

VICINITY MAP NOT TO SCALE

LINE	BEARING	DISTANCE
L1	N27°40'13"W	23.24'
L2	N69°07'34"W	18.19'
L3	N08°52'51"W	21.57'
L4	N36°15'26"W	33.63'
L5	N60°37'26"W	27.47'
L6	N29°29'31"W	41.72'
L7	N41°22'10"W	41.76'
L8	N21°46'36"W	72.05'
L9	N35°57'33"W	65.38'
L10	N44°12'32"W	41.85'
L11	N34°28'32"W	70.26'
L12	N42°51'55"W	56.96'
L13	N56°23'25"W	60.53'
L14	N60°04'35"W	56.41'
L15	N53°19'21"W	35.67'
L16	N48°58'08"W	18.15'
L17	N05°47'56"W	6.72'
L18	N49°00'20"W	42.73'
L19	S81°03'34"W	6.46'
L20	N49°48'41"W	45.13'
L21	N44°27'35"W	31.49'
L22	S75°10'18"W	10.71'
L23	N32°22'45"W	43.47'
L24	N54°01'40"W	33.51'
L25	N15°57'31"W	13.96'
L26	N16°40'30"E	12.66'
L27	N38°17'16"E	39.40'
L28	N19°25'04"E	29.60'
L29	N19°33'40"E	11.09'
L30	N19°54'05"E	13.55'
L31	N17°54'11"E	45.58'
L32	N10°31'02"E	11.49'
L33	N06°05'58"E	24.25'
L34	N10°14'10"E	32.63'
L35	N08°21'05"E	35.37'
L36	N09°00'47"E	27.56'

LINE	BEARING	DISTANCE
L37	N05°05'14"W	9.87'
L38	S70°42'14"E	11.97'
L39	S22°07'04"W	42.12'
L40	N24°15'32"W	12.36'
L41	N05°34'38"W	17.09'
L42	N27°40'13"W	12.80'
L43	N69°07'34"W	10.81'
L44	N59°38'29"W	18.01'
L45	N08°52'51"W	27.34'
L46	N36°15'26"W	22.14'
L47	N60°37'26"W	28.38'
L48	N32°19'28"W	11.46'
L49	N29°09'09"W	35.28'
L50	N41°22'10"W	40.42'
L51	N35°14'55"W	36.73'
L52	N21°46'36"W	43.00'
L53	S87°47'43"W	24.63'
L54	S66°23'28"W	4.34'
L55	N24°33'49"W	39.23'
L56	NOT USED	
L57	N59°34'31"E	42.38'
L58	N35°57'33"W	65.38'
L59	S59°58'54"W	22.01'
L60	N44°12'32"W	63.31'
L61	N34°28'32"W	70.55'
L62	N42°51'55"W	52.16'
L63	N56°23'25"W	56.76'
L64	N60°04'35"W	57.08'
L65	N53°19'21"W	37.15'
L66	S37°47'06"W	15.12'
L67	N48°58'08"W	51.86'
L68	N05°47'56"W	6.71'
L69	N49°00'20"W	21.19'
L70	S81°03'34"W	6.43'
L71	N49°08'19"W	16.75'
L72	S37°46'36"W	6.69'

LINE	BEARING	DISTANCE
L73	N49°48'41"W	82.54'
L74	N33°23'23"E	12.49'
L75	N64°14'49"W	3.14'
L76	N44°27'35"W	35.75'
L77	S75°10'18"W	11.27'
L78	S32°59'47"W	7.38'
L79	N58°21'56"W	187.97'
L80	N56°53'23"E	7.34'
L81	N32°22'45"W	34.08'
L82	S48°21'40"W	17.48'
L83	N54°01'40"W	56.52'
L84	N41°58'45"W	4.76'
L85	N28°47'04"W	114.34'
L86	N44°17'09"W	53.90'
L87	N03°00'16"E	4.73'
L88	N83°02'45"W	41.35'
L89	N08°19'08"E	24.64'
L90	N33°14'20"E	20.43'
L91	S67°18'00"E	27.72'
L92	N25°02'57"E	12.37'
L93	N66°49'33"W	12.62'
L94	N21°11'39"E	4.41'
L95	N87°52'11"E	18.45'
L96	N37°02'39"E	22.03'
L97	N19°25'04"E	48.28'
L98	S74°21'23"E	17.03'
L99	N19°33'40"E	11.09'
L100	N75°24'32"W	17.06'
L101	N19°54'05"E	36.71'
L102	N10°23'28"E	20.70'
L103	S80°38'46"E	15.30'
L104	N07°32'27"E	12.00'
L105	N80°35'59"W	14.54'
L106	N10°25'19"E	26.65'
L107	S87°08'53"E	20.76'
L108	N00°15'30"W	3.56'

LINE	BEARING	DISTANCE
L109	N87°22'29"W	20.15'
L110	N10°31'02"E	37.68'
L111	N06°05'58"E	24.19'
L112	N10°14'10"E	33.12'
L113	N08°21'05"E	35.10'
L114	N09°00'47"E	24.61'
L115	N05°05'14"W	21.64'
L116	N02°03'27"E	34.93'
L117	N21°38'17"E	3.78'
L118	N00°15'36"W	7.42'
L119	N49°08'19"W	5.15'
L120	N59°38'29"W	4.07'
L121	S00°57'15"E	127.69'
L122	S06°24'02"E	29.05'
L123	S72°21'34"E	88.65'
L124	S71°08'02"E	25.43'
L125	S74°01'01"E	31.67'
L126	S77°54'02"E	30.97'
L127	S83°13'51"E	37.33'
L128	N66°10'32"E	24.39'
L129	N80°58'43"E	21.76'
L130	N50°03'50"E	9.67'
L131	S79°15'49"E	40.93'
L132	S80°35'50"E	5.22'
L133	N55°59'18"E	3.46'
L134	S76°26'00"E	1.48'
L135	S12°46'01"W	10.05'
L136	S41°36'21"E	18.88'
L137	S70°42'14"E	24.66'
L138	S71°08'02"E	24.70'
L139	S74°01'01"E	30.19'
L140	S77°54'02"E	28.95'
L141	S83°13'51"E	29.33'
L142	N66°10'32"E	7.42'
L143	S79°15'49"E	49.14'

CURVE	LENGTH	DELTA	RADIUS	CHORD BEARING	CHORD
C1	32.31'	74°03'18"	25.00'	N01°04'06"E	30.11'
C2	39.20'	89°50'10"	25.00'	N80°52'38"W	35.30'
C3	27.19'	62°18'55"	25.00'	N84°28'48"W	25.87'
C4	19.00'	43°33'11"	25.00'	N70°54'54"W	18.55'
C5	31.05'	71°09'28"	25.00'	N25°38'52"W	29.09'
C6	26.34'	60°22'06"	25.00'	N74°38'38"W	25.14'
C7	40.65'	93°09'14"	25.00'	N78°57'22"W	36.31'
C8	31.06'	71°11'07"	25.00'	N55°09'13"E	29.10'
C9	30.97'	70°58'31"	25.00'	N15°55'36"W	29.03'
C10	26.03'	59°38'43"	25.00'	N47°43'33"E	24.87'
C11	29.41'	67°24'02"	25.00'	N34°12'21"W	27.74'
C12	558.81'	60°24'37"	530.00'	S37°12'03"E	533.28'
C13	28.53'	04°57'13"	330.00'	S69°52'58"E	28.52'

ACREAGE TABLE	
LEASE BLOCK:	10.6672 ACRES
F.E.R.C. BUFFER AREA:	1.3230 ACRES
SURVEY BLOCK:	11.992 ACRES TOTAL

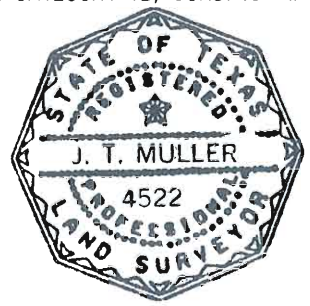
SURVEYORS CERTIFICATE

TO: BRAZOS RIVER AUTHORITY, PATTERSON PK LAND PARTNERSHIP, LTD., AND HERITAGE TITLE COMPANY OF AUSTIN, INC.

I, JAMES T. MULLER, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, REGISTRATION NUMBER 4522, HEREBY STATE THAT A SURVEY OF THE REAL PROPERTY DESCRIBED IN SEPARATE LEGAL DESCRIPTION AS NOTED HEREON, WAS ACTUALLY MADE UPON THE GROUND UNDER MY DIRECTION AND SUPERVISION, AND THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF, THE INFORMATION SHOWN HEREON IS CORRECT AS DETERMINED BY SAID SURVEY.

THIS SURVEY SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY 1B, CONDITION II SURVEY.


 JAMES T. MULLER
 REGISTERED PROFESSIONAL LAND SURVEYOR
 TEXAS REGISTRATION NO. 4522



DATE: JUNE 11, 2010

NOTES:

- 1) BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE NORTH AMERICAN DATUM OF 1983, TEXAS COORDINATE SYSTEM, NORTH CENTRAL ZONE (4202).
- 2) 1,000-FOOT CONTOUR ELEVATION OF POSSUM KINGDOM LAKE IS DETERMINED BASED ON MEASUREMENTS FROM THE TOP OF THE EXISTING SPILLWAY CREST GATES AT THE MORRIS SHEPPARD DAM BEING AT ELEVATION 1,000- FEET ABOVE MEAN SEA LEVEL AS NOTED IN FEDERAL POWER COMMISSION REPORT PROJECT NO. 1490 - TEXAS ON JUNE 2, 1938.
- 3) SET = 5/8" IRON ROD W/CAP STAMPED "AECOM" SET; D.R.P.P.C.T.= DEED RECORDS, PALO PINTO COUNTY, TEXAS; P.R.P.P.C.T.= PLAT RECORDS, PALO PINTO COUNTY, TEXAS; F.E.R.C.= FEDERAL ENERGY REGULATORY COMMISSION; J.R.P.P.C.T.= JUDGEMENT RECORDS, PALO PINTO COUNTY, TEXAS; LFS = 5/8" IRON ROD W/CAP STAMPED "LINKFIELD RPLS 5087" FOUND.
- 4) METES AND BOUNDS DESCRIPTIONS TO ACCOMPANY THIS SURVEY.
- 5) LOCATION, POSITION AND GEOMETRY OF ROAD RIGHTS-OF-WAY SHOWN AND DESCRIBED HEREON BASED ON SURVEYS PROVIDED BY LINK FIELD SERVICES, NO DEED OF RECORD HAS BEEN RECORDED AT THIS TIME FOR SAME UNLESS NOTED OTHERWISE.
- 6) IMPROVEMENTS SHOWN HEREON TIED FEBRUARY 2010.

STANDARD LAND SURVEY
 OF
11.9902 ACRES
 SITUATED IN TRACT 5-2-31
 AREA 1-6, LOT W-12 TO W-24
 POSSUM KINGDOM LAKE
 FRAYHAN DE LA GARZA SURVEY,
 ABSTRACT 196
 PALO PINTO COUNTY, TEXAS

AECOM	AECOM USA GROUP, INC. 1200 SUMMIT AVENUE, SUITE 600 FORT WORTH, TEXAS 76102 WWW.AECOM.COM 817.698.6770	
	Date: 11/12/09	Project No. 60102581.02

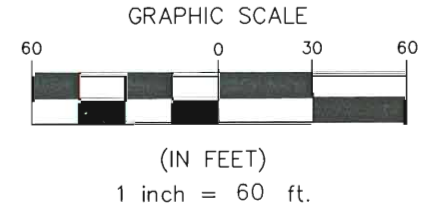
REVISED: 06/11/10
 REVISED: 05/21/10 SHEET 1 OF 5

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FRAYHAN DE LA GARZA SURVEY
ABSTRACT 196

THE BRAZOS RIVER CONSERVATION
AND RECLAMATION DISTRICT
TRACT 5-2-31
VOLUME 178, PAGES 604 & 605
D.R.P.P.C.T.



- LEGEND
- = LEASE CORNER MARKER "AS NOTED"
 - ⊕ = POST
 - OH = OVERHEAD LINES
 - ⊙ = POWER POLE
 - ⊙ = WATER METER

STANDARD LAND SURVEY
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1200 SUMMIT AVENUE, SUITE 600
FORT WORTH, TEXAS 76102
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SHEET 3

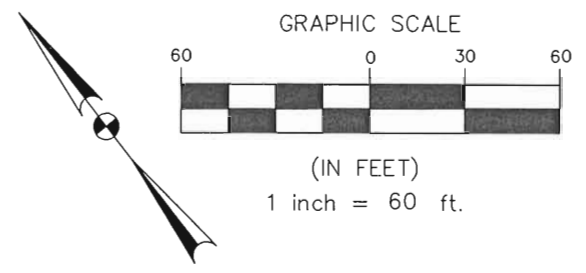
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Date: 11/12/09 Project No. 60102581.02 60052528 R013ByR.dwg

FRAYHAN DE LA GARZA SURVEY
ABSTRACT 196

LUCKY LANE
SEE NOTE 5

HARRIS DRIVE
SEE NOTE 5



THE BRAZOS RIVER CONSERVATION
AND RECLAMATION DISTRICT
TRACT 5-2-31
VOLUME 178, PAGES 604 & 605
D.R.P.P.C.T.

INTERIOR BLOCK
IMPROVEMENTS NOT
SHOWN
LEASE BLOCK R013
AREA: 1-6
10.6672 ACRES
464,664 SQ. FT.

POSSUM KINGDOM LAKE
THE BRAZOS RIVER CONSERVATION
AND RECLAMATION DISTRICT
TRACT 5-2-31
VOLUME 178, PAGES 604 & 605
D.R.P.P.C.T.

F.E.R.C. BUFFER AREA
1.3230 ACRES
57,630 SQ. FT.

STANDARD LAND SURVEY
OF
11.9902 ACRES
SITUATED IN TRACT 5-2-31
AREA 1-6, LOT W-12 TO W-24
POSSUM KINGDOM LAKE
FRAYHAN DE LA GARZA SURVEY,
ABSTRACT 196
PALO PINTO COUNTY, TEXAS

- LEGEND**
- = LEASE CORNER MARKER "AS NOTED"
 - ⊕ = POST
 - OH = OVERHEAD LINES
 - ⊙ = POWER POLE
 - ⊙ = WATER METER

REVISED: 06/11/10
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SHEET 2

SHEET 4

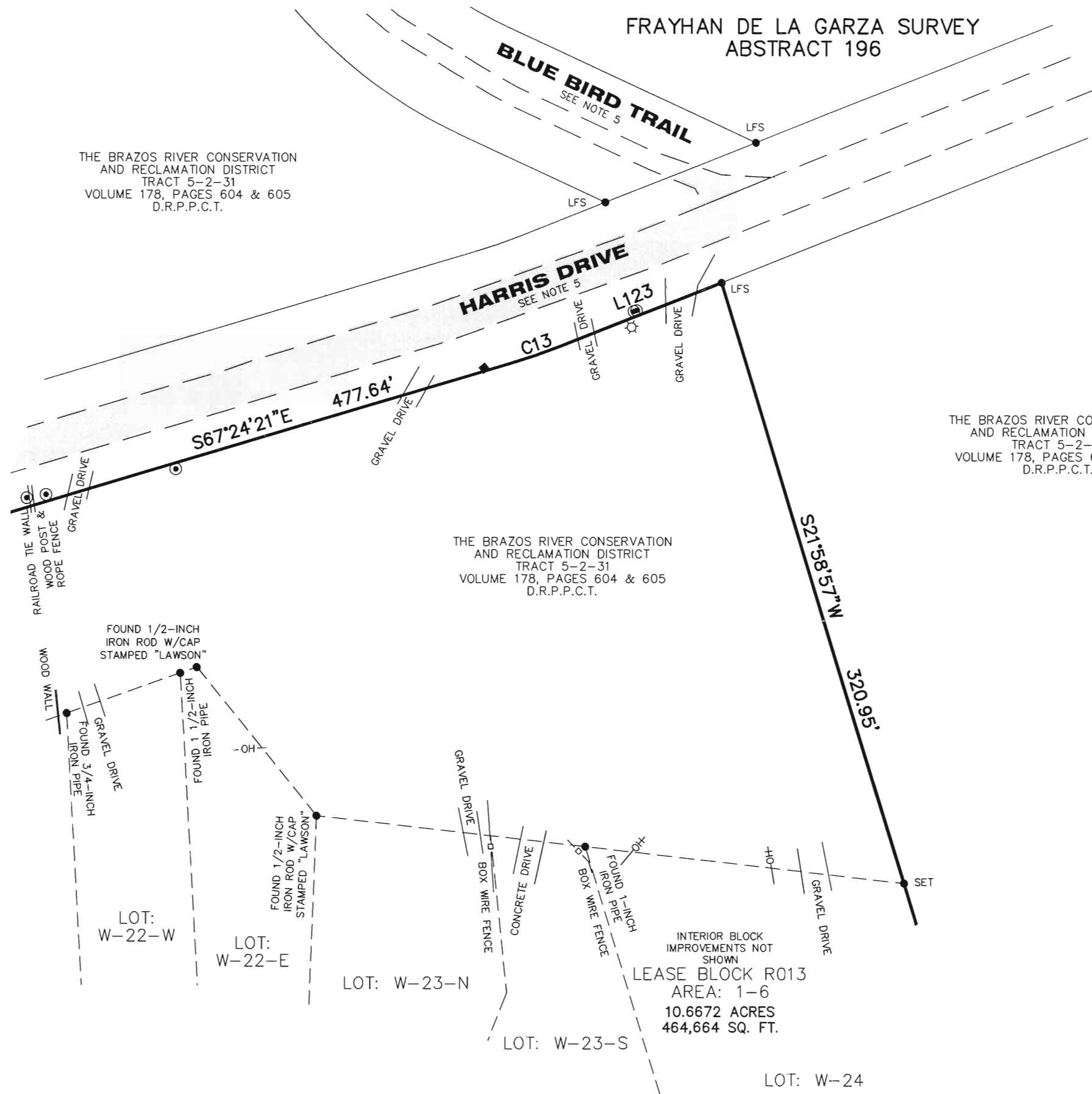
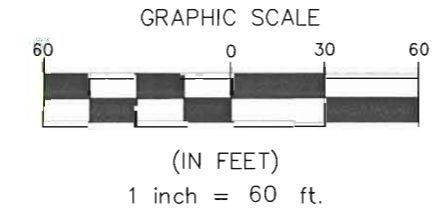
SHEET 5

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THE BRAZOS RIVER CONSERVATION
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STANDARD LAND SURVEY
OF
11.9902 ACRES
SITUATED IN TRACT 5-2-31
AREA 1-6, LOT W-12 TO W-24
POSSUM KINGDOM LAKE
FRAYHAN DE LA GARZA SURVEY,
ABSTRACT 196
PALO PINTO COUNTY, TEXAS

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SHEET 3

SHEET 5

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REVISED: 05/21/10 SHEET 4 OF 5

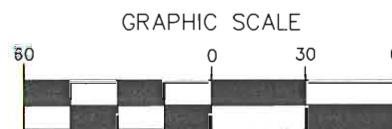
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FRAYHAN DE LA GARZA SURVEY
ABSTRACT 196

SHEET 4

THE BRAZOS RIVER CONSERVATION
AND RECLAMATION DISTRICT
TRACT 5-2-31
VOLUME 178, PAGES 604 & 605
D.R.P.P.C.T.



(IN FEET)
1 inch = 60 ft.

LEGEND

- = LEASE CORNER MARKER
"AS NOTED"
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- ⊖ = POWER POLE
- ⊙ = WATER METER

SHEET 3

LOT: W-21

LOT: W-22-W

LOT: W-22-E

LOT: W-23-N

LOT: W-23-S

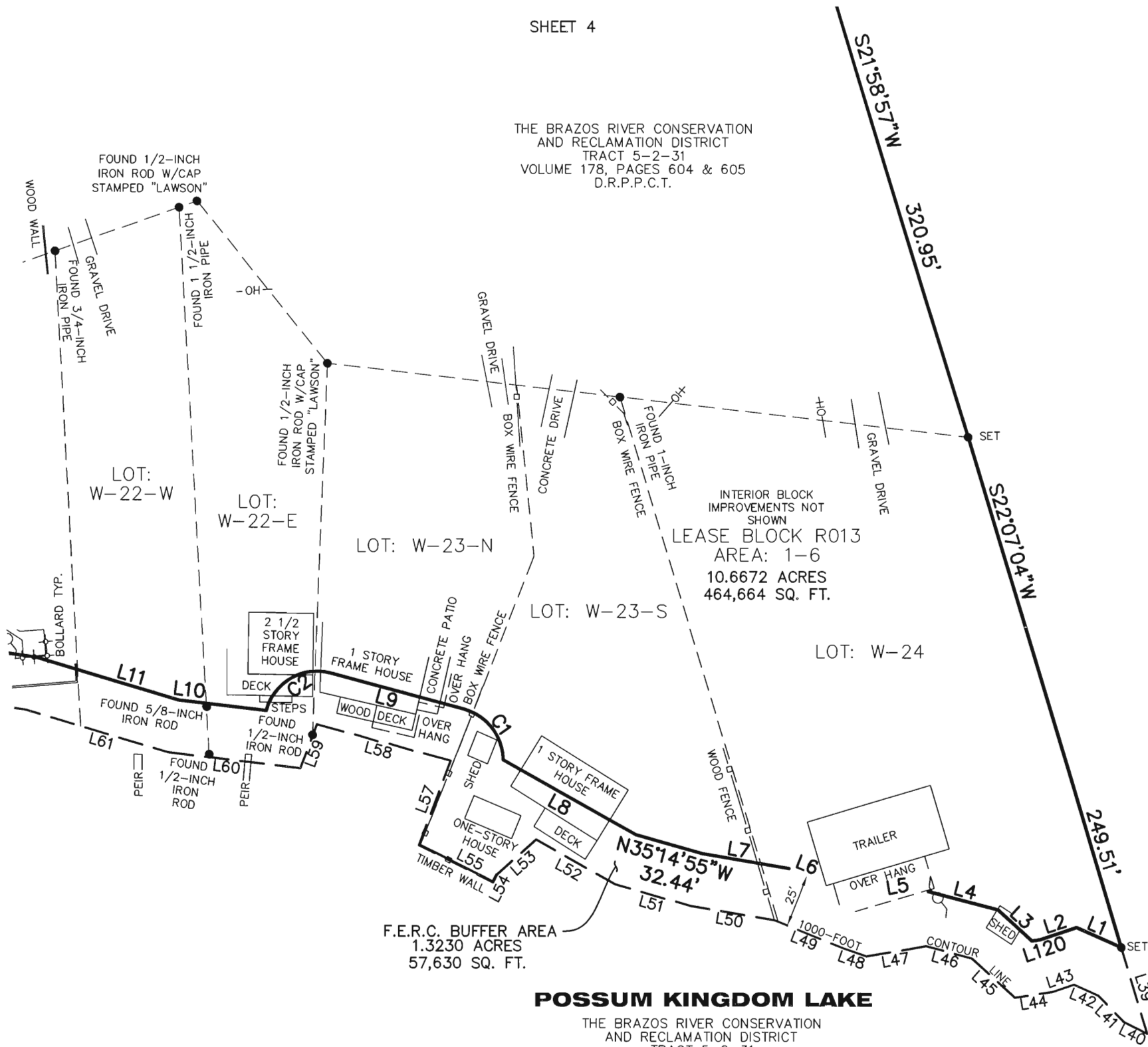
LOT: W-24

INTERIOR BLOCK
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SHEET 5 OF 5

Date: 11/12/09

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