

QUINTANA/BRYAN BEACH NOURISHMENT PROJECT

BRAZORIA COUNTY



DIRECTIONS:

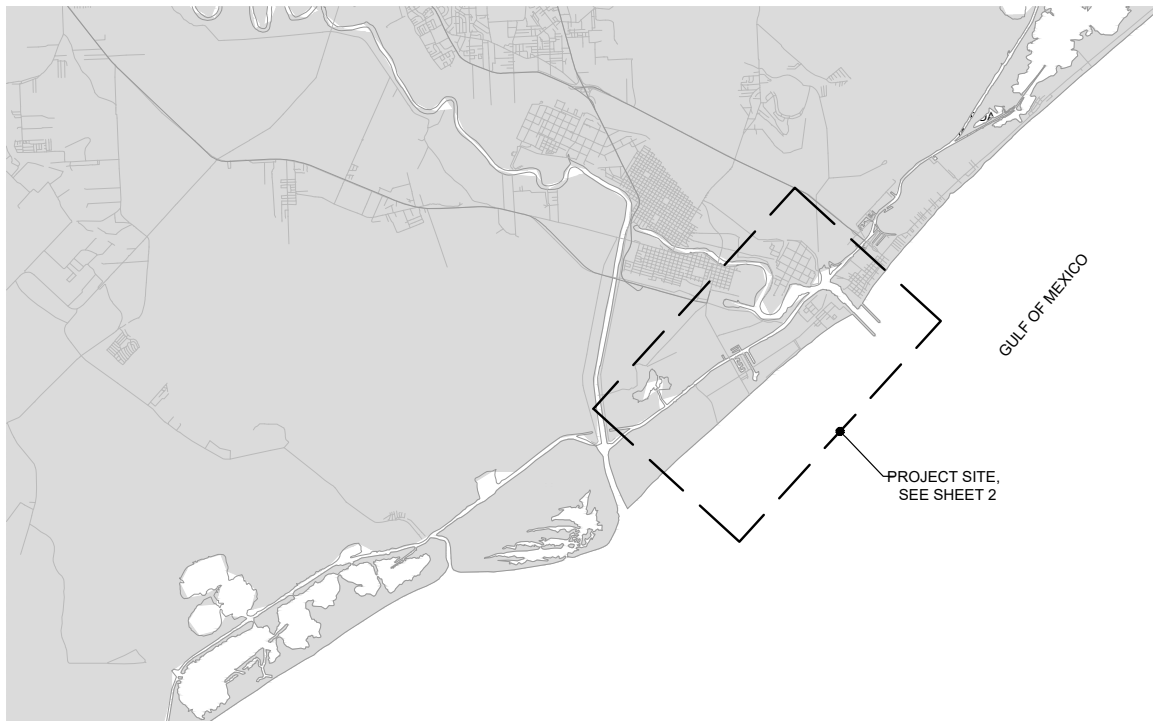
THE PROJECT SITE IS LOCATED IN BRAZORIA COUNTY AND CAN BE ACCESSED BY LAND FROM BRYAN BEACH ROAD AND BY WATER FROM THE GULF.

NATURE OF ACTIVITY:

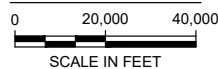
THE PURPOSE OF THIS PROJECT IS TO NOURISH AN ERODING SHORELINE IN THE TOWN OF QUINTANA USING MATERIAL FROM UPLAND BORROW SOURCES.

SHEET INDEX

SHEET NO.	TITLE
1	COVER SHEET
2	SITE PLAN
3	CROSS SECTION
4	SEDIMENT BORROW SITES
5	CONSTRUCTION ACCESS AND STAGING - BARGE OFFLOADING AREA



LOCATION MAP



PERMIT

APPLICANT: TOWN OF QUINTANA

APRIL 19, 2024

SHEET 1 OF 5



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

SITE ADDRESS:
28°54' 48.62" N
95° 20' 0.46" W

VERIFY SCALE

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



APPLICANT: TOWN OF QUINTANA
IN: BRAZORIA COUNTY
ADJACENT: GULF OF MEXICO
COUNTY: BRAZORIA COUNTY
STATE: TEXAS
VERTICAL DATUM: NAVD88
HORIZ. DATUM: TSPSC NAD 83

QUINTANA/BRYAN BEACH
NOURISHMENT PROJECT

VICINITY - LOCATION MAP

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



SITE PLAN
BEACH NOURISHMENT



NOTES

1. SLOPE SHOWN ARE APPROXIMATE AND MAY BE MODIFIED DURING FINAL ENGINEERING DESIGN.
2. ACTUAL LIMITS OF BEACH NOURISHMENT WILL VARY BASED ON BATHYMETRIC CONDITIONS AT TIME OF CONSTRUCTION.

MAX FILL - RELATED IMPACTS (WATERWARD OF HTL)

DESCRIPTION	FOOTPRINT AREA (AC)	VOLUME (CY)
BEACH NOURISHMENT	10.5	50,000
TEMP STAGING AREA	0.4	N/A

LEGEND

	PROJECT REVIEW AREA
	HIGH TIDE LINE (HTL)
	MEAN HIGHER HIGH WATER (MHHW)
	MEAN LOWER LOW WATER (MLLW)
	EXISTING VEGETATION
	POTENTIAL STAGING AREA

PERMIT

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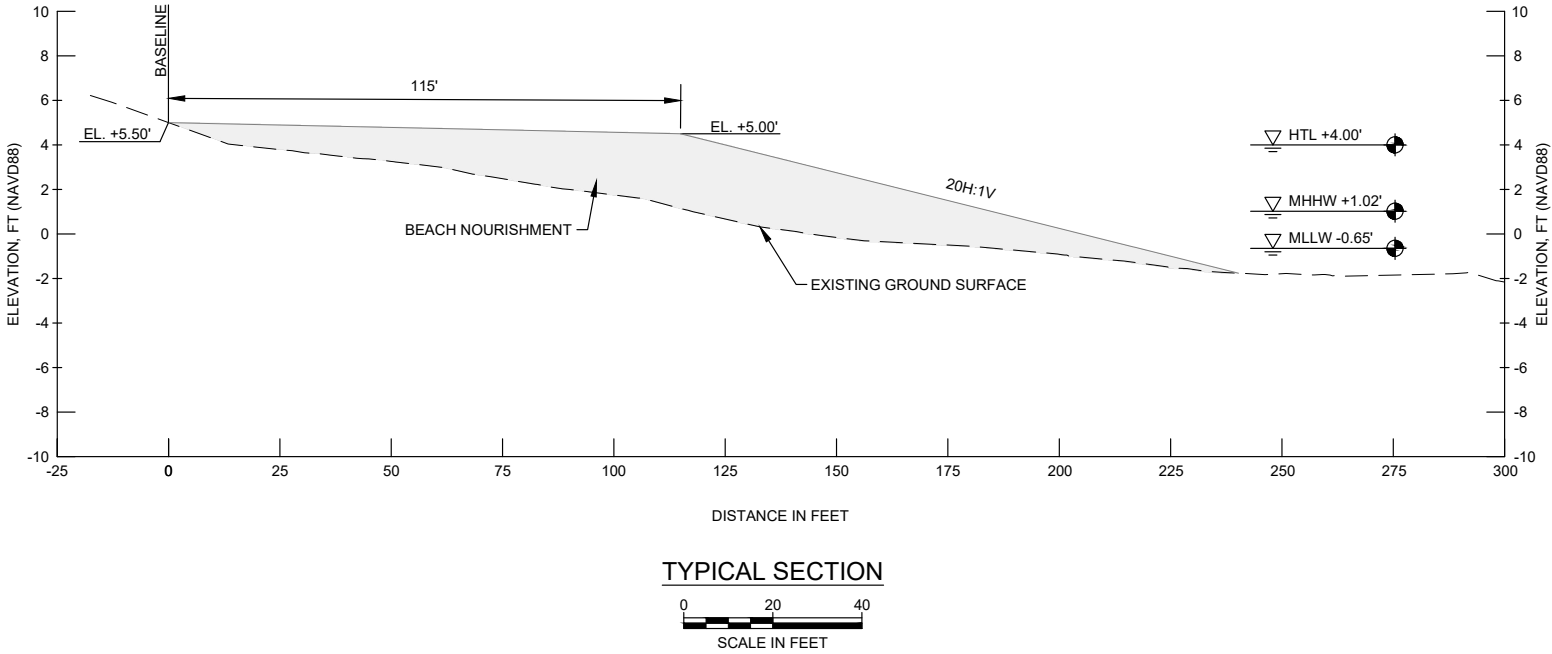
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SHEET 2 OF 5

QUINTANA/BRYAN BEACH
NOURISHMENT PROJECT

SITE PLAN



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PERMIT

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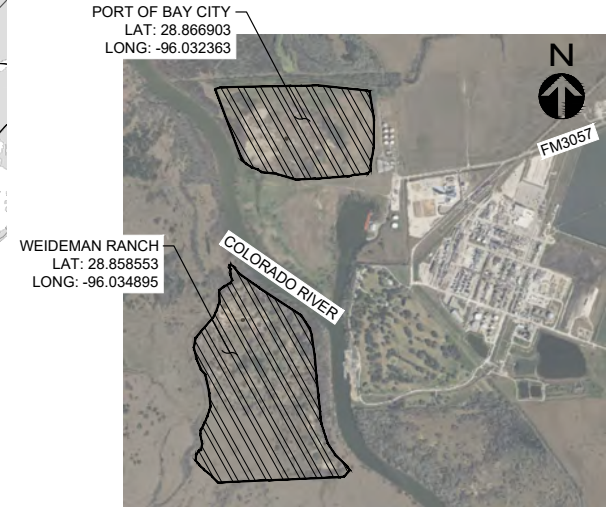
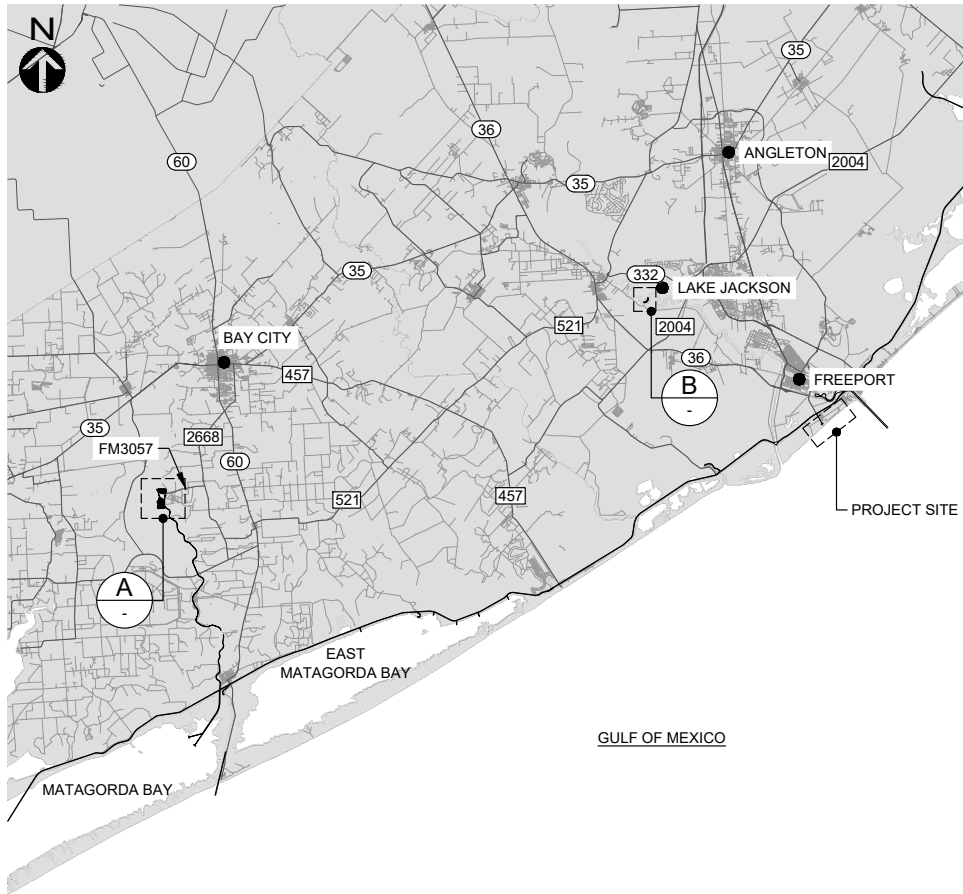
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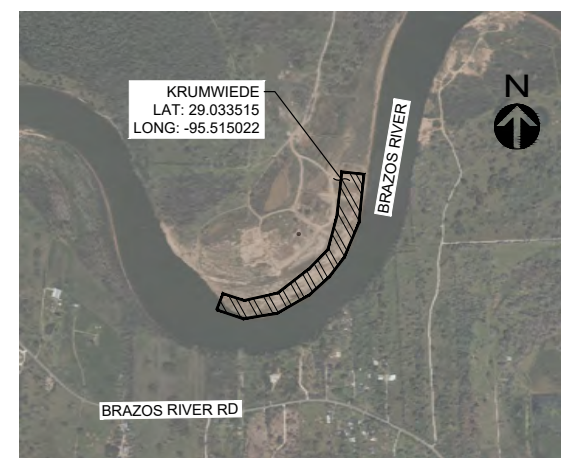
CROSS SECTION

APRIL 19, 2024

SHEET 3 OF 5



DETAIL
SEDIMENT BORROW SITES 1
0 1500 3000
SCALE IN FEET



DETAIL
SEDIMENT BORROW SITES 2
0 1000 2000
SCALE IN FEET

PERMIT

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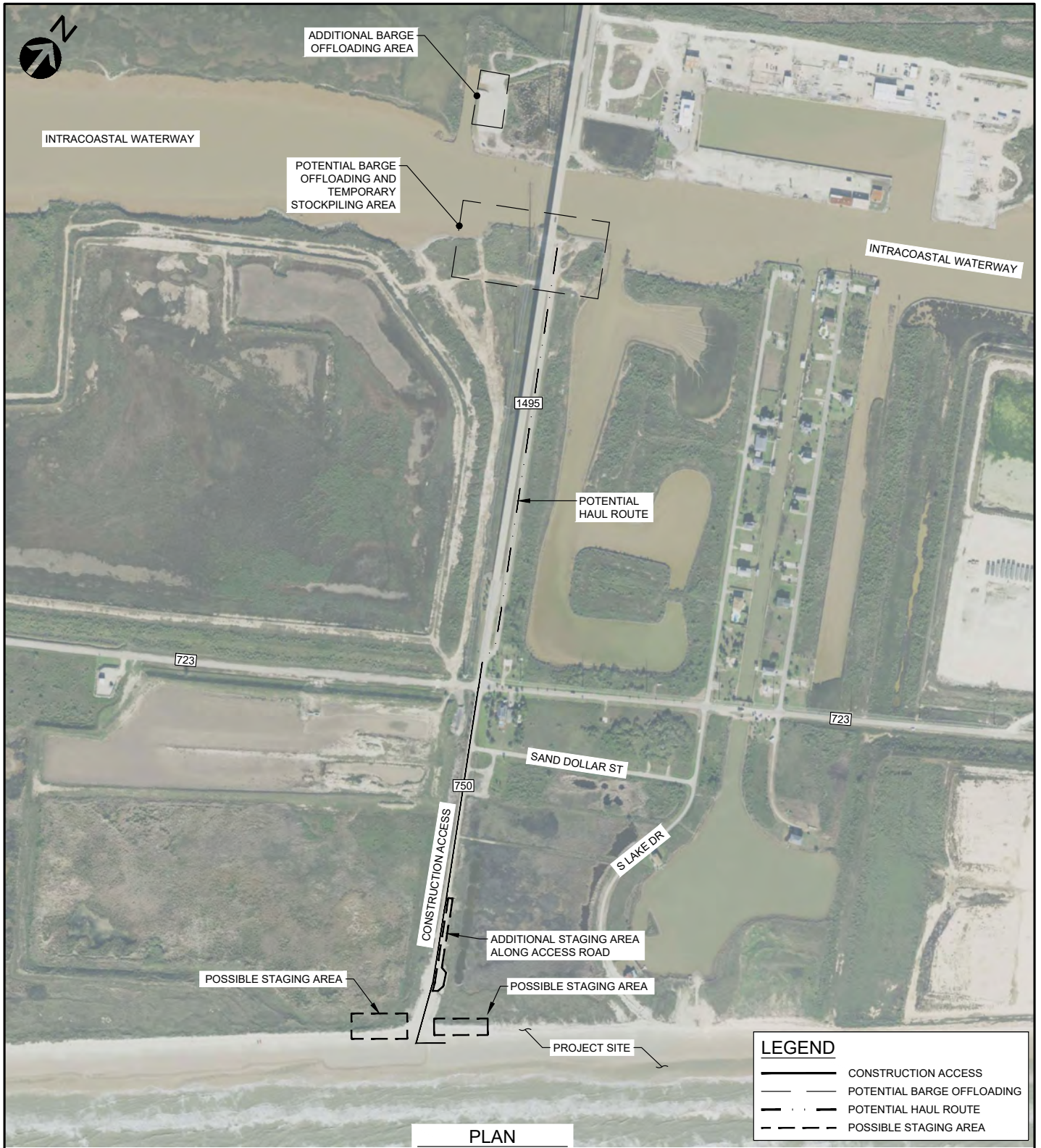
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SEDIMENT BORROW SITES

LEGEND
APPROXIMATE LIMITS OF
PROPOSED BORROW AREA



PERMIT

APPLICANT: TOWN OF QUINTANA

0 300 600
SCALE IN FEET

APRIL 19, 2024 SHEET 5 OF 5



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0 1"

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CONSTRUCTION ACCESS AND
STAGING - BARGE OFFLOAD AREA