

#### Surveying Division Coastal Boundary Survey Approval

**Project Name:** 

Bird Island Cove

Project No:

SL20120008, General Land Office CEPRA 1520, General Land Office

Project Manager:

Mollie Powell, Upper Coast Regional Manager

Surveyor:

James M. Naismith, Licensed State Land Surveyor

Description:

A Coastal Boundary Survey, conducted on April 8 & 9 and June 5, 2013, by James M. Naismith, Licensed State Land Surveyor, associated with Texas General Land Office, Lease No. SL20120008 and CEPRA Project No. 1520. The survey delineates various portions of the littoral boundary of the Hall & Jones Survey, Abstract 121, along the line of Mean High Water, on the southerly shore of West Bay. Same line being portions of the boundary line of State of Texas Submerged Land, designated as West Bay Tracts 47 and 56. The survey is situated westerly and northwesterly of Indian Beach Section 1 on West Galveston Island.

Date 16, 2013

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

Approval Filed as:

TEXAS GENERAL LAND OFFICE

Art. 33.136, Natural Resources Code

Tex.Nat.Res.Code Article 33.136, Galveston County, Sketch No. 72

Co. Galveston, Sketch No. 72

File Date (16/20/2018 by 12 Kertye

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www.glo.state.tx.us

# Texas Register, Volume 38, Number 42, Pages 7161-7374, October 18, 2013 Page: 7,362

Request for Proposals #303-5-20409

The Texas Facilities Commission (TFC), on behalf of the Office of the Attorney General (OAG), announces the issuance of Request for Proposals (RFP) #303-5-20409. TFC seeks a five (5) year lease of approximately 2,146 square feet of office space in Baytown, Texas, and within zip code 77521.

The deadline for questions is October 24, 2013 and the deadline for proposals is November 8, 2013 at 3:00 p.m. The award date is December 10, 2013. TFC reserves the right to accept or reject any or all proposals submitted. TFC is under no legal or other obligation to execute a lease on the basis of this notice or the distribution of an RFP. Neither this notice nor the RFP commits TFC to pay for any costs incurred prior to the award of a grant.

Parties interested in submitting a proposal may obtain information by contacting Jon Conant at (512) 463-3160. A copy of the RFP may be downloaded from the Electronic State Business Daily at http://esbd.cpa.state.tx.us/bid\_show.cfm?bidld=108354.

TRD-201304462 Kay Molina General Counsel Texas Facilities Commission Filed: October 7, 2013

#### General Land Office

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:

A Coastal Boundary Survey, conducted on April 8 and 9 and June 5, 2013, by James M. Naismith, Licensed State Land Surveyor, associated with General Land Office, Lease No. SL20120033. The survey delineates various portions of the littoral boundary of the Jones & Hall Survey, Abstract 121, along the line of Mean High Water on the southerly shore of West Bay. Same line being portions of the boundary line of State of Texas Submerged Land, designated as West Bay Tracts 47 and 56. The survey is situated westerly and northwesterly of Indian Beach Section 1 on West Galveston Island, Galveston 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, General Land Office by phone at (512) 463-5212, email bill.o'hara@glo.texas.gov, or fax (512) 463-5223.

TRD-201304486 Larry L. Laine Chief Clerk, Deputy Land Commissioner General Land Office Filed: October 9, 2013

Texas Health and Human Services Commission

Notice of Public Hearing on Proposed Medicaid Payment Rates for Doctor of Dentistry Surgical Services

Hearing. The Texas Health and Human Services Commission (HHSC) will conduct a public hearing on November 20, 2013, at 1:30 p.m., to receive comment on proposed Medicaid payment rates for Doctor of Dentistry Surgical Services.

The public hearing will be held in the Health and Human Services Commission Public Hearing Room, Brown-Heady Building, located at 4900 North Lamar, Austin, Texas. Entry is through security at the main entrance of the building, which faces Lamar Boulevard. The hearing will be held in compliance with Human Resources Code §32.0282 and 1 Texas Administrative Code (TAC) §355.201, which require public notice of and hearings on proposed Medicaid reimbursements.

Proposal. The payment rates for Doctor of Dentistry Surgical Services are proposed to be effective January 1, 2014.

Methodology and Justification. The proposed payment rates were calculated in accordance with:

1 TAC §355.8081, which addresses payments for laboratory and x-ray services, radiation therapy, physical therapists' services, physician services, podiatry services, chiropractic services, optometric services, abulance services, dentists' services, psychologists' services, licensed psychological associates' services, maternity clinic services, and tuberculosis clinic services;

1 TAC §355.8085, which addresses the reimbursement methodology for physicians and other practitioners; and

1 TAC §355.8441, which addresses the reimbursement methodology for durable medical equipment and expendable supplies in the Early and Periodic Screening, Diagnosis, and Treatment (EPSDT) Program (known in Texas as Texas Health Steps).

Briefing Package. A briefing package describing the proposed payments will be available at http://www.hhsc.state.tx.us/rad/rate-packets.shtml on or after November 6, 2013. Interested parties may obtain a copy of the briefing package prior to the hearing by contacting Rate Analysis by telephone at (512) 730-7401; by fax at (512) 730-7475; or by e-mail at sarah.hambrick@hhsc.state.tx.us. The briefing package will also be available at the public hearing.

Written Comments. Written comments regarding the proposed payment rates may be submitted in lieu of, or in addition to, oral testimony until 5:00 p.m. the day of the hearing. Written comments may be sent by U.S. mail to the Texas Health and Human Services Commission, Attention: Rate Analysis, Mail Code H-400, P.O. Box 149030, Austin, Texas 78714-9030; by fax to Rate Analysis at (512) 730-7475; or by e-mail to sarah.hambrick@hbsc.state.tx.us. In addition, written comments may be sent by overnight mail or hand delivered to Texas Health and Human Services Commission, Attention: Rate Analysis, Mail Code H-400, Brown-Heatly Building, 4900 North Lamar, Austin, Texas 78751.

Persons with disabilities who wish to attend the hearing and require auxiliary aids or services should contact Rate Analysis at (512) 730-7401 at least 72 hours in advance, so appropriate arrangements can be made.

TRD-201304358 Steve Aragon Chief Counsel Texas Health and Human Services Commission Filed: October 3, 2013 TEXAS GENERAL LAND OFFICE Art. 33.136, Natural Resources Code Co. (2014eston., 5/kc/ch. No. 72.)

Co. (2014eston., 5/kc/ch. No. 72.)

File Date 06/20/2012 by R. Kertyk.

38 TexReg 7362 October 18, 2013 Texas Register

Texas. Secretary of Stote. Texas Register, Volume 38, Number 42, Pages 7161-7374, October 18, 2013, periodical, October 18, 2013; Austin, Texas.

(texashistory.unt.edu/ark:/67531/metapth379969/m1/202/?

q=Naismith%20AND%20%22Coastal%20Boundary%20Survey%22: accessed June 18, 2018), University of North Texas Libraries, The Portal to Texas History, texashistory.unt.edu; crediting UNT Libraries Government Documents Department.

#### Naismith Marine Services, Inc.

3765 South Alameda, Suite 205 Corpus Christi, Texas 78411 (361) 945-0248 <u>www.naismithmarine.com</u>

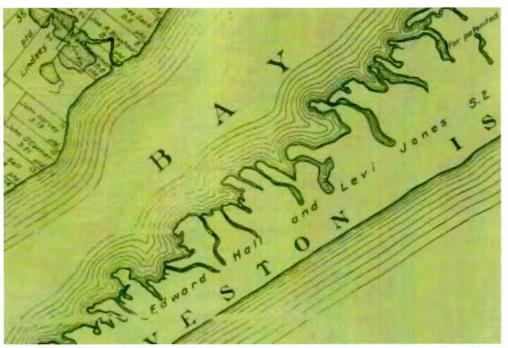


June, 2013

## Report of a Coastal Boundary Survey for

# A 62 Acre Tract on West Galveston Bay in the Hall and Jones Survey, Abstract No. 121 Galveston County, Texas

This report accompanies a map of survey dated March, 2013.



Survey area is along the northwest side of Galveston Island

## TEXAS GENERAL LAND OFFICE

Art. 33.136, Natural Resources Code

Co. Galveston, Sketchno. 72

File Date Ob/20/2018 by R Kurtye

#### **Survey Control**

Horizontal control for this project is based on the control point 'HGCSD 62', a benchmark near the survey area, and '1649 A 2012' a control monument set for the Carancahua Lake Tide Gauge directly across West Galveston Bay from the project site. OPUS solutions were used to check the published coordinates of 'HGCSD 62' in the South Central Zone of the Texas State Plane Coordinate system. Datum is NAD83, US Feet.

#### **Tidal Datums**

The tide gauge 'USCG Freeport' and three months of tidal observations at the tide gauge 'Carancahua Lake' were used to establish MHW (Mean High Water) for this survey. Reference to 'Carancahua Lake' was made by tying in three benchmarks; '1649 A 2012', '1649 B 2012', and '1649 C 2012'. The MHW elevation was also compared and checked to the datums established at the 'Galveston Railroad Bridge' tide gauge from the 'Pier 21' tide gauge. As referenced to this survey, the elevation of MHW on the West Galveston Bay shoreline is **0.95 feet** (datum is NAVD 88).

#### **MHW Survey**

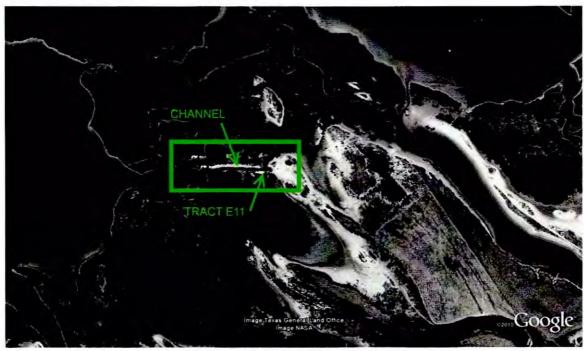
The MHW line was measured along the shoreline of West Galveston Bay at the 62 acre tract. The shoreline of the 62 acre tract is composed of mostly clay, silt, and sand. In most areas it is heavily vegetated.



**Typical Shoreline** 

#### Artificial Fill / Buildup

The 1950's aerial appears to show a small channel cut in from the bay to the peninsula that existed at that time. Spoil was placed on both sides of this small channel. Over time the spoil on the north side eroded away and a small section remains on the south side. This area is outlined as Tract E11.

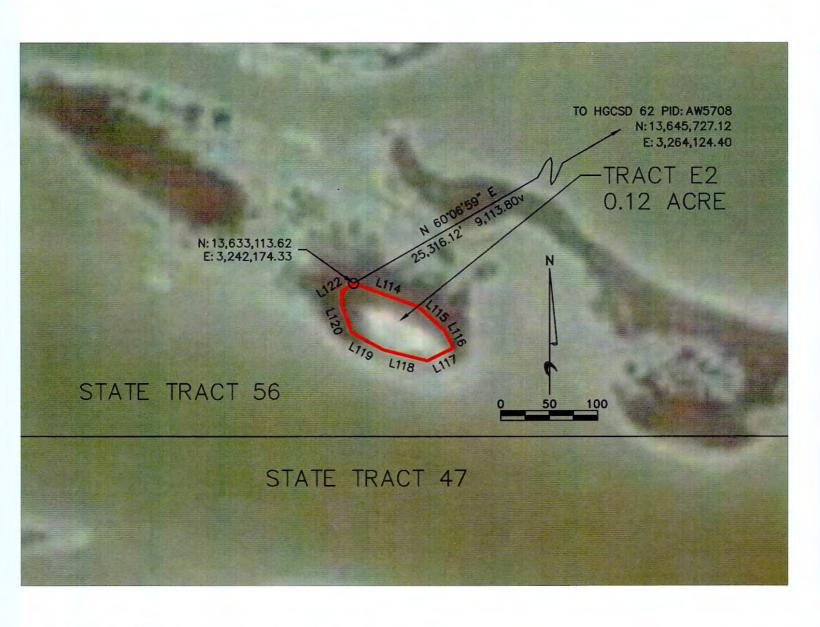


1950's Aerial View (Google Earth)

#### **Proposed Erosion Response Activity**

The nature of the erosion response activities consist of placing geotextile tubes filled with dredged material from a nearby permitted borrow area to protect existing vegetated marsh and future marsh restoration features from erosion forces.

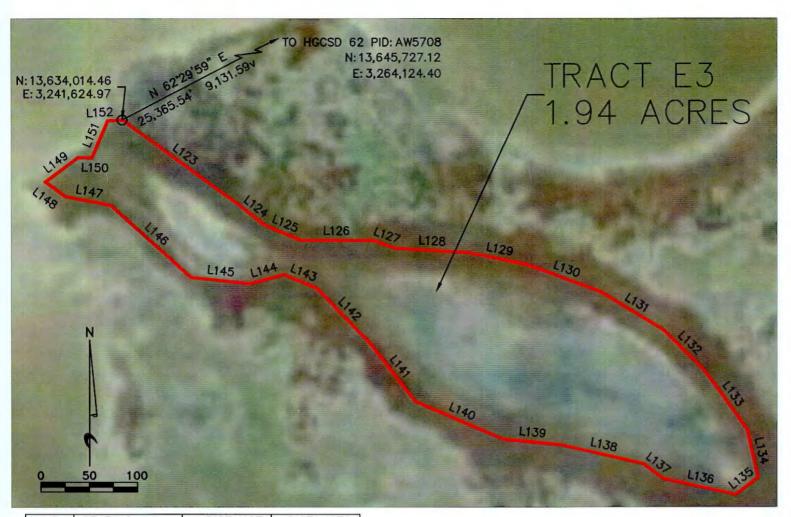
GLO lease #: SD20120008



LINE	BEARING	DISTANCE	DISTANCE2
L114	S 70°17'51" E	70.54	25.39v
L115	S 47°57'23" E	36.69'	13.21v
L116	S 27'29'03" E	20.02'	7.21v
L117	S 63'13'30" W	30.01	10.80v
L118	N 76'05'07" W	46.87	16.87v
L119	N 61°27'11" W	37.16'	13.38v
L120	N 20'49'44" W	30.19'	10.87v
L121	N 01°39'04" E	14.72'	5.30v
L122	N 58'09'35" E	14.54	5.23∨

## TRACT E2 DETAIL

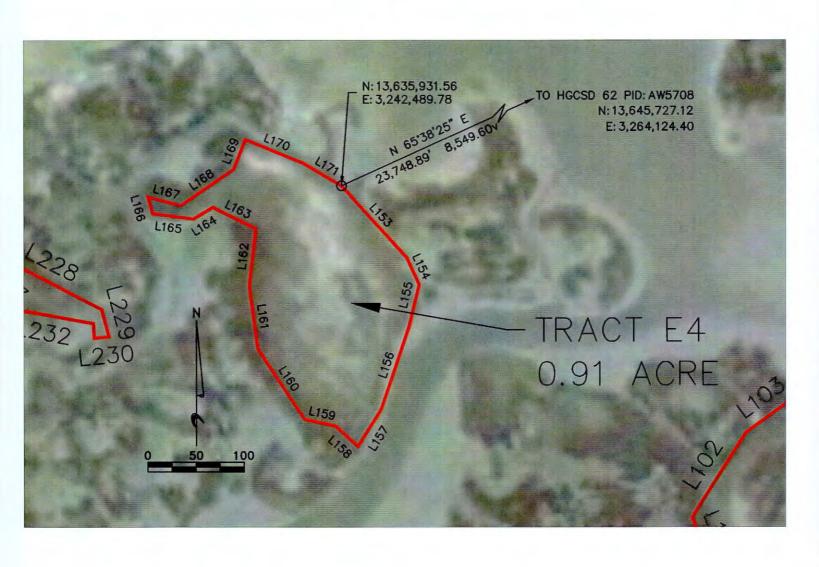
COASTAL BOUNDARY SURVEY OF THE LITTORAL BOUNDARY OF A 62 ACRE UPLAND TRACT IN THE HALL AND JONES SURVEY, A-121 ADJACENT TO ST 56, WEST GALV. BAY GALVESTON COUNTY, TEXAS



LINE	BEARING	DISTANCE	DISTANCE2
L123	S 53'51'08" E	147.13'	52.97v
L124	S 52'05'20" E	34.57	12.44v
L125	S 66'52'01" E	40.68'	14.64v
L126	S 89'44'08" E	75.80'	27.29v
L127	S 70°16'38" E	23.47	8.45v
L128	S 86'34'39" E	76.89'	27.68v
L129	S 78'33'31" E	61.35'	22.09v
L130	S 69°45'01" E	80.90'	29.12v
L131	S 58°26'40" E	75.42'	27.15v
L132	S 45'36'21" E	59.99'	21.60v
L133	S 35'56'05" E	75.08'	27.03v
L134	S 12'42'02" E	51.27	18.46v
L135	S 52*53'52" W	29.21	10.52v
L136	N 77'29'41" W	77.13'	27.77v
L137	N 52'34'02" W	25.47'	9.17v
L138	N 76'51'31" W	87.00'	31.32v
L139	N 84'30'57" W	60.58'	21.81v
L140	N 66'40'53" W	98.65'	35.51v
L141	N 37'55'32" W	75.67'	27.24v
L142	N 43'59'00" W	79.06'	28.46v
L143	N 67'22'12" W	36.93'	13.29v
L144	S 75°15'52" W	36.84	13.26v
L145	N 83°50'54" W	61.12'	22.00v
L146	N 48°02'51" W	110.74'	39.87v
L147	N 79°05'54" W	48.06'	17.30v
L148	N 5315'56" W	25.30'	9.11v
L149	N 53°00'45" E	42.02'	15.13v
L150	S 88°38'11" E	14.29'	5.14v
L151	N 23'18'30" E	41.49'	14.93v
L152	N 86'48'43" E	15.28'	5.50v

## TRACT E3 DETAIL

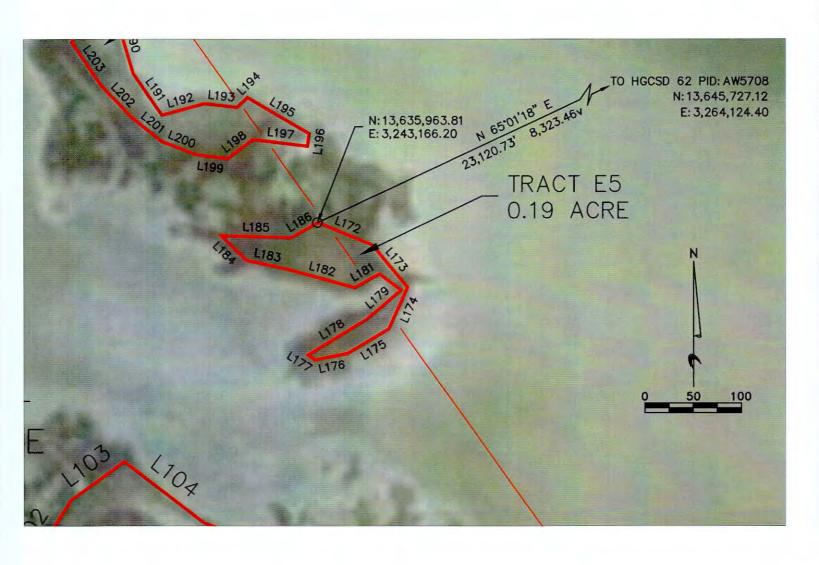
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LINE	BEARING	DISTANCE	DISTANCE2
L153	S 42°21'43" E	100.55'	36.20v
L154	S 24'47'21" E	30.85	11.11v
L155	S 13'36'20" W	44.97'	16.19v
L156	S 18'44'22" W	90.23'	32.48v
L157	S 31°51'29" W	45.82'	16.50v
L158	N 47°24'21" W	31.38'	11.30v
L159	N 77'26'25" W	32.93'	11.85v
L160	N 33'42'13" W	87.77	31.60v
L161	N 07°48'15" W	65.70'	23.65v
L162	N 06'32'31" E	60.07'	21.63v
L163	N 63'38'18" W	49.79'	17.93v
L164	S 59'07'29" W	23.46'	8.45v
L165	N 82°29'52" W	42.74	15.39v
L166	N 15°25'00" W	17.80'	6.41v
L167	S 75'00'39" E	34.84'	12.54v
L168	N 55°52'11" E	66.80'	24.05v
L169	N 21°22'19" E	33.07'	11.91v
L170	S 67'58'04" E	63.76'	22.96v
L171	S 59'35'49" E	47.34'	17.04v

#### TRACT E4 DETAIL

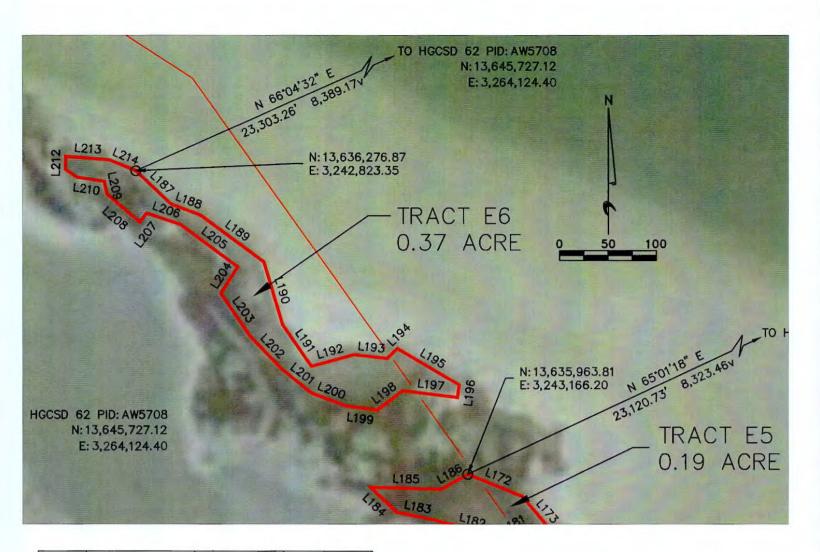
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LINE	BEARING	DISTANCE	DISTANCE2
L172	S 67'49'09" E	61.13'	22.01v
L173	S 39'51'15" E	57.32'	20.63v
L174	S 24°25'11" W	47.11	16.96v
L175	S 59'08'38" W	49.76'	17.91v
L176	S 79°23'20" W	34.65'	12.47v
L177	N 56°50'39" W	8.69'	3.13v
L178	N 58'47'07" E	70.87	25.51v
L179	N 49*56'37" E	47.25'	17.01v
L180	N 53*34'47" W	28.08'	10.11v
L181	S 61°03'36" W	29.41'	10.59v
L182	N 74°43'56" W	73.97	26.63v
L183	N 78'00'28" W	41.68'	15.00v
L184	N 45°40'00" W	36.95	13.30v
L185	S 8817'45" E	72.97	26.27v
L186	N 60°02'40" E	31.56'	11.36v

#### TRACT E5 DETAIL

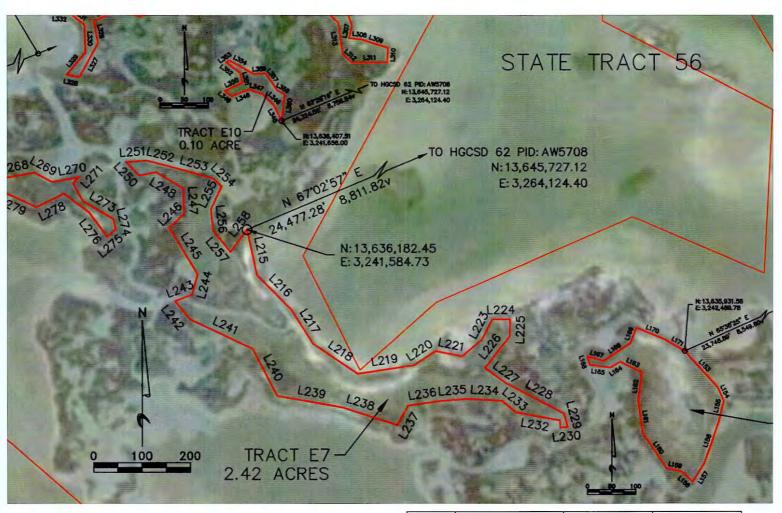
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LINE	BEARING	DISTANCE	DISTANCE2
L187	S 46°20'42" E	50.25'	18.09v
L188	S 69'36'05" E	32.16'	11.58v
L189	S 53'44'46" E	81.57	29.37v
L190	S 16'46'06" E	67.41	24.27v
L191	S 34°31'32" E	52.34'	18.84v
L192	N 74°40'29" E	45.55'	16.40v
L193	S 83°20'37" E	34.25'	12.33v
L194	N 46'20'43" E	14.88'	5.36v
L195	S 59'37'00" E	74.10'	26.68v
L196	S 07'37'35" W	13.13'	4.73v
L197	N 83°04'42" W	57.09'	20.55v
L198	S 52°54'05" W	33.01'	11.88v
L199	N 82°37'36" W	32.96'	11.87v
L200	N 69°09'11" W	37.99'	13.68v
L201	N 50°59'42" W	39.50'	14.22v
L202	N 43°58'08" W	46.25'	16.65v
L203	N 34°19'57" W	54.02'	19.45v
L204	N 32°42'35" E	32.28'	11.62v
L205	N 53'42'47" W	73.57	26.48v
L206	N 71°22'44" W	36.80'	13.25v
L207	S 37'33'01" W	11.65'	4.20v
L208	N 49'34'02" W	44.44'	16.00v
L209	N 12°21'24" W	13.69'	4.93v
L210	N 80°54'55" W	28.82'	10.37v
L211	N 55°03'19" W	14.21	5.12v
L212	N 00°32'11" E	13.03	4.69v
L213	S 85°30'17" E	45.55'	16.40v
L214	S 67*55'54" E	29.49'	10.62v

## TRACT E6 DETAIL

COASTAL BOUNDARY SURVEY OF THE LITTORAL BOUNDARY OF A 62 ACRE UPLAND TRACT IN THE HALL AND JONES SURVEY, A-121 ADJACENT TO ST 56, WEST GALV. BAY GALVESTON COUNTY, TEXAS

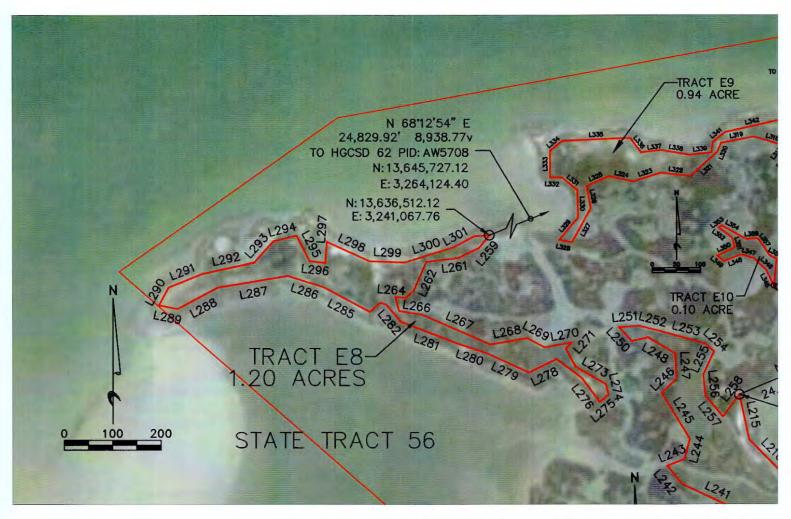


LINE	BEARING	DISTANCE	DISTANCE2
L215	S 12°27'03" E	95.19'	34.27v
L216	S 44'29'12" E	100.22'	36.08v
L217	S 32'43'42" E	84.87	30.55v
L218	S 56'07'19" E	111.32'	40.07v
L219	N 81°19'00" E	117.24	42.21v
L220	N 56'39'02" E	53.46'	19.25v
L221	S 78°46'24" E	56.14	20.21v
L222	N 49'32'37" E	53.99'	19.44v
L223	N 27°20'10" E	46.80'	16.85v
L224	N 89'18'33" E	36.49'	13.14v
L225	S 01'12'34" W	35.39	12.74v
L226	S 37°39'58" W	83.04'	29.89v
L227	S 54"13"07" E	53.31'	19.19v
L228	S 62*33'10" E	135.38'	48.74v
L229	S 15'15'46" E	28.96'	10.43v
L230	S 84'32'29" W	15.24'	5.49v
L231	N 03°54'02" W	14.96'	5.39v
L232	N 79'42'10" W	92.47	33.29v
L233	N 50°35'59" W	37.64	13.55v
L234	N 86°48'23" W	72.52'	26.11v
L235	S 85'28'41" W	57.46	20.68v
L236	S 81°26'27" W	65.31	23.51v
L237	S 29°05'12" W	45.66	16.44v
L238	N 72'11'28" W	118.30'	42.59v
L239	N 79'51'55" W	137.64	49.55v
L240	N 27'38'15" W	109.39'	39.38v
L241	N 64'50'31" W	144.08'	51.87v
L242	N 38'51'38" W	48.17	17.34v

L243	N 68'28'42" E	37.81	13.61v
L244	N 15'13'14" E	43.28'	15.58v
L245	N 31'36'24" W	111.73'	40.22v
L246	N 46°21'15" E	42.28'	15.22v
L247	N 02°25'28" W	52.65'	18.95v
L248	N 5918'36" W	65.50'	23.58v
L249	S 77*51'44" W	34.86'	12.55v
L250	N 42°43'20" W	38.77	13.96v
L251	N 85°51'32" E	41.68'	15.01v
L252	S 75°24'09" E	50.63'	18.23v
L253	S 74°35′53" E	92.10'	33.15v
L254	S 47*29'45" E	23.76'	8.55v
L255	S 24'47'08" W	52.31'	18.83v
L256	S 05*38'03" E	44.84'	16.14v
L257	S 39°29'44" E	56.10'	20.20v
L258	N 36°43'47" E	57.36'	20.65v

## TRACT E7 DETAIL

COASTAL BOUNDARY SURVEY OF THE LITTORAL BOUNDARY OF A 62 ACRE UPLAND TRACT IN THE HALL AND JONES SURVEY, A-121 ADJACENT TO ST 56, WEST GALV. BAY GALVESTON COUNTY, TEXAS

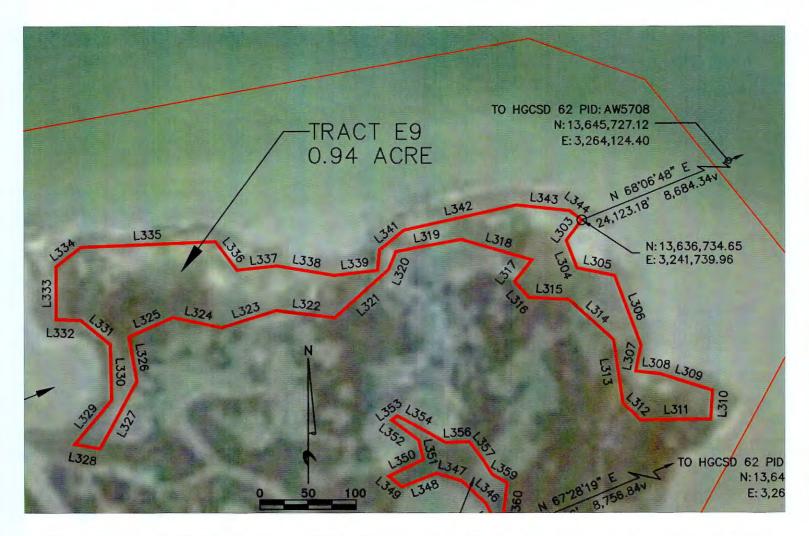


LINE	BEARING	DISTANCE	DISTANCE2
L259	S 38*52'15" W	33.69'	12.13v
L260	S 64°00'42" W	47.95'	17.26v
L261	S 82°51'14" W	66.96'	24.11v
L262	S 23'48'48" W	61.52'	22.15v
L263	S 42'59'29" W	24.39'	8.78v
L264	N 85°38'13" W	22.87	8.23v
L265	S 15'27'16" E	29.98'	10.79v
L266	S 81"11'33" E	47.61	17.14v
L267	S 66°38'54" E	154.50'	55.62v
L268	N 80°08'53" E	77.09'	27.75v
L269	S 62"11'41" E	41.03'	14.77v
L270	N 79°56'28" E	56.45'	20.32v
L271	S 42°43'02" W	17.50'	6.30v
L272	S 281210" E	42.19'	15.19v
L273	S 59*52'11" E	72.89'	26.24v
L274	S 13'00'56" E	22.01'	7.92v
L275	S 49°24'01" W	23.51'	8.46v
L276	N 36'39'02" W	62.72'	22.58v
L277	N 53°01'24" W	64.87	23.35v
L278	S 63'57'50" W	63.81'	22.97v
L279	N 65°12'05" W	94.96'	34.19v
L280	N 71°44'55" W	64.02'	23.05v
L281	N 69°05'14" W	126.27	45.46v
L282	N 40°49'17" W	46.62'	16.78v
L283	N 73'35'08" W	12.92'	4.65v
L284	S 48*48'06" W	28.53'	10.27v
L285	N 61°50'36" W	106.40'	38.31v
L286	N 72°25'33" W	79.12'	28.48v
L287	S 80°33'39" W	146.83'	52.86v

L288	S 62'09'38" W	94.71'	34.10v
L289	N 78'35'43" W	39.09'	14.07v
L290	N 28°36'04" E	41.56'	14.96v
L291	N 68'04'55" E	76.11'	27.40v
L292	N 77°48'58" E	109.12'	39.28v
L293	N 42'03'14" E	59.47'	21.41v
L294	N 76°14'54" E	49.09'	17.67v
L295	S 27'19'08" E	59.48'	21.41v
L296	S 83'46'58" E	32.50'	11.70v
L297	N 04'06'22" E	43.92'	15.81v
L298	S 65'32'20" E	97.01'	34.92v
L299	S 87'46'06" E	73.19'	26.35v
L300	N 72°34'38" E	105.67'	38.04v
L301	N 62'10'40" E	48.57'	17.49v
L302	N 85'36'38" E	31.49'	11.34v

## TRACT E8 DETAIL

COASTAL BOUNDARY SURVEY OF THE LITTORAL BOUNDARY OF A 62 ACRE UPLAND TRACT IN THE HALL AND JONES SURVEY, A-121 ADJACENT TO ST 56, WEST GALV. BAY GALVESTON COUNTY, TEXAS

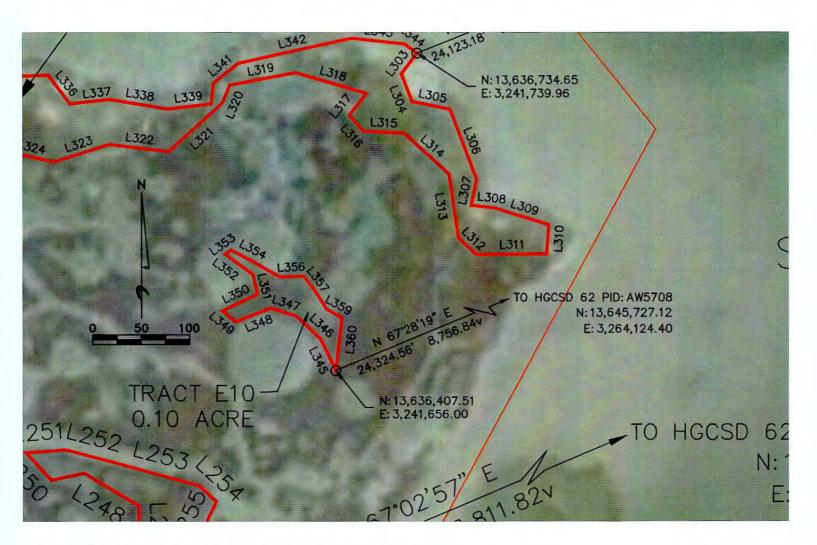


LINE	BEARING	DISTANCE	DISTANCE2
L303	S 37'14'30" W	26.50'	9.54v
L304	S 21"19'54" E	30.46'	10.96v
L305	S 78'24'35" E	39.92'	14.37v
L306	S 20'46'47" E	77.54'	27.92v
L307	S 11°51'58" W	27.27'	9.82v
L308	S 83°22'06" E	25.11	9.04v
L309	S 72'40'02" E	57.67	20.76v
L310	S 03'41'53" W	29.92'	10. <b>7</b> 7v
L311	S 89'31'43" W	72.92'	26.25v
L312	N 46°56'02" W	25.14'	9.05v
L313	N 08'24'21" W	66.38'	23.90v
L314	N 47'47'45" W	62.54	22.51v
L315	N 87'00'38" W	42.18'	15.19v
L316	N 40°59'08" W	21.94'	7.90v
L317	N 3813'13" E	28.60'	10.30v
L318	N 73'57'08" W	76.54	27.56v
L319	S 79°23'59" W	68.87	24.79v
L320	S 22'33'11" W	19.89'	7.16v
L321	S 48'01'39" W	75.24	27.09v
L322	N 83°01'23" W	61.58'	22.17v
L323	S 72'30'43" W	59.70'	21.49v
L324	N 78'06'05" W	51.80'	18.65v
L325	S 66'09'15" W	49.82'	17.93v
L326	S 10°08'58" E	46.53'	16.75v
L327	S 28'45'41" W	80.12'	28.84v
L328	N 79*50'27" W	26.65'	9.59v
L329	N 39*54'20" E	60.10'	21.63v
L330	N 01°28'32" W	57.32'	20.63v
L331	N 50°42'33" W	39.62'	14.26v

L332	N 8810'55" W	25.53'	9.19v
L333	N 00°07'14" E	55.16'	19.86v
L334	N 52°24'47" E	32.44'	11.68v
L335	N 87°31'30" E	140.10'	50.44v
L336	S 37'25'24" E	37.10'	13.35v
L337	N 83'50'25" E	41.38'	14.90v
L338	S 80°33'56" E	60.70'	21.85v
L339	N 83°22'40" E	45.35'	16.33v
L340	N 05'45'13" E	21.25'	7.65v
L341	N 51'20'27" E	32.67	11.76v
L342	N 77'29'49" E	120.00'	43.20v
L343	S 83°50'40" E	55.30'	19.91v
L344	S 52°57'43" E	15.87'	5.71v

## TRACT E9 DETAIL

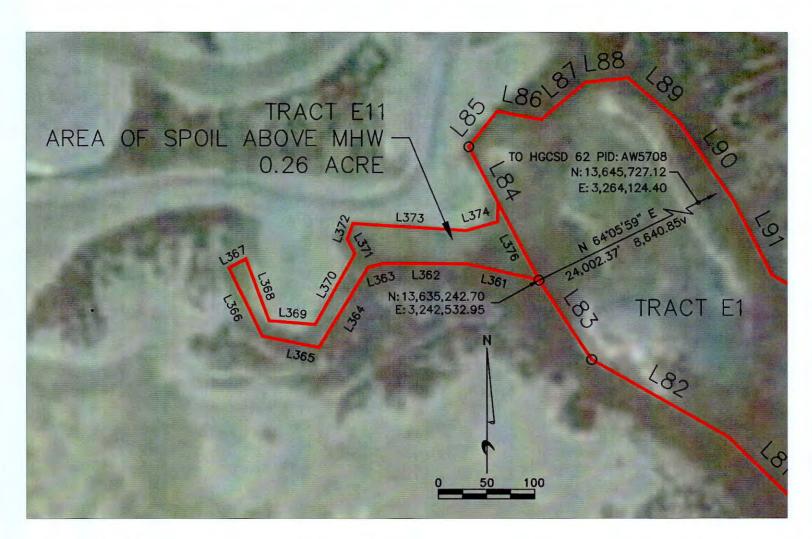
COASTAL BOUNDARY SURVEY OF THE LITTORAL BOUNDARY OF A 62 ACRE UPLAND TRACT IN THE HALL AND JONES SURVEY, A-121 ADJACENT TO ST 56, WEST GALV. BAY GALVESTON COUNTY, TEXAS



LINE	BEARING	DISTANCE	DISTANCE2
L345	N 25'45'55" W	35.91'	12.93v
L346	N 46°27'39" W	34.42'	12.39v
L347	N 72°58'45" W	28.05'	10.10v
L348	S 68'51'50" W	38.80'	13.97v
L349	N 50°32'01" W	17.53'	6.31v
L350	N 64°27'07" E	40.16'	14.46v
L351	N 13'33'11" W	20.99'	7.56v
L352	N 53'38'19" W	35.34'	12.72v
L353	N 55°00'56" E	7.46'	2.69v
L354	S 61°52'16" E	25.73'	9.26v
L355	S 60°22'34" E	32.21'	11.59v
L356	N 87'08'39" E	24.29'	8.74v
L357	S 36'31'07" E	24.08'	8.67v
L358	S 31'51'59" E	17.58'	6.33v
L359	S 60'45'00" E	18.09'	6.51v
L360	S 06'30'55" W	54.76'	19.71v

#### TRACT E10 DETAIL

COASTAL BOUNDARY SURVEY OF THE LITTORAL BOUNDARY OF A 62 ACRE UPLAND TRACT IN THE HALL AND JONES SURVEY, A-121 ADJACENT TO ST 56, WEST GALV. BAY GALVESTON COUNTY, TEXAS



LINE	BEARING	DISTANCE	DISTANCE2
L361	N 77'16'59" W	76.22'	27.44v
L362	N 89°40'50" W	87.39'	31.46v
L363	S 75°23'12" W	16.43'	5.92v
L364	S 31*47'37" W	97.54	35.11v
L365	N 78*46'32" W	59.58'	21.45v
L366	N 26'10'07" W	79.05'	28.46v
L367	N 62°26'01" E	19.87'	7.15v
L368	S 20°39'35" E	68.32'	24.60v
L369	S 85°11'42" E	47.95'	17.26v
L370	N 29°26'58" E	84.43'	30.40v
L371	N 28'47'57" W	16.76'	6.03v
L372	N 19'58'14" E	17.33'	6.24v
L373	S 86°28'54" E	117.95'	42.46v
L374	N 74°28'51" E	33.83'	12.18v
L375	N 02°20'01" E	19.96'	7.18v
L376	S 27'48'41" E	90.75'	32.67v

## TRACT E11 DETAIL

COASTAL BOUNDARY SURVEY OF
THE LITTORAL BOUNDARY OF A

0.26 ACRE TRACT OF LAND LYING ABOVE THE
MEAN HIGH WATER LINE
IN STATE TRACT 56, WEST GALV. BAY
GALVESTON COUNTY, TEXAS

The following are Field Notes for TRACTS E1 through E10, the littoral boundary of a 62 acre (called 245.5 acre) tract, being all of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas.

And TRACT E11, the littoral boundary of a 0.26 acre tract lying above the MHW (Mean High Water) line, being part of STATE TRACT 56, in West Galveston Bay, Galveston County, Texas.

**TRACT E1 - Field Notes** for the littoral boundary of a 53.8 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

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Beginning at a point, N= 13,632,792.86, E= 3,243,965.41, on the MHW (Mean High
Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62"
bears N 57°18'55" E a distance of 23,951.62' (8,622.58v);
thence S 40°35'21" W a distance of 10.90' (3.92v);
thence N 78°49'04" W a distance of 217.86' (78.43v);
thence S 81°38'06" W a distance of 42.61' (15.34v);
thence N 84°25'33" W a distance of 123.68' (44.52v);
thence N 71°42'10" W a distance of 103.84' (37.38v);
thence N 88°01'14" W a distance of 46.01' (16.56v);
thence S 75°49'04" W a distance of 95.02' (34.21v);
thence N 88°59'06" W a distance of 85.49' (30.78v);
thence N 81°18'25" W a distance of 254.91' (91.77v);
thence N 78°36'57" W a distance of 238.50' (85.86v);
thence N 67°56'52" W a distance of 102.10' (36.75v);
thence N 33°29'00" E a distance of 44.67' (16.08v);
thence N 76°15'12" E a distance of 45.42' (16.35v);
thence S 83°18'46" E a distance of 93.41' (33.63v);
thence S 79°44'08" E a distance of 312.73' (112.58v);
thence S 70°24'12" E a distance of 103.53' (37.27v);
thence N 87°34'18" E a distance of 46.69' (16.81v);
thence N 37°04'13" E a distance of 85.30' (30.71v);
thence N 71°04'47" E a distance of 55.51' (19.98v);
thence S 89°56'47" E a distance of 49.64' (17.87v);
thence N 78°32'15" E a distance of 107.93' (38.85v);
thence S 77°59'10" E a distance of 73.42' (26.43v);
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thence N 89°45'56" E a distance of 123.53' (44.47v);
thence N 63°57'47" E a distance of 45.68' (16.44v);
thence N 64°47'33" W a distance of 113.39' (40.82v);
thence N 54°10'04" W a distance of 67.13' (24.17v);
thence N 67°54'00" W a distance of 162.23' (58.40v);
thence S 84°52'30" W a distance of 79.47' (28.61v);
thence N 70°21'54" W a distance of 104.55' (37.64v);
thence S 89°30'09" W a distance of 102.09' (36.75v);
thence N 70°40'20" W a distance of 202.30' (72.83v);
thence N 64°02'44" W a distance of 73.39' (26.42v);
thence N 21°05'42" W a distance of 58.76' (21.15v);
thence N 83°41'56" W a distance of 85.40' (30.74v);
thence N 62°36'07" W a distance of 40.37' (14.53v);
thence N 10°06'17" W a distance of 75.38' (27.14v);
thence N 49°24'38" W a distance of 71.14' (25.61v);
thence N 07°34'53" W a distance of 88.09' (31.71v);
thence N 39°38'40" W a distance of 129.71' (46.70v);
thence N 06°44'49" E a distance of 44.58' (16.05v);
thence N 42°38'01" E a distance of 35.77' (12.88v);
thence N 80°15'51" E a distance of 25.35' (9.13v);
thence S 70°10'09" E a distance of 98.31' (35.39v);
thence S 51°55'11" E a distance of 79.56' (28.64v);
thence S 74°56'20" E a distance of 78.35' (28.21v);
thence N 52°16'16" E a distance of 97.74' (35.19v);
thence S 75°03'31" E a distance of 85.06' (30.62v);
thence N 24°30'38" E a distance of 24.49' (8.81v);
thence N 13°37'30" W a distance of 57.27' (20.62v);
thence N 84°44'51" E a distance of 52.76' (18.99v);
thence S 89°51'08" E a distance of 58.16' (20.94v);
thence S 77°56'13" E a distance of 139.29' (50.14v);
thence S 55°04'06" E a distance of 152.48' (54.89v);
thence N 47°59'11" E a distance of 73.44' (26.44v);
thence N 69°18'27" W a distance of 66.76' (24.03v);
thence N 50°49'02" W a distance of 169.60' (61.05v);
thence N 36°09'35" W a distance of 154.76' (55.71v);
thence N 54°16'32" W a distance of 80.37' (28.93v);
thence N 78°02'16" W a distance of 150.56' (54.20v);
thence N 79°40'47" W a distance of 150.73' (54.26v);
thence N 53°38'58" W a distance of 167.85' (60.42v);
thence N 37°09'47" W a distance of 133.84' (48.18v);
thence N 47°28'08" W a distance of 172.25' (62.01v);
thence N 48°36'36" W a distance of 81.23' (29.24v);
thence N 36°21'07" W a distance of 127.63' (45.95v);
thence N 17°01'57" W a distance of 135.97' (48.95v);
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thence N 51°22'55" E a distance of 20.10' (7.24v);
thence S 59°44'45" E a distance of 79.68' (28.69v):
thence S 37°16'04" E a distance of 62.74' (22.59v);
thence S 86°28'22" E a distance of 15.63' (5.63v);
thence N 10°09'21" E a distance of 55.05' (19.82v);
thence S 61°09'48" E a distance of 108.81' (39.17v);
thence S 78°31'21" E a distance of 329.61' (118.66v);
thence S 62°50'58" E a distance of 38.01' (13.68v);
thence S 82°32'36" E a distance of 210.67' (75.84v);
thence N 25°40'16" E a distance of 83.01' (29.88v);
thence N 33°30'01" W a distance of 105.83' (38.10v):
thence N 25°12'48" W a distance of 147.42' (53.07v);
thence N 48°20'41" W a distance of 255.28' (91.90v);
thence N 61°41'50" W a distance of 79.08' (28.47v);
thence N 45°54'51" W a distance of 103.77' (37.36v);
thence N 60°24'54" W a distance of 163.09' (58.71v);
thence N 33°38'16" W a distance of 98.99' (35.64v);
thence leaving the MHW line, N 27°48'41" W a distance of 90.75 along the east line of
TRACT E11, as described in this survey, then continuing with the MHW line a total
distance of 156.51' (56.34v);
thence N 39°03'14" E a distance of 46.91' (16.89v);
thence S 79°25'08" E a distance of 46.57' (16.77v);
thence N 49°58'28" E a distance of 59.58' (21.45v);
thence N 83°58'15" E a distance of 44.90' (16.16v);
thence S 49°34'51" E a distance of 67.84' (24.42v);
thence S 35°03'51" E a distance of 100.17' (36.06v);
thence S 27°21'25" E a distance of 88.19' (31.75v);
thence S 60°25'05" E a distance of 107.24' (38.61v);
thence S 25°42'47" E a distance of 46.86' (16.87v);
thence S 57°37'36" E a distance of 37.24' (13.41v):
thence N 74°10'53" E a distance of 30.87' (11.11v);
thence N 04°15'33" W a distance of 74.63' (26.87v);
thence N 15°10'52" W a distance of 167.09' (60.15v);
thence N 06°50'59" E a distance of 41.30' (14.87v);
thence N 39°05'12" W a distance of 56.90' (20.49v);
thence N 04°23'43" E a distance of 75.90' (27.33v);
thence N 23°22'57" W a distance of 54.50' (19.62v);
thence N 32°25'47" E a distance of 104.29' (37.54v);
thence N 53°56'49" E a distance of 68.56' (24.68v);
thence S 52°27'55" E a distance of 104.13' (37.49v);
thence S 68°22'34" E a distance of 259.41' (93.39v);
thence S 57°24'24" E a distance of 179.01' (64.44v);
thence S 14°43'43" E a distance of 52.88' (19.04v);
thence S 66°12'47" E a distance of 29.35' (10.57v);
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thence S 10°35'24" W a distance of 38.30' (13.79v);
thence S 20°00'13" E a distance of 37.11' (13.36v);
thence S 64°20'07" E a distance of 35.15' (12.65v);
thence N 72°33'50" E a distance of 38.51' (13.86v);
thence S 55°50'38" E a distance of 27.67' (9.96v);
to the end point, N=13,635,305.80, E= 3,243,577.13, from which "HGCSD 62" bears
N 63°06'23" E a distance of 23,038.97' (8,294.03v).
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**TRACT E2 - Field Notes** for the littoral boundary of a 0.12 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

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Beginning at a point, N= 13,633,113.62, E= 3,242,174.33, on the MHW (Mean High Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62" bears N 60°06'59" E a distance of 25,316.12' (9,113.80v); thence S 70°17'51" E a distance of 70.54' (25.39v); thence S 47°57'23" E a distance of 36.69' (13.21v); thence S 27°29'03" E a distance of 20.02' (7.21v); thence S 63°13'30" W a distance of 30.01' (10.80v); thence N 76°05'07" W a distance of 46.87' (16.87v); thence N 61°27'11" W a distance of 37.16' (13.38v); thence N 20°49'44" W a distance of 30.19' (10.87v); thence N 01°39'04" E a distance of 14.72' (5.30v); thence N 58°09'35" E a distance of 14.54' (5.23v); to the point of beginning of tract E2, having an area of 0.12 acres of land more or less.
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**TRACT E3 - Field Notes** for the littoral boundary of a 1.94 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

Beginning at a point , N= 13,634,014.46 , E= 3,241,624.97 , on the MHW (Mean High Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62" bears N 62°29'59" E a distance of 25,365.54' (9,131.59v); thence S 53°51'08" E a distance of 147.13' (52.94v);

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thence S 52°05'20" E a distance of 34.57' (12.44v);
thence S 66°52'01" E a distance of 40.68' (14.64v);
thence S 89°44'08" E a distance of 75.80' (27.29v);
thence S 70°16'38" E a distance of 23.47' (8.45v);
thence S 86°34'39" E a distance of 76.89' (27.68v);
thence S 78°33'31" E a distance of 61.35' (22.09v);
thence S 69°45'01" E a distance of 80.90' (29.12v);
thence S 58°26'40" E a distance of 75.42' (27.15v);
thence S 45°36'21" E a distance of 59.99' (21.60v);
thence S 35°56'05" E a distance of 75.08' (27.03v);
thence S 12°42'02" E a distance of 51.27' (18.46v);
thence S 52°53'52" W a distance of 29.21' (10.52v);
thence N 77°29'41" W a distance of 77.13' (27.77v);
thence N 52°34'02" W a distance of 25.47' (9.17v);
thence N 76°51'31" W a distance of 87.00' (31.32v);
thence N 84°30'57" W a distance of 60.58' (21.81v);
thence N 66°40'53" W a distance of 98.65' (35.51v);
thence N 37°55'32" W a distance of 75.67' (27.24v);
thence N 43°59'00" W a distance of 79.06' (28.46v);
thence N 67°22'12" W a distance of 36.93' (13.29v);
thence S 75°15'52" W a distance of 36.84' (13.26v);
thence N 83°50'54" W a distance of 61.12' (22.00v);
thence N 48°02'51" W a distance of 110.74' (39.87v);
thence N 79°05'54" W a distance of 48.06' (17.30v);
thence N 53°15'56" W a distance of 25.30' (9.11v);
thence N 53°00'45" E a distance of 42.02' (15.13v);
thence S 88°38'11" E a distance of 14.29' (5.14v);
thence N 23°18'30" E a distance of 41.49' (14.93v);
thence N 86°48'43" E a distance of 15.28' (5.50v);
to the point of beginning of Tract E3, having an area of 1.94 acres more or less.
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**TRACT E4 - Field Notes** for the littoral boundary of a 0.91 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

Beginning at a point , N= 13,635,931.56 , E= 3,242,489.78 , on the MHW (Mean High Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62" bears N  $65^{\circ}38'25$ " E a distance of 23,748.89' (8,549.60v); thence S  $42^{\circ}21'43$ " E a distance of 100.55' (36.20v);

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thence S 24°47'21" E a distance of 30.85' (11.11v);
thence S 13°36'20" W a distance of 44.97' (16.19v);
thence S 18°44'22" W a distance of 90.23' (32.48v);
thence S 31°51'29" W a distance of 45.82' (16.50v);
thence N 47°24'21" W a distance of 31.38' (11.30v);
thence N 77°26'25" W a distance of 32.93' (11.85v);
thence N 33°42'13" W a distance of 87.77' (31.60v);
thence N 07°48'15" W a distance of 65.70' (23.65v);
thence N 06°32'31" E a distance of 60.07' (21.63v);
thence N 63°38'18" W a distance of 49.79' (17.93v);
thence S 59°07'29" W a distance of 23.46' (8.45v);
thence N 82°29'52" W a distance of 42.74' (15.39v);
thence N 15°25'00" W a distance of 17.80' (6.41v);
thence S 75°00'39" E a distance of 34.84' (12.54v);
thence N 55°52'11" E a distance of 66.80' (24.05v);
thence N 21°22'19" E a distance of 33.07' (11.91v);
thence S 67°58'04" E a distance of 63.76' (22.96v);
thence S 59°35'49" E a distance of 47.34' (17.04v);
to the point of beginning of Tract E4, having an area of 0.91 acres more or less.
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**TRACT E5 - Field Notes** for the littoral boundary of a 0.19 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

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Beginning at a point , N= 13,635,963.81 , E= 3,243,166.20, on the MHW (Mean High Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62" bears N 65°01'18" E a distance of 23,120.73' (8,323.46v); thence S 67°49'09" E a distance of 61.13' (22.01v); thence S 39°51'15" E a distance of 57.32' (20.63v); thence S 24°25'11" W a distance of 47.11' (16.96v); thence S 59°08'38" W a distance of 49.76' (17.91v); thence S 79°23'20" W a distance of 34.65' (12.47v); thence N 56°50'39" W a distance of 8.69' (3.13v); thence N 58°47'07" E a distance of 70.87' (25.51v); thence N 49°56'37" E a distance of 47.25' (17.01v); thence N 53°34'47" W a distance of 28.08' (10.11v); thence S 61°03'36" W a distance of 29.41' (10.59v); thence N 74°43'56" W a distance of 73.97' (26.63v); thence N 78°00'28" W a distance of 41.68' (15.00v);
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thence N 45°40'00" W a distance of 36.95' (13.30v);
thence S 88°17'45" E a distance of 72.97' (26.27v);
thence N 60°02'40" E a distance of 31.56' (11.36v);
to the point of beginning of Tract E5, having an area of 0.19 acres more or less.
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**TRACT E6 - Field Notes** for the littoral boundary of a 0.37 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

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Beginning at a point, N= 13,636,276.87, E= 3,242,823.35, on the MHW (Mean High
Water) line on the northwest shoreline of West Galveston Bay: from which "HGCSD 62"
bears N 66°04'32" E a distance of 23,303,26' (8,389.17v);
thence $ 46°20'42" E a distance of 50.25' (18.09v);
thence S 69°36'05" E a distance of 32.16' (11.58v);
thence $ 53°44'46" E a distance of 81.57' (29.37v);
thence S 16°46'06" E a distance of 67.41' (24.27v);
thence S 34°31'32" E a distance of 52.34' (18.84v);
thence N 74°40'29" E a distance of 45.55' (16.40v);
thence S 83°20'37" E a distance of 34.25' (12.33v);
thence N 46°20'43" E a distance of 14.88' (5.36v);
thence S 59°37'00" E a distance of 74.10' (26.68v);
thence S 07°37'35" W a distance of 13.13' (4.73v);
thence N 83°04'42" W a distance of 57.09' (20.55v);
thence S 52°S4'05" W a distance of 33.01' (11.88v);
thence N 82°37'36" W a distance of 32.96' (11.87v):
thence N 69°09'11" W a distance of 37.99' (13.68v);
thence N 50°59'42" W a distance of 39.50' (14.22v);
thence N 43°58'08" W a distance of 46.25' (16.65v);
thence N 34°19'57" W a distance of 54.02' (19.45v);
thence N 32°42'35" E a distance of 32.28' (11.62v);
thence N 53°42'47" W a distance of 73.57' (26.48v);
thence N 71°22'44" W a distance of 36.80' (13.25v);
thence S 37°33'01" W a distance of 11.65' (4.20v);
thence N 49°34'02" W a distance of 44.44' (16.00v);
thence N 12°21'24" W a distance of 13.69' (4.93v);
thence N 80°54'55" W a distance of 28.82' (10.37v);
thence N 55°03'19" W a distance of 14.21' (5.12v);
thence N 00°32'11" E a distance of 13.03' (4.69v);
thence S 85°30'17" E a distance of 45.55' (16.40v);
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thence S 67°55'54" E a distance of 29.49' (10.62v); to the **point of beginning of Tract E6**, having an area of 0.37 acres more or less.

**TRACT E7 - Field Notes** for the littoral boundary of a 2.42 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

Beginning at a point, N= 13,636,182.45, E= 3,241,584.73, on the MHW (Mean High Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62" bears N 67°02'57" E a distance of 24,477.28' (8,811.82v); thence S 12°27'03" E a distance of 95.19' (34.27v): thence S 44°29'12" E a distance of 100.22' (36.08v); thence S 32°43'42" E a distance of 84.87' (30.55v); thence S 56°07'19" E a distance of 111.32' (40.07v); thence N 81°19'00" E a distance of 117.24' (42.21v); thence N 56°39'02" E a distance of 53.46' (19.25v); thence S 78°46'24" E a distance of 56.14' (20.21v); thence N 49°32'37" E a distance of 53.99' (19.44v); thence N 27°20'10" E a distance of 46.80' (16.85v); thence N 89°18'33" E a distance of 36.49' (13.14v); thence S 01°12'34" W a distance of 35.39' (12.74v); thence S 37°39'58" W a distance of 83.04' (29.89v); thence S 54°13'07" E a distance of 53.31' (19.19v); thence S 62°33'10" E a distance of 135.38' (48.74v); thence S 15°15'46" E a distance of 28.96' (10.43v): thence S 84°32'29" W a distance of 15.24' (5.49v); thence N 03°54'02" W a distance of 14.96' (5.39v); thence N 79°42'10" W a distance of 92.47' (33.29v); thence N 50°35'59" W a distance of 37.64' (13.55v); thence N 86°48'23" W a distance of 72.52' (26.11v); thence S 85°28'41" W a distance of 57.46' (20.68v); thence S 81°26'27" W a distance of 65.31' (23.51v); thence S 29°05'12" W a distance of 45.66' (16.44v); thence N 72°11'28" W a distance of 118.30' (42.59v); thence N 79°51'55" W a distance of 137.64' (49.55v); thence N 27°38'15" W a distance of 109.39' (39.38v); thence N 64°50'31" W a distance of 144.08' (51.87v); thence N 38°51'38" W a distance of 48.17' (17.34v); thence N 68°28'42" E a distance of 37.81' (13.61v);

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thence N 15°13'14" E a distance of 43.28' (15.58v);
thence N 31°36'24" W a distance of 111.73' (40.22v);
thence N 46°21'15" E a distance of 42.28' (15.22v);
thence N 02°25'28" W a distance of 52.65' (18.95v);
thence N 59°18'36" W a distance of 65.50' (23.58v);
thence S 77°51'44" W a distance of 34.86' (12.55v);
thence N 42°43'20" W a distance of 38.77' (13.96v);
thence N 85°51'32" E a distance of 41.68' (15.01v);
thence S 75°24'09" E a distance of 50.63' (18.23v);
thence S 74°35'53" E a distance of 92.10' (33.15v);
thence S 47°29'45" E a distance of 23.76' (8.55v);
thence S 24°47'08" W a distance of 52.31' (18.83v);
thence S 05°38'03" E a distance of 44.84' (16.14v);
thence S 39°29'44" E a distance of 56.10' (20.20v);
thence N 36°43'47" E a distance of 57.36' (20.65v);
to the point of beginning of Tract E7, having an area of 2.42 acres more or less.
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**TRACT E8 - Field Notes** for the littoral boundary of a 1.20 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

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Beginning at a point, N= 13,636,512.12, E= 3,241,067.76, on the MHW (Mean High
Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62"
bears N 68°12'54" E a distance of 24,829.92' (8,938.77v);
thence S 38°52'15" W a distance of 33.69' (12.13v);
thence S 64°00'42" W a distance of 47.95' (17.26v);
thence S 82°51'14" W a distance of 66.96' (24.11v);
thence S 23°48'48" W a distance of 61.52' (22.15v);
thence S 42°59'29" W a distance of 24.39' (8.78v);
thence N 85°38'13" W a distance of 22.87' (8.23v);
thence S 15°27'16" E a distance of 29.98' (10.79v);
thence S 81°11'33" E a distance of 47.61' (17.14v);
thence S 66°38'54" E a distance of 154.50' (55.62v);
thence N 80°08'53" E a distance of 77.09' (27.75v);
thence S 62°11'41" E a distance of 41.03' (14.77v);
thence N 79°56'28" E a distance of 56.45' (20.32v);
thence S 42°43'02" W a distance of 17.50' (6.30v);
thence S 28°12'10" E a distance of 42.19' (15.19v);
thence S 59°52'11" E a distance of 72.89' (26.24v);
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thence S 13°00'56" E a distance of 22.01' (7.92v);
thence S 49°24'01" W a distance of 23.51' (8.46v);
thence N 36°39'02" W a distance of 62.72' (22.58v);
thence N 53°01'24" W a distance of 64.87' (23.35v);
thence S 63°57'50" W a distance of 63.81' (22.97v);
thence N 65°12'05" W a distance of 94.96' (34.19v);
thence N 71°44'55" W a distance of 64.02' (23.05v);
thence N 69°05'14" W a distance of 126.27' (45.46v);
thence N 40°49'17" W a distance of 46.62' (16.78v);
thence N 73°35'08" W a distance of 12.92' (4.65v);
thence S 48°48'06" W a distance of 28.53' (10.27v);
thence N 61°50'36" W a distance of 106.40' (38.31v);
thence N 72°25'33" W a distance of 79.12' (28.48v);
thence S 80°33'39" W a distance of 146.83' (52.86v);
thence S 62°09'38" W a distance of 94.71' (34.10v);
thence N 78°35'43" W a distance of 39.09' (14.07v);
thence N 28°36'04" E a distance of 41.56' (14.96v);
thence N 68°04'55" E a distance of 76.11' (27.40v);
thence N 77°48'58" E a distance of 109.12' (39.28v);
thence N 42°03'14" E a distance of 59.47' (21.41v);
thence N 76°14'54" E a distance of 49.09' (17.67v);
thence S 27°19'08" E a distance of 59.48' (21.41v);
thence S 83°46'58" E a distance of 32.50' (11.70v);
thence N 04°06'22" E a distance of 43.92' (15.81v);
thence S 65°32'20" E a distance of 97.01' (34.92v);
thence S 87°46'06" E a distance of 73.19' (26.35v);
thence N 72°34'38" E a distance of 105.67' (38.04v);
thence N 62°10'40" E a distance of 48.57' (17.49v);
thence N 85°36'38" E a distance of 31.49' (11.34v);
to the point of beginning of Tract E8, having an area of 1.20 acres more or less.
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**TRACT E9 - Field Notes** for the littoral boundary of a 0.94 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

Beginning at a point , N= 13,636,734.65, E= 3,241,739.96, on the MHW (Mean High Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62" bears N  $68^{\circ}06'48$ " E a distance of 24,123.18' (8,684.34v); thence S  $37^{\circ}14'30$ " W a distance of 26.50' (9.54v);

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thence S 21°19'54" E a distance of 30.46' (10.96v);
thence S 78°24'35" E a distance of 39.92' (14.37v);
thence S 20°46'47" E a distance of 77.54' (27.92v);
thence S 11°51'58" W a distance of 27.27' (9.82v);
thence S 83°22'06" E a distance of 25.11' (9.04v);
thence S 72°40'02" E a distance of 57.67' (20.76v);
thence S 03°41'53" W a distance of 29.92' (10.77v);
thence S 89°31'43" W a distance of 72.92' (26.25v);
thence N 46°56'02" W a distance of 25.14' (9.05v);
thence N 08°24'21" W a distance of 66.38' (23.90v);
thence N 47°47'45" W a distance of 62.54' (22.51v);
thence N 87°00'38" W a distance of 42.18' (15.19v);
thence N 40°59'08" W a distance of 21.94' (7.90v);
thence N 38°13'13" E a distance of 28.60' (10.30v);
thence N 73°57'08" W a distance of 76.54' (27.56v);
thence S 79°23'59" W a distance of 68.87' (24.79v):
thence S 22°33'11" W a distance of 19.89' (7.16v);
thence S 48°01'39" W a distance of 75.24' (27.09v);
thence N 83°01'23" W a distance of 61.58' (22.17v);
thence S 72°30'43" W a distance of 59.70' (21.49v);
thence N 78°06'05" W a distance of 51.80' (18.65v);
thence S 66°09'15" W a distance of 49.82' (17.93v);
thence S 10°08'58" E a distance of 46.53' (16.75v);
thence S 28°45'41" W a distance of 80.12' (28.84v);
thence N 79°50'27" W a distance of 26.65' (9.59v);
thence N 39°54'20" E a distance of 60.10' (21.63v);
thence N 01°28'32" W a distance of 57.32' (20.63v);
thence N 50°42'33" W a distance of 39.62' (14.26v);
thence N 88°10'55" W a distance of 25.53' (9.19v);
thence N 00°07'14" E a distance of 55.16' (19.86v);
thence N 52°24'47" E a distance of 32.44' (11.68v);
thence N 87°31'30" E a distance of 140.10' (50.44v);
thence S 37°25'24" E a distance of 37.10' (13.35v);
thence N 83°50'25" E a distance of 41.38' (14.90v);
thence S 80°33'56" E a distance of 60.70' (21.85v);
thence N 83°22'40" E a distance of 45.35' (16.33v);
thence N 05°45'13" E a distance of 21.25' (7.65v);
thence N 51°20'27" E a distance of 32.67' (11.76v);
thence N 77°29'49" E a distance of 120.00' (43.20v);
thence S 83°50'40" E a distance of 55.30' (19.91v);
thence S 52°57'43" E a distance of 15.87' (5.71v);
to the point of beginning of Tract E9, having an area of 0.94 acres more or less.
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**TRACT E10 - Field Notes** for the littoral boundary of a 0.10 acre tract, being part of Restricted Reserve E as shown on the plat of Indian Point Section 1 recorded in Volume 17, Page 1-6, Map Records, Galveston County, in the Hall & Jones Survey, A-121, surveyed by Trimble and Lindsey in 1837 and signed to Hall & Jones November 28, 1840, the effective date of the grant. The boundary is adjacent to State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

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Beginning at a point, N= 13,636,407.51, E= 3,241,656.00, on the MHW (Mean High
Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62"
bears N 67°28'19" E a distance of 24,324.56' (8,756.84v);
thence N 25°45'55" W a distance of 35.91' (12.93v);
thence N 46°27'39" W a distance of 34.42' (12.39v);
thence N 72°58'45" W a distance of 28.05' (10.10v);
thence S 68°51'50" W a distance of 38.80' (13.97v);
thence N 50°32'01" W a distance of 17.53' (6.31v);
thence N 64°27'07" E a distance of 40.16' (14.46v);
thence N 13°33'11" W a distance of 20.99' (7.56v);
thence N 53°38'19" W a distance of 35.34' (12.72v);
thence N 55°00'56" E a distance of 7.46' (2.69v);
thence S 61°52'16" E a distance of 25.73' (9.26v);
thence S 60°22'34" E a distance of 32.21' (11.59v);
thence N 87°08'39" E a distance of 24.29' (8.74v);
thence S 36°31'07" E a distance of 24.08' (8.67v);
thence S 31°51'59" E a distance of 17.58' (6.33v);
thence S 60°45'00" E a distance of 18.09' (6.51v);
thence S 06°30'55" W a distance of 54.76' (19.71v);
to the point of beginning of Tract E10, having an area of 0.10 acres more or less.
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**TRACT E11 - Field Notes** for the littoral boundary of a 0.26 acre tract lying above the MHW (Mean High Water) line, and being part State Tract 56 in West Galveston Bay, Galveston County, Texas. Distances, Bearings, and Coordinates are grid, North American Datum of 1983, Texas South Central Zone.

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Beginning at a point on the line of TRACT E1, as described in this survey, N= 13,635,242.70, E= 3,242,532.95, on the MHW (Mean High Water) line on the northwest shoreline of West Galveston Bay; from which "HGCSD 62" bears N 64°05'59" E a distance of 24,002.37' (8,640.85v); thence continuing along the MHW line, N 77°16'59" W a distance of 76.22' (27.44v); thence N 89°40'50" W a distance of 87.39' (31.46v); thence S 75°23'12" W a distance of 16.43' (5.92v); thence S 31°47'37" W a distance of 97.54' (35.11v); thence N 78°46'32" W a distance of 59.58' (21.45v);
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thence N 26°10'07" W a distance of 79.05' (28.46v);
thence N 62°26'01" E a distance of 19.87' (7.15v);
thence S 20°39'35" E a distance of 68.32' (24.60v);
thence S 85°11'42" E a distance of 47.95' (17.26v);
thence N 29°26'58" E a distance of 84.43' (30.40v);
thence N 28°47'57" W a distance of 16.76' (6.03v);
thence N 19°58'14" E a distance of 17.33' (6.24v);
thence S 86°28'54" E a distance of 117.95' (42.46v);
thence N 74°28'51" E a distance of 33.83' (12.18v);
thence N 02°20'01" E a distance of 19.96' (7.18v);
thence leaving the MHW line and along line 84 of TRACT E1, as described in this survey,
S 27°48'41" E a distance of 90.75' (32.67v);
to the point of beginning of Tract E11, having an area of 0.26 acres more or less.
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James M. Naismith, RPLS, LSLS

Naismith Marine Services, Inc.

Naismith Marine Services  Sea Floor Surveying  THE LITTORAL BOUNDARY SURVEY OF THE LITTORAL BOUNDARY SURVEY OF THE LITTORAL BOUNDARY OF THE LITTOR	
Filed for record in the County Surveyors Records the 18th day of Sep 2013 at 1:22 pm and duly recorded the same day and time in Book I PAGE 231.  Meh Todynake County Engmeer Custodian of County Surveyors Records	

Galveston Co. NR c & 33.136 Sketch 72