

LINE	BEARING	DISTANCE
L1	S30°52'06"W	17.31'
L2	S28°13'33"W	24.74'
L3	S00°06'48"E	14.45'
L4	S26°59'52"W	18.75'
L5	S59°18'48"W	14.75'
L6	S31°34'07"W	38.23'
L7	S23°24'48"W	20.94'
L8	S32°13'32"W	18.81'
L9	S69°16'20"W	13.23'
L10	S11°20'19"W	27.11'
L11	S02°24'29"W	15.85'
L12	S30°25'31"W	25.55'
L13	S50°32'00"W	57.39'
L14	S22°07'44"W	13.15'
L15	S48°02'29"W	43.24'
L16	S42°42'39"W	35.50'
L17	S41°30'37"W	28.75'
L18	S52°41'17"W	52.10'
L19	S50°53'15"W	54.52'
L20	S38°23'05"W	62.74'
L21	S39°08'39"W	50.30'
L22	N03°22'31"W	11.56'
L23	N39°04'06"W	36.13'
L24	N63°39'20"W	44.25'
L25	S22°01'27"W	41.00'
L26	S12°07'39"W	30.55'
L27	S15°21'43"W	26.84'
L28	S50°52'01"W	26.35'
L29	S23°35'34"W	15.91'
L30	S76°14'54"W	41.27'

LINE	BEARING	DISTANCE
L31	S51°48'34"W	54.21'
L32	S38°36'42"W	45.26'
L33	S27°01'30"W	18.22'
L34	S69°43'54"W	42.98'
L35	S13°21'03"W	7.64'
L36	S51°12'24"W	47.33'
L37	S27°15'30"W	56.72'
L38	S29°47'06"W	57.90'
L39	S44°31'46"W	60.19'
L40	S64°47'49"E	25.12'
L41	S30°52'06"W	19.21'
L42	S28°13'33"W	17.85'
L43	S00°06'48"E	14.16'
L44	S26°59'52"W	32.02'
L45	S59°18'48"W	15.82'
L46	S09°17'49"W	20.85'
L47	S39°55'04"W	9.03'
L48	N75°41'02"W	6.90'
L49	S23°24'48"W	21.08'
L50	S32°13'32"W	14.60'
L51	S24°44'53"E	4.72'
L52	S30°10'50"W	9.35'
L53	S59°43'02"W	17.19'
L54	S85°21'17"W	5.90'
L55	N35°55'40"W	11.59'
L56	S45°41'08"W	10.46'
L57	S69°16'20"W	5.07'
L58	S11°20'19"W	11.32'
L59	S02°24'29"W	20.13'
L60	S30°25'31"W	36.22'

LINE	BEARING	DISTANCE
L61	S50°32'00"W	55.49'
L62	S22°07'44"W	12.57'
L63	S48°02'29"W	47.83'
L64	S42°42'39"W	34.08'
L65	S41°30'37"W	30.93'
L66	S52°41'17"W	54.15'
L67	S50°53'15"W	51.39'
L68	S38°23'05"W	60.17'
L69	S39°08'39"W	58.33'
L70	S47°25'57"W	23.52'
L71	N82°08'32"W	14.45'
L72	N41°22'20"W	9.26'
L73	N03°22'31"W	30.95'
L74	N39°04'06"W	22.63'
L75	N63°39'20"W	38.80'
L76	S22°01'27"W	38.84'
L77	S12°07'39"W	29.09'
L78	S15°21'43"W	35.55'
L79	S50°52'01"W	28.29'
L80	S23°35'34"W	16.68'
L81	S76°14'54"W	40.62'
L82	S51°48'34"W	52.46'
L83	S38°36'42"W	39.83'
L84	S27°01'30"W	25.46'
L85	S69°43'54"W	39.35'
L86	S13°21'03"W	2.81'
L87	S51°12'24"W	50.60'
L88	S27°15'30"W	51.97'
L89	S29°47'06"W	61.69'
L90	S44°31'46"W	72.35'
L91	N25°50'01"W	26.54'
L92	S101°53'1"E	38.63'

CURVE	LENGTH	DELTA	RADIUS	CHORD BEARING	CHORD
C1	64.15'	107°59'26"	34.03'	S79°44'51"W	55.06'
C2	41.16'	94°19'13"	25.00'	S69°11'03"W	36.66'
C3	13.58'	22°24'19"	34.72'	S70°16'33"W	13.49'
C4	41.40'	36°57'15"	64.19'	S59°10'40"W	40.69'
C5	42.75'	07°40'36"	319.03'	S42°38'25"W	42.71'
C6	9.97'	64°12'48"	8.90'	S85°40'54"W	9.46'
C7	23.94'	151°49'34"	9.03'	S80°30'50"W	17.52'
C8	31.03'	29°46'28"	59.72'	S65°20'54"W	30.69'
C9	25.19'	36°49'40"	39.19'	S59°38'05"W	24.76'
C10	46.81'	07°47'44"	344.03'	S42°46'43"W	46.77'
C11	166.87'	16°27'23"	581.00'	N87°58'11"E	166.30'

ACREAGE TABLE  
LEASE BLOCK: 9.7053 ACRES  
F.E.R.C. BUFFER AREA: 0.8921 OF ONE ACRE  
SURVEY BLOCK: 10.5974 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: 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; 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  
10.5974 ACRES**

SITUATED IN TRACT 29-1-72  
AREA 6-Q, LOTS 16, 16-A, 16-B, 16-C,  
17, 17-1, & 17-A  
POSSUM KINGDOM LAKE  
S.P. RR CO. SURVEY, ABSTRACT 420  
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: 12/31/09 Project No. 60102581.02

60052528  
R127ByR1.dwg

S.P. RR Co. SURVEY, ABSTRACT 420

NOW OR FORMERLY  
S.V. WILLINGHAM AND B.M. WILLINGHAM  
VOLUME 209, PAGE 291 D.R.P.C.T.

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

POINT OF  
BEGINNING  
FOUND 1/2-INCH  
IRON ROD  
N 7.014,930.02  
E 1,972,445.33

F.E.R.C.  
POINT OF  
BEGINNING  
SET MAG NAIL

FOUND 1-INCH  
IRON PIPE

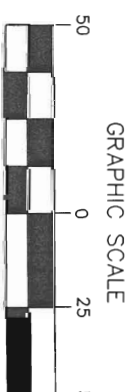
N79°44'29"E  
64.13'

S64°47'49"E 97.83'

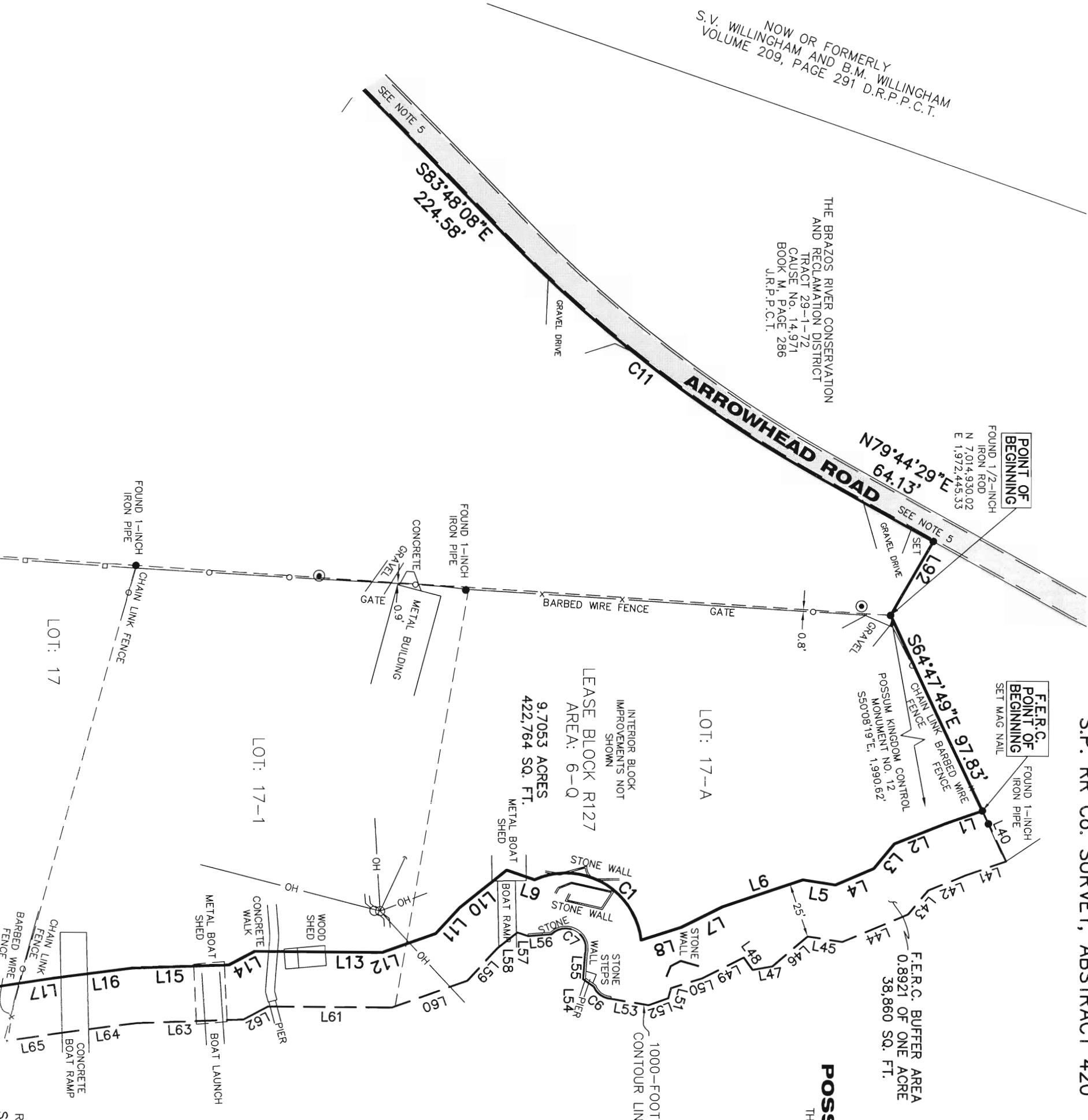
POSSUM KINGDOM CONTROL  
MONUMENT NO. 12  
S50°08'19"E, 1,990.62'

F.E.R.C. BUFFER AREA  
0.8921 OF ONE ACRE  
38,860 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.



- LEGEND
- = LEASE CORNER MARKER
  - "AS NOTED"
  - = TELEPHONE BOX
  - ⊙ = WATER METER
  - ⚡ = FLAG POLE
  - OH = OVERHEAD LINES
  - = POWER POLE



REVISED: 05/21/10  
SHEET 2 OF 5

STANDARD LAND SURVEY  
OF  
**10.5974 ACRES**  
SITUATED IN TRACT 29-1-72  
AREA 6-Q, LOTS 16, 16-A, 16-B, 16-C,  
17, 17-1, & 17-A  
POSSUM KINGDOM LAKE  
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NOW OR FORMERLY  
S.V. WILLINGHAM AND B.M. WILLINGHAM  
VOLUME 209, PAGE 291 D.R.P.C.T.

**ARROWHEAD ROAD**  
S83°48'08"E  
224.58'

N69°40'10"E 88.29'

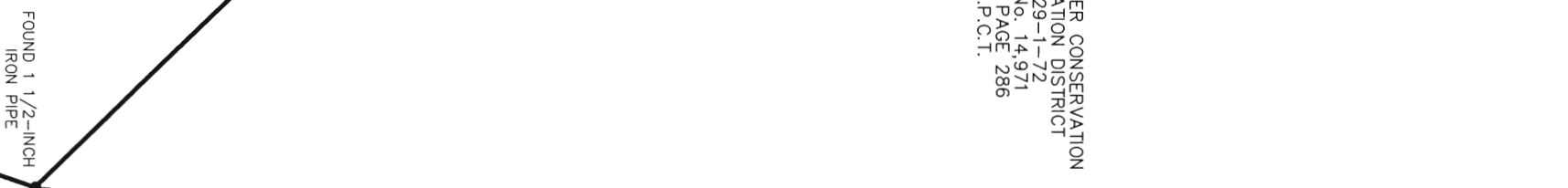
N05°40'10"E

CLUB VISTA PROPERTIES, LLC.  
VOLUME 1400, PAGE 171  
D.R.P.C.T.

BRA PROPERTY LINE  
405.25'

- LEGEND
- = LEASE CORNER MARKER
  - "AS NOTED"
  - ⊙ = TELEPHONE BOX
  - ⊕ = WATER METER
  - △ = FLAG POLE
  - OH = OVERHEAD LINES
  - = POWER POLE

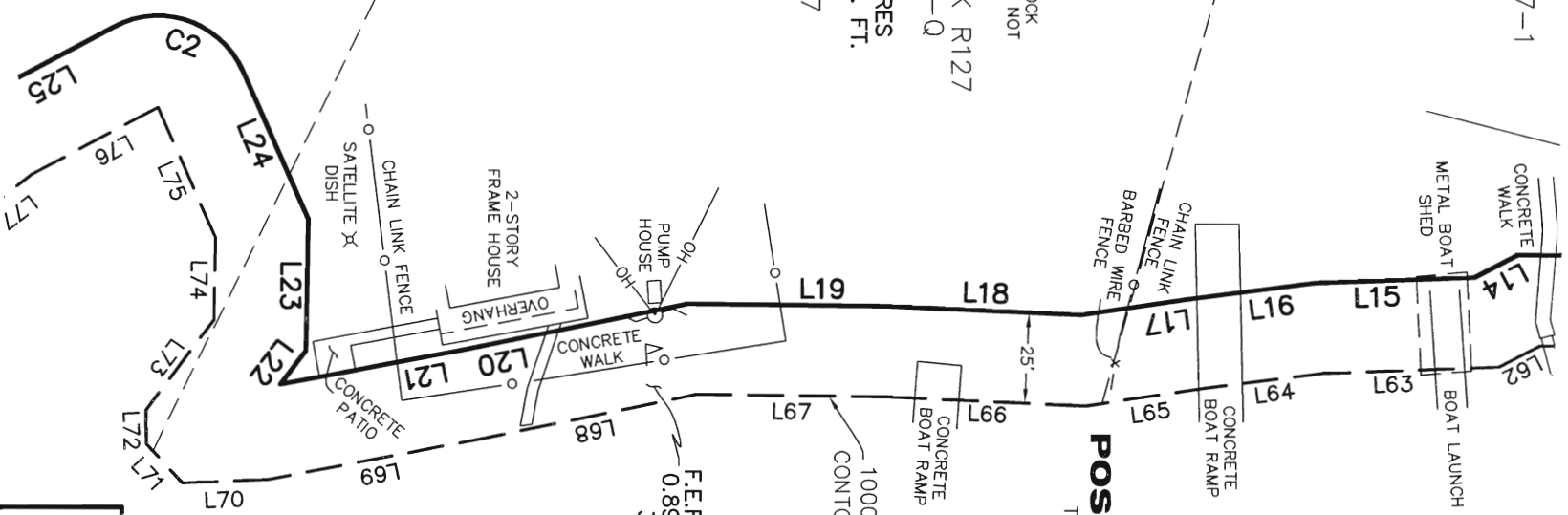
THE BRAZOS RIVER CONSERVATION  
AND RECLAMATION DISTRICT  
TRACT 29-1-72  
CAUSE No. 14,971  
BOOK M, PAGE 286  
J.R.P.C.T.



LOT: 16

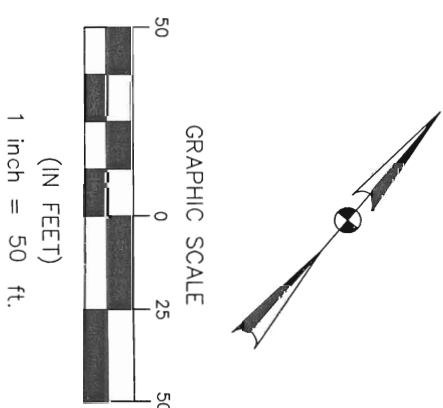
LOT: 17-1

LEASE BLOCK R127  
INTERIOR BLOCK  
IMPROVEMENTS NOT  
SHOWN  
AREA: 6-Q  
9.7053 ACRES  
422,764 SQ. FT.  
LOT: 17



**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.

F.E.R.C. BUFFER AREA  
0.8921 OF ONE ACRE  
38,860 SQ. FT.



STANDARD LAND SURVEY  
OF  
**10.5974 ACRES**  
SITUATED IN TRACT 29-1-72  
AREA 6-Q, LOTS 16, 16-A, 16-B, 16-C,  
17, 17-1, & 17-A  
POSSUM KINGDOM LAKE  
S.P. RR CO. SURVEY, ABSTRACT 420  
PALO PINTO COUNTY, TEXAS

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REVISED: 05/21/10 SHEET 3 OF 5

Date: 12/31/09 Project No. 60102581.02 60052528 R127ByR1.dwg

S.P. RR Co. SURVEY, ABSTRACT 420

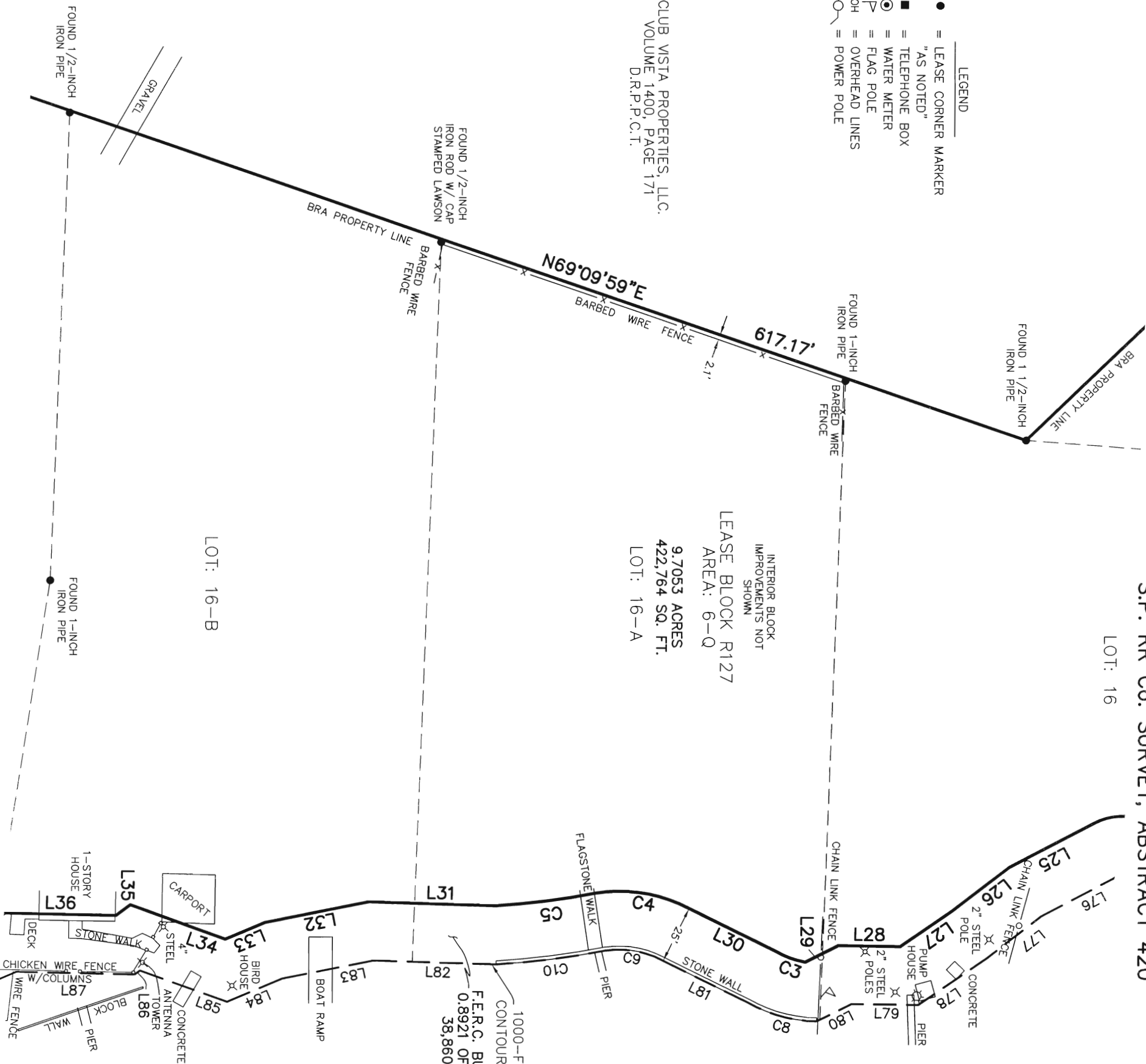
LOT: 16

- LEGEND
- = LEASE CORNER MARKER "AS NOTED"
  - = TELEPHONE BOX
  - ⊙ = WATER METER
  - ⊓ = FLAG POLE
  - OH = OVERHEAD LINES
  - = POWER POLE

CLUB VISTA PROPERTIES, LLC.  
VOLUME 1400, PAGE 171  
D.R.P.C.T.

LEASE BLOCK R127  
AREA: 6-Q  
9.7053 ACRES  
422,764 SQ. FT.  
LOT: 16-A

LOT: 16-B



1000-FOOT  
CONTOUR LINE  
FER.C. BUFFER AREA  
0.8921 OF ONE ACRE  
38,860 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.



STANDARD LAND SURVEY  
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SITUATED IN TRACT 29-1-72  
AREA 6-Q, LOTS 16, 16-A, 16-B, 16-C,  
17, 17-1, & 17-A  
POSSUM KINGDOM LAKE  
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Date: 12/31/09

Project No. 60102581.02

60052528  
R127B/R1.dwg

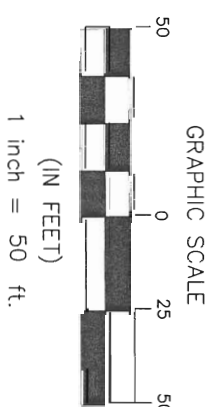
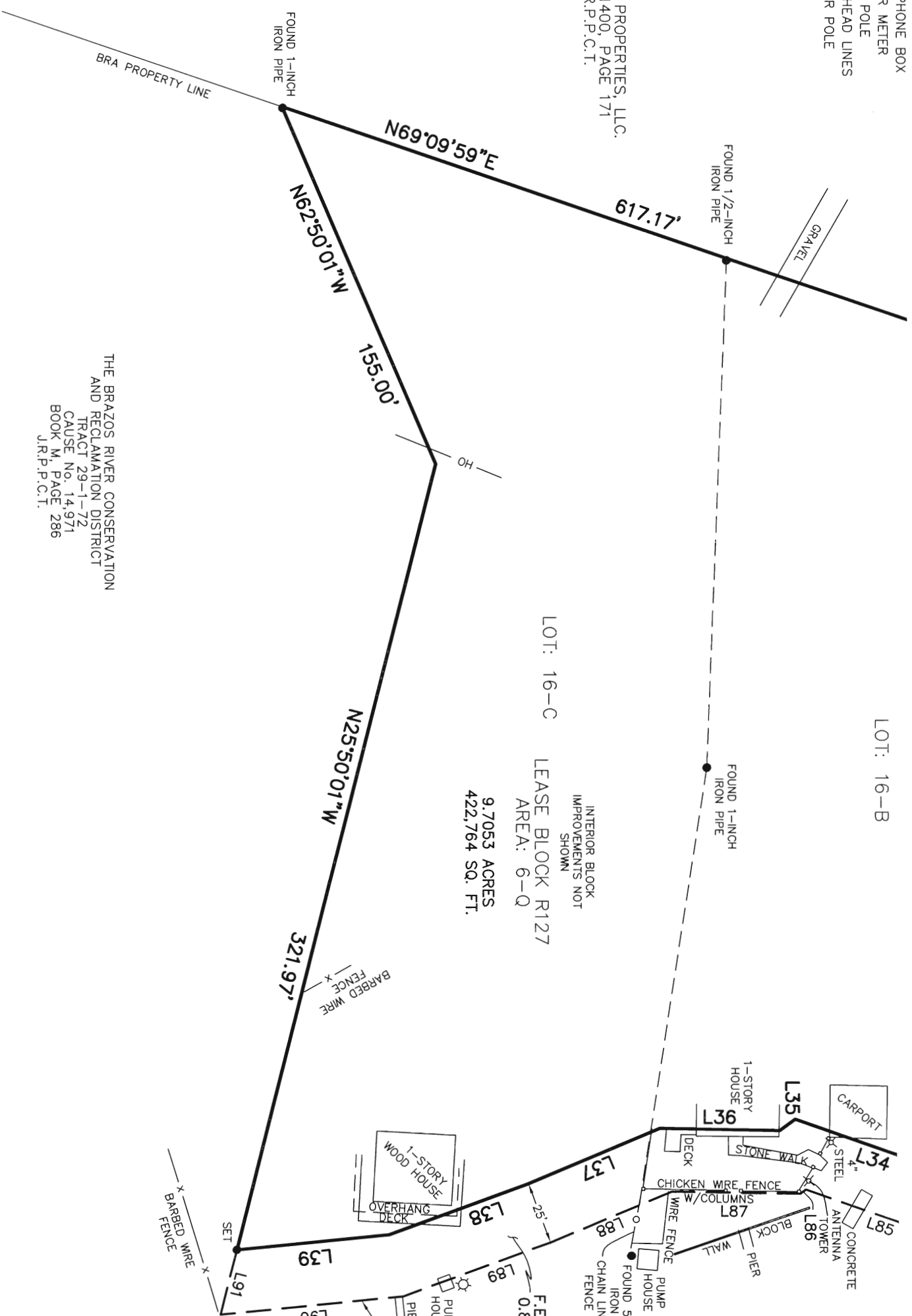
REVISED: 05/21/10  
SHEET 4 OF 5

S.P. RR Co. SURVEY, ABSTRACT 420

- LEGEND
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CLUB VISTA PROPERTIES, LLC.  
VOLUME 1400, PAGE 171  
D.R.P.C.T.

THE BRAZOS RIVER CONSERVATION  
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TRACT 29-1-72  
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J.R.P.C.T.



**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.

LOT: 16-C  
LEASE BLOCK R127  
AREA: 6-Q  
9.7053 ACRES  
422,764 SQ. FT.

LOT: 16-B

STANDARD LAND SURVEY  
OF  
**10.5974 ACRES**  
SITUATED IN TRACT 29-1-72  
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