

ATTACHMENT B  
Vicinity Map

GA DNR

MAR 02 2018

Marsh & Shore Mgt. Program



**DIRECTIONS:**

**From I-95 (Brunswick, GA 31523)**

- Take exit 36A to merge onto US-25 S/US-341 S toward Brunswick (5.2 mi)
- Slight right onto Bay St (0.2 mi)
- Continue onto Oglethorpe St (0.1 mi)
- Turn left onto Gloucester St (1.0 mi)
- Keep left to continue on Gloucester St/State Rte 25 Con
- Turn left onto Glynn Ave
- Turn right onto F J Torras Causeway (2.6 mi)
- Continue onto Torras Causeway (1.7 mi)
- Continue onto Kings Way
- Slight left onto Sea Island Rd (4.4 mi)
- Slight left onto Sea Island Dr
- Continue straight to stay on Sea Island Dr (0.3 mi)
- Turn right onto 1st St S
- Turn right toward Dune Ave
- Turn right onto Dune Ave (0.1 mi)

**Project Location**

Latitude: 31°11'14.0" N

Longitude: 81°20'20.0" W



**APPLICANT:**

Sea Island Acquisition, LLC  
 351 Sea Island Road  
 Saint Simons Island, Georgia 31522

**AGENT:**

Daniel H. Bucey - Resource & Land Consultants, LLC  
 41 Park of Commerce Way Suite 303  
 Savannah GA 31405

**DRAWING TITLE:**

**Vicinity Map**

**DRAFT**

Not For Construction

SCALE: AS SHOWN

DATE: 28 Feb 2018

TMS#

PROJECT #: 2473

SHEET #:

01

**ATTACHMENT C**  
**Permit Exhibits**



**GA DNR**

**MAR 02 2018**

Marsh & Shore Mgt. Program





**DIRECTIONS:**

**From I-95 (Brunswick, GA 31523)**

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- Slight left onto Sea Island Dr
- Continue straight to stay on Sea Island Dr (0.3 mi)
- Turn right onto 1st St S
- Turn right toward Dune Ave
- Turn right onto Dune Ave (0.1 mi)

**Project Location**

Latitude: 31°11'14.0" N

Longitude: 81°20'20.0" W



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 41 Park of Commerce Way Suite 303  
 Savannah GA 31405

**DRAWING TITLE:**

Vicinity Map

**DRAFT**

Not For Construction

SCALE: AS SHOWN

DATE: 28 Feb 2018

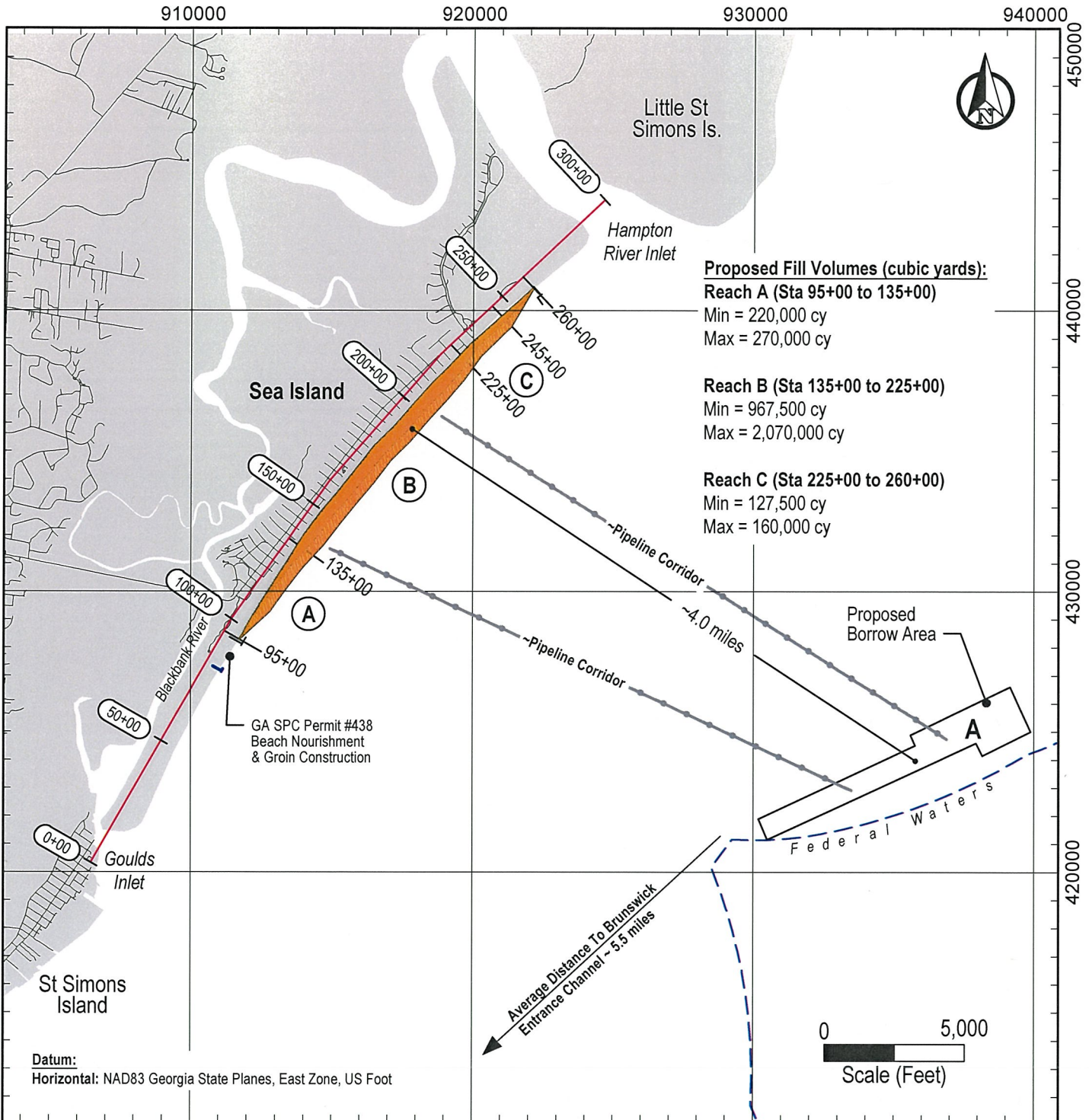
TMS#

PROJECT # 2473

SHEET #

01





**APPLICANT:**  
Sea Island Acquisition, LLC  
351 Sea Island Road  
Saint Simons Island, Georgia 31522

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MAR 02 2018  
Marsh & Shore Mgmt Program  
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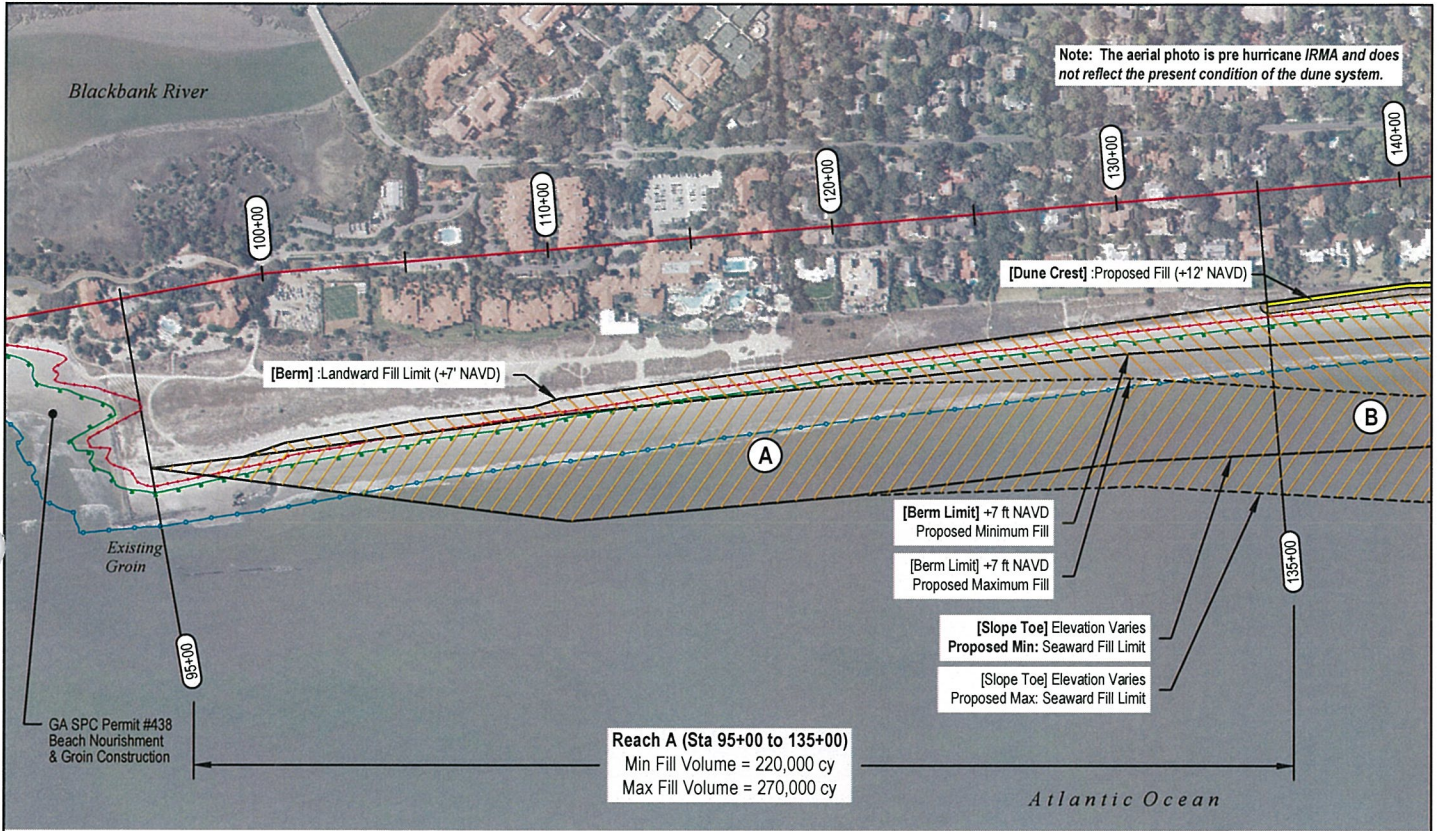
**DRAWING TITLE:**  
Overall Project Map

**AGENT:**  
Daniel H. Bucey - Resource & Land Consultants, LLC  
41 Park of Commerce Way Suite 303  
Savannah GA 31405

SCALE: AS SHOWN SHEET #  
DATE: 28 Feb 2018  
TMS#  
PROJECT #: 2473

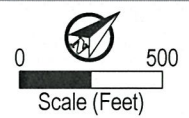
**02**





**Datum:**  
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot  
 Vertical: Feet NAVD  
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017  
 Photo Source: Sea Island Spring 2016

- OHWM (+4.89 ft NAVD)
- MHHW (+2.97 ft NAVD)
- MLLW (-4.20 ft NAVD)
- Proposed Dune Fill (+12 ft NAVD)
- Proposed Berm Fill (+7 ft NAVD)
- Proposed Slope Fill (Slope 1on25)



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 Sea Island Acquisition, LLC  
 351 Sea Island Road  
 Saint Simons Island, Georgia 31522

**AGENT:**  
 Daniel H. Bucey - Resource & Land Consultants, LLC  
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 Savannah GA 31405

**DRAWING TITLE:**  
 Project Plan  
**Reach A**  
 Sta 95+00 to 135+00

Scale:	As Shown	Sheet #:	<b>03</b>
Date:	28 Feb 2018		
Permit #			
Project #	2473		

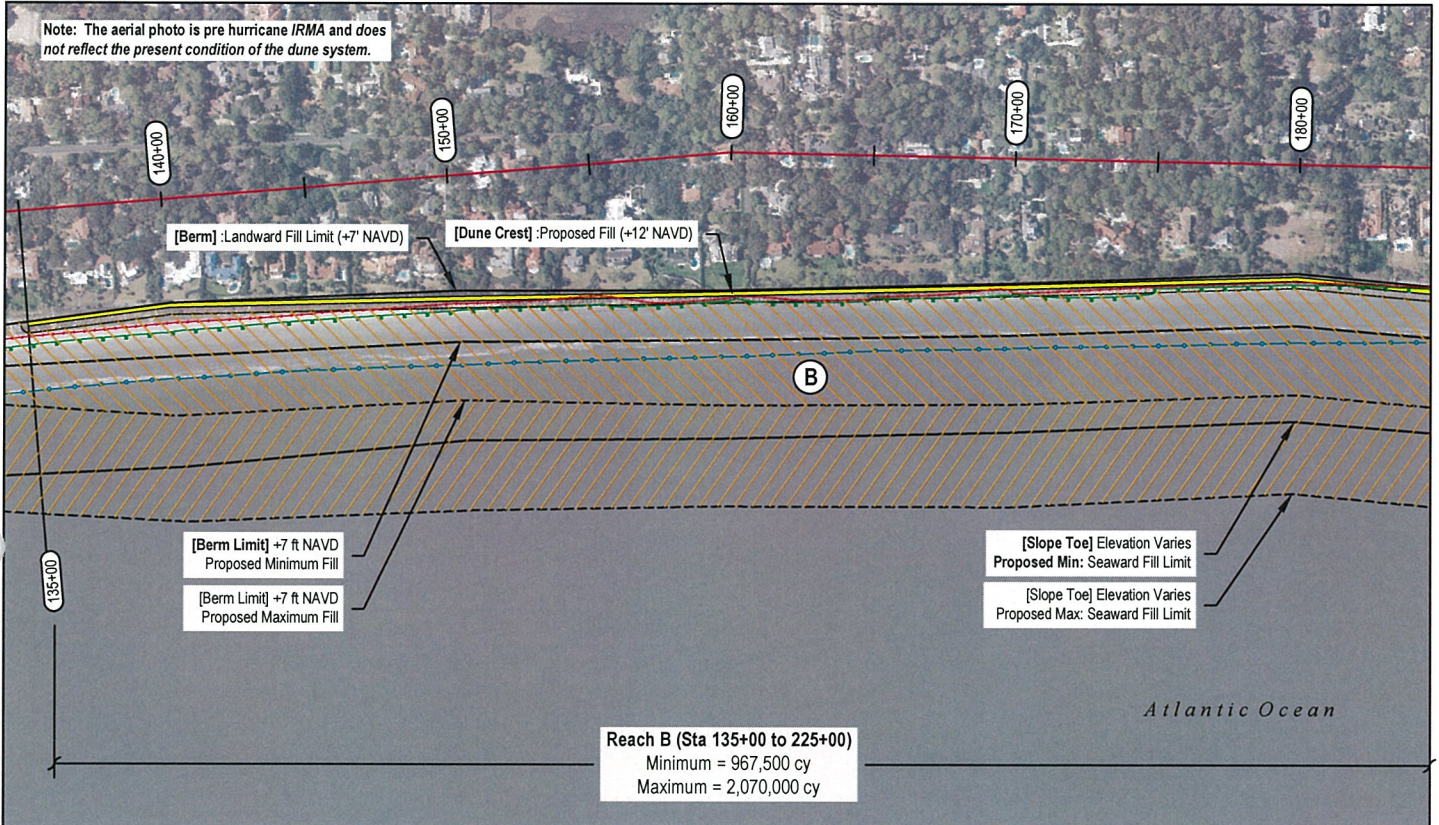
**GA DNR**

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Note: The aerial photo is pre hurricane IRMA and does not reflect the present condition of the dune system.



**Datum:**

Horizontal: NAD83 Georgia State Planes, East Zone, US Foot

Vertical: Feet NAVD

Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

Photo Source: Sea Island Spring 2016

OHWM (+4.89 ft NAVD)

MHHW (+2.97 ft NAVD)

MLLW (-4.20 ft NAVD)

Proposed Dune Fill (+12 ft NAVD)

Proposed Berm Fill (+7 ft NAVD)

Proposed Slope Fill (Slope 1on25)



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Savannah GA 31405

**DRAWING TITLE:**  
Project Plan  
**Reach B**  
Sta 135+00 to 180+00

Scale: As Shown Sheet #: **04**  
Date: 28 Feb 2018  
Permit #  
Project #: 2473

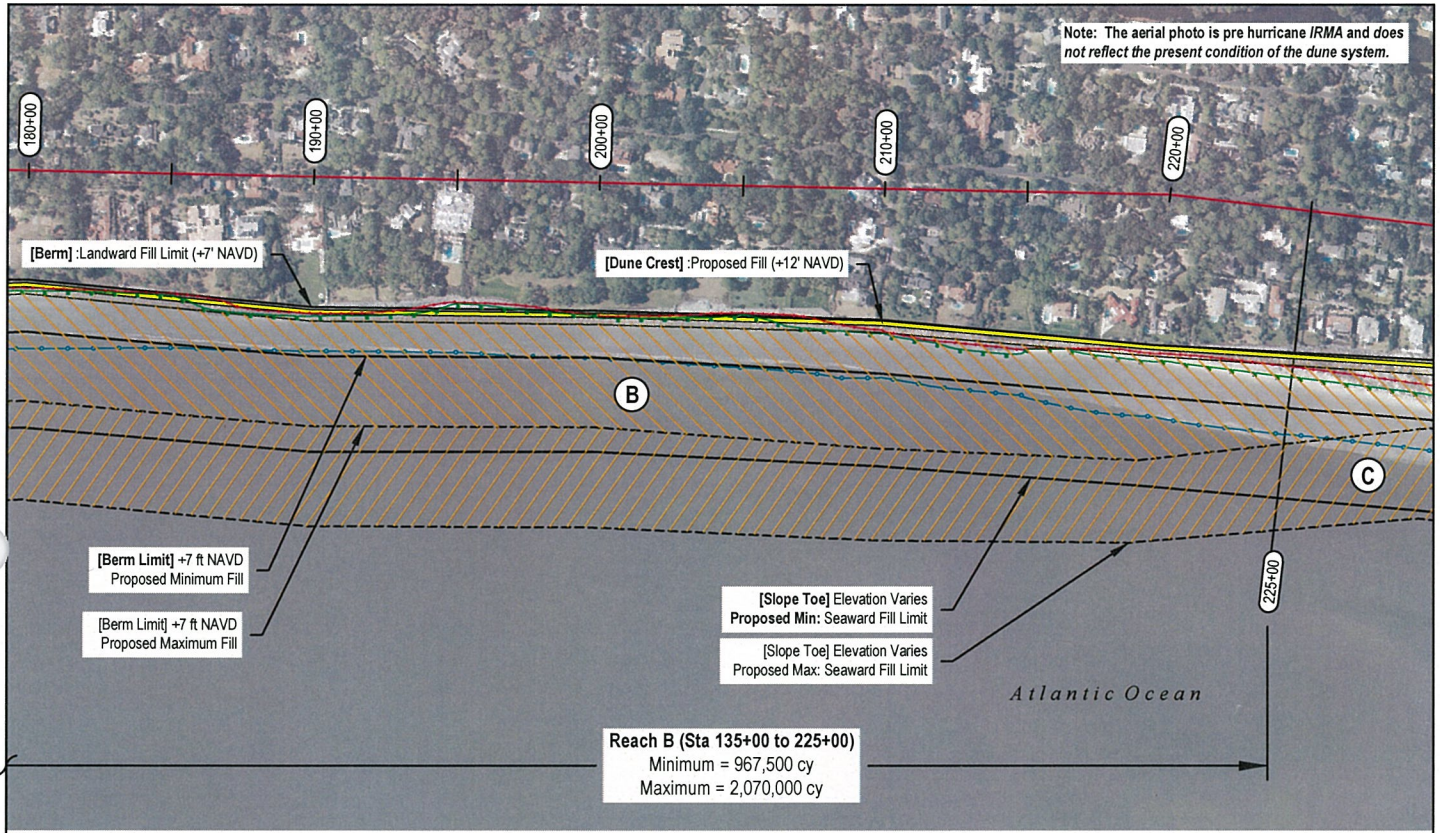
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MAR 02 2018

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Note: The aerial photo is pre hurricane IRMA and does not reflect the present condition of the dune system.



**Datum:**  
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot  
 Vertical: Feet NAVD  
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017  
 Photo Source: Sea Island Spring 2016

OHWM (+4.89 ft NAVD)  
 MHHW (+2.97 ft NAVD)  
 MLLW (-4.20 ft NAVD)

Proposed Dune Fill (+12 ft NAVD)  
 Proposed Berm Fill (+7 ft NAVD)  
 Proposed Slope Fill (Slope 1on25)



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 Savannah GA 31405

**DRAWING TITLE:**  
 Project Plan  
**Reach B**  
 Sta 180+00 to 225+00

Scale: As Shown  
 Date: 28 Feb 2018  
 Permit #  
 Project #: 2473

Sheet #  
 05

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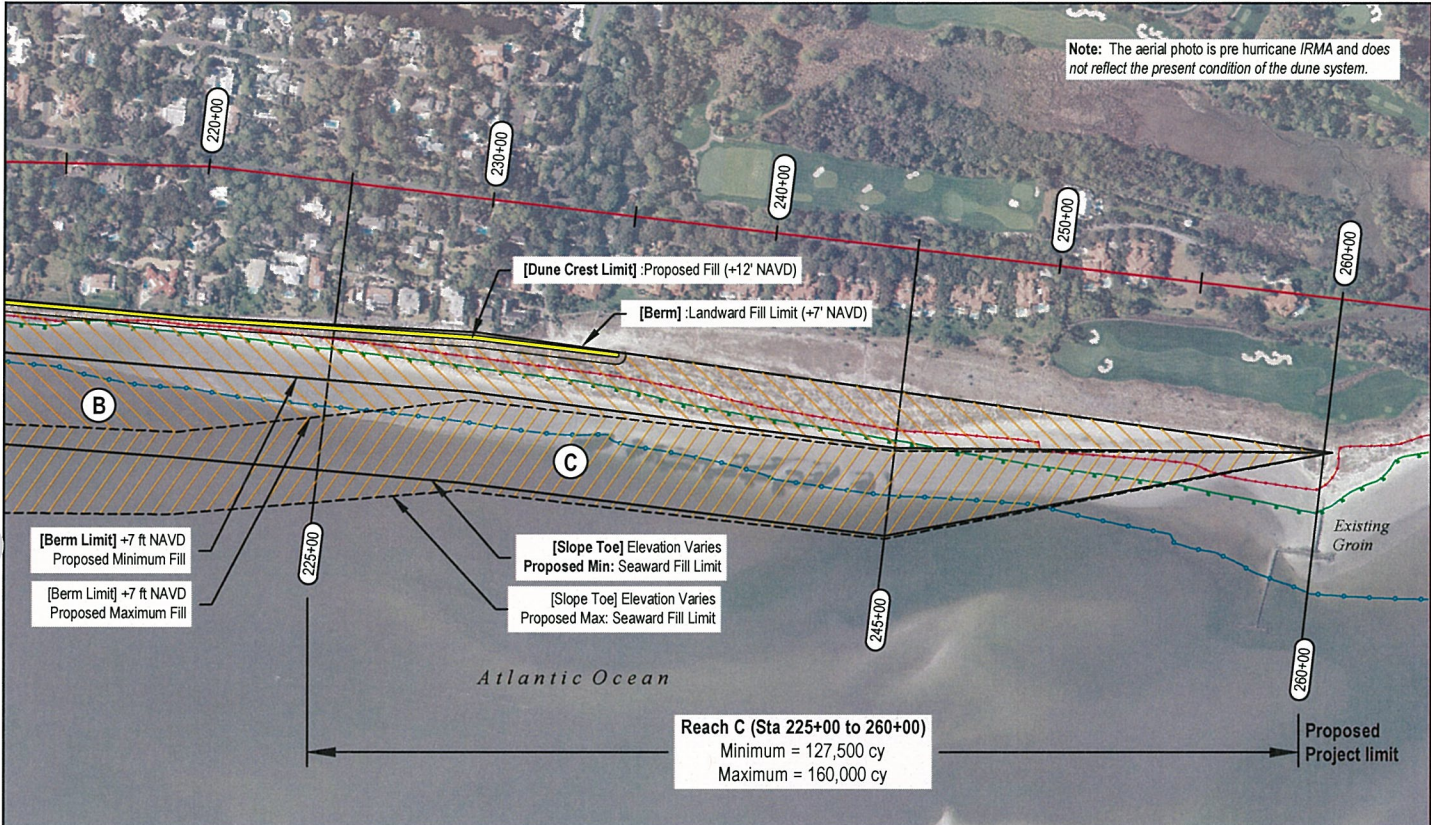
GA DNR

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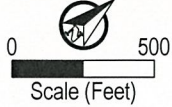
Note: The aerial photo is pre hurricane IRMA and does not reflect the present condition of the dune system.



**Reach C (Sta 225+00 to 260+00)**  
 Minimum = 127,500 cy  
 Maximum = 160,000 cy

**Datum:**  
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot  
 Vertical: Feet NAVD  
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017  
 Photo Source: Sea Island Spring 2016

- OHHW (+4.89 ft NAVD)
- MHHW (+2.97 ft NAVD)
- MLLW (-4.20 ft NAVD)
- Proposed Dune Fill (+12 ft NAVD)
- Proposed Berm Fill (+7 ft NAVD)
- Proposed Slope Fill (Slope 1on25)



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**DRAWING TITLE:**  
 Project Plan  
 Reach C  
 Sta 225+00 to 260+00

Scale:	As Shown	Sheet #:
Date:	28 Feb 2018	06
Permit #		
Project #:	2473	

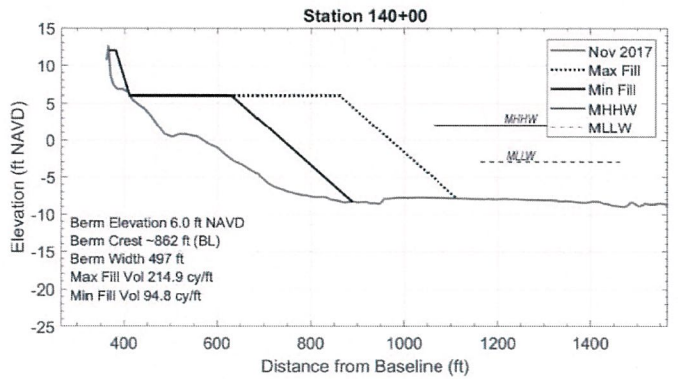
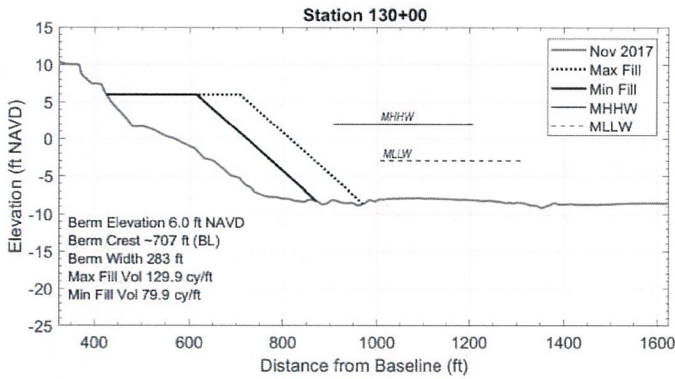
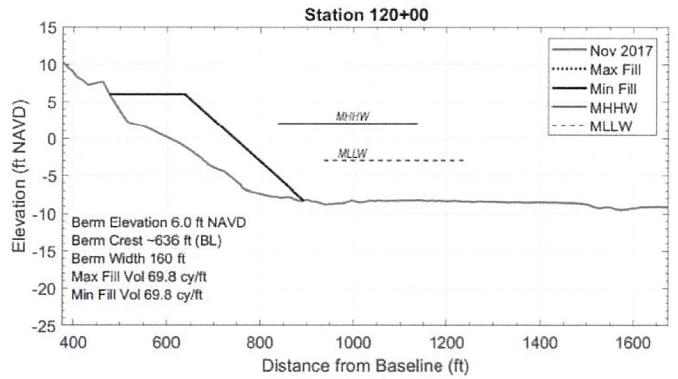
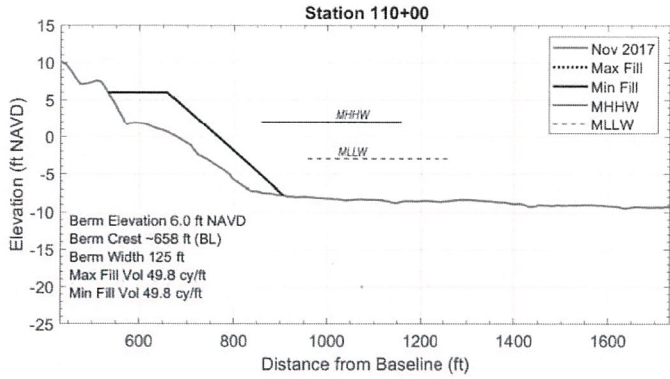
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**Datum:**  
**Verticle:** Feet NAVD  
**Data Source:** CSE Bathymetry collected via trimble RTK GPS April 2017

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 Daniel H. Bucey - Resource & Land Consultants, LLC  
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 Savannah GA 31405

**DRAWING TITLE:**  
 Proposed Fill Sections  
 Sta 110+00 to 140+00

Scale:	As Shown	Sheet #:	07
Date:	28 Feb 2018		
Permit #			
Project #	2473		

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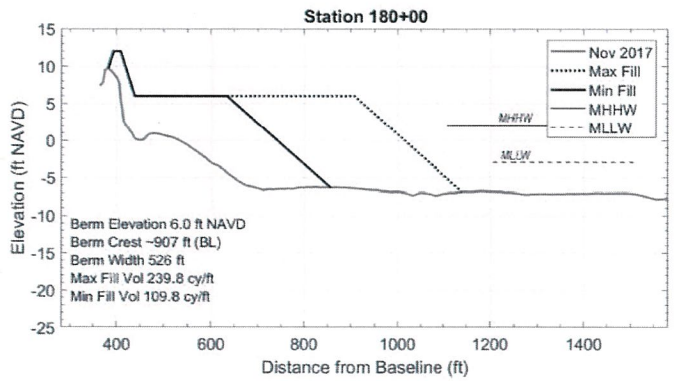
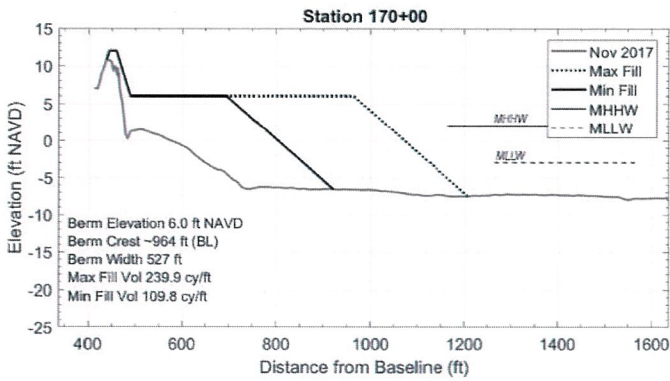
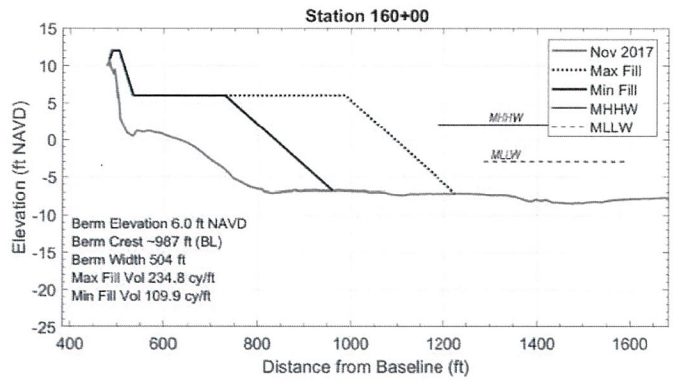
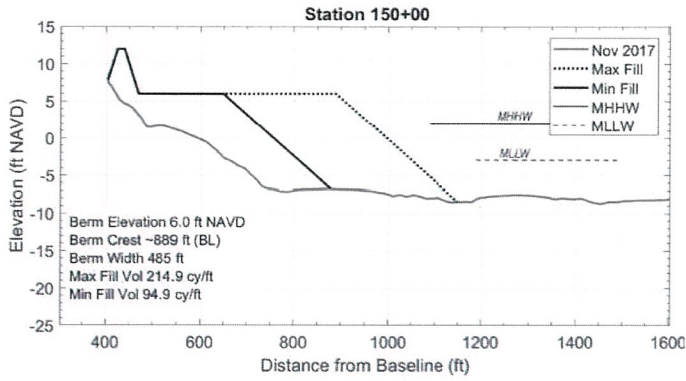


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**Datum:**  
**Vertical:** Feet NAVD  
**Data Source:** CSE Bathymetry collected via trimble RTK GPS April 2017

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 Savannah GA 31405

**DRAWING TITLE:**  
 Proposed Fill Sections  
 Sta 150+00 to 180+00

Scale:	As Shown	Sheet #:	<b>08</b>
Date:	28 Feb 2018		
Perm #			
Project #	2473		

**DRAFT**

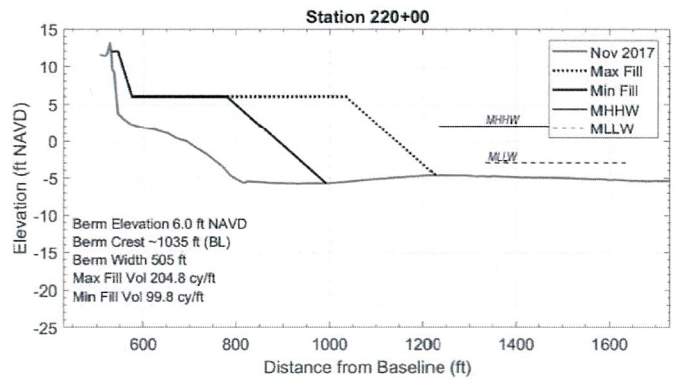
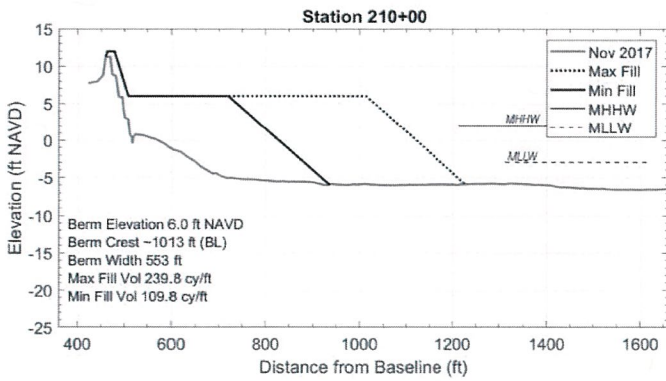
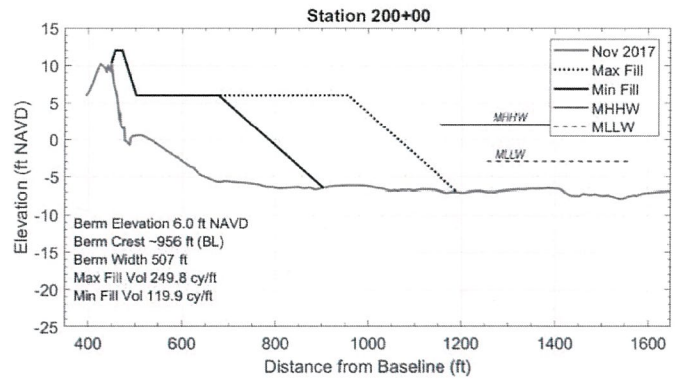
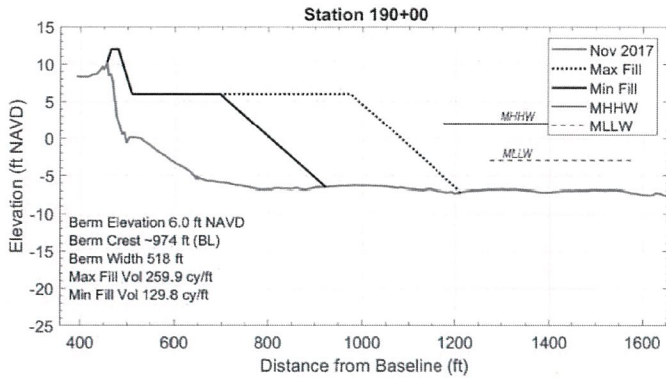
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**Datum:**  
Vertical: Feet NAVD  
Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

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351 Sea Island Road  
Saint Simons Island, Georgia 31522

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Daniel H. Bucey - Resource & Land Consultants, LLC  
41 Park of Commerce Way Suite 303  
Savannah GA 31405

**DRAWING TITLE:**  
Proposed Fill Sections  
Sta 190+00 to 220+00

Scale:	As Shown	Sheet #
Date:	28 Feb 2018	09
Permit #		
Project #	2473	

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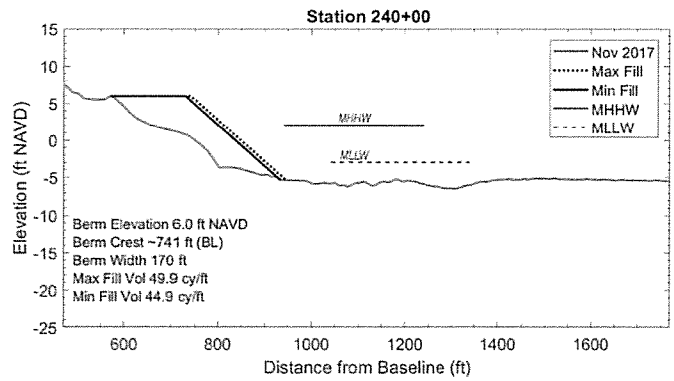
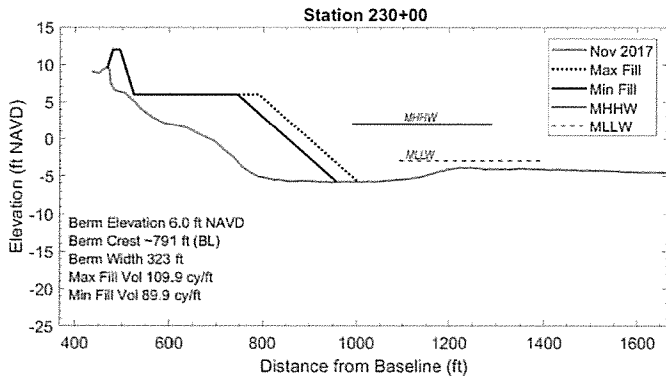


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**Datum:**  
 Vertical: Feet NAVD  
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

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 Daniel H. Bucey - Resource & Land Consultants, LLC  
 41 Park of Commerce Way Suite 303  
 Savannah GA 31405

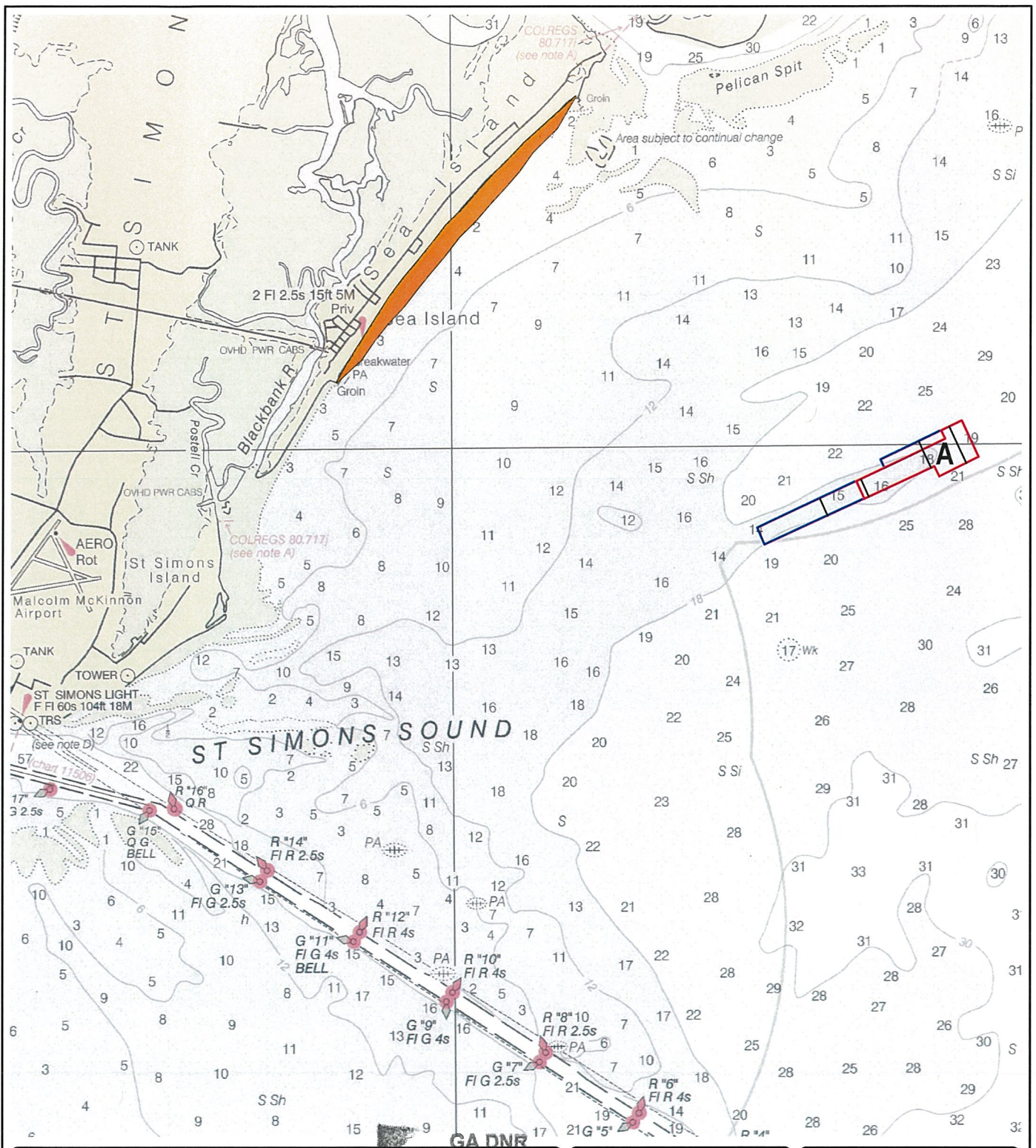
**DRAWING TITLE:**  
 Proposed Fill Sections  
 Sta 230+00 to 240+00

Scale:	As Shown	Sheet #:	<b>10</b>
Date:	28 Feb 2018		
Permit #			
Project #:	2473		

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**APPLICANT:**  
 Sea Island Acquisition, LLC  
 351 Sea Island Road  
 Saint Simons Island, Georgia 31522

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**DRAWING TITLE:**  
 Area Bathymetry  
 NOAA Map 11502

**AGENT:**  
 Daniel H. Bucey - Resource & Land Consultants, LLC  
 41 Park of Commerce Way Suite 303  
 Savannah GA 31405

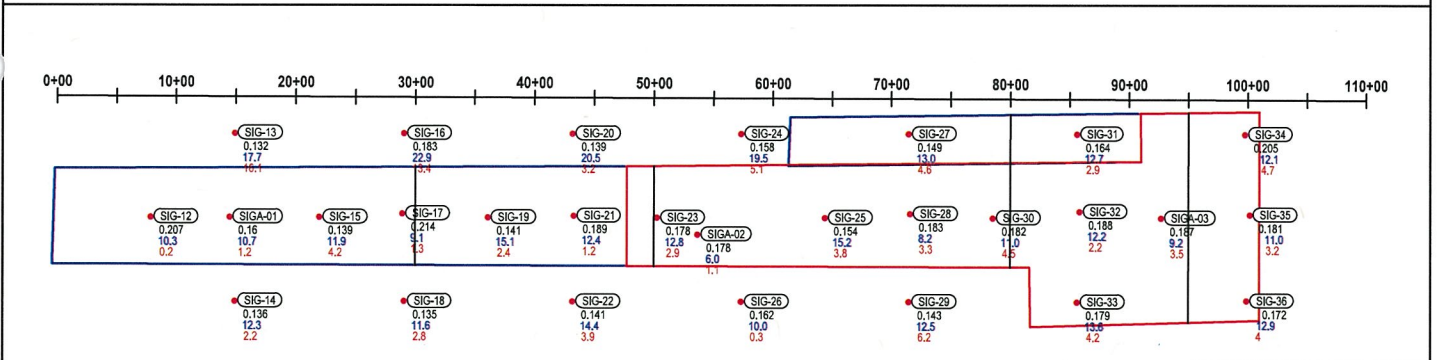
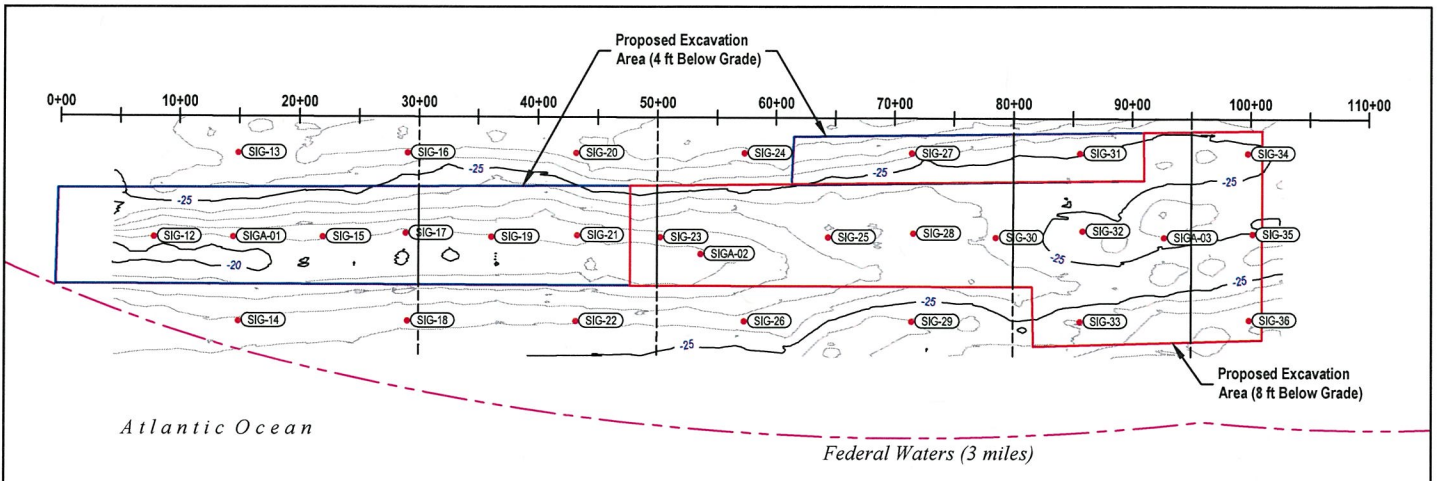
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 DATE: 28 Feb 2018  
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 PROJECT #: 2473

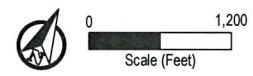
SHEET #:  
 11





**Datum:**  
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot  
 Vertical: Feet NAVD  
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

**Core Key**  
 Mean Grain Size (mm)  
 Percent Shell  
 Percent Mud



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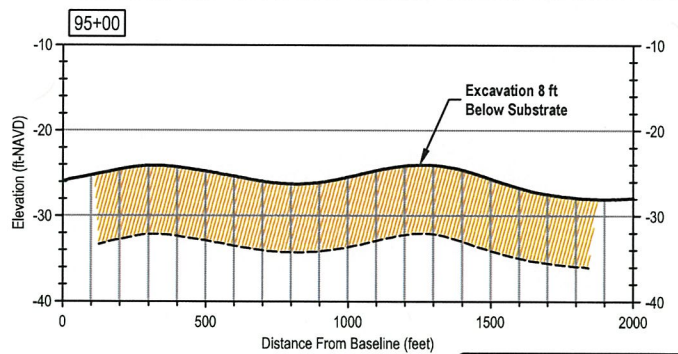
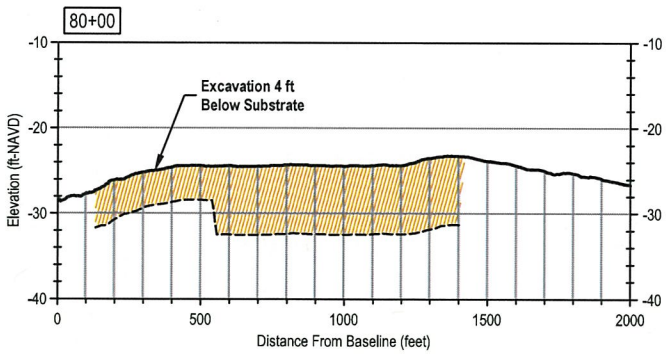
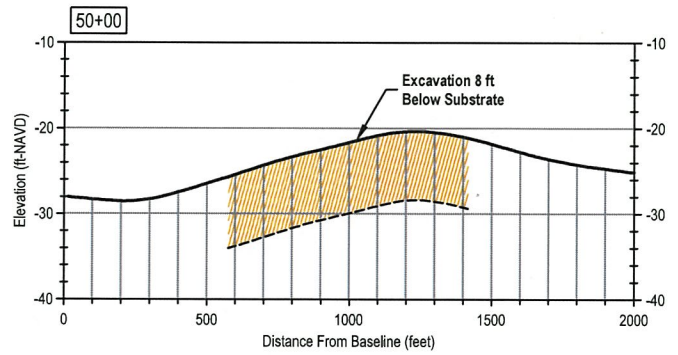
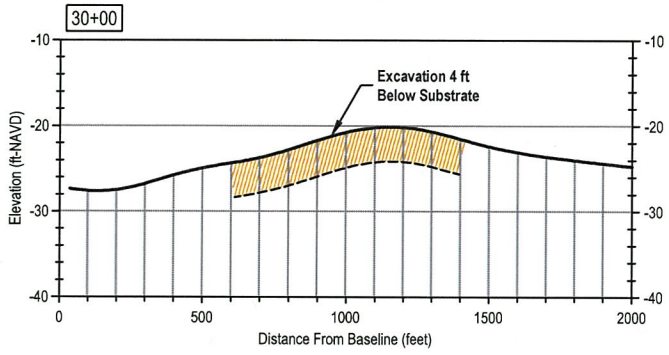
**DRAWING TITLE:**  
 Borrow Area Bathymetry  
 & Geotechnical Data

Scale:	As Shown	Sheet #
Date:	28 Feb 2018	12
Permit #		
Project #	2473	

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**Datum:**  
 Horizontal: NAD83 Georgia State Planes, East Zone, US Foot  
 Vertical: Feet NAVD  
 Vertical Exaggeration: 30  
 Data Source: CSE Bathymetry collected via trimble RTK GPS April 2017

**APPLICANT:**  
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 351 Sea Island Road  
 Saint Simons Island, Georgia 31522

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 Daniel H. Bucey - Resource & Land Consultants, LLC  
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 Savannah GA 31405

**DRAWING TITLE:**  
 Proposed Borrow Area  
 Excavation Sections

Scale:	As Shown	Sheet #:
Date:	28 Feb 2018	<b>13</b>
Permit #:		
Project #:	2473	

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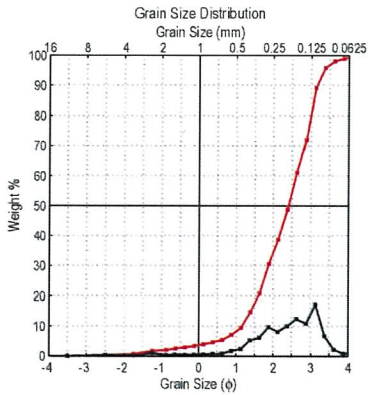
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Project 2473  
 Location Sea Island, GA  
 Date Apr 2017

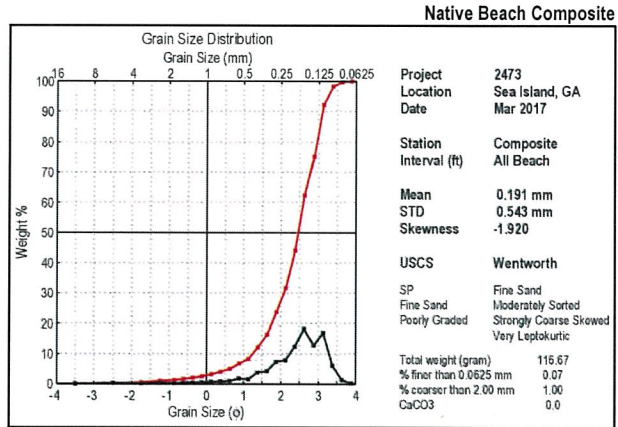
Station 4 ft Comp  
 Interval (ft) 0-4

Mean 0.198 mm  
 STD 0.505 mm  
 Skewness -1.537

USCS Wentworth

SP Fine Sand  
 Fine Sand Moderately Sorted  
 Poorly Graded Strongly Coarse Skewed  
 Leptokurtic

Total weight (gram) 2217.69  
 % finer than 0.0625 mm 1.11  
 % coarser than 2.00 mm 1.68  
 CaCO3 0.0



Project 2473  
 Location Sea Island, GA  
 Date Mar 2017

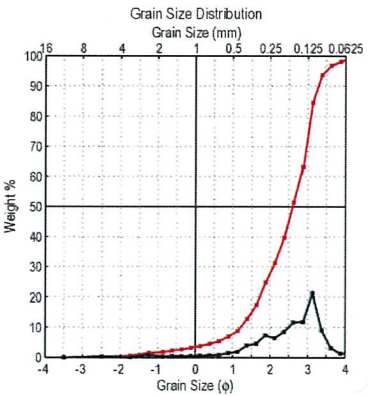
Station Composite  
 Interval (ft) All Beach

Mean 0.191 mm  
 STD 0.543 mm  
 Skewness -1.920

USCS Wentworth

SP Fine Sand  
 Fine Sand Moderately Sorted  
 Poorly Graded Strongly Coarse Skewed  
 Very Leptokurtic

Total weight (gram) 116.67  
 % finer than 0.0625 mm 0.07  
 % coarser than 2.00 mm 1.00  
 CaCO3 0.0



Project 2473  
 Location Sea Island, GA  
 Date Apr 2017

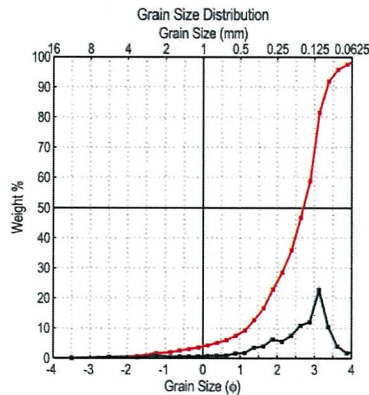
Station 6 ft Comp  
 Interval (ft) 0-6

Mean 0.179 mm  
 STD 0.501 mm  
 Skewness -1.618

USCS Wentworth

SP Fine Sand  
 Fine Sand Moderately Sorted  
 Poorly Graded Strongly Coarse Skewed  
 Leptokurtic

Total weight (gram) 2216.26  
 % finer than 0.0625 mm 1.82  
 % coarser than 2.00 mm 1.48  
 CaCO3 0.0



Project 2473  
 Location Sea Island, GA  
 Date Apr 2017

Station 8 ft Comp  
 Interval (ft) 0-8

Mean 0.172 mm  
 STD 0.489 mm  
 Skewness -1.660

USCS Wentworth

SP Fine Sand  
 Fine Sand Poorly Sorted  
 Poorly Graded Strongly Coarse Skewed  
 Leptokurtic

Total weight (gram) 2215.18  
 % finer than 0.0625 mm 2.46  
 % coarser than 2.00 mm 1.52  
 CaCO3 0.0

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DRAWING TITLE:  
 Geotechnical Data  
 Grain Size Distributions

Scale: As Shown Sheet #  
 Date: 28 Feb 2018  
 Permit #  
 Project #: 2473

14

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