

1) ALL DISTANCES ARE GRID DISTANCES AND ARE SHOWN IN U.S. SURVEY FEET AND VARAS.

2) ALL BEARINGS SHOWN HEREON ARE GRID BEARINGS AND REFER TO THE TEXAS COORDINATE SYSTEM OF 1983 - SOUTH CENTRAL ZONE, AS DEFINED BY ARTICLE 21.070 OF THE NATURAL RESOURCE CODE OF THE STATE OF TEXAS.

3) ALL COORDINATES SHOWN HEREON ARE GRID COORDINATES AND REFER TO THE TEXAS COORDINATE SYSTEM OF 1983 - SOUTH CENTRAL ZONE, AS DEFINED BY ARTICLE 21.070 OF THE NATURAL RESOURCE CODE OF THE STATE OF TEXAS.

4) LOCAL TIDE GAUGE REFERENCED TO: EAGLE POINT - GALVESTON BAY NATIONAL OCEAN SERVICE STATION ID# 8771013

NOTES:

#LC20050041.

LENGTH OF SERIES: 15 TIDAL EPOCH: 1983 - 2001

CONTROL TIDE STATION: GALVESTON PIER 21 (8771450)

5) ON THE DATE OF THIS SURVEY THERE WAS NO APPARENT FILL OR BUILDUP UPON OR ADJACENT TO THE LINE OF MEAN HIGHER HIGH WATER EXCEPT AS SHOWN HEREON.

6) ON THE DATE OF THIS SURVEY THERE WAS NO APPARENT RETAINING WALL OR OTHER STRUCTURE UPON OR ADJACENT TO THE LINE OF MEAN HIGHER HIGH WATER EXCEPT AS NOTED ON THIS SURVEY.

7) THE LITTORAL BOUNDARY AS SHOWN ON THIS SURVEY WAS LOCATED IN ACCORDANCE WITH METHODOLOGY APPROVED BY THE TEXAS GENERAL LAND OFFICE. 8) THIS SURVEY COMPLIES WITH REQUIREMENTS IN CHAPTER 21 OF THE NATURAL RÉSOURCE CODE OF THE STATE OF TEXAS. 9) PROPOSED EROSION RESPONSE FOR INSTALLATION OF BULKHEAD UNDER GLO

> **TEXAS GENERAL LAND OFFICE** Art. 33.136, Natural Resources Code Co. Galveston, SK No. 93 File Date 6/6/24 by L. Parsons

July 15, 2020

I certify that on the above dates, that the littoral boundary of the herein described property, was surveyed on the ground, according to the law under my direction, and this map together with dimensions and coordinates is true and correct as of the above date.

HIGH TIDE LAND SURVEYING, LLC

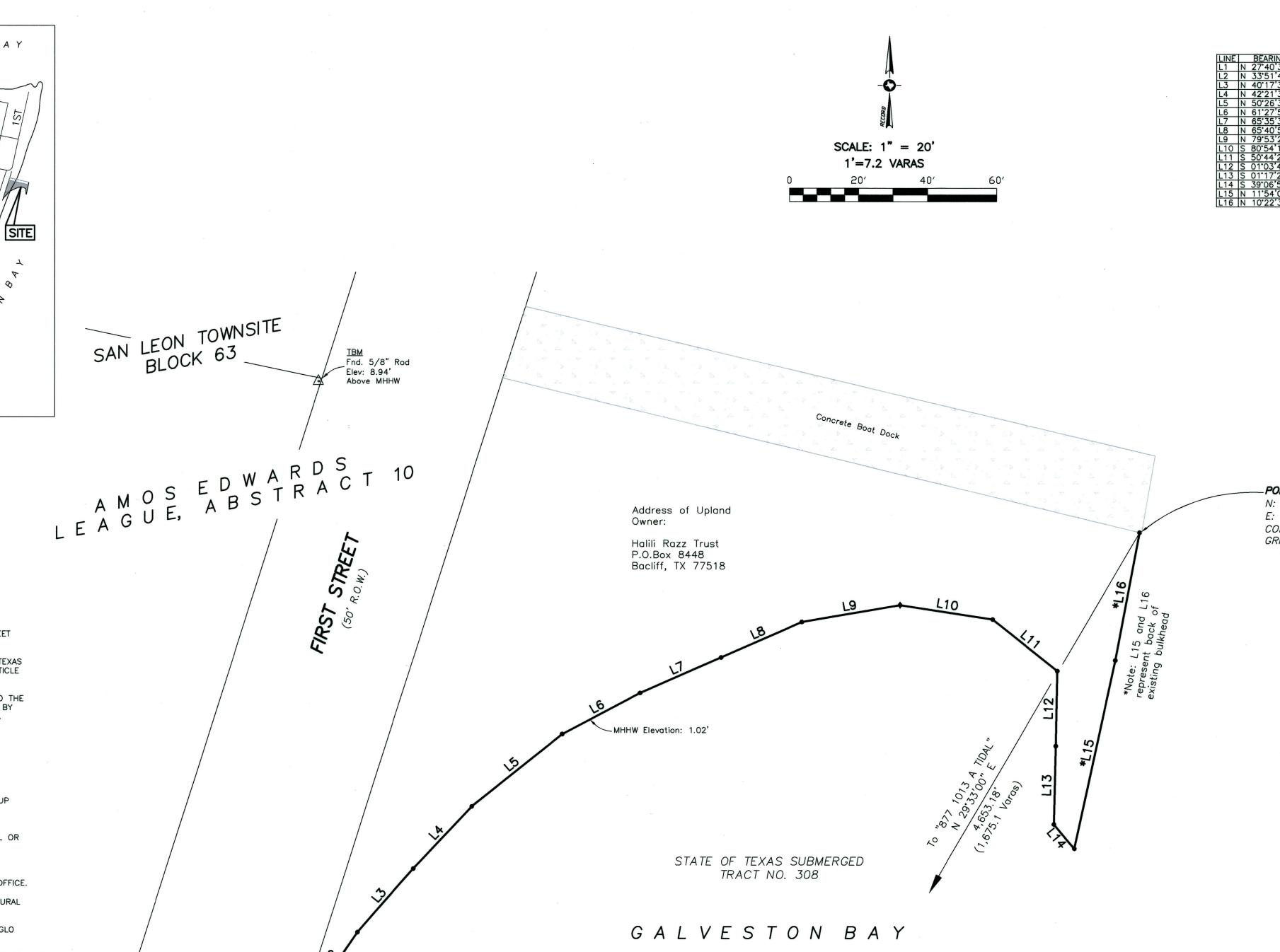
Stephen C. Blaskey Licensed State Land Surveyor email: stephen@hightidesurveying.com



This survey was filed for record in the Glaveston County Surveyor's Records, Book I, Page 257 on September 15, 2020.

NO₄

1013 4 42,13 4



-POINT OF BEGINNING N: 13,748,858.49' E: 3,268,747.22' CONVERGENCE ANGLE: 02°00'10.25679" GRID SCALE FACTOR: 0.999866949'

Fnd. 5/8" Rod

Elev: 8.94' Above MHHW

STRE

FIRST

and Surveying LLC LEAGUE CITY OFFICE Registration Number: 10194549 (281) 554-7739 www.hightidelandsurveying.com 200 HOUSTON AVE, SUITE B / LEAGUE CITY, TX 77573 Mailing | P.O. BOX 16142 | GALVESTON, TX 77552

IG		DISTANCE	VARAS
32"	E	15.14'	5.5
42"	E	20.86'	5.5 7.5
38"	E	25.00'	9.0
34"	E	25.11'	9.0
VG 32" 42" 38" 34" 53" 53" 53" 50" 26" 11" 20" 50" 20" 20" 20" 20" 20" 20" 20" 20" 20" 2	Ε	25.00' 25.11' 33.94'	9.0 9.0 12.2 9.2 9.3 9.2 10.4 9.8 8.7 8.1 8.7 8.1 8.4 3.4 20.7 14.0
53"	F	25 66	9.2
33"	E	25.75'	9.3
50"	Ε	25.64'	9.2
26"	E	28.93'	10.4
11"	E	27.14'	9.8
28"	E	25.75' 25.64' 28.93' 27.14' 24.25'	8.7
47"	W	22.40'	8.1
20"	W	22.40' 23.38'	8.4
50"	Ε	9.35'	3.4
03"	Ε	57.41'	20.7
35"	Ε	38.77'	14.0

FOR GENERAL LAND OFFICE USE ONLY This survey was completed in support of the installation of a bulkhead.

USACE Permit #SWG-1997-00569

-POINT OF TERMINATION N: 13,749,008.66' E: 3,268,992.32'

CONVERGENCE ANGLE: 02°00'11.64394" GRID SCALE FACTOR: 0.999866967

NOTICE:

This survey was performed in accordance with Section 33.136, Natural Resources Code, for the purpose of evidencing the location of the shoreline in the area depicted in this survey as that shoreline existed before commencement of erosion response activity, as required by Chapter 33, Natural Resources Code. The line depicted on this survey fixes the shoreline for the purpose of locating a shoreline boundary, subject to movement landward as provided by Section 33.136, Natural Resources Code.

This survey does not, nor is intended to be used to identify, delineate or fix the line of vegetation or the landward boundary of the public beach. Lines shown hereon were surveyed on the ground by Frank Pizzano and Jacob Weishuhn on July 15, 2020.

COMMENCING at N.G.S. Monument "877 1013 A TIDAL" (AJ4424), said point having the following coordinates: Northing: 13,744,960.73, Easting: 3,266,697.46, a convergence angle of: 01°59'58.1", and a grid scale factor of 0.99987049;

Thence N 27°44'21" E, a distance of 4,403.87' (1,585.4 Varas) to the **POINT OF BEGINNING**, said point lies on the Mean Higher High Water Line of **GALVESTON BAY, STATE SUBMERGED TRACT 308, AND THE AMOS EDWARDS LEAGUE, ABSTRACT 10** and has the following coordinates: Northing: 13,748,858.49', Easting: 3,268,747.22', a convergence angle of 02°00'10.25679", and a grid scale factor of 0.999866949;

Thence meandering along the Mean Higher High Water Line of GALVESTON BAY, STATE SUBMERGED TRACT 308, AND THE AMOS EDWARDS LEAGUE, ABSTRACT 10 the following courses and distances:

(L1)								15.14' (5.5 Varas);
(L2)	Thence	Ν	33°51'42"	Ε,	а	distance	of	20.86' (7.5 Varas);
(L3)	Thence	Ν	40°17'38"	Ε,	а	distance	of	25.00' (9.0 Varas);
(L4)	Thence	Ν	42°21'34"	Ε,	a	distance	of	25.11' (9.0 Varas);
(L5)	Thence	Ν	50°26'32"	Ε,	a	distance	of	33.94' (12.2 Varas);
(L6)	Thence	Ν	61 ° 27'53"	Ε,	а	distance	of	25.66' (9.2 Varas);
(L7)	Thence	Ν	65°35'33"	Ε,	а	distance	of	25.75' (9.3 Varas);
(L8)	Thence	Ν	65°40'50"	Ε,	а	distance	of	25.64' (9.2 Varas);
(L9)	Thence	Ν	79°53'26"	Ε,	a	distance	of	28.93' (10.4 Varas);
(L10)	Thence	S	80°54'11"	Ε,	a	distance	of	27.14' (9.8 Varas);
(L11)	Thence	S	50°44'28"	Ε,	a	distance	of	24.25' (8.7 Varas);
(12)	Thence	S	01°03'47"	W,	a	distance	of	22.40' (8.1 Varas);
(L13)	Thence	S	01°17'20"	W,	а	distance	of	23.38' (8.4 Varas);
(L14)	Thence	S	39'06'50"	Ε,	а	distance	of	9.35' (3.4 Varas);
(L15)	Thence	Ν	11°54'03"	Ε,	a	distance	of	57.41' (20.7 Varas);

(L16) Thence N 10°22'35" E, a distance of 38.77' (14.0 Varas) to the POINT OF TERMINATION, said point having the following coordinates: Northing: 13,749,008.66', Easting: 3,268,992.32, a convergence angle of 02°00'11.64394", and a grid scale factor of 0.0.999866967, said point also lies N 29°33'00" E, at a distance of 4,653.18' (1,675.1 Varas) from said N.G.S. Monument 877 1013 A TIDAL (AJ4424).

COASTAL BOUNDARY SURVEY OF A TRACT OF LAND OUT OF THE SAN LEON TOWNSITE - AMOS EDWARDS LEAGUE, ABSTRACT 10 SITUATED IN GALVESTON COUNTY, TEXAS, LYING 14.9 MILES, NORTH 31°37'00" WEST OF THE GALVESTON COUNTY COURTHOUSE



TEXAS GENERAL LAND OFFICE COMMISSIONER DAWN BUCKINGHAM, M.D.NAS 130, Natural 55, NO. 2015 Surveying Services Coastal Boundary Surve-con Townait

San Leon Townsite, Amos Edwards League, Abstract-10, Bulkhead **Project:**

LC20050041 **Project No:**

Project Manager: Amy Nunez, Dianna Ramirez, Coastal Field Operations

Surveyor: Stephen Blaskey, Licensed State Land Surveyor

Coastal Boundary Survey dated July 15, 2020, delineating the littoral **Description:** boundary of potions of Galveston Bay, State Submerged Tract 308, and the Amos Edwards League, Abstract 10 in Galveston County, Texas, in connections with GLO No. LC20050041. Centroid coordinates 29.4915 N, 94.9115 W, WGS84. A copy of the survey has been filed in Book I, Page 257 in Galveston County Surveyors Records in the Galveston County Engineers Office.

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 David Klotz, LSLS

CHief Clerk

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:

6/6/2024

Date

Filed as: Tex.Nat.Res.Code Article 33.136 Galveston County, Sketch No. 93.

11700 North Congress Avenue, Austin, Texas 78701-1495 P.O. Box 12873, Austin, Texas 78711-2873 512-463-5001 glo.texas.gov

ROUTING FOR INTERNAL DOCUSIGN PACKET

Staff Surveyor
Surveying
Legal
Director
Dep. Gen. Counsel
Gen. Counsel
Deputy Land Commissioner
Chief Clerk