

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-2015-01701-REVISED

21 July 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), 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

THE SOUTH CAROLINA DEPT OF PARKS, RECREATION AND TOURISM
MR. DAVID SIMMS
C/O STEVEN TRAYNUM
COASTAL SCIENCE AND ENGINEERING
POST OFFICE BOX 8056
COLUMBIA, SOUTH CAROLINA 29202

for a permit to perform dredging and beach nourishment using sand from two offshore borrow areas and construct four low profile sheet pile groins in the

ATLANTIC OCEAN

at locations offshore of and along the shoreline of Hunting Island State Park on Hunting Island, Beaufort County, South Carolina (Latitude 32.3714°, Longitude 80.4367°; St. Helena and Fripp Inlet 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: ONLY COMMENTS IN RESPONSE TO THIS NOTICE WILL BE CONSIDERED. A similar project was previously advertised on March 16, 2016, however due

to Hurricane Matthew the project has been revised to the current project. ONLY COMMENTS IN RESPONSE TO THIS NOTICE WILL BE CONSIDERED.

The proposed work consists of performing dredging, beach nourishment, and constructing up to four low profile sheet pile groins. In detail the proposed work consists of placing up to 1,200,000 cubic yards of beach-quality sand along 11,700 linear feet of ocean shoreline at Hunting Island State Park via hydraulic dredge. Two offshore borrow areas are proposed for use as sand sources. Area "A" is adjacent to and south of the borrow area that was approved for a 2006 nourishment project and is 243 acres in size. Area "B" is 3,500 feet northeast of Area A and is 50 acres in size. The dredging footprint would be limited to only the area needed to complete the project, estimated at ~100 acres. These borrow areas are shown on sheets 2, 6, 7, 8, and 9 of 9. The sand will be removed by cutterhead dredge and pumped onto the beach through a pipeline. Beach fill volumes will range between 40 and 215 cubic yards per foot of shoreline. In addition, the project includes the construction of up to four groins as shown on sheets 2 through 4a of 9. Each groin will be between 400 and 450 ft long and constructed of vertical steel or composite sheet piles. Sheet piles will be capped with concrete. At the seaward end of each groin, up to 2,000 tons of armor stone will be placed on top of a 3,000 sq ft marine mattress layer filled with 2"-6" bedding stone. The groin installation will involve a total of 1,800 lf of sheet pile and caps, 8,000 tons of armor stone, and 12,000 sq ft of marine mattresses. The volume of nourishment sand will exceed each groins trapping capacity, which is estimated to be ~50,000 cy. Sand fencing and vegetation will be installed following nourishment to facilitate natural dune growth. Due to the nature of the proposed work which is for beach restoration, the applicant did not propose mitigation. The purpose of the project is for erosion control and beach restoration and, according to the applicant, also includes the following:

- To restore the recreational beach and to protect the associated infrastructure.
- To protect campsites and associated infrastructure from further damage.
- To cover exposed roots and mud outcrops which pose hazards to swimmers and liability to the state.
- To maintain park revenues which are dependent on a viable beach and campsite area.
- To minimize impacts to wilderness sections of the beach to preserve the aesthetic character of the oceanfront (including some driftwood areas where no infrastructure or wetlands are at risk).
- To provide beach habitat for shorebirds and turtles where none currently exists.

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 have temporary impacts to the marine water column 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 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 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 may affect the Piping Plover (*Charadrius melodus*), the Red Knot (*Calidris canutus*), and the Loggerhead Sea Turtle (*Caretta caretta*). A biological assessment (or other similar document) detailing our analysis of the potential effects of the action was provided to the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service.

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)(1)(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).

Office and other interested parties to provide any information they may have with regard to historic properties.

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

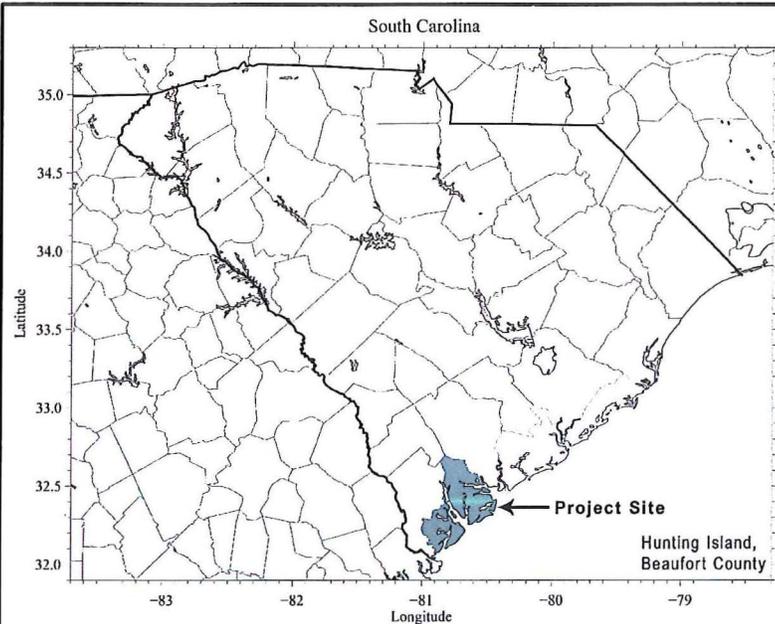
particularity, the reasons for holding a public hearing.

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. 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:**

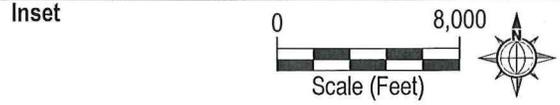
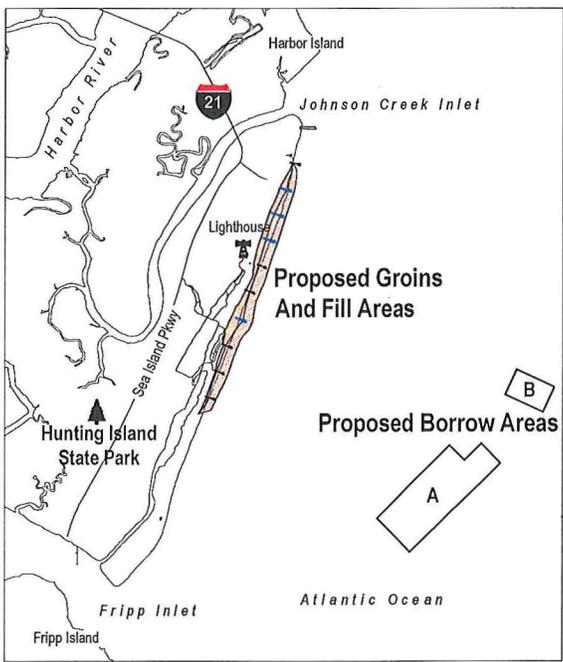
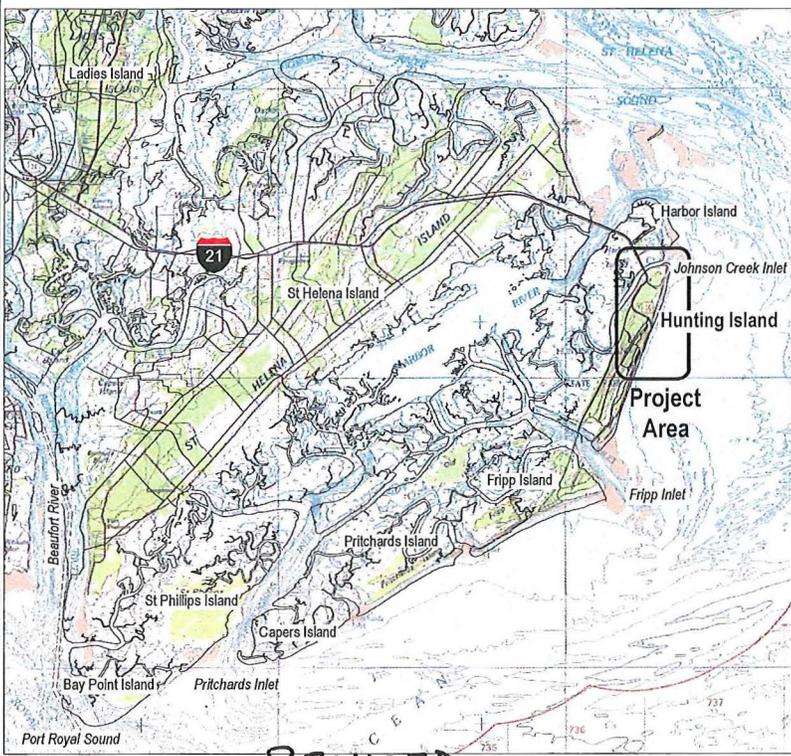
**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A HAGOOD AVENUE
CHARLESTON, SOUTH CAROLINA 29403-5107**

If there are any questions concerning this public notice, please contact Mary Hope Green Project Manager, at (843) 329-8044 X 8034 or toll free at 1-866-329-8187.



DIRECTIONS FROM SC HWY 17:
 Take Highway 21 south to Hunting Island.
 Enter the park at the campground entrance
 (first left). Proceed to the beach access
 parking area.

Project Site Coordinates
 Latitude: 32° 22' 00" N
 Longitude: 80° 26' 26" W



REVISED

APPLICANT: **SAC - 2015-01701**
 The South Carolina Department of Parks,
 Recreation & Tourism (SCPRT)
 (Hunting Island State Park)

DRAWING TITLE:
VICINITY MAP
 PROJECT: Hunting Island Beach
 Re-Nourishment Project

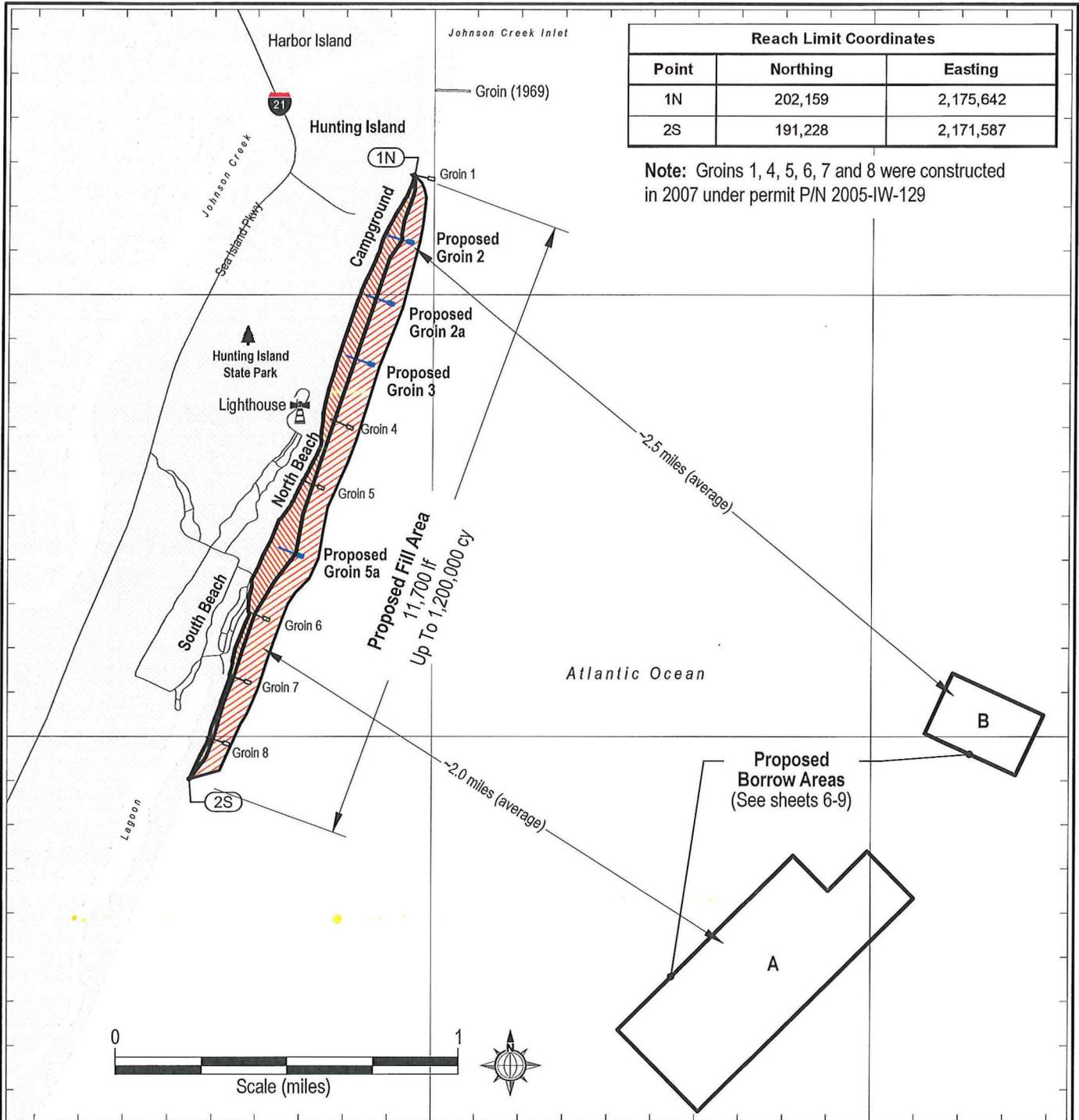
AGENT:
 Coastal Science & Engineering
 PO Box 8056
 Columbia, SC 29202

Scale: As Shown	Sheet #: 01
Date: 17 July 2017	of 9
Permit #	
Project #: 2445	



2,176,000 E

2,184,000 E



Reach Limit Coordinates		
Point	Northing	Easting
1N	202,159	2,175,642
2S	191,228	2,171,587

Note: Groins 1, 4, 5, 6, 7 and 8 were constructed in 2007 under permit P/N 2005-IW-129

200,000 N

192,000 N

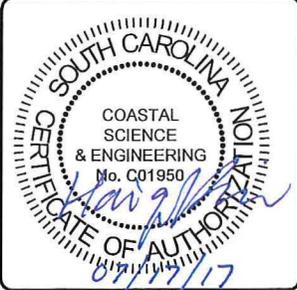
APPLICANT:
The South Carolina Department of Parks,
Recreation & Tourism (SCPRT)
(Hunting Island State Park)

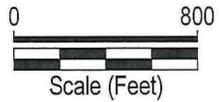
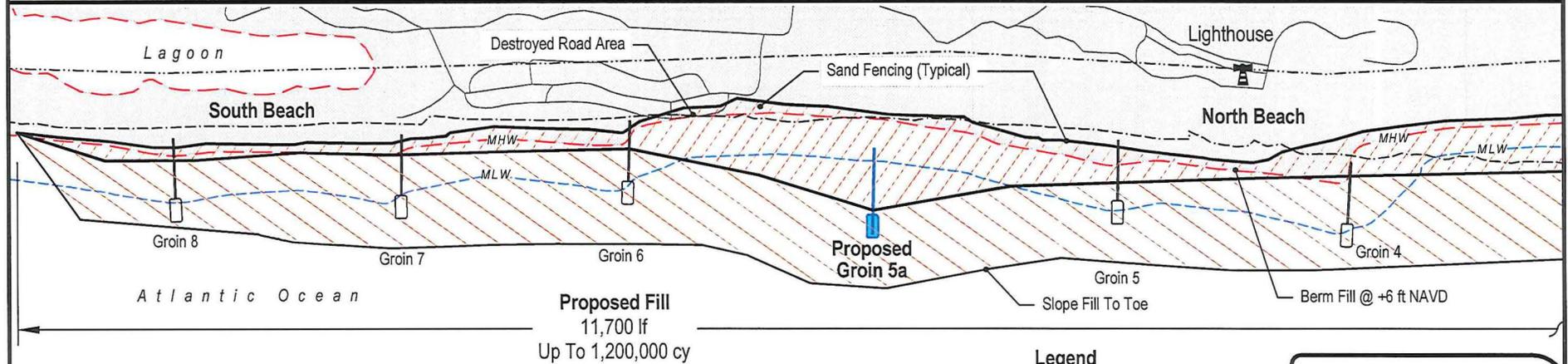
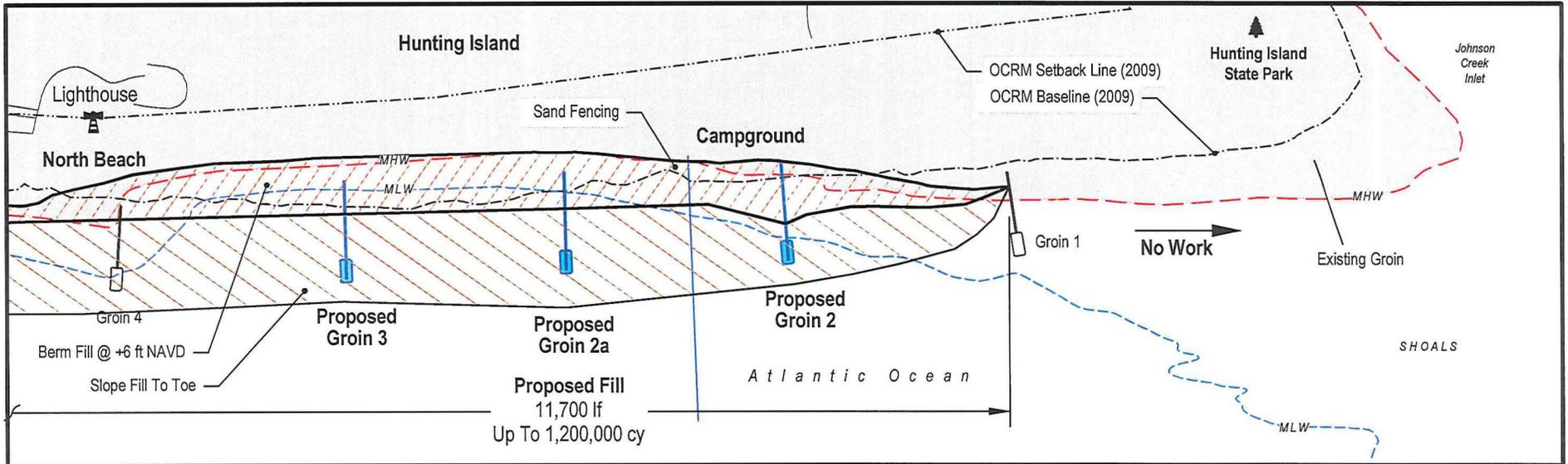
DRAWING TITLE:
OVERALL PLAN MAP

AGENT:
Coastal Science & Engineering
PO Box 8056
Columbia, SC 29202

Scale: As Shown
Date: 17 July 2017
Permit #
Project #: 2445

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Datum Notes:
 Horizontal: SPCS NAD '83 (Feet) SC Zone 3900
 Vertical: NAVD 88 (Feet)
 Contours Shown Collected August 2015

- Nourishment Berm Slope Section
- Existing Groin
- Proposed Groin

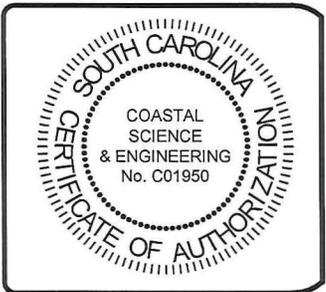
- Legend**
- Mean High Water 2.88 ft NAVD
 - Mean Low Water -3.58 ft NAVD
 - OCRM Setback Line (2009)
 - OCRM Baseline (2009)

APPLICANT:
 The South Carolina Department of Parks,
 Recreation & Tourism (SCPRT)
 (Hunting Island State Park)

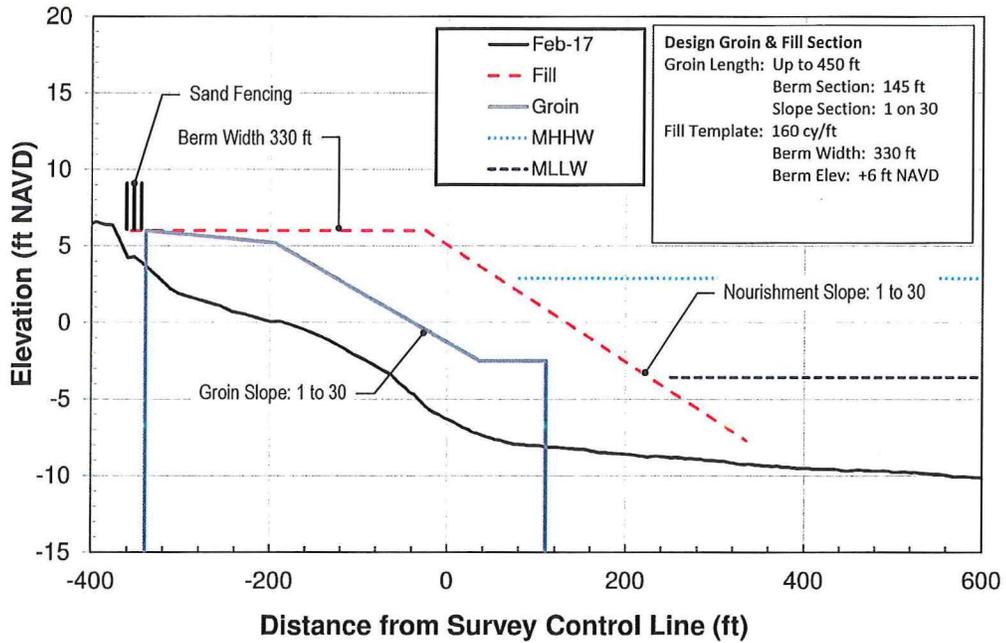
AGENT:
 Coastal Science & Engineering
 PO Box 8056
 Columbia, SC 29202

DRAWING TITLE:
 PROJECT FILL PLAN

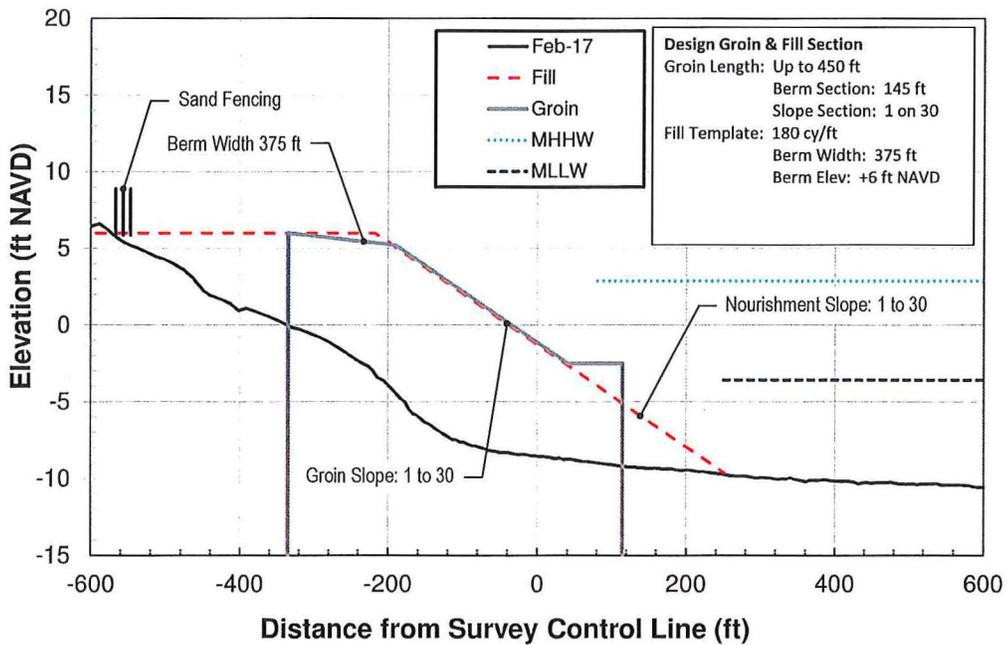
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Date:	17 July 2017		
Permit #			
Project #:	2445		



Hunting Island Groin 2

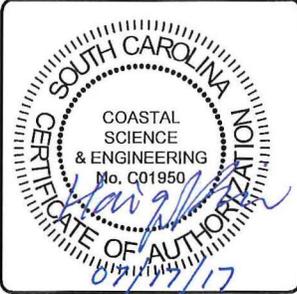


Hunting Island Groin 2A



APPLICANT:
 The South Carolina Department of Parks,
 Recreation & Tourism (SCPRT)
 (Hunting Island State Park)

DRAWING TITLE:
FILL & GROIN SECTIONS
 Groins 2 & 2a

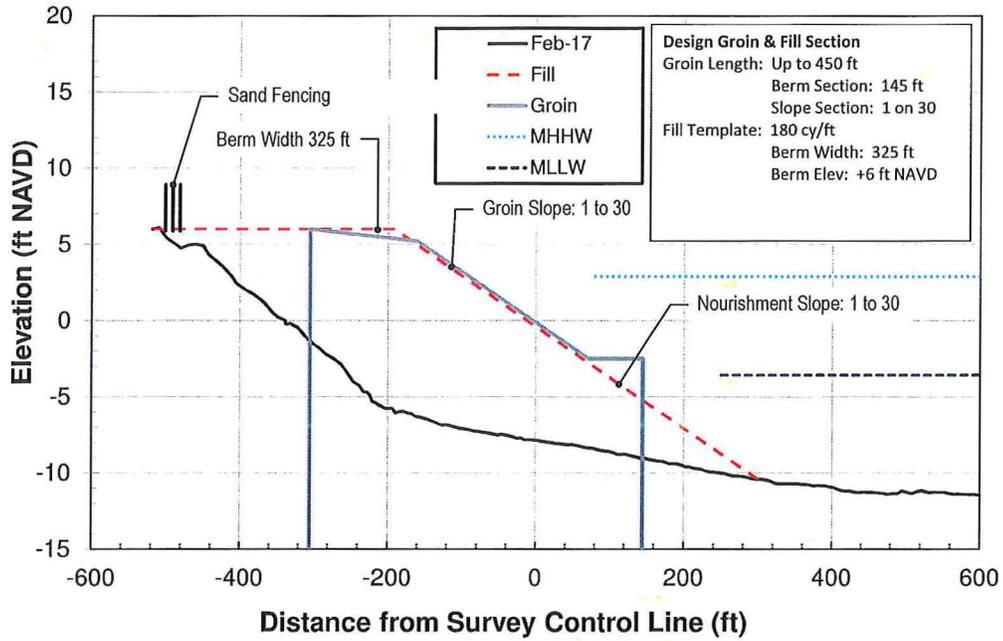


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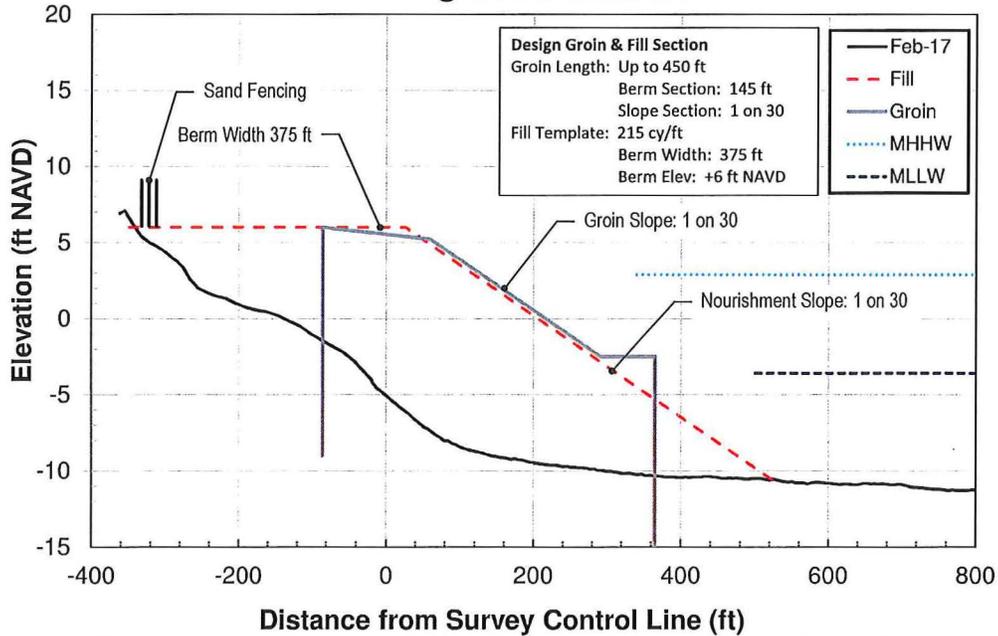
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 Date: 17 July 2017
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Hunting Island Groin 3



Hunting Island Groin 5A



APPLICANT:
 The South Carolina Department of Parks,
 Recreation & Tourism (SCPRT)
 (Hunting Island State Park)

DRAWING TITLE:
 FILL & GROIN SECTIONS
 Groins 3 & 5a

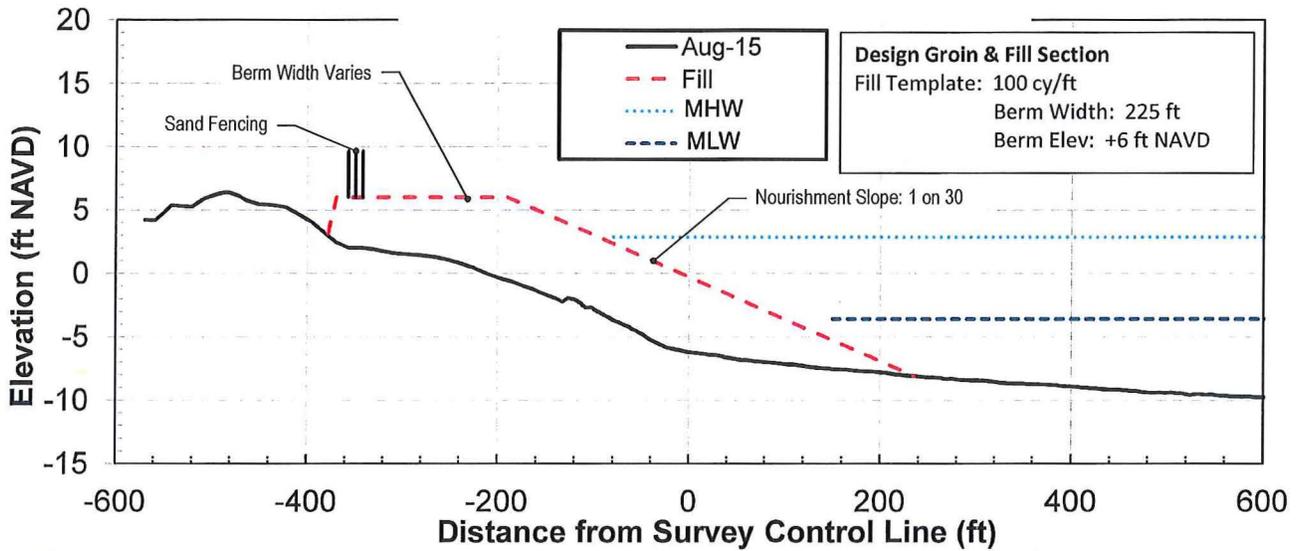


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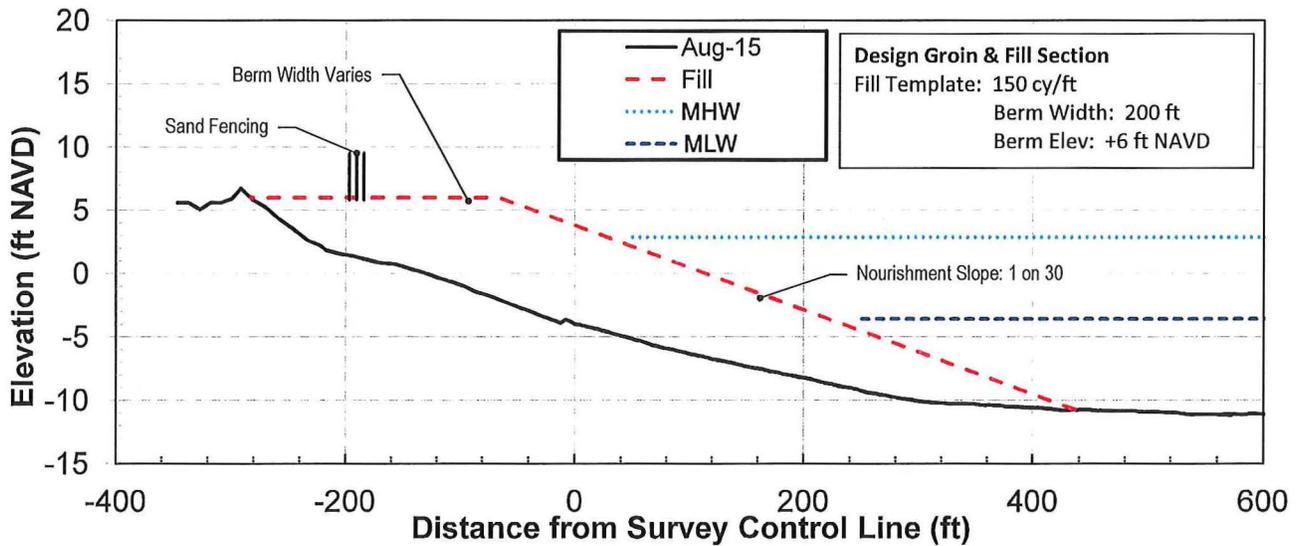
Scale: As Shown
 Date: 17 July 2017
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EXAMPLE FILL SECTION (100 cy/ft)

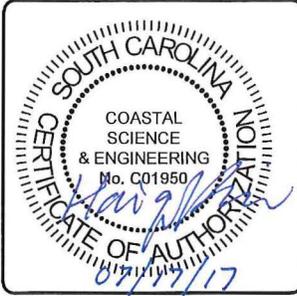


EXAMPLE FILL SECTION (150 cy/ft)



APPLICANT:
 The South Carolina Department of Parks,
 Recreation & Tourism (SCPRT)
 (Hunting Island State Park)

DRAWING TITLE:
 TYPICAL NOURISHMENT
 SECTIONS



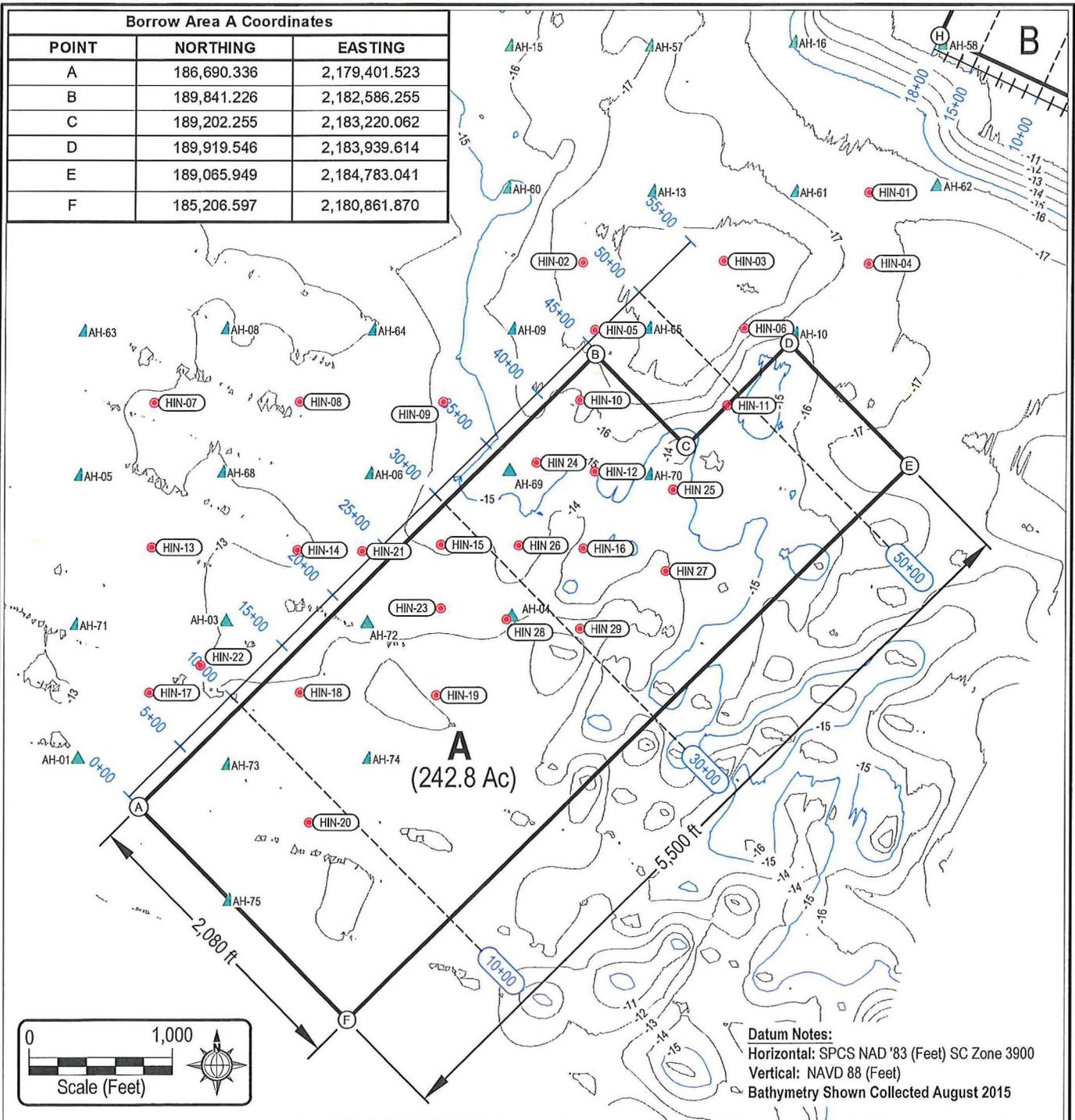
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 Columbia, SC 29202

Scale: As Shown
 Date: 17 July 2017
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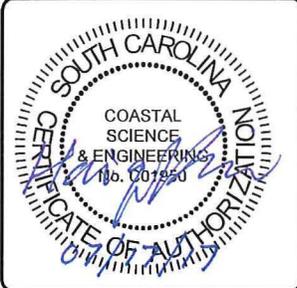
Borrow Area A Coordinates

POINT	NORTHING	EASTING
A	186,690.336	2,179,401.523
B	189,841.226	2,182,586.255
C	189,202.255	2,183,220.062
D	189,919.546	2,183,939.614
E	189,065.949	2,184,783.041
F	185,206.597	2,180,861.870



APPLICANT:
The South Carolina Department of Parks,
Recreation & Tourism (SCPRT)
(Hunting Island State Park)

DRAWING TITLE:
BORROW AREA "A" PLAN



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Columbia, SC 29202

Scale: As Shown
Date: 17 July 2017
Permit #
Project #: 2445

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2185000 E

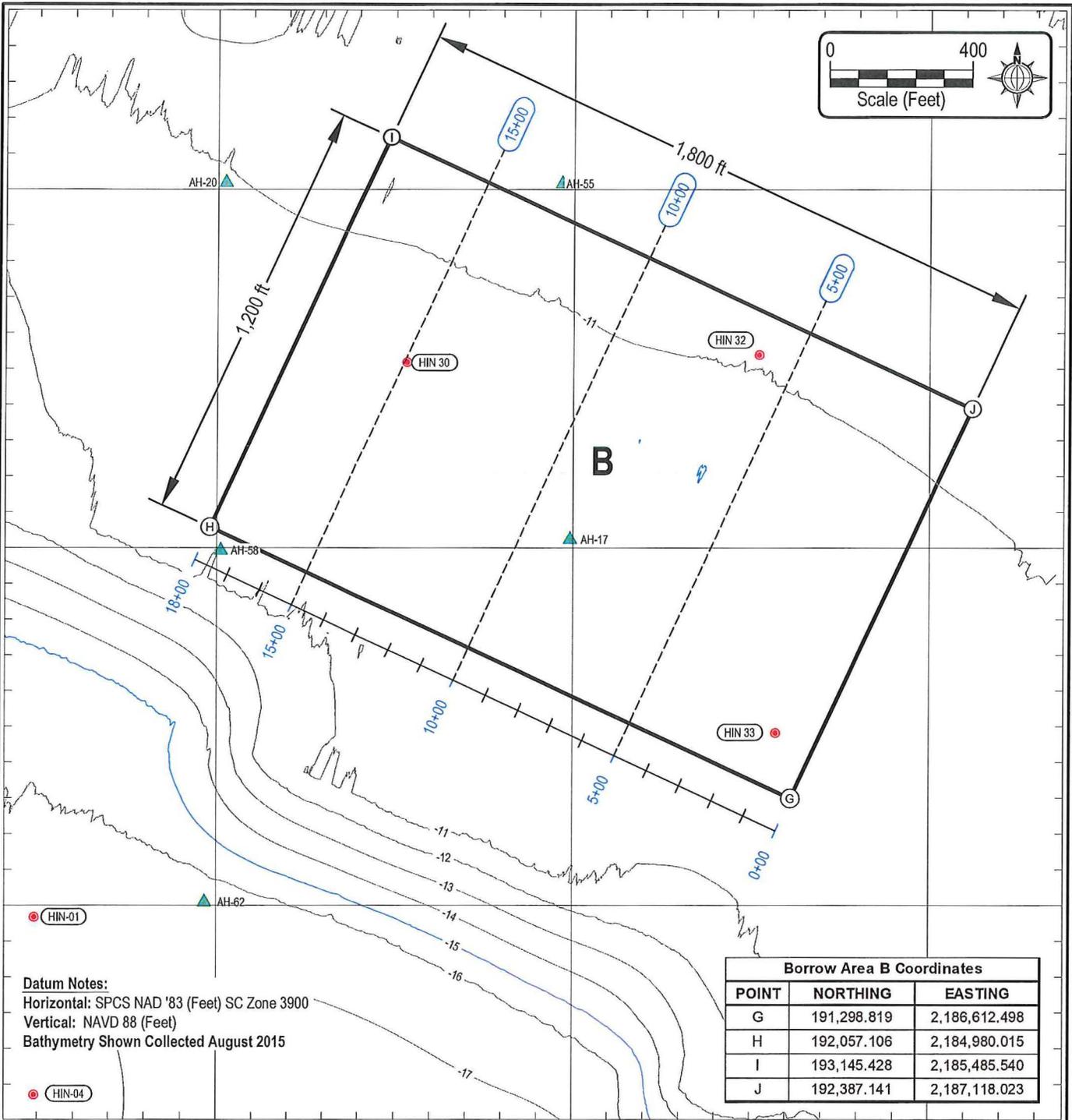
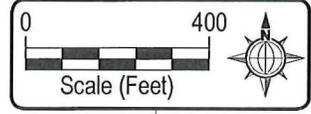
2186000 E

2187000 E

193000 N

192000 N

191000 N



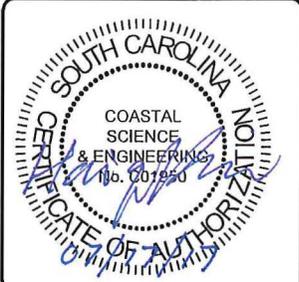
Datum Notes:
 Horizontal: SPCS NAD '83 (Feet) SC Zone 3900
 Vertical: NAVD 88 (Feet)
 Bathymetry Shown Collected August 2015

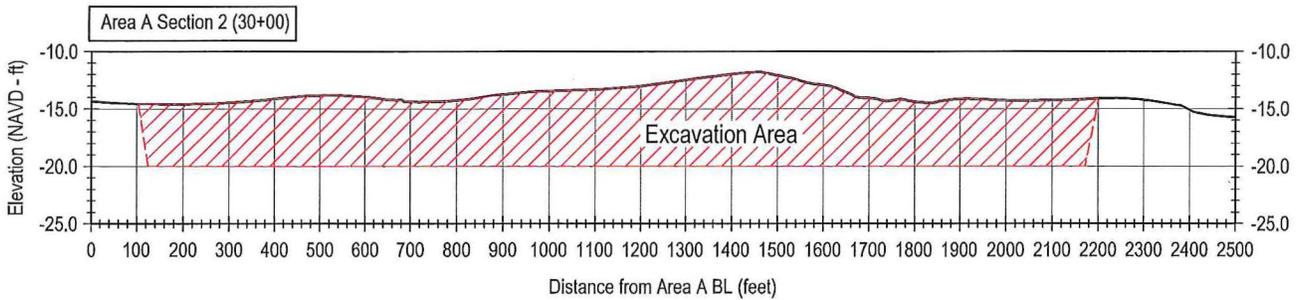
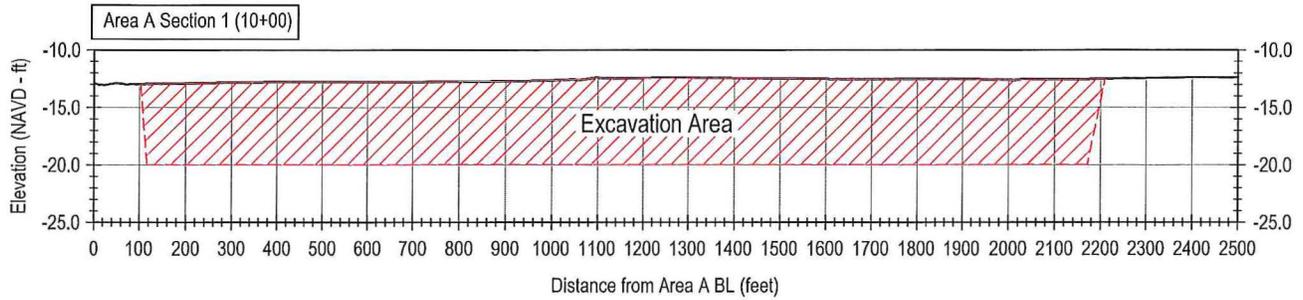
APPLICANT:
 The South Carolina Department of Parks,
 Recreation & Tourism (SCPRT)
 (Hunting Island State Park)

DRAWING TITLE:
BORROW AREA "B" PLAN

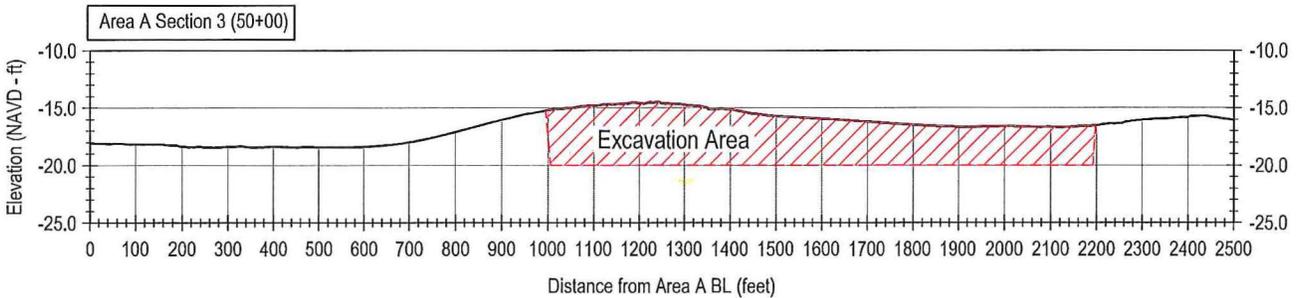
AGENT:
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Scale: As Shown Sheet #: 07 of 9
 Date: 17 July 2017
 Permit #
 Project #: 2445





Note: Typical Excavations to 8 ft below surface



Datum Notes:
 Horizontal: SPCS NAD '83 (Feet) SC Zone 3900
 Vertical: NAVD 88 (Feet)
 Bathymetry Shown Collected August 2015

APPLICANT:
 The South Carolina Department of Parks,
 Recreation & Tourism (SCPRT)
 (Hunting Island State Park)

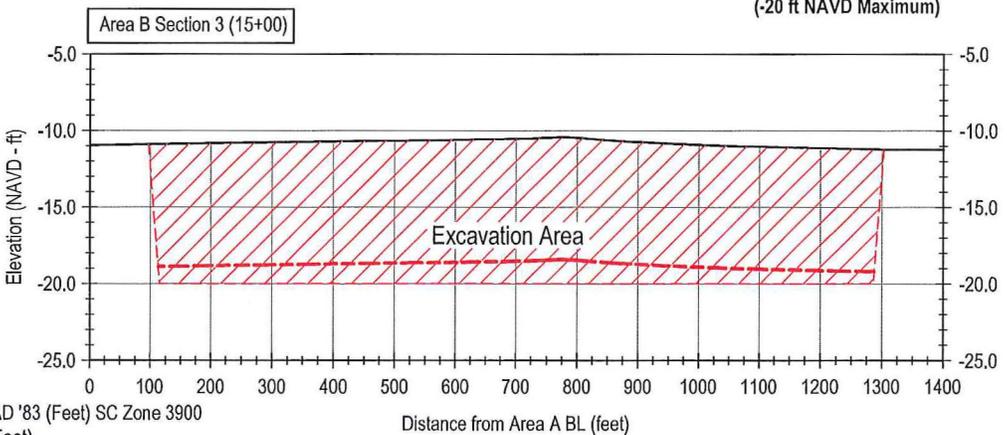
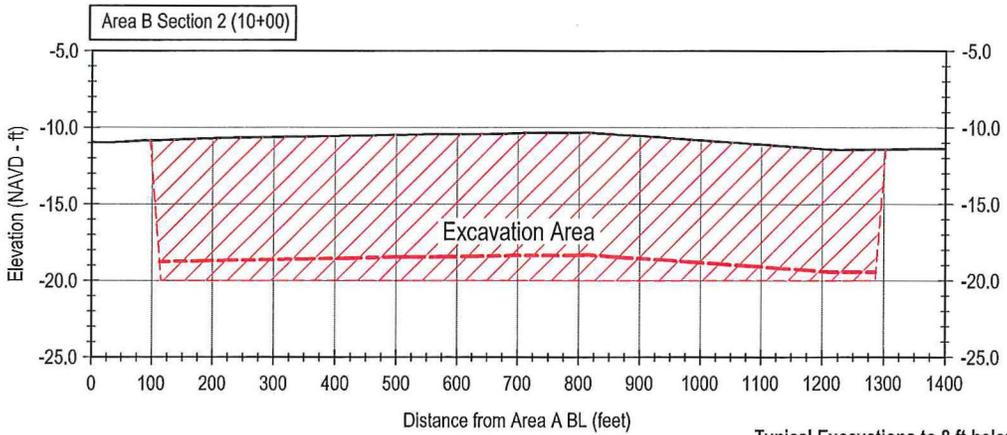
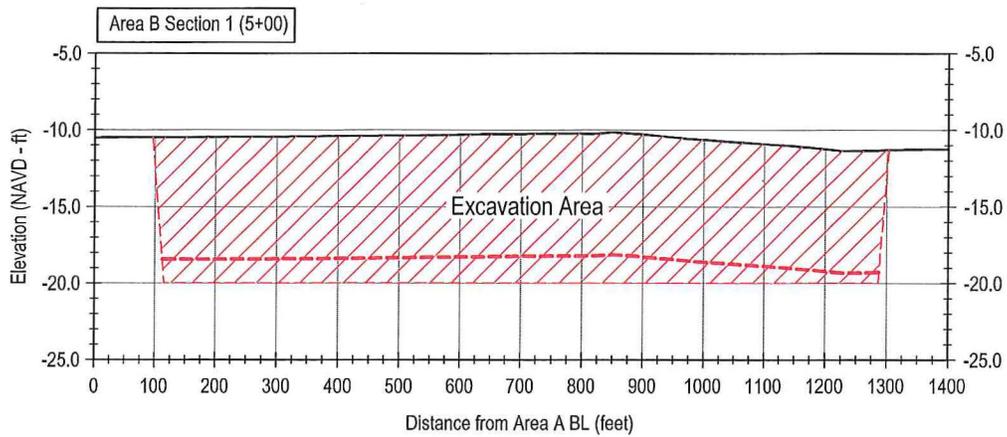
DRAWING TITLE:
BORROW AREA "A"
Excavation Sections



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 Coastal Science & Engineering
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 Columbia, SC 29202

Scale: As Shown
 Date: 17 July 2017
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Typical Excavations to 8 ft below surface
(-20 ft NAVD Maximum)

Datum Notes:
 Horizontal: SPCS NAD '83 (Feet) SC Zone 3900
 Vertical: NAVD 88 (Feet)
 Bathymetry Shown Collected August 2015

APPLICANT:
 The South Carolina Department of Parks,
 Recreation & Tourism (SCPRT)
 (Hunting Island State Park)

DRAWING TITLE:
BORROW AREA "B"
Excavation Sections



AGENT:
 Coastal Science & Engineering
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 Columbia, SC 29202

Scale: As Shown Sheet #: 09
 Date: 17 July 2017
 Permit #
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