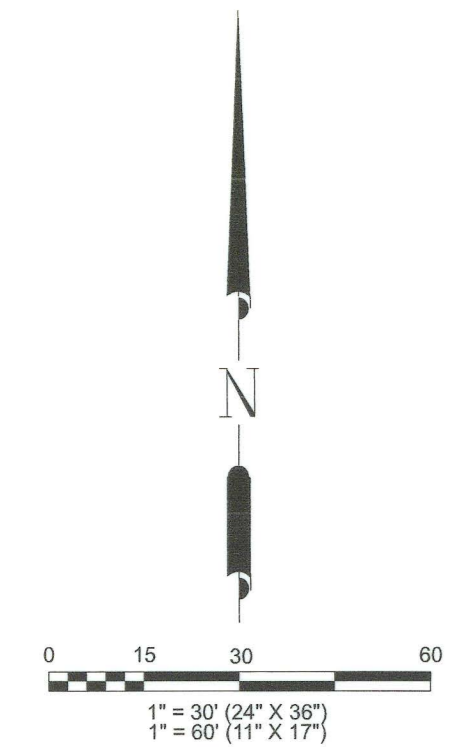
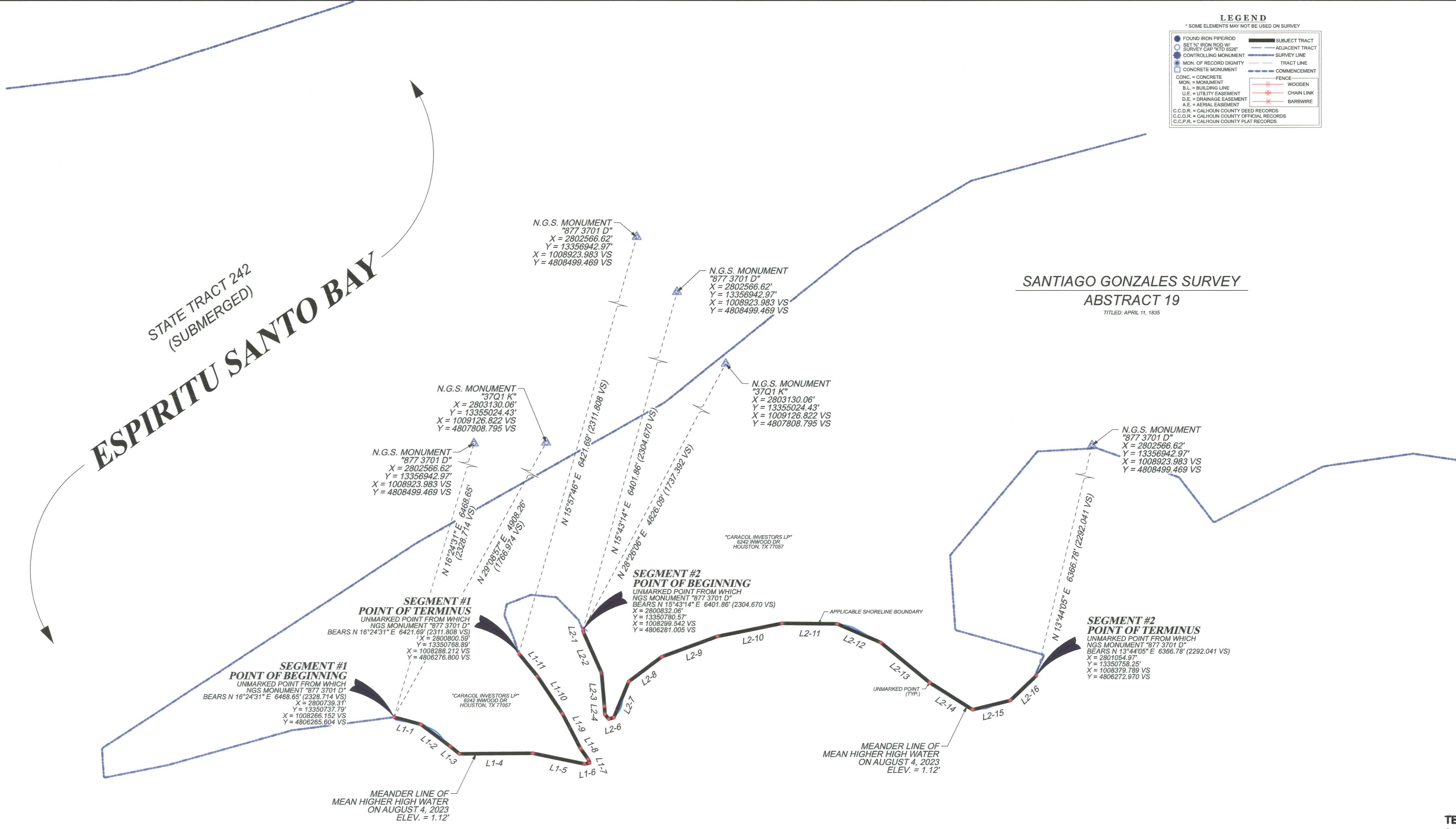


CALHOUN COUNTY TEXAS

- NOTES: 1. ALL COORDINATES AND BEARINGS ARE RELATIVE TO THE TEXAS COORDINATE SYSTEM OF 1983... 2. ALL DISTANCES ARE HORIZONTAL GRID LENGTHS... 3. ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988... 4. MEAN HIGHER HIGH WATER ELEVATION IS FIXED TO NATIONAL GEODETIC SURVEY NGM MONUMENT 3701 K... 5. AERIAL IMAGERY IS SHOWN FOR GENERAL LOCATION BACKGROUND PURPOSES ONLY... 6. FIELD PERSONNEL LIST: KIM DOYLE R.P.L.S., L.S.L.S., JIM PARTEN, JEREMIAH VOGEL... 7. TXGLO CMP PROJECT NO. 23-025-013-D067



STATE TRACT 242 (SUBMERGED)
ESPIRITU SANTO BAY



LEGEND

FOUND IRON PIPE/ROD	SUBJECT TRACT
SET 'N' FROM ROD/PIPE	ADJACENT TRACT
SURVEY LAP 5/10 5/20	TRACT LINE
CONTROLLING MONUMENT	SURVEY LINE
MON. OF RECORD DIGNITY	TRACT LINE
CONCRETE MONUMENT	COMMENCEMENT
CONC. CONCRETE MON. MONUMENT	FENCE
B.L. BUILDING LINE	WOODEN
U.E. UTILITY EASEMENT	CHALK/LINK
D.E. DRAINAGE EASEMENT	BARBWARE
A.E. AERIAL EASEMENT	
C.C.O.R. CALHOUN COUNTY OFFICIAL RECORDS	
C.C.P.R. CALHOUN COUNTY PLAT RECORDS	

SEGMENT #1 FIELD NOTE DESCRIPTION

BEING THE LINE OF MEAN HIGHER HIGH WATER OF THE NORTH SHORELINE OF ESPIRITU SANTO BAY ADJACENT TO THE SANTIAGO GONZALES SURVEY, ABSTRACT 19, AND SUBMERGED STATE TRACT 242 OF ESPIRITU SANTO BAY IN CALHOUN COUNTY, TEXAS, THE MEANDER LINE OF SAID MEAN HIGHER HIGH WATER BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS (COORDINATES AND BEARINGS ARE GRID VALUES REFERENCED TO THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE, AND NGM MONUMENT 877 3701 D'. ALL DISTANCES SHOWN ARE GRID DISTANCES (C.S.F. = 0.9999624).

POINT OF BEGINNING BEING AN UNMARKED POINT, LOCATED AT X = 2800739.31, Y = 13350737.79 (X = 1008299.542 VS, Y = 4806276.800 VS), FROM WHICH NGM MONUMENT 877 3701 D' BEARS NORTH 10°24'31" EAST A DISTANCE OF 6488.65 FEET (2328.714 VS).

THENCE WITH THE MEAN HIGHER HIGH WATER LINE OF ESPIRITU SANTO BAY THE FOLLOWING BEARINGS AND DISTANCES:

LINE NO.	BEARING	DISTANCE	
		FEET	VARAS
L1-1	S 75°04'04"E	13.60'	4.895 VS
L1-2	S 53°13'22"E	18.00'	6.480 VS
L1-3	S 50°52'20"E	5.84'	2.102 VS
L1-4	N 89°34'19"E	36.07'	12.985 VS
L1-5	S 78°22'03"E	25.97'	9.349 VS
L1-6	N 77°03'37"E	2.43'	0.875 VS
L1-7	N 18°43'15"W	1.75'	0.630 VS
L1-8	N 35°17'46"W	6.62'	2.383 VS
L1-9	N 27°36'05"W	19.26'	6.934 VS
L1-10	N 33°55'16"W	22.22'	7.999 VS
L1-11	N 39°23'54"W	14.13'	5.087 VS

SEGMENT #2 FIELD NOTE DESCRIPTION

BEING THE LINE OF MEAN HIGHER HIGH WATER OF THE NORTH SHORELINE OF ESPIRITU SANTO BAY ADJACENT TO THE SANTIAGO GONZALES SURVEY, ABSTRACT 19, AND SUBMERGED STATE TRACT 242 OF ESPIRITU SANTO BAY IN CALHOUN COUNTY, TEXAS, THE MEANDER LINE OF SAID MEAN HIGHER HIGH WATER BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS (COORDINATES AND BEARINGS ARE GRID VALUES REFERENCED TO THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE, AND NGM MONUMENT 877 3701 D'. ALL DISTANCES SHOWN ARE GRID DISTANCES (C.S.F. = 0.9999624).

POINT OF BEGINNING BEING AN UNMARKED POINT, LOCATED AT X = 2800832.06, Y = 13350780.57 (X = 1008299.542 VS, Y = 4806281.005 VS), FROM WHICH NGM MONUMENT 877 3701 D' BEARS NORTH 15°43'18" EAST A DISTANCE OF 6401.86 FEET (2304.670 VS).

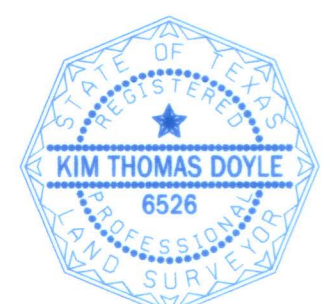
THENCE WITH THE MEAN HIGHER HIGH WATER LINE OF ESPIRITU SANTO BAY THE FOLLOWING BEARINGS AND DISTANCES:

LINE NO.	BEARING	DISTANCE	
		FEET	VARAS
L2-1	S 12°18'29"E	1.22'	0.439 VS
L2-2	S 8°14'43"E	21.88'	7.868 VS
L2-3	S 4°46'58"E	16.43'	5.915 VS
L2-4	S 2°48'44"E	3.95'	1.422 VS
L2-5	S 39°17'41"E	3.07'	1.105 VS
L2-6	N 72°38'18"E	2.62'	0.943 VS
L2-7	N 23°34'22"E	19.05'	6.888 VS
L2-8	N 53°19'25"E	20.46'	7.366 VS
L2-9	N 69°53'49"E	29.08'	10.469 VS
L2-10	N 78°40'02"E	32.39'	11.660 VS
L2-11	S 89°26'34"E	27.18'	9.785 VS
L2-12	S 66°51'14"E	23.30'	8.388 VS
L2-13	S 60°38'37"E	30.93'	11.135 VS
L2-14	S 57°52'15"E	24.99'	8.996 VS
L2-15	N 78°13'44"E	19.04'	6.854 VS
L2-16	N 46°28'22"E	17.72'	6.379 VS

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Calhoun, sk No. 13
File Date: 6/17/24 by L. Parsons

NOTICE: THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH SECTION 33.136, NATURAL RESOURCES CODE, FOR THE PURPOSE OF EVIDENCING THE LOCATION OF THE SHORLINE IN THE AREA DEPICTED IN THIS SURVEY AS THAT SHORLINE EXISTED BEFORE COMMENCEMENT OF EROSION RESPONSE ACTIVITY, AS REQUIRED BY CHAPTER 33, NATURAL RESOURCES CODE. THE LINE DEPICTED ON THIS SURVEY FIXES THE SHORLINE FOR THE PURPOSE OF LOCATING A SHORELINE BOUNDARY, SUBJECT TO MOVEMENT LANDWARD AS PROVIDED BY SECTION 33.136, NATURAL RESOURCES CODE.

THIS SURVEY HAS BEEN FILED FOR RECORD AND DULY RECORDED THIS 20TH DAY OF FEBRUARY, 2024, IN INSTRUMENT NO. 2024-00434, OF THE CALHOUN COUNTY RECORDS.



I, KIM THOMAS DOYLE, A LICENSED STATE LAND SURVEYOR IN AND FOR THE STATE OF TEXAS, DO HEREBY CERTIFY THAT DURING THE MONTH OF AUGUST 2023, I HAVE LOCATED THE NATURAL CONTOUR LINE OF MEAN HIGHER HIGH WATER IN ACCORDANCE WITH METHODOLOGY APPROVED BY THE GENERAL LAND OFFICE, ON THE GROUND, UNDER MY DIRECT CONTROL AND SUPERVISION, ACCORDING TO LAW, IN ACCORDANCE WITH THE NATURAL RESOURCE CODE SECTION 21.042 AND THE WITH THE PERSONNEL STATED, AND THAT SAID CONTOUR LINE IS TRUE AND CORRECT AS SHOWN HEREON TO THE BEST OF MY KNOWLEDGE NO ARTIFICIAL, ANY DEVELOPMENT OR PLACEMENT OF RETAINING WALLS, OTHER THAN AS SHOWN HEREON, THAT WOULD CAUSE ALTERATION TO SAID CONTOUR LINE HAS OCCURRED WITHIN THE AREA SURVEYED.
DATE OF SURVEY: AUGUST 4, 2023
DATE OF PLATMAP: NOVEMBER 27, 2023

Kim T. Doyle
KIM THOMAS DOYLE
REGISTERED PROFESSIONAL LAND SURVEYOR
LICENSED STATE LAND SURVEYOR
TEXAS REGISTRATION NUMBER 6526

ESPIRITU SANTO BAY

STATE TRACT 242 (SUBMERGED)

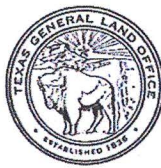
MAP SHOWING
COASTAL BOUNDARY SURVEY OF
THE MEAN HIGHER HIGH WATER LINE
OF THE NORTH SHORELINE OF
ESPIRITU SANTO BAY
ADJACENT TO THE
SANTIAGO GONZALES SURVEY, ABSTRACT 19

IN
CALHOUN COUNTY, TEXAS
FOR
MATAGORDA BAY FOUNDATION
RASBERRY ISLAND AREA

Doyle & Wachtstetter, Inc.
Surveying and Mapping GPS/GIS
131 COMMERCE STREET, CLUTE, TEXAS 77531
OFFICE: 979.265.3622 FAX: 979.265.9940 FIRM NO.: 10024500

THIS DOCUMENT IS RECORDED IN
FILE NO. 2024-00434
SLIDE NO. 718A AND 718B OF THE
CALHOUN COUNTY OFFICIAL RECORDS.

SHEET 1 OF 1
SURVEYED: JAP 08-04-23 BOOK NO.: JAP VOL 43 PROJ. NO.: 12995-23-01-3
DRAWN BY: JDD 11-27-23 CHECKED: KTD 11-28-23 REVISED: JDD 01-23-24



TEXAS GENERAL LAND OFFICE
COMMISSIONER DAWN BUCKINGHAM, M.D.

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Calhoun, SK No. 13
File Date 6/17/24 by L. Parsons

**Surveying Services
Coastal Boundary Survey**

Project: Matagorda Bay Foundation-Raspberry Island Area, Calhoun County.

Project No: TGLO CMP No.23-020-013-D607

Project Manager: Jessica Chappell, TGLO Coastal Management Program

Surveyor: Kim Thomas Doyle, Licensed State Land Surveyor

Description: Coastal Boundary Survey dated August 4, 2023, delineating the mean higher high-water line of the north shoreline of Espiritu Santo Bay, State Tract 242, adjacent to the Santiago Gonzales Survey, Abstract 19, in Calhoun County, Texas in connection with TGLO CMP No.23-020-013-D607. Centroid coordinates N 28.433480°, W 96.409907° WGS84. A copy of the survey has been filed in Instrument: 2024-00434, Slide 718A & 718B, Official Records of Calhoun County, Texas.

A Coastal Boundary Survey for the above-referenced project has been reviewed and accepted by Surveying Services; upon completion of public notice requirements, the survey will be filed in the Texas General Land Office, Archives and Records, in accordance with provisions of the *Texas Natural Resources Code*, Chapter 33.136.

by:

Signed:

Surveying Services

6/5/2024

Date

Pursuant to §33.136 of the *Texas Natural Resources Code*, the herein described Coastal Boundary Survey is approved by Dawn Buckingham, M.D., Commissioner of the Texas General Land Office.

by:

Signed:

DocuSigned by:


7C29014371E7107k
Chief Clerk


6/13/2024

Date

Filed as: *Tex.Nat.Res.Code* Article 33.136 Calhoun County, Sketch No. 13.

ROUTING FOR INTERNAL DOCUSIGN PACKET

Staff Surveyor 

Surveying 

Legal 

Director 

Dep. Gen. Counsel 

Gen. Counsel 

Deputy Land Commissioner 

Chief Clerk 