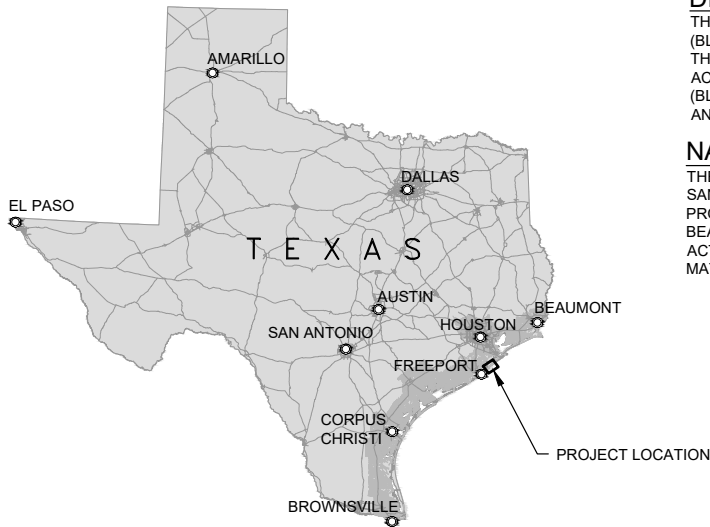


TREASURE ISLAND MUD BEACH NOURISHMENT PROJECT



DIRECTIONS:

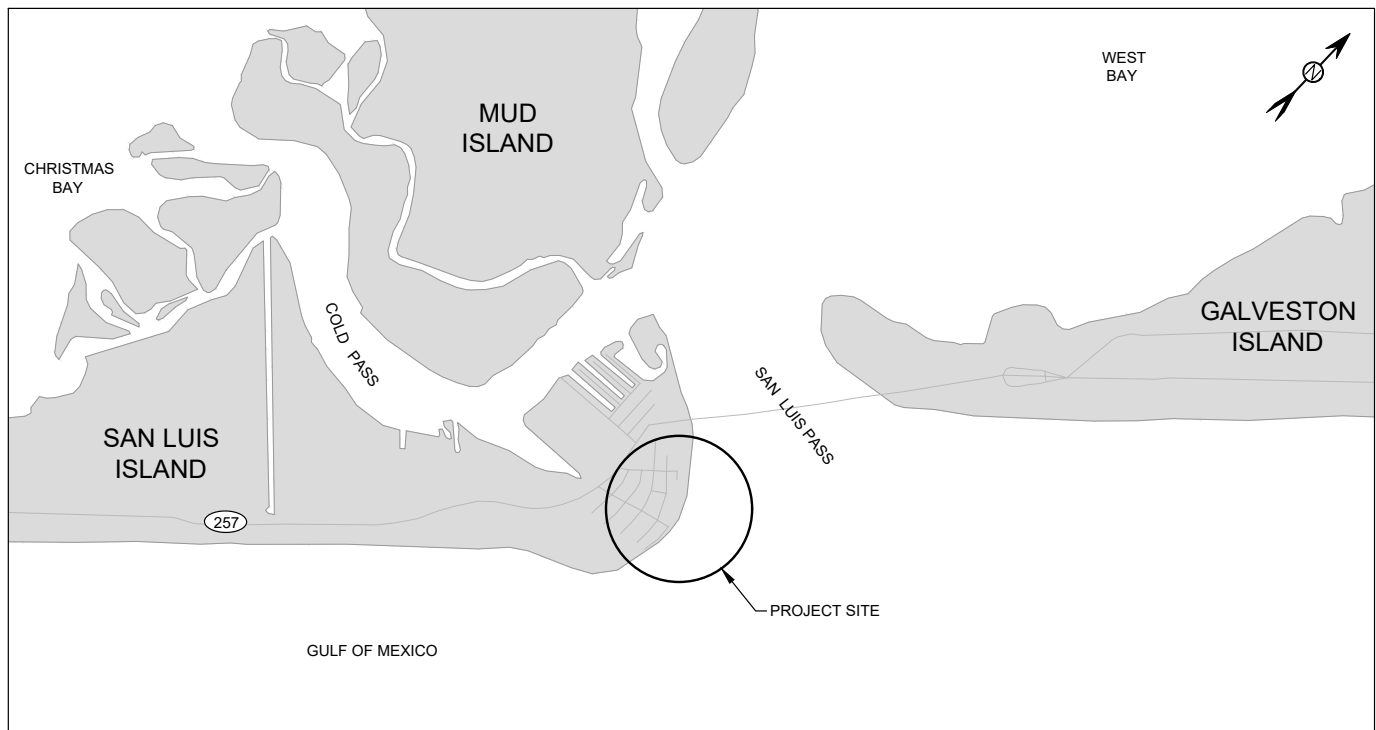
THE PROJECT SITE CAN BE ACCESSED BY TRAVELING TOWARDS GALVESTON ON CR257 (BLUEWATER HWY). TAKE A RIGHT ON PALM STREET TO GULF BEACH DRIVE TO ACCESS THE SOUTHWEST PORTION OF THE PROJECT SHORELINE. THE PROJECT CAN ALSO BE ACCESSED FROM GALVESTON BY TRAVELING TOWARDS SAN LUIS PASS ON CR257 (BLUEWATER HIGHWAY). TAKE A LEFT ON PALM STREET JUST AFTER THE TOLL BRIDGE AND CONTINUE ON TO GULF BEACH DRIVE.

NATURE OF ACTIVITY:

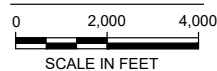
THE PURPOSE OF THIS PROJECT IS TO NOURISH AN ERODING SHORELINE FRONTING THE SAN LUIS PASS AND GULF OF MEXICO FROM PAST AND ON-GOING EROSIONAL FORCES. THIS PROJECT PROPOSES THE BENEFICIAL USE OF DREDGED MATERIAL TO CONSTRUCT A BEACH NOURISHMENT TEMPLATE SOURCED FROM AUTHORIZED MAINTENANCE DREDGING ACTIVITIES AT THE SAN LUIS PASS BOAT RAMP CHANNEL AS WELL AS AN ADJACENT DREDGE MATERIAL PLACEMENT AREA.

SHEET INDEX

SHEET NO.	TITLE
1	VICINITY - LOCATION MAP
2	OVERALL SITE PLAN
3	SITE PLAN
4	SITE PLAN
5	SITE PLAN
6	SECTIONS
7	SECTIONS
8	SECTIONS
9	SECTIONS



LOCATION MAP



APPLICANT: BRAZORIA COUNTY

AUGUST 2, 2023

SHEET 1 OF 9



110 Wild Basin Road
Suite 100
Austin, Texas 78746
Texas Registered Firm No. 12181
T +1 (512) 777-3080
www.mottmac.com

SITE ADDRESS:
29° 4' 43.52" N
95° 7' 53.65" W

VERIFY SCALE

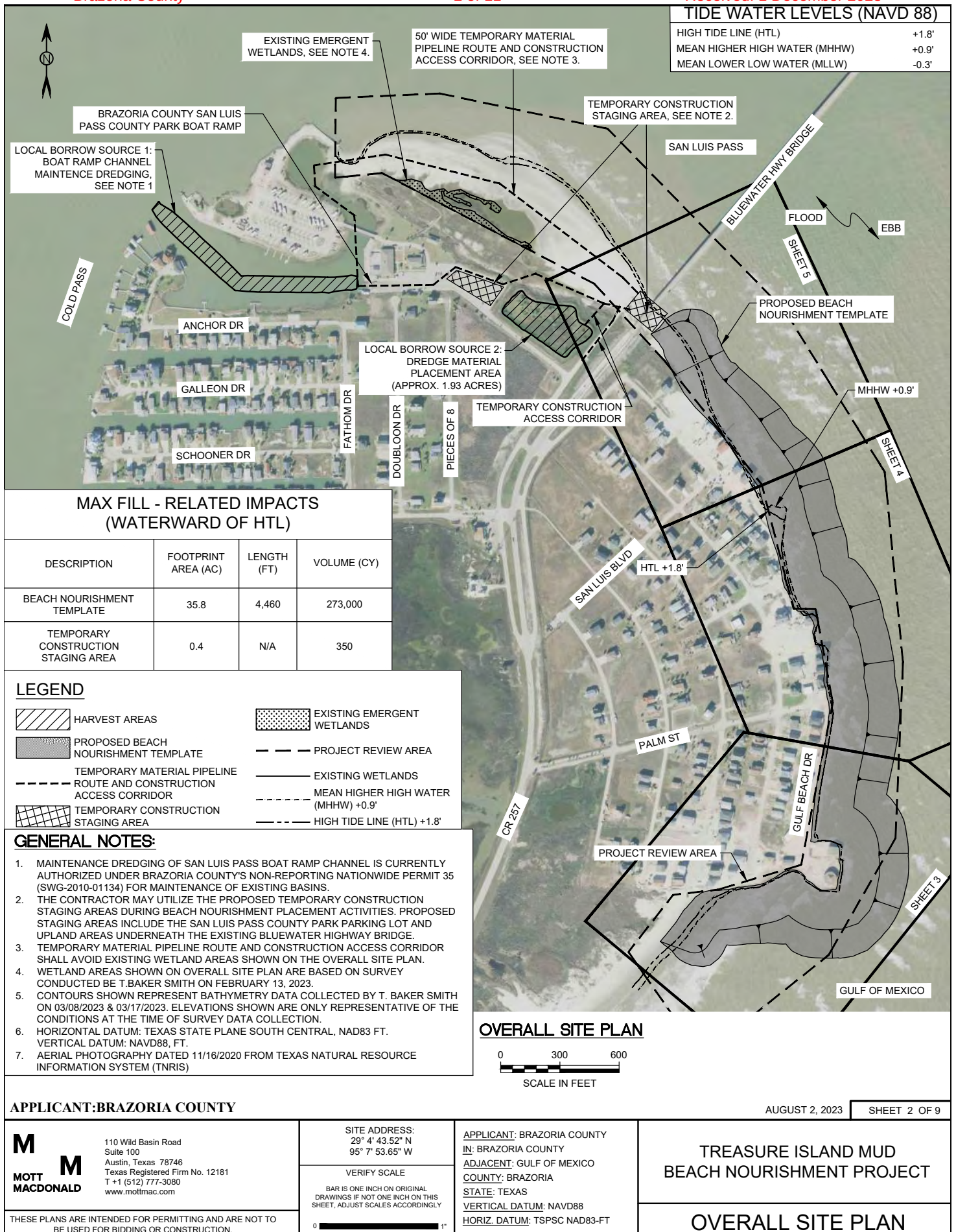
BAR IS ONE INCH ON ORIGINAL
DRAWINGS IF NOT ONE INCH ON THIS
SHEET, ADJUST SCALES ACCORDINGLY

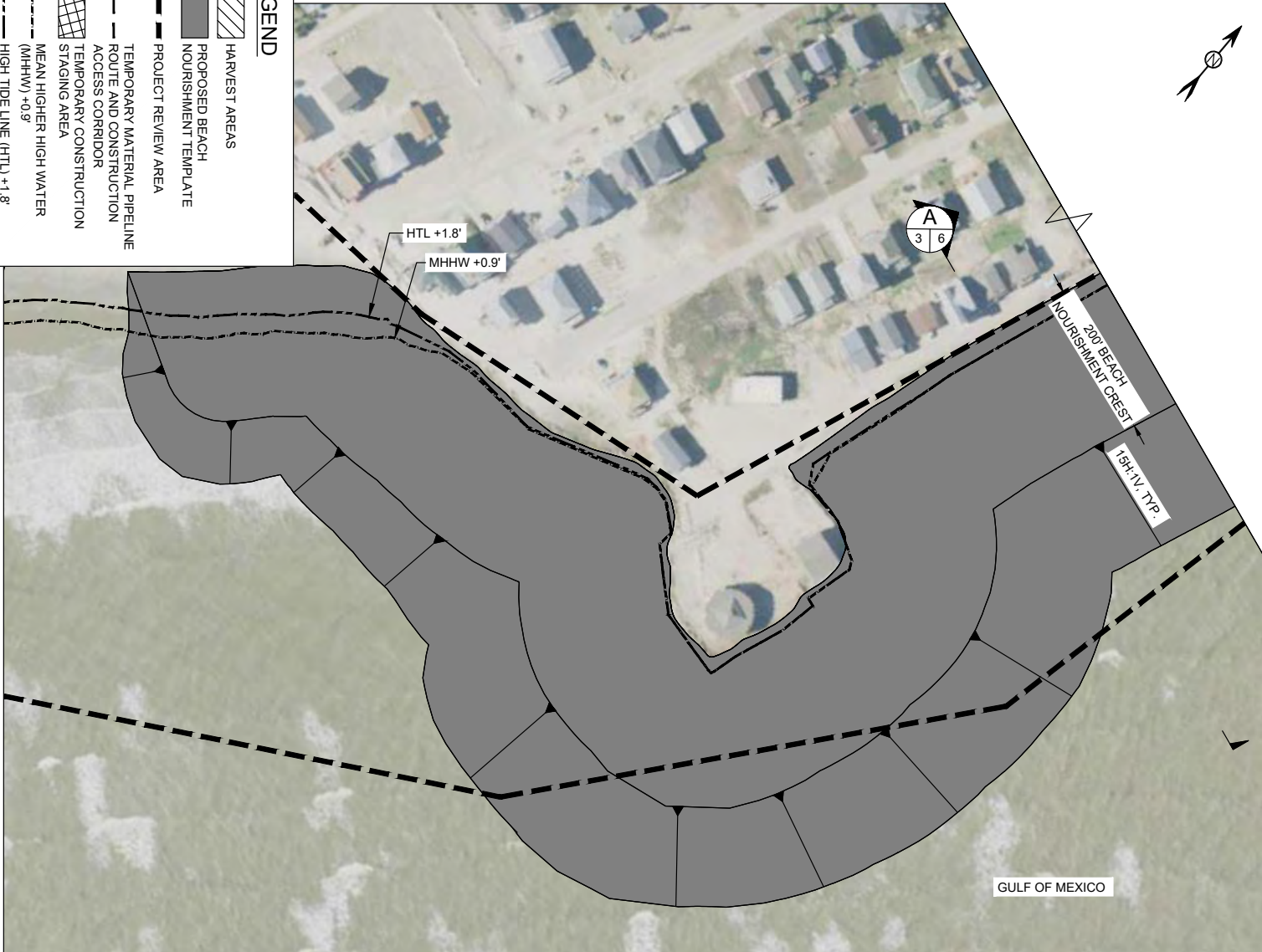


APPLICANT: BRAZORIA COUNTY
IN: BRAZORIA COUNTY
ADJACENT: GULF OF MEXICO
COUNTY: BRAZORIA
STATE: TEXAS
VERTICAL DATUM: NAVD88
HORIZ. DATUM: TSPSC NAD83-FT

TREASURE ISLAND MUD
BEACH NOURISHMENT PROJECT

VICINITY - LOCATION MAP





LEGEND

- HARVEST AREAS
- PROPOSED BEACH NOURISHMENT TEMPLATE
- PROJECT REVIEW AREA
- TEMPORARY MATERIAL PIPELINE
- ROUTE AND CONSTRUCTION ACCESS CORRIDOR
- TEMPORARY CONSTRUCTION STAGING AREA
- MEAN HIGHER HIGH WATER (MHHW) +0.9'
- HIGH TIDE LINE (HTL) +1.8'

APPLICANT: BRAZORIA COUNTY

M

**MOTT
MACDONALD**

1110 Wild Beach Road
Suite 100
Austin, Texas 78746
Texas Registered Firm No. 12181
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www.mottmac.com

SITE ADDRESS:

29° 4' 43.52" N

95° 7' 53.65" W

VERIFY SCALE:

BAR IS ONE INCH ON ORIGINAL
DRAWINGS IF NOT ONE INCH ON THIS
SHEET (ADJUST SCALES ACCORDINGLY)

0 1"

APPLICANT: BRAZORIA COUNTY

IN: BRAZORIA COUNTY

ADJACENT: GULF OF MEXICO

COUNTY: BRAZORIA

STATE: TEXAS

VERTICAL DATUM: NAVD88

HORIZ. DATUM: TSPSC NAD83-FT

**TREASURE ISLAND MUD
BEACH NOURISHMENT PROJECT**

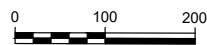
SITE PLAN

NOTES:

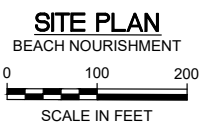
1. PERMANENT IMPACTS WATERWARD OF THE HTL WILL BE WITHIN UNVEGETATED BAY BOTTOM. NO IMPACTS TO EXISTING SEAGRASS, OYSTERS, OR WETLANDS ARE PROPOSED AS PART OF PROJECT CONSTRUCTION.

SITE PLAN

BEACH NOURISHMENT



SCALE IN FEET



1. PERMANENT IMPACTS WATERWARD OF THE HTL WILL BE WITHIN UNVEGETATED BAY BOTTOM. NO IMPACTS TO EXISTING SEAGRASS, OYSTERS, OR WETLANDS ARE PROPOSED AS PART OF PROJECT CONSTRUCTION.

LEGEND

- HARVEST AREAS
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- PROJECT REVIEW AREA
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APPLICANT: BRAZORIA COUNTY

APPLICANT: BRAZORIA COUNTY
ADJACENT: GULF OF MEXICO
COUNTY: BRAZORIA
STATE: TEXAS
VERTICAL DATUM: NAVD88
HORIZ. DATUM: TSPSC NAD83-FT

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SITE ADDRESS:
 29° 4' 43.57" N
 95° 7' 53.65" W

VERIFY SCALE

BARS ARE ONE INCH ON ORIGINAL DRAWINGS & NOT ONE INCH ON THIS SHEET. (ADJUST SCALES ACCORDINGLY)

0 1"

NOTES:

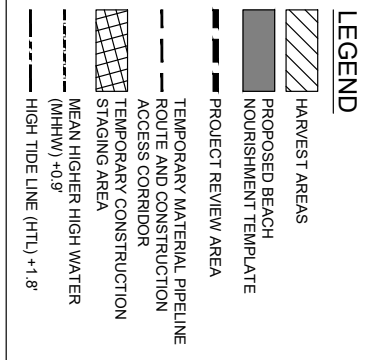
- PERMANENT IMPACTS WATERWARD OF UNVEGETATED BAY BOTTOM. NO IMPACTS TO WETLANDS ARE PROPOSED AS PART OF THIS PROJECT.

AUGUST 2, 2023

SHEET 4 OF 9

TREASURE ISLAND MUD BEACH NOURISHMENT PROJECT

SITE PLAN



AUGUST 2, 2023

APPLICANT: BRAZORIA COUNTY
IN: BRAZORIA COUNTY
ADJACENT: STATE OF MEXICO

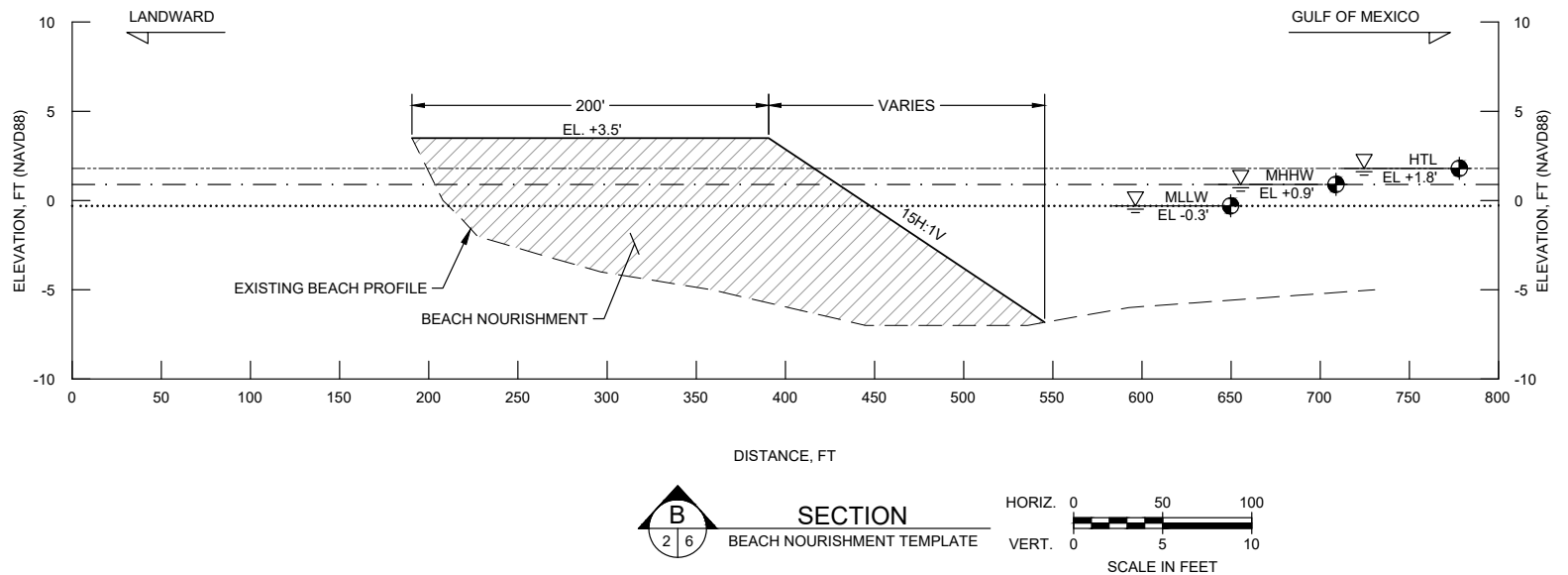
VERIFY SCALE

HORIZ. DATUM: TSPSC NAD83-FT

TREASURE ISLAND MUD BEACH NOURISHMENT PROJECT
SITE PLAN

1. PERMANENT IMPACTS WATERWARD OF THE HTL WILL BE WITHIN UNVEGETATED BAY BOTTOM. NO IMPACTS TO EXISTING SEAGRASS, OYSTERS, OR WETLANDS ARE PROPOSED AS PART OF PROJECT CONSTRUCTION.

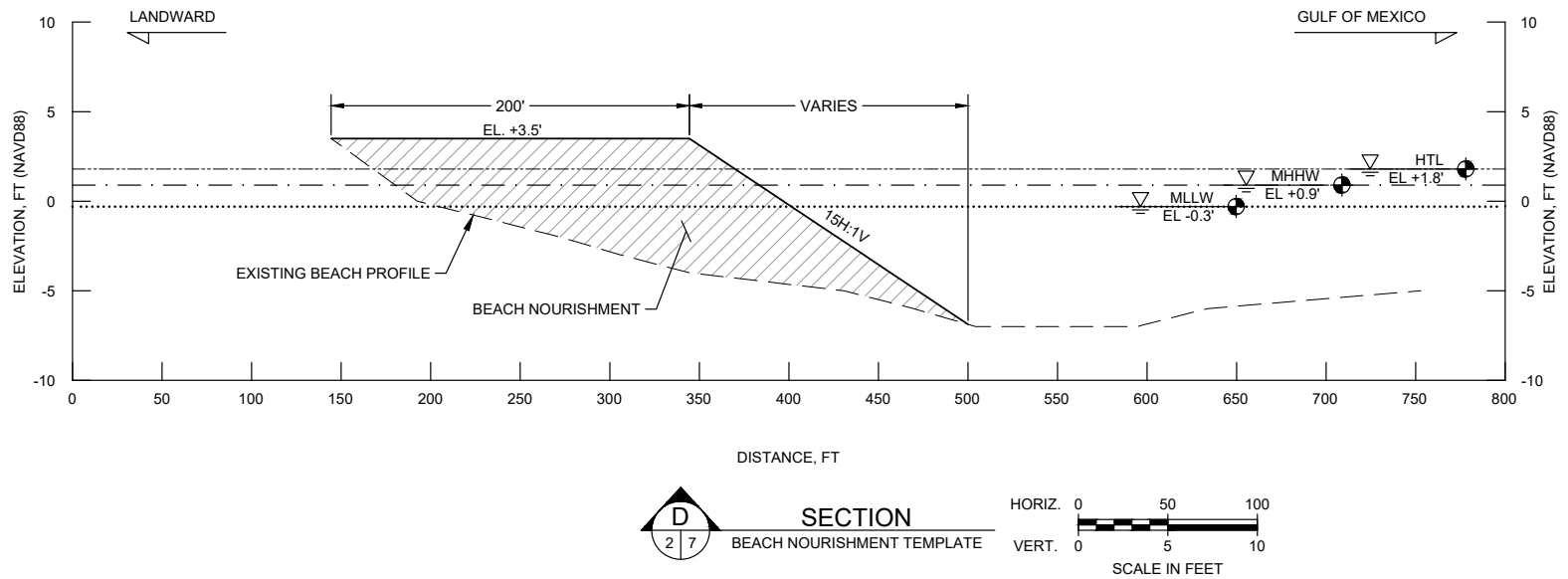
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SHEET 6 OF 9

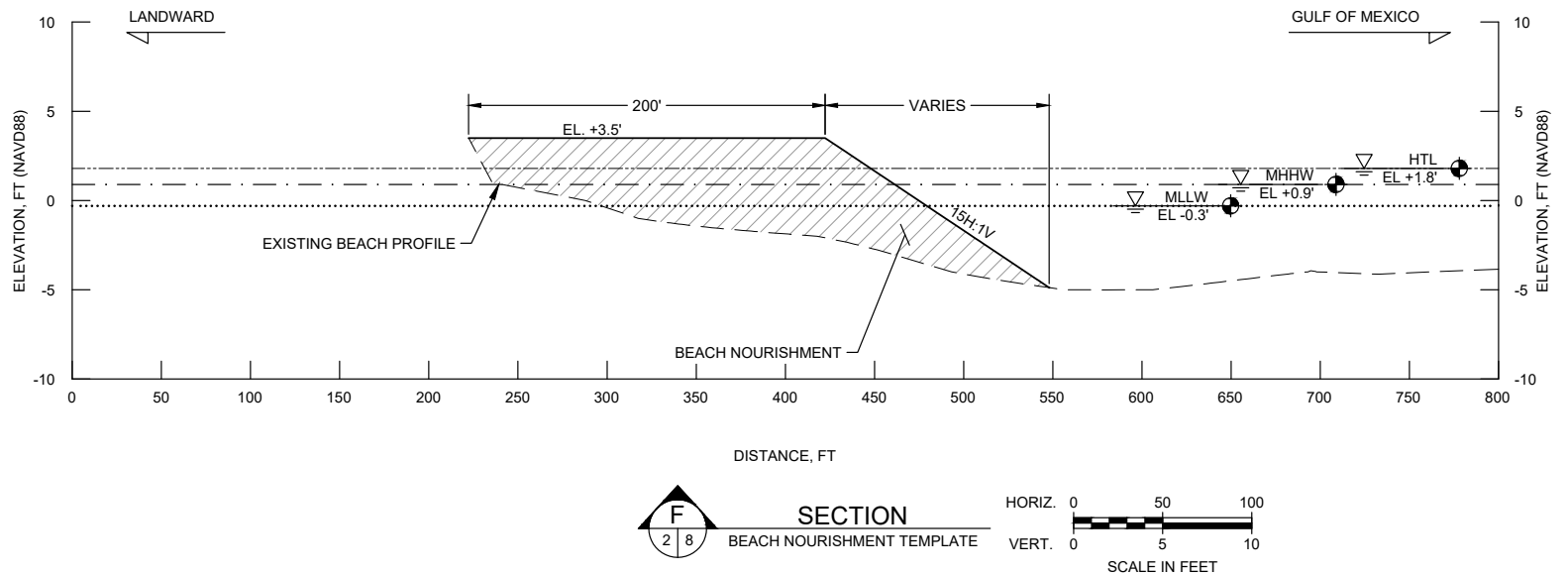
SECTIONS

PM:IMOTT-USE-PW-BENTLEY.COM:IMOTT-USE-PW-10:DOCUMENT\$400469-SLP BOAT RAMP DREDGING/DRAWINGS_MODEL\$12_MA_MARINEV - DESIGN/CAD/D - PERMIT/ Aug 2, 2023 - 12:26PM CAM30994



SHEET 7 OF 9

SECTIONS



SHEET 8 OF 9

SECTIONS

PM:IMOTT-USE-PW-BENTLEY.COM:IMOTT-USE-PW-10:DOCUMENT\$400469-SLP BOAT RAMP DREDGING/DRAWINGS_MODEL\$12_MA_MARINEV-DESIGNCADD- PERMIT Aug 2, 2023 - 12:26PM CAM93994

APPLICANT: BRAZORIA COUNTY

AUGUST 2, 2023

SHEET 9 OF 9



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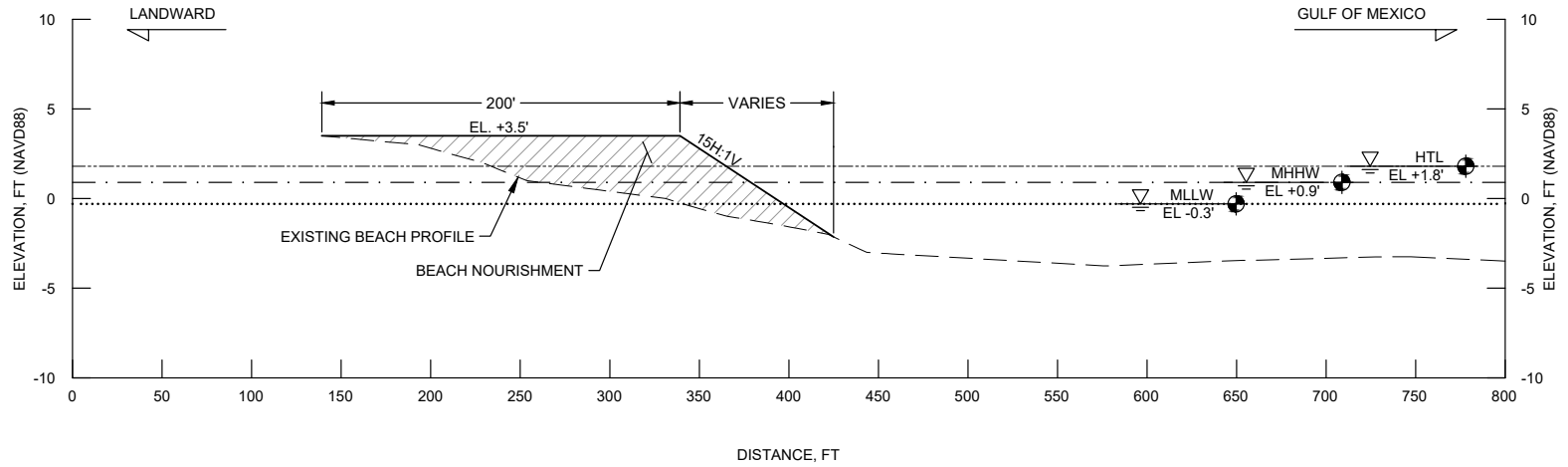
APPLICANT: BRAZORIA COUNTY
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COUNTY: BRAZORIA
STATE: TEXAS
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TREASURE ISLAND MUD
BEACH NOURISHMENT PROJECT

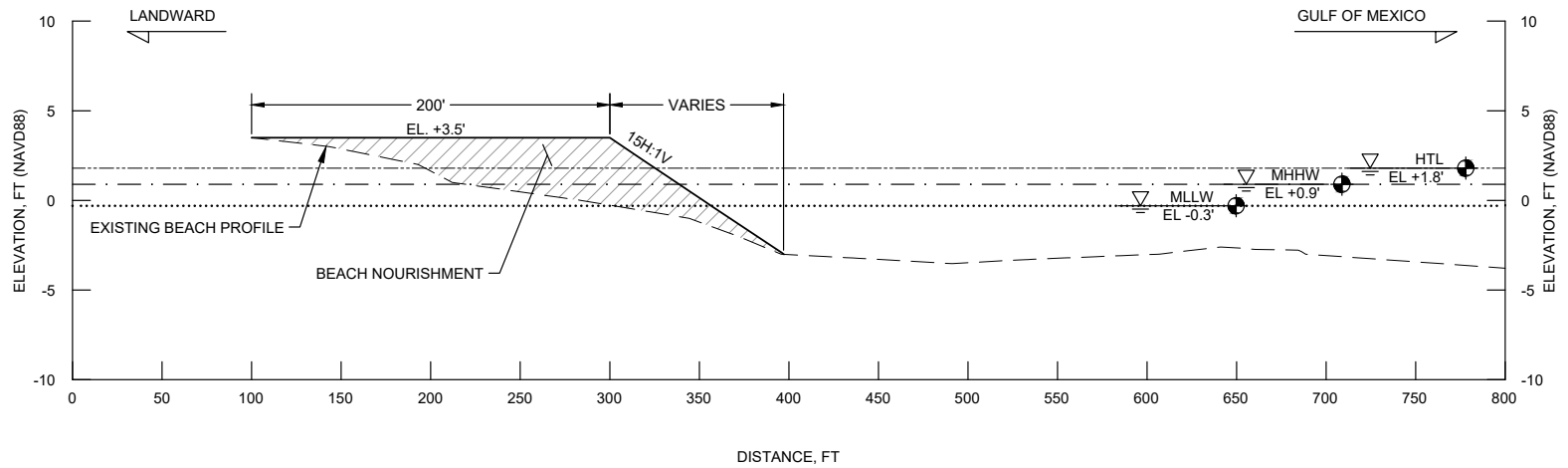
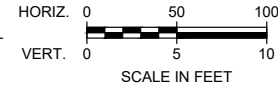
THESE PLANS ARE INTENDED FOR PERMITTING AND ARE NOT TO
BE USED FOR BIDDING OR CONSTRUCTION.

VERIFY SCALE
DRAWINGS IF NOT ONE INCH ON THIS
SHEET (ADJUST SCALES ACCORDINGLY)

SECTIONS



SECTION
BEACH NOURISHMENT TEMPLATE



SECTION
BEACH NOURISHMENT TEMPLATE

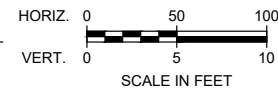


Table 1. Summary of available upland borrow sources.

Name	Location	Permit	Project Associated
Vulcan Materials Kyle Pit (Fordyce)	28.912714°, -97.116628°	SWG-1998-02508	Village of Surfside Beach Nourishment
Port of Bay City	28.866703°, -96.032367°	SWG-1998-02508	Village of Surfside Beach Nourishment
Bruce Evans Property	28.858795°, -96.036382°	SWG-1998-02508	Village of Surfside Beach Nourishment
Krumwiede (River Bottom Sands)	29.033515°, -95.515022°	SWG-1998-02508	Village of Surfside Beach Nourishment
Sunbird/Sunset Cove Subdivision	29.145442°, -95.037482°	SWG-2000-02888	Galveston Seawall Beach Nourishment
Pepper Cove at Terramar Beach Subdivision	29.134119°, -95.058536°	SWG-2000-02888	Galveston Seawall Beach Nourishment
Stavanger	29.118875°, -95.080174°	SWG-2000-02888	Galveston Seawall Beach Nourishment

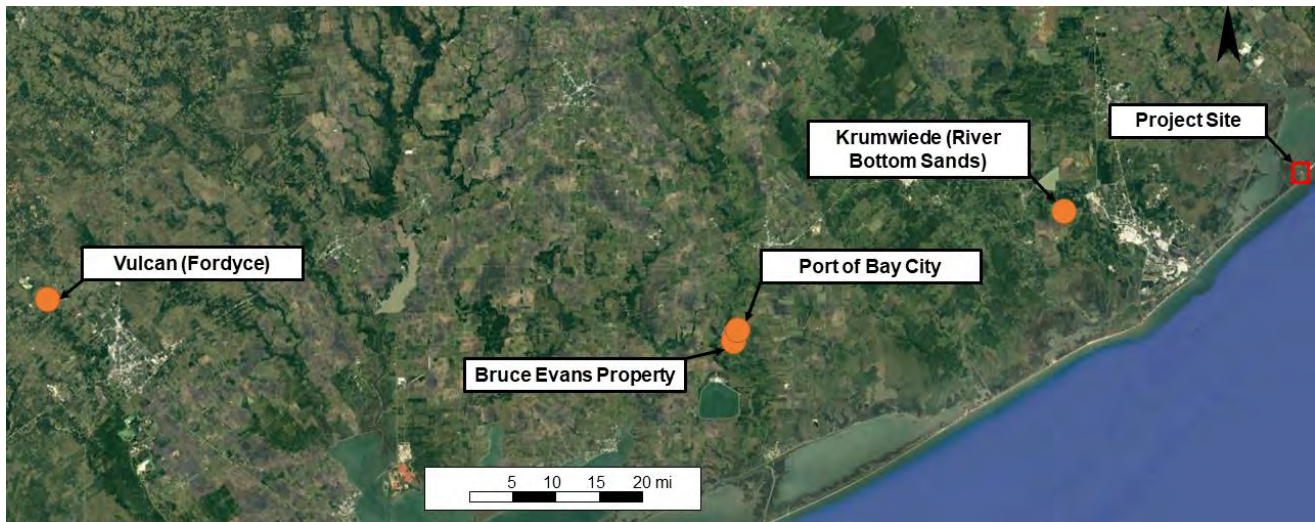


Figure 1. Brazoria County upland borrow sources.

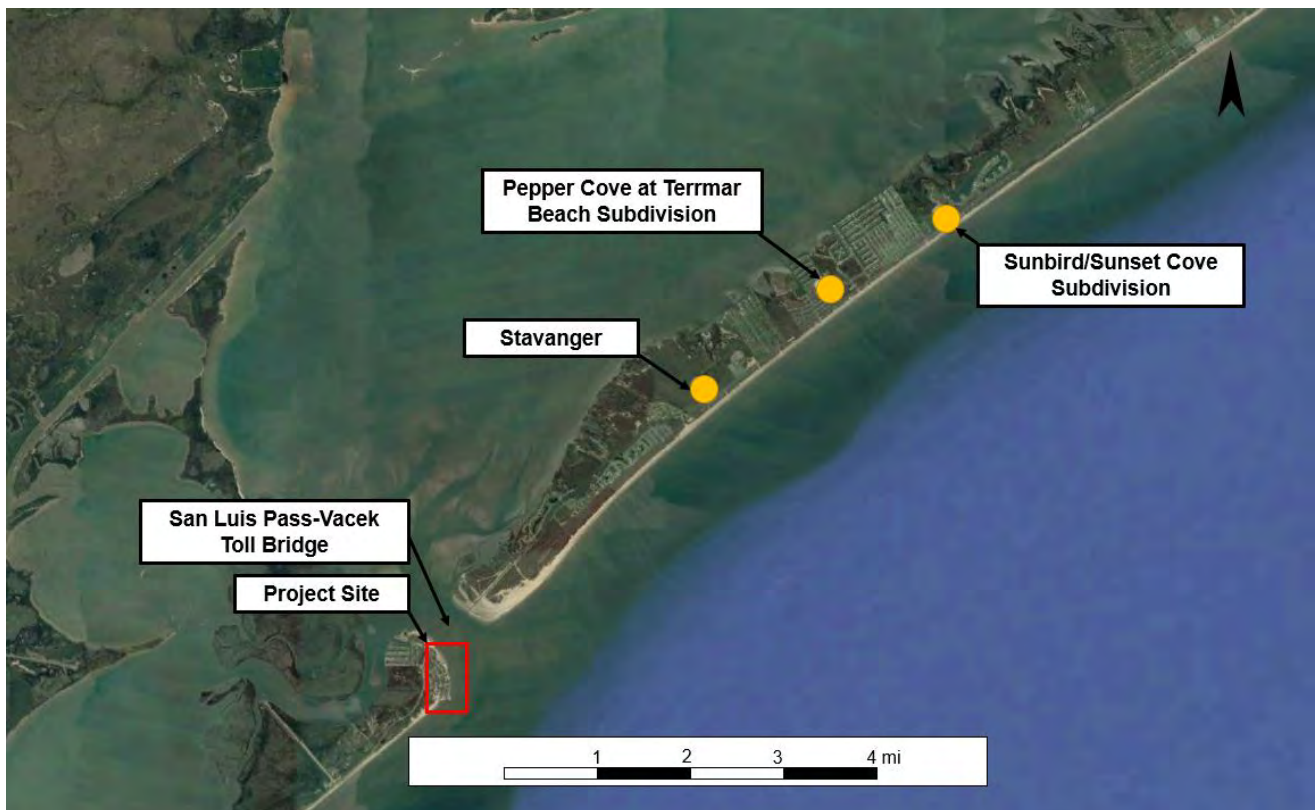


Figure 2. Galveston Island upland borrow sources.