

CALHOUN COUNTY TEXAS

- NOTES:
1. ALL COORDINATES AND BEARINGS ARE RELATIVE TO THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE, NORTH ARROW SHOWING IS A CHANGE OF REGISTRATION OF TEXAS STATE PLANE GRID NORTH, CONVERGENCE ANGLE AT NATIONAL GEODETIC SURVEY (NGS) MONUMENT "LAVAPORT" = +11806.7."
 2. ALL DISTANCES ARE HORIZONTAL GRID LEVEL LENGTHS. (C.S.F. AT "LAVAPORT" = 0.99993660)
 3. ALL ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE ORTHOMETRIC HEIGHTS DETERMINED USING "GEOID" BASED ON NATIONAL GEODETIC SURVEY (NGS) MONUMENT "LAVAPORT" AT CALLED ELEVATION 27.1 FEET.
 4. MEAN HIGHER HIGH WATER ELEVATION IS FIXED TO NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION MONUMENT "877 3037 D RESET" AT A CALCULATED VALUE OF 8.30 FEET (NAVD88 GEOID).
 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, SEADRIFT, TX 77983
 7. TXGLO CMP PROJECT NO. 23-020-013-0607

LEGEND

* SOME ELEMENTS MAY NOT BE USED ON SURVEY

● FOUND IRON PIPE/ROD	— SUBJECT TRACT
○ SET "X" IRON ROD	— ADJACENT TRACT
○ SURVEY CAP "C" OR "SSP"	— SURVEY LINE
● CONTROLLING MONUMENT	— TRACT LINE
● MON. OF RECORD DIGNITY	— COMMENCEMENT
■ CONCRETE MONUMENT	— FENCE
■ CONC. = CONCRETE	— WOODEN
■ MON. = MONUMENT	— CHAIN LINK
■ B.L. = BUILDING LINE	— BARRIERS
■ U.E. = UTILITY EASEMENT	
■ D.E. = DRAINAGE EASEMENT	
■ A.E. = AERIAL EASEMENT	
C.C.P.R. = CALHOUN COUNTY PLAT RECORDS	
C.C.P.R. = CALHOUN COUNTY OFFICIAL RECORDS	
C.C.P.R. = CALHOUN COUNTY PLAT RECORDS	

N.G.S. MONUMENT "LAVAPORT"
 X = 2711964.53'
 Y = 13428599.02'
 X = 976307.231 VS
 Y = 4834295.647 VS

JOSE FELIX DE LA FUENTES SURVEY
 ABSTRACT 13
 DATE: APRIL 8, 1853

N.G.S. MONUMENT "877 3037 D RESET"
 X = 2703314.17'
 Y = 13339615.96'
 X = 973193.101 VS
 Y = 4802261.746 VS

POINT OF BEGINNING
 UNMARKED POINT FROM WHICH
 NGS MONUMENT "877 3037 D RESET"
 BEARS N 70°31'55" W 2362.28' (850.421 VS)
 X = 2705541.39'
 Y = 13338828.66'
 X = 973994.900 VS
 Y = 4801978.318 VS

N.G.S. MONUMENT "877 3037 D RESET"
 X = 2703314.17'
 Y = 13339615.96'
 X = 973193.101 VS
 Y = 4802261.746 VS

POINT OF TERMINUS
 UNMARKED POINT FROM WHICH
 NGS MONUMENT "877 3037 D RESET"
 BEARS N 63°50'38" W 2701.26' (972.454 VS)
 X = 2705738.91'
 Y = 13338425.20'
 X = 974085.972 VS
 Y = 4801833.072 VS

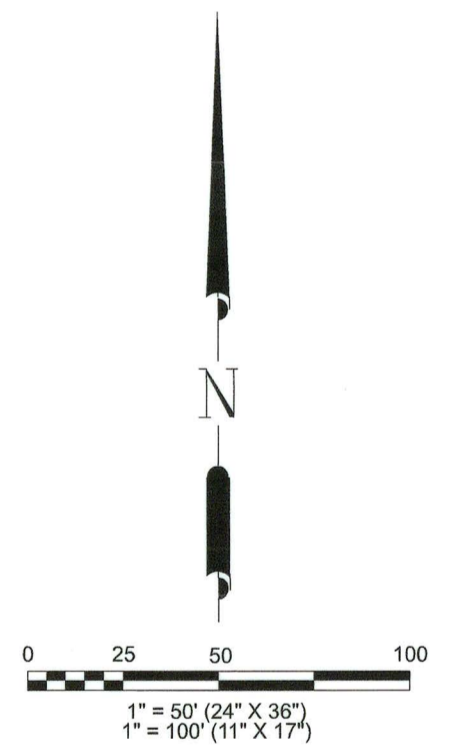
FIELD NOTE DESCRIPTION
 BEING THE LINE OF MEAN HIGHER HIGH WATER OF THE EAST SHORELINE OF SAN ANTONIO BAY ADJACENT TO THE JOSE FELIX DE LA FUENTES SURVEY, ABSTRACT 13, THE MAXIMO CAMPOS SURVEY, ABSTRACT 4 AND SUBMERGED STATE TRACT 133 OF SAN ANTONIO BAY IN CALHOUN COUNTY, TEXAS. THE MEANDER LINE OF SAID 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 NGS MONUMENT "LAVAPORT". ALL DISTANCES SHOWN ARE GRID DISTANCES (C.S.F. = 0.99993660))

POINT OF BEGINNING BEING AN UNMARKED POINT, LOCATED AT X = 2705541.39', Y = 13338828.66' (X = 973994.900 VS, Y = 4801978.318 VS), FROM WHICH NGS MONUMENT "877 3037 D RESET" BEARS NORTH 70°31'55" WEST A DISTANCE OF 2362.28 FEET (850.421 VS).

THENCE WITH THE MEAN HIGHER HIGH WATER LINE OF SAN ANTONIO BAY THE FOLLOWING BEARINGS AND DISTANCES:

LINE NO.	BEARING	DISTANCE	
		FEET	VARAS
L-1	S 19°58'54"E	14.80'	5.328 VS
L-2	S 24°47'10"E	42.15'	15.174 VS
L-3	S 19°14'29"E	20.37'	7.333 VS
L-4	S 12°34'21"E	13.89'	5.000 VS
L-5	S 20°39'44"E	11.81'	4.252 VS
L-6	S 7°00'48"E	15.45'	5.562 VS
L-7	S 15°07'52"E	16.28'	5.778 VS
L-8	S 7°40'28"E	11.00'	3.952 VS
L-9	S 21°31'44"E	17.46'	6.286 VS
L-10	S 16°18'55"E	23.88'	8.597 VS
L-11	S 30°41'53"E	60.43'	21.755 VS
L-12	S 28°27'54"E	38.65'	13.914 VS
L-13	S 23°15'58"E	46.99'	16.916 VS
L-14	S 30°28'47"E	9.07'	3.265 VS
L-15	S 37°35'41"E	104.94'	37.778 VS
L-16	S 28°47'12"E	7.39'	2.660 VS

TO THE POINT OF TERMINUS, BEING AN UNMARKED POINT, LOCATED AT X = 2705738.91', Y = 13338425.20' (X = 974085.972 VS, Y = 4801833.072 VS), FROM WHICH NGS MONUMENT "877 3037 D RESET" BEARS NORTH 63°50'38" WEST A DISTANCE OF 2701.26 FEET (972.454 VS).



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. 2024-00436, 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 JULY 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: JULY 18, 2023
 DATE OF PLATMAP: NOVEMBER 15, 2023



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

MAP SHOWING
 COASTAL BOUNDARY SURVEY OF
 THE MEAN HIGHER HIGH WATER LINE
 OF THE EAST SHORELINE OF
 SAN ANTONIO BAY
 ADJACENT TO THE
 JOSE FELIX DE LA FUENTES SURVEY, ABSTRACT 13
 AND THE MAXIMO CAMPOS SURVEY, ABSTRACT 4
 IN
 CALHOUN COUNTY, TEXAS
 FOR
 MATAGORDA BAY FOUNDATION
 SEADRIFT 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

SURVEYED: JAP 07-18-23 BOOK No.: JAP VOL 43 PROJ. NO.: 12995-23-01
 DRAWN BY: JDD 11-15-23 CHECKED: KTD 11-16-23 REVISED: JDD 01-23-24

THIS DOCUMENT IS RECORDED IN
 FILE NO. 2024-00436
 SLIDE 720A AND 720B
 OF THE CALHOUN COUNTY OFFICIAL RECORDS. SHEET 1 OF 1

USER: jwcm DATE: 2/26/2024 TIME: 5:29:40 PM
 C:\Users\jwcm\OneDrive\Documents\2023\Matagorda Bay Coastal Boundary Surveys\Drawings\Recorded\Plats For GLO\2395-23-01-1 (Seadrift).plg



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

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Calhoun, SK No. 11
File Date 6/6/24 by L. Parsons

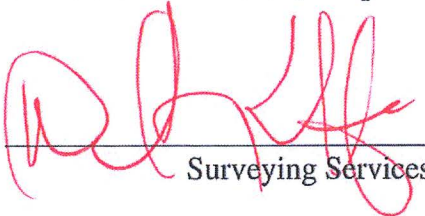
**Surveying Services
Coastal Boundary Survey**

Project: Matagorda Bay Foundation-Seadrift 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 July 18, 2023, delineating the mean higher high-water line of the east shoreline of San Antonio Bay adjacent to the Jose Felix de la Fuentes Survey, Abstract 13 and the Maximo Campos Survey, Abstract 4, in Calhoun County, Texas in connection with TGLO CMP No.23-020-013-D607. Centroid coordinates N 28.405641°, W 96.707053° (N 28° 24' 20", W 96° 42' 25"), WGS84. A copy of the survey has been filed in Instrument: 2024-00436, Slide 720A & 720B, Map or Plat 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


6/4/2024

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:

7C299F4374E7497...
Chief Clerk


6/6/2024

Date

Filed as: *Tex.Nat.Res.Code* Article 33.136 Calhoun County, Sketch No. 11.

ROUTING FOR INTERNAL DOCUSIGN PACKET

Staff Surveyor 

Surveying 

Legal 

Director 

Dep. Gen. Counsel 

Gen. Counsel 

Deputy Land Commissioner 

Chief Clerk 