

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION
OF THE SUBDIVISIONAL LINES,
TOWNSHIP 27 SOUTH, RANGE 4 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

A. Bert Skeesick, Cadastral Surveyor

Robert H. Browning, Surveying Technician

Under Special Instructions dated February 14, 2008,
approved February 15, 2008, which provided for the surveys included
under Group No. 2189, and Assignment Instructions dated June 11, 2008.

Survey commenced June 30, 2008

Survey completed September 3, 2008

T. 27 S., R. 4 W., Willamette Meridian, Oregon

FEET

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Township 27 South, Range 4 West, of the Willamette Meridian, Oregon.

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

In 1855, Addison R. Flint, U.S. Deputy Surveyor, surveyed the township and subdivisional lines as shown on the official plat of survey approved December 10, 1855.

In 1882, Samuel C. Flint, U.S. Deputy Surveyor, surveyed the township and subdivisional lines of T. 27 S., R. 3 W., as shown on the official plat of survey approved October 23, 1882.

In 1917, Elmer F. Strickler, U.S. Transitman, completed the survey of the subdivisional lines and resurveyed a portion of the east boundary and subdivisional lines as shown on the plat of survey approved June 10, 1918.

In 1958, Harold D. Corbin, Cadastral Surveyor, resurveyed a portion of the north and west boundaries and subdivisional lines of T. 27 S., R. 3 W., as shown on the plat of survey accepted March 16, 1960.

In 1970, James E. Jelley, Cadastral Surveyor, resurveyed a portion of the subdivisional lines as shown on the plat of survey accepted December 27, 1971.

In 1975, Glenn S. Baughman, Oregon Professional Land Surveyor (PLS) No. 536, resurveyed a portion of the north boundary and subdivisional lines under Contract No. 52500-CT5-1116 as shown on the plat of survey accepted June 26, 1978.

In 1987-88, Wayne L. Rogers, Cadastral Surveyor, and Garry L. Moore, Surveying Technician, resurveyed a portion of the subdivisional lines of T. 27 S., R. 3 W., as shown on the plat of survey accepted June 22, 1990.

In 1989-90, Boyd W. Peterson, Cadastral Surveyor, resurveyed a portion of the west boundary and subdivisional lines of T. 27 S., R. 3 W., as shown on the plat of survey accepted September 18, 1992.

In 2000, A. Bert Skeesick, Cadastral Surveyor, resurveyed a portion of the east boundary and subdivisional lines, and subdivided section 13 as shown on the plat of survey accepted March 30, 2001.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and Special Instructions dated February 14, 2008, for Group No. 2189, Oregon.

The survey was performed using a combination of Global Positioning System (GPS) satellite techniques and terrestrial measurements. The GPS measurements utilized dual frequency carrier phase receivers and were executed in accordance with the 'Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods', dated May of 2001,

T. 27 S., R. 4 W., Willamette Meridian, Oregon

FEET

published by the U.S.D.A. Forest Service and U.S.D.I. Bureau of Land Management.

The direction of the lines refer to the true meridian as determined by a combination of direct solar observations and GPS measurements carried forward by sustained angulation using conventional survey techniques. Distances along the lines were derived through the use of electronic measuring equipment.

Static GPS measurements have been adjusted using computer software that incorporates a least squares adjustment routine. The maximum GPS Cadastral Measurement error ellipse at 95% confidence level is 0.30 feet based on local accuracy standards. Terrestrial distances and directions have been adjusted using computer software that incorporates a least squares adjustment routine. The unadjusted data assured a closure not exceeding 1:4000 in error. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

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 herein.

Each new bearing tree has a 2 1/2 inch x 1/4 inch magnetic nail (Mag Nail) driven at the base on right side center, unless otherwise noted in the corner description.

New stainless steel corner post monuments have a magnet in a white plastic case deposited at the base of the post.

The geographic position (NAD 1983 (CORS 96)) of the corner of sections 25, 30, 31, and 36, as determined in a least squares adjusted network of conventional survey control and GPS occupied points, utilizing dual frequency, carrier phase GPS receivers, relative to National Spatial Reference System (NSRS) Continuously Operating Reference Stations (CORS) "CAPE BLANCO CORS ARP" and "DOUGLAS COUNTY SURVEYORS OFFICE CORS ARP", is as follows:

Latitude: 43° 11' 03.51" N. Longitude: 123° 06' 34.34" W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 4 W., Willamette Meridian, Oregon**

Restoring the 1917 survey by Elmer F. Strickler,
the 1970 resurvey by James E. Jelley, and the
1975 resurvey by Glenn S. Baughman

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp., described in the field notes of the dependent resurvey of a portion of the W. bdy. of T. 27 S., R. 4 W., executed concurrently under this same group.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 4 W., Willamette Meridian, Oregon**

| FEET | |
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| | N. 87° 52' 54" W., bet. secs. 25 and 36, posting and blazing. |
| 55 | Creek 4 ft. wide, course N. 40° W. |
| 1780 | Dirt road, 10 ft. wide, bears S. 40° E. and N. 40° W. |
| 2425.25 | <p>The 1/4 sec. cor. of sec. 25 only, perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1963, filed in the Douglas County Surveyor's Office, C.S. File No. 53/33, further perpetuated by Tony Hostetter, Oregon PLS No. 1975, in 2007, filed in the Douglas County Surveyor's Office, Map File No. 153-40, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd.</p> <p align="center">COUNTY SURVEYORS OFFICE T 27 S S 25 1/4 ——— R 4 W 1963</p> <p>from which the remains of bearing trees mkd. by Strickler</p> <p>A roothole bears N. 27 3/4° E., 41.9 ft. dist., alongside of which is the fir trunk, 25 ins. diam., with a healed blaze. (Record, N. 38° E., 31.0 ft.)</p> <p>A yew, 10 ins. diam., bears N. 67° W., 11.2 ft. dist., with fragmentary scribe marks visible on an open blaze.</p> <p>and the remains of bearing trees mkd. by Hostetter</p> <p>A hemlock, 10 ins. diam., bears N. 23° E., 8.0 ft. dist., with scribe marks S25 1/4 BT visible on an open blaze.</p> <p>A sawed fir stump, size indeterminate, bears S. 68° W., 14.0 ft. dist., with scribe marks S25 1/4 BT visible on an open blaze.</p> <hr/> <p>N. 86° 48' 42" W., beginning new measurement.</p> |
| 103.53 | <p>The 1/4 sec. cor. of sec. 36 only, perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1963, filed in the Douglas County Surveyor's Office, C.S. File No. 53/33, further perpetuated by Tony Hostetter, Oregon PLS No. 1975, in 2007, filed in the Douglas County Surveyor's Office, Map File No. 153-40, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd.</p> |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 4 W., Willamette Meridian, Oregon**

| FEET | |
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| | <p>A cedar, 19 ins. diam., bears N. 58 3/4° E., 58.7 ft. dist., with a healed blaze. (Record, N. 57° E.)</p> <p>and a bearing tree mkd. by Jelley</p> <p>A fir, 16 ins. diam., bears S. 26° W., 17.8 ft. dist., with a healed blaze. (Record, hemlock)</p> <p>and a new bearing tree</p> <p>A hemlock, 4 ins. diam., bears N. 75 1/4° W., 27.1 ft. dist., mkd. X BT.</p> <hr/> |
| | <p>N. 0° 03' 24" W., bet. secs. 25 and 26.</p> |
| 305 | <p>Creek, 4 ft. wide, course S. 70° W.</p> |
| 1910 | <p>Dirt road, 10 ft. wide, bears S. 75° E. and N. 55° W.</p> |
| 2643.62 | <p>The 1/4 sec. cor. of sec. 25 only, perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1963, filed in the Douglas County Surveyor's Office, C.S. File No. 53/33, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd.</p> <p align="center"> 1/4 S 25 1917 </p> |
| | <p>from which the remains of bearing trees mkd. by Strickler</p> <p>A fir, 47 ins. diam., bears N. 77 3/4° E., 47.5 ft. dist., with a healed blaze. (Record, N. 83 3/4° E.)</p> <p>A roothole bears S. 17 1/4° E., 30.4 ft. dist., alongside of which is a fir trunk, 38 ins. diam., with no marks visible.</p> <p>and a bearing tree mkd. by Godfrey</p> <p>A fir, 30 ins. diam., bears S. 6 1/4° E., 38.6 ft. dist., with a healed double blaze.</p> <hr/> <p>N. 2° 40' 12" E., beginning new measurement.</p> |
| 27.40 | <p>The 1/4 sec. cor. of sec. 26 only, perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1963, filed in the Douglas County Surveyor's Office, C.S. File No. 53/33, further perpetuated by Randall W. Smith, Deputy County Surveyor, in 2000, filed in the Douglas County Surveyor's Office, C.S. File No. 66/14-36, monumented with a basalt stone, 15 X 10 X 8 ins., projecting 8 ins. above the ground, with marks 1/4 visible on the W. face (alongside of which is an iron rod, 3/4 in. diam., firmly set, projecting 8 ins. above the ground), from which the remains of bearing trees mkd. by Strickler</p> |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 4 W., Willamette Meridian, Oregon**

| FEET | |
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| | <p>A sawed fir stump, 27 ins. diam., bears S. 68° W., 15.8 ft. dist., with no marks visible. (Record, 17.2 ft.)</p> <p>A sawed fir stump, 23 ins. diam., bears N. 45 1/2° W., 32.3 ft. dist., with no marks visible.</p> <p>and bearing trees mkd. by Godfrey</p> <p>A madrone, 6 ins. diam., bears N. 86 1/4° W., 23.3 ft. dist., with a healed blaze.</p> <p>A madrone, 10 ins. diam., bears N. 54° W., 31.7 ft. dist., with a healed blaze.</p> <p>and bearing tree mkd. by Smith</p> <p>A fir, 17 ins. diam., bears N. 37 3/4° W., 9.5 ft. dist., with a healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p align="center">T 27 S R 4 W 1/4 S 26 2008</p> <p>Bury the basalt stone inverted along the W. side of the stainless steel post and bury the iron rod, 30 ins. long, inside the stainless steel post.</p> <hr/> <p>N. 0° 47' 42" E., beginning new measurement.</p> |
| 2617.67 | <p>The cor. of secs. 24 and 25 only, perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1963, filed in the Douglas County Surveyor's Office, C.S. File No. 53/33, further perpetuated by Harvey M. Christensen, Oregon Professional Land Surveyor No. 2603, in 1999, filed in the Douglas County Surveyor's Office, C.S. File No. 65/40-1, monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above the ground, with brass cap mkd.</p> <p align="center">T 27 S R 4 W S 24 S 25 1917</p> <p>from which bearing trees mkd. by Godfrey</p> <p>A cedar, 34 ins. diam., bears N. 61 3/4° E., 152.5 ft. dist., with a healed double blaze.</p> |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 4 W., Willamette Meridian, Oregon**

| FEET | |
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| | <p>A madrone, 12 ins. diam., bears S. 76° E., 21.8 ft. dist., with a healed double blaze.</p> <p>and bearing trees mkd. by Christensen</p> <p>A fir, 15 ins. diam., bears S. 29° W., 18.8 ft. dist., with a healed blaze.</p> <p>A fir, 11 ins. diam., bears N. 22 3/4° W., 11.6 ft. dist., with a healed double blaze.</p> <p>From this cor., the cor. of secs. 23 and 26 only, bears N. 3° 21' 42" E., 48.38 ft. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground (buried alongside of which is the orig. stone, 14 X 9 X 6 ins., with no marks visible), with brass cap mkd.</p> <div style="text-align: center;"> <p>T 27 S R 4 W</p> <p>S 23 </p> <hr style="width: 50%; margin: 0 auto;"/> <p>S 26 S24</p> <p>1975</p> </div> <p>from which the remains of a bearing tree mkd. by Strickler, reported by Baughman</p> <p>A roothole bears N. 33 1/2° W., 15.8 ft. dist., alongside of which is a fir trunk, 16 ins. diam., with fragmentary scribe marks visible on an open blaze.</p> <p>and the remains of bearing trees mkd. by James W. Byron, Deputy County Surveyor, in 1958, filed in the Douglas County Surveyor's Office, C.S File No. 49/130, reported by Baughman</p> <p>A sawed cedar stump, 44 ins. diam., bears S. 71° W., 97.7 ft. dist., with scribe marks X BT visible on an open blaze.</p> <p>A madrone, 11 ins. diam., bears S. 73° W., 14.5 ft. dist., with a healed double blaze.</p> <p>A fir, 36 ins. diam., bears N. 56° W., 46.2 ft. dist., with a healed blaze.</p> <hr/> <p>S. 89° 06' 07" E., bet. secs. 24 and 25.</p> <p>Ascend over SW. slope., posting and blazing.</p> <p>2255 Dirt road, 12 ft. wide, bears N. 15° E. and S. 15° W.</p> <p>2425 Ridge, bears S. 35° E. and N. 35° W.; asc. broken N. slope.</p> <p>2641.27 The 1/4 sec. cor. of secs. 24 and 25, perpetuated by Harvey M. Christensen, Oregon PLS No. 2603, in 1999, filed in the Douglas County Surveyor's Office, C.S. File No. 65/40-2, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above the ground, with brass cap mkd.</p> |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 4 W., Willamette Meridian, Oregon**

| FEET | |
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| | $\begin{array}{r} \text{S } 24 \\ 1/4 \text{ ---} \\ \text{S } 25 \\ 1917 \end{array}$ |
| | <p>from which the remains of bearing trees mkd. by Strickler</p> <p>A sawed cedar stump, 30 ins. diam., bears S. 76° W., 57.4 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p>A roothole bears N. 53 1/2° W., 19.8 ft. dist., alongside of which is a fir trunk, size indeterminate, with no marks visible.</p> <p>and the remains of bearing trees mkd. by Christensen</p> <p>A hemlock stump, 8 ins. diam., bears N. 10 1/2° E., 9.9 ft. dist., alongside of which is a hemlock trunk, with fragmentary scribe marks visible on a partially healed blaze.</p> <p>A fir, 7 ins. diam., bears S. 81 3/4° E., 9.0 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p>A hemlock, 6 ins. diam., bears S. 50 1/2° W., 3.1 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p>A hemlock, 9 ins. diam., bears N. 73 1/2° W., 10.4 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <hr/> <p>S. 89° 59' 50" E., beginning new measurement.</p> <p>Descend over broken NE. slope.</p> |
| 750 | Graveled road, 15 ft. wide, bears S. 55° E. and N. 65° W. |
| 1340 | Graveled road, 15 ft. wide, bears N. 30° E. and S. 20° W. |
| 2402.61 | The closing cor. of secs. 24 and 25 only, on the E. bdy. of the Tp., described in the field notes of the dependent resurvey of a portion of the W. bdy. of T. 27 S., R. 3 W., executed concurrently under this same group. |
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T. 27 S., R. 4 W., Willamette Meridian, Oregon

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| <p>F E E T</p> | <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The lands included in the foregoing survey are located in mountainous terrain, approximately 10 miles easterly from the community of Roseburg, Oregon.</p> <p>Elevation ranges from approximately 3300 feet above sea level near the corner of sections 24 and 25 only, on the east boundary of the township, to approximately 2200 feet above sea level near the corner of sections 25, 26, 35, and 36.</p> <p>The southerly portion of the area resurveyed is drained by South Deer Creek, with minor unnamed tributaries, which flows westerly into the North Umpqua River.</p> <p>Timber consists of fir, cedar, chinquapin, maple, madrone, and oak. Undergrowth consists of salal, vine maple, poison oak, Oregon grape, and fern.</p> <p>Access to the survey was made by graveled roads branching from State Highway No. 138 and Douglas County Highway No. 17.</p> |
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