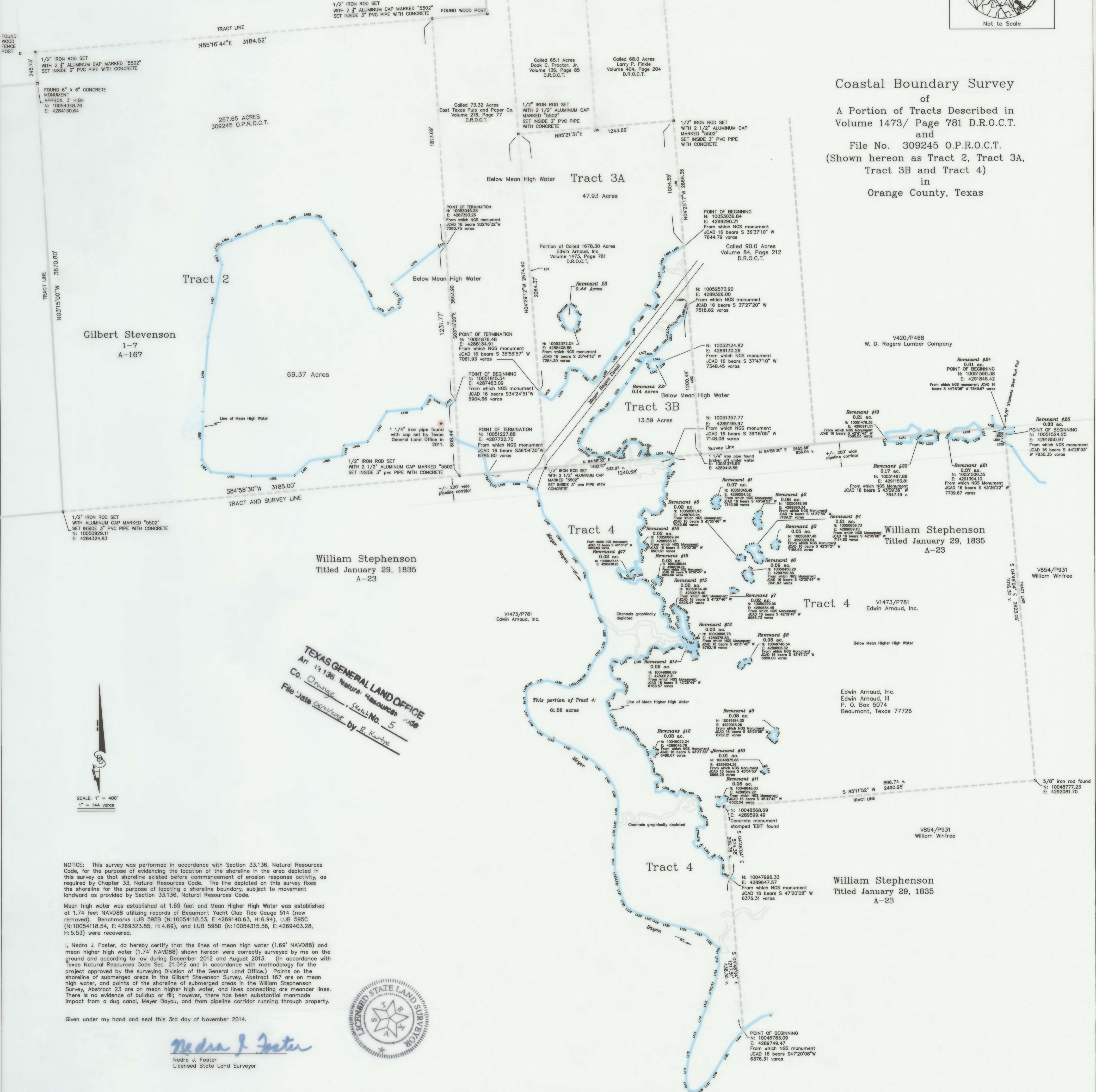


Coastal Boundary Survey
of
A Portion of Tracts Described in
Volume 1473/ Page 781 D.R.O.C.T.
and
File No. 309245 O.P.R.O.C.T.
(Shown hereon as Tract 2, Tract 3A,
Tract 3B and Tract 4)
in
Orange County, Texas



TEXAS GENERAL LAND OFFICE
Art. 4136 Natural Resources Code
Co. Orange, Sketch No. 5
File Date *expired* by *R. Karkh*



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 faces the shoreline for the purpose of locating a shoreline boundary, subject to movement landward as provided by Section 33.136, Natural Resources Code.

Mean high water was established at 1.69 feet and Mean Higher High Water was established at 1.74 feet NAVD88 utilizing records of Beaumont Yacht Club Tide Gauge 514 (now removed). Benchmarks LUB 595B (N:10054118.53, E:4269140.63, H:6.94), LUB 595C (N:10054118.54, E:4269323.85, H:4.69), and LUB 595D (N:10054315.56, E:4269403.28, H:5.53) were recovered.

I, Nedra J. Foster, do hereby certify that the lines of mean high water (1.69' NAVD88) and mean higher high water (1.74' NAVD88) shown hereon were correctly surveyed by me on the ground and according to law during December 2012 and August 2013. (In accordance with Texas Natural Resources Code Sec. 21.042 and in accordance with methodology for the project approved by the surveying Division of the General Land Office.) Points on the shoreline of submerged areas in the Gilbert Stevenson Survey, Abstract 167 are on mean high water, and points of the shoreline of submerged areas in the William Stephenson Survey, Abstract 23 are on mean higher high water, and lines connecting are meander lines. There is no evidence of buildup or fill; however, there has been substantial manmade impact from a dug canal, Meyer Bayou, and from pipeline corridor running through property.

Given under my hand and seal this 3rd day of November 2014.

Nedra J. Foster
Nedra J. Foster
Licensed State Land Surveyor



Firm Registration #: 10040800
@line & Associates, Inc.
P.O. Box 305
Slisbee, Texas 77656
409-385-9383

G.L.O. Project No. SL20140004
Applicant and Littoral Owner : Edwin Arnaud III
P. O. Box 564
Beaumont, Texas 77726

This plat and field notes (3 pages)
were filed on January 13, 2015 at
12:15 p.m. in Orange County
Public Records as Document
415004.

FIELD NOTES - PORTION OF TRACT 2 MEAN HIGH WATER LINE:

Field notes describing a coastal boundary survey performed on the line of mean high water within a portion of a 267.65 acre tract (called Tract 2) in the Gilbert Stevenson Survey, Abstract 167, and described in File No. 309245 of the Official Public Records of Orange County, Texas.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, Central Zone, U. S. survey feet. NGS Monument JCAD 16 has been utilized. The mapping angle is +314°51' and the combined scale factor is 1.000009716.

Commencing at an iron pipe found submerged at the southeast corner of Tract 3 shown on this plot which is out of a called 1678.30 acre tract described in Volume 1473, Page 781 O.P.R.O.C.T. Thence S84°58'30"W at 446.64 varas (1240.68 feet) pass a 3" iron rod with cap 'S502' set inside a 3" PVC pipe filled with concrete set at the southwest corner of the said Tract 3, also being the southeast corner of a called 73.32 acre tract described in Volume 216, Page 77. Continue same bearing for a total distance of 694.21 varas (1928.38 feet) to a 3" iron rod with cap 'S502' set inside a 3" PVC pipe filled with concrete set at the southeast corner of the herein described Tract 2, also being the southwest corner of the said 73.32 acre tract. Thence N04°25'17"W with the west line of the said 73.32 acre tract and the east line of said Tract 2, a distance of 219.04 varas (608.44 feet) to the PLACE OF BEGINNING at a point on the line of mean high water which has a coordinate value of N:10051815.54 U.S. survey feet and E:4287453.09 U. S. survey feet and from which point NGS monument JCAD 16 bears S34°24'51"W 6904.66 varas.

Table with columns for course and distance. Includes bearings like S54°12'35"W and distances like 30.54 v. 84.84'.

To the west line of the said 73.32 acre tract, also being the east line of said Tract 2, at a point which has a coordinate value of N:100530345.33 U.S. survey feet and E:4287393.26 U.S. survey feet and from which NGS Monument JCAD 16 bears S32°16'32"W 7260.75 varas.

FIELD NOTES - NORTHERLY PORTION OF TRACT 3 LINE OF MEAN HIGH WATER:

Field notes describing a coastal boundary survey performed on the line of mean high water within a portion of a 1678.30 acre tract (called Tract 3) in the Gilbert Stevenson Survey, Abstract 167, and described in Volume 1473, Page 781 of the Official Public Records of Orange County, Texas.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, Central Zone, U. S. survey feet. NGS Monument JCAD 16 has been utilized. The mapping angle is +314°51' and the combined scale factor is 1.000009716.

Commencing at an iron pipe found submerged at the southeast corner of Tract 3B shown on this plot, also being the southwest corner of a called 90.0 acre tract described in Volume 84, Page 212, and being in the north line of the William Stephenson Survey, Abstract 23. Thence N04°25'17"W with the east line of the herein described Tract 3 and the west line of the said 90.0 acre tract 1664.81 feet (509.33 varas) to the PLACE OF BEGINNING at a point on the line of mean high water which has a coordinate value of N:10053036.84 U. S. survey feet and E:4289290.21 U. S. survey feet and from which point NGS monument JCAD 16 bears S36°37'10"W 7844.79 varas.

Table with columns for course and distance. Includes bearings like S57°40'22"W and distances like 111.48' 40.13 v.

To its point of termination the east line of a called 73.32 acre tract described in Volume 216, Page 77 O.P.R.O.C.T. also being the west line of Tract 3. Said point has a coordinate value of N:10051815.54 U.S. survey feet and E:4287453.09 U.S. survey feet and from which NGS Monument JCAD 16 bears S35°55'57"W 7061.93 varas.

REMNANT 23: Field notes describing a 0.44 acre tract of land lying above the line of mean high water and located within the described Tract 3 (3A).

Table with columns for course and distance. Includes bearings like S71°35'08"W and distances like 21.10' 7.60 v.

To the PLACE OF BEGINNING containing 0.44 acre of land lying above the line of mean high water.

FIELD NOTES - SOUTHERLY PORTION OF TRACT 3 LINE OF MEAN HIGH WATER:

Field notes describing a coastal boundary survey performed on the line of mean high water within a portion of a 1678.30 acre tract (called Tract 3) in the Gilbert Stevenson Survey, Abstract 167, and described in Volume 1473, Page 781 of the Official Public Records of Orange County, Texas.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, Central Zone, U. S. survey feet. NGS Monument JCAD 16 has been utilized. The mapping angle is +314°51' and the combined scale factor is 1.000009716.

Commencing at a 1 1/4" iron pipe found submerged at the southeast corner of Tract 3B shown on this plot, also being in the north line of the William Stephenson Survey, Abstract 23, and being the southwest corner of a called 90.0 acre tract described in Volume 84, Page 212. Said iron pipe has a state plane coordinate value of N:10051376.99 and E: 4289418.55 U. S. survey feet. From this iron pipe NGS Monument JCAD16 bears S39°45'03"W 7203.50 varas.

THENCE S84°58'30"W across said 1678.30 acre tract, with the south line of said Abstract 167 a distance of 79.00 varas (219.44 feet) to the PLACE OF BEGINNING at a point in the line of mean high water. Said point has a coordinate value of N:10051357.77 U.S. survey feet and E:4289199.97 U.S. survey feet and from which NGS monument JCAD16 bears S39°18'05"W 7148.08 varas.

Table with columns for course and distance. Includes bearings like N60°06'23"W and distances like 28.48' 10.25 v.

To its point of termination on the east line of said Tract 3B, also being the west line of the said 90.0 acres. Said point has a coordinate value of N:10052573.90 U.S. survey feet and E:4289326.00 U. S. survey feet and from this point NGS monument JCAD 16 bears S37°27'20"W 7518.62 varas.

REMNANT 22: Field notes describing a 0.14 acre tract of land lying above the line of mean high water and located within the described Tract 3 (3B).

Table with columns for course and distance. Includes bearings like S43°08'22"W and distances like 34.42 v.

To the PLACE OF BEGINNING containing 0.14 acre of land lying above the line of mean high water.

FIELD NOTES - PORTION OF TRACT 4 LINE OF MEAN HIGHER HIGH WATER:

Field notes describing a coastal boundary survey performed on the line of mean higher high water within a portion of a 256.76 acre tract (called Tract 4) in the William Stephenson Survey, Abstract 23, and described in Volume 1473, Page 781 of the Official Public Records of Orange County, Texas.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, Central Zone, U. S. survey feet. NGS Monument JCAD 16 has been utilized. The mapping angle is +314°51' and the combined scale factor is 1.000009716.

BEGINNING at a point on the line of mean higher high water on the left descending bank of Meyer Bayou that has a State Plane Coordinate value of N: 10046783.09 U. S. survey feet and E:4289749.47 U. S. survey feet from which NGS monument JCAD 16 bears S47°20'08"W 6376.31 varas.

THENCE up the left descending bank of Meyer Bayou the following courses and distances:

Table with columns for line, bearing, distance, and varas. Includes bearings like S 41°57'38" W and distances like 134.35' 48.37 v.

TEXAS GENERAL LAND OFFICE
Ar. 33 136, Natural Resources, Code
Co. Orange, Subd. No. 5
File Date 04/14/2010 by B. Kerby

Table with columns for line, bearing, distance, and varas. Includes bearings like N 00°19'14" W and distances like 115.31' 41.51 v.

To a point of termination on the north line of said Tract 4 and the north line of the said William Stephenson Survey, also being the south line of the Gilbert Stevenson Survey, Abstract 167. Said point has a State Plane Coordinate value of N:10051227.88 U. S. survey feet and E:4287722.70 U. S. survey feet and from which NGS Monument JCAD 16 bears S36°04'30"W 6785.80 varas.

Continuing FIELD NOTES - PORTION OF TRACT 4 BELOW MEAN HIGHER HIGH WATER:

These field notes are continuing to describe a portion of Tract 4, line of mean higher high water. BEGINNING at a point on the common south line of the said Stevenson Survey, A-167, and the north line of the said Stephenson, A-23. Said point has a coordinate value of N:10051357.77 U.S. survey feet and E:4289199.97 U.S. survey feet and from which point NGS monument JCAD 16 bears S39°18'05"W 7148.08 varas.

THENCE with the line of mean higher high water as it traverses Tract 4 the following courses and distances:

Table with columns for course and distance. Includes bearings like S 00°48'41" E and distances like 28.21' 10.16 v.

Coastal Boundary Survey of A Portion of Tracts Described in Volume 1473/ Page 781 D.R.O.C.T. and File No. 309245 O.P.R.O.C.T. (Shown hereon as Tract 2, Tract 3A, Tract 3B and Tract 4) in Orange County, Texas

G.L.O. Project No. SL20140004
Applicant and Littoral Owner : Edwin Arnaud III
P. O. Box 564
Beaumont, Texas 77726

Firm Registration # 10040800
Shine & Associates, Inc.
P.O. Box 305
Silsbee, Texas 77556
409-385-9383

L360	S 89°11'40" W	20.75'	7.47 v.
L359	N 50°11'08" W	16.37'	5.89 v.
L358	N 79°44'29" W	21.51'	7.74 v.
L357	N 37°40'10" W	28.41'	10.59 v.
L356	N 80°21'06" W	33.11'	11.92 v.
L355	N 85°09'12" W	12.19'	4.39 v.
L354	S 47°43'20" W	27.44'	9.88 v.
L353	S 15°29'43" W	46.96'	16.91 v.
L352	S 27°15'51" W	22.35'	8.05 v.
L351	S 78°15'08" W	21.17'	7.62 v.
L350	N 89°25'31" W	16.85'	6.07 v.
L349	S 80°30'43" W	13.59'	4.89 v.
L348	S 29°32'34" W	30.01'	10.80 v.
L347	S 33°20'13" W	7.52'	2.71 v.
L346	S 83°44'33" W	12.39'	4.46 v.
L345	N 52°30'57" W	54.29'	19.54 v.
L344	S 81°51'55" W	47.21'	17.00 v.
L343	S 22°37'14" W	29.42'	10.59 v.
L342	S 65°59'52" W	15.83'	5.70 v.
L341	N 85°46'20" W	31.33'	11.28 v.
L340	N 74°33'48" W	52.22'	18.80 v.
L339	S 07°38'09" W	23.01'	8.28 v.
L338	S 46°43'28" E	25.85'	9.31 v.
L337	S 47°10'01" W	14.61'	5.26 v.
L336	N 50°09'01" W	17.43'	6.27 v.
L335	S 46°50'25" W	14.22'	5.12 v.
L334	S 15°25'53" E	55.67'	20.04 v.
L333	S 10°15'42" W	23.05'	8.30 v.
L332	S 40°49'30" E	59.48'	21.41 v.
L331	S 80°00'41" E	24.96'	8.99 v.
L330	S 53°03'44" E	48.01'	17.28 v.
L329	S 30°45'19" E	23.80'	8.57 v.
L328	S 05°13'31" W	17.03'	6.13 v.
L327	S 21°36'57" W	22.07'	7.95 v.
L326	S 81°31'23" W	9.23'	3.32 v.
L325	N 80°04'31" W	17.94'	6.48 v.
L324	S 77°24'00" W	23.56'	8.48 v.
L323	N 36°03'18" W	11.00'	3.96 v.
L322	S 57°18'19" W	45.38'	16.34 v.
L321	S 26°25'11" W	42.29'	15.22 v.
L320	S 58°35'06" W	42.99'	15.48 v.
L319	S 17°06'02" E	54.57'	19.65 v.
L318	S 08°20'01" E	61.72'	22.22 v.
L317	S 28°56'20" E	46.62'	16.78 v.
L316	S 19°18'44" E	62.51'	22.50 v.
L315	S 81°11'58" W	44.80'	16.13 v.
L314	N 65°55'50" E	30.89'	11.12 v.
L313	S 62°16'10" E	65.61'	23.62 v.
L312	S 45°13'48" E	41.55'	14.98 v.
L311	S 25°40'21" E	64.08'	23.07 v.
L310	S 47°50'42" E	82.81'	29.81 v.
L309	S 10°21'42" E	41.28'	14.86 v.
L308	S 35°41'58" E	32.05'	11.54 v.
L307	S 22°07'21" E	55.83'	20.10 v.
L306	S 08°50'05" E	70.55'	25.40 v.
L305	S 84°36'34" E	63.69'	22.93 v.
L304	S 08°19'21" E	35.11'	12.64 v.
L303	S 62°01'13" E	48.62'	17.54 v.
L302	S 09°52'19" E	50.25'	18.09 v.
L301	N 04°18'03" E	27.87'	10.03 v.
L300	S 84°08'21" E	36.23'	13.04 v.
L299	N 52°12'55" E	38.98'	14.03 v.
L298	S 72°41'35" E	23.29'	8.38 v.
L297	S 49°19'05" E	28.59'	10.65 v.
L296	S 75°30'24" E	33.84'	12.18 v.
L295	S 44°40'21" E	35.38'	12.74 v.
L294	N 23°25'33" E	50.99'	18.36 v.
L293	S 75°01'16" E	15.29'	5.56 v.
L292	S 56°55'42" E	23.18'	8.34 v.
L291	S 58°30'10" E	23.49'	8.46 v.
L290	S 88°07'17" E	64.31'	23.15 v.
L289	S 46°23'11" E	5.95'	2.00 v.
L288	S 57°00'27" E	20.18'	7.26 v.
L287	S 01°38'38" E	7.18'	2.59 v.
L286	S 30°14'31" E	27.23'	9.80 v.
L285	S 00°38'28" W	61.12'	22.00 v.
L284	S 81°05'58" E	27.25'	9.84 v.
L283	S 24°50'20" W	16.24'	5.85 v.
L282	S 23°29'20" E	31.72'	11.42 v.
L281	S 57°52'15" E	40.93'	14.73 v.
L280	S 01°51'07" E	48.34'	17.40 v.
L279	S 31°52'58" W	21.12'	7.60 v.
L278	N 64°48'27" W	28.32'	10.20 v.
L277	S 71°31'03" W	40.41'	14.55 v.
L276	S 05°01'03" E	61.11'	22.00 v.
L275	S 00°08'02" E	34.75'	12.51 v.
L274	S 81°30'33" W	32.98'	11.87 v.
L273	S 27°21'02" E	31.32'	11.28 v.
L272	S 48°39'17" E	32.55'	11.72 v.
L271	N 70°57'17" E	31.76'	11.43 v.
L270	S 39°16'41" E	23.09'	8.31 v.
L269	S 35°57'49" E	53.19'	19.15 v.
L268	S 17°40'52" E	26.94'	9.70 v.
L267	S 68°58'58" E	29.49'	10.62 v.
L266	N 62°19'43" E	34.02'	12.25 v.
L265	S 68°56'14" E	26.82'	9.66 v.
L264	S 43°56'26" E	31.86'	11.47 v.
L263	S 01°29'03" W	105.83'	38.10 v.
L262	S 62°51'29" E	71.42'	25.71 v.
L261	S 89°56'39" E	8.74'	3.15 v.

to a point on the southerly east line of tract described in Volume 1473, Page 781, also being a west line of the tract described in Volume 854, Page 931. Said termination point has a coordinate value of N:10047986.33 and E:4289647.57 and from this point NGS monument JCAD 16 bears S47°20'08"W 6376.31 varas.

The below described remnants are located in Tract 4 described in Volume 1473, Page 781 and are above mean higher high water.

Remnant #1

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10051045.49 and E:4289954.52 and from this point NGS monument JCAD16 bears S40°39'53"W 7143.96 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L1	S 67°57'19" E	24.22'	8.72 v.
L2	S 36°43'29" W	53.54'	19.27 v.
L3	S 35°05'14" E	19.08'	6.87 v.
L4	S 32°59'33" E	20.23'	7.28 v.
L5	S 67°45'13" W	28.33'	10.20 v.
L6	N 80°42'10" W	22.12'	7.96 v.
L7	N 44°08'20" E	22.87'	8.23 v.
L8	N 49°11'07" W	36.69'	13.21 v.
L9	N 29°15'01" E	31.92'	11.49 v.
L10	N 81°04'53" E	33.54'	12.07 v.

to the PLACE OF BEGINNING containing 0.07 acres of land.

Remnant #2

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050918.98 and E:4289890.34 and from this point NGS monument JCAD16 bears S41°37'56"W 7189.21 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L11	S 68°21'35" E	11.22'	4.04 v.
L12	S 22°20'57" W	33.90'	12.20 v.
L13	N 80°55'29" W	12.58'	4.53 v.
L14	S 15°53'07" W	17.44'	6.28 v.
L15	S 33°34'24" E	24.51'	8.82 v.
L16	S 17°59'30" E	18.56'	6.68 v.
L17	S 34°03'39" E	25.17'	9.06 v.
L18	S 32°05'43" W	15.00'	5.40 v.
L19	S 78°34'40" W	17.71'	6.38 v.
L20	N 42°47'01" W	15.10'	5.44 v.
L21	N 32°02'03" E	45.80'	16.52 v.
L22	N 20°39'30" E	16.96'	6.11 v.
L23	N 50°22'51" E	20.87'	7.51 v.
L24	N 31°15'12" W	22.83'	8.22 v.
L25	N 53°39'00" E	40.83'	14.70 v.

to the PLACE OF BEGINNING containing 0.08 acres of land.

Remnant #3

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050661.48 and E:42898200.54 and from this point NGS monument JCAD16 bears S42°21'21"W 7158.63 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L26	S 56°40'58" E	18.71'	6.74 v.
L27	S 06°29'58" W	32.73'	11.78 v.
L28	S 27°43'33" W	17.04'	6.13 v.
L29	N 85°07'18" W	28.06'	10.10 v.
L30	N 10°44'56" W	28.86'	10.76 v.
L31	N 29°09'59" E	21.36'	7.69 v.
L32	N 68°36'21" E	20.53'	7.39 v.

to the PLACE OF BEGINNING containing 0.05 acres of land.

Remnant #4

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050566.73 and E:4289859.10 and from this point NGS monument JCAD16 bears S42°05'08"W 7114.60 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L33	S 23°50'03" E	34.97'	12.59 v.
L34	S 26°58'21" W	33.51'	12.06 v.
L35	S 84°03'14" E	32.29'	11.62 v.
L36	S 42°41'10" E	32.07'	11.55 v.
L37	S 21°44'03" W	18.04'	6.49 v.
L38	S 34°35'31" W	34.69'	12.49 v.
L39	N 58°11'17" W	52.35'	18.65 v.
L40	N 15°58'51" W	48.04'	17.29 v.
L41	N 57°09'25" W	60.58'	21.81 v.
L42	N 19°40'09" E	23.93'	8.61 v.
L43	N 58°29'45" E	18.14'	6.53 v.
L44	N 81°05'38" E	43.82'	15.78 v.
L45	N 89°04'45" E	18.79'	6.76 v.

to the PLACE OF BEGINNING containing 0.21 acres of land.

Remnant #5

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050561.93 and E:4289708.94 and from this point NGS monument JCAD16 bears S41°55'46"W 7049.85 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L46	N 81°56'18" E	43.09'	15.51 v.
L47	S 40°41'10" E	14.85'	5.35 v.
L48	S 10°44'33" W	14.20'	5.11 v.
L49	S 83°08'29" W	21.32'	7.68 v.
L50	N 52°44'27" W	36.86'	12.91 v.

to the PLACE OF BEGINNING containing 0.02 acres of land.

Remnant #6

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050450.26 and E:4289799.55 and from which NGS monument JCAD16 bears S42°20'44"W 7041.63 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L51	S 51°06'53" E	11.39'	4.10 v.
L52	S 28°59'25" E	31.11'	11.20 v.
L53	S 12°05'53" E	44.12'	15.88 v.
L54	S 56°33'23" W	16.45'	5.92 v.
L55	N 66°06'56" W	22.55'	8.12 v.
L56	N 51°26'04" W	29.01'	10.44 v.
L57	N 22°54'13" W	43.13'	15.63 v.
L58	N 55°36'38" E	22.38'	8.08 v.
L59	N 72°33'28" E	22.98'	8.27 v.

to the PLACE OF BEGINNING containing 0.09 acres of land.

Remnant #7

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050299.90 and E:4289654.45 and from which NGS monument JCAD16 bears S42°19'41"W 6966.73 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L60	N 79°27'24" E	29.90'	10.76 v.
L61	S 36°21'02" E	12.76'	4.59 v.
L62	S 60°36'54" E	18.81'	7.13 v.
L63	S 76°23'52" W	16.14'	5.81 v.
L64	S 88°51'09" W	30.66'	11.04 v.
L65	N 22°35'53" W	20.51'	7.38 v.

to the PLACE OF BEGINNING containing 0.02 acres of land.

Remnant #8

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10049746.54 and E:4289808.32 and from which NGS monument JCAD16 bears S43°47'27"W 6859.00 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L66	S 14°32'58" E	23.25'	8.37 v.
L67	S 46°02'10" W	11.97'	4.31 v.
L68	N 76°14'28" W	14.08'	5.07 v.
L69	S 64°12'48" W	36.61'	13.29 v.
L70	S 15°13'59" W	15.73'	5.66 v.
L71	S 55°08'52" W	32.83'	11.85 v.
L72	N 10°42'14" E	29.32'	10.56 v.
L73	N 43°20'30" E	26.56'	9.56 v.
L74	N 66°58'14" E	74.02'	26.65 v.

to the PLACE OF BEGINNING containing 0.06 acres of land.

Remnant #9

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10049184.29 and E:4290015.26 and from which NGS monument JCAD16 bears S45°25'56"W 6767.21 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE	BEARING	DISTANCE	VARAS
L75	S 81°50'55" E	8.70'	3.13 v.
L76	S 02°13'20" E	24.83'	8.94 v.
L77	S 35°20'00" W	22.86'	8.20 v.
L78	S 50°12'54" E	11.02'	3.97 v.
L79	S 05°27'33" W	27.18'	9.78 v.
L80	S 47°09'43" W	23.30'	8.39 v.
L81	N 35°31'11" W	28.19'	10.15 v.
L82	N 54°36'57" W	32.61'	11.84 v.
L83	N 36°08'45" E	37.66'	13.56 v.
L84	N 57°08'54" E	41.87'	15.07 v.

to the PLACE OF BEGINNING containing 0.08 acres of land.

Remnant #10

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10048864.83 and E:4289924.39 and from which NGS monument JCAD16 bears



TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

Surveying Division
Coastal Boundary Survey Approval

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Orange, Sketch No. 5
File Date 06/21/2018 by L. Kerby

Project: Rose City Mitigation
Project No: SL20140004 (GLO)
Project Manager: Mollie Powell, Upper Coast Regional Manager
Texas General Land Office
Surveyor: Nedra J. Foster, Licensed State Land Surveyor

Description: Coastal Boundary Survey, conducted December 2012 and August 2013, by Nedra J. Foster, Licensed State Land Surveyor, delineating the lines of Mean High Water (MHW) and Mean Higher High Water (MHHW), along portions of the littoral boundaries of the Gilbert Stevenson Survey, Abstract 167 (MHW) and the William Stephenson Survey, Abstract 23 (MHHW), situated in that area, designated as Rose City Marsh, lying easterly from the Neches River and along the upper reaches of Meyer Bayou. Said survey being centered on approximate coordinates N30° 05' 08.12" (30.085588°), W94° 01'59.30" (94.033140°). The survey is associated with Texas General Land Office lease number SL200140004 and a map (copy) of same is recorded in the Orange County Public Records as Document number 415004.

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:  Feb. 5, 2015
Surveying Division Date

Approval Filed as:

Tex.Nat.Res.Code Article 33.136 Orange County, Sketch No. 5