

23464

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE SUBDIVISIONAL LINES
AND SUBDIVISION OF SECTION 7,
TOWNSHIP 21 SOUTH, RANGE 4 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON

EXECUTED BY

Jeffrey O. Covington, Cadastral Surveyor

Under Special Instructions approved May 4, 2015,
which provided for the surveys included under Group No. 2762,
and Assignment Instructions dated May 4, 2015.

Survey commenced May 4, 2015

Survey completed June 11, 2015

T. 21 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 and subdivision of section 7, Township 21 South, Range 4 West, Willamette Meridian, Oregon.

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

In 1855-56, Harvey Gordon and Charles T. Gardner, U.S. Deputy Surveyors, surveyed the exterior boundaries and subdivisional lines as shown on the official plat of survey approved February 20, 1856.

In 1971-72, Peter A. Peterson and Daniel L. Berry, Cadastral Surveyors, resurveyed a portion of the west boundary and subdivisional lines as shown on the official plat of survey accepted March 30, 1977. (Plat amended March 15, 2013.)

In 1988-89, Wayne L. Rogers, Dale T. Bedell, and Boyd W. Peterson, Cadastral Surveyors, and Garry L. Moore, Surveying Technician, resurveyed a portion of the south and west boundaries and subdivisional lines and subdivided sections 17 and 31 as shown on the official plat of survey accepted July 10, 1990.

In 2013, an amended plat of the 1971-72 official survey was authorized and prepared correcting the bearing on the south 1/2 of the line between sections 7 and 12, as shown on the official amended plat of survey approved March 22, 2013.

The following local surveys (M) and county surveyor files (CS), filed in the Douglas County Surveyor's Office, are referred to in subsequent corner descriptions and are referenced by surveyor's last name, official title or Professional Land Surveyor (PLS) No., and year.

<u>Date</u>	<u>Name and Registration Number</u>	<u>File Number</u>
1923	C.W. Springer, Deputy County Surveyor	Field Book 60, p. 65-68
1956	Kenneth P. McReynolds, PLS No. 277	CS 42/175A
1969	Douglas County Surveyor's Office	CS 54/14
1986	Charles W. Guile, PLS No. 472	M103-9
1990	Leslie D. Roberts, PLS No. 1039	M110-25
1996	Ronald K. Bradsby, PLS No. 2437	M123-76
2013	Randall W. Smith, Douglas County Surveyor	CS 67/38-34
2013	Randall W. Smith, Douglas County Surveyor	CS 67/38-35
2013	Randall W. Smith, Douglas County Surveyor	CS 67/38-36
2013	Randall W. Smith, Douglas County Surveyor	CS 67/38-37

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), and the special instructions approved May 4, 2015, for Group No. 2762, Oregon.

The direction(s) of the line(s) are based on the true meridian as determined by Global Positioning System (GPS) techniques (and/or direct solar observation(s)) and carried forward by sustained angulation using conventional survey techniques. All measurements along the lines were derived through the use of electronic measuring equipment. Measured distances and directions

T. 21 S., R. 4 W., Willamette Meridian, Oregon

FEET

have been adjusted by computer software that incorporates a least squares adjustment routine. The adjusted mean bearings and mean horizontal ground elevation distances are reported to the nearest second and 0.01 foot.

Preliminary to the resurvey the lines of the official original survey(s) and resurvey(s) were retraced and search was made for all corners, lines, other calls of the record, and, where available, collateral evidence of local surveys and corners. Identified corners were perpetuated in their original positions; lost corners were reestablished and monumented at proportionate positions based on the official record. The retracement data was 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 and each corner established or remonumented has a magnet deposited in a white plastic case at the base of the stainless steel post, unless otherwise noted in the corner description. Aluminum angle irons were driven alongside each monument unless a similar marker was already in place.

Only those lines bounding Federal interest land were blazed.

The geographic position in NAD 1983 (2011) of the following corners as determined by direct occupation utilizing dual frequency, carrier phase GPS receivers, and processed using the National Geodetic Survey's Online Positioning User Service (OPUS):

The 1/4 section corner of sections 7 and 12, on the West boundary of the township:

Latitude: 43° 45' 27.924" N. Longitude: 123° 13' 39.630" W.

The corner of sections 7, 8, 17, and 18:

Latitude: 43° 45' 02.125" N. Longitude: 123° 12' 27.493" W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 4 W., Willamette Meridian, Oregon**

Restoring the 1855-56 survey by Harvey Gordon and Charles T. Gardner,
the 1971-72 resurvey by Peter A. Peterson and Daniel L. Berry,
and the 1988-89 resurvey by Wayne L. Rogers, et al

Beginning at the 1/4 sec. cor. of secs. 17 and 18, perpetuated by Smith, Douglas County Surveyor, in 2013, under CS 67/38-34, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd.

23467

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p style="text-align: center;">COUNTY SURVEYORS OFFICE T21S 1/4 S 18 S 17 R4W 1969</p> <p>from which the remains of an original bearing tree reported by Rogers, et al, in 1988-89</p> <p style="padding-left: 40px;">A cedar snag, 14 ins. diam., bears S. 48° E., 19.8 ft., with no scribe marks visible on a previously opened blaze.</p> <p>and the remains of the bearing trees mkd. by the Douglas County Surveyor's Office in 1969, reported by Rogers, et al</p> <p style="padding-left: 40px;">A decayed hemlock stump, size indeterminate, bears S. 17 1/2° E., 8.9 ft. dist., with no marks visible.</p> <p style="padding-left: 40px;">A hemlock stump, 12 ins. diam., bears S. 22 1/4° W., 14.5 ft. dist., with no marks visible.</p> <p>and the bearing trees mkd. by Smith</p> <p style="padding-left: 40px;">A fir, 39 ins. diam., bears N. 85 3/4° E., 47.0 ft. dist., with scribe marks 1/4 S17 CS BT visible on an open blaze.</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears S. 19 1/4° E., 25.1 ft. dist., with scribe marks 1/4 S17 CS BT visible on an open blaze.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 80° W., 6.4 ft. dist., with scribe marks 1/4 S18 CS BT visible on an open blaze.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears N. 24 1/2° W., 19.0 ft. dist., with scribe marks 1/4 S18 CS BT visible on an open blaze.</p> <p>N. 0° 33' 20" E., bet. secs. 17 and 18.</p>
707	Gravel road, 12 ft. wide, bears S. 45° E. and N. 40° W.
1041	Gravel road, 12 ft. wide, bears N. 45° E. and S. 30° W.
1986	Gravel road, 12 ft. wide, bears S. 30° E. and N. 30° W.
2664.47	The cor. of secs. 7, 8, 17, and 18, perpetuated by Guile, PLS No. 472, in 1986, further perpetuated by Smith, Douglas County Surveyor, in 2013, under CS 67/38-35, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground (alongside of which is an unrecorded iron bolt, 5/8 in. diam., firmly set, flush with the ground, as reported by Smith) with brass cap mkd.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 4 W., Willamette Meridian, Oregon**

FEET

COUNTY SURVEYORS OFFICE

T 21 S	
S 7	S 8
S 18	S 17
R 4 W	
1969	

from which the remains of an original bearing tree reported by Peterson and Berry in 1971-72

A fir stump, 50 ins. diam., bears S. 20° W., 12.5 ft. dist., with a healed blaze.

and the remains of a bearing tree mkd. by Springer, Deputy County Surveyor, in 1923, reported by Peterson and Berry

A decayed fir stump, 54 ins. diam., S. 67 1/2° E., 63.4 ft. dist., with no marks visible.

and the remains of the bearing trees mkd. by the Douglas County Surveyor's Office in 1969, reported by Peterson and Berry

A fir stump, 14 ins. diam., bears S. 34° E., 17.8 ft. dist., with no marks visible.

A decayed fir stump, 8 ins. diam., bears S. 85° W., 7.9 ft. dist., with no marks visible.

A decayed fir stump, 12 ins. diam., bears N. 74° W., 9.9 ft. dist., with no marks visible.

and the bearing trees mkd. by Smith

A fir, 9 ins. diam., bears S. 77 3/4° E., 46.6 ft. dist., with scribe marks T21S R4W S17 CS BT visible on a partially healed double blaze.

A maple, 15 ins. diam., bears S. 8° E., 26.0 ft. dist., with scribe marks T21S R4W S17 CS BT visible on a partially healed double blaze.

A twin trunked maple, 7 ins. diam., bears N. 26 3/4° W., 52.4 ft. dist., with scribe marks T21S R4W S17 CS BT visible on a partially healed double blaze.

From the 1/4 sec. cor. of secs. 8 and 17, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground with brass cap mkd.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>COUNTY SURVEYORS OFFICE</p> <p>T21S</p> <p>S 8</p> <p>1/4 ———</p> <p>S 17</p> <p>R4W</p> <p>1969</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">RESET 1988</p>
	<p>from which the bearing trees mkd. by the Douglas County Surveyor's Office in 1969, reported by Rogers, et al, in 1988-89</p> <p style="padding-left: 40px;">A fir, 37 ins. diam., bears N. 64° E., 25.7 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears S. 29° W., 33.7 ft. dist., with a healed blaze.</p> <p>N. 89° 45' 42" W., bet. secs. 8 and 17.</p>
2619.08	<p>The cor. of secs. 7, 8, 17, and 18.</p> <hr/> <p>S. 89° 38' 45" W., bet. secs. 7 and 18.</p>
135	<p>Gravel road, 12 ft. wide, bears S. 15° E. and N. 12° W.</p>
689	<p>Gravel road, 12 ft. wide, bears N. 28° E. and S. 28° W.</p>
895	<p>Gravel road, 12 ft. wide, bears S. 54° E. and N. 50° W.</p>
2645.14	<p>The 1/4 sec. cor. of secs. 7 and 18, perpetuated by Smith, Douglas County Surveyor, in 2013, under CS 67/38-36, monumented with an iron post, 2 1/2 ins. diam., firmly set projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> <p>S 7</p> <p>1/4 ———</p> <p>S 18</p> <p>T 21 S R 4 W</p> <p>1971</p> </p>
	<p>from which the remains of the bearing trees mkd. by Peterson and Berry in 1971-72</p> <p style="padding-left: 40px;">A root hole bears N. 15° E., 32.3 ft. dist., with fallen fir trunk, 18 ins. diam., lying alongside, with a healed blaze.</p> <p style="padding-left: 40px;">A fir stump, 12 ins. diam., bears S. 21° W., 25.7 ft. dist., with no marks visible.</p> <p>and the bearing trees mkd. by Smith</p> <p style="padding-left: 40px;">A dogwood, 10 ins. diam., bears S. 85 1/2° E., 10.0 ft. dist., with scribe marks X CS BT visible on a partially healed blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 6 ins. diam., bears S. 23 1/2° E., 18.3 ft. dist., with scribe marks 1/4 S18 CS BT visible on a partially healed double blaze.</p> <p>A fir, 11 ins. diam., bears S. 40° W., 29.0 ft. dist., with scribe marks 1/4 S18 CS BT visible on a partially healed double blaze.</p> <p>A fir, 5 ins. diam., bears N. 64° W., 14.3 ft. dist., with scribe marks X CS BT visible on a partially healed double blaze.</p> <hr/> <p>S. 89° 33' 54" W., beginning new measurement.</p>
1325.30	<p>The W 1/16 sec. cor. of secs. 7 and 18, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>S 7 W1/16 ——— S 18 1971</p> </div> <p>from which the remaining bearing tree mkd. by Peterson and Berry in 1971-72</p> <p>A fir, 20 ins. diam., bears N. 13° E., 21.8 ft. dist., with no marks visible.</p> <p>and a new bearing tree</p> <p>A fir, 18 ins. diam., bears S. 11 3/4° E., 12.5 ft. dist., mkd. W1/16 S18 BT.</p> <hr/> <p>From the cor. of secs. 7, 8, 17, and 18.</p> <p>N. 0° 16' 20" W., bet. secs. 7 and 8.</p>
1339.05	<p>The S 1/16 sec. cor. of secs. 7 and 8, established by Bradsby, PLS 2437, in 1996, and is accepted as the cor., monumented with an iron rod, 3/4 in. diam., firmly set, projecting 1 in. above ground, with a red plastic cap mkd. PLS 2437, from which the remaining bearing tree mkd. by Bradsby</p> <p>A fir, 16 ins. diam., bears S. 72° W., 12.6 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., 24 ins. in the ground, directly over the iron rod, 24 ins. long, with brass cap mkd.</p> <div style="text-align: center;"> <p>S 1/16 S 7 S 8 2015</p> </div> <p>from which</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 5 ins. diam., bears N. 16° E., 6.6 ft. dist., mkd. X BT.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 0° 16' 02" W., beginning new measurement.</p> <p>1338.63 The 1/4 sec. cor. of secs. 7 and 8, perpetuated by Smith, Douglas County Surveyor, in 2013, under CS 67/38-37, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T 21 W 1/4 S 7 S 8 R 4 W 1969</p> <p>from which a bearing tree mkd. by the Douglas County Surveyor's Office in 1969, reported by Peterson and Berry in 1971-72</p> <p>A fir, 34 ins. diam., bears S. 87° E., 5.3 ft. dist., with a healed double blaze.</p> <p>and the bearing trees mkd. by Smith</p> <p>A fir, 5 ins. diam., bears N. 24 1/2° E., 18.1 ft. dist., with scribe marks X CS BT visible on an open blaze.</p> <p>A fir, 4 ins. diam., bears N. 54° W., 15.3 ft. dist., with scribe marks X CS BT visible on an open blaze.</p> <p>A fir, 24 ins. diam., bears N. 16 1/4° W., 24.8 ft. dist., with scribe marks 1/4 S7 CS BT visible on a partially healed double blaze.</p> <p>From the corner</p> <p>W., 44 ft. dist., to a gravel road, 14 ft. wide, bears N. 5° E. and S. 5° W.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 0° 21' 51" E., beginning new measurement.</p>
2109	Creek, 2.5 ft. wide, course N. 80° W.
2623.85	<p>The cor. of secs. 5, 6, 7, and 8, monumented with an iron post, 2 1/2 ins. diam., firmly set projecting 8 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T 21 S R 4 W S 6 S 5 ----- S 7 S 8 1972</p> <p>from which the remains of the bearing trees mkd. by Peterson and Berry in 1971-72</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 15 ins. diam., bears N. 7° E., 5.3 ft. dist., with a healed blaze.</p> <p>A fir stump, 18 ins. diam., S. 77° E., 19.1 ft. dist., with a healed blaze.</p> <p>A fir, 28 ins. diam., bears S. 15° W., 13.2 ft. dist., with a healed blaze.</p> <p>A root hole bears N. 83° W., 10.6 ft. dist., with fallen fir trunk, 22 ins. diam., lying alongside, with a healed blaze.</p> <p>and a new bearing tree</p> <p>A fir, 9 ins. diam., bears S. 79 1/2° W., 17.8 ft. dist., mkd. T21S R4W S7 BT.</p> <p>There are no suitable accessories available in secs. 6 or 8.</p> <hr/> <p>S. 89° 55' 43" W., bet. secs. 6 and 7.</p>
2641.61	<p>The 1/4 sec. cor. of secs. 6 and 7, monumented with an iron post, 1 1/4 ins. diam., firmly set projecting 10 ins. above ground, with brass cap mkd.</p> <p align="center">COUNTY SURVEYORS OFFICE T 21 S S 6 1/4 _____ S 7 R 4 W 1969</p> <p>from which new bearing trees</p> <p>A fir, 24 ins. diam., bears S. 76 1/2° E., 46.3 ft. dist., mkd. 1/4 S7 BT.</p> <p>A fir, 5 ins. diam., bears N. 32° W., 11.5 ft. dist., mkd. 1/4 S6 BT.</p> <p>Search was made for the bearing trees reported by Peterson and Berry in 1971-72, none of which were recovered.</p> <hr/> <p align="center">Subdivision of Section 7, T. 21 S., R. 4 W., Willamette Meridian, Oregon</p> <hr/> <p>From the 1/4 sec. cor. of secs. 7 and 18.</p> <p>N. 0° 04' 28" E., on the N. and S. center line of sec. 7.</p>
2661.70	<p>Point for the center 1/4 sec. cor. of sec. 7 at intersection with the E. and W. center line.</p>

Subdivision of Section 7,

FEET	T. 21 S., R. 4 W., Willamette Meridian, Oregon
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 21 S R 4 W C 1/4 S 7 2015</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 44 ins. diam., bears S. 30 1/2° W., 20.9 ft. dist., mkd. C1/4 S7 BT.</p> <p style="padding-left: 40px;">A maple, 14 ins. diam., N. 35 1/4° W., 35.6 ft. dist., mkd X BT in the bark.</p> <p>From this cor., a point established in an 1980 administrative survey by Roseburg District Office, Bureau of Land Management, bears S. 18° 08' 14" E., 7.084 ft. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 9 ins. above the ground, and is not accepted as the cor. and not utilized in the course of this survey. Removed the iron pipe and deposited it inside the stainless steel post</p>
2813	Dirt road, 10 ft. wide, bears N. 45° W. and S. 40° E.
2877	Spur, slopes N. 85° W.
5314.50	The 1/4 sec. cor. of secs. 6 and 7.
	<hr/> <p>From the 1/4 sec. cor. of secs. 7 and 8.</p> <p>S. 89° 17' 33" W., on the E. and W. center line of sec. 7.</p>
2628.89	The center 1/4 sec. cor. of sec. 7.
3946.54	<p>Point for the center W 1/16 sec. cor. of sec. 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the ground, with brass cap mkd.</p> <p style="text-align: center;">W 1/16 C ——— C S 7 2015</p> <p>from which</p> <p style="padding-left: 40px;">An iron rod, 28 ins. long, 5/8 in. diam., driven 24 ins. in the ground for a reference monument, bears N. 80° 05' 47" E., 27.00 ft. dist., with aluminum cap mkd. RM CW 1/16 S7 27.0 FT TO COR 2015, and an arrow pointing to the cor.</p> <p style="padding-left: 40px;">An iron rod, 28 ins. long, 5/8 in. diam., driven 24 ins. in the ground for a reference monument, bears N. 10° 05' 33" W., 30.03 ft. dist., with</p>

Subdivision of Section 7,

FEET	<p style="text-align: center;">T. 21 S., R. 4 W., Willamette Meridian, Oregon</p>
5282.31	<p>aluminum cap mkd. RM CW 1/16 S7 30.0 FT TO COR 2015, and an arrow pointing to the cor.</p> <p>The 1/4 sec. cor. of secs. 7 and 12, on the W. bdy. of the Tp., perpetuated by Roberts, PLS No. 1039, in 1990, monumented with an iron pipe, 3/4 in. diam., firmly set, projecting 5 ins. above ground, from which the remains of a bearing tree of no record, reported by Peterson and Berry in 1971-72</p> <p style="padding-left: 40px;">A fir stump, 48 ins. diam., bears N. 15° E., 25.9 ft. dist., with a healed blaze. (Record, 28.4 ft.)</p> <p>and the bearing trees mkd. by Peterson and Berry</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears N. 56° E., 19.1 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir stump, 10 ins. diam., bears S. 24° W., 13.2 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., 24 ins. in the ground, directly over the iron pipe, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> T 21 S R 5 W R 4 W 1/4 S 12 S 7 2015 </div> <p>from which</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears N. 4 1/2° W., 43.5 ft. dist., mkd. 1/4 S12 BT.</p> <p>Note: There is no remaining evidence of the iron post set by Peterson and Berry. This was also noted by Roberts.</p> <hr/>
1940.66	<p>From the W 1/16 sec. cor. of secs. 7 and 18.</p> <p>N. 0° 14' 16" E., on the N. and S. center line of the SW 1/4 of sec. 7.</p>
2520	<p>A property cor. established by McReynolds, PLS No. 277, in 1956, monumented with an iron pipe, 1 1/4 ins. diam., firmly set, projecting 12 ins. above ground, with no cap or accessories.</p>
2655.44	<p>Creek, 8.0 ft. wide, course S. 80° W.</p> <p>The center W 1/16 sec. cor. of sec. 7.</p> <hr/>