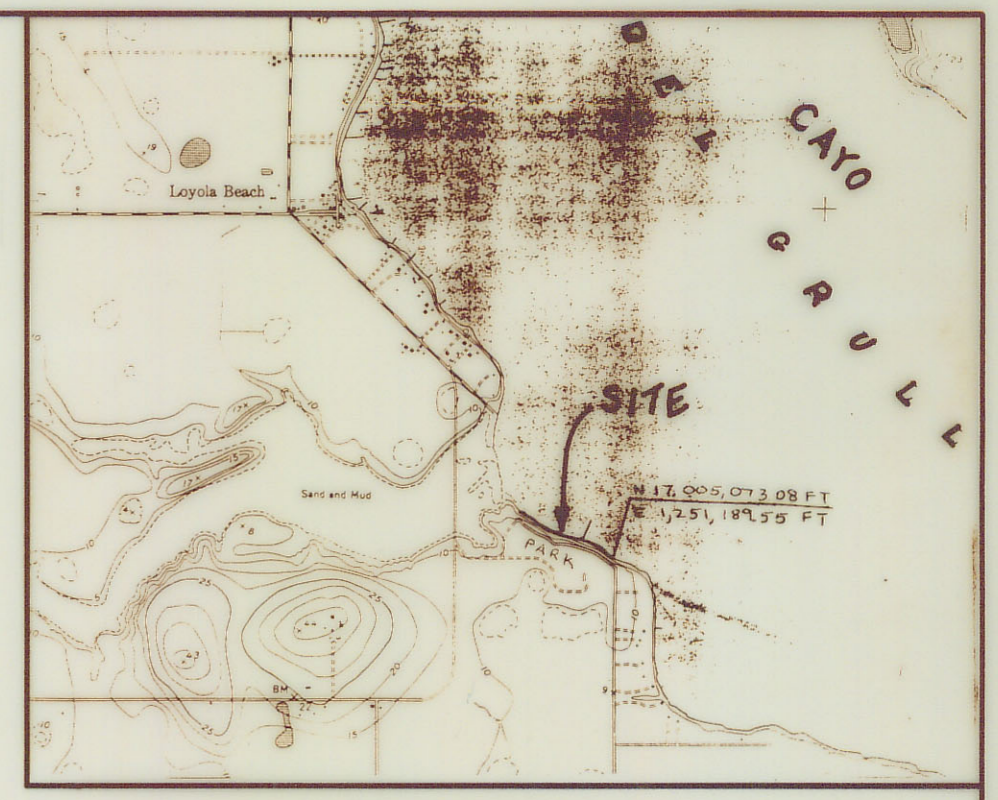


TRACT NO. 77  
 KLEBERG Co. ART. 33.136 SK. 1  
 File No. Plotted Sketch # County  
 Erosion Control Activity Plot  
 Contract Nos.: Engineering: 00-024; Construction: 00-120  
 Date Filed: May 19, 2000  
 By David Dewhurst, Commissioner  
Douglas Howard



LOCATION MAP  
 N. T. S.

CONTROL PT 1  
 SET 60d NAIL  
 N=17,005,927.72 FT  
 E=1,249,420.43 FT

S 21°41'19" E 5.82V (16.16')  
 S 52°43'16" E 12.97V (36.03')  
 S 53°01'40" E 11.09V (30.81')  
 S 84°38'20" E 2.76V (7.66')  
 S 44°57'24" E 9.06V (25.17')  
 S 65°03'06" E 17.70V (49.17')  
 S 56°55'58" E 7.75V (21.52')

BENCHMARK-CORNER OF  
 CONC. RETAINING WALL  
 ELEV. = 4.6 FT. NAVD88

LOT 3, SECTION 9, OF  
 SUBDIVISION NO. 1 OF  
 THE THEODORE F. KOCH LANDS  
 VOL. A, PG. 88,  
 M.R.K.C.T.

LOT 4, SECTION 9, OF  
 SUBDIVISION NO. 1 OF  
 THE THEODORE F. KOCH LANDS  
 VOL. A, PG. 88,  
 M.R.K.C.T.

"B" DE LA BOVEDA  
 GABRIEL ORBINO  
 1-520

NOTES:

- 1) BEARINGS BASED ON TEXAS COORDINATE SYSTEM, SOUTH ZONE, NAD83. COORDINATES ESTABLISHED FROM "ROBBINS ECC" PID # AH0595. ALL COORDINATES AND DISTANCES ARE IN SURFACE FEET BASED ON THE GRID COORDINATES AT CONTROL POINT 2.
- 2) BENCH MARKS USED: V018 ELEV. 17.78 FT. NAVD88  
 G 635 RESET 1947 ELEV. 13.5 FT. NAVD88  
 ROBBINS ECC ELEV. 50.50 FT. NAVD88
- 3) ALL DISTANCES ARE IN VARAS WITH FEET IN PARENTHESES

SHORELINE SURVEY OF  
 KAUFER-HUBERT PARK  
 ON THE CAYO DEL GRULLO

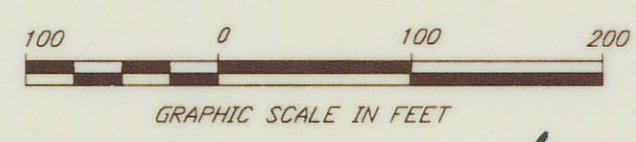
BEING OUT OF FARM LOTS 3 AND 4, SECTION 9, SUBDIVISION NO. ONE OF THE THEODORE F. KOCH LANDS RECORDED IN VOL. A, PG. 88, OF THE MAP RECORDS OF KLEBERG COUNTY, TEXAS, A DESCRIPTION OF THE PARK ALONG THE SHORELINE IS RECORDED IN VOL. 108, PG. 45, AND VOL. 207, PG. 31, DEED RECORDS KLEBERG COUNTY, TEXAS.

LITTORAL OWNER

KLEBERG COUNTY  
 P. O. BOX 752  
 KINGSVILLE, TEXAS 78364

SCALE: 1" = 100'  
 DATE: 5-19-00

**PYLE & ASSOCIATES**  
 PROFESSIONAL LAND SURVEYORS  
 413 STAGES,  
 CORPUS CHRISTI, TEXAS 78412  
 PHONE #: (361) 993-4191  
 FAX #: (361) 985-0967



NOTICE: THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH SECTION 33.136, NATURAL RESOURCES CODE, FOR THE PURPOSE OF EVIDENCING THE LOCATION OF THE SHORELINE IN THE AREA DEPICTED IN THIS SURVEY AS THAT SHORELINE EXISTED BEFORE COMMENCEMENT OF EROSION RESPONSE ACTIVITY, AS REQUIRED BY CHAPTER 33, NATURAL RESOURCES CODE. THE LINE DEPICTED ON THIS SURVEY FIXES THE SHORELINE FOR THE PURPOSE OF LOCATING A SHORELINE BOUNDARY, SUBJECT TO MOVEMENT LANDWARD AS PROVIDED BY SECTION 33.136, NATURAL RESOURCES CODE.

I, George M. Pyle, licensed STATE LAND SURVEYOR, do hereby certify that the foregoing shoreline survey was made by me on the ground and that the limits, boundaries and corners, natural and artificial are as described hereon.

*George M. Pyle* 5-19-00

George M. Pyle, R.P.L.S. #1258 L.S.L.S.

42100

NO. 1

File No. NRC Article 33.136 Sketch 1  
Rotted Sketch 14-C

KLEBERG County  
Erosion Control Activity Contract:  
Engineering: 00-024; Construction: 00-120

Date Filed: May 19, 2000

By David Dewhurst, Commissioner  
Douglas Howard

PARK BODIES IN BLUE



000000

PREPARED BY  
TOBIN INTERNATIONAL, LTD  
P.O. BOX 839905 SAN ANTONIO, TEXAS

ENLARGEMENT  
FROM AERIAL NEGATIVE

1" = 500' ±

02-14-34

PORTION OF

1229-82



TOBIN

COUNTER 82331 (back)

NO. 2

NRC Article 33.136 SRch 1  
File No. Rolled Sketch 14-D  
KLEBERG County  
Erosion Control Activity Contract:  
Engineering: 00-024, Construction: 00-120

Date Filed May 19, 2000

David Dewhurst, Commissioner  
By Douglas Howard

PARK BODY IN BLUE

04

© ALL RIGHTS RESERVED

LANNON AERIAL  
PHOTOGRAPHY, INC.  
218 International Dr.  
Corpus Christi, TX 78406  
(361) 209-1120

Date: 29 July 85

Scale: 1" = 200' ±

12585-1

45100

NO. 3

File No. NRC article 33.136 Sketch 1  
Roller sketch 14-E

KLEBERG County  
Erosion Control Activity Contract:  
Engineering: 00-024; Construction: 00-120

Date Filed May 19, 2000

David Dewhurst, Commissioner  
Douglas Howard

PARK B'D'Y IN BLUE



00104

PREPARED BY  
TOBIN INTERNATIONAL, LTD  
P.O. BOX 839905 SAN ANTONIO, TEXAS

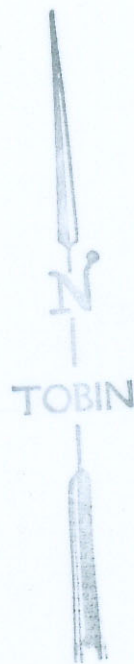
ENLARGEMENT  
FROM AERIAL NEGATIVE

1" = 500'

03-22-98

PORTION OF

SCH 5372-5-24



51900

May 19, 2000

George M. Pyle, R.P.L.S., L.S.L.S.  
13745 Eaglesnest Bay  
Corpus Christi, TX 78418  
361-949-9054

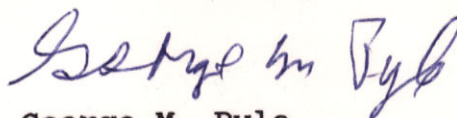
David Dewhurst, Commissioner  
General Land Office  
1700 North Congress Ave., Room 812  
Austin, Texas 78701

Attention: C.B. Thomson, Director of Surveying.

Dear Ben:

I am herewith submitting a shoreline survey and report along with aerial photographs of a tract of land out of Farm Lots Three and Four, Section 9 of the Subdivision No. One of the Theodore F. Koch Lands, a map of which is recorded in Vol. A, Page 88 of the map records of Kleberg County, Texas.

This tract is known as Kaufer-Hubert County Park and adjoins Cayo Del Grullo-Baffin Bay State Submerged Tract No. 77. The county is planning to build a seawall on the shoreline of Cayo Del Grullo and wants General Land Office approval of the shoreline boundary pursuant to Section 33.136, Natural Resources, V.T.C.A.



George M. Pyle  
R.P.L.S. No. 1258 - L.S.L.S.

enclosures  
a:\letters\globen2.let

File No. NRC article 33.136 Sketch 1  
Rolled Sketch 14-A

KLEBERG County  
Erosion Control Activity Contract:  
Engineering: 00-024, Construction: 00-120

Date Filed: May 19, 2000

David Dewhurst, Commissioner  
By Douglas Howard



File No. KLEBERG RID SK. 14-B

Erosion Control Activity Contract:

Engineering: 00-024, Construction: 00-120

Date Filed: May 19, 2000

May 19, 2000

by: David Dewhurst, Commissioner  
Douglas Howard

**Shoreline Boundary Survey Report**

Exhibit No. 1: Tobin International Aerial Photo 1229-82, Dated February 14, 1934 on scale of 1" = 500'±.

Exhibit No. 2: Lanmon Aerial Photo 12585-1, Dated July 29, 1985 on scale of 1" = 200'±.

Exhibit No. 3: Tobin Aerial Photo SCH 5372-5-24, Dated March 22, 1998 on scale of 1" = 500'±.

The 1934 photo shows the shoreline before any improvements to the property.

The 1985 photo shows the shoreline after two concrete boat launches and a pier were built. This shows artificial accretion to the natural shoreline at the boat launch.

The 1998 photo shows the shoreline after a concrete rubble jetty was built. This shows artificial accretion at the jetty but the accretion at the boat launches was evidently dredged out.

The existing shoreline East of the pier has been preserved with concrete rubble.

The existing shoreline between the pier and the jetty is the natural shoreline except at the jetty and a portion of it has a distinct vegetation line and a sloping beach.

The shoreline West of the West boat launch has a vertical bank 2' to 3' high and no beach.

All of the Cayo Del Grullo is designated as Non-Tidal by NOAA so I established the shoreline by using the elevation of the vegetation line (1.9' NAVD88) from the jetty to the East boundary of the tract. From the West boat launch to the West end of the survey, the 2' to 3' vertical bank was used as the shoreline. The natural shoreline from the jetty to the West boat launch is obscured so I ran a straight line from the westernmost natural vegetation line East of the jetty to the 2' to 3' bank West of the West boat launch.

There is a 10' to 12' bank from the East boundary for about 1100' West and from there it slopes down out to about 4' to 2' to the jetty.

Signed:

George M. Pyle  
George M. Pyle  
R.P.L.S. 1258 & L.S.L.S.



Texas General  
Land Office



David Dewhurst  
Commissioner

May 31, 2000

Mr. George M. Pyle, LSLS  
13745 Eaglesnest Bay  
Corpus Christi, TX 78418

Dear <sup>George</sup> Mr. Pyle:

Your survey plat showing the Cayo del Grullo shoreline of a tract of land in Farm Lots Three and Four, Section 9, of the Subdivision No. One of the Theodore F. Koch lands has been accepted for filing in the Surveying Division archives of the Texas General Land Office. The plat together with its attendant exhibits (report and aerial photographs) has been filed as Kleberg County Rolled Sketch No. 14

Acceptance of this plat acts in no way to fix the littoral boundary shown thereon. The littoral boundary depicted on the plat continues to be subject to erosion, accretion, and reliction, as is any littoral boundary.

If this office can be of further assistance to you in this or other matters, please let me know.

Sincerely,

*C. B. Thomson*

C. B. Thomson  
Director of Surveying

CBT:jak

cc: Kleberg Co. Rolled Sketch 14

NR Article 33.136 sketch 1  
File No. Rolled Sketch 14-F

KLEBERG County

Correspondence

Date Filed: May 31, 2000

David Dewhurst, Commissioner

By Douglas Howard

Stephen F. Austin Building

1700 North  
Congress Avenue

Austin, Texas  
78701-1495

512-463-5001

counter 41530