TOWNSHIP 20 SOUTH, RANGE 6 WEST, OF THE WILLAMETTE MERIDIAN, OREGON

DEPENDENT RESURVEY AND RETRACEMENT

Sec. 2 | Sec. 1 | Sec. 6

R. 6 W. / R. 5 W.

Resurveyed by William W. Glenn in 1962

S.89°20'W. 2628.78'

S.89°19'16"W. 2626.23'

1314.80' S.0°55'34"E.

1316.70' N.0°01'E.

2679.60' N.0°16'E.

Resurveyed by Floyd A. Brooks and Timothy A. Kent in 1967-71

Sec. 11 | Sec. 12 | Sec. 7

2649.25' S.89°52'23"W.

2649.49' S.89°52'11"W.

Sec. 14 | Sec. 13 | Sec. 18

Latitude 43°50'17.87"N.
Longitude 123°20'53.80"W.
(NAD 1983 (91))

(A) The cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, (alongside of which is an iron pipe, 5/8 in. diam., firmly set, projecting 12 ins. above ground), with brass cap mkd. as reported by Brooks and Kent in 1967-71; from which the remains of bearing trees mkd. by Glenn

A fir, 31 ins. diam., bears N. 2 1/4° E., 36.8 ft. dist., with a healed blaze. (Record, N. 1 1/2° E.)

A Yew, 11 ins. diam., bears S. 67 3/4° E., 42.9 ft. dist., with a healed blaze.

A fir stump, 19 ins. diam., bears N. 56 1/2° W., 104.3 ft. dist., no marks. (Record, N. 57 1/2° W.)

and a bearing tree by person(s) unknown

A fir, 17 ins. diam., bears S. 6 1/2° W., 14.2 ft. dist., with a healed blaze.

and a new bearing tree

A fir, 9 ins. diam., bears S. 71 3/4° W., 31.2 ft. dist., mkd. T20S R6W S13 BT.

No suitable trees available in section 12.

From this corner, the Lane County Geodetic Control Station, LCCM-1268, established by the Lane County Surveyor's Office in 1998, at latitude 43° 50' 24.645" N. and longitude 123° 21' 27.530" W. (NAD 1983 (91)), bears N. 74° 30' 00" W., 2565.40 ft. dist. (mean bearing and sea level distance), monumented with a brass tablet, 2 1/2 ins. diam., firmly set in concrete, flush to the top of the ground, with brass cap mkd. LCCM-1268 1998.

(B) The 1/4 sec. cor. of secs. 12 and 13, restablished by proportionate measurement, by William A. Eimstad, Registered Land Surveyor No. 377, in 1974, recorded in Lane County Survey File No. 18412. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner; monumented with a galvanized iron rod, 5/8 in. diam, 8 ins. long, firmly set, projecting 12 ins. above the ground, from which the bearing trees by Eimstad

A fir, 22 ins. diam., bears S. 57 1/2° E., 47.3 ft. dist., with a healed blaze.

A fir, 17 ins. diam., bears S. 86 1/4° W., 42.2 ft. dist., with a healed blaze.

and a bearing tree mkd. by person(s) unknown

An alder, 13 ins. diam., bears N. 18° W., 12.0 ft. dist., no marks visible.

At the corner point, set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 20 S R 6 W
S 12
1/4
S 13
2006

Deposit a magnet, in a white plastic case at the base and iron rod alongside of the stainless steel post.

Set a steel fence post, 5 ft. long, alongside.

(C) The cor. of secs. 11, 12, 13, and 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. as reported by Glenn in 1962; from which the remains of original bearing trees

A cedar, 45 ins. diam., bears S. 34° E., 25.1 ft. dist., with a healed blaze.

A hemlock, 28 ins. diam., bears S. 50 1/4° W., 17.2 ft. dist., with scribe marks 14 BT visible on partially opened blaze.

and bearing trees mkd. by Weyerhaeuser Timber Company and reported by Glenn

A hemlock, 25 ins. diam., bears N. 60 1/2° E., 43.2 ft. dist., no marks visible. (Record, N. 61 1/2° E.)

A hemlock, 37 ins. diam., bears S. 33° W., 27.4 ft. dist., no marks visible.

A hemlock, 21 ins. diam., bears N. 63° W., 57.4 ft. dist., no marks visible. (Record, N. 64° W.)

and bearing trees mkd. by Glenn

A hemlock, 24 ins. diam., bears N. 54° E., 76.2 ft. dist., no marks visible. (Record, N. 56 1/2° E., 75.2 ft.)

A hemlock, 25 ins. diam., bears N. 65 1/2° W., 62.0 ft. dist., no marks visible.

This plat represents the entire record of a dependent resurvey of a portion of the subdivisional lines, designed to restore the corners in their true original locations according to the best available evidence, and the retracement of a portion of the subdivisional lines, T. 20 S., R. 6 W., Willamette Meridian, Oregon.

The history of surveys pertaining to this survey is as follows:

In 1854, Harvey Gordon, U.S. Deputy Surveyor, surveyed the east boundary of the township.

In 1872, J. H. McClung, U.S. Deputy Surveyor, surveyed the subdivisional lines.

In 1962, William W. Glenn, Cadastral Surveyor, dependently resurveyed a portion of the subdivisional lines, subdivided sec. 1 and remonumented certain original corner points without survey.

In 1967-71, Floyd A. Brooks and Timothy A. Kent, Cadastral Surveyors, dependently resurveyed a portion of the east boundary.

The survey and retracement were executed by Daniel N. Patterson, Cadastral Surveyor, beginning May 3, 2006 and completed June 29, 2006, pursuant to Special Instructions dated May 4, 2005, approved May 5, 2005, for Group Number 2116, Oregon, under Assignment Instructions dated April 24, 2006; and pursuant to Special Instructions for Group 2100, dated March 8, 2004, approved March 8, 2004, and Group 2300, dated March 16, 2007, approved March 21, 2007; under Assignment Instructions dated April 24, 2006 and Group 2100 re-Assignment dated March 16, 2007. He was assisted by Matthew H. Goins and David A. Moore, Laborers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. The retracement data were thoroughly verified and only the true line field notes are given hereon.

The directions of the lines are based upon the true meridian as determined by direct solar observation.

An analysis of the unadjusted field data assured a closure not exceeding 1:4000 in error. Measured distances and directions have been adjusted by computer software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

The official lottings and areas are as shown on the plat accepted January 23, 1873.

All new bearing trees have a 2 1/2 inch x 1/4 inch nail driven at the base on right side center, unless otherwise noted in the corner description.

The description of the North 1/16 section corner of sections 12 and 7, on the east boundary of the township, is as described by Brooks and Kent in 1967-71. The description of the 1/4 section corner of sections 1 and 12 is as described by Glenn in 1962.

The geodetic position noted hereon was determined from a terrestrial tie to Lane County GPS control station LCCM-1268.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Portland, Oregon

I, Daniel N. Patterson, Cadastral Surveyor, HEREBY CERTIFY upon honor that in pursuance of Special Instructions bearing the date of the 4th day of May, 2005, the 8th day of March, 2004, and the 16th day of March, 2007, I have dependently resurveyed a portion of the subdivisional lines; and retraced a portion of the subdivisional lines in Township 20 South, Range 6 West, Willamette Meridian, Oregon. Said retracement has been executed in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described on this plat.

Daniel N. Patterson
Cadastral Surveyor

8-19-08
Date

LEGEND

◇ Original corner previously remonumented

□ Corner previously established or reestablished

■ Corner previously established or reestablished; remonumented this survey

The resurvey and retracement represented by this plat, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

John P. Tarnsworth, Acting
Chief Cadastral Surveyor of Oregon

August 26, 2008
Date

600 300 0 600 1200 1800 2400 3000 3600 4200 4800
Scale in Feet

JJ