



CURVE	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C13	10°46'00"	1042.14'	195.83'	N27°22'08"W	195.54'
C14	20°20'00"	695.09'	246.68'	N32°09'08"W	245.38'
C15	09°34'00"	1042.14'	174.01'	N37°32'08"W	173.80'
C16	03°33'44"	1058.64'	65.82'	N 34°31'59" W	65.81'

LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L188	S37°47'05"E	131.62'	L192	S88°26'18"E	89.35'
L189	S33°03'44"E	86.45'	L193	S86°04'06"E	94.52'
L190	S45°51'25"E	137.39'	L194	S50°19'40"E	103.03'
L191	S88°26'18"E	89.35'	L195	S83°02'44"E	82.38'
L192	S88°44'55"E	63.29'	L196	S42°57'29"E	88.85'
L193	S80°04'06"E	94.52'	L197	S58°49'59"E	134.64'
L194	S50°19'40"E	103.03'	L198	S43°54'23"E	189.02'
L195	S83°02'44"E	82.38'	L199	S32°55'19"E	122.81'
L196	S42°57'29"E	88.85'	L200	S13°48'39"E	41.92'
L197	S58°49'59"E	134.64'	L201	S71°00'00"E	114.81'
L198	S43°54'23"E	189.02'	L202	S59°19'44"E	145.54'
L199	S32°55'19"E	122.81'	L203	S54°36'02"E	157.50'
L200	S13°48'39"E	41.92'	L204	S50°16'50"E	74.13'
L201	S71°00'00"E	114.81'	L205	N90°00'00"E	93.65'
L202	S59°19'44"E	145.54'	L206	N87°22'50"E	869.87'
L203	S54°36'02"E	157.50'	L207	N86°27'26"E	566.98'
L204	S50°16'50"E	74.13'			
L205	N90°00'00"E	93.65'			
L206	N87°22'50"E	869.87'			
L207	N86°27'26"E	566.98'			

LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L208	N87°49'39"E	197.94'	L212	N25°34'01"W	99.16'
L209	N86°34'03"E	218.51'	L213	N25°34'01"W	99.16'
L210	N86°56'06"E	197.92'	L214	N04°10'27"W	91.54'
L211	N85°40'45"E	273.29'	L215	N25°34'01"W	99.16'
L212	N86°24'01"E	356.22'	L216	N14°57'43"W	29.53'
L213	N86°25'07"E	273.22'	L217	N08°15'30"W	43.58'
L214	N86°56'06"E	286.58'	L218	N57°14'52"E	89.49'
L215	N88°29'32"E	223.71'	L219	S32°48'20"E	46.20'
L216	S88°40'30"E	124.86'	L220	S87°55'28"W	163.73'
L217	N64°17'07"E	70.08'	L221	N32°45'08"W	62.77'
L218	N45°23'15"E	62.15'	L222	S33°13'25"W	112.50'
L219	N87°34'34"E	38.33'	L223	N38°56'42"W	31.98'
			L224	N27°16'26"W	92.41'
			L225	N27°43'00"W	66.44'
			L226	N48°35'30"W	35.58'
			L227	N24°55'15"W	54.30'
			L228	N41°50'52"W	42.90'
			L229	N43°53'16"W	65.31'
			L230	N37°22'45"W	96.10'
			L231	N43°22'38"W	42.44'
			L232	N31°39'34"W	132.97'
			L233	N26°10'46"W	48.79'
			L234	N49°04'57"W	55.03'
			L235	N46°33'06"W	70.04'
			L236	N33°45'29"W	49.72'
			L237	N22°54'57"W	51.21'
			L238	N37°31'21"W	88.75'
			L239	N38°00'24"W	112.65'
			L240	N38°30'43"W	95.83'
			L241	N26°10'59"W	71.91'
			L242	N13°49'17"W	46.79'
			L243	N32°14'58"W	48.87'
			L244	S76°47'24"W	50.52'
			L245	S85°02'48"W	79.42'
			L246	N78°20'46"W	47.93'
			L247	N40°40'37"W	70.85'
			L248	N31°04'03"W	102.86'
			L249	N27°57'15"W	113.00'
			L250	N33°03'08"W	83.58'
			L251	N25°49'44"W	102.53'

BASIS OF BEARINGS
 BEARINGS SHOWN ARE GRID, BASED ON THE OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, AND DISTANCES SHOWN HAVE BEEN EXPANDED TO REPRESENT TRUE GROUND LENGTH.

NARRATIVE
 THIS SURVEY WAS PERFORMED AT THE REQUEST OF BOB BUCHANNAN TO PROPERLY DESCRIBE AND MONUMENT LANDS ACQUIRED FROM RANDY PERKINS AND AGREED WITH OTHER LANDS BY HIGH RIDGE PROPERTIES. THIS SURVEY WAS PERFORMED AS A COMBINATION STATIC AND REAL TIME KINEMATIC SURVEY USING TOPCON DUAL FREQUENCY GPS RECEIVERS WITH A PRECISION OF ONE CENTIMETER ± 1 PPM. MONUMENTS SHOWN, ORIGINALLY VISITED PER OUR 2006 SURVEY (06-206-C) AND 2008 SURVEY (PERKINS BLA SURVEY 08-161-B), WERE REVISITED DURING THE COURSE OF THIS SURVEY.

NOTE: SECTION SUBDIVISION LINES WERE DETERMINED FROM COUNTY SURVEY NO. 06-206-C.

PERKINS HARDER BOUNDARY NOTES
 1. CURRENT DEEDS STATE "THENCE TURNING TO THE LEFT AND RUNNING WESTERLY A DISTANCE OF 980.1 FEET MORE OR LESS TO THE NE CORNER OF THE SE 1/4 OF THE NW 1/4". THIS CALL IS VERY AMBIGUOUS AND WHEN RUN TO THE NE CORNER OF THE SE 1/4 OF THE NW 1/4 (ACCORDING TO THE CURRENT SECTION SUBDIVISION AS SHOWN) AN ISLAND OF HARDER LAND WEST OF DRY CREEK IS CREATED WITHIN THE PERKINS BOUNDARY. HOWEVER, THE DEED RECORDED IN BOOK 71, PAGE 559 STATES "THENCE TURNING 120 DEG. 50 MIN. TO THE LEFT, 14 CHAINS AND 85 LINKS MORE OR LESS TO THE POINT OF COMMENCING" (NE CORNER OF THE SE 1/4 OF THE NW 1/4). THIS DISTANCE OF THE 1/16 CORNER WHICH DIFFERS FROM THE POSITION OF THE CORNER SHOWN HEREIN IS SUPPORTED BY THE SURVEY RECORDED IN BOOK 1 OF SURVEYS AT PAGE 93.

RAILROAD NOTES
 1. AS SHOWN ON OWR&N MAP ON FILE IN CO. SURVEYOR OFFICE, THE RAILROAD RIGHT OF WAY IS 16.5' WEST OF CENTERLINE, AND 49.5' EAST OF CENTERLINE.
 2. RAILROAD STATIONING FOR PURPOSES OF DETERMINING THE LOCATION OF BRIDGE NO. 41 DESCRIBED AS BEING SURVEYED BY VOLLMEYER TO PERKINS RECORDED JANUARY 12 2005 AS DOCUMENT NO. 2005-4750550 WHICH WAS DETERMINED BY HOLDING THE SOUTHERLY END OF THE TANGENT SECTION OF TRACK AS STATION 473+72.6 AS SHOWN ON THE OWR&N RIGHT OF WAY MAP. THIS STATIONING WAS FURTHER CONFIRMED BY THE LOCATION OF THE EXISTING PRIVATE CROSSING SHOWN AS BEING LOCATED BETWEEN STATIONS 461+82 AND 462+37.

FENCE CORNER NOT VISITED AT THE TIME OF THIS SURVEY. LOCATION COMPUTED FROM COUNTY SURVEY 05-112-C. I HAVE HELD THIS AS REPRESENTATIVE OF THE SOUTH 1/4 CORNER OF SECTION 17 FOR AREA CALCULATIONS ONLY.

S.E. CORNER OF SECTION 17 NOT VISITED AT THE TIME OF THIS SURVEY. LOCATION COMPUTED FROM COUNTY SURVEY 05-112-C.

<p>USKH W.O. 808444, County Surveyor</p> <p>PROJECT: A BOUNDARY ADJUSTMENT SURVEY BETWEEN TAX LOT 800, 802, 803 AND 1100, LOCATED IN S3, BEING S & SEC. 17, S. 1/2, SEC. 9 AND SEC. 17, ALL IN TOWNSHIP 52 NORTH OF RANGE 35 EAST, W.M., UMATILLA COUNTY, OREGON</p>	<p>CLIENT: BOB BUCHANNAN, NORTH SLOPE PROPERTIES, 83501 LOWER DRY CR. RD., MILTON FREEWATER, OR 97862</p>	<p>ARCHITECT/ENGINEER: USKH</p> <p>DATE: 2/14/09</p>	<p>REGISTERED PROFESSIONAL LAND SURVEILLOR</p> <p>PAUL W. TOMKINS</p> <p>DATE: 2/14/09</p>
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