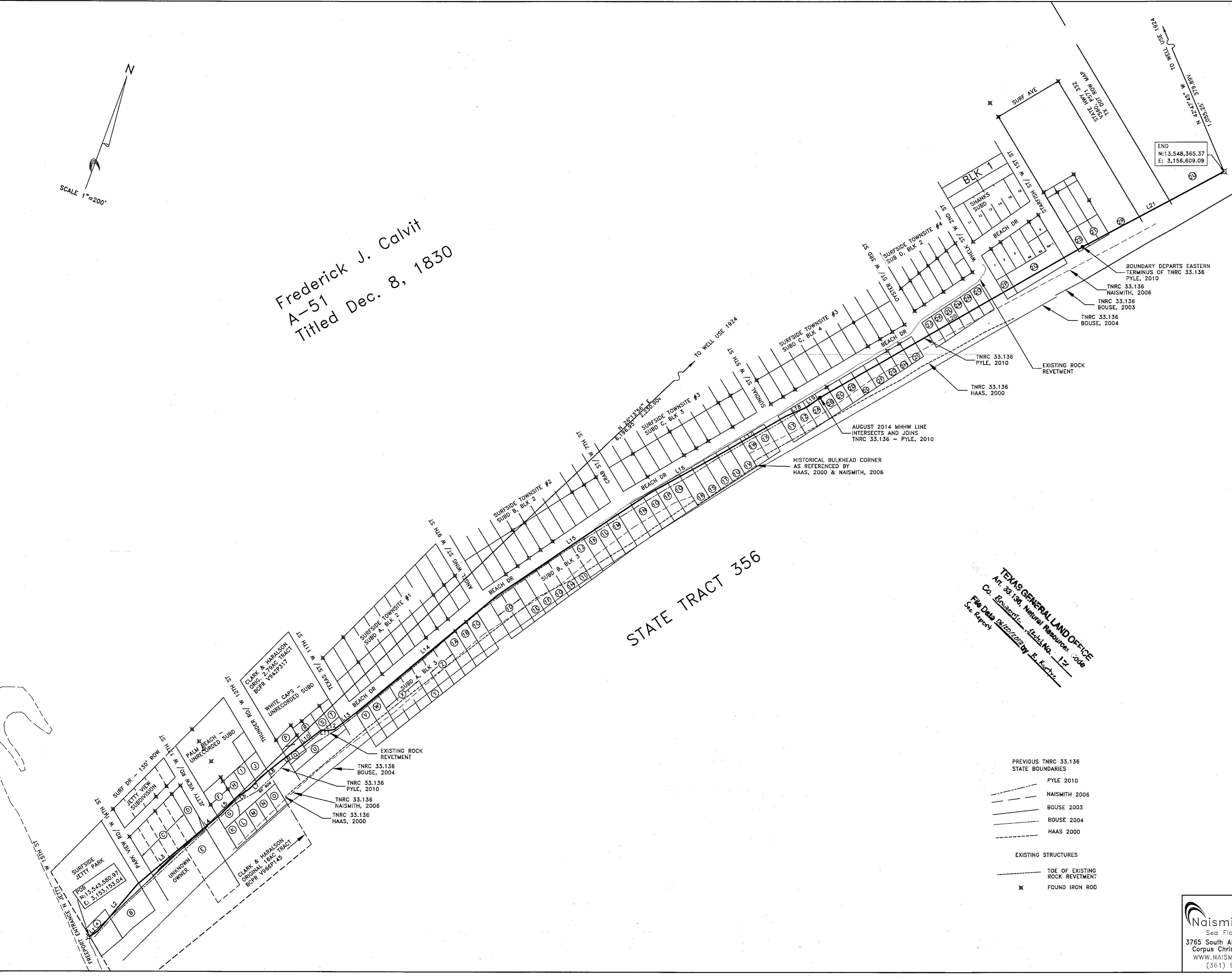
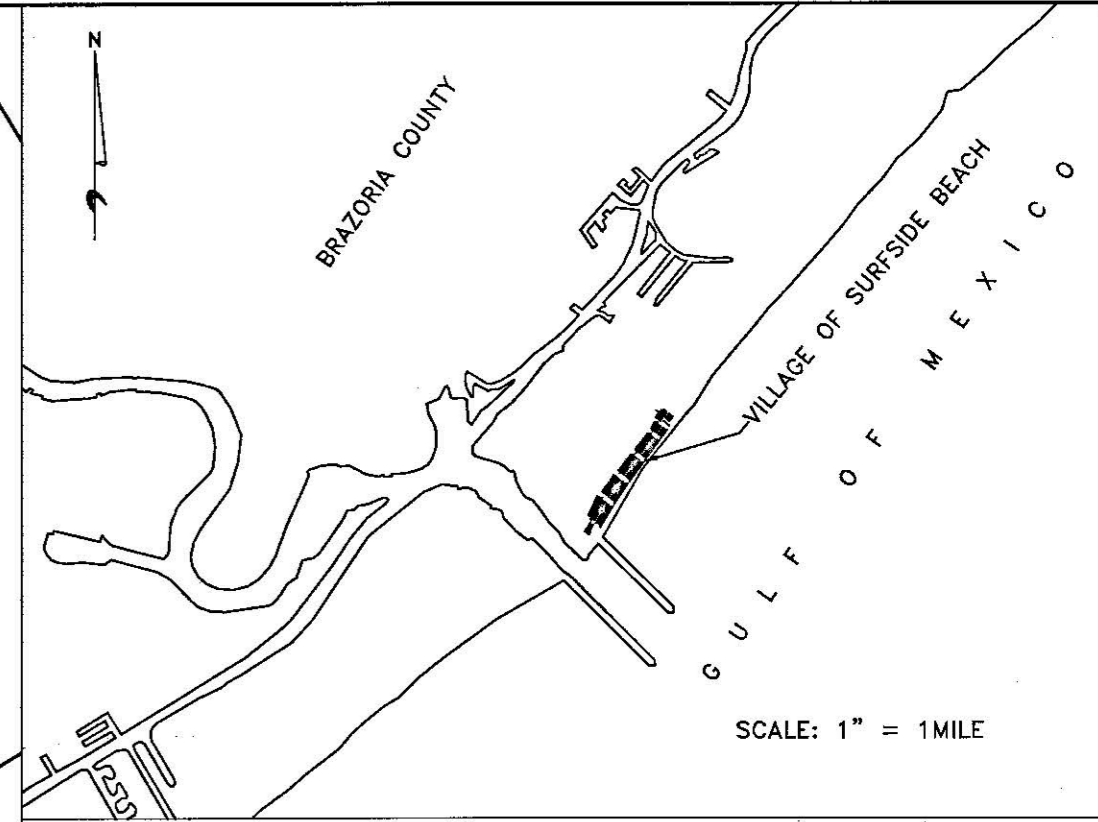


Frederick J. Calvit
A-51
Titled Dec. 8, 1830



- NOTES: VILLAGE OF SURFSIDE BEACH
- EROSION RESPONSE WORK CEPPA PROJECT 1570 WILL CONSIST OF THE FOLLOWING:
 - BEACH NOURISHMENT AND DUNE STABILIZATION
 - ALL COORDINATES REFER TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (#4204), AS DEFINED BY ARTICLE 21.071 OF THE NATURAL RESOURCES CODE OF THE STATE OF TEXAS, 1983 DATUM, US FEET. ALL BEARINGS ARE LAMBERT GRID BEARINGS AND ALL DISTANCES GRID. SCALE FACTOR IS 0.999885359 AND MAPPING ANGLE IS 01d 49'09".
 - COORDINATES AND ELEVATIONS ARE BASED ON MONUMENTS & ON OPUS SOLUTIONS. VERTICAL DATUM: NAVD88 (GEOID 12A)

REFERENCE MONUMENT "WELL USE 1912 1931 1933", PID AM0095
N: 13,549,139.69
E: 3,155,892.17
ELEV: 5.1' NAVD88

REFERENCE MONUMENT "CAPTAIN", PID AM0078
N: 13,542,613.65
E: 3,151,799.35
ELEV: 9.1' NAVD88
 - ALL POSITIONS AND ELEVATIONS RECORDED USING SURVEY GRADE, RTK GPS. EQUIPMENT: HEMISPHERE S320 OR TRIMBLE R8.
 - MEAN HIGHER HIGH WATER (MHHW) ELEVATION OF 1.3' WAS DETERMINED FROM SAN LUIS PASS, FREEPORT, AND GALVESTON TIDE GAUGE DATA.
 - TO CONVERT FEET TO VARAS MULTIPLY BY 0.36.
 - UPLAND TRACT LINES SHOWN HEREON ARE BASED ON DEED DESCRIPTIONS AND APPRAISAL DISTRICT MAPS, LINES ARE SHOWN FOR REFERENCE ONLY.
 - REFERENCE ACCOMPANYING REPORT DATED OCTOBER, 2014 FOR ADDITIONAL INFORMATION.
 - BACKGROUND IMAGE: MARCH 2014, 10-CM. PROVIDED BY TEXAS GENERAL LAND OFFICE. FOR REFERENCE ONLY.

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

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Brazoria, State No. 12
File Date 08/20/2015 by E. Kerby
See Report

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.

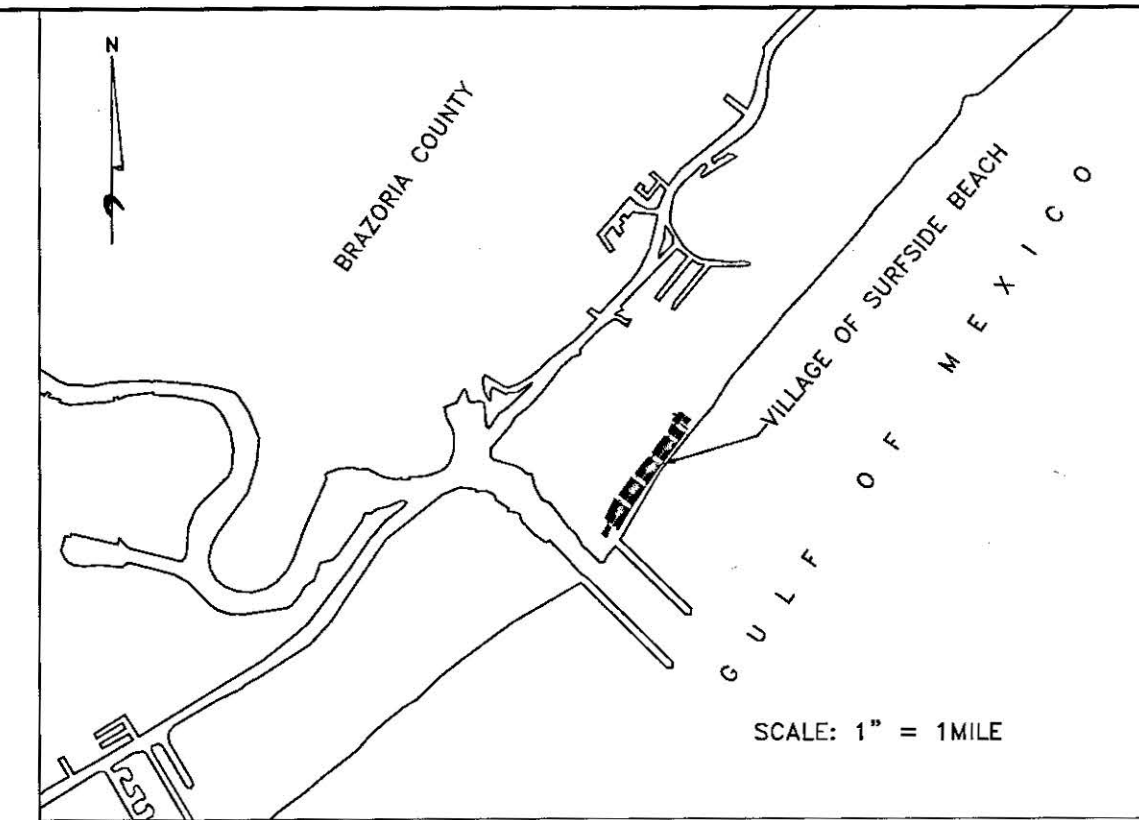
FILL IS LOCATED WITHIN THE SURVEYED AREA AND IS SHOWN ON FILL MAP - SHEET 3 OF 3 AND REFERENCED IN ACCOMPANYING REPORT DATED OCTOBER, 2014.

A ROCK REVETMENT IS SHOWN ON MAP. NO ADDITIONAL RETAINING WALLS OR STRUCTURAL MODIFICATIONS HAVE BEEN PLACED ALONG THE SURVEYED LITTORAL BOUNDARY.

SURVEYED: 27 AUGUST, 2014
SURVEY PERSONNEL:
JAMES M. NAISMITH
B.S. GAMBILL
J.Z. GIESSEL

J. Naismith 1/23/2015
JAMES M. NAISMITH
LICENSED STATE LAND SURVEYOR

Naismith Marine Sea Floor Surveying 3765 South Alameda, Suite 205 Corpus Christi, Texas 78411 WWW.NAISMITHMARINE.COM (361) 945-0248	NO.	DATE	REVISION	COASTAL BOUNDARY SURVEY SURFSIDE BEACH BEING THE LITTORAL BOUNDARY ALONG A PORTION OF THE FREDERICK J. CALVIT SURVEY, A-51; ADJACENT TO THE GULF OF MEXICO AND SUBMERGED STATE TRACT 356 BRAZORIA COUNTY, TEXAS
		01/23/15	D.PYLE12/14	
				DATE: OCT 2014
				SHEET: 1 OF 3



- NOTES: VILLAGE OF SURFSIDE BEACH
- EROSION RESPONSE WORK CEPA PROJECT 1570 WILL CONSIST OF THE FOLLOWING:
 - BEACH NOURISHMENT AND DUNE STABILIZATION
 - ALL COORDINATES REFER TO THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (#4204), AS DEFINED BY ARTICLE 21.071 OF THE NATURAL RESOURCES CODE OF THE STATE OF TEXAS, 1983 DATUM, US FEET. ALL BEARINGS ARE LAMBERT GRID BEARINGS AND ALL DISTANCES GRID. SCALE FACTOR IS 0.999885359 AND MAPPING ANGLE IS 01d 49'09".
 - COORDINATES AND ELEVATIONS ARE BASED ON MONUMENTS & ON OPUS SOLUTIONS. VERTICAL DATUM: NAVD88 (GEOID 12A)

REFERENCE MONUMENT "WELL USE 1912 1931 1933", PID AM0095
 N: 13,549,139.69
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 ELEV: 5.1' NAVD88

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 N: 13,542,613.65
 E: 3,151,799.35
 ELEV: 9.1' NAVD88
 - ALL POSITIONS AND ELEVATIONS RECORDED USING SURVEY GRADE, RTK GPS. EQUIPMENT: HEMISPHERE S320 OR TRIMBLE R8.
 - MEAN HIGHER HIGH WATER (MHHW) ELEVATION OF 1.3' WAS DETERMINED FROM SAN LUIS PASS, FREEPORT, AND GALVESTON TIDE GAUGE DATA.
 - TO CONVERT FEET TO VARAS MULTIPLY BY 0.36.
 - UPLAND TRACT LINES SHOWN HEREON ARE BASED ON DEED DESCRIPTIONS AND APPRAISAL DISTRICT MAPS. LINES ARE SHOWN FOR REFERENCE ONLY.
 - REFERENCE ACCOMPANYING REPORT DATED OCTOBER, 2014 FOR ADDITIONAL INFORMATION.
 - BACKGROUND IMAGE: MARCH 2014, 10-CM. PROVIDED BY TEXAS GENERAL LAND OFFICE. FOR REFERENCE ONLY.

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

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.

FILL IS LOCATED WITHIN THE SURVEYED AREA AND IS SHOWN ON FILL MAP - SHEET 3 OF 3 AND REFERENCED IN ACCOMPANYING REPORT DATED OCTOBER, 2014.

A ROCK REVETMENT IS SHOWN ON MAP. NO ADDITIONAL RETAINING WALLS OR STRUCTURAL MODIFICATIONS HAVE BEEN PLACED ALONG THE SURVEYED LITTORAL BOUNDARY.

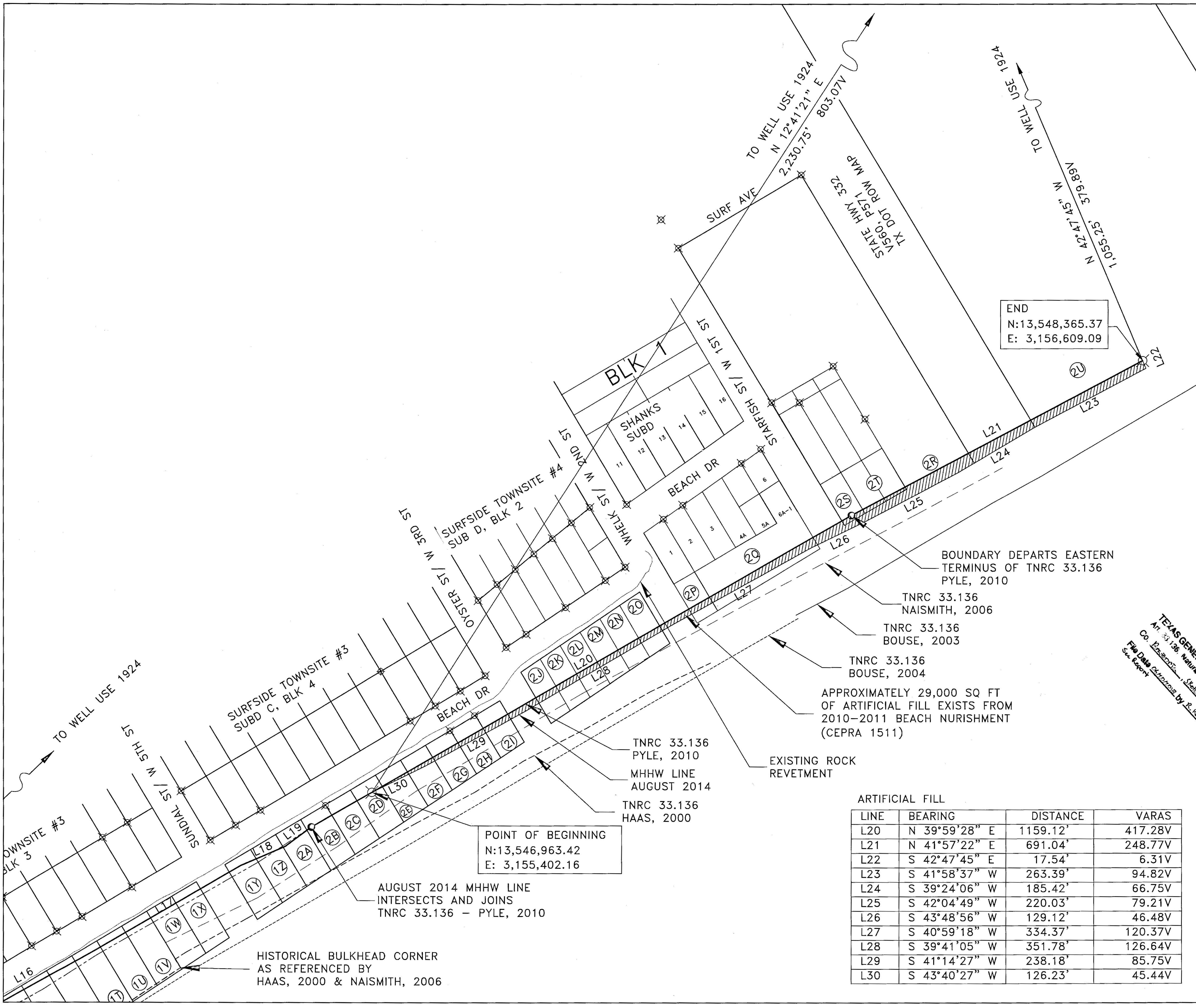
SURVEYED: 27 AUGUST, 2014
 SURVEY PERSONNEL:
 JAMES M. NAISMITH
 B.S. GAMBILL
 J.Z. GIESSEL

JMA 1/23/2015
 JAMES M. NAISMITH
 LICENSED STATE LAND SURVEYOR

NO.	DATE	REVISION	COASTAL BOUNDARY SURVEY-FILL MAP
			SURFSIDE BEACH
			BEING THE LITTORAL BOUNDARY ALONG A
			PORTION OF THE FREDERICK J. CALVIT
			SURVEY, A-51; ADJACENT TO THE GULF
			OF MEXICO AND SUBMERGED STATE TRACT 356
			BRAZORIA COUNTY, TEXAS
			SCALE: 1" = 100' DATE: SHEET:
			DRAWN BY: JZG OCT 2014 3 OF 3

Naismith Marine
 Sea Floor Surveying
 3765 South Alameda, Suite 205
 Corpus Christi, Texas 78411
 WWW.NAISMITHMARINE.COM
 (361) 945-0248

LINE	BEARING	DISTANCE	VARAS
L20	N 39°59'28" E	1159.12'	417.28V
L21	N 41°57'22" E	691.04'	248.77V
L22	S 42°47'45" E	17.54'	6.31V
L23	S 41°58'37" W	263.39'	94.82V
L24	S 39°24'06" W	185.42'	66.75V
L25	S 42°04'49" W	220.03'	79.21V
L26	S 43°48'56" W	129.12'	46.48V
L27	S 40°59'18" W	334.37'	120.37V
L28	S 39°41'05" W	351.78'	126.64V
L29	S 41°14'27" W	238.18'	85.75V
L30	S 43°40'27" W	126.23'	45.44V



TEXAS GENERAL LAND OFFICE
 Art. 33.136, Natural Resources Code
 Co. Brazoria, Sheet No. 17
 File Date Colored by R. Kerche
 Sta. Entry



TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

Surveying Division
Coastal Boundary Survey Approval

Project: Surfside Beach BMMP Beach Nourishment

Project No: CEPRA 1570 (GLO)
SD20140008 (GLO)

Project Manager: Thomas Durnin/Jason Nezamabadi (GLO-Coastal Resources)

Surveyor: James M. Naismith, Licensed State Land Surveyor

Description: Coastal Boundary Survey, by James M. Naismith, Licensed State Land Surveyor, dated August 27, 2014, delineating a portion of the littoral boundary of the F. J. Calvit Survey, Abstract 51, along the line of Mean Higher High Water (MHHW) of the Gulf of Mexico. The survey is in support of proposed beach re-nourishment and dune restoration work under Coastal Erosion Planning and Response Act, Project No. 1570 and is situated at Surfside Beach extending from State Highway 332 southwesterly to the Freeport Entrance Channel, North Jetty [coordinates North 28°56'37" (28.943861°) West 95°17'26" (95.290577°) NAD83]. A copy of the survey and survey report is filed as Instrument No. 2015004504, Official Public Records of Brazoria 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:

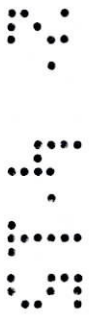
Signed: 
Surveying Division

Feb. 24, 2015
Date

Approval Filed as:

Tex. Nat. Res. Code Article 33.136 Brazoria County, Sketch No. 17

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Brazoria, Sketch No. 17
File Date 06/20/2018 by R. Kartye



Zac Giessel
Naismith Marine Services, Inc.
3765 S. Alameda St.
Ste. 205
Corpus Christi, TX 78411

January 29, 2015

Attn: Mr. David Pyle
Texas General Land Office
Survey Division
1700 N. Congress Ave.
Rm. 131
Austin, TX 78701

RE: Coastal Boundary Survey Maps: 33.136 Coastal Boundary for Surfside Beach CEPRA Project 1570

Mr. David Pyle:

Please find enclosed three (3) signed and sealed Coastal Boundary Survey (CBS) maps for Surfside Beach, Brazoria County. The Report of a Coastal Boundary Survey – Surfside Beach will be used for filing at Brazoria County, and a copy will be furnished with filing information attached as soon as it is returned from Brazoria County Clerk.

Please call me if you have any questions.

Thank you,

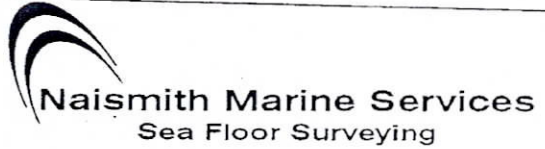
Justin ZAC Giessel
Naismith Marine Services, Inc.
zac@naismithmarine.com
361-920-0436

Encl.
(3) Mylar CBS Maps – Surfside Beach, Brazoria County

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Brazoria, Sketch No. 17
File Date 06/20/2018 by R. Kartye



Naismith Marine Services, Inc.
3765 South Alameda, Suite 205
Corpus Christi, Texas 78411
(361) 945-0248 www.naismithmarine.com

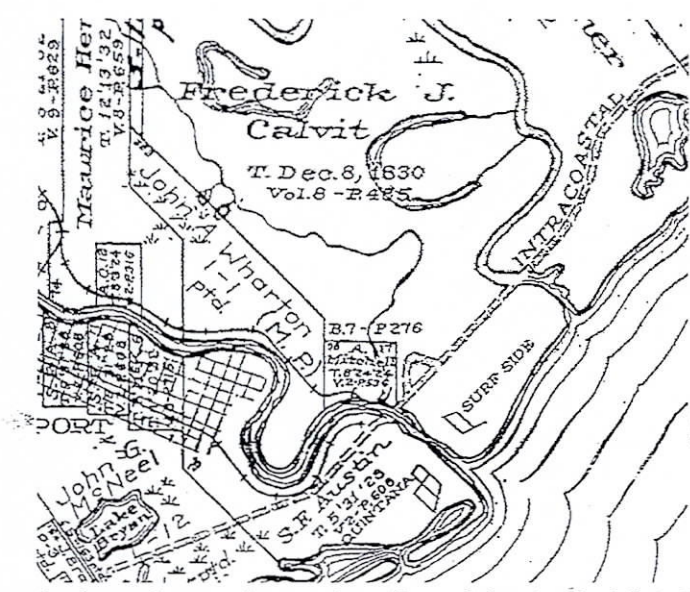


October, 2014

REPORT OF A COASTAL BOUNDARY SURVEY FOR
SURFSIDE BEACH
BEING THE LITTORAL BOUNDARY ALONG A
PORTION OF THE FREDERICK J. CALVIT SURVEY, A-51:
ADJACENT TO THE GULF OF MEXICO AND STATE TRACT 336
BRAZORIA COUNTY, TEXAS

This report accompanies a map of survey dated October 2014.

TEXAS GENERAL LAND OFFICE
ART. 33.136, Natural Resources Code
Co. Brazoria, Sketch No. 17
File Date 06/20/2014 by R. Kartye



Project area is along the southeast shoreline of the Frederick J. Calvit survey.

Purpose and Scope

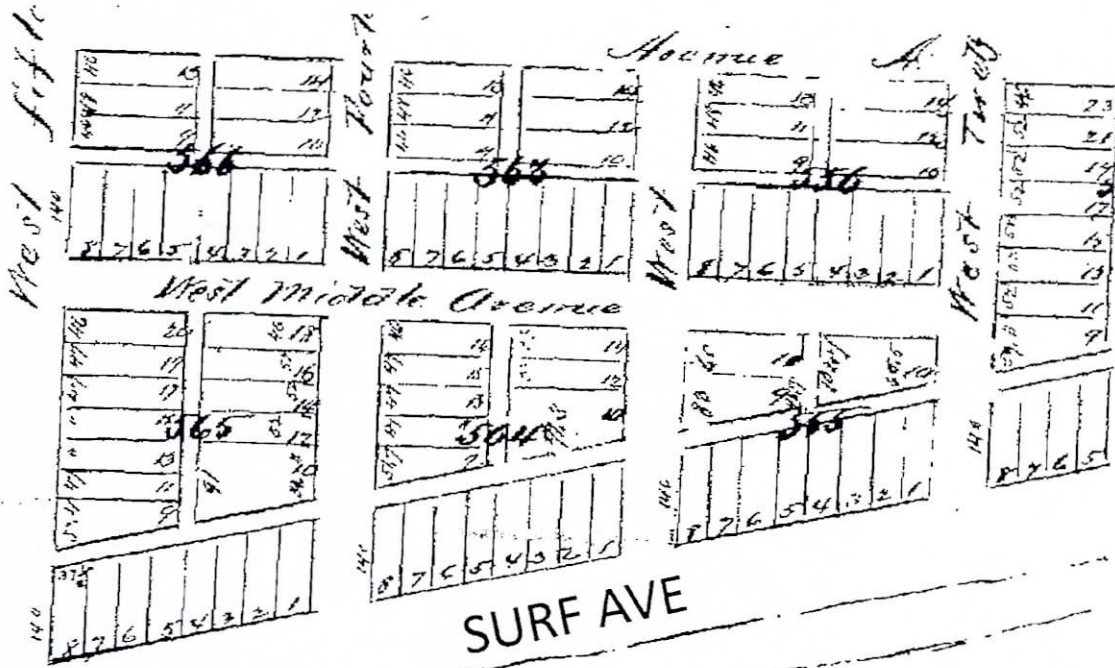
This survey was performed in accordance with Section 33.136, of the Texas Natural Resources Code, for the purpose of evidencing the location of the shoreline in the area depicted in this survey as that shoreline existed before commencement of erosion response activity, as required by Chapter 33, Texas Natural Resources Code (TNR). The State boundary was delineated along State Tract 356 along the Gulf of Mexico near the Village of Surfside Beach,

Texas. Erosion response work CEPR Project 1570 includes beach nourishment and dune stabilization. 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, TNRC.

History

State/private ownership is defined under civil law by the Spanish 'Siete Partidas' (1252-1284). In *Luttes v. Texas* the general description of the State/private boundary presented in Siete Partidas was given a scientific definition. For grants titled by sovereigns under civil law the state-owned seafloor extends up to the mean higher high water as defined using records from a complete 19 year tidal epoch. The project area is within the Frederick J. Calvit Survey, A-51 survey which was given title on December 8, 1830 by the Mexican sovereign in the State of **Coahuila Y Texas**. **The boundary between State and private land is the mean higher high water**

The Surfside townsite plat was recorded in 1893, and can be found in volume 32, page 28-31 of the Brazoria County Public Records (BCPR).



Surf Avenue right of way shown to lie along the Gulf of Mexico shoreline in 1893.

More than 400 to 600 feet of natural fill by accretion occurred for a time since the original 1893 plat, extending private property ownership seaward which was divided and sold. Severe erosion has since taken much of the land leaving several private structures on the public beach easement.

Survey Control

Horizontal control for this project was based on NGS control points 'WELL USE 1912 1931 1933' – PID AM0095, and 'CAPTAIN' - PID AM0078. OPUS solutions for these monuments were used to adjust published values.



'WELL USE 1912 1931 1933'

Tidal Datums

Historical tidal data was retrieved from San Luis Pass tidal station (currently silted in); tidal station 021: Galveston Pleasure Pier (decommissioned 2011); and tidal station 056: Freeport. Current data was accessed from tidal station 152: USCG Freeport and 529: Galveston entrance channel, north jetty. As referenced to this survey, the elevation of MHHW on the Gulf of Mexico is 1.3 feet NAVD 88.

MHHW Survey

The MHHW line was measured along the shoreline of the Gulf of Mexico. The shoreline is composed of unvegetated sand.

The upland tracts were researched and some property corners surveyed in order to establish the general location. This survey does not represent a property boundary survey for any of the upland tracts.

State tracts were drawn from GLO map 'Texas Gulf Coast – Map' "From the Sabine River to the Rio Grande as Subdivided for Mineral Development – General Land Office – Austin, Texas. Bascom Giles, Commissioner April 1948 (2910.tif).

Artificial Fill/ Buildup

Artificial fill from CEPRA Project 1511 (2010-2011) beach renourishment remains along an approximately 1,400' stretch of shoreline on the eastern portion of the project area between

Sundial Street and eastern extent of project area (State Highway 332). Artificial fill was evidenced by comparing the present location of the MHHW contour to previous TNRC 33.136 coastal boundary surveys (shown on maps 1 of 3 and 3 of 3 dated October 2014). Eastern extent of fill is extended past the eastern terminus of TNRC 33.136 line – D. Pyle, 2010 as evidenced in historical aerial photography. Existing artificial fill is composed of beach quality sand which covers a 29,000 ft² area. See fill map dated October 2014 (sheet 3 of 3) for more details.

Field Notes for the littoral boundary of several tracts along the Gulf shoreline of Follet's Island, in the Frederick J. Calvit Survey, A-51 survey which was given title on December 8, 1830, adjacent to state tract 356 in the Gulf of Mexico, Brazoria County, Texas. Bearings, Distances, and Coordinates are grid, Texas State Plane Coordinate System, South Central Zone, North American Datum of 1983, US Feet.

Beginning at a point, N= 13,543,580.97, E= 3,153,153.04, on the MHHW contour on the shoreline of the Gulf of Mexico; from which 'WELL USE 1912 1931 1933' bears N 26°13'56" W a distance of 6,196.95' (2,230.90v);

thence N 36°15'41" E along the shore of the Gulf of Mexico a distance of 45.45' (16.36v);
thence N 19°45'28" E a distance of 266.03' (95.77v);
thence N 29°36'24" E a distance of 306.34' (110.28v);
thence N 30°09'47" E a distance of 169.07' (60.87v);
thence N 22°37'30" E a distance of 96.26' (34.65v);
thence N 36°52'21" E a distance of 63.86' (22.99v);
thence N 23°11'57" E a distance of 68.55' (24.68v);
thence N 31°33'22" E a distance of 106.49' (38.34v);
thence N 32°28'36" E a distance of 141.49' (50.94v);
thence N 32°13'12" E a distance of 83.97' (30.23v);
thence N 73°46'21" E a distance of 30.45' (10.96v);
thence N 60°20'34" E a distance of 25.16' (9.06v);
thence N 32°16'46" E a distance of 133.32' (48.00v);
thence N 30°08'07" E a distance of 779.19' (280.51v);
thence N 35°58'41" E a distance of 789.89' (284.36v);
thence N 40°55'22" E a distance of 317.83' (114.42v);
thence N 39°37'57" E a distance of 354.96' (127.78v);
thence N 46°34'23" E a distance of 101.10' (36.40v);
thence N 33°24'01" E a distance of 67.90' (24.44v) to intersection of present MHHW contour and TNRC 33.136 - D. Pyle, 2010 line;

thence N 39°59'28" E along TNRC 33.136 - D. Pyle, 2010 line a distance of 1,305.76' (470.07v) to the eastern terminus of TNRC 33.136 – D. Pyle, 2010 line;

thence N 41°57'22" E along the 2010 MHHW contour as evidenced by historical aerial photography a distance of 691.04' (248.77v) to the eastern project extent;

to the end N = 13,548,365.37, E = 3,156,609.09, from which 'WELL USE 1912 1931 1933' bears N 42°47'45" W a distance of 1,055.25' (379.89v).

Field Notes for the **extent of artificial fill** along several tracts along the Gulf shoreline of Follet's Island, in the Frederick J. Calvit Survey, A-51 survey adjacent to state tract 356 in the Gulf of Mexico, Brazoria County, Texas. Bearings, Distances, and Coordinates are grid, Texas State Plane Coordinate System, South Central Zone, North American Datum of 1983, US Feet.

Beginning at a point, N= 13,546,963.42, E= 3,155,402.16; being a point along the intersection of the present MHHW contour of the shoreline of the Gulf of Mexico and TNRC 33.136 - D. Pyle, 2010 line, from which 'WELL USE 1912 1931 1933' bears N 12°41'21" E a distance of 2,230.75'

~~(818.07v)~~

thence N 39°59'28" E along TNRC 33.136 - D. Pyle, 2010 line a distance of 1,159.12' (417.28v) to the eastern terminus of TNRC 33.136 - D. Pyle, 2010 line;

thence N 41°57'22" E along the 2010 MHHW contour as evidenced by historical aerial photography a distance of 691.04' (248.77v) to the eastern project extent;

thence S 42°47'45" E along the eastern project extent a distance of 17.54' (6.31v) returning to the present MHHW contour;

thence S 41°58'37" W along the present MHHW contour a distance of 263.39' (94.82);

thence S 39°24'06" W a distance of 185.42' (66.75v);

thence S 42°04'49" W a distance of 220.03' (79.21v);

thence S 43°48'56" W a distance of 129.12' (46.48v);

thence S 40°59'18" W a distance of 334.37' (120.37v);

thence S 39°41'05" W a distance of 351.78' (126.64v);

thence S 41°14'27" W a distance of 238.18' (85.75v);

thence S 43°40'27" W a distance of 126.23' (45.44v);

which is the point of beginning;

having an area of 29,000 square feet (0.7) acres.

Surveyors Certificate:

I, James M. Naismith, Licensed State Land Surveyor in and for the State of Texas, 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; and was made utilizing methodology approved by the Texas General Land Office.

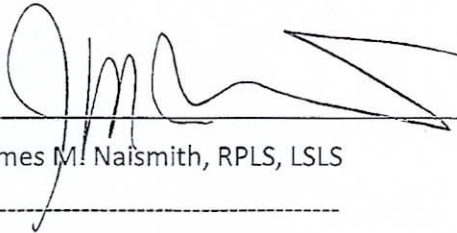
Fill is located within the surveyed area and is shown on Fill Map - Sheet 3 of 3 and referenced in this report dated October, 2014.

A rock revetment is shown on map. No additional retaining walls or structural modifications have been placed along the surveyed littoral boundary.

Surveyed: 27 August, 2014

Survey personnel:

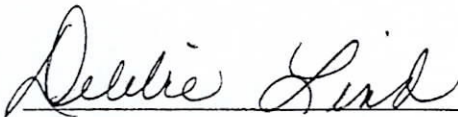
James M. Naismith
B.S. Gambill
J.Z. Giessel



James M. Naismith, RPLS, LSLS

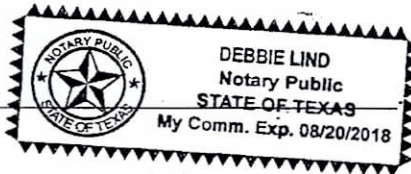
Naismith Marine Services, Inc.

Subscribed and sworn to me on the 26th day of January, 2015



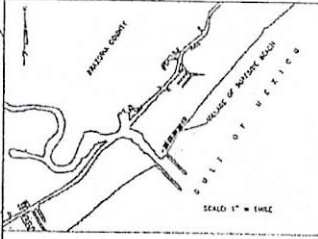
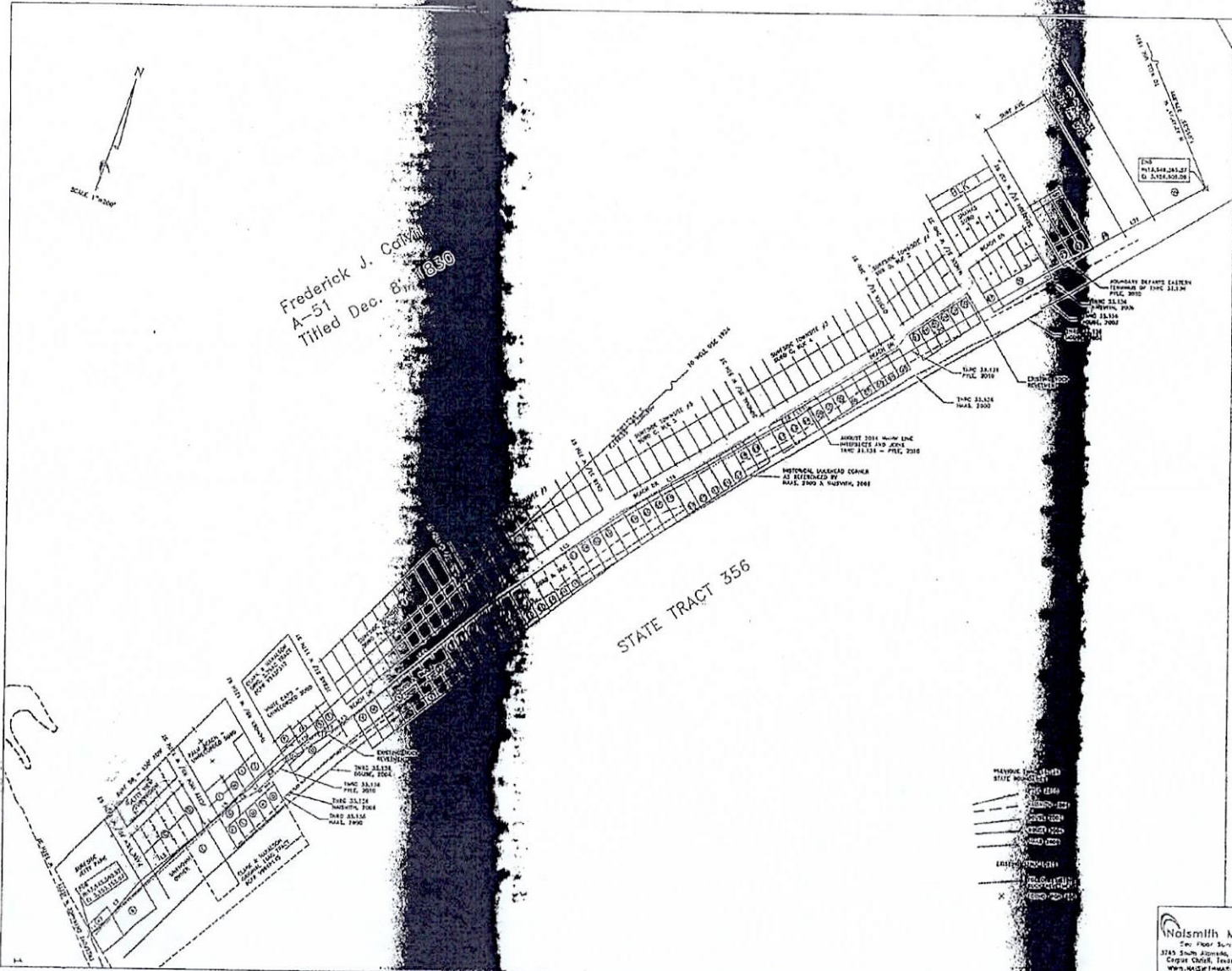
Notary Public

My commission expires _____





Frederick J. Catlett
A-51
Titled Dec. 8, 1830



- WITHIN VILLAGE OF SURFSIDE BEACH
1. SURVEY BEYOND MONUMENTAL PROJECT 1830 WILL CONSIST OF THE FOLLOWING:
 - a) EACH MONUMENT AND BENCH STABILIZATION
 2. ALL CORNERMENTS REFER TO THE STATE STATIC PLATE COMPONENT SYSTEM, SOUTH CENTRAL ZONE (PUBLISHED BY NOTICE 2131) OF THE NATIONAL BUREAU OF SURVEYING, U.S. GEOLOGICAL SURVEY, RESTON, VA. ALL BEARINGS AND DISTANCES ARE AS SHOWN ON SAID PLATE. THE STATE STATIC PLATE COMPONENT SYSTEM IS BUILT TO THE 1983 DATUM. THE STATE STATIC PLATE COMPONENT SYSTEM IS BUILT TO THE 1983 DATUM. THE STATE STATIC PLATE COMPONENT SYSTEM IS BUILT TO THE 1983 DATUM.
 3. COORDINATES AND ELEVATIONS ARE BASED ON MONUMENTS AND BENCH MARKS AS SHOWN ON SAID PLATE. THE STATE STATIC PLATE COMPONENT SYSTEM IS BUILT TO THE 1983 DATUM. THE STATE STATIC PLATE COMPONENT SYSTEM IS BUILT TO THE 1983 DATUM. THE STATE STATIC PLATE COMPONENT SYSTEM IS BUILT TO THE 1983 DATUM.
 4. ALL POINTS AND ELEVATIONS RECORDED LONG SURVEY BEARS AND ONE, EQUIPMENT NUMBERED 2106 OF TOWNSHIP 34S.
 5. MEAN SEA LEVEL (MSL) ELEVATION OF 0.0' WAS DETERMINED FROM SEA LEVEL POINT, PREPARED AND MAINTAINED THE COAST GUARD.
 6. TO CONVERT FEET TO METER MULTIPLY BY 0.3048.
 7. UPLAND TRACT LINES SHOWN HEREON ARE BASED ON DEED RECORDS AND APPROPRIATE DISTRICT MAPS, LINES ARE SHOWN FOR REFERENCE ONLY.
 8. REFERENCE ACCOMPANYING REPORT DATED OCTOBER, 2014 FOR PERSONAL INFORMATION.
 9. BACKGROUND MAPS: SURVEY 2014, IS-CV, PROVIDED BY TEXAS GENERAL LAND OFFICE, FOR REFERENCE ONLY.

I, JAMES H. CATLETT, HEREBY STATE THAT THIS DRAWING REPRESENTS A SURVEY THAT IS COMPLETE IN ACCORDANCE WITH SECTION 33.116, NATIONAL BUREAU OF SURVEYING, U.S. GEOLOGICAL SURVEY, RESTON, VA. THE SURVEY WAS MADE IN THE FIELD UNDER MY DIRECT CONTROL AND SUPERVISION AND I HAVE FOLLOWED METROLOGY APPROVED BY THE USGS AND IS RECORDED IN...

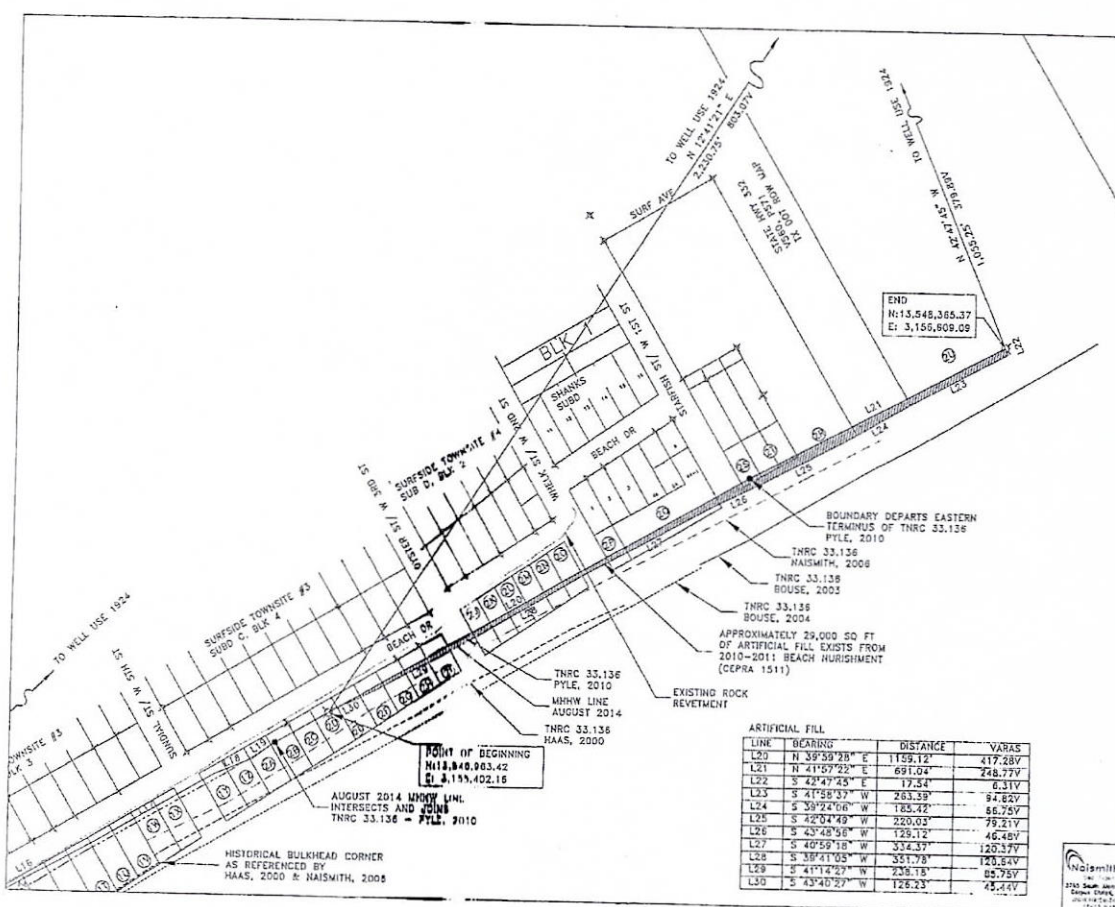
NOTICE: THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH SECTION 33.116, NATIONAL BUREAU OF SURVEYING, U.S. GEOLOGICAL SURVEY, RESTON, VA. THE SURVEY WAS MADE IN THE FIELD UNDER MY DIRECT CONTROL AND SUPERVISION AND I HAVE FOLLOWED METROLOGY APPROVED BY THE USGS AND IS RECORDED IN...

A BLOCK STATEMENT IS SHOWN ON MAP. NO ADDITIONAL SETBACKS POINTS OR STRUCTURAL MARKERS HAVE BEEN PLACED ALONG THE SURVEYED LITTORAL BOUNDARY.

CONDUCTED AT SURFSIDE, TEXAS
DATE: 10/20/2014
SURVEY PERSONNEL:
JAMES H. CATLETT
J.J. BEVEL

NO.	DATE	APPROVED	COASTAL BOUNDARY SURVEY
1	10/20/2014	JAMES H. CATLETT	SURFSIDE BEACH
2			NAME OF THE SURVEY: SURFSIDE BEACH
3			NUMBER OF THE PREVIOUS: CALL#
4			NAME: SURFSIDE BEACH
5			OFFICE: SURFSIDE BEACH
6			STATE: TEXAS
7			SCALE: 1" = 200' PERI
8			DATE: 10/20/2014
9			SHEET: 1 OF 3

NoalSmith Marine
2nd Floor Surveying
3745 South Acropolis, Suite 100
Corpus Christi, Texas 78411
www.noal-smith-marine.com
(361) 845-0744



- NOTED REFERENCE TO SURFACE MARKS:
1. EVIDENCE MARKING WORK DONE UNDER 1924
 2. EVIDENCE MARKING WORK DONE UNDER 1924
 3. EVIDENCE MARKING WORK DONE UNDER 1924
 4. EVIDENCE MARKING WORK DONE UNDER 1924
 5. EVIDENCE MARKING WORK DONE UNDER 1924
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 14. EVIDENCE MARKING WORK DONE UNDER 1924
 15. EVIDENCE MARKING WORK DONE UNDER 1924
 16. EVIDENCE MARKING WORK DONE UNDER 1924
 17. EVIDENCE MARKING WORK DONE UNDER 1924
 18. EVIDENCE MARKING WORK DONE UNDER 1924
 19. EVIDENCE MARKING WORK DONE UNDER 1924
 20. EVIDENCE MARKING WORK DONE UNDER 1924

ARTIFICIAL FILL

LINE	BEARING	DISTANCE	VARIAS
L20	N 39°59'28" E	1159.12'	417.28V
L21	N 41°57'22" E	691.04'	248.77V
L22	S 42°41'25" E	17.54'	8.31V
L23	S 41°58'37" W	263.39'	94.82V
L24	S 39°24'06" W	185.42'	66.75V
L25	S 42°04'49" W	220.03'	79.21V
L26	S 43°48'58" W	129.12'	46.48V
L27	S 40°59'15" W	334.39'	123.77V
L28	S 38°41'05" W	351.78'	123.24V
L29	S 41°14'27" W	236.18'	86.75V
L30	S 43°40'27" W	128.23'	45.44V

Naismith Marine
 3750 South Beach Blvd, Suite 200
 Miami Beach, Florida 33133
 Phone: (305) 531-1111
 Fax: (305) 531-1112

FILED and RECORDED

~~Instrument~~ Number: 2015004504

~~Filing~~ and Recording Date: 02/02/2015 03:45:11 PM Pages: 10 Recording Fee: \$63.00

I hereby certify that this instrument was FILED on the date and time stamped hereon and RECORDED in the OFFICIAL PUBLIC RECORDS of Brazoria County, Texas.



Joyce Hudman

Joyce Hudman, County Clerk
Brazoria County, Texas

ANY PROVISION CONTAINED IN ANY DOCUMENT WHICH RESTRICTS THE SALE, RENTAL, OR USE OF THE REAL PROPERTY DESCRIBED THEREIN BECAUSE OF RACE OR COLOR IS INVALID UNDER FEDERAL LAW AND IS UNENFORCEABLE.

DO NOT DESTROY - Warning, this document is part of the Official Public Record.

cclerk-tamara

AFFP
GENERAL LAND OFFICE NOTICE OF

Affidavit of Publication

STATE OF TEXAS }
COUNTY OF BRAZORIA } SS

GENERAL LAND OFFICE
NOTICE OF APPROVAL OF COASTAL
BOUNDARY SURVEY

Cindy Cornette, being duly sworn, says:

That he is Advertising Director of the The Facts, a daily newspaper of general circulation, printed and published in Clute, Brazoria County, Texas; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

April 10, 2015, April 17, 2015

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

Coastal Boundary Survey, by James M. Naismith, Licensed State Land Surveyor, dated August 27, 2014, delineating a portion of the littoral boundary of the F. J. Calvit Survey, Abstract 51, along the line of Mean Higher High Water (MHHW) of the Gulf of Mexico. The survey is in support of proposed beach re-nourishment and dune restoration work under Coastal Erosion Planning and Response Act, Project No. 1570 and is situated at Surfside Beach extending from State Highway 332 southwesterly to the Freeport Entrance Channel, North Jetty [coordinates North 28°56'37" (28.943861°) West 95°17'26" (95.290577°) NAD83]. A copy of the survey and survey report is filed as Instrument No. 2015004504, Official Public Records of Brazoria 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.

That said newspaper was regularly issued and circulated on those dates.

SIGNED:



Advertising Director

Subscribed to and sworn to me this 17th day of April 2015.


Alexi Meredith Self, Notary, Brazoria County, Texas

My commission expires: August 24, 2015

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.

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code

Co. Brazoria, Sketch NO. 17

File Date 06/20/2018 by R. Kartye

00001698 00037763

Texas General Land Office
1700 N Congress
AUSTIN, TX 78701

[<<Prev Document](#)[Next Document>>](#)

Texas Register

AGENCY General Land Office

ISSUE 04/17/2015

ACTION Miscellaneous

Notice of Approval of Coastal Boundary Survey

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

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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-201501194

Larry L. Laine

Chief Clerk, Deputy Land Commissioner

General Land Office

Filed: April 8, 2015

TEXAS GENERAL LAND OFFICE
 Art. 33.136, Natural Resources Code
 Co. Brazoria, Sketch No. 17
 File Date 06/20/2016 by R. Kurtze

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