

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY
AND SUBDIVISIONAL LINES,
TOWNSHIP 27 SOUTH, RANGE 3 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. 3 W., Willamette Meridian, Oregon

FEET

The following field notes are those of the dependent resurvey of a portion of the west boundary and subdivisional lines, Township 27 South, Range 3 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 of T. 27 S., R. 4 W., 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 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, T. 27 S., R. 4 W., 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 as shown on the plat of survey accepted March 16, 1960.

In 1987-88, Wayne L. Rogers, Cadastral Surveyor, and Garry L. Moore, Surveying Technician, resurveyed a portion of the subdivisional lines 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 as shown on the plat of survey accepted September 18, 1992.

In 2000, A. Bert Skeesick, Cadastral Surveyor, resurveyed a portion of the west boundary and subdivisional lines, and subdivided section 7 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 9, 2001, 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.

T. 27 S., R. 3 W., Willamette Meridian, Oregon

FEET

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 posts 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 19, 20, 29, and 30, 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' 56.16" N. Longitude: 123° 05' 25.52" W.

**Dependent Resurvey of a Portion of the West Boundary,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

Restoring the 1855 survey by Addison R. Flint, the 1917 resurvey by Elmer F. Strickler, the 1958 resurvey by Harold D. Corbin, and the 1989-90 resurvey by Boyd W. Peterson

Beginning at the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., perpetuated by Tony Hostetter, Oregon Professional Land Surveyor (PLS) No. 1975, in 2007, filed in the Douglas County Surveyor's Office, Map File No. M153-40, monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above the ground, with brass cap mkd.

**Dependent Resurvey of a Portion of the West Boundary,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

F E E T	<div style="text-align: center; margin-bottom: 10px;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td colspan="2">T 27 S</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">R 4 W</td><td style="padding: 0 5px;">R 3 W</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 25</td><td style="padding: 0 5px;">S 30</td></tr> <tr><td colspan="2" style="border-top: 1px solid black; padding: 0 5px;">S 36 S 31</td></tr> <tr><td colspan="2" style="padding: 0 5px;">1917</td></tr> </table> </div> <p>from which the remains of the orig. bearing trees</p> <p style="margin-left: 40px;">A roothole bears S. 45° E., 15.2 ft. dist., alongside of which is a cedar trunk, 39 ins. diam., with no marks visible.</p> <p style="margin-left: 40px;">A roothole bears S. 23 1/4° W., 20.5 ft. dist., alongside of which is a cedar trunk, 45 ins. diam., with no marks visible.</p> <p>and the remains of bearing trees mkd. by Strickler</p> <p style="margin-left: 40px;">A cedar snag, 39 ins. diam., bears N. 45 1/2° E., 29.6 ft. dist., with no marks visible. (Record, 33.0 ft.)</p> <p style="margin-left: 40px;">A hemlock stump, size indeterminate, bears N. 28° W., 18.5 ft. dist., with no marks visible.</p> <p>and the remains of bearing trees mkd. by James W. Byron, Deputy County Surveyor, in 1962, filed in the Douglas County Surveyor's Office, C.S. File No. 49/28, reported by Peterson as mkd. by Godfrey</p> <p style="margin-left: 40px;">A hemlock stump, 14 ins. diam., bears N. 3° E., 89.3 ft. dist., with a healed blaze.</p> <p style="margin-left: 40px;">A hemlock stump, 26 ins. diam., bears S. 72° W., 94.4 ft. dist., with a healed blaze.</p> <p>and bearing trees mkd. by Peterson</p> <p style="margin-left: 40px;">A fir, 25 ins. diam., bears N. 11° E., 6.3 ft. dist., with a healed blaze.</p> <p style="margin-left: 40px;">A fir, 10 ins. diam., bears S. 81° W., 14.2 ft. dist., with a healed blaze.</p> <p style="margin-left: 40px;">A fir, 15 ins. diam., bears N. 61° W., 10.2 ft. dist., with a healed blaze.</p> <p>and a bearing tree mkd. by Hostetter</p> <p style="margin-left: 40px;">A fir, 17 ins. diam., bears S. 22 1/2° W., 19.7 ft. dist., with a healed blaze.</p> <p>N. 0° 05' 28" E., on the W. bdy. of sec. 30.</p> <p>Ascend over broken SW. slope, posting and blazing.</p> <p>2650.28 The 1/4 sec. cor. of sec. 30 only, on the W. bdy. of the Tp., perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1963, filed in the Douglas County</p>	T 27 S		R 4 W	R 3 W	S 25	S 30	S 36 S 31		1917	
T 27 S											
R 4 W	R 3 W										
S 25	S 30										
S 36 S 31											
1917											

**Dependent Resurvey of a Portion of the West Boundary,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

FEET	
	<p>Surveyor's Office, C.S. File No 53/33, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <p align="center"> $\frac{1}{4}$ S 30 1917 </p> <p>from which the remains of a bearing tree mkd. by Strickler</p> <p>A sawed fir stump, 21 ins. diam., bears S. 33 3/4° E., 28.4 ft. dist., with scribe mark T visible on a partially opened blaze.</p> <p>and the remains of bearing trees mkd. by Godfrey</p> <p>A sawed fir stump, 18 ins. diam., bears N. 11 1/4° E., 71.1 ft. dist., with a healed double blaze.</p> <p>A fir, 32 ins. diam., bears S. 20 1/2° E., 42.4 ft. dist., with a healed double blaze.</p> <p>and an unmarked tree referenced by Godfrey</p> <p>A fir, 38 ins. diam., bears S. 1 1/4° W., 2.4 ft. dist., with no marks visible.</p> <p>and a new bearing tree</p> <p>A fir, 16 ins. diam., bears N. 15 1/2° E., 72.7 ft. dist., mkd. 1/4 S30 BT.</p> <hr/> <p>N. 0° 19' 22" E., beginning new measurement.</p>
40.76	<p>Point for the 1/4 sec. cor. of sec. 25 only, T. 27 S., R. 4 W., determined at midpoint latitudinally bet. the cor. of secs. 25, 30, 31, and 36, and the closing cor. of secs. 24 and 25.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p align="center"> T 27 S R4W R3W 1/4 S25 2008 </p> <p>from which</p> <p>A fir, 4 ins. diam., bears S. 67 3/4° W., 19.4 ft. dist., mkd. 1/4 S25 BT.</p> <p>A fir, 6 ins. diam., bears N. 35 1/4° W., 28.3 ft. dist., mkd. 1/4 S25 BT.</p>
1175	<p>Dirt road, 12 ft. wide, bears E. and S. 75° W.</p>

**Dependent Resurvey of a Portion of the West Boundary,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

<p>F E E T</p> <p>2651.73</p>	<p>The cor. of secs. 19 and 30 only, on the W. bdy. of the Tp., 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 1/4 ins. diam., firmly set, projecting 4 ins. above the ground (buried alongside of which is the orig. stone, 14 x 7 x 7 ins., with 2 notches on the S. edge and 4 notches on the N. edge), with brass cap mkd.</p> <div style="text-align: center;"> </div> <p>from which the remains of bearing trees mkd. by Strickler</p> <p style="padding-left: 40px;">A fir, 46 ins. diam., bears N. 67° E., 5.9 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A sawed fir stump, 36 ins. diam., bears S. 6 1/4° E., 28.4 ft. dist., with no marks visible.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 22 3/4° E., 20.2 ft. dist., mkd. T27S R3W S30 BT.</p>
<p>80.09</p>	<p>N. 0° 14' 27" W., on the W. bdy. of sec. 19.</p> <p>The closing cor. of secs. 24 and 25, 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 2001, filed in the Douglas County Surveyor's Office, C.S. File No. 65/40-3, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> </div> <p>from which the remains of the orig. bearing trees</p> <p style="padding-left: 40px;">A fir, 38 ins. diam., bears S. 31 3/4° W., 31.0 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir snag, size indeterminate, bears N. 65° W., 47.5 ft. dist., with a healed blaze.</p> <p>and a bearing tree mkd. by Godfrey</p>

**Dependent Resurvey of a Portion of the West Boundary,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 39 ins. diam., bears N. 77 3/4° W., 67.6 ft. dist., with a healed double blaze.</p> <p>and the remains of bearing trees mkd. by Christensen</p> <p>A fir, 32 ins. diam., bears N. 45 1/2° E., 35.6 ft. dist., with axe mark X in the bark and fragmentary scribe marks visible on a partially healed blaze.</p> <p>A sawed fir stump, 39 ins. diam., bears S. 48 1/4° E., 32.6 ft. dist., with bridge spike driven into top, with no marks visible.</p> <hr/> <p>N. 0° 06' 25" E., beginning new measurement.</p>
820	Graveled road, 15 ft. wide, bears N. 35° E. and S. 25° W.
1330.10	<p>The S 1/16 sec. cor. of sec. 24 only, T. 27 S., R. 4 W, established by Kenneth W. Hoffine, Oregon Professional Land Surveyor No. 2291, in 2007, filed in the Douglas County Surveyor's Office, Map File No. M152-54, and is accepted as the cor., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above the ground, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>T27S R4W R3W S 1/16 } S 24 } S 19 2007 PLS 2291</p> </div> <p>from which bearing trees mkd. by Hoffine</p> <p>A cedar, 17 ins. diam., bears S. 66 1/4° W., 35.7 ft. dist., with scribe marks S 1/16 S24 BT visible on an open blaze.</p> <p>A hemlock, 22 ins. diam., bears N. 43 1/4° W., 32.3 ft. dist., with scribe marks S 1/16 S24 BT visible on an open blaze.</p> <hr/> <p>N. 0° 04' 56" E., beginning new measurement.</p>
1240.14	<p>The 1/4 sec. cor. of sec. 19 only, perpetuated by the Douglas County Surveyor's Office in 1977, filed in the Douglas County Surveyor's Office, C.S. File No. 59/40, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>DOUGLAS COUNTY SURVEYOR T 27 S R 3 W S 19 1/4 1977</p> </div>

Dependent Resurvey of a Portion of the West Boundary,
T. 27 S., R. 3 W., Willamette Meridian, Oregon

<p>F E E T</p>	<p>from which the remains of bearing trees mkd. by Strickler</p> <p>A roothole bears N. 13° E., 13.9 ft. dist., alongside of which is a fir trunk, 36 ins. diam., with a healed blaze.</p> <p>A fir snag, 57 ins. diam., bears S. 87° E., 34.3 ft. dist., with a healed blaze.</p> <p>and the remains of bearing trees mkd. by the Douglas County Surveyor's Office</p> <p>A hemlock, 18 ins. diam., bears N. 53° E., 32.3 ft. dist., with a healed blaze.</p> <p>A sawed fir stump, 18 ins. diam., bears N. 68 1/4° E., 38.4 ft. dist., with a healed blaze.</p> <p>and a new bearing tree</p> <p>A cedar, 20 ins. diam., bears S. 33 1/4° E., 28.1 ft. dist., mkd. 1/4 S19 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 17' 54" E., beginning new measurement.</p> <p>905 Graveled road, 12 ft. wide, bears S. 80° E. and N. 85° W.</p> <p>2658.09 The cor. of secs. 18 and 19 only, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 27 S</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">R 4 W</td> <td style="padding: 0 5px;">R 3 W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;">S 18</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 24</td> <td style="border-top: 1px solid black; padding: 0 5px;">S 19</td> </tr> </table> <p>1958</p> </div> <p>from which the remains of bearing trees mkd. by Strickler</p> <p>A sawed fir stump, 21 ins. diam., bears N. 51 1/2° E., 23.8 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p>A fir snag, 32 ins. diam., bears S. 3° E., 74.6 ft. dist., with scribe marks S19 BT visible on a partially opened blaze.</p> <p>and the bearing trees mkd. by Corbin</p> <p>A fir, 25 ins. diam., bears N. 51° E., 79.9 ft. dist., with a healed blaze.</p> <p>A maple, 17 ins. diam., bears S. 74 1/4° E., 56.8 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p>	R 4 W	R 3 W		S 18	S 24	S 19
R 4 W	R 3 W						
	S 18						
S 24	S 19						

**Dependent Resurvey of a Portion of the West Boundary,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

FEET

A fir, 27 ins. diam., bears S. 32° W., 31.7 ft. dist., with a healed blaze.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

Restoring the 1882 survey by Samuel C. Flint

Beginning at the cor. of secs. 19, 20, 29, and 30, perpetuated by G. Robert Lecklider, Oregon Registered Professional Engineer No. 4079, in 1960, filed in the Douglas County Surveyor's Office, Map File No. M19-51, further perpetuated by the Douglas County Surveyor's Office in 1976, filed in the Douglas County Surveyor's Office, C.S. File No. 59/18, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above the ground, (alongside of which is a steel tube, 1 in. diam., firmly set, projecting 1 in. above the ground), with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 27 S R 3 W	
S 19	S 20
S 30	S 29
1976	

from which the remains of the orig. bearing trees

A burnt fir snag, 30 ins. diam., bears S. 34 1/4° E., 4.6 ft. dist., with scribe marks R3W S29 BT visible in the bark. (Record, S. 50° E.)

A sawed fir stump, 22 ins. diam., bears S. 85° W., 36.3 ft. dist., with no marks visible. (Record, 38.3 ft.)

and the remains of a bearing tree mkd. by Lecklider

A cedar snag, 13 ins. diam., bears N. 32° W., 22.6 ft. dist., with no marks visible on an open blaze.

and new bearing trees

A fir, 6 ins. diam., bears N. 56° E., 3.1 ft. dist., mkd. T27S R3W S20 BT.

A fir, 5 ins. diam., bears S. 4 1/2° E., 18.3 ft. dist., mkd. T27S R3W S29 BT.

A fir, 5 ins. diam., bears S. 28° W., 28.4 ft. dist., mkd. X BT.

A chinquapin, 5 ins. diam., bears N. 58° W., 23.3 ft. dist., mkd. T27S R3W S19 BT.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon

FEET	
2649.44	<p>N. 89° 18' 08" W., bet. secs. 19 and 30.</p> <p>Descend over broken NW. slope, posting and blazing.</p> <p>The 1/4 sec. cor. of secs. 19 and 30, perpetuated by the Douglas County Surveyor's Office in 1976, filed in the Douglas County Surveyor's Office, C.S. File No. 59/28, monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">DOUGLAS CO SURVEYOR T 27 S R 3 W S 19 1/4 _____ S 30 1976</p> <p>from which the remains of an orig. bearing tree</p> <p style="padding-left: 40px;">A sawed fir stump, 30 ins. diam., bears S. 43° E., 17.2 ft. dist., with no marks visible.</p> <p>and the remaining accessory mkd. by the Douglas County Surveyor's Office</p> <p style="padding-left: 40px;">A sawed fir stump, 43 ins. diam., bears S. 29° W., 11.2 ft. dist., with no marks visible, and with an iron rod, 5/8 in. diam., firmly set, driven into the center of the stump, with aluminum cap, mkd. D/CO/RP2.</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears S. 57 1/4° W., 29.2 ft. dist., mkd. 1/4 S30 BT.</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears N. 35 1/4° W., 21.9 ft. dist., mkd. 1/4 S19 BT.</p> <p style="text-align: center;">_____</p> <p>S. 88° 32' 30" W., beginning new measurement.</p>
130	Dirt road, 10 ft. wide, bears S. 20° E. and N. 35° W.
2430.56	<p>The cor. of secs. 19 and 30 only, on the W. bdy. of the Tp.</p> <p>_____</p>

T. 27 S., R. 3 W., Willamette Meridian, Oregon

<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 19 and 30 only, on the boundary of the township, to approximately 2200 feet above sea level near the corner of sections 19, 20, 29, and 30.</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>
----------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------