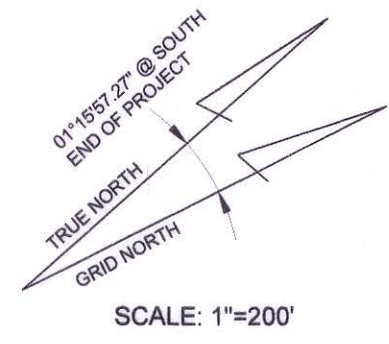
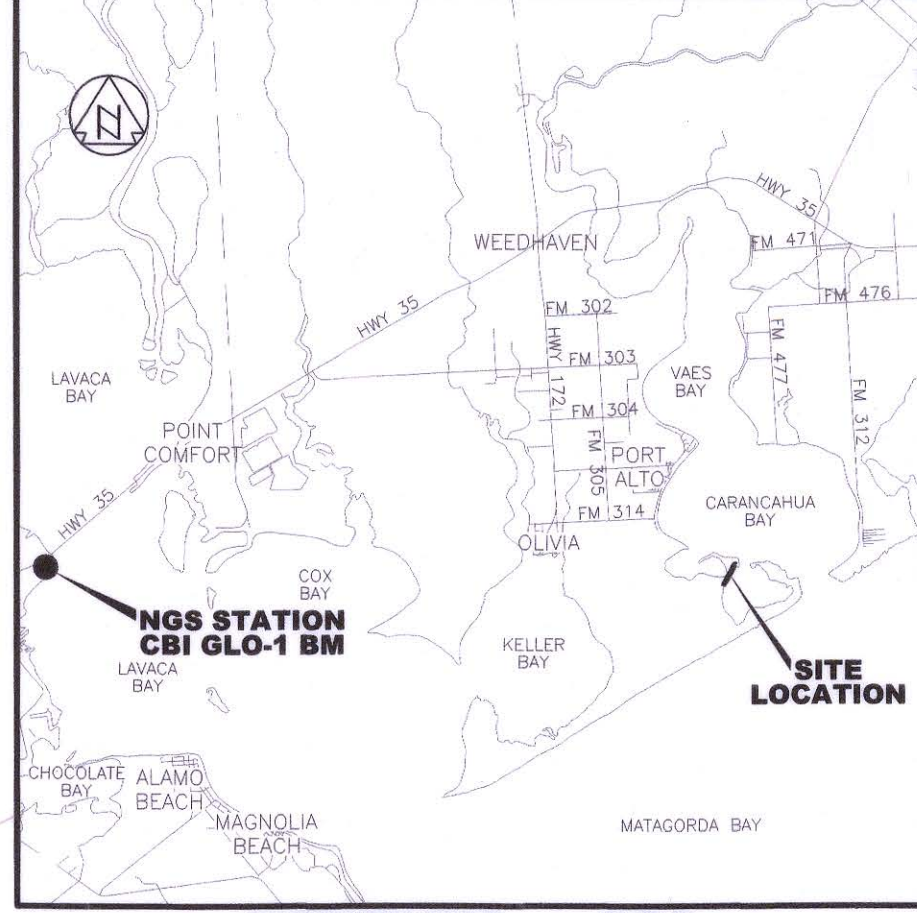


"NOTICE: THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH SECTION 33.136, NATURAL RESOURCES CODE, FOR THE PURPOSE OF EVIDENCING THE LOCATION OF THE SHORELINE IN THE AREA DEPICTED IN THIS SURVEY AS THAT SHORELINE EXISTED BEFORE COMMENCEMENT OF EROSION RESPONSE ACTIVITY, AS REQUIRED BY CHAPTER 33, NATURAL 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."

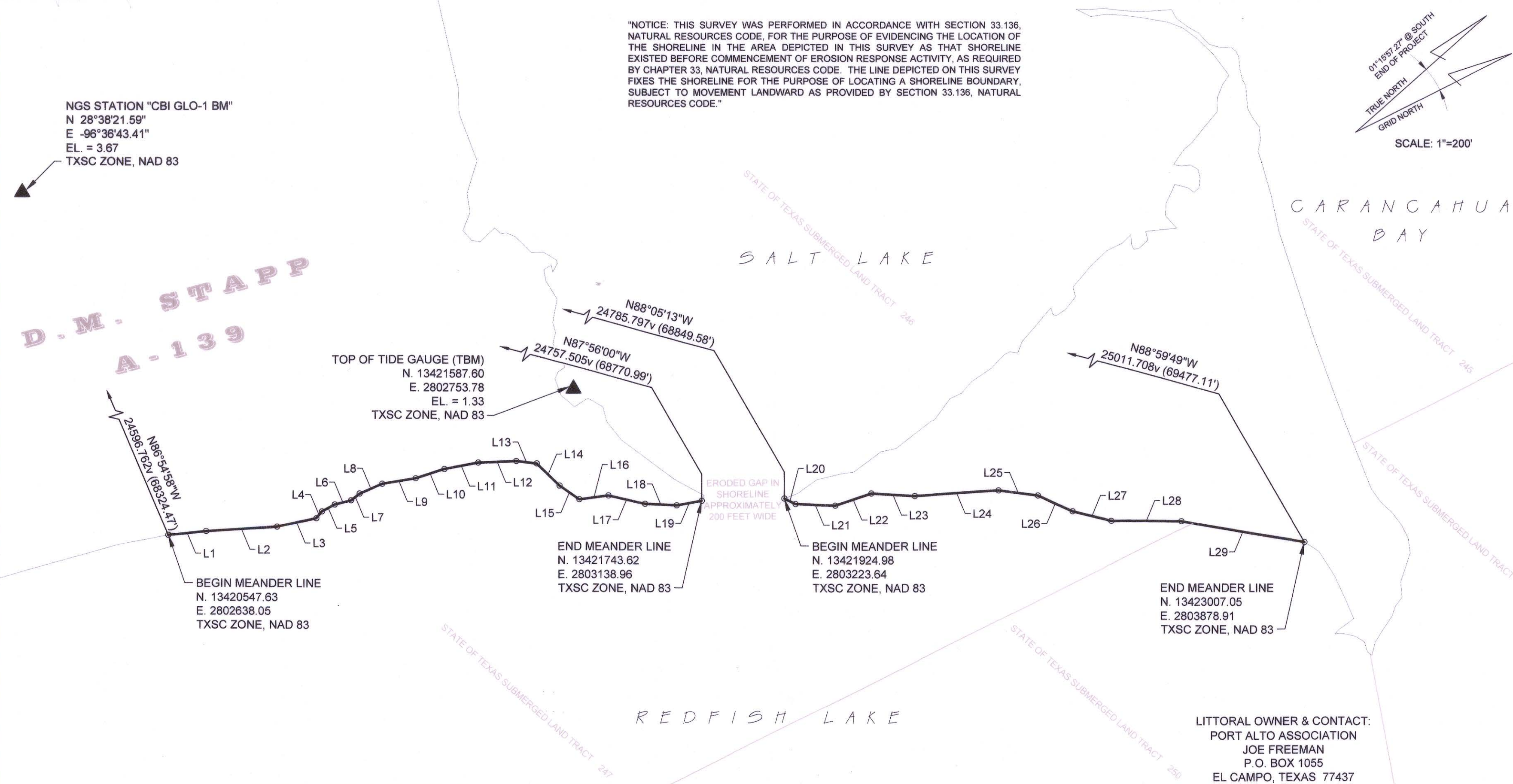
NGS STATION "CBI GLO-1 BM"
 N 28°38'21.59"
 E -96°36'43.41"
 EL. = 3.67
 TXSC ZONE, NAD 83



SCALE: 1"=200'



D.M. STAPP
A-139



SURVEY CREW PERSONNEL:

1. DAVID NESBITT - L.S.L.S.
2. ALBERT FRANCO - FIELD CREW
3. PAUL NEBELING - FIELD CREW

DRAFTSMAN:

1. MANUEL GUERRA III

NOTES:

1. BASIS OF BEARING OF THIS SURVEY IS GRID NORTH, TEXAS COORDINATE SYSTEM, AS OBSERVED BY GPS, TEXAS SOUTH CENTRAL ZONE 4204, NAD 83, WITH A COMBINED SCALE FACTOR OF 0.99993654, AND REFERENCED TO NGS STATION "CBI GLO-1 BM".
2. ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES.
3. THIS MAP HAS BEEN PREPARED IN ADVANCE OF CONSTRUCTION OF THE PORT ALTO ASSOCIATION REDFISH LAKE LIVING SHORELINE PROJECT, GLO PROJECT #SL20180012.
4. MEAN HIGHER HIGH WATER (MHHW) ELEVATION IS 1.3' ABOVE MEAN SEA LEVEL ACCORDING TO TIDE GAUGE PORT LAVACA BAY, TX - STATION ID 8773259.

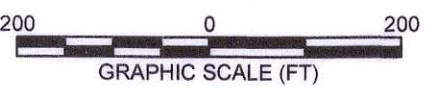
LITTORAL OWNER & CONTACT:
 PORT ALTO ASSOCIATION
 JOE FREEMAN
 P.O. BOX 1055
 EL CAMPO, TEXAS 77437

LINE DATA TABLE					
NO.	BEARING & DISTANCE	NO.	BEARING & DISTANCE	NO.	BEARING & DISTANCE
L1	N20°57'46"E 33.181v (92.17')	L11	N15°36'29"E 29.916v (83.10')	L21	N28°30'11"E 34.549v (95.97')
L2	N22°36'42"E 61.963v (172.12')	L12	N24°07'01"E 33.325v (92.57')	L22	N07°48'15"E 33.322v (92.56')
L3	N14°15'07"E 35.172v (97.70')	L13	N33°22'41"E 17.982v (49.95')	L23	N30°05'22"E 37.987v (105.52')
L4	N24°15'47"W 7.736v (21.49')	L14	N70°38'24"E 27.598v (76.66')	L24	N22°37'16"E 73.411v (203.92')
L5	N01°46'57"W 12.676v (35.21')	L15	N61°08'32"E 21.038v (58.44')	L25	N33°37'41"E 34.614v (96.15')
L6	N12°30'26"E 14.760v (41.00')	L16	N18°49'44"E 25.812v (71.70')	L26	N50°37'07"E 33.145v (92.07')
L7	N11°54'06"W 9.479v (26.33')	L17	N38°59'43"E 32.497v (90.27')	L27	N40°37'01"E 34.708v (96.41')
L8	N03°39'12"E 21.496v (59.71')	L18	N29°03'54"E 27.792v (77.20')	L28	N26°50'50"E 61.272v (170.20')
L9	N17°03'59"E 29.657v (82.38')	L19	N16°04'43"E 22.162v (61.56')	L29	N35°58'40"E 108.817v (302.27')
L10	N08°06'47"E 26.395v (73.32')	L20	N52°28'43"E 10.872v (30.20')		

STATE OF TEXAS:
 COUNTY OF CALHOUN:

I, Anna Goodman, Clerk of the County Court in and for Calhoun County, Texas, hereby certify that the foregoing map of COASTAL BOUNDARY SURVEY, PORT ALTO ASSOCIATION dated the 4th day of JANUARY, 2019, with its certificate of authentication was filed for record in my office this 10th day of JANUARY, 2019, at 1:58 o'clock P.M. and duly recorded in Cabinet Pages 548A, Map Records of Calhoun County, Texas. Witness my hand and seal of said Court at office in Port Lavaca, Texas, this 10th day of JANUARY, 2019.

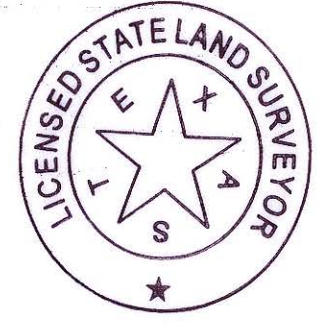
Anna Goodman
 Anna Goodman, Calhoun County Clerk
 Doc# 2019-00144



LJA SURVEYING
 5350 S. Staples Street, Suite 425 Phone 361.991.8550
 Corpus Christi, Texas 78411 Fax 361.887.8855
 TBPE Firm Reg. # F-1386 TBPLS Firm Reg. #10016600
 www.ljasurvey.com
 SURVEY DATE: JULY 12, 2018
 SURVEY PREPARED: AUGUST 30, 2018
 LJA JOB: 218-18018
 © COPYRIGHT 2018 ALL RIGHTS RESERVED
 SHEET 1 OF 1

THE STATE LAND BOUNDARY FOR THIS TRACT WAS DETERMINED UNDER MY DIRECTION AND IS BASED ON THE DATUM AS SHOWN ON THIS MAP ACCORDING TO LAW. I HAVE LOCATED THE NATURAL LITTORAL BOUNDARY IN THE FIELD AND THE SURVEY IS CORRECT AND IN ACCORDANCE WITH SECTION 21.042 OF THE NRC AND WITH THE METHODOLOGY APPROVED BY THE GENERAL LAND OFFICE AND THAT TO THE BEST OF MY KNOWLEDGE NO ARTIFICIAL FILL, BUILD-UP, OR RETAINING WALLS ARE LOCATED WITHIN THE AREA SURVEYED EXCEPT AS NOTED.

DATE: *January 4, 2019*
 DAVID L. NESBITT
 REGISTERED PROFESSIONAL LAND SURVEYOR, NO.: 5302
 LICENSED STATE LAND SURVEYOR



STATE OF TEXAS § COASTAL BOUNDARY SURVEY
 COUNTY OF CALHOUN § REDFISH LAKE

FIELD NOTES to describe a portion of the common boundary of the D.M. Stapp Survey, Abstract 139 and the Redfish Lake submerged land tracts 247 and 250 in Calhoun County, Texas, said line being more particularly described by metes and bounds as follows:

BEGINNING at a point on the common lot line of said Survey and Submerged Land Tract 247, said point being the southwest end of this description and having coordinates of N. 13420547.63 E. 2802638.05, Texas South Central Zone 4204, NAD 83 and from which NGS Station "CBI GLO-1 BM" bears N-86°-54'-58"-W, 24596.762 varas (68324.47');

THENCE, N-20°-57'-46"-E, along the existing shoreline, a distance of 33.181 varas (92.17') to a meander point of said shoreline;

THENCE, continuing along the existing shoreline, the following calls:

- N-22°-36'-42"-E, 61.963 varas (172.12');
- N-14°-15'-07"-E, 35.172 varas (97.70');
- N-24°-15'-47"-W, 7.736 varas (21.49');
- N-01°-46'-57"-W, 12.676 varas (35.21');
- N-12°-30'-26"-E, 14.760 varas (41.00');
- N-11°-54'-06"-W, 9.479 varas (26.33');
- N-03°-39'-12"-E, 21.496 varas (59.71');
- N-17°-03'-59"-E, 29.657 varas (82.38');
- N-08°-06'-47"-E, 26.395 varas (73.32');
- N-15°-36'-29"-E, 29.916 varas (83.10');
- N-24°-07'-01"-E, 33.325 varas (92.57');
- N-33°-22'-41"-E, 17.982 varas (49.95');

- N-70°-38'-24"-E, 27.598 varas (76.66');
- N-61°-08'-32"-E, 21.038 varas (58.44');
- N-18°-49'-44"-E, 25.812 varas (71.70');
- N-38°-59'-43"-E, 32.497 varas (90.27');
- N-29°-03'-54"-E, 27.792 varas (77.20');
- THENCE**, N-16°-04'-43"-E, continuing along said shoreline, a distance of 22.162 varas (61.56') to a point for the northeast end of this line, said point having coordinates of N. 13421743.62 E. 2803138.96, and from which NGS Station "CBI GLO-1 BM" bears N-87°-56'-00"-W, 24757.505 varas (68770.99');
- THENCE**, Spanning a gap in the shoreline created by erosion, to a point which is the southwest end of the second portion of this description, having coordinates of N. 13421924.98 E. 2803223.64, and from which NGS Station "CBI GLO-1 BM" bears N-88°-05'-13"-W, 24785.797 varas (68849.58');
- THENCE**, continuing along the existing shoreline, the following calls:
- N-52°-28'-43"-E, 10.872 varas (30.20');
- N-28°-30'-11"-E, 34.549 varas (95.97');
- N-07°-48'-15"-E, 33.322 varas (92.56');
- N-30°-05'-22"-E, 37.987 varas (105.52');
- N-22°-37'-16"-E, 73.411 varas (203.92');
- N-33°-37'-41"-E, 34.614 varas (96.15');
- N-50°-37'-07"-E, 33.145 varas (92.07');
- N-40°-37'-01"-E, 34.708 varas (96.41');
- N-26°-50'-50"-E, 61.272 varas (170.20');
- THENCE**, N-35°-58'-40"-E, continuing along said shoreline, a distance of 108.817 varas (302.27') to a point for the northeast end of this line, said point having coordinates of N. 13423007.05 E. 2803878.91, and from which NGS Station "CBI GLO-1 BM" bears N-88°-59'-49"-W, 25011.708 varas (69477.11').

TEXAS GENERAL LAND OFFICE
 Art. 33.136, Natural Resources Code
 Co. Calhoun, Sk. No. 8
 File Date 03/12/2019 by K. Schreiber

COASTAL BOUNDARY SURVEY
D.M. STAPP SURVEY, ABSTRACT 139 AND REDFISH LAKE BOUNDARY, CALHOUN COUNTY
 SHOWING THE BOUNDARY ALONG REDFISH LAKE SUBMERGED LAND TRACTS 247 AND 250 AND THE D.M. STAPP SURVEY, ABSTRACT 139 IN CALHOUN COUNTY ALONG THAT PORTION PERTAINING TO THE PORT ALTO LIVING SHORELINE PROJECT.



5350 South Staples Street, Suite 425, Corpus Christi, Texas 78411
t 361.991.8550 f 361.887.8855 LJASURVEY.com TBPLS 10016600

February 15, 2019

General Land Office
P.O. Box 12873
Austin, TX 78711-2873
512-475-1437
mark.neugebauer@glo.texas.gov

Attn: Mark J. Neugebauer, RPLS, LSLS

Re: Port Alto Coastal Boundary Survey at the City of Port Alto, Calhoun County, Texas
LJA Proposal No. 18-02630
LJAS Project No. LJAS218-18018

Dear Mark:

Please find enclosed the original Mylar drawing for the Port Alto Coastal Boundary Survey as well as the recording document from Calhoun County for filing in your records. I would appreciate your input as to when the client may proceed with his permit.

Thank you for all of your time and attention to this project.

Regards,

David L. Nesbitt, RPLS, LSLS
Survey Project Manager

DLN/dcr

Enclosure

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Calhoun, SK No. 8
File Date 03/21/2019 by K. Schreiber

LETTER OF TRANSMITTAL

To: General Land Office
P.O. Box 12873
Austin, TX 78711-2873

512-475-1437

Date: January 15, 2019
LJA Job No. LJAS218-18018
Attention: Mark Neugebauer, RPLS, LSLS
Re: Port Alto Coastal Boundary Survey
VIA: UPS

WE ARE SENDING YOU the following items:

- Shop Drawings
 Prints
 Plans
 Samples
 Specifications
 Copy of Letter
 Change Order
 Other

Copies	Date	Description
1	1/15/19	Original signed 24 x 18 Survey plats printed on Mylar
1	1/15/19	Certificate of Filing

THESE ARE TRANSMITTED as checked below:

- For approval
 Approved as submitted
 Resubmit ___ copies for approval
 For your use
 Approved as noted
 Submit ___ copies for distribution
 As requested
 Returned for corrections
 Return ___ corrected prints
 For review & comment
 For signatures
 Filing in your records
 FOR BIDS DUE _____
 Prints returned after loan to us

REMARKS: _____

Copy: _____ File _____

SIGNED: Diana C. Ramirez
 Diana C. Ramirez, Administrative Asst.

TEXAS GENERAL LAND OFFICE
 Art. 33.136, Natural Resources Code

Co. Calhoun, S.K. No. 8

File No. 2019-00144

PLAT: Coastal Boundary Survey

From: LJA Surveying

To:

The Public

Dated: 01/04/2019

Filed: 01/10/2019

At: 1:53 P.M.

Return: Filed in the County Clerk's Office

Property: D.M. Stapp Survey, Abstract 139 and Redfish Lake Boundary, Calhoun County

Slide: 598A

Filed by: LJA Surveying

Fee: \$56.00 SMALL PLAT

1- `18 x `24-\$56.00

1- `36 x `48-\$91.00

(add. Pgs \$10.00)

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Calhoun, SK No. 8
File Date 03/21/2019 by K. Schreiber

FILED AND RECORDED

OFFICIAL PUBLIC RECORDS 2019-00144

PLAT Fee: \$56.00
01/10/2019 01:54 PM csullivan



Anna M. Goodman

Anna Goodman, County Clerk
Calhoun County, Texas



TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

Surveying Division
Coastal Boundary Survey Approval

Project: Redfish Lake Living Shoreline, DM Stapp, Calhoun County

Project No: SL-20180012 (GLO)

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

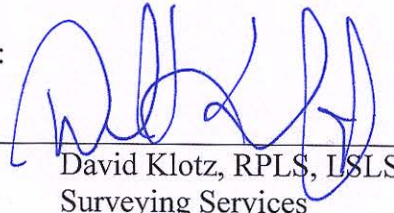
Surveyor: David L. Nesbitt, Licensed State Land Surveyor

Description: Coastal Boundary Survey, by David L. Nesbitt, Licensed State Land Surveyor, dated July 12, 2018, along Redfish Lake Submerged Land Tracts 247 and 250 and being along the Mean Higher High Water (MHHW) Line of the D.M. Stapp Survey, Abstract 139 Calhoun County, Texas. The Survey is in advance of construction of the Port Alto Association Redfish Lake Living Shoreline project, GLO Project # SL-20180012 in Calhoun County, Texas. The coordinates of its mid-point being, N28°37'43" (28.628611°), W96°23'52" (96.397778°) WGS84. A copy of the survey has been recorded in Slide 598A, Official Public Records of Calhoun 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

2/6/2019
Date

Approval Filed as:

Tex. Nat. Res. Code Article 33.136 Calhoun County, Sketch No. 8

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Calhoun, S.K. No. 8
File Date 03/21/2019 by K. Schreiber