

GENERAL NOTES

- 1.) Bearings and coordinates, shown hareon, are grid, based on the Texas Coordinate System, South Central Zone (4205), North American Datum of 1983.
- 2.) Coordinatas 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 varias shown in parenthesis.
- 3.) Horizontal survey control is referenced to NGS Monument, TIDAL NO. 8, PID 8 1948, with coordinates N(Y) = 13,198,687.077 (4,751,527.481 v) E(X) = 2,598,404.944 (935,425.806 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 TIDAL NO. 8 is 00°57'23.2".
- 5.) The combined scale factor at TIDAL NO. 8 is 1.00012169.
- 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 1.00012565.
- 8.) The littoral boundary was established at Mean High Water, elevation 0.99 feet, North American Vertical Datum of 1988, per tidal datum established at Rockport Harbor, Tidal No. 8, operated by the Conrad Blucher Institute and the National Geodetic Survey (NGS).
- 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°57'23.2".
- 11.) Adjacent lots and streets are shown graphically for identification purposes only and are not specifically tied to the subject boundary
- 12.) Erosion response activity is for construction of breakwaters and beach nourishment under GLO Project Number CE20140042.

FIELD NOTES

FIELD NOTES for a portion of the littoral boundary along the shore of Aransas Bay, being called the Waterfront East (W.F.E.) of Lot 1, Block 441, Manning Addition, and the W.F.E. of Sand Fiddler located between Blocks 440 and 441, Manning Addition, according to the plat recorded in Volume 1, Page 7, Plat Records of Aransas County, Texas, and being out of the Samuel Highland Survey, A-74, Aransas County, (formerly part of Refugio County, Texas), same being the Westerly boundary line of Aransas Bay State Submerged Land Tract 192, Aransas County, Texas, this boundary being more particularly described as follows:

BEGINNING at grid coordinates North (Y) = 13,187,804.984 feet (4,747,609.926 varas), East (X) = 2,594,022.650 feet (933,848.180 varas), Texas Coordinate System, South Central Zone, North American Datum of 1983, a point being on the Mean High Water of said Aransas Bay, at contour elevation 0.99 feet. North American Vertical Datum of 1988, from which a 5/8" steel rebar found for control bears North 61" 57" 55" West, a grid distance of 26.51 feet (9.54 varas);

THENCE, with said line of Mean High Water along Aransas Bay, the following courses and distances:

THENCE, North 28°07'36" East, a grid distance of 19.91 feet (7.17 varas) to a point; THENCE, North 36°13'47" East, a grid distance of 49.43 feet (17.79 varas) to a point; THENCE, North 44°55'00" East, a grid distance of 44.75 feet (16.11 varas) to a point at grid coordinates North (Y) = 13,187,894.041 feet (4,747,641.987 varas), East (X) = 2,594,092.815 feet (933,873.439 varas) for the terminus of this line, from whence a 5/8" steel rebar set for control bears North 61°57'55" West, a grid distance of 32.16 feet (11.58 varas);

NOTICE:

This survey was performed in accordance with Section 33.136, Natural Resources Code, for the purpose of evidencing the location of the shoreine 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 Coda.

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 June 17, 2013

L. Brundrett, Ji

Arahsas County Surveyor Registered Professional Land Surveyor #2133 Survey Personnel: J.L. Brundrett, Jr. Jesse Marshall Thomas Hattenbach



GENERAL LAND OFFICE

JERRY PATTERSON, COMMISSIONER

Natural Resources Code

33.136,

File Date Délto/rol8 by R.

EXAS GENERAL LAND OFFICE

Surveying Division Coastal Boundary Survey Approval

Project: Shell Ridge Road Shoreline Stabilization

Project No: CE20140042 (GLO)

- Project Manager: Amy Nuñez, Lower Coast Regional Manager Texas General Land Office
- Surveyor: J. L. Brundrett, RPLS, Aransas County Surveyor
- **Description:** Being a Coastal Boundary Survey, dated June 17, 2013, by J. L. Brundrett Jr, Registered Professional Land Surveyor, and duly elected Surveyor of Aransas County, delineating the line of Mean High Water along the western shore of Aransas Bay and State of Texas Submerged Land Tract 192, same line being a portion of the littoral boundary of the Samuel Highland Survey, Abstract 74. The survey is associated with and in support of breakwater construction and shoreline stabilization, proposed under Texas General Land Office easement numbered CE20140042 and is located easterly of the intersection of Shell Ridge Road and Sand Fiddler Street, Aransas County, at coordinates N27° 59' 47.4", W97° 03' 42.5" WGS84. A copy of the survey plat is recorded in Volume 6, at Page 130, Plat Records of Aransas County.

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: Surveying Division

<u>Alt. 13, 2014</u> Date

Approval Filed as:

Tex.Nat.Res.Code Article 33.136 Aransas County, Sketch No. 10

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Next Document>>

ISSUE 03/14/2014 **ACTION** Miscellaneous

Notice of Approval of Coastal Boundary Survey

Pursuant to §33.136 of the Texas Natural Resources Code, notice is hereby given that Jerry Patterson, Commissioner of the General Land Office, approved a **coastal boundary** survey described as follows:

Being a Coastal Boundary Survey, dated June 17, 2013, by J. L. Brundrett Jr., Registered Professional Land Surveyor, and duly elected Surveyor of Aransas County, delineating the line of Mean High Water along the western shore of Aransas Bay and State of Texas Submerged Land Tract 192, same line being a portion of the littoral boundary of the Samuel Highland Survey, Abstract 74. The survey is associated with and in support of breakwater construction and shoreline stabilization, proposed under Texas General Land Office easement numbered CE20140042 and is located easterly of the intersection of Shell Ridge Road and Sand Fiddler Street, Aransas County, at coordinates N27º 59' 47.4", W97º 03' 42.5" WGS84. A copy of the survey plat is recorded in Volume 6, at Page 130, Plat Records of Aransas County.

This survey is intended to provide pre-project baseline information related to an erosion response activity on coastal public lands. An owner of uplands adjoining the project area is entitled to continue to exercise littoral rights possessed prior to the commencement of the erosion response activity, but may not claim any additional land as a result of accretion, reliction, or avulsion resulting from the erosion response activity.

For a copy of this survey or more information on this matter, contact Bill O'Hara, Director of the Survey Division, Texas General Land Office by phone at (512) 463-5212, email bill.o'hara@glo.texas.gov, or fax (512) 463-5223.

TRD-201400978

Larry L. Laine Chief Clerk/Deputy Land Commissioner General Land Office	TEXAS GENERAL LAND OFFICE Art. 33.136, Natural Resources Code Co. <u>Aranses</u> , <u>sketch No. 10</u> File Date <u>66/20/2015</u> by <u>R. Kartye</u>		
		Filed: March 4, 2014	
		Next Page	Previous Page
Re-Query Register Database	Back to List		
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PUBLISHER'S AFFIDAVIT

STATE OF TEXAS COUNTY OF ARANSAS

