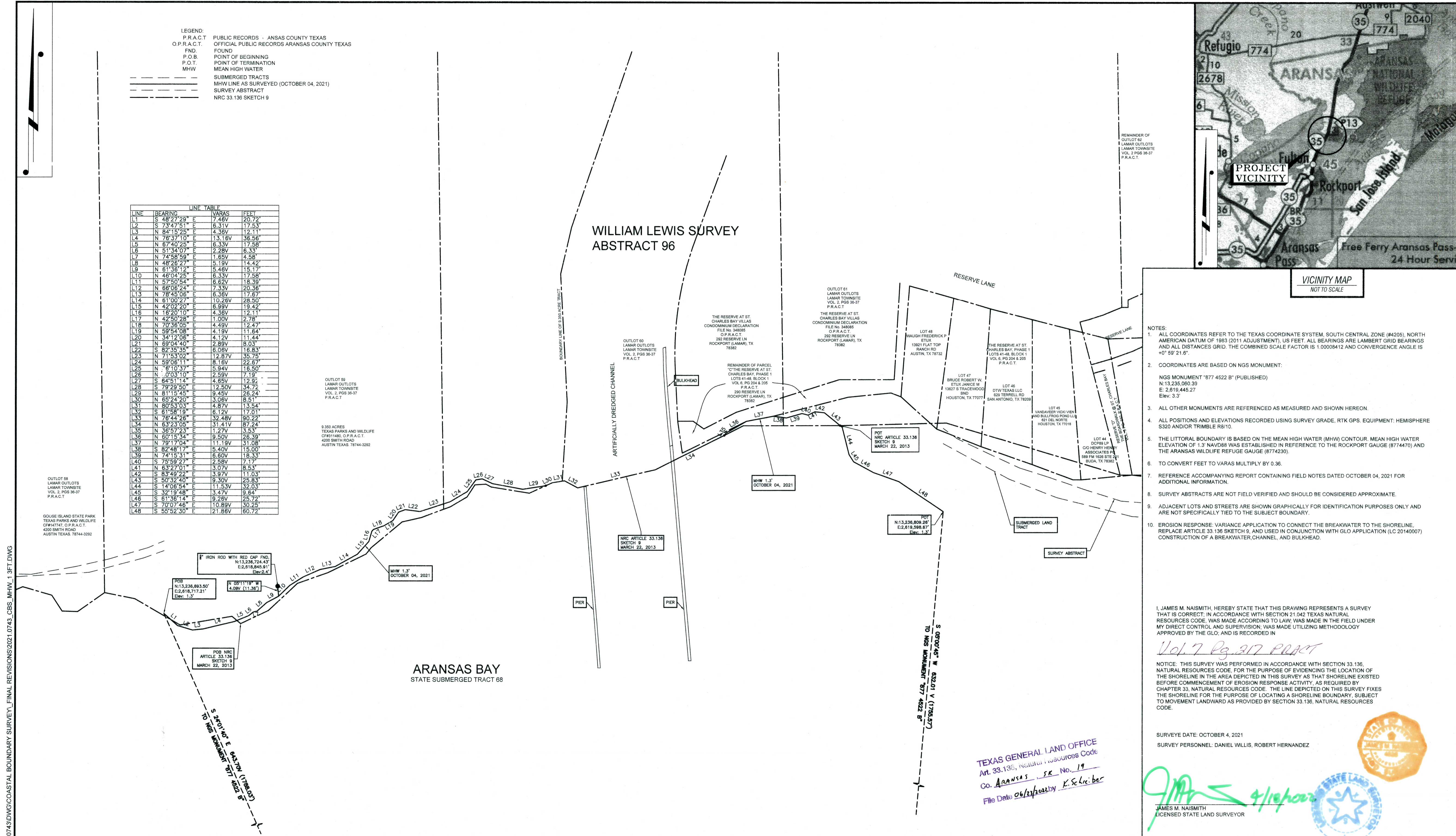


LEGEND:
 P.R.A.C.T. PUBLIC RECORDS - ANSAS COUNTY TEXAS
 O.P.R.A.C.T. OFFICIAL PUBLIC RECORDS ARANSAS COUNTY TEXAS
 F.N.D. FOUND
 P.O.B. POINT OF BEGINNING
 P.O.T. POINT OF TERMINATION
 MHW MEAN HIGH WATER
 --- SUBMERGED TRACTS
 --- MHW LINE AS SURVEYED (OCTOBER 04, 2021)
 --- SURVEY ABSTRACT
 --- NRC 33.136 SKETCH 9

| LINE | BEARING | VARAS | FEET |
|------|-------------|----------|--------|
| L1 | S 48°27'29" | E 7.46V | 20.72' |
| L2 | S 73°47'51" | E 6.31V | 17.53' |
| L3 | N 84°15'25" | E 4.36V | 12.11' |
| L4 | N 76°37'10" | E 13.16V | 36.56' |
| L5 | N 67°40'25" | E 6.33V | 17.58' |
| L6 | N 51°34'07" | E 2.28V | 6.33' |
| L7 | N 74°58'59" | E 1.65V | 4.58' |
| L8 | N 48°26'27" | E 5.19V | 14.42' |
| L9 | N 61°36'12" | E 5.46V | 15.17' |
| L10 | N 46°04'25" | E 6.33V | 17.58' |
| L11 | N 57°50'54" | E 6.62V | 18.39' |
| L12 | N 66°06'24" | E 7.33V | 20.36' |
| L13 | N 78°45'06" | E 6.36V | 17.67' |
| L14 | N 61°00'27" | E 10.26V | 28.50' |
| L15 | N 42°02'20" | E 6.99V | 19.42' |
| L16 | N 16°20'10" | E 4.36V | 12.11' |
| L17 | N 42°50'28" | E 1.00V | 2.78' |
| L18 | N 70°36'05" | E 4.49V | 12.47' |
| L19 | N 59°54'08" | E 4.19V | 11.64' |
| L20 | N 34°12'06" | E 4.12V | 11.44' |
| L21 | N 69°04'40" | E 2.89V | 8.03' |
| L22 | S 82°35'35" | E 6.06V | 16.83' |
| L23 | N 71°53'02" | E 12.87V | 35.75' |
| L24 | N 59°06'11" | E 8.16V | 22.67' |
| L25 | N 61°10'37" | E 5.94V | 16.50' |
| L26 | N 0°03'10" | E 2.59V | 7.19' |
| L27 | S 64°51'14" | E 4.65V | 12.92' |
| L28 | S 79°29'50" | E 12.50V | 34.72' |
| L29 | N 81°15'45" | E 9.45V | 26.24' |
| L30 | N 65°24'20" | E 3.06V | 8.51' |
| L31 | N 80°53'03" | E 4.87V | 13.54' |
| L32 | S 61°58'19" | E 8.12V | 22.61' |
| L33 | N 76°44'26" | E 32.48V | 90.22' |
| L34 | N 63°23'05" | E 31.41V | 87.24' |
| L35 | N 36°57'23" | E 1.27V | 3.53' |
| L36 | N 60°15'34" | E 9.50V | 26.39' |
| L37 | N 79°17'04" | E 11.19V | 31.08' |
| L38 | S 82°48'17" | E 5.40V | 15.00' |
| L39 | N 74°15'31" | E 6.60V | 18.33' |
| L40 | S 75°59'27" | E 2.58V | 7.17' |
| L41 | N 63°27'01" | E 3.07V | 8.53' |
| L42 | S 83°49'22" | E 3.97V | 11.03' |
| L43 | S 50°32'40" | E 9.30V | 25.83' |
| L44 | S 64°06'54" | E 11.53V | 32.03' |
| L45 | S 32°19'48" | E 3.47V | 9.84' |
| L46 | S 61°36'14" | E 9.26V | 25.72' |
| L47 | S 70°07'46" | E 10.89V | 30.25' |
| L48 | S 55°52'30" | E 21.86V | 60.72' |

4/17/2022 - P:\1\2021\2021-0743\DWG\COASTAL BOUNDARY SURVEY_FINAL REVISIONS\2021.0743_CBS_MHW_1_3FT.DWG



- NOTES:
- ALL COORDINATES REFER TO THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE (#4205), NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT), US FEET. ALL BEARINGS ARE LAMBERT GRID BEARINGS AND ALL DISTANCES GRID. THE COMBINED SCALE FACTOR IS 1.00008412 AND CONVERGENCE ANGLE IS +0° 59' 21.6".
 - COORDINATES ARE BASED ON NGS MONUMENT:
 NGS MONUMENT "877 4522 B" (PUBLISHED)
 N: 13,235,060.39
 E: 2,619,445.27
 Elev: 3.3'
 - ALL OTHER MONUMENTS ARE REFERENCED AS MEASURED AND SHOWN HEREON.
 - ALL POSITIONS AND ELEVATIONS RECORDED USING SURVEY GRADE, RTK GPS. EQUIPMENT: HEMISPHERE S320 AND/OR TRIMBLE R810.
 - THE LITTORAL BOUNDARY IS BASED ON THE MEAN HIGH WATER (MHW) CONTOUR. MEAN HIGH WATER ELEVATION OF 1.3' NAVD88 WAS ESTABLISHED IN REFERENCE TO THE ROCKPORT GAUGE (8774470) AND THE ARANSAS WILDLIFE REFUGE GAUGE (8774230).
 - TO CONVERT FEET TO VARAS MULTIPLY BY 0.36.
 - REFERENCE ACCOMPANYING REPORT CONTAINING FIELD NOTES DATED OCTOBER 04, 2021 FOR ADDITIONAL INFORMATION.
 - SURVEY ABSTRACTS ARE NOT FIELD VERIFIED AND SHOULD BE CONSIDERED APPROXIMATE.
 - ADJACENT LOTS AND STREETS ARE SHOWN GRAPHICALLY FOR IDENTIFICATION PURPOSES ONLY AND ARE NOT SPECIFICALLY TIED TO THE SUBJECT BOUNDARY.
 - EROSION RESPONSE: VARIANCE APPLICATION TO CONNECT THE BREAKWATER TO THE SHORELINE. REPLACE ARTICLE 33.136 SKETCH 9, AND USED IN CONJUNCTION WITH GLO APPLICATION (LC 20140007) CONSTRUCTION OF A BREAKWATER, CHANNEL, AND BULKHEAD.

I, JAMES M. NAISMITH, HEREBY STATE THAT THIS DRAWING REPRESENTS A SURVEY THAT IS CORRECT, IN ACCORDANCE WITH SECTION 21.042 TEXAS NATURAL RESOURCES CODE, WAS MADE ACCORDING TO LAW. WAS MADE IN THE FIELD UNDER MY DIRECT CONTROL AND SUPERVISION. WAS MADE UTILIZING METHODOLOGY APPROVED BY THE GLO, AND IS RECORDED IN

Vol. 7 Pg. 317 PRACT

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.

SURVEY DATE: OCTOBER 4, 2021
 SURVEY PERSONNEL: DANIEL WILLIS, ROBERT HERNANDEZ

James M. Naismith
 JAMES M. NAISMITH
 LICENSED STATE LAND SURVEYOR

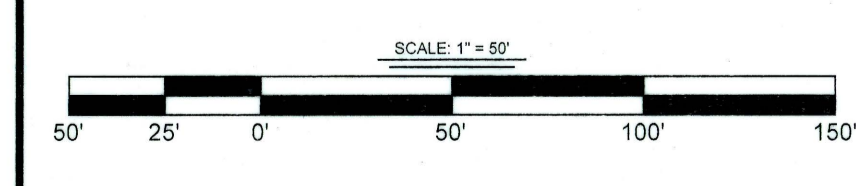
TEXAS GENERAL LAND OFFICE
 Art. 33.136, Natural Resources Code
 Co. ARANSAS, SK No. 19
 File Date 06/23/2022 by K. Schreiber

NOTES:

| | | |
|-----------|------------|-------------------|
| 00 | --- | |
| REV. NO. | REV. DATE: | REV. DESCRIPTION: |
| REVISIONS | | |

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| | | |

T. BAKER SMITH
 A CENTURY OF SOLUTIONS
 3854 FM 1069
 Aransas Pass, TX 78336
 (361)334-5719 - tbsmith.com
 TBPLS #10194575



| | | | |
|---------------|-----------------------------|--------------|-----------|
| DRAWN BY: | SEM | APPROVED BY: | --- |
| DATE: | 04/17/2022 | JOB NO.: | 2021.0743 |
| DRAWING NAME: | 2021.0743_CBS_MHW_1.3 | | |
| PROJECTION: | Texas South Central | | |
| GEO. DATUM: | NAD83 VERT. DATUM: NAVD88 | | |
| GRID UNITS: | US SURVEY FEET | | |
| SHEET NO.: | 1 | OF | 1 |

Reserve at St. Charles Bay
McCombs Properties
 Being the Littoral Boundary along the Mean High Water line of Aransas Bay, being a portion of the southerly boundary line of the William Lewis Survey, Abstract No. 96, Outlots 59,60, & 61 of the Lamar Townsite, as recorded in Volume 2, Page 37 of the Plat Records of Aransas County, Texas, and same being the northerly boundary line of Aransas Bay and State Submerged land tract No. 68, Aransas County, Texas



TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

Surveying Division
Coastal Boundary Survey Approval

Project: Reserve at St. Charles Bay – Aransas County Texas.

Project No: GLO – CL20140007

Project Manager: Amy Nuñez, Manager, Corpus Christi-Lower Coast
Texas General Land Office

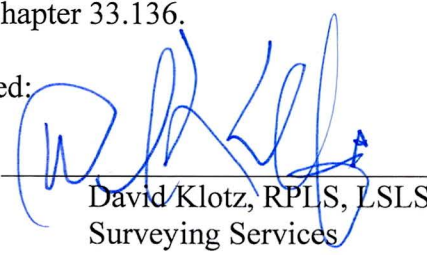
Surveyor: James M. Naismith, Licensed State Land Surveyor

Description: Coastal Boundary Survey along the Mean High Water (MHW) line of Aransas Bay, being a portion of the southerly boundary line of the William Lewis Survey, Abstract No. 96, Outlots 59, 60, & 61 of the Lamar Townsite, as recorded in Volume 2, Page 37 of the Plat Records of Aransas County, Texas (PRACT), and same being the northerly boundary line of Aransas Bay and State Submerged Land Tract No. 68, Aransas County, Texas. Survey dated October 2021, in connection with General Land Office CL-20140007. Centroid coordinates 28° 7'48.15"N, 96°58'52.24"W, WGS84. A copy of the survey has been filed in Volume 7, Page 217, Plat Records Aransas County Texas.

A Coastal Boundary Survey for the above-referenced project has been reviewed and accepted; 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.

Approved:

Signed:


David Klotz, RPLS, LSLS
Surveying Services

5/17/2022
Date

Approval Filed as:

Tex.Nat.Res.Code Article 33.136 Aransas County, Sketch No. 19.

TEXAS GENERAL LAND OFFICE

Art. 33.136, Natural Resources Code

Co. Aransas, SK No. 19

File Date 06/23/2022 by K. Schreiber

T. Baker Smith, LLC

www.tbsmith.com

(31) 334-5719

FIRM #10194575



October 2021

BUILD UP/FILL AREA REPORT TO ACCOMPANY COASTAL BOUNDARY SURVEY OF A PORTION OF THE SOUTHERLY BOUNDARY LINE OF THE WILLIAM LEWIS SURVEY, ABSTRACT NO. 96, OUTLOTS 59, 60, & 61 OF THE LAMAR TOWNSITE, AS RECORDED IN VOLUME 2, PAGE 37 OF THE PLAT RECORDS, ARANSAS COUNTY, TEXAS AND SAME BEING THE NORTHERLY BOUNDARY LINE OF ARANSAS BAY AND STATE SUBMERGED LAND TRACT NO. 68, ARANSAS COUNTY, TEXAS

This report accompanies a map of survey dated October 2021



TEXAS GENERAL LAND OFFICE
Art. 36.106, Natural Resources Code

Co. ARANSAS, No. 19

File Date 06/23/2022 by K. Sc. Scriber

Figure 1: Aransas Bay West Pier, Artificial Fill Area 1 within survey area.





Figure 2: Aransas Bay East Pier, Artificial Fill Area 2 within survey area.

All survey work was performed using survey grade RTK GPS base and rover: Hemisphere S320, and/or Trimble R8/R10 receivers. The survey was conducted October 19, 2021.

SURVEY CONTROL: One NGS survey marker was used as primary control:

"877 4522 B" (N: 13,235,060.39, E: 2,619,445.27, Elev: 3.3' NAVD88), Published, and one secondary control point: 5/8" iron rod found, called in Article 33.136 sketch 9 set by J.L. Brundrett, 09 April 2013 (N: 13,236,724.43, E: 2,618,845.91, Elev: 2.4').

| | Northing | Easting | Elevation |
|-------------------------------------|---------------|--------------|-----------|
| NGS BENCHMARKS | | | |
| NGS Monument 877 4522 B (Published) | 13,235,060.39 | 2,619,445.27 | 3.3' |
| 5/8" iron rod found with red cap | 13,236,724.43 | 2,618,845.91 | 2.4' |

Table 1: NGS benchmarks used as primary & secondary control for the survey. Datum is NAD 83 (2011), South Central Zone, Texas Coordinate System (US Feet). Orthometric heights referenced to NAVD88 datum (Geoid 18).

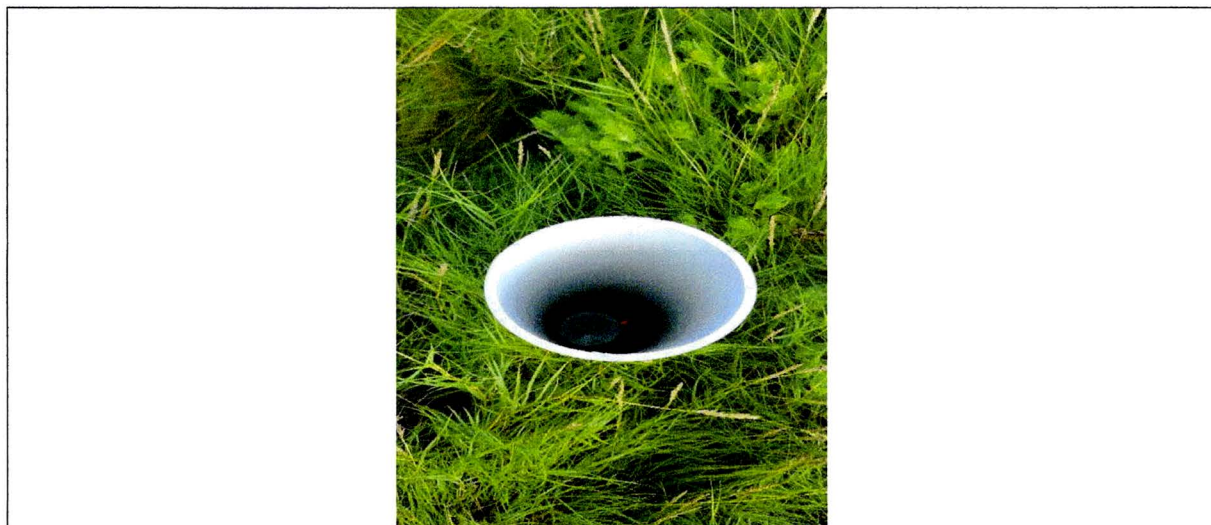


Figure 2: NGS Benchmark "877 4522 B"
(N: 13,235,060.39, E: 2,619,445.27, Elev: 3.3' NAVD88) Published



Figure 3: 5/8" iron rod found with red cap, set by J.L. Brundrett 09 April 2013 noted in Article 33.136 Sketch 9 (N: 13,236,724.43, E: 2,618,845.91, Elev: 2.4' NAVD88)

STATE OWNERSHIP BOUNDARY: As referenced to this survey, the elevation of MHW on the Aransas Bay shoreline is 1.3 feet (datum is NAVD88) The tide gauge is referenced to the Rockport Gauge (8774470) and the Aransas Wildlife Refuge Gauge (8774230)

EXISTING FILL: There is apparent existing artificial fill in that portion of the current survey area where the previously established MHW/littoral boundary line (NRC Article 33.136 Sketch 9, 2013) is landward of the current (October 2021) MHW line, said area of artificial fill being described by metes and bounds as follows:

FIELD NOTES for the boundary of a 0.11 acre tract of land and a 0.14 acre tract of land, being an area of Build Up / Artificial Fill lying along a breakwater, channel, and Bulkhead construction project, GLO application (LC20140007)). MHW line and the MHW line/littoral boundary established by Aransas County NRC Article 33.136 Sketch 9 coastal boundary survey performed in 2013, along the Aransas Bay shoreline. Being the southerly boundary of the William Lewis Survey Abstract 96, Lamar Outlots 59, 60, and 61, Lamar Townsite Volume 2 Pages 36-37 P.R.A.C.T., and being along the Northerly boundary of Submerged land tract 68. Aransas County, Texas. Distances, bearings, and coordinates are grid, North American Datum of 1983 (2011 Adjustment), South Central Zone (4204) of the Texas Coordinate System;

TRACT 1 - BUILD UP / AREA FILL

Beginning on the MHW (Mean High Water) line, (N: 13,236,839.15, E: 2,619,150.73, Elev: 1.3' NAVD 88) from which NGS Monument "877 4522 B" (N: 13,235,060.39', E: 2,619,445.27', Elev: 3.3' NAVD88) bears S09°24'09" E a distance of 649.07V (1802.96').

Thence along the toe of Artificial fill, the following (14) courses and distances:

1. S 74°28'03" E a distance of 8.90V(24.72');
2. S 06°48'10" E a distance of 12.93V(35.91');
3. S 00°06'34" W a distance of 23.58V(65.51');
4. S 07°52'50" E a distance of 4.91V(13.64');
5. S 05°54'57" W a distance of 4.20V(11.67');
6. S 05°02'11" E a distance of 18.27V(50.75');
7. S 12°59'05" E a distance of 9.59V(26.64');
8. S 42°04'44" E a distance of 2.85V(7.91');
9. N 82°55'08" E a distance of 4.32V(12.01');
10. N 29°36'34" E a distance of 3.04V(8.45');
11. N 04°38'46" W a distance of 74.25V(206.24');
12. S 76°44'26" W a distance of 3.52V(9.77');
13. N 61°58'19" W a distance of 6.12V(17.01');
14. S 75°49'27" W a distance of 7.13V (19.81') to the point of beginning having an area of 0.11 acres more/less.




TRACT 2 - BUILD UP / AREA FILL

Beginning on the MHW (Mean High Water) line,
(N: 13,236,865.78, E: 2,619,290.88, Elev: 1.3' NAVD 88) from which NGS Monument "877 4522 B" (N:
13,235,060.39', E: 2,619,445.27', Elev: 3.3' NAVD88) bears S04°53'17" E a distance of 652.31V
(1811.96').

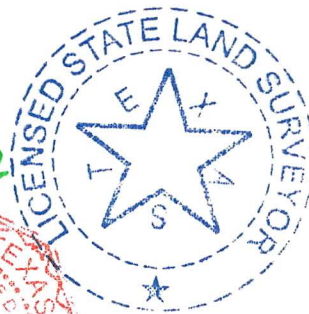
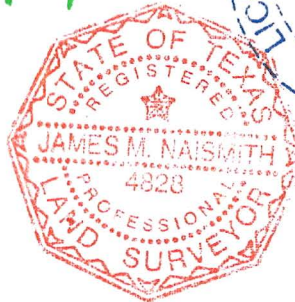
Thence along the toe of Artificial fill, the following (10) courses and distances:

1. S 05°01'17" E a distance of 81.35V(225.99');
2. S 64°25'33" E a distance of 3.92V(10.89');
3. N 78°38'52" E a distance of 3.44V(9.55');
4. N 25°45'09" E a distance of 3.56V(9.90');
5. N 06°29'08" W a distance of 34.09V(94.69');
6. N 00°19'45" W a distance of 20.68V(57.44');
7. N 06°31'53" W a distance of 21.38V(59.40');
8. N 48°23'51" E a distance of 7.89V(21.92');
9. N 36°48'48" E a distance of 10.74V(29.82');
10. S 63°23'05" W a distance of 24.06V (66.83') to the point of beginning having an area of 0.14 acres more/less.



James M. Naismith, RPLS, LSLS

4/11/2022



T. Baker Smith, LLC (PRACT)

www.tbsmith.com

(31) 334-5719

FIRM #10194575



COASTAL BOUNDARY SURVEY, OCTOBER 2021

Being the Littoral Boundary along the Mean High Water (MHW) line of Aransas Bay, being a portion of the southerly boundary line of the William Lewis Survey, Abstract No. 96, Outlots 59, 60, & 61 of the Lamar Townsite, as recorded in Volume 2, Page 37 of the Plat Records of Aransas County, Texas, (OPACT) and same being the northerly boundary line of Aransas Bay and State Submerged Land Tract No. 68, Aransas County, Texas

This report accompanies a map of survey dated October 2021.



Figure 1: East shoreline within surveyed area

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code

Co. ARANSAS, 51c No. 19

File Date 06/23/2022 by K. Seiber

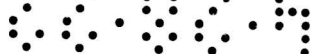




Figure 2: West shoreline within survey area

All survey work was performed using survey grade RTK GPS base and rover: Hemisphere S320 and/or Trimble R8/R10 Receivers. The survey was conducted October 04, 2021.

SURVEY CONTROL: One NGS survey marker was used as primary control: "877 4522 B" (N: 13,235,060.39, E: 2,619,445.27, EL: 3.3' NAVD88), Published, and one secondary control point: 5/8" iron rod found with red plastic cap, set by J.L. Brundrett, Jr. (Aransas County Surveyor) noted in NRC Article 33.136 Sketch 9 (N: 13,236,724.43, E: 2,618,845.91, EL: 2.40 NAVD88)

| | Northing | Easting | Elevation |
|--|---------------|--------------|-----------|
| NGS BENCHMARKS | | | |
| NGS Monument 877 1510 Tidal 44 (Published) | 13,235,060.39 | 2,619,445.27 | 3.3' |
| 5/8" iron rod found with red plastic cap | 13,236,724.43 | 2,618,845.91 | 2.4' |

Table 1: NGS benchmarks used as primary & secondary control for the survey. Datum is NAD 83 (2011), South Central Zone, Texas Coordinate System (US Feet). Orthometric heights referenced to NAVD88 datum (Geoid 18).





Figure 4: NGS benchmark "877 4522 B"
(N: 13,235,060.39, E: 2,619,445.27, EL: 3.3' NAVD88) Published



Figure 5: 5/8" iron rod found with red cap set by J.L. Brundrett, Jr. noted in NRC Article 33.136 Sketch 9 (N: 13,236,724.43, E: 2,618,845.91, EL: 2.40 NAVD88)



The Littoral Boundary is based on the Mean High Water (MHW) contour. Mean High Water elevation of 1.3' NAVD88 was established in reference to the Rockport Gauge (8774470) and the Aransas Wildlife Refuge Gauge (8774230).

FIELD NOTES

Being the Littoral Boundary along the Mean High Water (MHW), as surveyed on October 4, 2021, line of Aransas Bay, being a portion of the southerly boundary line of the William Lewis Survey, Abstract No. 96, Outlots 59, 60, & 61 of the Lamar Townsite, as recorded in Volume 2, Page 37 of the Plat Records of Aransas County, Texas (PRACT), and same being the northerly boundary line of Aransas Bay and State Submerged Land Tract No. 68, Aransas County, Texas. Distances, bearings, and coordinates are grid, North American Datum of 1983 (2011 Adjustment), South Central Zone (4204) of the Texas Coordinate System;

Beginning at a point on the MHW (Mean High Water) line, (N: 13,236,693.50, E: 2,618,717.21', EL: 1.3' NAVD 88) from which NGS MONUMENT "877 4522 B" (N 13,235,060.39, E 2,619,445.27, EL 3.3) bears S 24°01'40" E 643.70V(1788.03').

Thence along the Aransas Bay shoreline and said MHW line, the following twenty-nine (29) courses and distances:

- 1) S 48°27'29" E a distance of 7.46V(20.72');
- 2) S 73°47'51" E a distance of 6.31V(17.53');
- 3) N 84°15'25" E a distance of 4.36V(12.11');
- 4) N 76°37'10" E a distance of 13.16V(36.56');
- 5) N 67°40'25" E a distance of 6.33V(17.58');
- 6) N 51°34'07" E a distance of 2.28V(6.33');
- 7) N 74°58'59" E a distance of 1.65V(4.58');
- 8) N 48°26'27" E a distance of 5.19V(14.42');
- 9) N 61°36'12" E a distance of 5.46V(15.17) to a point in which a 5/8" iron rod found with red plastic cap bears N 05°11'19" W a distance of 4.09V(11.36').
- 10) N 46°04'25" E a distance of 6.33V(17.58');
- 11) N 57°50'54" E a distance of 6.62V(18.39');
- 12) N 66°06'24" E a distance of 7.33V(20.36');
- 13) N 78°45'06" E a distance of 6.36V(17.67');
- 14) N 61°00'27" E a distance of 10.26V(28.50');
- 15) N 42°02'20" E a distance of 6.99V(19.42');
- 16) N 16°20'10" E a distance of 4.36V(12.11');
- 17) N 42°50'28" E a distance of 1.00V(2.78');
- 18) N 70°36'05" E a distance of 4.49V(12.47');
- 19) N 59°54'08" E a distance of 4.19V(11.64');
- 20) N 34°12'06" E a distance of 4.12V(11.44');
- 21) N 69°04'40" E a distance of 2.89V(8.03');
- 22) S 82°35'35" E a distance of 6.06V(16.83');



- 23) N 71°53'02" E a distance of 12.87V(35.75');
- 24) N 59°06'11" E a distance of 8.16V(22.67');
- 25) N 36°10'37" E a distance of 5.94V(16.50');
- 26) N 80°03'10" E a distance of 2.59V(7.19');
- 27) S 64°51'14" E a distance of 4.65V(12.92');
- 28) S 79°29'50" E a distance of 12.50V(34.72');
- 29) N 81°15'45" E a distance of 9.45V(26.24') to a point on the MHW line as shown on Aransas County NRC Article 33.136 Sketch 9 Dated 22 March 2013;

Thence continuing along said Mean High Water Line, as shown on said Sketch 9, the following five (5) courses and distances:

- 1) N 65°24'20" E a distance of 3.06V(8.51');
- 2) N 80°53'03" E a distance of 4.87V(13.54');
- 3) S 61°58'19" E a distance of 6.12V(17.01');
- 4) N 76°44'26" E a distance of 32.48V(90.22');
- 5) N 63°23'05" E a distance of 31.41V(87.24') to a point on the aforesaid Mean High Water Line as surveyed on October 4, 2021.

Thence departing said Mean High Water Line, as shown on said Sketch 9 and continuing along aforesaid Mean High Water Line, as surveyed on October 4, 2021, the following fourteen (14) courses and distances:

- 1) N 36°57'23" E a distance of 1.27V(3.53');
- 2) N 60°15'34" E a distance of 9.50V(26.39');
- 3) N 79°17'04" E a distance of 11.19V(31.08');
- 4) S 82°48'17" E a distance of 5.40V(15.00');
- 5) N 74°15'31" E a distance of 6.60V(18.33');
- 6) S 75°59'27" E a distance of 2.58V(7.17');
- 7) N 63°27'01" E a distance of 3.07V(8.53');
- 8) S 83°49'22" E a distance of 3.97V(11.03');
- 9) S 50°32'40" E a distance of 9.30V(25.83');
- 10) S 14°06'54" E a distance of 11.53V(32.03');
- 11) S 32°19'48" E a distance of 3.47V(9.64');
- 12) S 61°36'14" E a distance of 9.26V(25.72');



- 13) S 70°07'46" E a distance of 10.89V(30.25');
- 14) S 55°52'30" E a distance of 21.86V(60.72') to the **Point of Termination** (N: 13,236,809.26, E: 2,619,598.67, EL: 1.3' NAVD88), from which NGS monument "877 4522 B" (N: 13,235,060.39, E: 2,619,445.27, EL: 3.30' NAVD88) bears S 05°00'45" E a distance of 632.01V (1755.57').



James M. Naismith, RPLS, LSLs

4/11/2022

