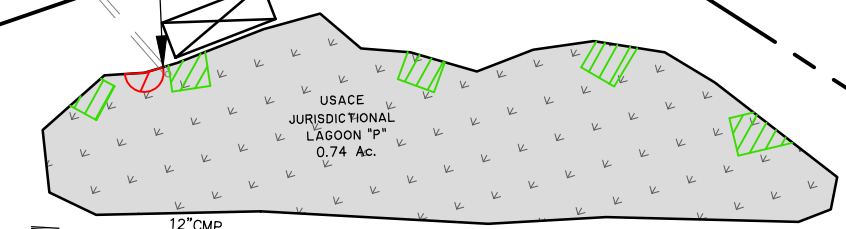


USACE  
JURISDICTIONAL LAGOON "P"  
IMPACT 0.004 ACRES (DREDGING)

DEWATERING STATION  
SEE DETAIL

PROJECT LIMITS (TYP.)

4<sup>th</sup> FAIRWAY



# OCEAN GOLF COURSE LAGOON DREDGING

## LAGOON DREDGING

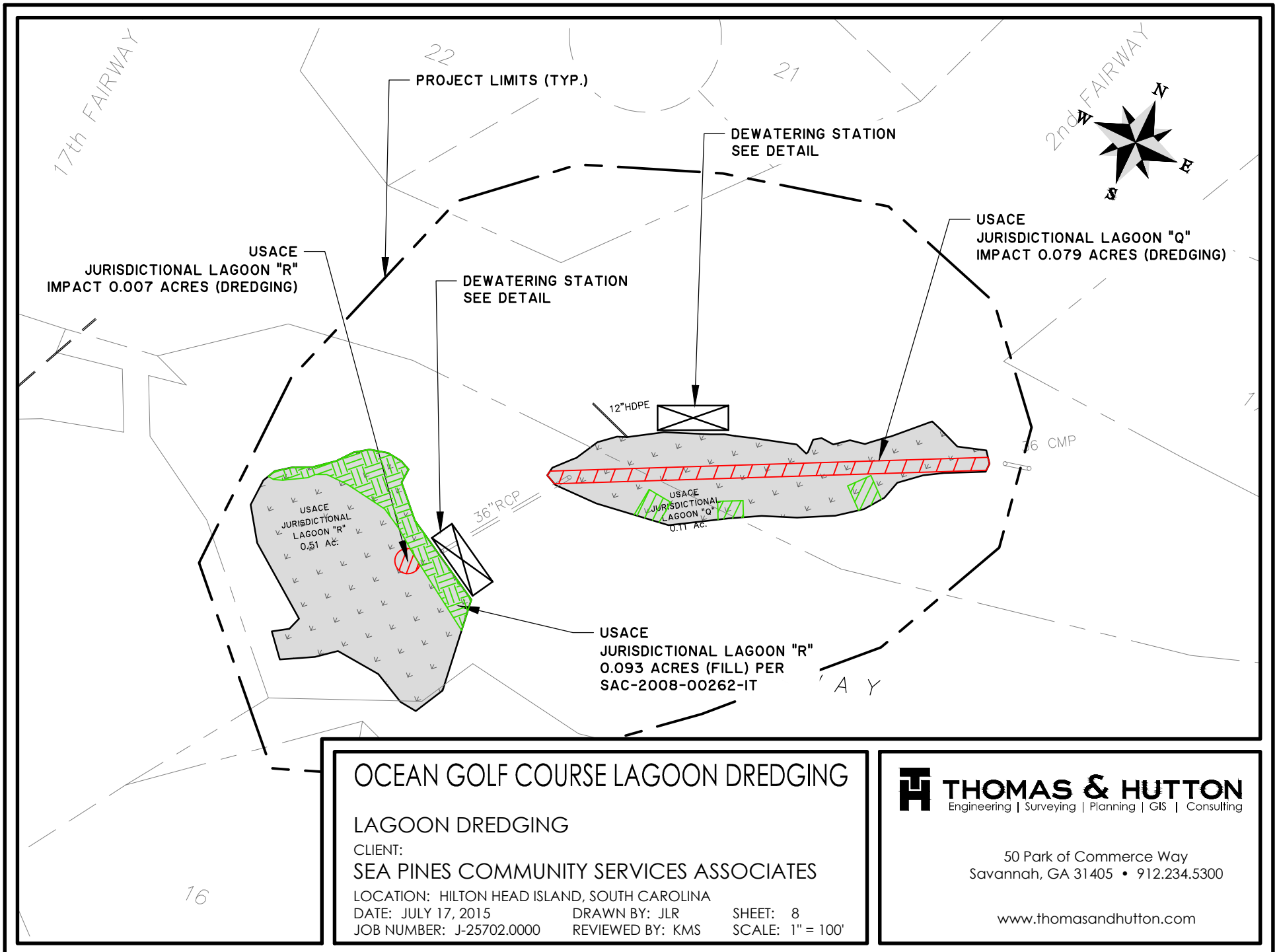
CLIENT:  
SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 7  
JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

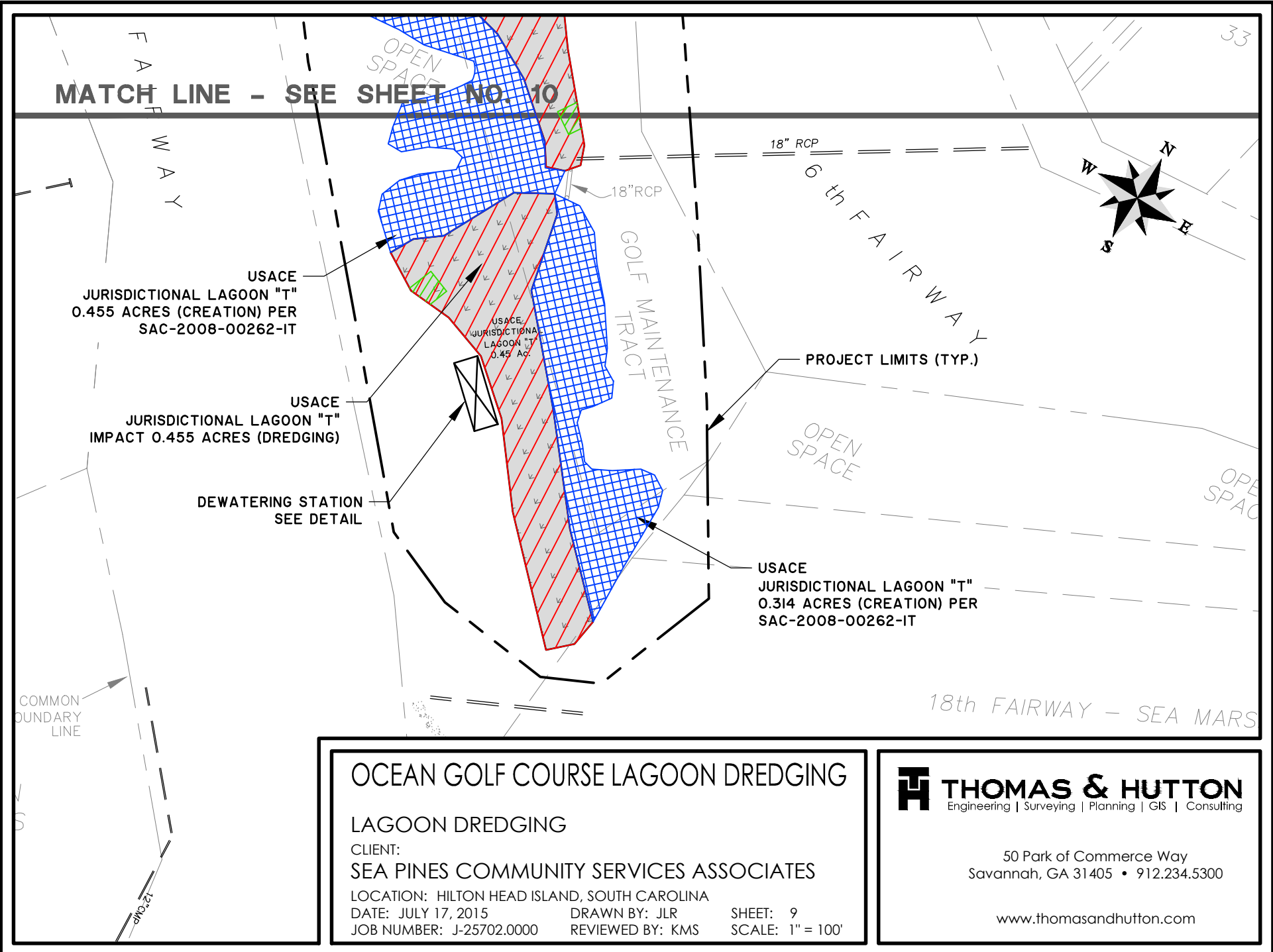
CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 8  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

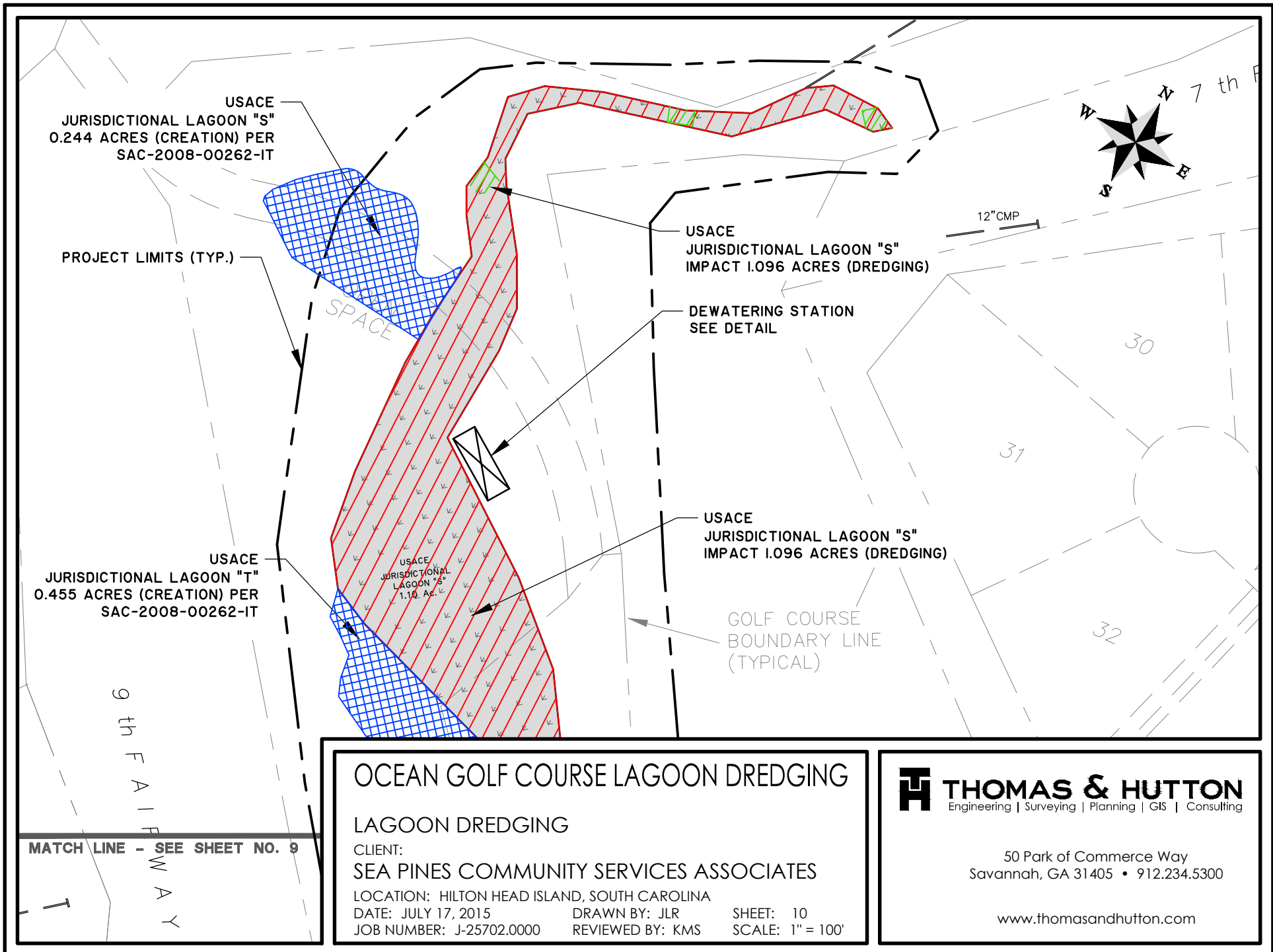
CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 9  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

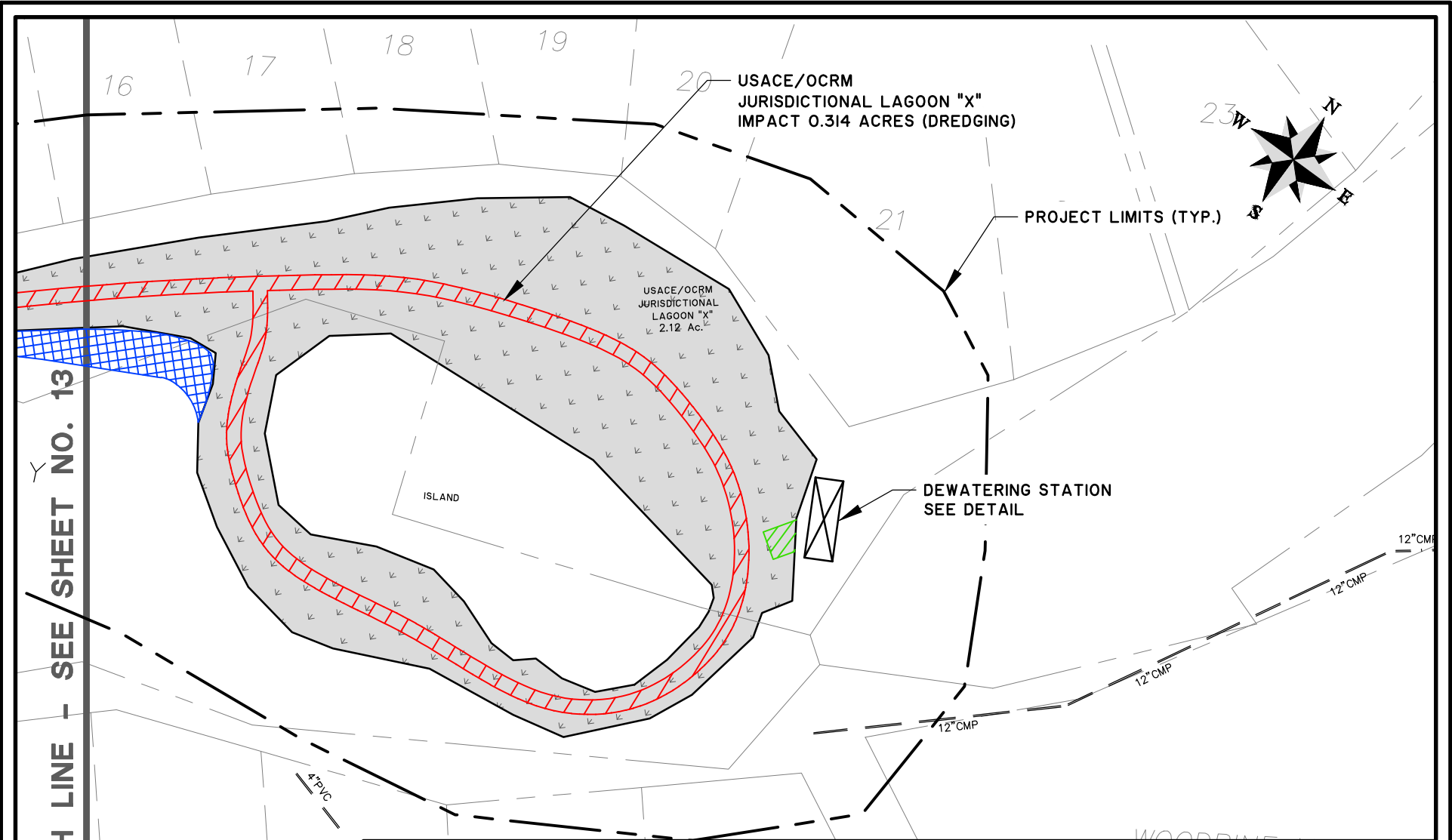
LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 10  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)





MATCH LINE - SEE SHEET NO. 13

**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

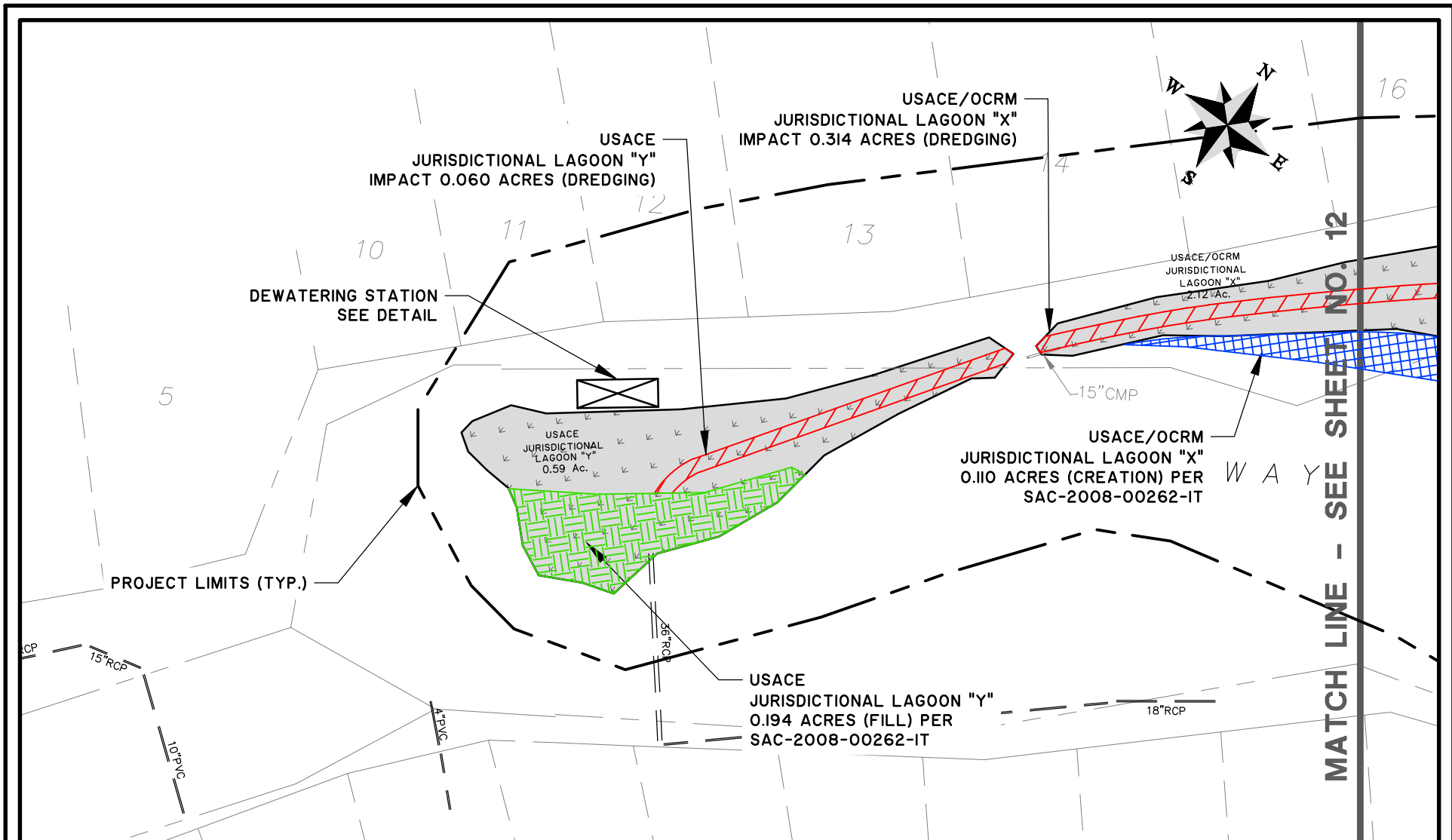
LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 12  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)





**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

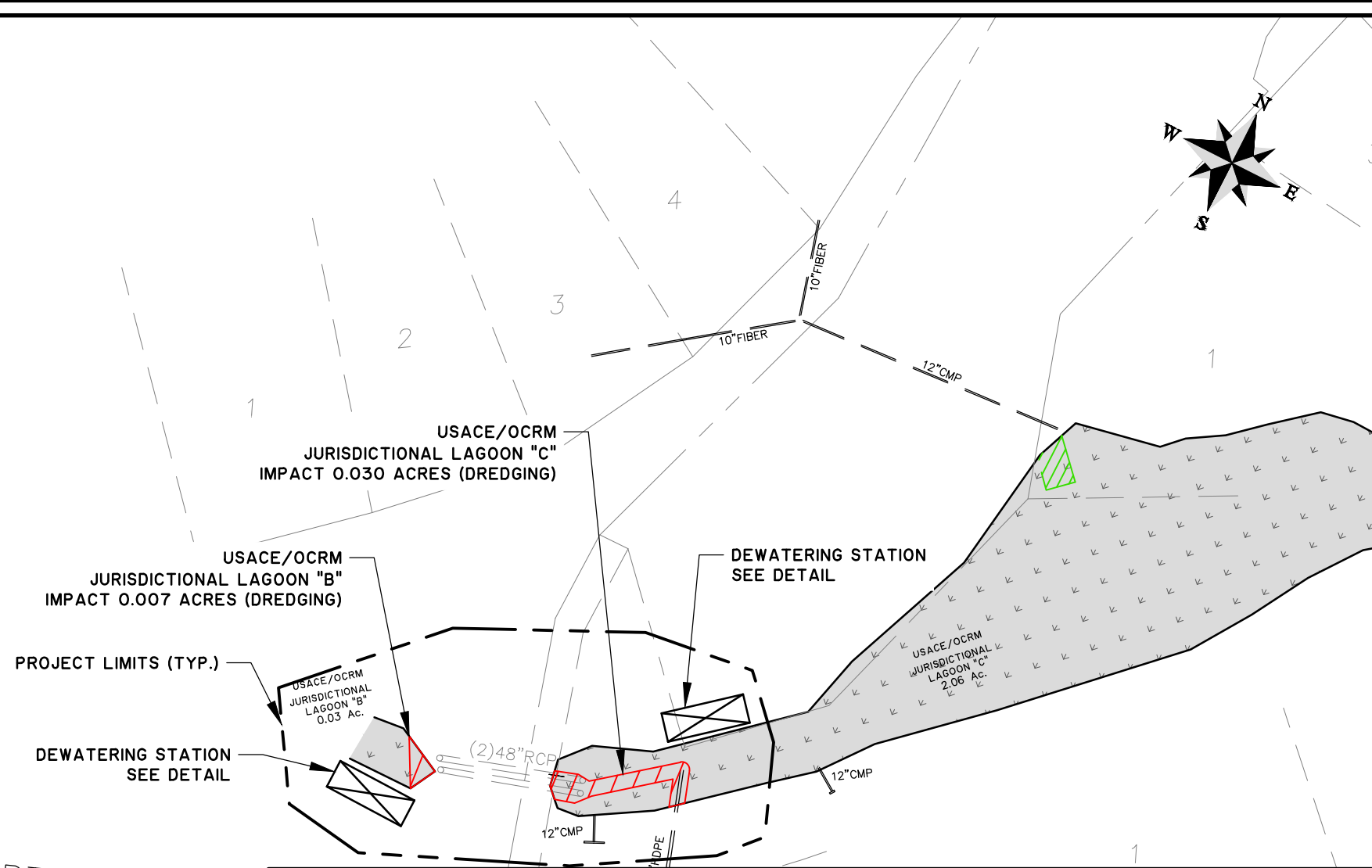
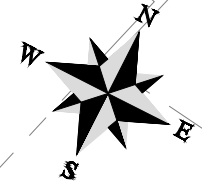
CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 13  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



NORTH SEA PINES

**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 14  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

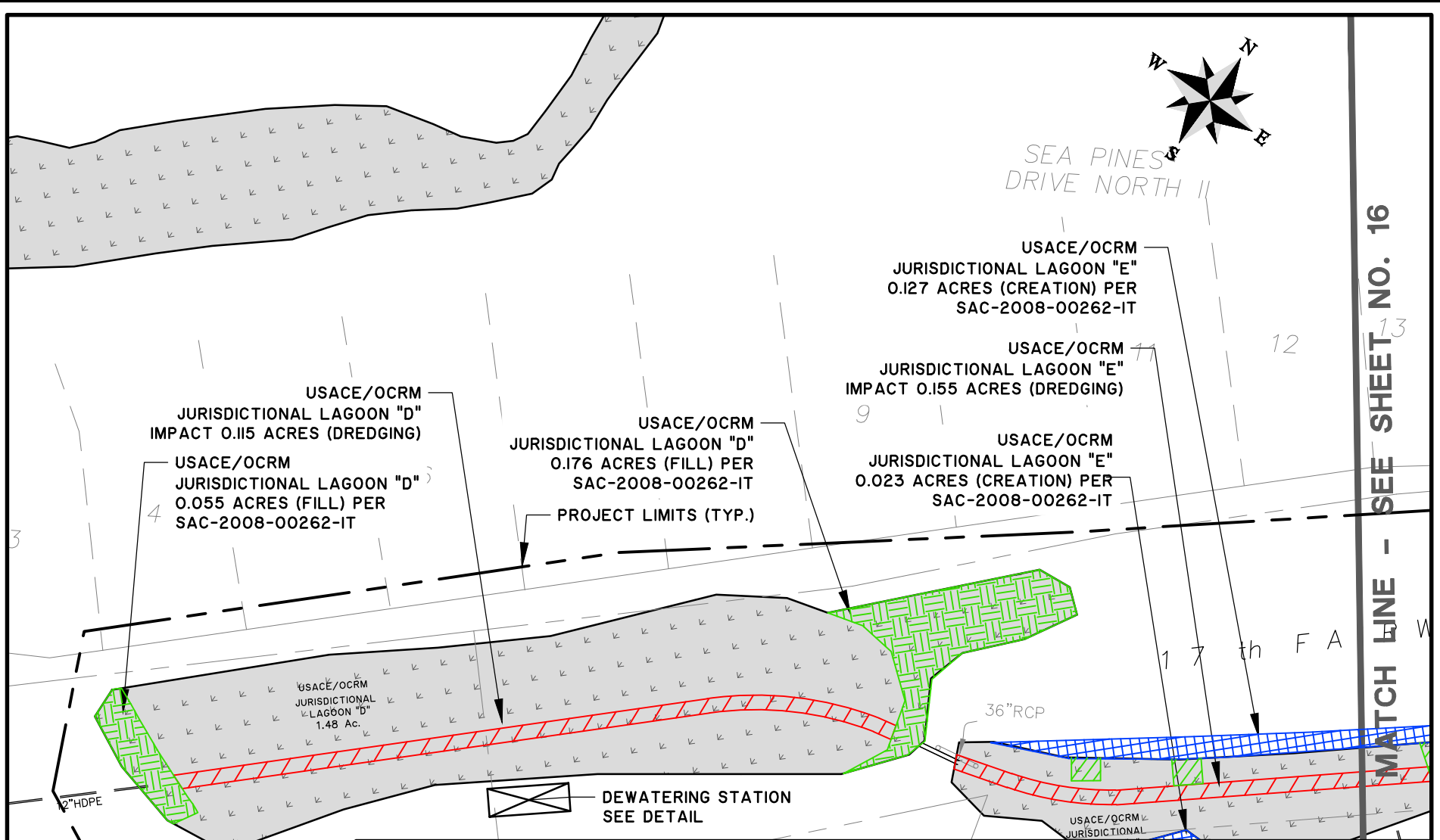
**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



SEA PINES  
DRIVE NORTH II



MATCH LINE - SEE SHEET NO. 16

**OCEAN GOLF COURSE LAGOON DREDGING**

LAGOON DREDGING

CLIENT:  
SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 15

JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

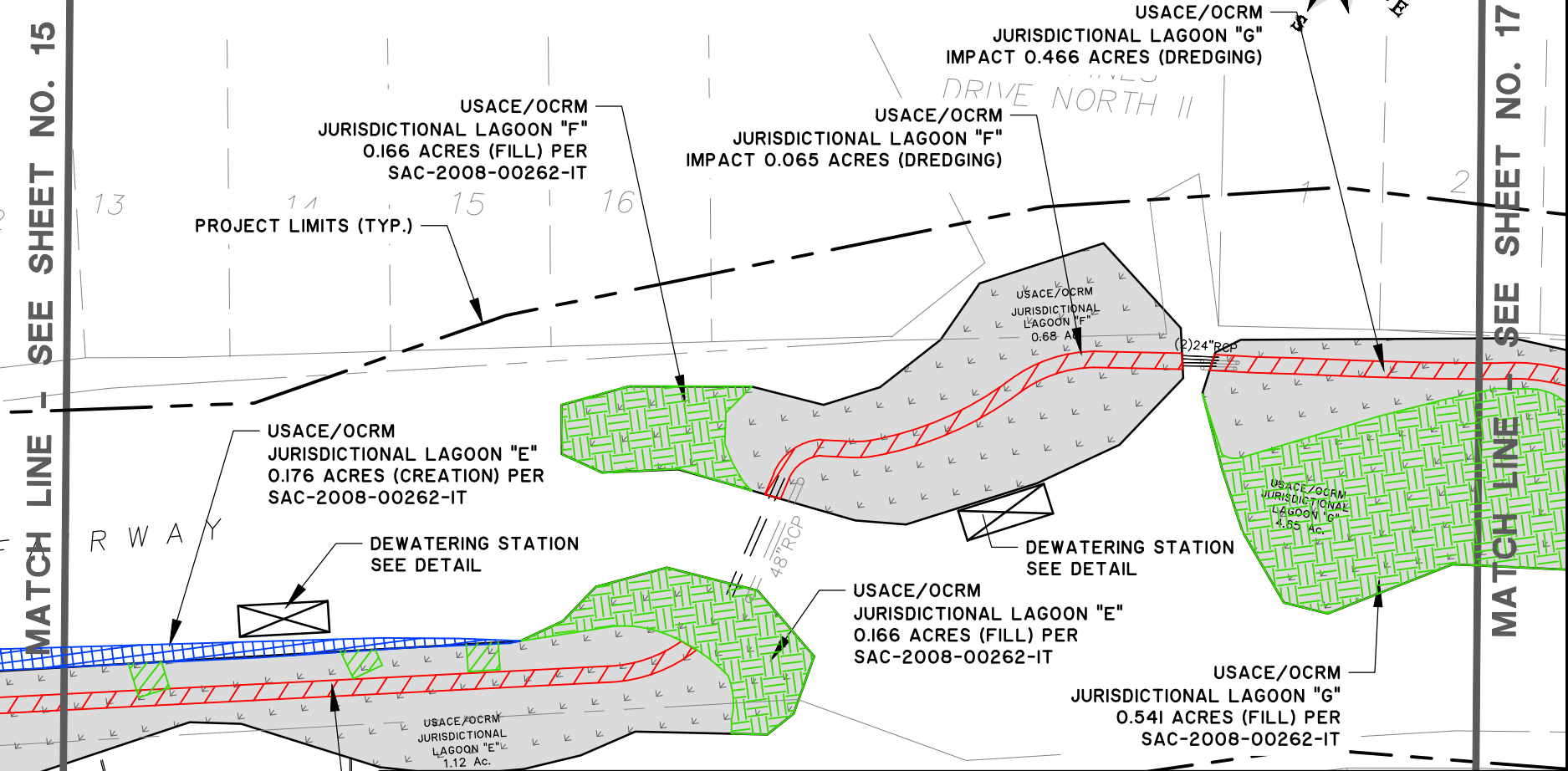
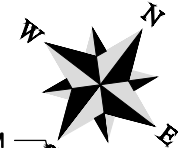
**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)

SEE SHEET NO. 15

SEE SHEET NO. 17



# OCEAN GOLF COURSE LAGOON DREDGING

## LAGOON DREDGING

CLIENT:

SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: JULY 17, 2015

DRAWN BY: JLR

SHEET: 16

JOB NUMBER: J-25702.0000

REVIEWED BY: KMS

SCALE: 1" = 100'



**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

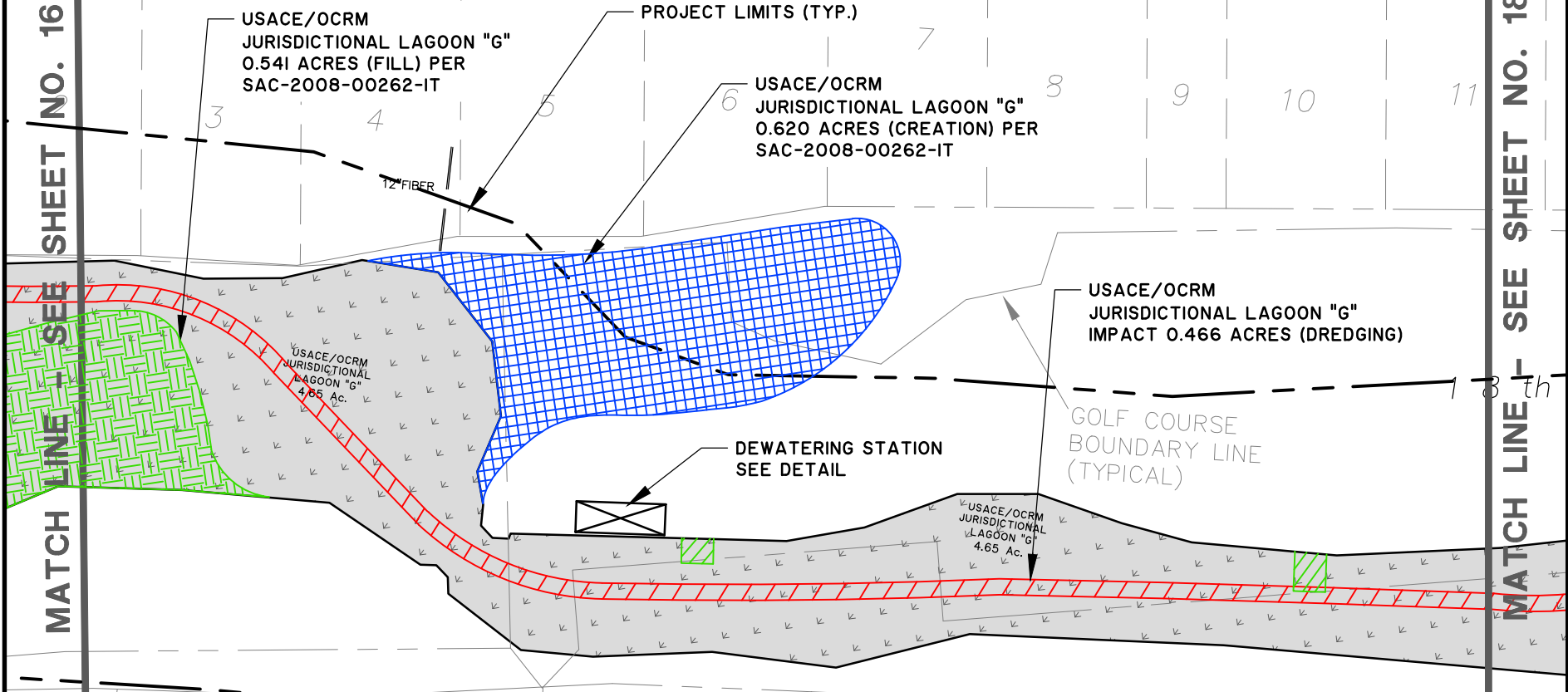
50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



MATCH LINE - SEE SHEET NO. 16

MATCH LINE - SEE SHEET NO. 18



**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 17  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**

Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)

MATCH LINE - SEE SHEET NO. 17

NORTH SEA PINES DRIVE

USACE/OCRM  
JURISDICTIONAL LAGOON "G"  
IMPACT 0.466 ACRES (DREDGING)

PROJECT LIMITS (TYP.)

USACE/OCRM  
JURISDICTIONAL LAGOON "G"  
0.101 ACRES (FILL) PER  
SAC-2008-00262-IT

DEWATERING STATION  
SEE DETAIL

13th FAIRWAY

USACE/OCRM  
JURISDICTIONAL LAGOON "G"  
4.65 AC.

# OCEAN GOLF COURSE LAGOON DREDGING

## LAGOON DREDGING

CLIENT:

SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: JULY 17, 2015

DRAWN BY: JLR

SHEET: 18

JOB NUMBER: J-25702.0000

REVIEWED BY: KMS

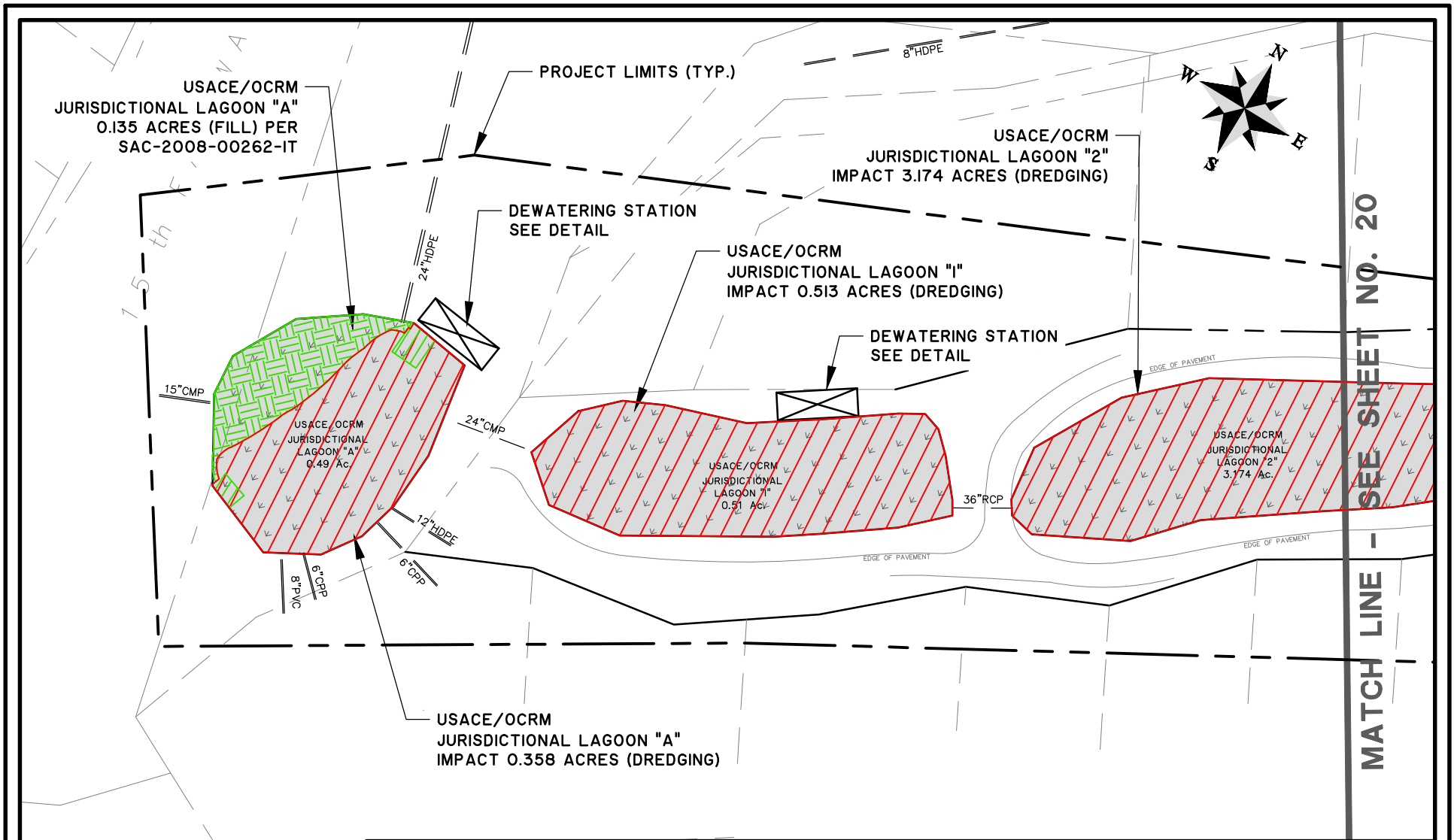
SCALE: 1" = 100'



**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

CLIENT:  
SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

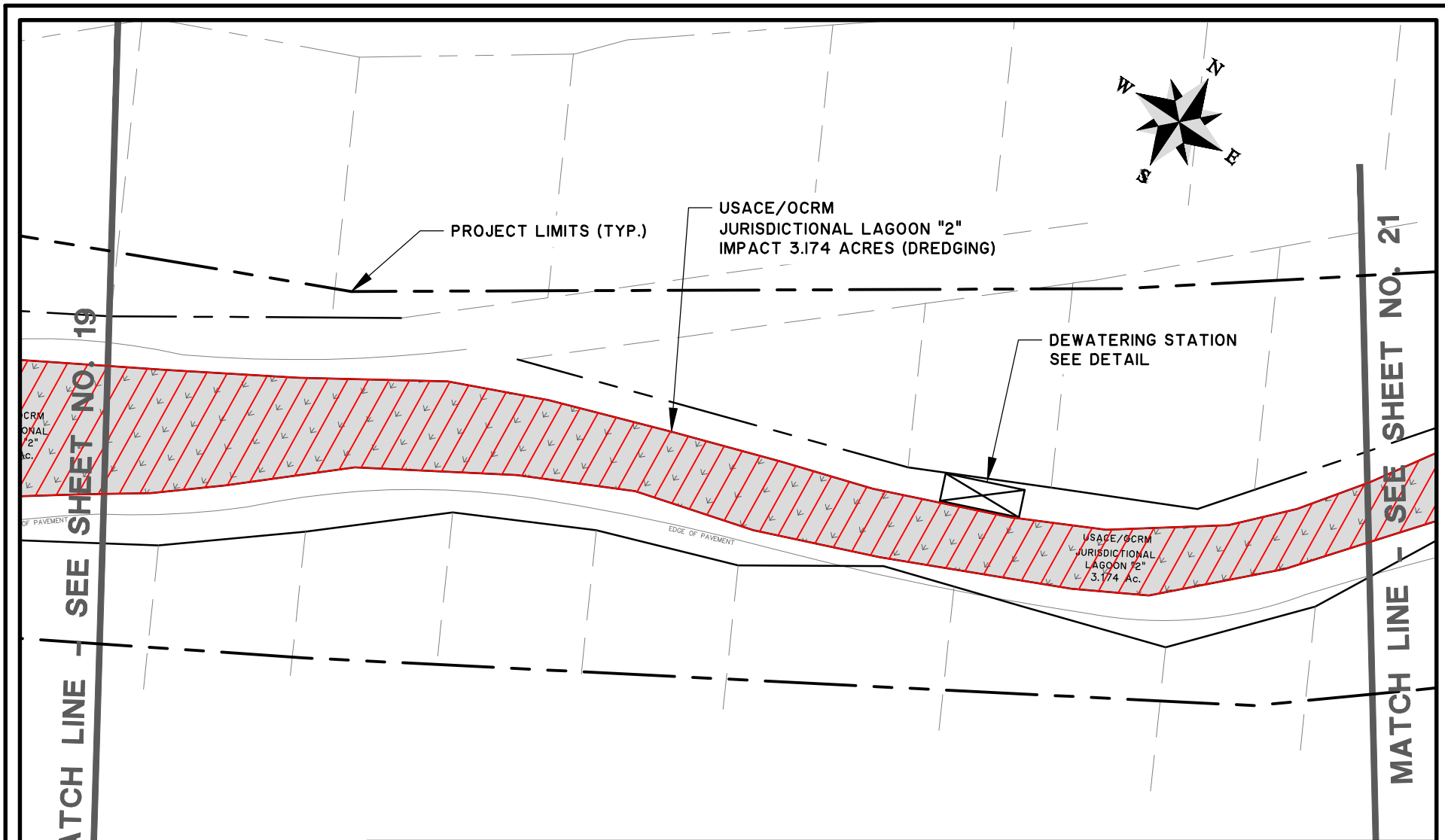
DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 19

JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)



**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

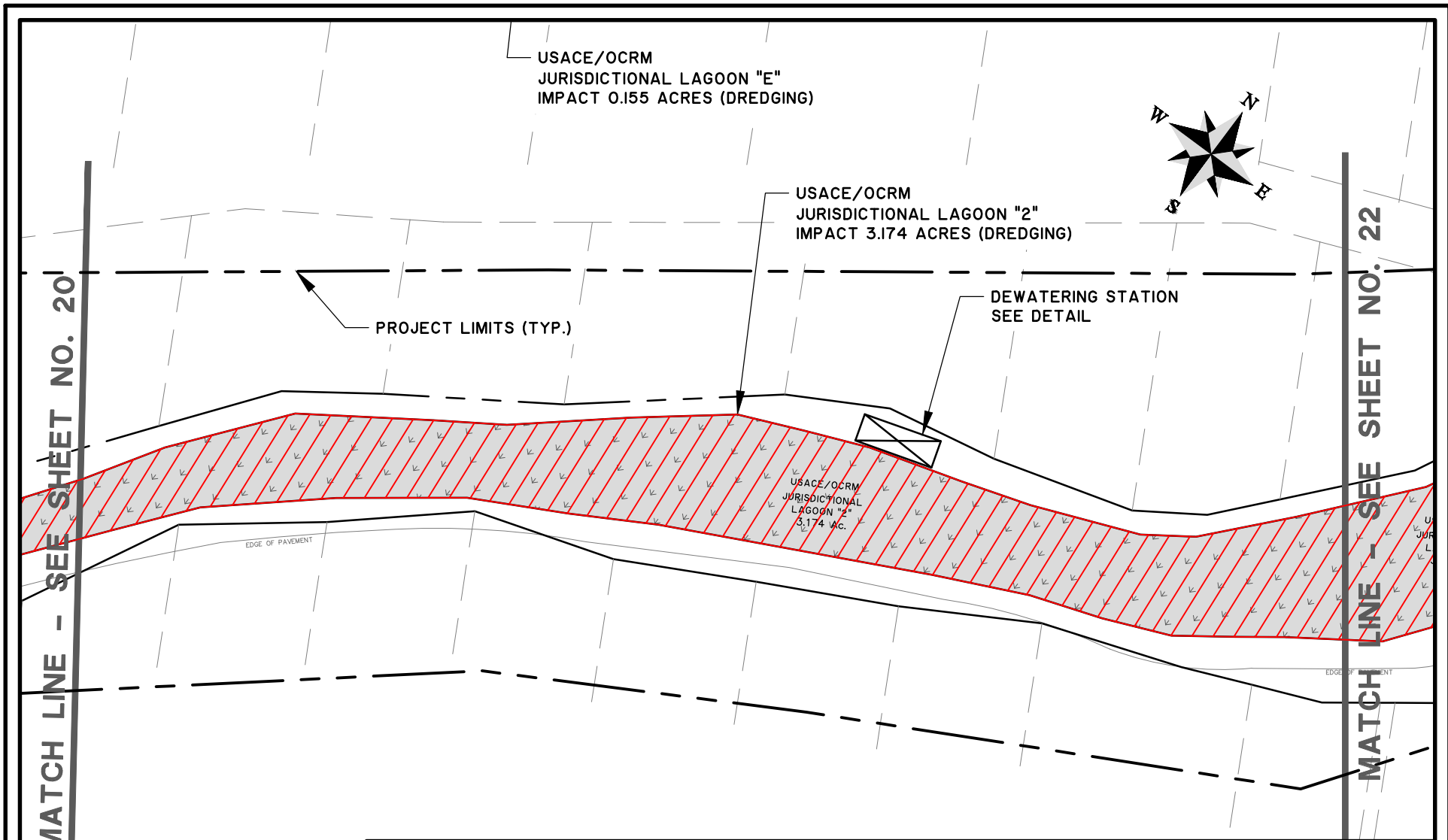
LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 20  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)





**OCEAN GOLF COURSE LAGOON DREDGING**

**LAGOON DREDGING**

CLIENT:  
**SEA PINES COMMUNITY SERVICES ASSOCIATES**

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
 DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 21  
 JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

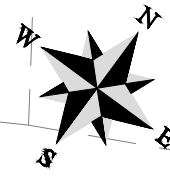
**THOMAS & HUTTON**  
 Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
 Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)

MATCH LINE - SEE SHEET NO. 21

MATCH LINE - SEE SHEET NO. 23



PROJECT LIMITS (TYP.)

DEWATERING STATION  
SEE DETAIL

USACE/OCRM  
JURISDICTIONAL  
LAGOON "2"  
3.174 AC.

USACE/OCRM  
JURISDICTIONAL  
LAGOON "3"  
2.409 AC.

USACE/OCRM  
JURISDICTIONAL LAGOON "3"  
IMPACT 2.409 ACRES (DREDGING)

**OCEAN GOLF COURSE LAGOON DREDGING**

LAGOON DREDGING

CLIENT:  
SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: JULY 17, 2015      DRAWN BY: JLR      SHEET: 22

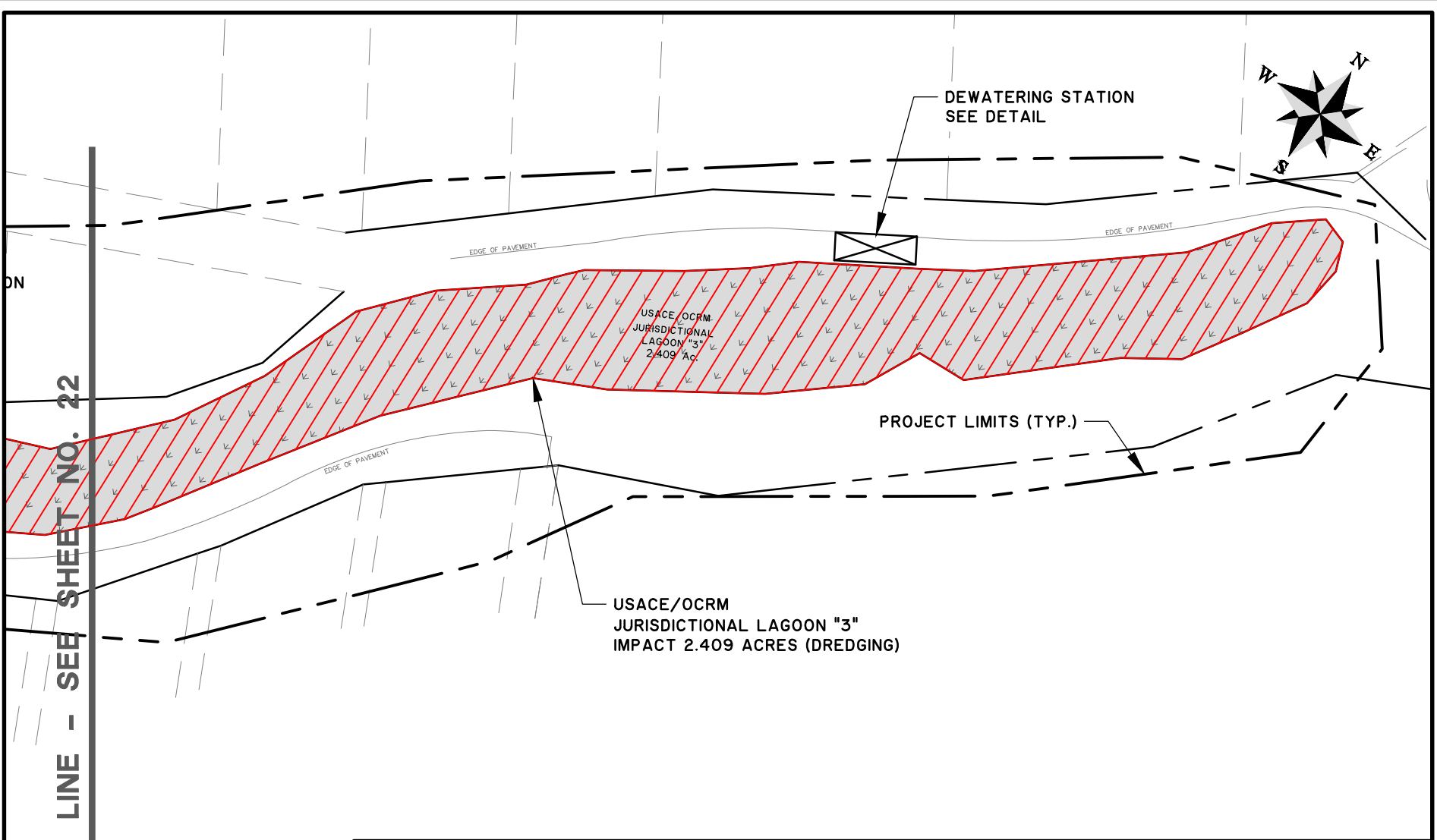
JOB NUMBER: J-25702.0000      REVIEWED BY: KMS      SCALE: 1" = 100'

**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)

MATCH LINE - SEE SHEET NO. 22



# OCEAN GOLF COURSE LAGOON DREDGING

## LAGOON DREDGING

CLIENT:

SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

DATE: JULY 17, 2015

DRAWN BY: JLR

SHEET: 23

JOB NUMBER: J-25702.0000

REVIEWED BY: KMS

SCALE: 1" = 100'



**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)

DESCRIPTION	LAGOON DREDGE	JURISDICTION
-------------	---------------	--------------

LAGOON "1"	0.513 ACRES	USACE/OCRM
LAGOON "2"	3.174 ACRES	USACE/OCRM
LAGOON "3"	2.409 ACRES	USACE/OCRM
LAGOON "A"	0.358 ACRES	USACE/OCRM
LAGOON "B"	0.007 ACRES	USACE/OCRM
LAGOON "C"	0.030 ACRES	USACE/OCRM
LAGOON "D"	0.115 ACRES	USACE/OCRM
LAGOON "E"	0.155 ACRES	USACE/OCRM
LAGOON "F"	0.065 ACRES	USACE/OCRM
LAGOON "G"	0.466 ACRES	USACE/OCRM
LAGOON "H"	0.249 ACRES	USACE/OCRM
LAGOON "I"	0.003 ACRES	USACE/OCRM
LAGOON "J"	0.310 ACRES	USACE/OCRM
LAGOON "K"	0.100 ACRES	USACE/OCRM
LAGOON "L"	0.126 ACRES	USACE/OCRM
LAGOON "N"	0.007 ACRES	USACE/OCRM
LAGOON "O"	0.003 ACRES	USACE/OCRM
LAGOON "P"	0.004 ACRES	USACE
LAGOON "Q"	0.079 ACRES	USACE
LAGOON "R"	0.007 ACRES	USACE
LAGOON "S"	1.096 ACRES	USACE
LAGOON "T"	0.455 ACRES	USACE
LAGOON "U"	0.051 ACRES	USACE/OCRM
LAGOON "V"	0.027 ACRES	USACE/OCRM
LAGOON "W"	0.005 ACRES	USACE/OCRM
LAGOON "X"	0.314 ACRES	USACE/OCRM
LAGOON "Y"	0.060 ACRES	USACE

TOTAL	10.188 ACRES	
TOTAL - USACE JURISDICTIONAL IMPACTS	10.188 ACRES	
TOTAL - OCRM JURISDICTIONAL IMPACTS	8.487 ACRES	

### LEGEND



LAGOON DREDGE



SAC-2008-00262-1T CREATION



SAC-2008-00262-1T FILL

#### SUMMARY TABLE:

TOTAL PROJECT AREA = 116.50 AC.  
 UPLAND AREA = 87.66 AC.  
 TOTAL WETLAND AREA = 28.84 AC. TOTAL  
 USACE JURISDICTIONAL = 28.84 AC.  
 OCRM JURISDICTIONAL = 25.05 AC.  
 TOTAL WETLAND IMPACTS = 10.19 AC TOTAL  
 USACE JURISDICTIONAL IMPACTS = 10.19 AC.  
 OCRM JURISDICTIONAL IMPACTS = 8.49 AC

## OCEAN GOLF COURSE LAGOON DREDGING

PROPOSED ACTIVITY:  
LAGOON DREDGING

CLIENT:  
SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA

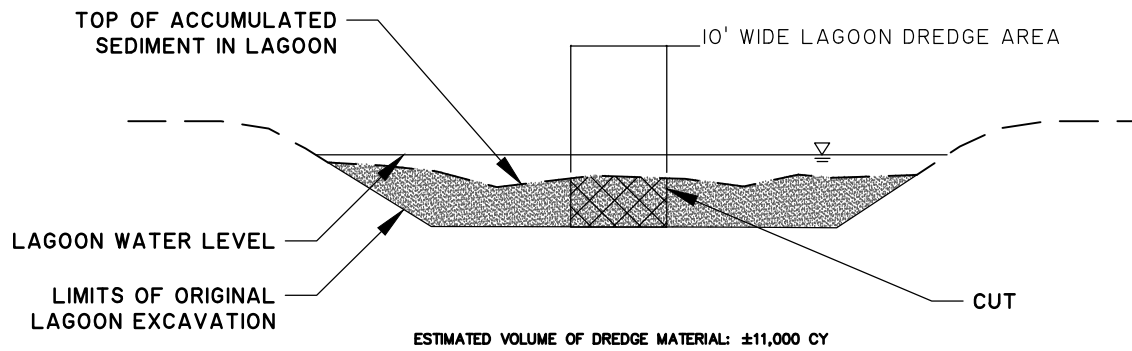
DATE: JULY 17, 2015  
JOB NUMBER: J - 25702.0000

SHEET: 22  
SCALE: NTS

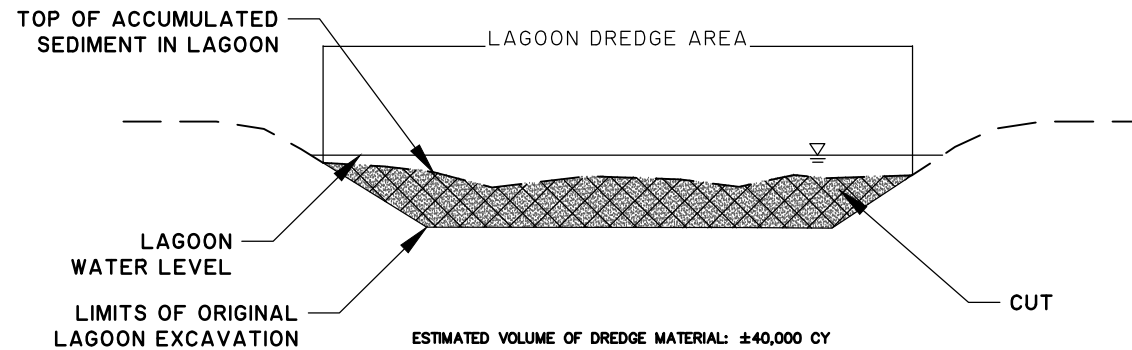
**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

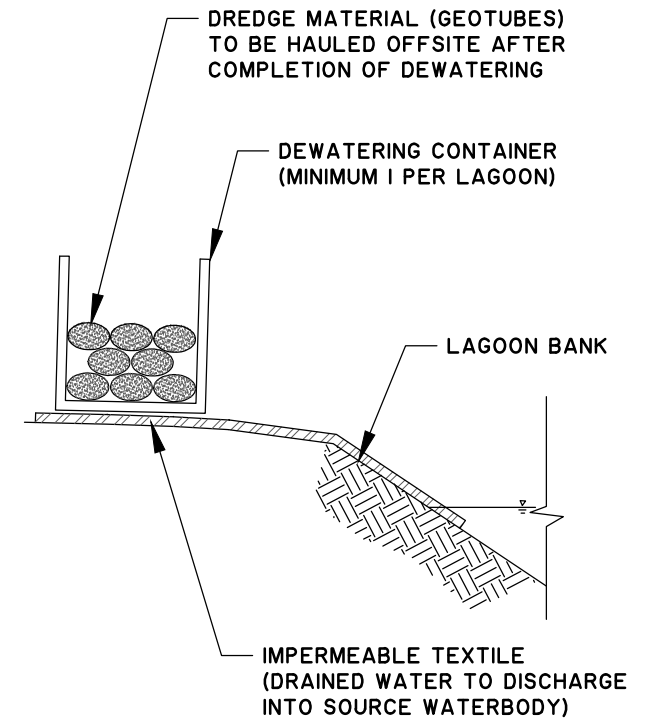
www.thomasandhutton.com



**PARTIAL LAGOON (THALWEG) DREDGE SECTION**  
NOT TO SCALE



**FULL LAGOON DREDGE SECTION**  
NOT TO SCALE



**DEWATERING STATION DETAIL**  
NOT TO SCALE

## OCEAN GOLF COURSE LAGOON DREDGING

PROPOSED ACTIVITY:  
LAGOON DREDGING

CLIENT:  
SEA PINES COMMUNITY SERVICES ASSOCIATES

LOCATION: HILTON HEAD ISLAND, SOUTH CAROLINA  
DATE: JULY 17, 2015  
JOB NUMBER: J - 25702.0000

SHEET: 23  
SCALE: NTS

**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

50 Park of Commerce Way  
Savannah, GA 31405 • 912.234.5300

[www.thomasandhutton.com](http://www.thomasandhutton.com)