

A RECORD OF SURVEY FOR A BOUNDARY LINE ADJUSTMENT
 LOCATED IN THE NORTH HALF OF THE NORTHWEST QUARTER OF SECTION 1, TOWNSHIP 4 NORTH RANGE 36 EAST, OF THE WILLAMETTE MERIDIAN, THE NORTH HALF OF THE NORTHEAST QUARTER OF SECTION 2, TOWNSHIP 4 NORTH, RANGE 36 EAST OF THE WILLAMETTE MERIDIAN, THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER SECTION 35 AND THE SOUTHWEST QUARTER OF SECTION 36 OF TOWNSHIP 5 NORTH, RANGE 36 EAST OF THE WILLAMETTE MERIDIAN, UMATILLA COUNTY, OREGON.

NARRATIVE
 THIS BOUNDARY LINE ADJUSTMENT WAS DONE AT THE REQUEST OF TED REID TO ADJUST THE BOUNDARIES BETWEEN TAX LOTS 6700 AND 7100 ON MAP 5N36 AND TAX LOT 200 ON MAP 4N 36 AS SHOWN HEREON.

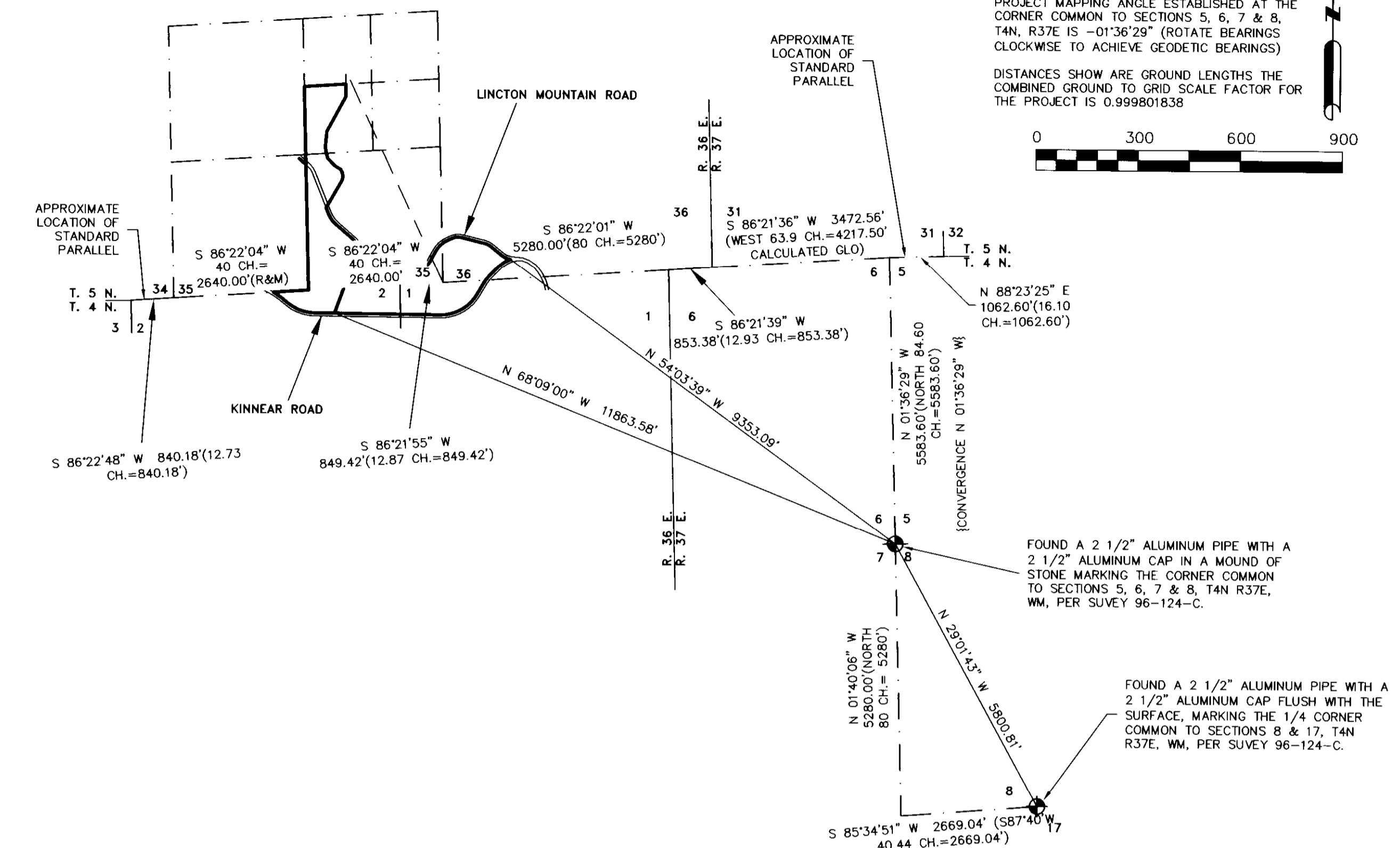
NO EVIDENCE OF THE ORIGINAL CORNERS ALONG THE 2ND STANDARD PARALLEL WERE FOUND IN THE AREA OF THE SURVEY AND THERE ARE CONFLICTING CLOSING MEASUREMENTS FROM THE ADJACENT ORIGINAL SURVEYS. THE CLOSING DISTANCE TO THE PARALLEL ON THE EAST LINE OF T4N R36E MEASURED BY DEPUTY SURVEYOR WILLIAM ODELL IS 68.35 CHAINS. THE CLOSING DISTANCE TO THE STANDARD PARALLEL ALONG THE LINE COMMON TO SECTIONS 5 AND 6, T4N R37E MEASURED BY DEPUTY SURVEYOR GEORGE PERSHIN IS 84.60 CHAINS. PERSHIN'S NOTES STATE THAT HE FOUND NO EVIDENCE OF THE CORNER COMMON TO SECTIONS 1 & 12, T4N R36E AND SECTIONS 6 & 7, T4N R37E AND HE RE-ESTABLISHED IT BY SURVEYING NORTH FROM THE CORNER COMMON TO SECTIONS 13 & 24, T4N R36E AND SECTIONS 7 & 18, T4N R37E. HE DID NOT SURVEY ANY FURTHER NORTH OR CLOSE ONTO THE STANDARD PARALLEL ALONG THE RANGE LINE. PERSHIN ALSO STATES THAT HE FOUND NO EVIDENCE OF THE CORNER ALONG THE STANDARD PARALLEL FOR SECTIONS 31, 32, OR 33. THE FIRST CORNER THAT HE ENCOUNTERED WAS THE SOUTHEAST CORNER OF SECTION 34. T5N, R37E. HE RE-ESTABLISHED THE CORNERS ALONG THE STANDARD PARALLEL RUNNING WEST FROM THE FIRST FOUND CORNER AS FAR AS THE SOUTHEAST CORNER OF SECTION 31, T5N, R37E. HE DID NOT SURVEY THE STANDARD PARALLEL ANY FURTHER WEST OR CLOSE ONTO THE SW CORNER OF THE TOWNSHIP. DEPUTY SURVEYOR PERSHIN'S NOTES STATE "I FOUND NO TRACE OF ANY EITHER HALF MILE OR MILE CORNERS ON THIS LINE WEST OF THE COR TO SECTIONS 34 & 35, AND I HAVE GOOD REASON TO BELIEVE THAT THEY WERE INTENTIONALLY REMOVED" HIS NOTES ALSO STATE "ALTHOUGH THE CLOSINGS ON THE OLD WORK ON THE WEST SIDE OF THE TOWNSHIP, SHOW SOME VERY MATERIAL ERRORS SOMEWHERE. I AM CONFIDENT THAT MY WORK IS APPROXIMATELY CORRECT AS I HAVE TAKEN EXTRA PAINS AND CARE"

EVIDENCE OF THE LOCATION OF THE STANDARD PARALLEL AND ANY SECTION LINES RUNNING NORTH OR SOUTH OF IT IS VERY SCARCE IN THE VICINITY OF THE SUBJECT SURVEY. HOWEVER, THERE IS INTERMITTENT EVIDENCE OF A FIELD OR FENCE LINE THAT DEED DISTANCES AND OCCUPATIONAL EVIDENCE INDICATE HAS BEEN HONORED AS THE HISTORICAL LOCATION OF THE LINE. THE RESULTING PARCEL THAT MR. REID WISHES TO RETAIN IS BOUNDED ON THE NORTH EAST AND SOUTH BY COUNTY ROADS, THEREFORE, I HAVE ACCEPTED THIS OCCUPATIONAL AND DEED EVIDENCE AS THE BASIS FOR THE AREA CALCULATIONS FOR THIS BOUNDARY LINE ADJUSTMENT AND MONUMENTED THE DIVIDING LINE AS SHOWN.

LINCOLN MOUNTAIN ROAD AND KINNEAR ROAD IS SHOWN AT THEIR CURRENT AS TRAVELED LOCATION. THE MARGINS SHOWN ARE FOR AREA CALCULATIONS ONLY AND DO NOT NECESSARILY REPRESENT THE ACTUAL LEGAL LIMITS OF THE COUNTY RIGHT OF WAY.

THIS SURVEY WAS PERFORMED IN DECEMBER 2013 USING TRIMBLE R6-4 GEODETIC GPS RECEIVERS USING RTK TECHNIQUES. THE STANDARD ERROR FOR THESE UNITS IS 8 MM + 2 PPM TIMES DISTANCE MEASURED.

SECTION DIAGRAM
 SCALE 1" = 2000'



BASIS OF BEARINGS
 BEARINGS SHOWN ARE OREGON COORDINATE SYSTEM NORTH ZONE GRID BEARINGS. THE PROJECT MAPPING ANGLE ESTABLISHED AT THE CORNER COMMON TO SECTIONS 5, 6, 7 & 8, T4N, R37E IS -01°36'29" (ROTATE BEARINGS CLOCKWISE TO ACHIEVE GEODETIC BEARINGS)
 DISTANCES SHOW ARE GROUND LENGTHS THE COMBINED GROUND TO GRID SCALE FACTOR FOR THE PROJECT IS 0.999901838

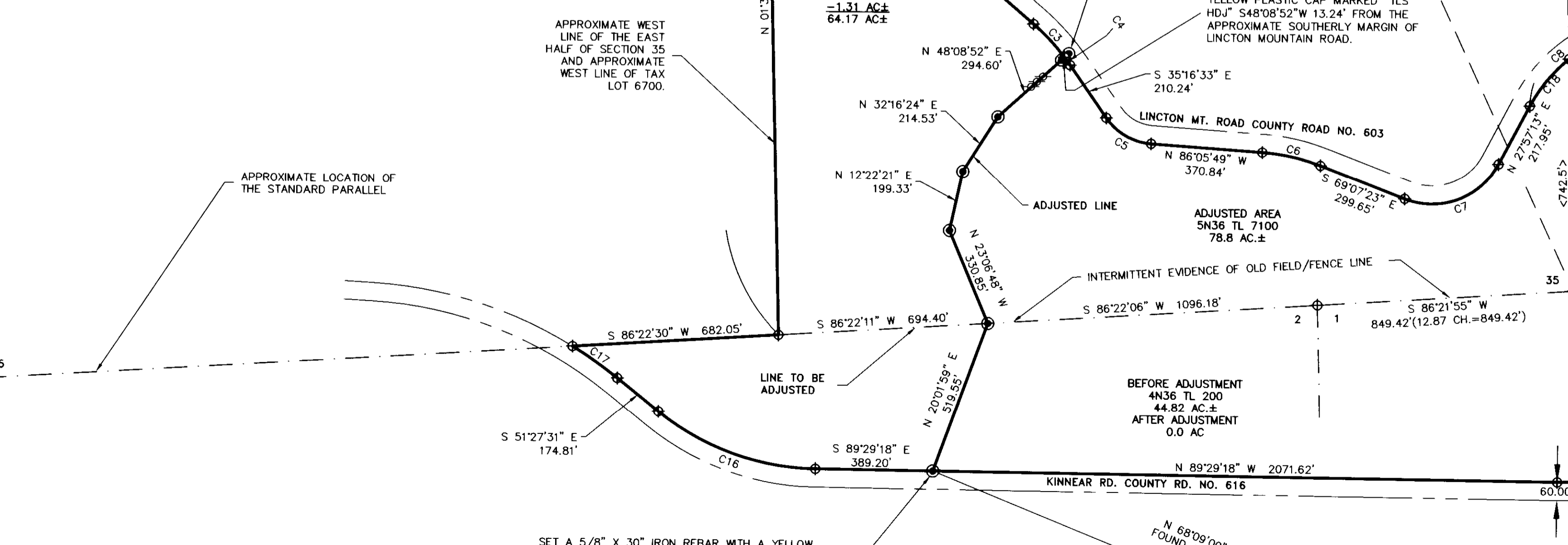
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	140.10'	300.06'	26°45'07"	S 35°27'27" E	138.83'
C2	273.72'	570.11'	27°30'31"	S 35°50'08" E	271.10'
C3	150.84'	730.14'	11°50'12"	N 43°40'18" W	150.57'
C4	31.57'	730.14'	2°28'39"	N 36°30'52" W	31.57'
C5	177.43'	200.04'	50°49'16"	N 60°41'11" W	171.67'
C6	198.53'	670.13'	16°58'26"	N 77°36'36" W	197.80'
C7	361.89'	250.05'	82°5'24"	S 69°24'55" W	331.12'
C8	341.64'	500.10'	39°08'30"	S 47°31'28" W	335.04'
C9	175.26'	275.05'	36°30'29"	S 85°20'58" W	172.31'
C10	148.01'	340.07'	24°56'15"	S 63°55'39" E	146.85'
C11	171.81'	390.08'	25°14'08"	N 64°04'35" W	170.42'
C12	327.38'	800.16'	23°26'33"	N 55°40'51" E	325.11'
C13	100.79'	686.14'	8°24'58"	S 39°45'05" W	100.70'
C14	58.95'	686.14'	4°55'21"	S 33°04'55" W	58.93'
C15	861.49'	824.16'	59°53'27"	N 60°33'58" E	822.80'
C16	562.97'	848.17'	38°01'47"	S 70°28'25" E	552.69'
C17	181.68'	1419.24'	7°20'02"	S 55°05'33" E	181.56'
C18	203.20'	500.10'	23°16'48"	N 39°35'17" E	201.80'
C19	138.45'	500.10'	15°51'42"	S 59°09'52" W	138.00'

REFERENCES

- UMATILLA COUNTY SURVEY 96-124-C.
- DEED BOOK 270, PAGE 379.
- DEED BOOK 282, PAGE 716.
- DEED INSTRUMENT NUMBER 2002-4140580
- UNITED STATES SURVEYOR GENERALS FIELD NOTES FOR THE SURVEY OF THE FIRST STANDARD PARALLEL NORTH BY DEPUTY SURVEYORS WILLIAM ODELL AND WILLIAM LEWIS UNDER THEIR CONTRACT DATED FEBRUARY 1865.
- UNITED STATES SURVEYOR GENERALS FIELD NOTES AND PLAT OF THE SURVEY OF T5N R36E BY DEPUTY SURVEYORS WILLIAM ODELL & WILLIAM LEWIS UNDER THEIR CONTRACT NO. 110 DATED FEBRUARY 1865.
- UNITED STATES SURVEYOR GENERALS FIELD NOTES AND PLAT OF THE SURVEY OF T4N R36E BY DEPUTY SURVEYOR WILLIAM ODELL UNDER HIS CONTRACT NO. 114 DATED JULY 1866
- UNITED STATES SURVEYOR GENERALS FIELD NOTES AND PLAT OF THE SURVEY OF T4N R37E BY DEPUTY SURVEYOR GEORGE PERSHIN UNDER HIS CONTRACT NO. 322 DATED JULY 1879.

LEGEND

- SECTION OR SECTION SUBDIVISION LINE
- ADJUSTED PARCEL LINE
- DEED LINE
- RIGHT OF WAY LINE BASED ON BEING 30' EACH SIDE OF THE CENTER OF THE AS-TRAVELED ROADWAY.
- FOUND SURVEY MONUMENT AS NOTED
- SET 5/8" X 30" IRON REBAR WITH A YELLOW PLASTIC CAP STAMPED "TLS HDJ" ATTACHED EXCEPT AS OTHERWISE NOTED.
- COMPUTED POSITION NOTHING FOUND OR SET.
- RECORD DIMENSION PER OFFICIAL GOVERNMENT LAND OFFICE SURVEYOR GENERALS RECORDS
- RECORD DIMENSION PER DEED BOOK 270, PAGE 379.
- RECORD DIMENSION PER DEED INSTRUMENT NUMBER 2002-4140580.
- PACIFIC POWER AND LIGHT TRANSMISSION LINE POLES



RECEIVED BY
 Umatilla County Surveyor
 Date: 01/06/2014
 Rec'd By: GEF
 No: 14-002-C

REGISTERED PROFESSIONAL LAND SURVEYOR
 Greg E. Flowers
 OREGON
 JUNE 30, 1997
 GREG E. FLOWERS
 02820LS
 RENEWS 12/31/15
 12/31/2013

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 306/695-3488
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 Internet: www.hdjdesigngroup.com

CLIENT: TED REID	PROJECT NO.: 3589-00
SURVEYOR: GREG E. FLOWERS	DATE: 12-10-2013
CALC BY: GEF	DRAWN BY: GEF
SECTION: 35	TOWNSHIP: 5 NORTH
CITY:	COUNTY: UMATILLA

SCALE: 1" = 300'
 RANGE: 36 EAST
 SHEET 1 OF 1