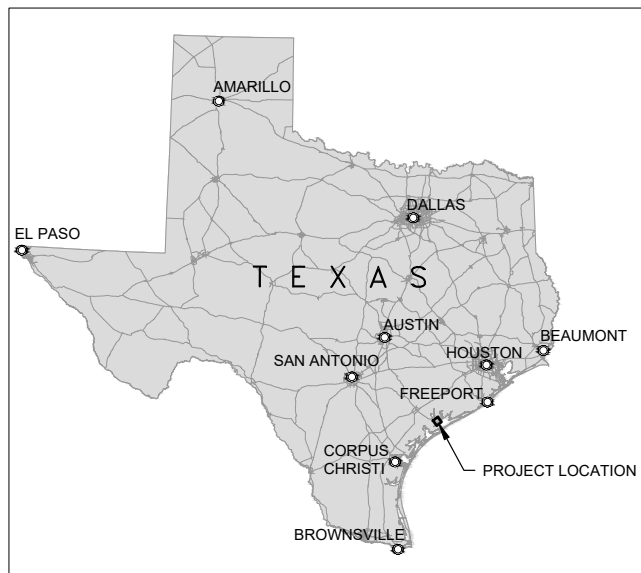


MAGNOLIA BEACH

SHORELINE PROTECTION - PHASE 1



DIRECTIONS:

THE PROJECT SITE CAN BE ACCESSED FROM TX-35.

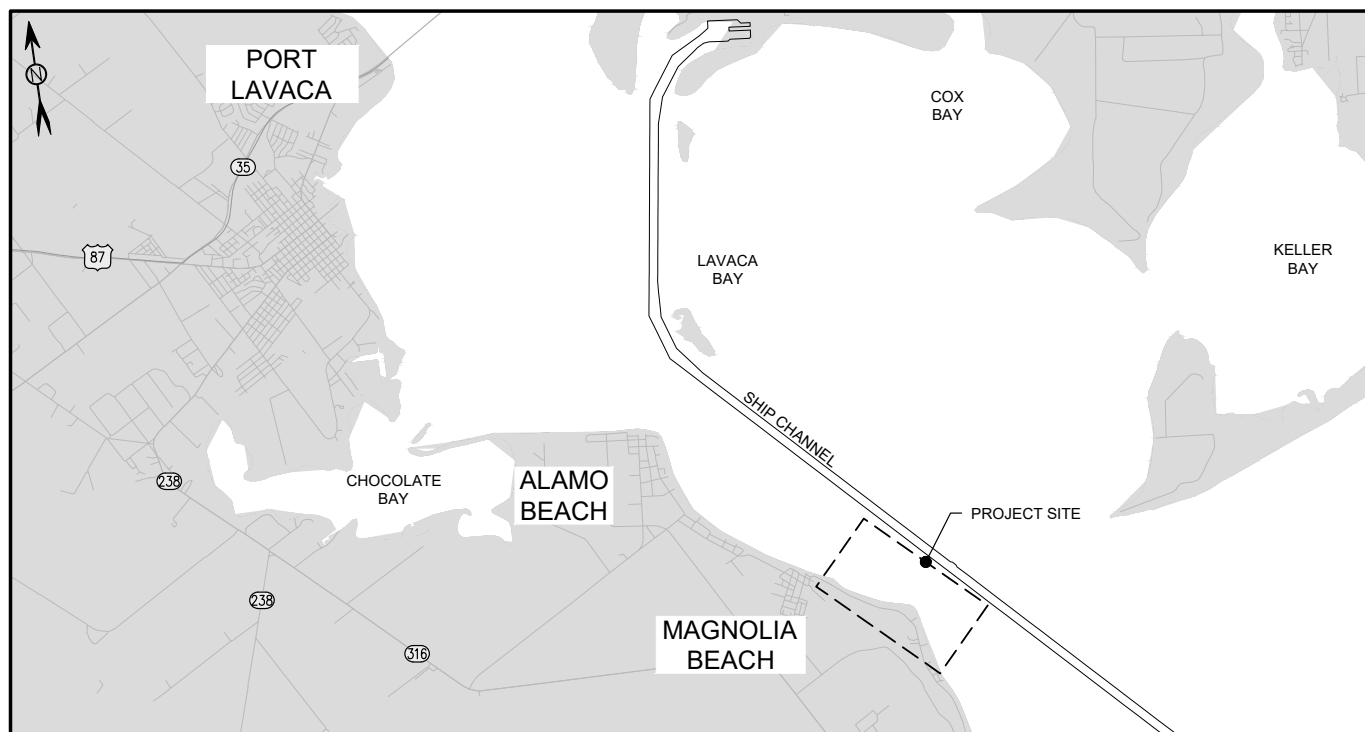
- TURN ONTO FM 2541, CONTINUE FOR 4.6 MILES
- TURN RIGHT ONTO TX-238 S AND CONTINUE ONTO TX-316E FOR 5.6 MILES
- TURN LEFT ONTO FM2760 AND CONTINUE ONTO MARGIE TEWMEY RD FOR 1 MILE.
- TURN RIGHT ONTO OLEANDER AVE/VIVIAN STEVENS ST, THEN LEFT TO WEDIG ST
- CONTINUE ONTO OCEAN DRIVE FOR 1.1 MILES
- TURN LEFT 21ST STREET

NATURE OF ACTIVITY:

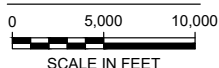
THE PURPOSE OF THIS PROJECT IS TO MITIGATE EROSION OCCURRING ALONG INDIAN POINT, LOCATED AT MAGNOLIA BEACH IN PORT LAVACA, TX. THE PROPOSED WORK IS A SET OF RIPRAP GROINS ACCOMPANIED BY BEACH FILL.

SHEET INDEX

SHEET NO.	TITLE
1	VICINITY - LOCATION MAP
2	EXISTING SITE PLAN
3	PROPOSED SITE PLAN
4	CROSS SECTION - 1
5	CROSS SECTION - 2
6	CROSS SECTION - 3



LOCATION MAP



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APPLICANT: CALHOUN COUNTY

AUGUST 5, 2022

SHEET 1 OF 6



802 North Carancahua
Suite 300
Corpus Christi, Texas 78401
Texas Registered Firm No. 12181
T +1 (361) 661-3061
www.mottmac.com/en-us

SITE ADDRESS:
28° 33' 23.46050" N
96° 31' 27.31871" E

VERIFY SCALE

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



CLIENT: CALHOUN COUNTY
IN: CALHOUN COUNTY
ADJACENT: LAVACA BAY
COUNTY: CALHOUN
STATE: TEXAS
VERTICAL DATUM: NAVD88
HORIZ. DATUM: TSPS NAD83-FT

MAGNOLIA BEACH
SHORELINE PROTECTION
PHASE 1

VICINITY - LOCATION MAP

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

**NOTES:**

1. AERIAL PHOTOGRAPH DATED MAY 9, 2022.
2. BATHYMETRIC AND TOPOGRAPHIC SURVEY WERE CONDUCTED BY T. BAKER SMITH ON FEBRUARY 14TH, 2022.
HORIZONTAL DATUM: NAD83(2011), TEXAS SOUTH CENTRAL ZONE.
VERTICAL DATUM: NAVD88
GRID UNITS: US SURVEY FEET
3. AERIAL AND SURVEYS FROM THE ABOVE SOURCES ARE SHOWN ON THE FOLLOWING SHEETS AND ARE ONLY REPRESENTATIVE OF THE CONDITIONS AT THE TIME TAKEN.

TIDAL WATER LEVELS (FT NAVD88)

HIGH TIDE LINE (HTL)	1.44'
MEAN HIGHER HIGH WATER (MHHW)	1.10'
MEAN SEA LEVEL (MSL)	0.78'
MEAN LOWER LOW WATER (MLLW)	0.38'

PERMIT**APPLICANT: CALHOUN COUNTY**

AUGUST 5, 2022

SHEET 2 OF 6



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96° 31' 27.31871" E

VERIFY SCALE

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

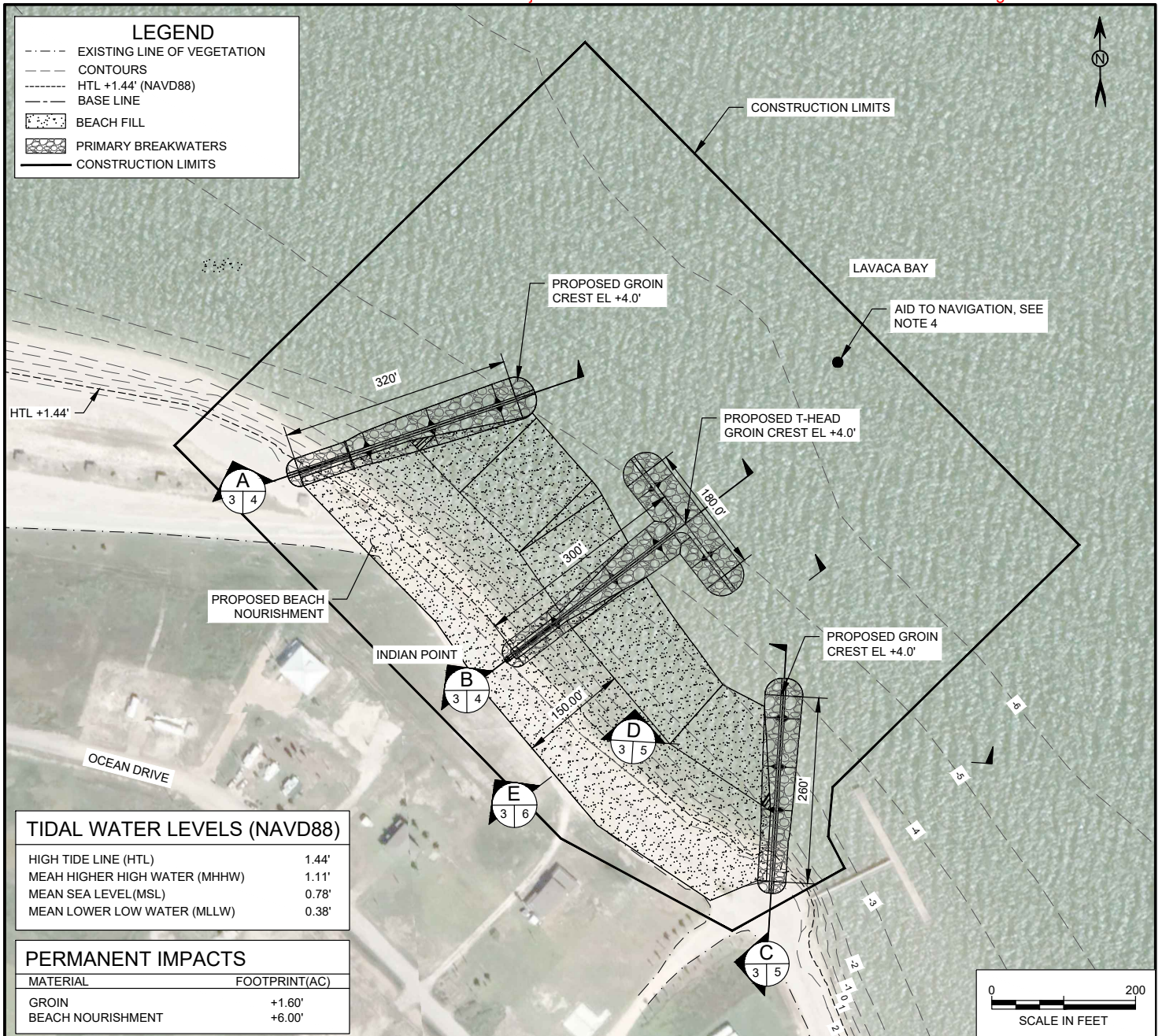
0 1"

CLIENT: CALHOUN COUNTY
IN: CALHOUN COUNTY
ADJACENT: LAVACA BAY
COUNTY: CALHOUN
STATE: TEXAS
VERTICAL DATUM: NAVD88
HORIZ. DATUM: TSPS NAD83-FT

**MAGNOLIA BEACH
SHORELINE PROTECTION
PHASE 1**

EXISTING SITE PLAN

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



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 T +1 (361) 661-3061
 www.mottmacdonald.com/en-us

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 SITE ADDRESS:
 28° 33' 23.46050" N
 96° 31' 27.31871" E
 VERIFY SCALE

 BASE DIRECTION ON ORIGIN
 DRAWING SCALE: 1"=100'
 SHEET ADJUST SCALES ACCORDINGLY

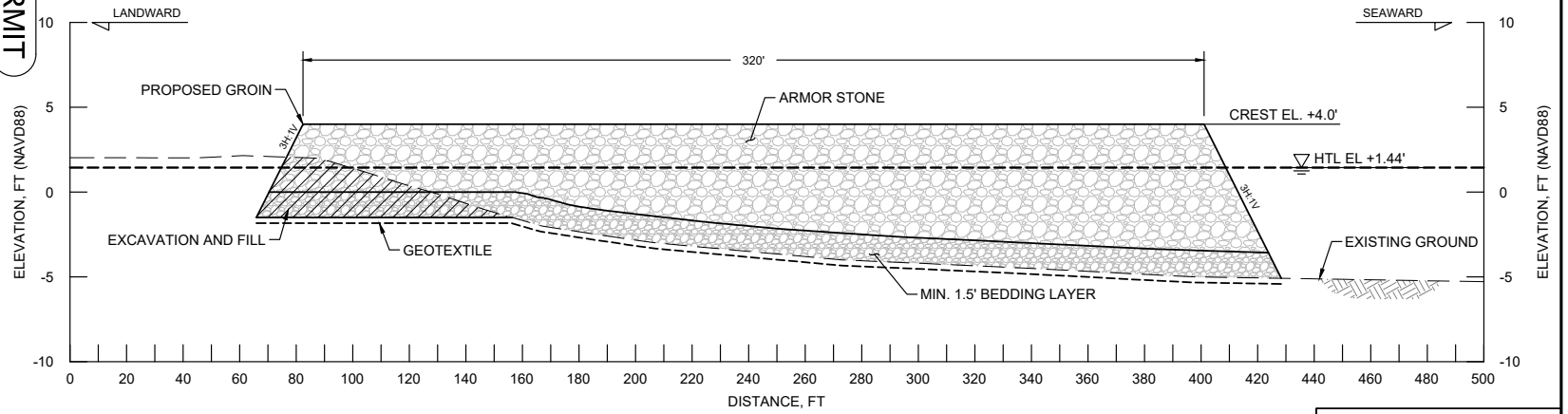
 CLIENT: CALHOUN COUNTY
 IN: CALHOUN COUNTY
 ADJACENT: LAVACA BAY
 COUNTY: CALHOUN
 STATE: TEXAS
 VERTICAL DATUM: TSPS MADS-FT
 HORIZ. DATUM: TSPS MADS-FT

 MAGNOLIA BEACH
 SHORELINE PROTECTION
 PHASE 1

AUGUST 5, 2022

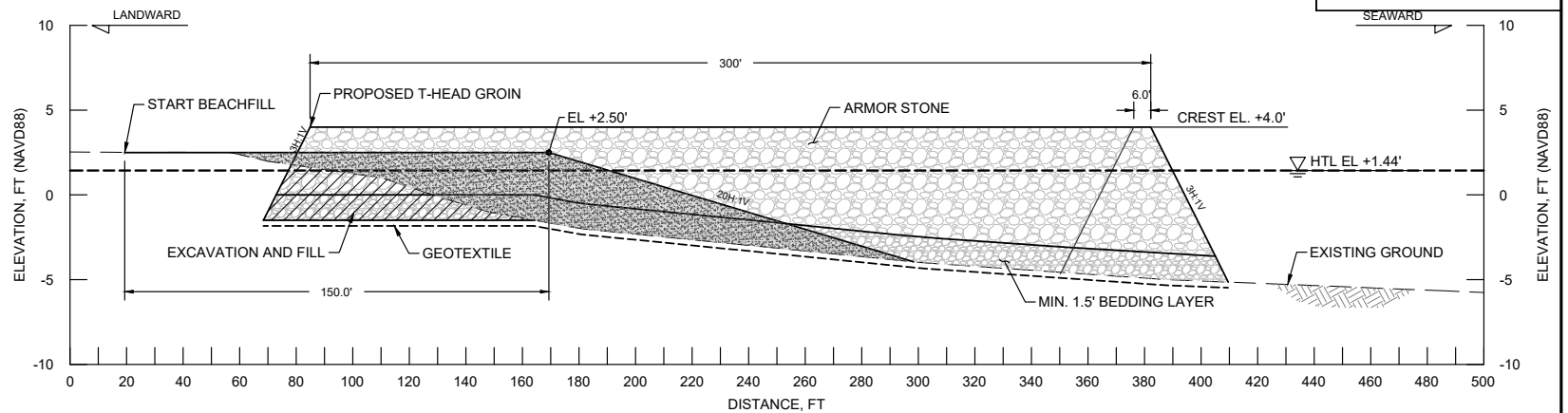
SHEET 4 OF 6

CROSS SECTION - 1


 SECTION
 3 4

 SECTION
 TYPICAL PROPOSED GROIN

 HORIZ. 0 60
 VERT. 0 10
 SCALE IN FEET

LEGEND
 — EXISTING GROUND
 --- GEOTEXTILE
 ARMOR STONE
 THICK BEDDING STONE
 BEACH FILL
 EXCAVATION AND FILL

 SECTION
 3 4

 SECTION
 TYPICAL PROPOSED T-HEAD
 GROIN

 HORIZ. 0 60
 VERT. 0 10
 SCALE IN FEET

NOTES:

1. PROPOSED BEACH FILL LOCATIONS, QUANTITIES, AND ELEVATIONS ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE DURING FINAL DESIGN.

TIDAL WATER LEVELS (FT NAVD88)

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MEAN SEA LEVEL	0.78'
MEAN LOWER LOW WATER (MLLW)	0.38'

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SITE ADDRESS:
28° 33' 23.46050" N
96° 31' 27.31871" E
VERIFY SCALE

DATE: 06/01/2022
DRAWN BY: J. G. GRIFFIN
CHECKED BY: J. G. GRIFFIN
SHEET ADJUST SCALES ACCORDINGLY

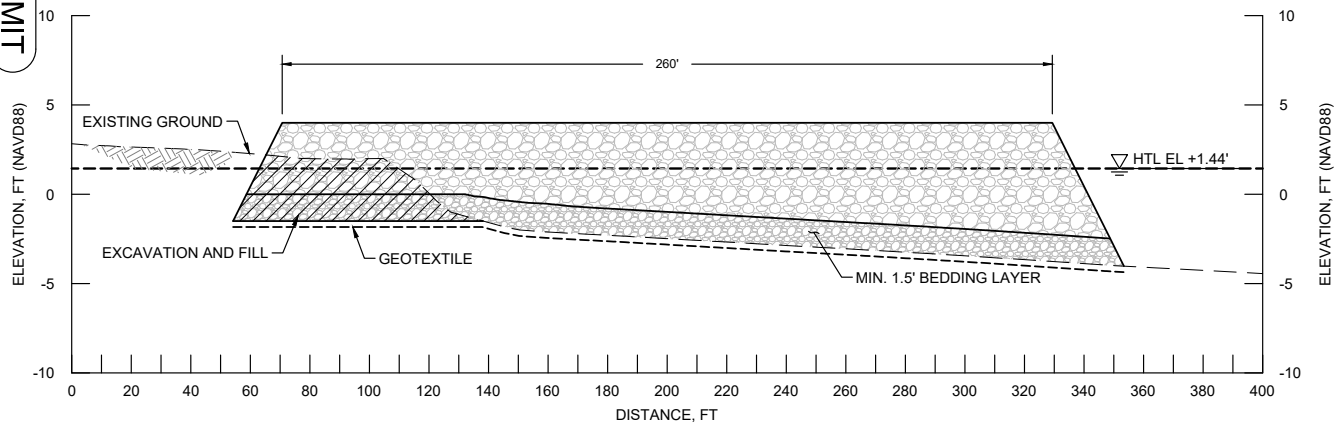
CLIENT: CALHOUN COUNTY
IN: CALHOUN COUNTY
ADJACENT: LAVACA BAY
COUNTY: CALHOUN
STATE: TEXAS
VERTICAL DATUM: TSPS MADS-FT

CROSS SECTION - 2

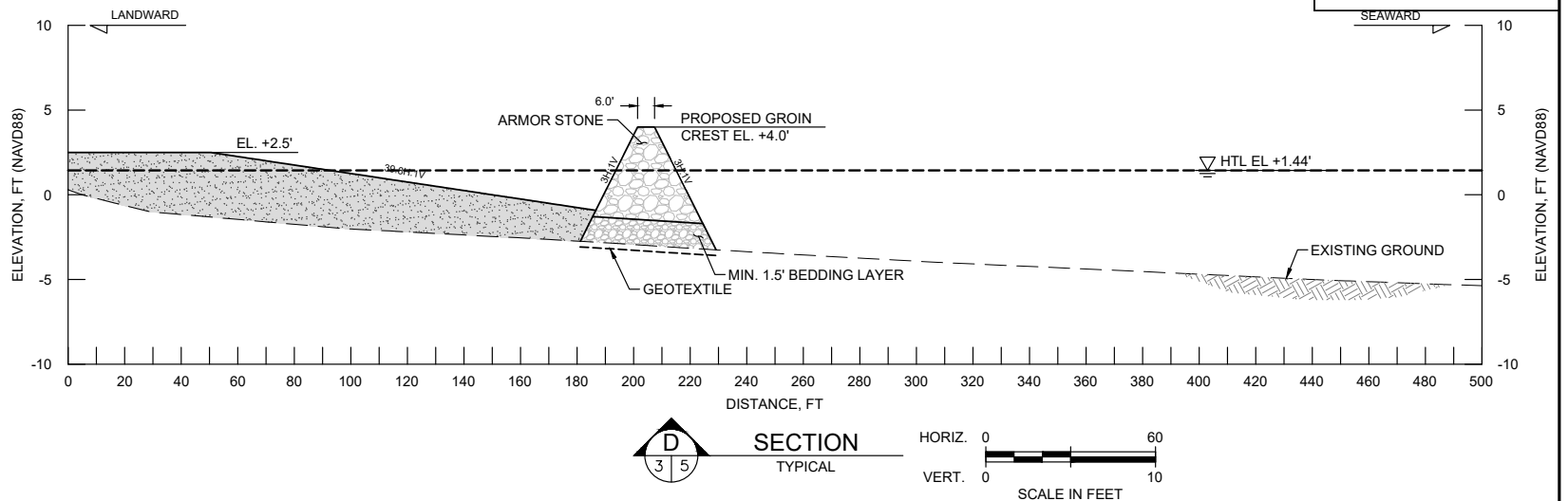
MAGNOLIA BEACH
SHORELINE PROTECTION
PHASE 1

AUGUST 5, 2022

SHEET 5 OF 6



LEGEND	
---	EXISTING GROUND
---	GEOTEXTILE
[Pattern]	ARMOR STONE
[Pattern]	THICK BEDDING STONE
[Pattern]	BEACH FILL
[Pattern]	EXCAVATION AND FILL



NOTES:

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APPLICANT: CALHOUN COUNTY

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SITE ADDRESS:
28° 33' 23.46050" N
96° 31' 27.31871" E

VERIFY SCALE

DATE: 08/05/2022
DRAWN BY: J. MOTT
CHECKED BY: J. MOTT
SHEET ADJUST SCALES ACCORDINGLY

CLIENT: CALHOUN COUNTY
IN: CALHOUN COUNTY
ADJACENT: LAVACA BAY
COUNTY: CALHOUN
STATE: TEXAS

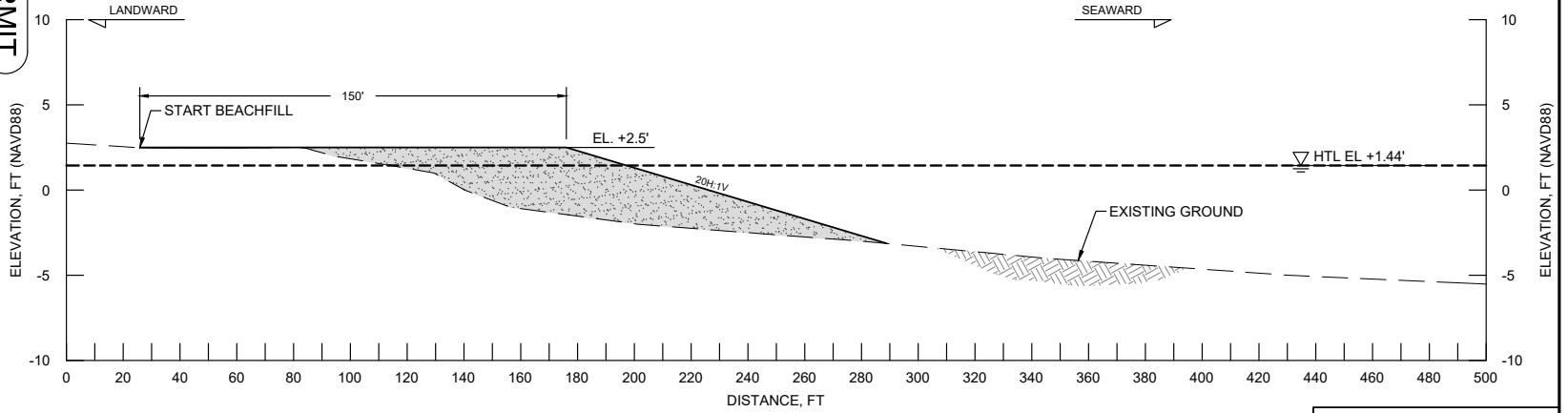
VERTICAL DATUM: NAVD88
HORIZ. DATUM: TSPS MAD83-FT

MAGNOLIA BEACH
SHORELINE PROTECTION
PHASE 1

CROSS SECTION - 3

AUGUST 5, 2022

SHEET 6 OF 6



SECTION
TYPICAL

HORIZ. 0 60
VERT. 0 10
SCALE IN FEET

LEGEND

- EXISTING GROUND
- ARMOR STONE
- THICK BEDDING STONE
- BEACH FILL
- EXCAVATION AND FILL

NOTES:

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