

LITTLE BAY DRAINAGE IMPROVMENT

PHASE 1



DIRECTIONS:

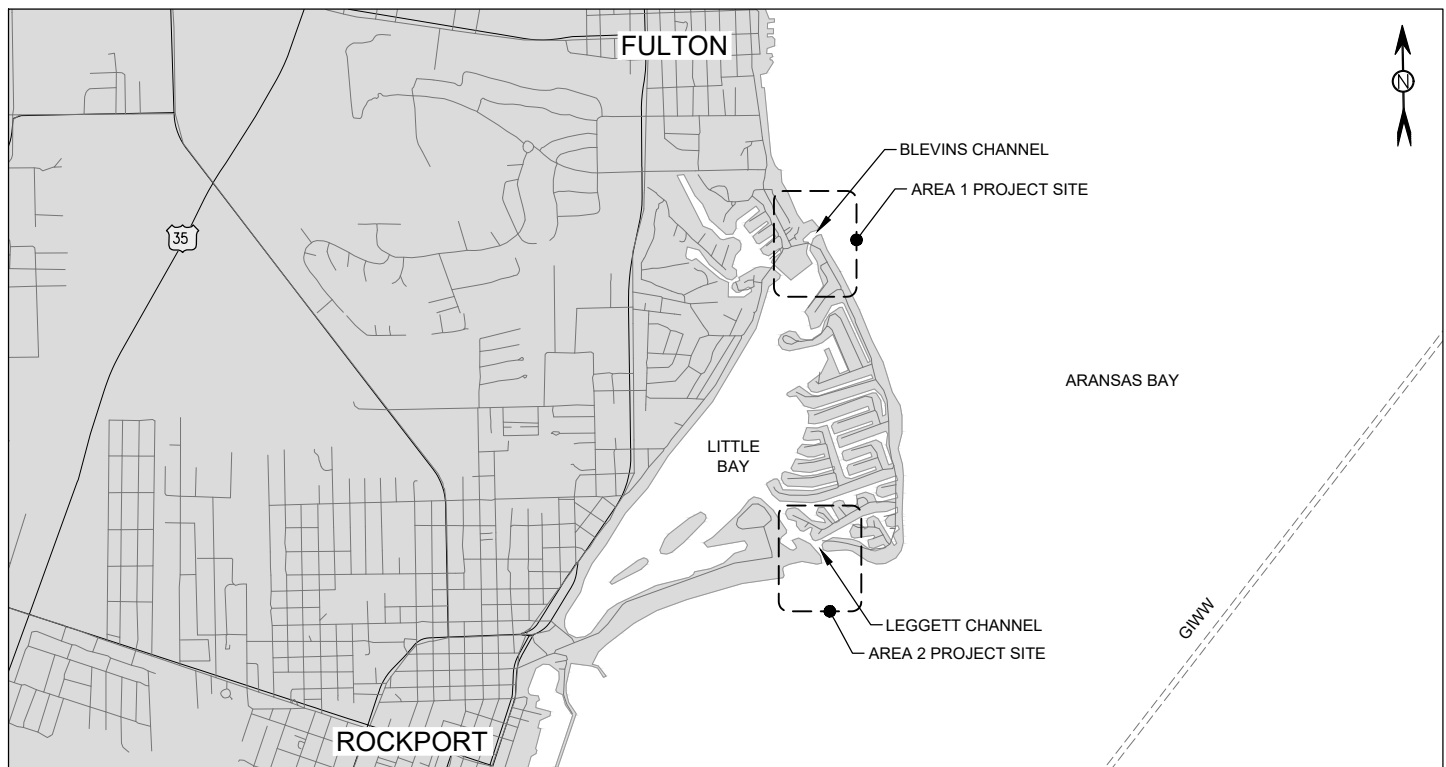
THE PROJECT SITE CAN BE ACCESSED ALONG BAYSHORE DRIVE OR VIA ARANSAS BAY. KEY ALLEGRO IS LOCATED EAST OF HIGHWAY TX-35 IN ROCKPORT, TX.

NATURE OF ACTIVITY:

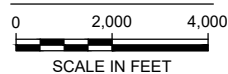
THE PURPOSE OF THIS PROJECT IS TO PROTECT EXISTING STRUCTURES WITHIN BLEVINS AND LEGGETT CHANNELS FROM SCOUR DUE TO HIGH CURRENTS IN THESE AREAS. RIPRAP/MARINE MATTRESS SCOUR PROTECTION WILL BE CONSTRUCTED ALONG THE HIGHEST RISK AREAS.

SHEET INDEX

SHEET NO.	TITLE
1	COVER SHEET
2	EXISTING SHEET
3	PROPOSED - AREA 1
4	PROPOSED - AREA 2
5	AREA 1 - SECTIONS
6	AREA 2 - SECTIONS



LOCATION MAP



PERMIT

APPLICANT: ARANSAS COUNTY

SEPTEMBER 16, 2021

SHEET 1 OF 6



711 North Carancahua
Suite 1610
Corpus Christi, Texas 78401
Texas Registered Firm No. 12181
T +1 (361) 661-3061
www.mottmac.com

SITE ADDRESS:
28° 1' 55.80" N
97° 1' 50.72" W

VERIFY SCALE

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



CLIENT: ARANSAS COUNTY
IN: ARANSAS COUNTY
ADJACENT: LITTLE BAY
COUNTY: ARANSAS
STATE: TEXAS
VERTICAL DATUM: NAVD88
HORIZ. DATUM: TSPSC NAD83-FT

ARANSAS COUNTY
LITTLE BAY DRAINAGE IMPROVMENT
PHASE 1

COVER SHEET

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

NOTES:

1. AERIAL PHOTOGRAPHY DATED JANUARY 31, 2020 FROM GOOGLE EARTH, AND IS ONLY REPRESENTATIVE OF THE CONDITIONS AT THE TIME TAKEN.
2. CONTOURS SHOWN REPRESENT BATHYMETRY DATA SET FROM NAISMITH MARINE SERVICES ON JULY 2-23 2020.
3. NO EXISTING SEAGRASS OR WETLANDS WILL BE IMPACTED.

SWG-2021-00652; Page 2 of 6

Recd 21 Sep 2021



PERMIT

0 500 1,000
SCALE IN FEET

APPLICANT: ARANSAS COUNTY

SEPTEMBER 16, 2021

SHEET 2 OF 6



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PHASE 1

EXISTING SHEET

NOTES:

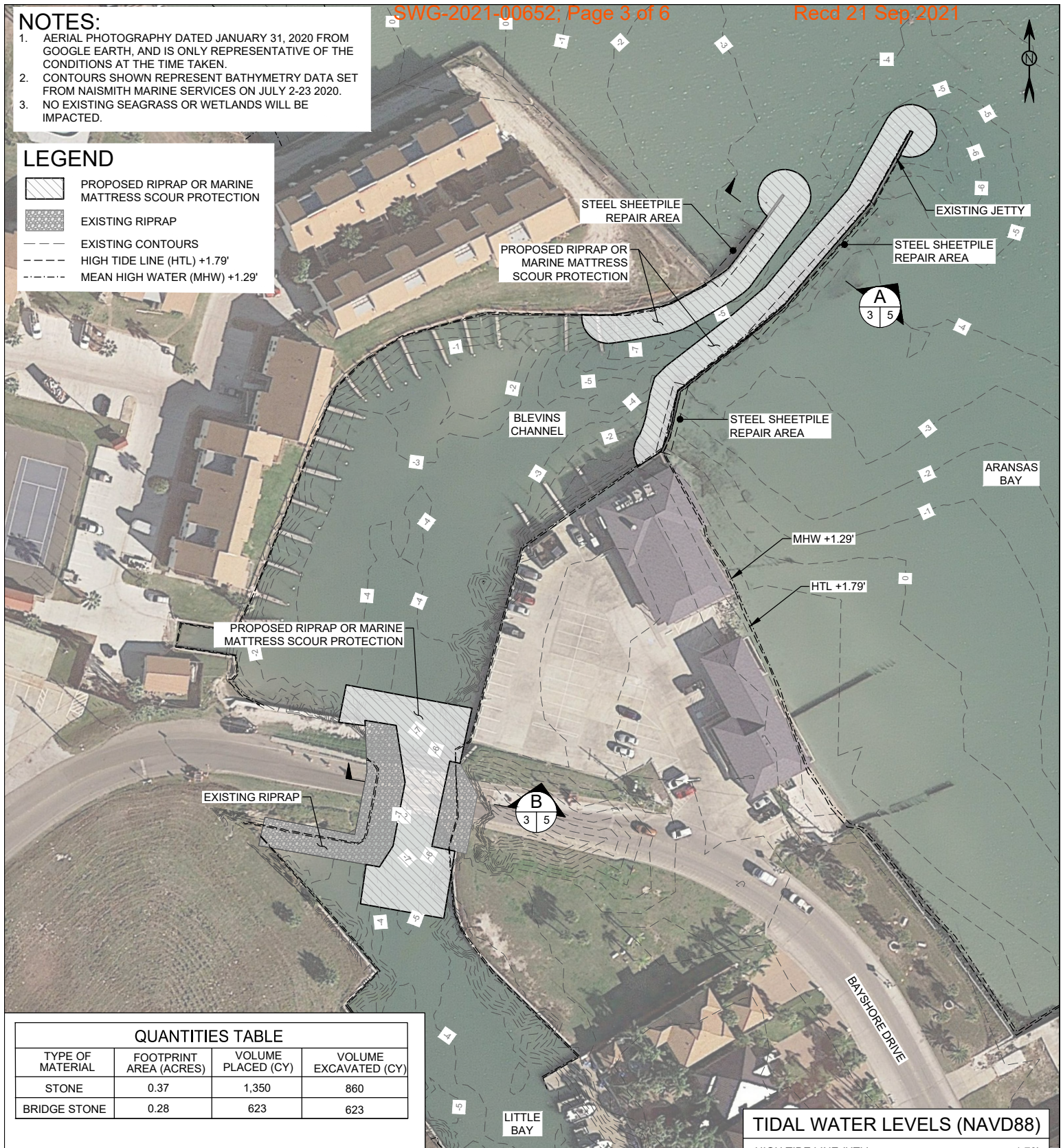
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LEGEND

-  PROPOSED RIPRAP OR MARINE MATTRESS SCOUR PROTECTION
-  EXISTING RIPRAP
-  EXISTING CONTOURS
-  HIGH TIDE LINE (HTL) +1.79'
-  MEAN HIGH WATER (MHW) +1.29'

SWG-2021-00652; Page 3 of 6

Recd 21 Sep 2021



QUANTITIES TABLE

TYPE OF MATERIAL	FOOTPRINT AREA (ACRES)	VOLUME PLACED (CY)	VOLUME EXCAVATED (CY)
STONE	0.37	1,350	860
BRIDGE STONE	0.28	623	623

0 50 100
SCALE IN FEET

TIDAL WATER LEVELS (NAVD88)

HIGH TIDE LINE (HTL)	+1.79'
MEAN HIGH WATER LINE (MHW)	+1.29'
MEAN SEA LEVEL	+1.12'
MEAN LOWER LOW WATER (MLLW)	+0.93'

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APPLICANT: ARANSAS COUNTY

SEPTEMBER 16, 2021

SHEET 3 OF 6

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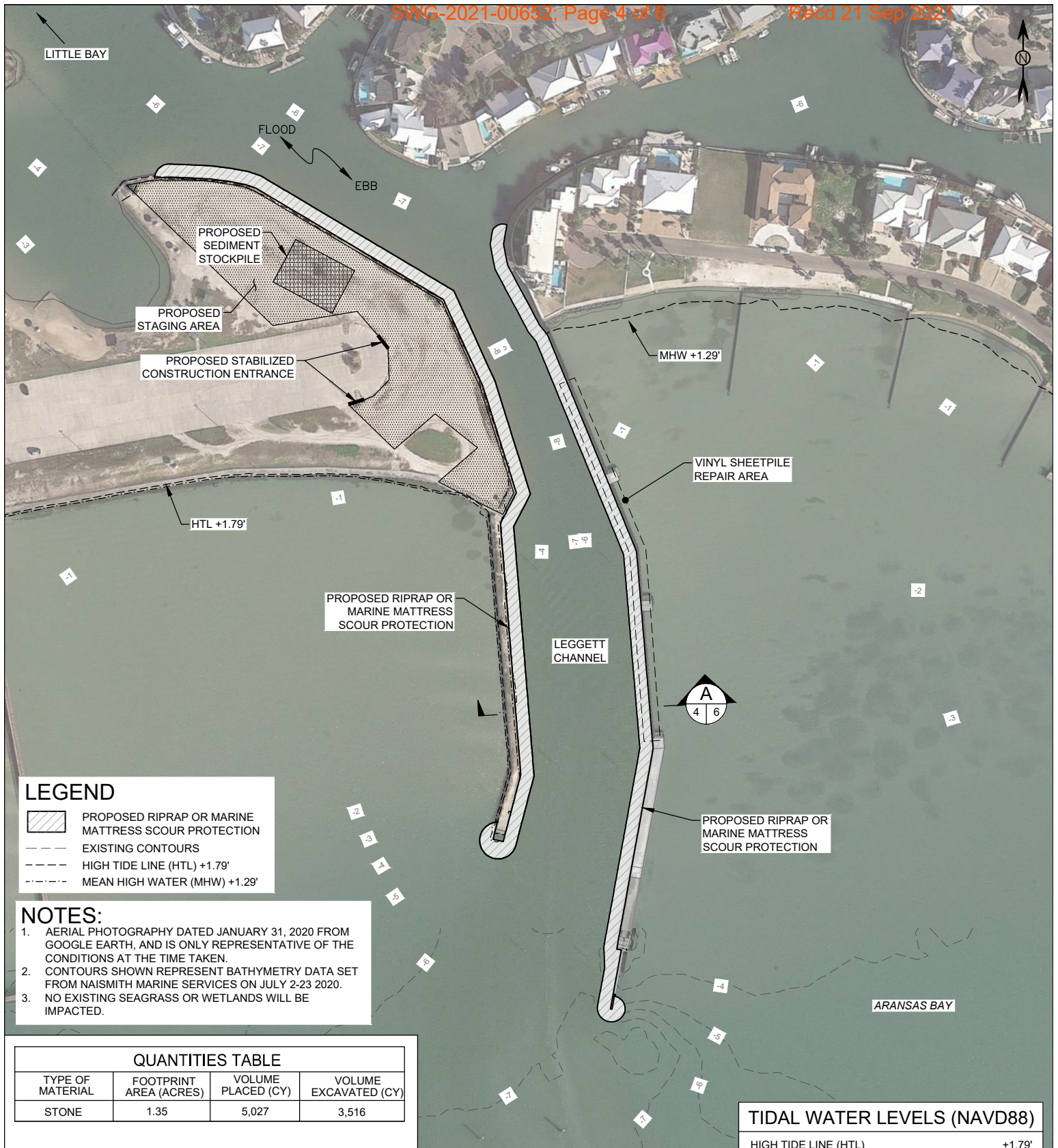
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ARANSAS COUNTY
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PHASE 1

PROPOSED - AREA 1



LEGEND

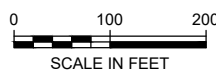
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	EXISTING CONTOURS
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QUANTITIES TABLE

TYPE OF MATERIAL	FOOTPRINT AREA (ACRES)	VOLUME PLACED (CY)	VOLUME EXCAVATED (CY)
STONE	1.35	5,027	3,516



TIDAL WATER LEVELS (NAVD88)

HIGH TIDE LINE (HTL)	+1.79'
MEAN HIGH WATER LINE (MHW)	+1.29'
MEAN SEA LEVEL	+1.12'
MEAN LOWER LOW WATER (MLLW)	+0.93'

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APPLICANT: ARANSAS COUNTY

JANUARY 28, 2022

SHEET 4 OF 6



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COUNTY: ARANSAS

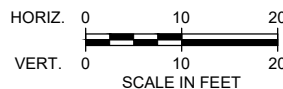
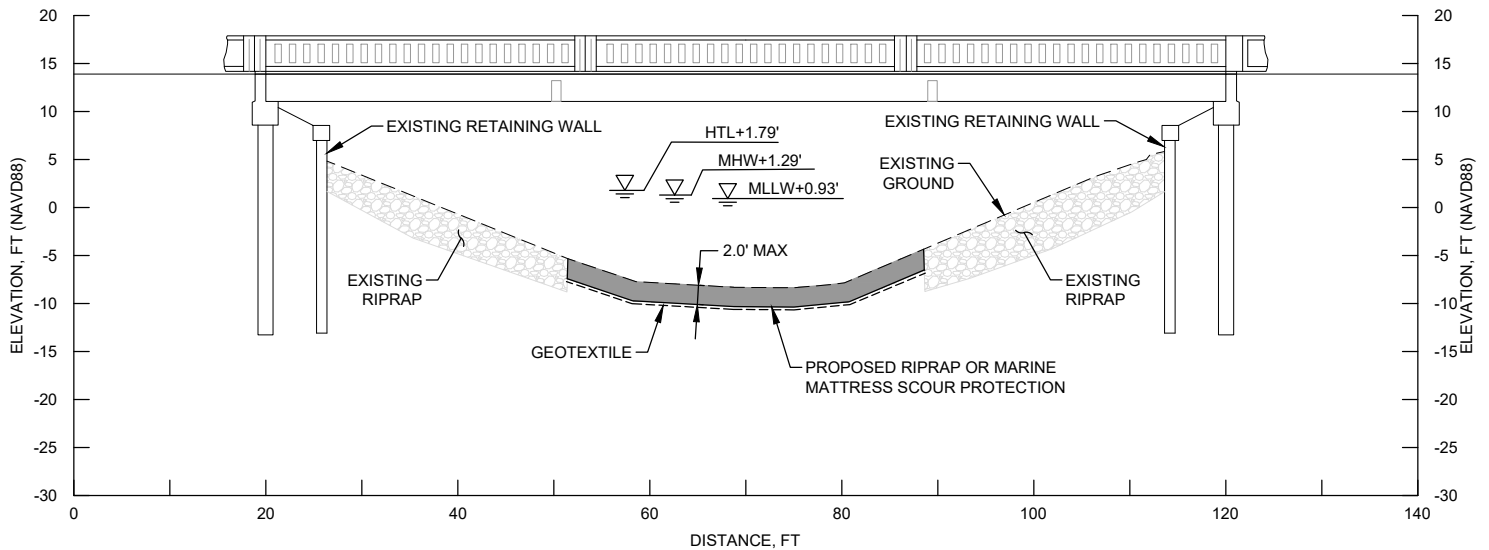
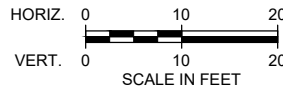
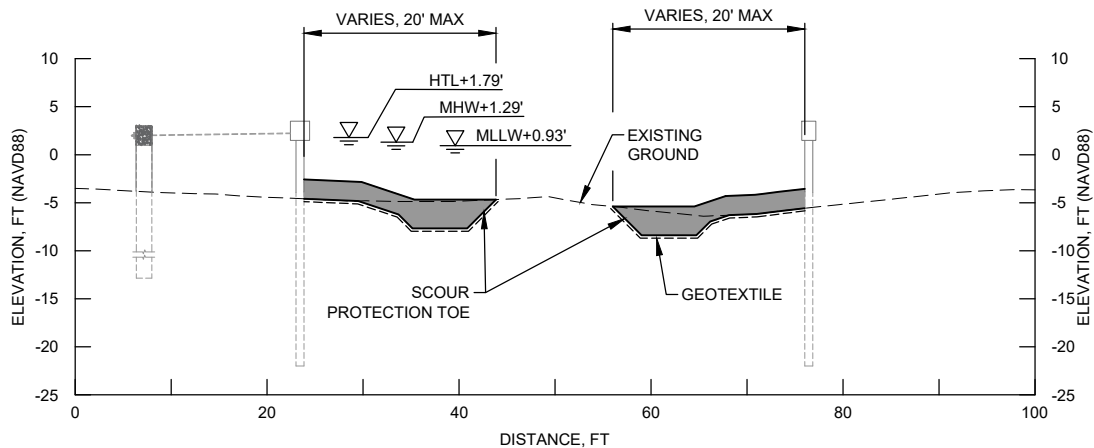
STATE: TEXAS

VERTICAL DATUM: NAVD88

HORIZ. DATUM: TSPSC NAD83-FT

ARANSAS COUNTY
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PHASE 1

PROPOSED - AREA 2



TIDAL WATER LEVELS (NAVD88)

HIGH TIDE LINE (HTL)	+1.79'
MEAN HIGH WATER LINE (MHW)	+1.29'
MEAN SEA LEVEL	+1.12'
MEAN LOWER LOW WATER (MLLW)	+0.93'

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APPLICANT: ARANSAS COUNTY

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SHEET 5 OF 6



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AREA 1 - SECTIONS

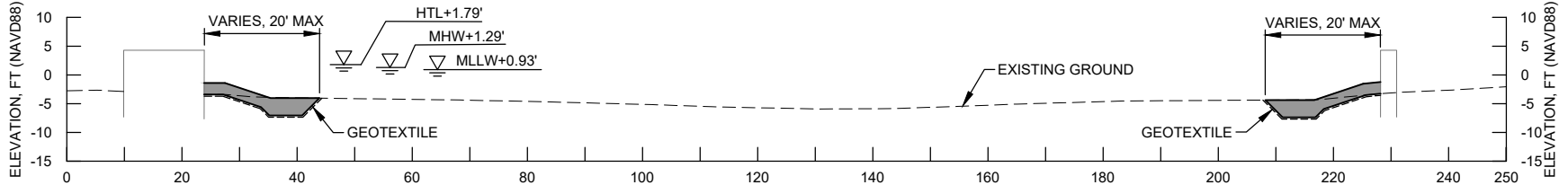
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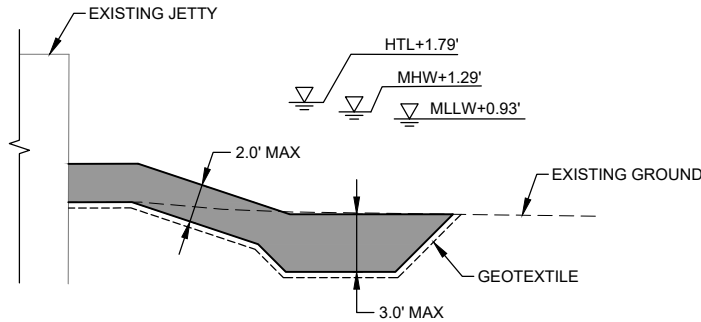
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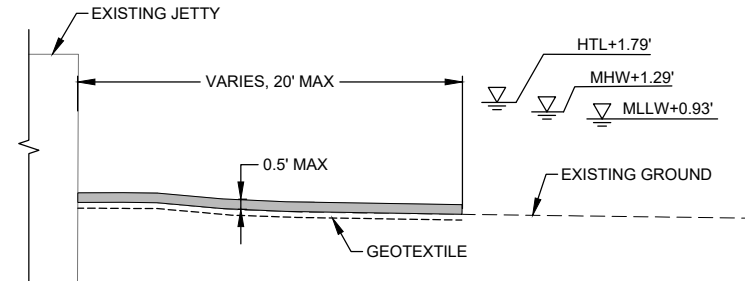
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HORIZ. 0 15 30
VERT. 0 15 30
SCALE IN FEET



HORIZ. 0 5 10
VERT. 0 5 10
SCALE IN FEET



HORIZ. 0 5 10
VERT. 0 5 10
SCALE IN FEET

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