

DATE OF SURVEY: November 30, 2010

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Stephan Barott

OREGON
JULY 26, 1988
STEPHAN L. BAROTT
2332

MY CERTIFICATE EXPIRES: 12-31-2011

MILSTEAD "ODOT NETWORK ADJUSTED" GPS CONTROL -580 HAWK GULCH LANE, MEDFORD, OR 97501

MILSTEAD "UDOT NETWORK ADJUSTED" GFS CONTROL -380 HAWR GULCH LANE, MEDITORD, OR 97301						
STATION	ELEVATION NAVD88 (FEET)	NORTHING (OCRS GRANTS PASS- ASHLAND) INTERNATIONAL FEET	EASTING (OCRS GRANTS PASS- ASHLAND) INTERNATIONAL FEET	LATTTUDE (NORTH) NAD 83 CORS 96 (EPOCH 2002)	LONGITUDE (WEST) NAD 83 CORS 96 (EPOCH 2002)	DESCRIPTOR
GPS1	2256.62	190058.25	274145.81	42°16'14.88209" N	122°55'35.61780" W	LS944 REBAR & CAP
GPS2	2298.90	190235.81	273888.90	42°16'16.64812" N	122°55'39.02334" W	SBLS CONTROL
GPS3	2311.72	190323.78	273780.11	42º16'17.52218" N	122°55'40.46469" W	SBLS CONTROL
GPS4	2014.23	190703.89	275247.17	42º16'21.20729" N	122°55'20.92860" W	SBLS CONTROL
GPS5	2039.93	190618.93	275106.42	42°16'20.37486" N	122°55'22.80610" W	SBLS CONTROL
GPS6	1742.00	190779.30	277341.98	42°16'21.85142" N	122°54'53.06263" W	SECTION CORNER 500500 LS2339 REBAR & CAP
GPS11	2307.29	189456.10	273359.66	42°16'08.97111" N	122°55'46.11124" W	
GPS12	2303.59	189390.66	273360.12	42°16'08.32470" N	122°55'46.10926" W	(NW 1/16-420460) LS2339 REBAR & CAP
OD040	2275 65	400706 00	272240 62	40046'04 24704" N	4000EEIAE 46E9D!! \A/	(W 1/16-420500-NW
GPS19	2275.65	190706.00			122°55'46.16588" W 122°55'21.71507" W	LS944 REBAR & CAP
GPS20 GPS21	2077.42	190229.96 190074.21				SBLS CONTROL
GPS21	2241.93	190668.75				SBLS CONTROL
GPS23	2221.91	190667.80			122°55'29.96574" W	

CONVERGENCE ANGLE @ GPS19> GPS11 (0º16'18")	
GRID BEARING = S 00°27'36" E	
GEODETIC = S 00°11'18" E	
C.S. 11784 = S 00°07'13" E	

A paved access road across my client's property for the benefit of tax lot 2300 was found and tied to this survey. A tie to the beginning and ending points are shown on the plat. A description of the existing centerline is on file with this office. It must be noted that the easement is 12 wide. This existing roadway is wider than 12 feet at several locations, specifically near the northern end where a "turnout," or wide area has been used by the neighbors. The neighbor states a gate will be constructed along the section line and road crossing, but none exists at this time. Refer to Document No. 2002-053474.

Random traverse points along the surveyed lines are marked with ½" X 15" iron pins with blue plastic caps stamped "SBLS CONTROL." Offsets were made and points along the property boundary were marked with 60P spikes with "pink stakes chasers" attached, with 4 foot lath painted orange alongside. The client will add T-iron fence posts at each spike location. A fence may be built around the entire property at a later date.

EQUIPMENT:

Equipment utilized throughout this survey include a Leica TCRP-1203 Electronic Total Station and Leica Smartstation RTK GPS- coordinates adjusted utilizing Oregon Department of Transportation (ODOT) GPS network (ORGN).

GPS coordinates are on file for many of the traverse points. A few of the control points at convenient locations are as shown in the following spreadsheet. Coordinates are "network adjusted" utilizing Oregon Department of Transportation's ORGN, and are NAD83 (CORS96-Epoch 2002). Elevations are NAVD88. Average conversion from NGVD29 to NAVD88 is 3.41 feet. Parameters for the OCRS coordinates system are on file with this office, or can be obtained from the OCRS Handbook and Users Guide available on the Oregon Department of Transportation's Geometronics web page.

U.S. Patent No. 153 was issued to the Oregon and California Railroad Company for the E1/2 of the NW1/4 of Section 15 (under the O & C Railroad Grant authority of July 25, 1866) on 1/5/1900. A portion of the Milstead property is in the NE1/4NW1/4 of Section 15.

A dependent resurvey of the North line of Section 15 was performed by Charles H. Hurst in March of 1974. Refer to C.S. 5621.

A dependent resurvey of a portion of the West line of DLC No. 48 (a portion of my clients East boundary) in Section 15 was performed by Larry J. Friar in March of 1978. Refer to C.S. 7171.

Major Land Partition that created Parcel 2 (current tax lot 223) was surveyed by Loyd Moffit during C.S. 8118 dated December 5, 1979. This parcel is identical with a portion of my client's South boundary, and is generally parallel and southerly of an existing roadway.

Major Land Partition that created and/or renumbered Parcels 1-4 (current tax lot 221, 223, 224, and 218) was surveyed by Loyd Moffit during C.S. 11065 dated August, 1986. This survey created Hawk Road and Hawk Gulch Lane and identified the majority of my client's southerly boundary.

Major Land Partition that created Parcel-1, my client's current parcel (tax lot 208) was surveyed by David A. Edwards during C.S. 11784 dated August 29, 1989. During this survey, Edwards established monuments along the Southwest portion of my clients parcel and tied to the Moffit surveys C.S. 8118 and 11065. Edwards established a position for the West 1/16 Corner for Sections 10 and 15 (my client's NW corner) but did not set a monument. Edwards surveyed and established said W 1/16 Corner during C.S. 12730 dated October 10, 1991.

These surveys listed above refer to other surveys of record, but they are not critical to locate my client's parcel.

PROCEDURE:

Prior to commencement of this survey, deed records of the Milstead property as well as the adjacent properties were evaluated. Surveys of Record were also evaluated. All corner positions had been previously established with the exception of a monument at the Northeast corner of my client's property. Said Northeast corner is located at the intersection of the West line of DLC No.48 and the Section line between Sections 10 and 15.

Traverses were run between all found monuments utilizing an Electronic Total Station as well as survey grade GPS. All corner points found agree with the legal description and surveys of record for the most part. The client did not require me to mark the line southerly of their access road (adjacent to tax lots 223 and 221). Several of the Moffit monuments set along these lines were found but not directly tied to this current survey, other than to note the client's driveway is clearly on their property. Portions of an old wire fence, or perhaps more than one fence, and T-iron fence posts were found in the vicinity of the north line. In particular, the fence near GPS points 22 and 23 were found 40 feet more or less onto my client's property. Wire fences were also found along the East boundary. In general, these Easterly fences follow the property boundary within a foot, or less.

This survey Consides of

SURVEYED FOR: BEN & KAHTY MILSTEAD

580 HAWK GULCH LANE MEDFORD, OR 97501

SURVEYED BY:

SBLS

STEPHAN BAROTT LAND SURVEYING

1446 ST. ANDREW WAY MEDFORD, OREGON 97504

LOCATION: Township 38 South, Range 2 West, Northeast 1/4 of the Northwest 1/4, and the Northwest 1/4 of the Northeast 1/4 of Section 15, Willamette Meridian, Jackson County, Oregon. (Jackson County Tax Records 38-2W-15- TL 208).

BASIS OF BEARING: Grid bearing from GPS-Oregon Coordinate Reference System (OCRS) Zone Grants Pass-Ashland (W $1/16 S10 \& 15 \rightarrow NW 1/16 S15$, or GPS19 to GPS11).

PURPOSE: The purpose of this survey is to identify the Milstead parcel as described in document No. 2010-016448, Official Records of Jackson County, Oregon.

HISTORY OF SURVEYS AND PATENTS:

The history of surveys of T.38 S., R.2 W. pertaining to this survey is as follows:

The original subdivision of Township 38 South, Range 2 West was performed by Butler Ives under General Land Office Contract No. 47 dated July 30, 1855.

The original boundary of Donation Land Claim (DLC) No. 48 (Joseph F. Griffin –U.S. patent # 987 dated 5/24/1867) adjacent to the East boundary of the Milstead property and Government Lot 4, was surveyed by Sewall Truax in 1855.

U.S. Patent No. 256 was issued to Silas Hawk for Government Lots 2, 3, and 4 and the NE1/4SW1/4 of Section 15 (under the Homestead Act authority of May 20, 1862) on 10/25/1872. A portion of the Milstead property is in Government Lot 4.