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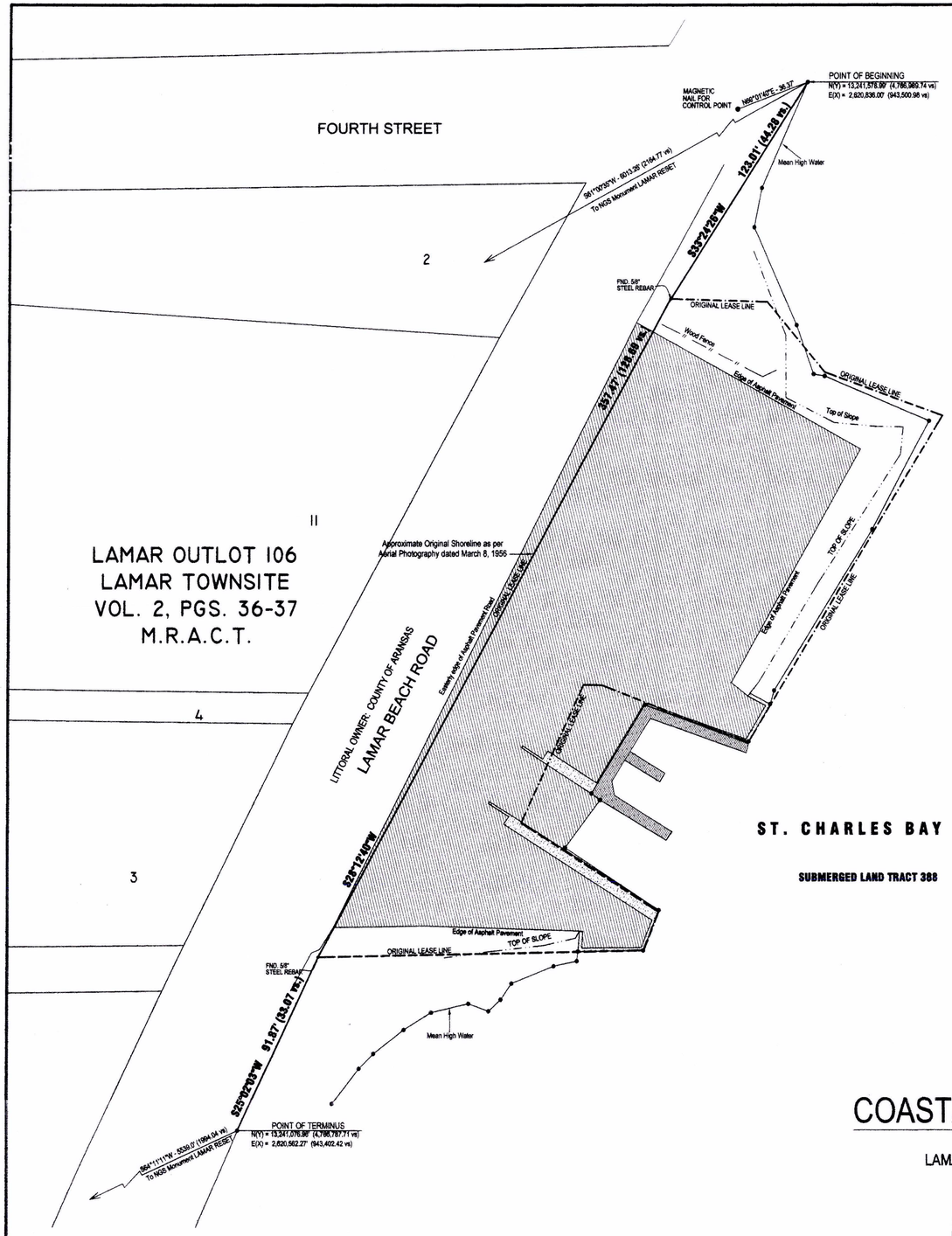

ST. CHARLES BAY

SUBMERGED LAND TRACT 388

COASTAL BOUNDARY SURVEY

LAMAR PENINSULA, ARANSAS COUNTY, TEXAS
ST. CHARLES BAY MARINA
ST. CHARLES BAY
Being the Littoral Boundary Along the shoreline of
St. Charles Bay, Same Being a Portion of the Easterly
Boundary Line of the William Lewis Survey, A-96, and
Same Being the Westerly Boundary Line of St. Charles Bay,
Submerged Land Tract 388, Aransas County, Texas.

30 0 30 60 90 FEET
GRAPHIC SCALE

Firm Name & Address
Griffith & Brundrett
Surveying Engineering
411 S. Pearl St., P.O. Box 2322
Rockport, Texas 78381
:361-729-6479
:361-729-7933
:jerryb@gbsurveyor.com
:www.gbsurveyor.com

File Name: 150420M1 STCHASMARINA REVISED

GENERAL NOTES

1.) Bearings and coordinates, shown hereon, are grid, based on the Texas Coordinate System, South Central Zone (4205), North American Datum of 1983.
2.) Coordinates are derived from GPS observations as provided by the Trimble - Western Data Network, and shown hereon in U.S. Survey feet, with corresponding values in varas shown in parenthesis.
3.) Horizontal survey control is referenced to NGS Monument, LAMAR RESET, PID - AN2319, with coordinates N(Y) = 13,238,665.02 (4,765,932.75 v) E(X) = 2,615,575.98 (941,609.99 v), using a Trimble R-10 Receiver working within the Trimble - Western Data Network, and shown hereon in U.S. Survey feet, with corresponding values in varas shown in parenthesis.
4.) The convergence angle at LAMAR RESET is 00°59'00.8".
5.) The combined scale factor at LAMAR RESET is 1.00008371.
6.) Distances are grid, in U.S. survey feet, with corresponding vara values shown in parenthesis.
7.) To convert grid distances to surface, divide by a combined scale factor, for this project of 1.00008046.
8.) The Approximate Original Shoreline was established from review of aerial photography dated March 8, 1956, and from early maps of Lamar Townsite on file in the Aransas County Surveyor's Office.
9.) Vertical data was transferred via Real Time Kinematic GPS Measurements from a calibrated Vertical data file established from all known NGS and TXDOT vertical monuments in Aransas County, Texas.
10.) The project mapping angle is 00°59'00.8".
11.) The subject survey was conducted in support of a Construction of Breakwater and Shoreline Stabilization for application to the Texas General Land Office, (CL20020012) by Aransas County, Texas. CL 2012 0012 (PATH 12-06-2018)
12.) Adjacent lots and streets are shown graphically for identification purposes only and are not specifically tied to the subject boundary.

FIELD NOTES

FIELD NOTES for a portion of the littoral boundary along the shoreline of St. Charles Bay, Same Being a portion of the Easterly Boundary Line of the the William Lewis Survey, A-96, Aransas County (formerly Refugio County, Texas), and Same Being the Westerly boundary line of St. Charles Bay State Submerged Land Tract 388, Aransas County, Texas, this boundary being more particularly described as follows:

BEGINNING at grid coordinates North (Y) = 13,241,578.99 feet (4,766,969.74 varas), East (X) = 2,620,836.00 feet (943,500.98 varas), Texas Coordinate System, South Central Zone, North American Datum of 1983, a point being on the Mean Higher High Water of said St. Charles Bay, at contour elevation 0.90 feet, North American Vertical Datum of 1988, from which a magnetic nail set for control bears North 69°01'40" East, a grid distance of 36.37 feet (13.09 varas) and from which National Geodetic Survey monument "LAMAR RESET" bears South 61°00'35" West a grid distance of 6,013.26 feet (2,164.77 vs).

THENCE, with the approximate original shoreline of St. Charles Bay, the following courses and distances;

THENCE, South 33°24'26" West, a grid distance of 123.01 feet (44.28 varas) to a point;
THENCE, South 28°12'40" West, a grid distance of 357.47 feet (128.69 varas) to a point;
THENCE, South 25°02'03" West, a grid distance of 91.87 feet (33.07 varas) to a point at grid coordinates North (Y) = 13,241,076.96 feet (4,766,767.72 varas), East (X) = 2,620,562.27 feet (943,402.42 varas) for the terminus of this line, from which point said NGS Station "LAMAR RESET" bears South 64°11'11" West a grid distance of 5,539.0 feet (1,994.04 vs).

FILING NOTICE:

This "Coastal Boundary Survey" map together with it's accompanying "Filed Area" map, is being filed in the Plat Records of Aransas County, Texas, as a public record as required by Section 33.136, Natural Resources Code.

J.L. Brundrett, Jr.
Aransas County Surveyor

COUNTY CLERK CERTIFICATION:

State of Texas
County of Aransas

I, Valerie K. Amason, Clerk of the County Court in and for Aransas County, Texas, do hereby certify that the foregoing instrument of writing dated the 19 day of March, A.D., 2015, with its certificate of authentication was filed for record in my office the 8 day of December A.D., 2015 at 10:10 o'clock A m. and duly recorded the 8 day of December, A.D., 2015, at 10:10 o'clock A m. in the Plat Records of Aransas County, Texas, in Volume 6, Page 214-215.

Witness my hand and seal of the County Court, in and for Aransas County, Texas, at office in Rockport, Texas, the day and year last written above.

By: VALERIE K. AMASON
Valerie K. Amason

Gayle I. Otts
Deputy

Clerk's File No. 345365

STATE OF TEXAS ARANSAS COUNTY

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Aransas, State No. 15 Sheet 1 of 2
File Date 11-27-2018 by DAH
For Approval see TNRC 33.136 Aransas County Report 15

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.

I, J.L. Brundrett, Jr., Registered Professional Land Surveyor and Duly Elected County Surveyor of Aransas County, Texas, and for the State of Texas, hereby certify that the foregoing map represents a survey of the littoral boundary, made in the field accoding to law, by me and/or under my direct control and supervision, with the field personnel stated, utilizing methodology approved by the Surveying Division of the Texas General Land Office; that, except as shown hereon, there are no areas of artificial fill or build-up, within the limits of this survey; that except as shown hereon, there are no retaining walls, bulkheads or other structures along or immediately landward of the subject boundary and that this map is correct and in accordance with Chapter 21 of the Texas Natural Resources Code.

Surveyed March 19, 2015

Survey Personnel:
J.L. Brundrett, Jr.
Thomas Hattenbach

J.L. Brundrett, Jr.
Aransas County Surveyor
Registered Professional Land Surveyor #2133

STATE OF TEXAS REGISTERED J.L. BRUNDRETT, JR. 2133 PROFESSIONAL LAND SURVEYOR

STATE OF TEXAS REGISTERED J.L. BRUNDRETT, JR. 2133 PROFESSIONAL LAND SURVEYOR

SHEET 1 OF 2

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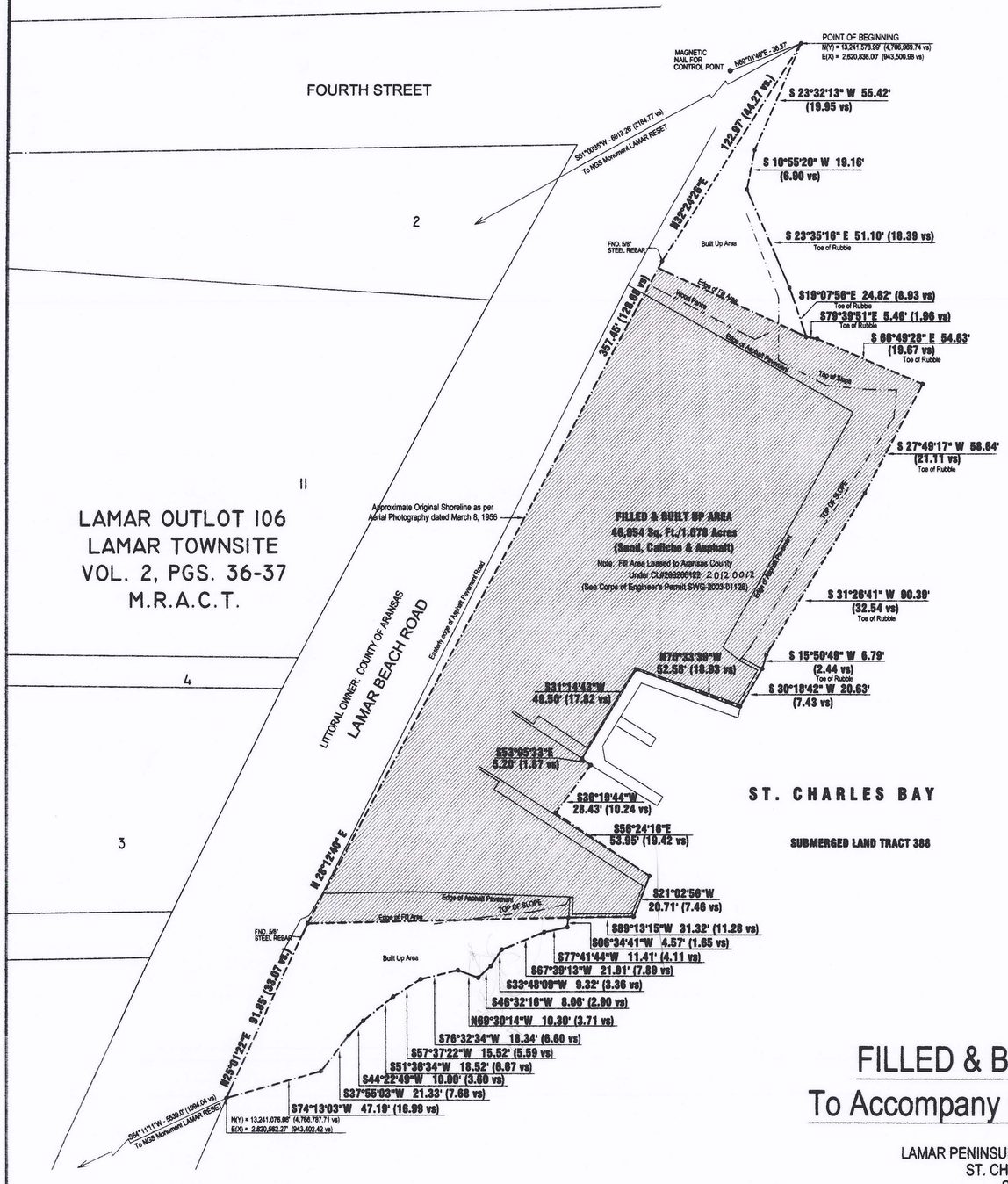
TNRC Art. 33.136 Aransas County Sketch 15 Sheet 1 of 2

9.5316

VOL: 6 PAGE: 215



FILLED & BUILT UP AREA MAP
To Accompany Coastal Boundary Survey

LAMAR PENINSULA, ARANSAS COUNTY, TEXAS
ST. CHARLES BAY MARINA
ST. CHARLES BAY
Being 1.078 Acres or 46,954 Square Feet of Filled and Built Up Submerged Land Lying Easterly of Lamar Beach Road and Lamar Outlot 106, and Westerly of St. Charles Bay Submerged Land Tract 388, Lamar Townsite, William Lewis Survey, A-96, Aransas County, (Formerly Refugio County),Texas

30 0 30 60 90 FEET
GRAPHIC SCALE

GENERAL NOTES

1.) Bearings and coordinates, shown hereon, are grid, based on the Texas Coordinate System, South Central Zone (4205), North American Datum of 1983.
2.) Coordinates are derived from GPS observations as provided by the Trimble - Western Data Network, and shown hereon in U.S. Survey feet, with corresponding values in varas shown in parenthesis.
3.) Horizontal survey control is referenced to NGS Monument, LAMAR RESET, PID - AN2319, with coordinates N(Y) = 13,238,665.02 (4,765,932.75 v) E(X) = 2,615,575.98 (941,609.99 v), using a Trimble R-10 Receiver working within the Trimble - Western Data Network, and shown hereon in U.S. Survey feet, with corresponding values in varas shown in parenthesis.
4.) The convergence angle at LAMAR RESET is 00°59'00.8".
5.) The combined scale factor at LAMAR RESET is 1.00008371.
6.) Distances are grid, in U.S. survey feet, with corresponding vara values shown in parenthesis.
7.) To convert grid distances to surface, divide by a combined scale factor, for this project of 1.00008046.
8.) The approximate original shoreline of St. Charles Bay established from review of aerial photography dated March 8, 1956, and from early maps of Lamar Townsite on file in the Aransas County Surveyor's office.
9.) Vertical data was transferred via Real Time Kinematic GPS Measurements from a calibrated Vertical data file established from all known NGS and TXDOT vertical monuments in Aransas County, Texas.
10.) The project mapping angle is 00°59'00.8".
11.) Filled area shown hereon is the result of construction of the St. Charles Bay Marina sometime prior to 1955.
12.) Adjacent lots and streets are shown graphically for identification purposes only and are not specifically tied to the subject boundary.
13.) The foregoing map, together with its accompanying "Coastal Boundary Survey" map, is filed in Volume XX, Page XXX, Plat Records of Aransas County, Texas

FIELD NOTES

FIELD NOTES for a 1.078 acre or 46,954square feet tract of filled and built up submerged land lying Easterly of Lamar Beach Road and Lamar Outlot 106, and Westerly of St. Charles Bay Submerged Land Tract 388, Lamar Townsite, William Lewis Survey A-96, Aransas County (formerly Refugio County), Texas, with this boundary being more particularly described as follows:

BEGINNING at a point on the approximate original shoreline of St. Charles Bay as per an aerial photograph dated March 8, 1956, with grid coordinates North (Y) = 13,241,578.99 feet (4,766,969.74 varas) and East (X) = 2,620,836.00 feet (943,500.98 varas) South Central Zone, North American Datum of 1983, from whence a magnetic nail in Lamar Beach Road bears South 69°01'40" West a distance of 36.37 feet, said point being at the toe of existing clay rubble and shoreline vegetation in St. Charles Bay, for the NORTHERLY corner of this tract, and from which point National Geodetic Survey monument LAMAR RESET bears South 61°00'35" West a distance of 6,013.26 feet (2,164.77 varas);

THENCE, with said toe of rubble along St. Charles Bay, the following courses and distances;
THENCE, South 23°32'13" West, a grid distance of 55.42 feet (19.95 varas) to a point;
THENCE, South 10°55'20" West, a grid distance of 19.16 feet (6.90 varas) to a point;
THENCE, South 23°35'16" East, a grid distance of 51.10 feet (18.39 varas) to a point;
THENCE, South 19°07'56" East, a grid distance of 24.82 feet (8.93 varas) to a point;
THENCE, South 79°39'51" East, a grid distance of 5.46 feet (1.96 varas) to a point;
THENCE, South 66°49'28" East, a grid distance of 54.63 feet (19.67 varas) to a point;
THENCE, South 27°49'17" West, a grid distance of 58.64 feet (21.11 varas) to a point;
THENCE, South 31°26'41" West, a grid distance of 90.39 feet (32.54 varas) to a point;
THENCE, South 15°50'49" West, a grid distance of 6.79 feet (2.44 varas) to a point;
THENCE, with said outside water's edge of concrete bulkhead of St. Charles Bay the following courses and distances;
THENCE, South 30°18'42" West, a grid distance of 20.63 feet (7.43 varas) to a point;
THENCE, North 70°33'39" West, a grid distance of 52.58 feet (18.93 varas) to a point;
THENCE, South 31°14'43" West, a grid distance of 49.50 feet (17.82 varas) to a point;
THENCE, South 53°05'33" East, a grid distance of 5.20 feet (1.87 varas) to a point;
THENCE, South 36°19'44" West, crossing concrete boat ramp a grid distance of 28.43 feet (10.24 varas) to a point;
THENCE, South 56°24'16" East, a grid distance of 53.95 feet (19.42 varas) to a point;
THENCE, South 21°02'56" West, a grid distance of 20.71 feet (7.46 varas) to a point;
THENCE, South 89°13'15" West, a grid distance of 31.32 feet (11.28 varas) to a point;
THENCE, with the outer limits of built up area the following courses and distances;
THENCE, South 06°34'41" West, a grid distance of 4.57 feet (1.65 varas) to a point;
THENCE, South 77°41'44" West, a grid distance of 11.41 feet (4.11 varas) to a point;
THENCE, South 67°39'13" West, a grid distance of 21.91 feet (7.89 varas) to a point;
THENCE, South 33°48'09" West, a grid distance of 9.32 feet (3.36 varas) to a point;
THENCE, South 46°32'16" West, a grid distance of 8.06 feet (2.90 varas) to a point;
THENCE, North 69°30'14" West, a grid distance of 10.30 feet (3.71 varas) to a point;
THENCE, South 76°32'34" West, a grid distance of 18.34 feet (6.60 varas) to a point;
THENCE, South 57°37'22" West, a grid distance of 15.52 feet (5.59 varas) to a point;
THENCE, South 51°36'34" West, a grid distance of 18.52 feet (6.67 varas) to a point;
THENCE, South 44°22'49" West, a grid distance of 10.00 feet (3.60 varas) to a point;
THENCE, South 37°55'03" West, a grid distance of 21.33 feet (7.68 varas) to a point;

THENCE, South 74°13'03" West, a grid distance of 47.19 feet (16.99 varas) to a point on the said approximate original shoreline of St. Charles Bay, with grid coordinates of North (Y) = 13,241,076.96 feet (4,766,787.71 varas) and East (X) = 2,620,562.27 feet (943,402.42 varas) and from which point National Geodetic Survey monument LAMAR RESET bears South 64°11'11" West a distance of 5,539.00 feet (1994.04 varas), with said point being the SOUTHERLY corner of this tract;

THENCE, North 25°01'22" East along and with the said approximate original shoreline of St. Charles Bay, a grid distance of 91.85 feet (33.07 varas) to a 5/8" steel rebar found for an angle point of this tract;

THENCE, North 28°12'40" East along and with the said approximate original shoreline of St. Charles Bay a grid distance of 357.45 feet (128.68 varas) to a 5/8" steel rebar found for an angle point of this tract;

THENCE, North 32°24'26" East along and with the said approximate original shoreline of St. Charles Bay a grid distance of 122.97 feet (44.27 varas) to the POINT OF BEGINNING and containing 1.078 acres or 46,954 square feet of land.

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.

I, J.L. Brundrett, Jr., Registered Professional Land Surveyor and Duly Elected County Surveyor of Aransas County, Texas, and for the State of Texas, hereby certify that the foregoing map represents a survey of the littoral boundary, made in the field accoding to law, by me and/or under my direct control and supervision, with the field personnel stated, utilizing methodology approved by the Surveying Division of the Texas General Land Office; that, except as shown hereon, there are no areas of artificial fill or build-up, within the limits of this survey; that except as shown hereon, there are no retaining walls, bulkheads or other structures along or immediately landward of the subject boundary and that this map is correct and in accordance with Chapter 21 of the Texas Natural Resources Code.

Surveyed March 19, 2015

Survey Personnel:
J.L. Brundrett, Jr.
Thomas Hattenbach

J.L. Brundrett, Jr.
Aransas County Surveyor
Registered Professional Land Surveyor #2153

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Aransas Sketch No. 15 Sheet 2 of 2
File Date 11-27-2018 by DJH

File No. 365965
County Clerk, Aransas County, Texas

TNRC 33.136 Aransas County Sketch 15 Sheet 2 of 2

Firm Name & Address
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361-729-7933
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File Name: 150420M1_STCHASMARINA_REVISED

SHEET 2 OF 2

95317

VOL: 6 PAGE: 215

TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

Surveying Division
Coastal Boundary Survey Approval

Project: St Charles Marina-Offshore Breakwater

Project No: CL20120012 (GLO)

Project Manager: Amy Nunez, Director, Coastal Field Operations

Surveyor: Jerald L. Brundrett, Jr., RPLS, Aransas County Surveyor

Description: Being a Coastal Boundary Survey, dated March 19, 2015, by Jerald L. Brundrett, Jr., Aransas County Surveyor, delineating the line of Mean Higher High Water along the western shore of St. Charles Bay and State of Texas Submerged Land Tract 388, same line being a portion of the littoral boundary of the William Lewis Survey, Abstract 96. The Survey is in support of Construction of Breakwater and Shoreline Stabilization, authorized under General Land Office Lease CL20120012. The mid-point of the surveyed line plots at coordinates N28°08'32" (28.142222), W96°58'35" (96.976389) WGS84. A copy of the Coastal Boundary Survey plat and Filled and Built Up Area Map is recorded in Volume 6, Pages 214 & 215, Plat Records of 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: _____ 11/20/2018
David Klotz, RPLS, LSLS — Date
Surveying Division

Approval Filed as:

Tex.Nat.Res.Code Article 33.136 Aransas County, Sketch No. 15

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Aransas, Report No. 15
File Date 11-27-2018 by DJH
See Plats : TNRC Art. 33.136
Aransas County Sketch 15 Sheets 1 & 2

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