

PLAT OF SURVEY
A 34.076 ACRE TRACT IN THE NE1/4 NE1/4
OF SECTION 16 AND THE NW1/4 NW1/4 OF
SECTION 15, T.16.S, R.11.E, N.M.P.M.
OTERO COUNTY, NEW MEXICO
JUNE 2013

A 34.076 ACRE TRACT OF LAND IN THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER (NE1/4 NE1/4) OF SECTION 16, AND THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER (NW1/4 NW1/4) OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 11 EAST, NMPM, OTERO COUNTY, NEW MEXICO, LYING GENERALLY EAST AND WEST OF KARR CANYON ROAD, NORTH AND EAST OF HUMMINGBIRD LANE, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A FOUND BRASS CAP FOR THE SECTION CORNER COMMON TO SECTIONS 9, 10, 15, & 16, T16S, R11E, NMPM, FOR A POINT ON THE NORTH LINE OF THIS TRACT; THENCE FROM THE POINT OF BEGINNING, S88°30'46"E, A DISTANCE OF 726.00 FEET; THENCE, S16°45'13"W, A DISTANCE OF 638.58 FEET; THENCE, S40°20'46"E, A DISTANCE OF 944.79 FEET; THENCE, N88°09'09"W, A DISTANCE OF 592.34 FEET; THENCE, N88°32'54"W, A DISTANCE OF 224.36 FEET TO A POINT ON A CURVE ON THE WEST LINE OF KARR CANYON ROAD; THENCE, ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 177.26 FEET, THROUGH A CENTRAL ANGLE OF 12°17'14", AN ARC LENGTH OF 38.01 FEET, AND HAVING A CHORD THAT BEARS N05°36'43"E, A DISTANCE OF 37.94 FEET TO A POINT OF REVERSE CURVATURE; THENCE, ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 177.29 FEET, THROUGH A CENTRAL ANGLE OF 15°55'20", AN ARC LENGTH OF 49.27 FEET, AND HAVING A CHORD THAT BEARS N03°47'40"E, A DISTANCE OF 49.11 FEET; THENCE, N04°10'00"W, A DISTANCE OF 54.53 FEET; THENCE, S62°10'20"W, A DISTANCE OF 118.74 FEET TO A POINT OF CURVATURE; THENCE, ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 180.61 FEET, THROUGH A CENTRAL ANGLE OF 27°20'10", AN ARC LENGTH OF 86.17 FEET, AND HAVING A CHORD THAT BEARS S75°50'25"W, A DISTANCE OF 85.35 FEET TO A POINT OF TANGENCY; THENCE, S89°30'30"W, A DISTANCE OF 474.89 FEET; THENCE, ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 250.06 FEET, THROUGH A CENTRAL ANGLE OF 94°20'07", AN ARC LENGTH OF 411.72 FEET, AND HAVING A CHORD THAT BEARS N43°18'29"W, A DISTANCE OF 366.77 FEET TO A POINT OF REVERSE CURVATURE; THENCE, ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 1020.86 FEET, THROUGH A CENTRAL ANGLE OF 24°18'50", AN ARC LENGTH OF 433.21 FEET, AND HAVING A CHORD THAT BEARS N08°20'46"W, A DISTANCE OF 429.97 FEET TO A POINT OF TANGENCY; THENCE, N20°29'08"W, A DISTANCE OF 77.40 FEET; THENCE, N89°09'01"E, A DISTANCE OF 532.89 FEET; THENCE, N00°19'19"E, A DISTANCE OF 244.94 FEET; THENCE, N32°21'09"W, A DISTANCE OF 75.40 FEET; THENCE, N39°16'38"W, A DISTANCE OF 232.01 FEET; THENCE, N89°17'37"E, A DISTANCE OF 316.75 FEET TO THE POINT AND PLACE OF BEGINNING, ENCLOSING 34.076 ACRES OF LAND, MORE OR LESS.

FILED
 STATE OF NEW MEXICO)
 COUNTY OF OTERO)
 RECORDED IN THE OFFICE OF THE COUNTY CLERK AND EX-OFFICIO RECORDER
 OF OTERO COUNTY, NEW MEXICO,

AT 11:10 O'CLOCK, A.M., THIS 28 DAY OF

June, 2013

Denise Guerra COUNTY CLERK

BY Sylvia Estrada

INSTRUMENT RECORD NO.: 201305642



SCALE: 1" = 100'
 0 50 100 200



NOTES
 1) BASIS OF BEARING IS THE SAME AS THE RECORDED PLAT OF GRAHAM SUMMARY SUBDIVISION, FILED FOR RECORD ON JANUARY 23, 2013, INSTRUMENT #201300577, AND IS GRID NORTH USING GLOBAL POSITIONING SYSTEM SURVEYING EQUIPMENT WITH THE BASE SET ON A FOUND ALUMINUM CAP BEING THE COMMON CORNER FOR LOTS 18, 19, 21, & 22, SECTION 3, T16S, R11E, AT LATITUDE=32°56'42.35" LONGITUDE=105°48'31.94"
 2) DISTANCES AND BEARINGS ARE BOTH FIELD (F) AND RECORD (R) UNLESS OTHERWISE NOTED AND MATCH THOSE OF THE RECORDED DEEDS SURROUNDING SAID 34.076 ACRE TRACT.

A 34.076 ACRE TRACT IN THE NE1/4 NE1/4 OF SECTION 16 AND THE NW1/4 NW1/4 OF SECTION 15, T16S, R11E

SECTION 16
 SECTION 15
 N01°01'30"E
 1313.19' (CAP TO CAP)

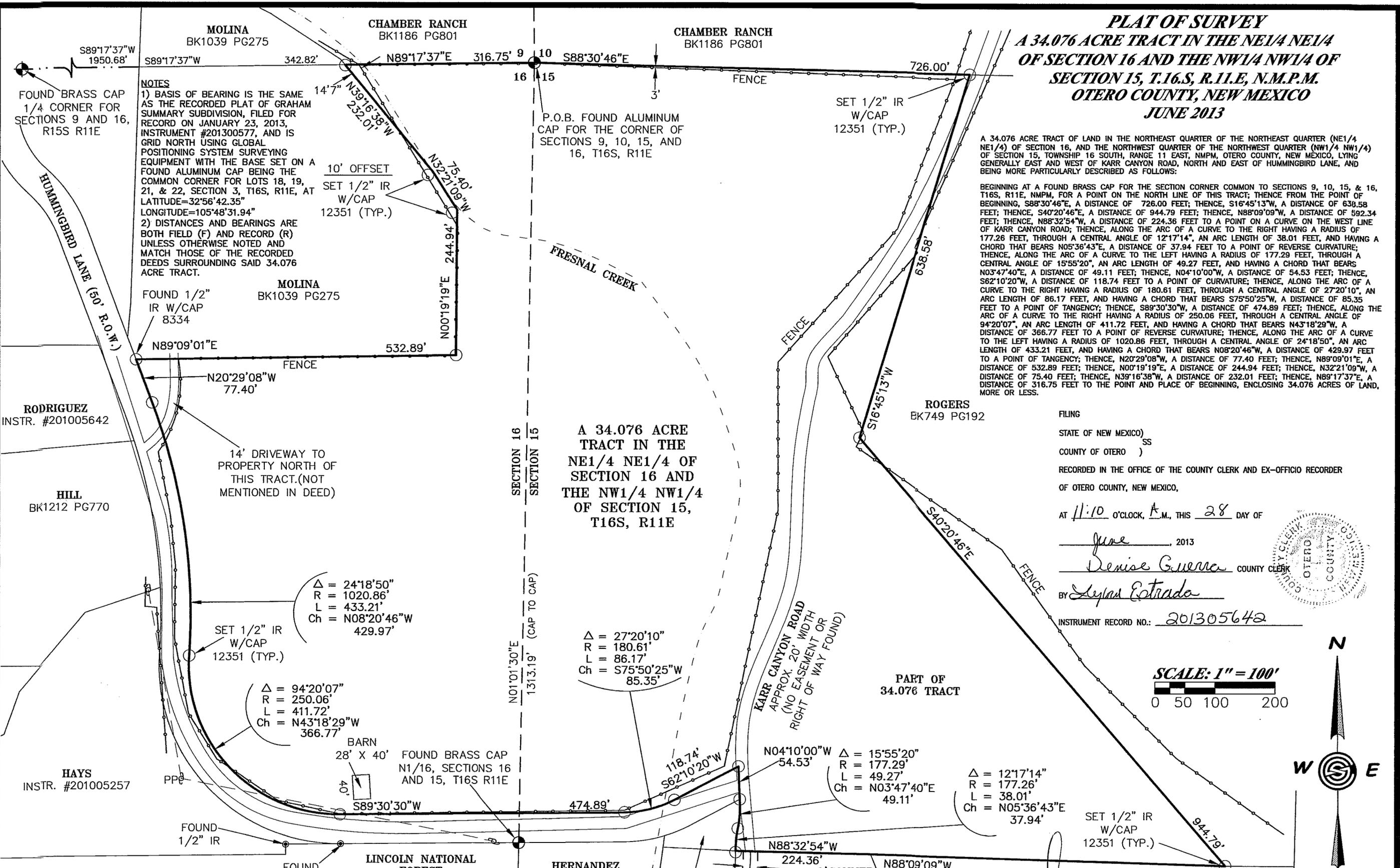
Δ = 27°20'10"
 R = 180.61'
 L = 86.17'
 Ch = S75°50'25"W
 85.35'

Δ = 24°18'50"
 R = 1020.86'
 L = 433.21'
 Ch = N08°20'46"W
 429.97'

Δ = 94°20'07"
 R = 250.06'
 L = 411.72'
 Ch = N43°18'29"W
 366.77'

Δ = 15°55'20"
 R = 177.29'
 L = 49.27'
 Ch = N03°47'40"E
 49.11'

Δ = 12°17'14"
 R = 177.26'
 L = 38.01'
 Ch = N05°36'43"E
 37.94'



Construction Surveying Services
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SURVEYOR'S CERTIFICATE

I, STEVEN SANDOVAL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 12351, DO HEREBY CERTIFY THAT THIS BOUNDARY SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS A BOUNDARY SURVEY PLAT OF AN EXISTING TRACT OR TRACTS.

STEVEN SANDOVAL PS NO. 12351 DATE 6/27/13



CSS Proj. No. 13-596 Sheet 1 of 1