



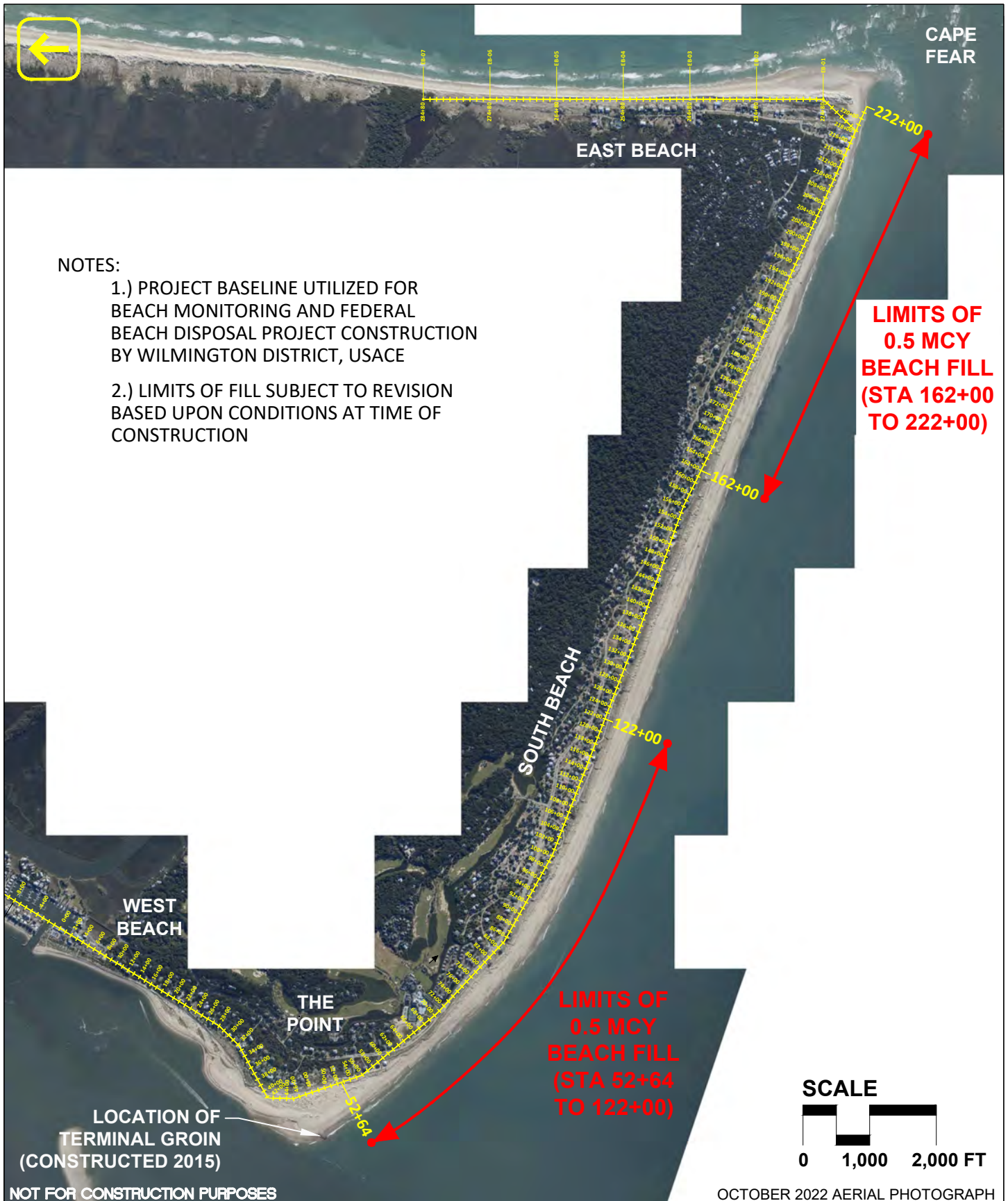
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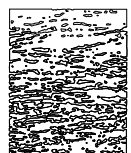
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VILLAGE OF BALD HEAD ISLAND
BEACH RENOURISHMENT PROJECT
PROJECT LOCATION

DATE	APPROVED	REVISION	DATE:
7/13/2023	EJO	Add Oak Is. Borrow Site	4/13/2023
			DRAWN BY: WAH
			SHEET 1 of 9



OCTOBER 2022 AERIAL PHOTOGRAPH



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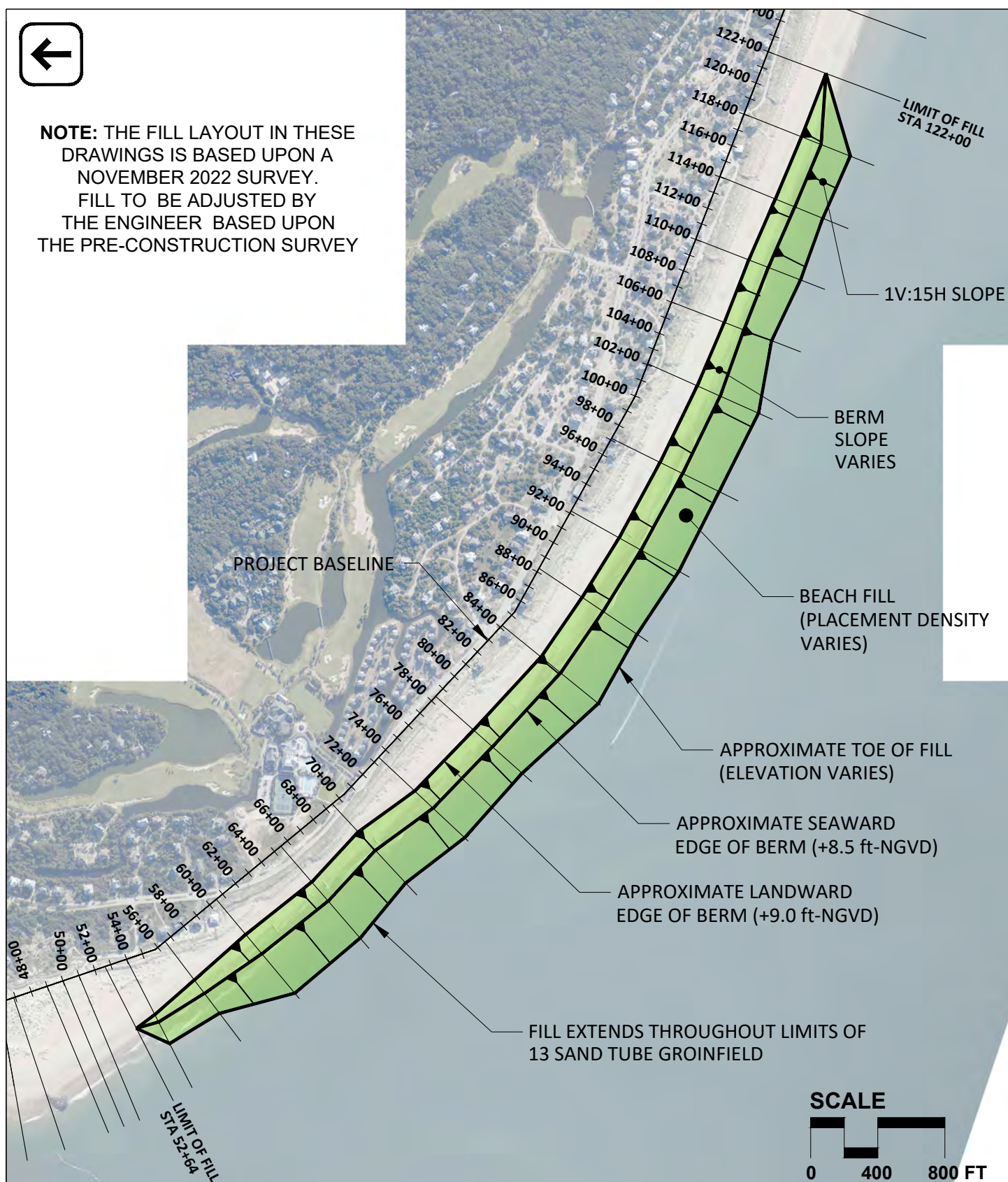
VILLAGE OF BALD HEAD ISLAND BEACH RENOURISHMENT PROJECT

PROJECT BASELINE & LIMITS OF BEACH FILL

DATE	APPROVED	REVISION	
			4/13/2023
			WAH
			SHEET 2 of 9

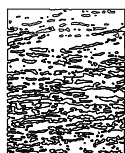


NOTE: THE FILL LAYOUT IN THESE DRAWINGS IS BASED UPON A NOVEMBER 2022 SURVEY.
FILL TO BE ADJUSTED BY THE ENGINEER BASED UPON THE PRE-CONSTRUCTION SURVEY



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OCTOBER 2022 AERIAL PHOTOGRAPH



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VILLAGE OF BALD HEAD ISLAND
BEACH RENOURISHMENT PROJECT

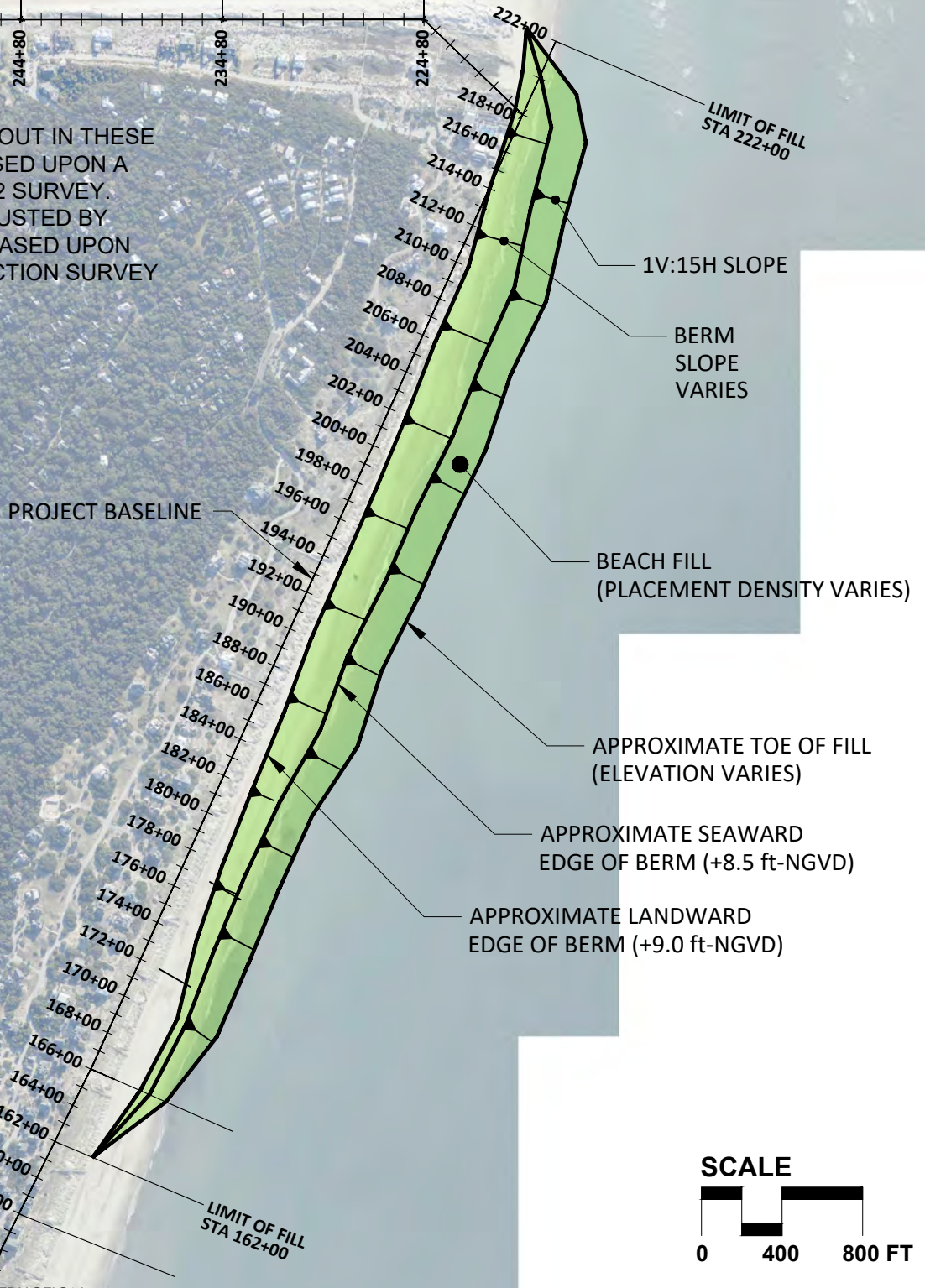
**BEACH FILL
WESTERN SOUTH BEACH**

DATE	APPROVED	REVISION

4/13/2023
WAH
SHEET 3 of 9



NOTE: THE FILL LAYOUT IN THESE DRAWINGS IS BASED UPON A NOVEMBER 2022 SURVEY. FILL TO BE ADJUSTED BY THE ENGINEER BASED UPON THE PRE-CONSTRUCTION SURVEY



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OCTOBER 2022 AERIAL PHOTOGRAPH

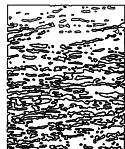


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**VILLAGE OF BALD HEAD ISLAND
BEACH RENOURISHMENT PROJECT**

**BEACH FILL
EASTERN SOUTH BEACH**

DATE	APPROVED	REVISION	
			4/13/2023
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VILLAGE OF BALD HEAD ISLAND
BEACH RENOURISHMENT PROJECT

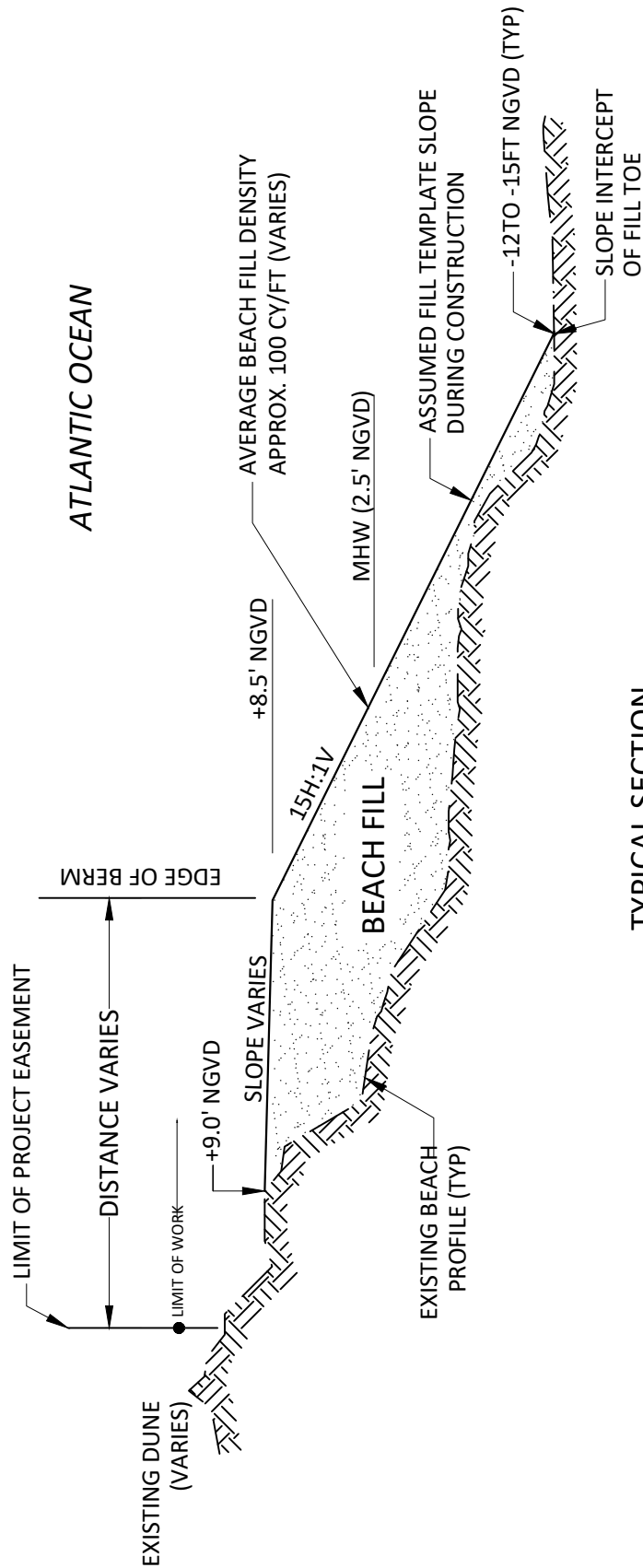
**BEACH FILL
TYPICAL SECTIONS**

DATE	APPROVED	REVISION

4/13/2023

WAH

SHEET
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TYPICAL SECTION

LOCAL TIDAL DATUMS (FT-NAVD)

MHHW +2.8
MHW +2.5
NAVD +1.1
NGVD(29) 0.0
MLW -1.8
MLLW -2.0

NOTE:
FILL DENSITY TO VARY SPATIALLY
DEPENDING ON CONDITION OF
BEACH AT TIME OF
CONSTRUCTION.

VERTICAL DATUM: NGVD 29



48,000 N

2,292,000 E

2,296,000 E

2,300,000 E

**Proposed Borrow Site
Expansion Area
72.8 acres (Yellow)**

**Permitted Jay Bird Shoals
Borrow Site Limits
225.6 acres (Purple)
Previously Dredged**

44,000 N

40,000 N

36,000 N

SCALE



Cape Fear River

**BALD
HEAD
ISLAND**

Federal Navigation Channel

**May 2022 Survey
October 2022 Photography**



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**VILLAGE OF BALD HEAD ISLAND
BEACH RENOURISHMENT PROJECT
JAY BIRD SHOALS BORROW SITE**

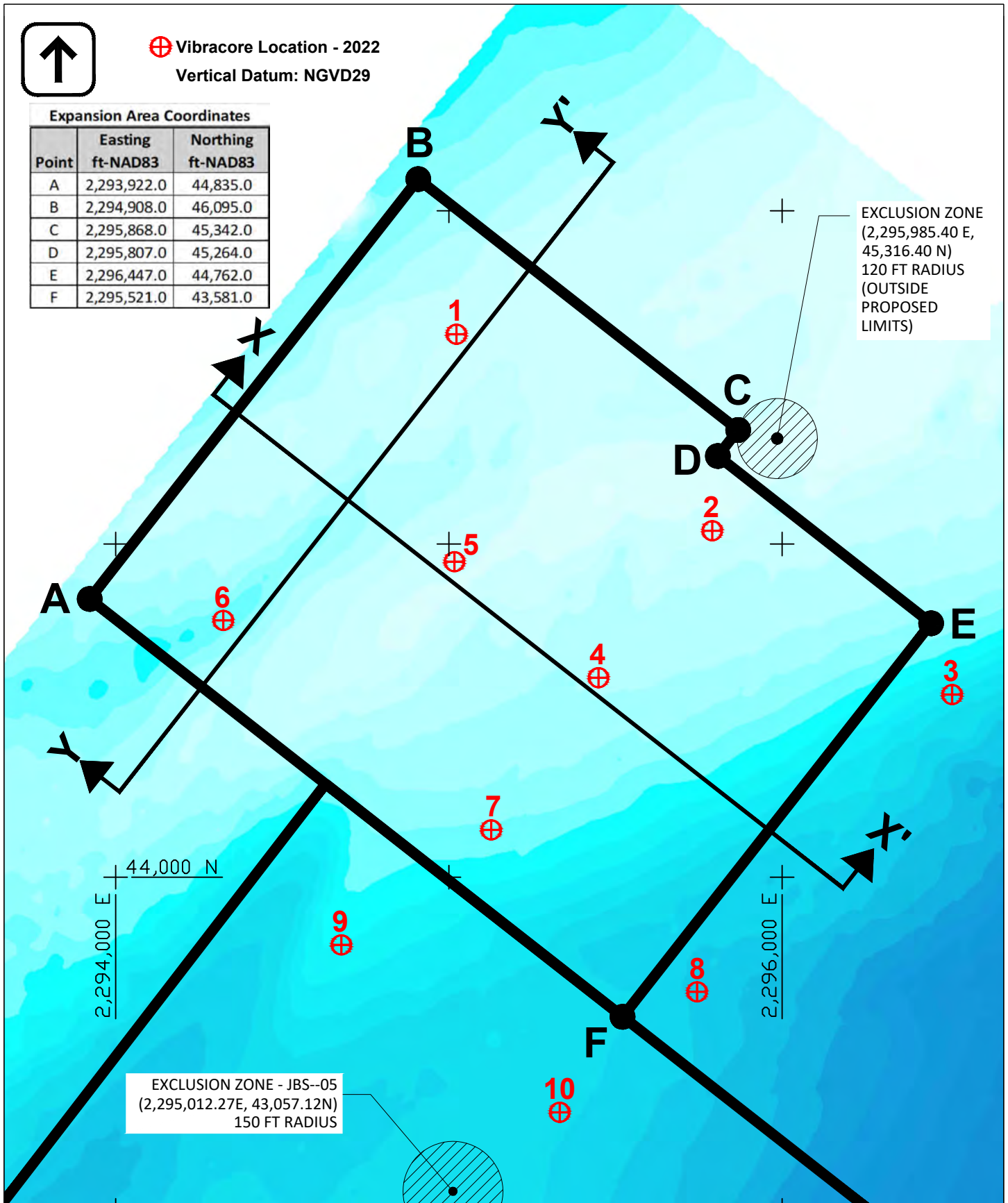
DATE	APPROVED	REVISION
		4/13/2023
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		SHEET 6 of 9



⊕ Vibracore Location - 2022
Vertical Datum: NGVD29

Expansion Area Coordinates

Point	Easting ft-NAD83	Northing ft-NAD83
A	2,293,922.0	44,835.0
B	2,294,908.0	46,095.0
C	2,295,868.0	45,342.0
D	2,295,807.0	45,264.0
E	2,296,447.0	44,762.0
F	2,295,521.0	43,581.0



EXCLUSION ZONE
(2,295,985.40 E,
45,316.40 N)
120 FT RADIUS
(OUTSIDE
PROPOSED
LIMITS)

EXCLUSION ZONE - JBS--05
(2,295,012.27E, 43,057.12N)
150 FT RADIUS



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VILLAGE OF BALD HEAD ISLAND
BEACH RENOURISHMENT PROJECT
**JAY BIRD SHOALS BORROW SITE
EXPANSION AREA**

DATE APPROVED REVISION

4/13/2023

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VILLAGE OF BALD HEAD ISLAND
BEACH RENOURISHMENT PROJECT

**JAY BIRD SHOALS BORROW SITE
EXPANSION AREA - SECTIONS**

DATE	APPROVED	REVISION

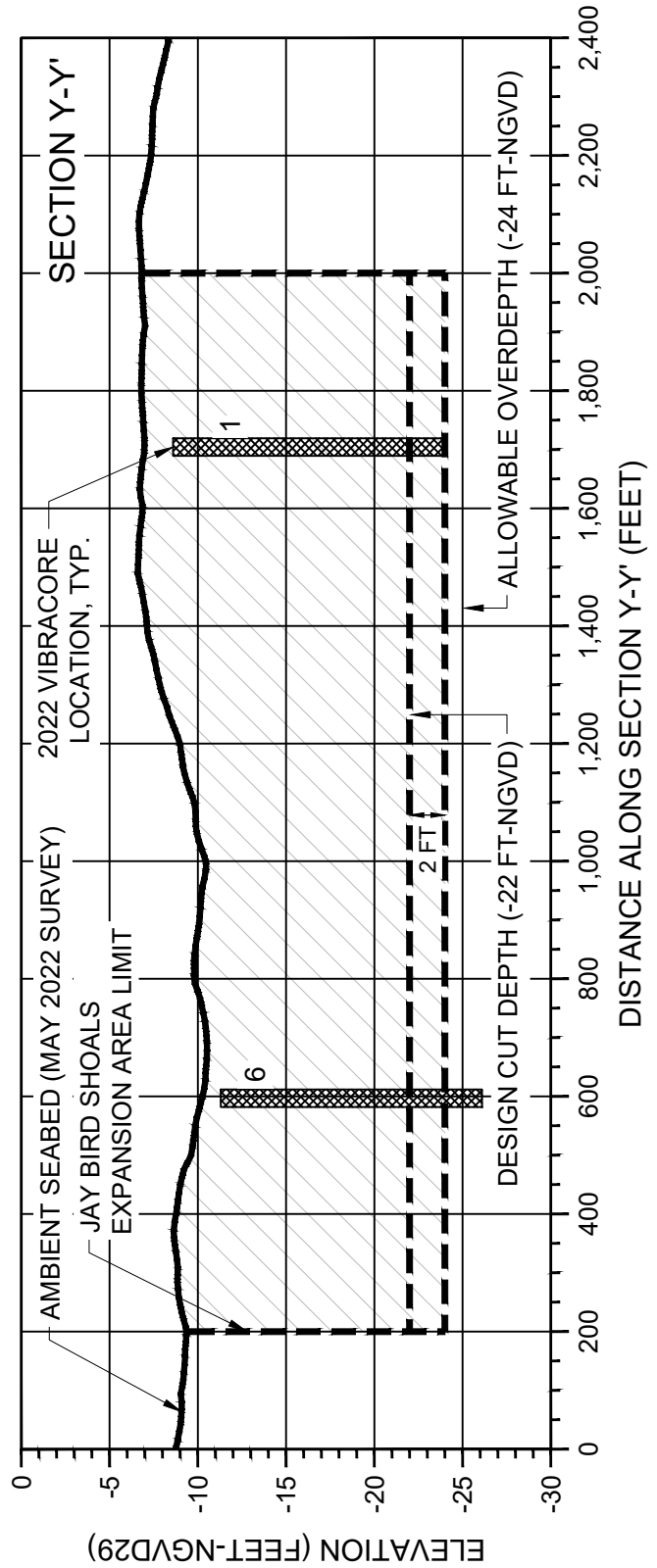
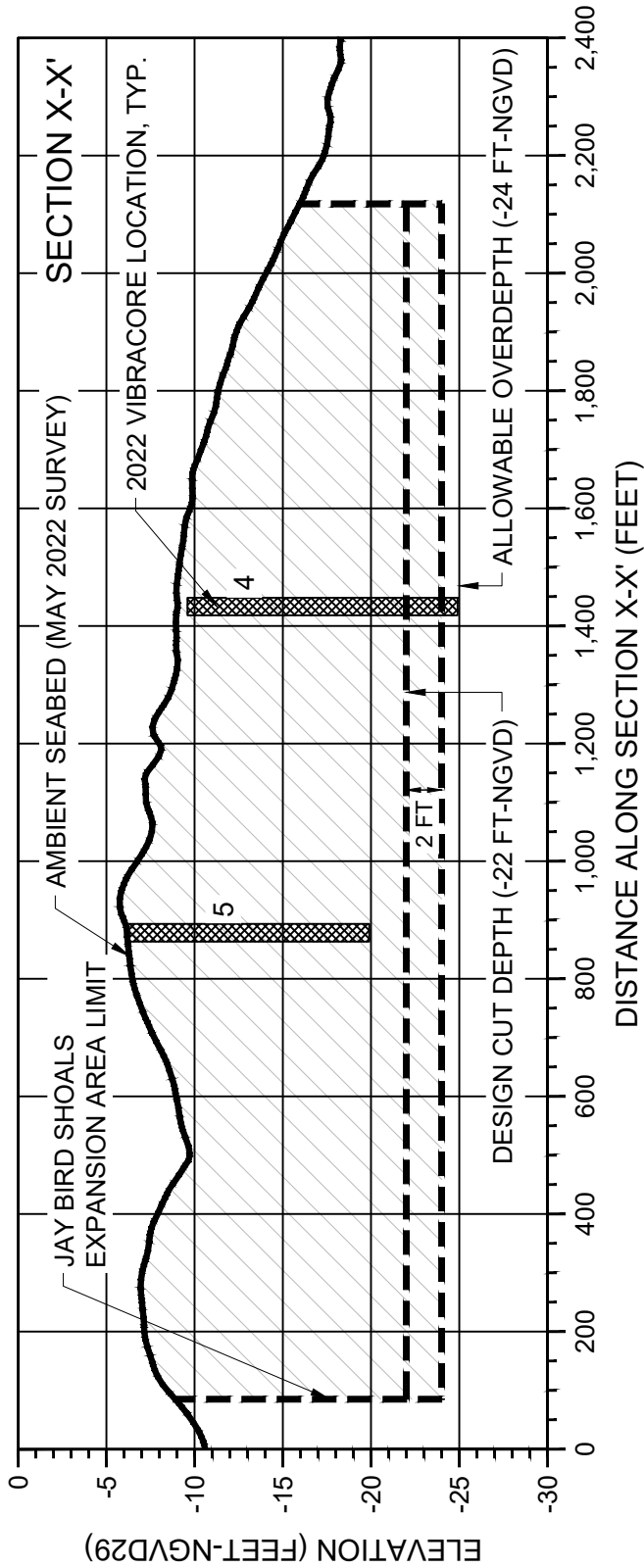
4/13/2023

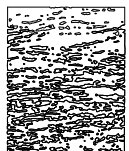
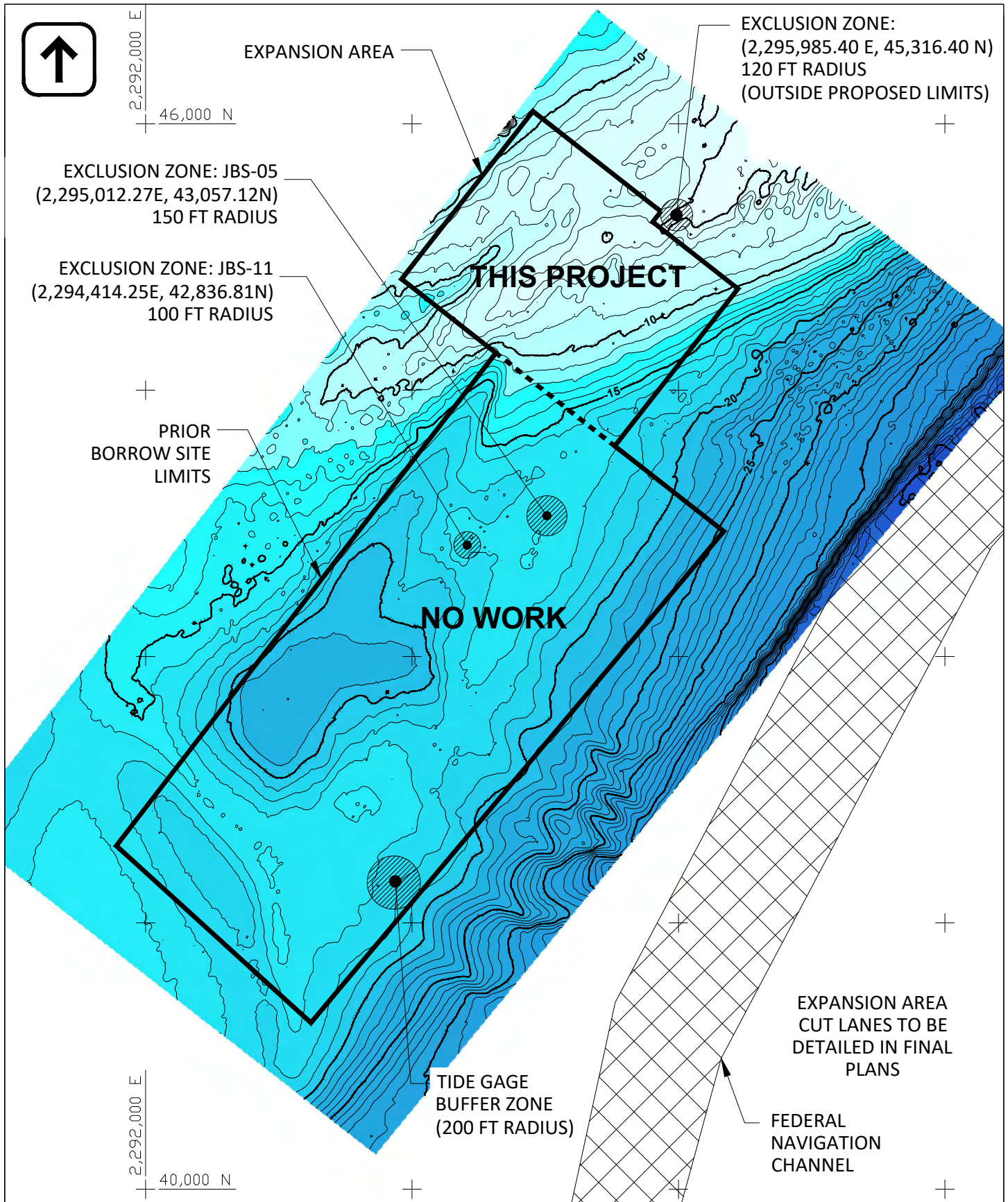
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SCALE DISTORTION - 30:1

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**VILLAGE OF BALD HEAD ISLAND
BEACH RENOURISHMENT PROJECT**

**JAY BIRD SHOALS BORROW SITE
DREDGE PLAN**

DATE	APPROVED	REVISION
4/13/2023		
WAH		
SHEET		
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