

LINE	BEARING	DISTANCE
L1	N83°01'55"E	11.42'
L2	S28°49'07"E	20.57'
L3	S10°50'12"W	20.32'
L4	S67°36'15"W	14.05'
L5	S80°25'46"W	42.24'
L6	S24°06'14"W	14.97'
L7	N83°01'55"E	14.50'
L8	S54°35'53"W	7.07'
L9	S32°16'26"E	14.87'
L10	S34°44'35"E	45.37'
L11	S39°31'32"E	42.19'
L12	S28°49'07"E	30.86'
L13	S01°46'18"W	13.59'
L14	S07°19'42"W	12.90'
L15	N81°07'27"W	2.25'
L16	S10°50'12"W	3.99'
L17	S78°22'44"E	2.09'
L18	S13°37'08"W	9.45'
L19	S28°23'37"W	7.89'
L20	S88°16'50"W	7.60'
L21	S67°36'15"W	17.43'
L22	S65°55'12"W	34.10'
L23	S67°09'19"W	53.26'
L24	S73°19'36"W	11.24'
L25	S80°25'46"W	42.16'
L26	N89°10'44"W	48.22'
L27	N64°18'13"W	37.10'
L28	N59°54'20"W	39.89'
L29	S32°16'26"E	15.41'
L30	S24°06'14"W	18.10'
L31	S58°45'42"E	25.20'

CURVE TABLE					
CURVE	LENGTH	DELTA	RADIUS	CHORD BEARING	CHORD
C1	34.71'	79°33'07"	25.00'	S15°40'20"E	31.99'
C2	20.22'	04°04'35"	284.26'	S40°21'07"E	20.22'
C3	17.39'	39°50'55"	25.00'	S12°20'58"E	17.04'
C4	53.42'	09°53'50"	309.26'	S39°52'06"E	53.36'
C5	199.62'	12°30'04"	914.93'	N21°06'48"E	199.23'

ACREAGE TABLE  
LEASE BLOCK: 1.3638 ACRES  
F.E.R.C. BUFFER AREA: 0.3343 OF ONE ACRE  
SURVEY BLOCK: 1.6981 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 COMPLES 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: MAY 21, 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) RIGHT-OF-WAY FOR F.M. 1148 WAS DETERMINED USING TEXAS DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY PLANS FOR F.M. 1148, FROM: 4.3 MILES EAST OF STEPHENS COUNTY LINE EAST AND NORTH 3.3 MILES, TO: COUNTY ROAD INTERSECTION), OBTAINED FROM THE TEXAS DEPARTMENT OF TRANSPORTATION'S WEB SITE (WWW.DOT.STATE.TX.US), BEING THEIR CONTROL No. 1525-2-2.

6) IMPROVEMENTS SHOWN HEREON TIED FEBRUARY 2010.

REVISED: 05/21/10  
REVISED: 02/08/10

SHEET 1 OF 2

STANDARD LAND SURVEY  
OF

1.6981 ACRES

SITUATED IN TRACT 29-1-72  
AREA 6-Q, LOTS 8-N & 8-S  
POSSUM KINGDOM LAKE  
S.P.R.R. CO. SURVEY, ABSTRACT 420  
PALO PINTO COUNTY, TEXAS



AECOM USA GROUP, INC.  
1200 SUMMIT AVENUE, SUITE 600  
FORT WORTH, TEXAS 76102  
WWW.AECOM.COM  
817.698.6770

Date: 12/31/09 Project No. 60102581.02

60052528  
R123BYR.dwg

**F.M. 1148**  
 CALLED 80-FOOT WIDE RIGHT-OF-WAY  
 NO DEED OF RECORD FOUND  
 (SEE NOTE 5)

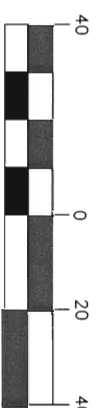
**POINT OF BEGINNING**  
 SET  
 N 7.012,510.62  
 E 1,968,967.01

POSSUM KINGDOM CONTROL  
 MONUMENT NO. 13  
 S13°55'22"W, 2,918.68'

**S.P.R.R. CO. SURVEY, ABSTRACT 420**

LEASE BLOCK R124  
 AREA: 6-Q

**F.E.R.C. POINT OF BEGINNING**



1 inch = 40 ft.

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

F.E.R.C. BUFFER AREA  
 0.3343 OF ONE ACRE  
 14,563 SQ. FT.

**POSSUM KINGDOM LAKE**

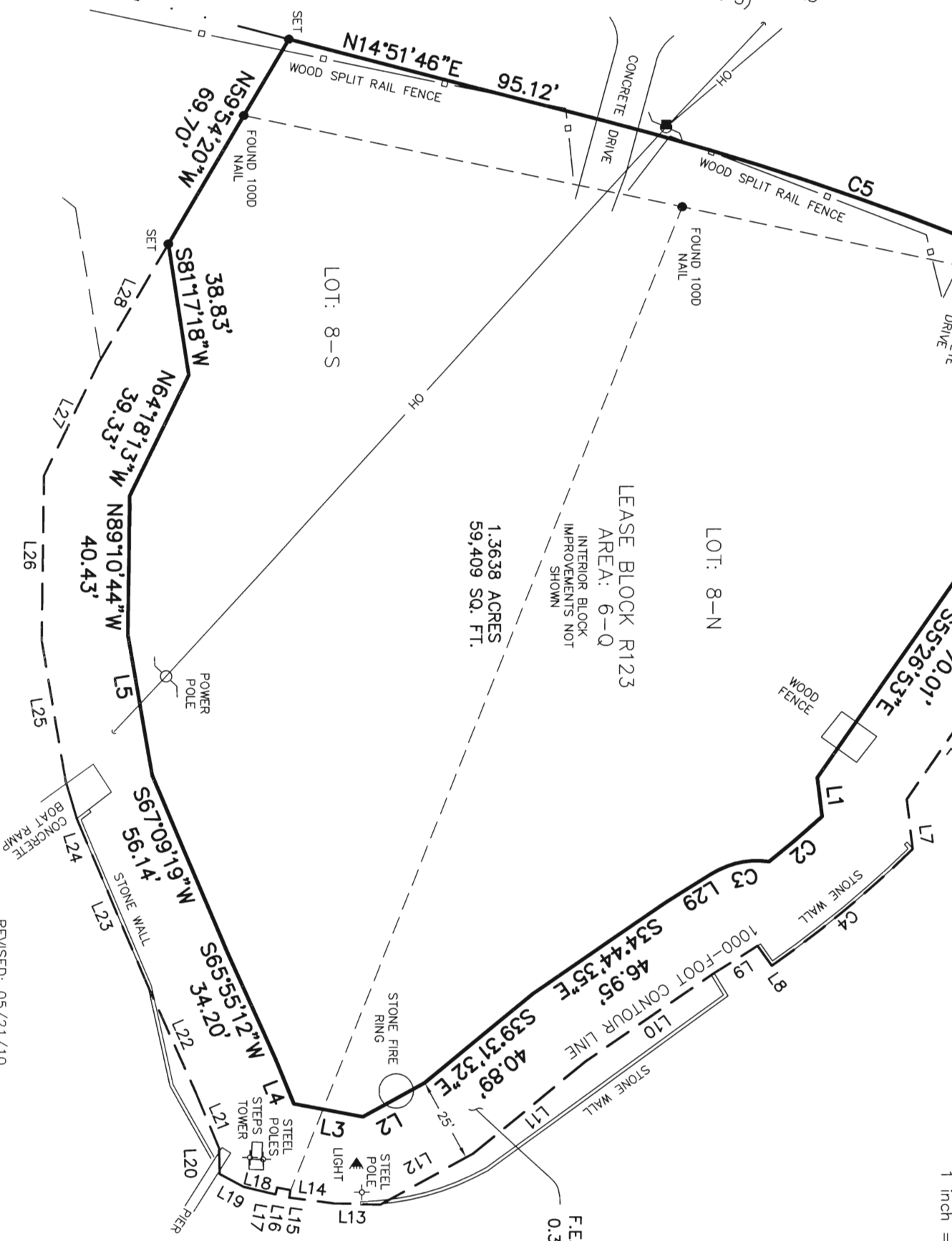
THE BRAZOS RIVER CONSERVATION  
 AND RECLAMATION DISTRICT  
 TRACT 29-1-72  
 CAUSE No. 14,971  
 BOOK M, PAGE 286  
 J.R.P.C.T.

LEASE BLOCK R123  
 AREA: 6-Q  
 INTERIOR BLOCK  
 IMPROVEMENTS NOT  
 SHOWN

1.3638 ACRES  
 59,409 SQ. FT.

LOT: 8-S

LOT: 8-N



STANDARD LAND SURVEY  
 OF

**1.6981 ACRES**

SITUATED IN TRACT 29-1-72  
 AREA 6-Q, LOTS 8-N & 8-S  
 POSSUM KINGDOM LAKE  
 S.P.R.R. CO. SURVEY, ABSTRACT 420  
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REVISED: 05/21/10  
 REVISED: 02/08/10

SHEET 2 OF 2