

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

PORTIONS OF THE EAST BOUNDARY AND

SUBDIVISIONAL LINES AND THE SUBDIVISION OF

SECTIONS 13 AND 14,

TOWNSHIP 25 SOUTH, RANGE 7 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

Timothy J Moore, Cadastral Surveyor

Robert H. Browning, Surveying Technician

Under Special Instructions dated March 24, 1999, approved April 1, 1999,

which provided for the surveys included under Group No. 1905,

and assignment instructions dated April 6, 1999.

Survey commenced April 6, 1999

Survey completed May 13, 1999

T. 25 S., R. 7 W., Willamette Meridian, Oregon

FEET	
	<p>The following field notes are those of a dependent resurvey of a portion of the east boundary, subdivisional lines and the subdivision of sections 13 and 14, township 25 south, range 7 west, Willamette Meridian, Oregon.</p> <p>A history of prior surveys which pertain to this survey is as follows:</p> <p>In 1853, Robert Elder and Henry Gile, U.S. Deputy Surveyors, surveyed a portion of the east boundary, as shown on the official plat of survey in T. 25 S., R. 6 W., approved October 20, 1853.</p> <p>In 1856, Dennis Hathorn, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines, as shown on the official plat of survey approved December 5, 1856.</p> <p>In 1857-58, Dennis Hathorn, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines, as shown on the official plat of survey, approved April 24, 1858.</p> <p>In 1877, William H. Byars, U.S. Deputy Surveyor, surveyed a portion of the east boundary, as shown on the official plat of survey, approved November 20, 1897.</p> <p>In 1896, William P. Heydon, U.S. Deputy Surveyor, retraced portions of the east boundary and subdivisional lines and completed the survey of the subdivisional lines, as shown on the official plat of survey, approved November 20, 1897.</p> <p>In 1967-68, Lynn M. Roseberry, Cadastral Surveyor, resurveyed portions of the north and east boundaries and subdivisional lines, as shown on the official plat of survey accepted December 5, 1975.</p> <p>In 1995, Bryan S. Seibold, Cadastral Surveyor, and Robert H. Browning Surveying Technician, resurveyed the south one-half mile between sections 13 and 14, as shown on the official plat of survey, accepted February 4, 1998.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, and the Special Instructions dated March 24, 1999, for Group No. 1905, Oregon.</p> <p>The directions of the lines are based on the true meridian as determined by direct solar observations and were carried forward by means of sustained angulation. All measurements along the lines were derived through the use of electronic measuring equipment. An analysis of the unadjusted field data assured a closure not exceeding 1:4000 in error. Lines not forming a closure were verified by a comparison with private measurements of</p>

T. 25 S., R. 7 W., Willamette Meridian, Oregon

FEET

record. Measured distance and direction have been analyzed and adjusted by Cadastral Measurement Management (CMM), computer software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at certain corner monuments. The DEEP-1 is composed of a strontium encased in a color coded plastic container. The units are one inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

Each new bearing tree has a 2½ X ¼ in. magnetic nail (Mag Nail) driven at the base on the right side-center, unless otherwise noted in the corner description.

The geographic position (NAD 1983 (91)) of the S 1/16 section corner of sections 13 and 14, as reported in the survey by Bryan S. Seibold in 1995, is as follows:

Latitude: 43° 23' 34.16" N. Longitude: 123° 29' 08.67" W.

The mean magnetic declination is 19° East.

**Dependent Resurvey of a Portion of the East Boundary,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

(Restoring the 1877 survey by William H. Byars,
the 1896 retracement by William P. Heyden, and
the 1967-68 dependent resurvey by Lynn M. Roseberry)

From the cor. of secs. 13, 18, 19 and 24, on the east bdy. of the Tp., perpetuated by Randall W. Smith, of the Douglas County Surveyors Office in 1998, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T, 25 S., R. 7 W., point identifier No. 700400, monumented with an iron post, 2½ ins. diam., firmly set projecting 7 ins. above the ground, with brass cap mkd.

	T 25 S	
R 7 W		R 6 W
S 13		S 18

S 24		S 19
1968		

**Dependent Resurvey of a Portion of the East Boundary,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	<p>from which the bearing trees mkd. by Roseberry</p> <p>A Madrone snag, 39 ins. diam., bears N. 50½° E., 87.6 ft. dist., with scribe marks R6WS18 B visible on partially healed blaze. (Record, N. 49° E., 88.44 ft.)</p> <p>A fir, 19 ins. diam., bears S. 57½° E., 124.1 ft. dist., with no marks visible on partially healed blaze. (Record, S. 59° E., 125.4 ft.)</p> <p>A decayed sawed stump, 2 ft. high, 26 ins. diam., bears N. 54° W., 62.7 ft. dist. with no marks visible.</p> <p>A root hole, bears S. 80° W., 48.8 ft. dist.</p> <p>and the bearing trees mkd. by Smith</p> <p>A fir, 7 ins. diam., bears N. 43¾° E., 19.2 ft. dist., with scribe marks BT visible on partially healed lower blaze.</p> <p>A fir, 5 ins. diam., bears N. 75° E., 14.6 ft. dist., mkd. with an X at breast height and BT at the base.</p> <p>Cor. is located 1.5 ft. N. of a fence cor., with three strands of barbed wire extending N., S., and E.</p> <p>N. 0° 26' 18" W., bet. secs. 13 and 18, on the E. bdy. of the Tp.</p> <p>Ascend a steep south slope, though dense brush, along a barbed wire fence.</p>
1320	Spur, slopes S. 40° E.; continue asc., over SE. slope.
1340	Top of ascent, slopes S. 75° E.; desc. over NE. slope.
2290	Ravine, drains S. 45° E., asc. over SE. slope.
2536.44	The 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., perpetuated by Milo E. Godfrey, of the Douglas County Surveyors Office in 1963, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T, 25 S., R. 7 W., point identifier No. 700440, monumented with an iron post firmly set projecting 12 ins. above the ground in a collar of stone, with brass cap mkd.

**Dependent Resurvey of a Portion of the East Boundary,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET

County Surveyors Office

T 25 N

1 R		R
/ 7 S 13		S 18 6
4 W		W

1963

from which the remains of the original bearing trees

A root hole, bears N. 82° E., 42.3 ft. dist.

A burned snag, 36 ins. diam., bears N. 2° W., 99.0 ft. dist.,
with a healed blaze.

and the remains of the bearing trees mkd. by Godfrey

A burned snag, 26 ins. diam., bears N. 1° E., 8.6 ft. dist.,
with a healed blaze.

A burned snag, 18 ins. diam., bears S. 85° W., 19.9 ft.
dist., with a healed blaze. (Record, 21.1 ft.)

and a new bearing tree

A fir, 18 ins. diam., bears N. 78° E., 90.7 ft. dist., mkd.
1/4 S18 BT.

No other trees within limits.

Cor. is located on a steep rocky slope. This area has been logged
and burned by a hot fire.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

(Restoring the 1856 survey by Dennis Hathorn,
the 1896 retracement and survey by William P. Heyden, and
the 1967-68 dependent resurvey by Lynn M. Roseberry)

From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the
Tp.

N. 86° 20' 58" W., bet. secs. 13 and 24.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	Descend over a W. slope through dense undergrowth.
90	Creek, 3 ft. wide, course S. 10° E.; asc. over E. slope.
865	Spur, slopes S. 10° E.; continue steep asc.
1565	Top of ascent, slopes S. 10° W.; desc. over broken SW. slope.
2115	Ravine, drains S. 15° E., continue desc.
2624.23	The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 2½ ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd.
	T 25 S R 7 W S 13 1/4 ————— S 24 1968
	from which the bearing trees mkd. by Roseberry
	A fir, 53 ins. diam., bears N. 23° W., 46.2 ft. dist., with a healed blaze.
	An oak, 40 ins. diam., bears S. 37° W., 62.0 ft. dist., with a healed blaze.
	and a new bearing tree
	A fir, 4 ins. diam., bears S. 26¾° W., 13.4 ft. dist., mkd. X BT.
	Cor. is located at the base of a steep west slope on the east side of a shelf.

	N. 86° 56' 34" W., beginning new measurement, blazing and tagging.
	Descend over a gentle W. slope.
925	Descent steepens.
1240	Creek, 10 ft. wide, course S. 10° E.; asc. over steep E. slope.
2400	Spur, slopes S. 20° E.; cont. desc. over broken SW. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET																										
2640.13	<p>The cor. of secs. 13, 14, 23 and 24, monumented with an iron post 1 in. diam., firmly set projecting 2 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 5px;">T 25</td> <td style="padding: 0 5px;">S</td> <td style="padding: 0 5px;">R</td> <td style="padding: 0 5px;">7</td> <td style="padding: 0 5px;">W</td> </tr> <tr> <td style="padding: 0 5px;">S 14</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;">S 13</td> <td colspan="2"></td> </tr> <tr> <td colspan="5" style="text-align: center;">-----</td> </tr> <tr> <td style="padding: 0 5px;">S 23</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;">S 24</td> <td colspan="2"></td> </tr> <tr> <td colspan="5" style="text-align: center;">1968</td> </tr> </table> </div> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">An oak snag, 36 ins. diam., bears N. 24° E., 163.7 ft. dist., with no visible scribe marks on a opened and rotted blaze.</p> <p style="padding-left: 40px;">An oak, 34 ins. diam., bears N. 15¾° W., 181.5 ft. dist., with no visible scribe marks on a opened and rotted blaze.</p> <p>and bearing trees mkd. by Roseberry</p> <p style="padding-left: 40px;">A madrone, 22 ins. diam., bears N. 71½° E., 100.8 ft. dist., with a healed blaze. (Record, 99.7 ft.)</p> <p style="padding-left: 40px;">A fir, 42 ins. diam., bears S. 77° E., 115.5 ft. dist., with a double healed blaze.</p> <p style="padding-left: 40px;">An oak, 18 ins. diam., bears S. 61° W., 209.9 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir, 29 ins. diam., bears N. 46° W., 216.5 ft. dist., with a healed blaze.</p> <p>From this point, the point determined as the cor. of secs. 13, 14, 23 and 24, by Bruce A. Shaner, Registered Professional Engineer No. 4906, in 1972 bears N. 75° 12' 30" E., 16.8 ft. dist. Monumented with an iron post, 1¼ in. diam., firmly set, projecting 18 ins. above the ground, with brass cap mkd. T25S R7W WM S14 S13 S23 S24 1972.</p> <p>Cor. is located above high rim rock, bears NW. and SE.</p> <hr/> <p>S. 88° 05' 45" W., bet. secs. 14 and 23, blazing and tagging.</p> <p>Descend over a steep W. slope.</p>	T 25	S	R	7	W	S 14		S 13			-----					S 23		S 24			1968				
T 25	S	R	7	W																						
S 14		S 13																								

S 23		S 24																								
1968																										
690	Ravine, course S. 20° W., ascend a steep E. slope.																									
990	Top of rim rock, bears NW. and SE.																									

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
1335.82	<p>The E 1/16 sec. cor. of secs. 14 and 23, monumented with an iron post, 2½ ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">S 14 E 1/16 ————— S 23 1968</p> <p>from which the bearing trees mkd. by Roseberry</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears N. 33° E., 74.5 ft. dist., with a healed blaze. (Record, 75.2 ft.)</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears S. 79½° E., 28.0 ft. dist., with a healed blaze. (Record, 29.0 ft.)</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 88° 05' 58" W., beginning new measurement, blazing and tagging.</p> <p>Ascend a steep SE. slope.</p>
200	Abandoned dirt road, 8 ft. wide, bears N. and S.
520	Ridge, bears N. 14° E. and S. 14° W.; desc. over NW. slope.
1050	Graveled road, 12 ft. wide, bears N. 6° W. and S. 15° W.
1155	Graveled road, 15 ft. wide, bears N. 38° E. and S. 38° W.
1342.16	<p>The 1/4 sec. cor. of secs. 14 and 23, perpetuated by Randall W. Smith, of the Douglas County Surveyors Office in 1998, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T. 25 S., R. 7 W., point identifier No. 540400, monumented with a 2½ in. iron post, firmly set, projecting 5 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">T 25 S R 7 W S 14 1/4 ————— S 23 1968</p> <p>from which the bearing trees mkd. by Roseberry</p> <p style="padding-left: 40px;">A fir, 22 ins. diam., bears N. 30° E., 18.8 ft. dist., with a healed blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 24 ins. diam., bears S. $31\frac{1}{2}^{\circ}$ E., 24.6 ft. dist., with a healed blaze. (Record, S. 33° E., 25.4 ft.)</p> <p>And the bearing tree mkd. by Smith</p> <p>A cedar, 7 ins. diam., bears N. $0\frac{3}{4}^{\circ}$ E., 36.0 ft. dist., mkd. 1/4S14 BT on a double blaze.</p> <p>A fir 19 ins. diam., bears S. 69° W., 19.8 ft. dist., mkd. 1/4S23 BT on a double blaze.</p> <p>Cor. is located at the base of a steep W. slope on the E. side of a shelf.</p> <hr/> <p style="text-align: center;">Subdivision of Section 13, T. 25 S., R. 7 W., Willamette Meridian, Oregon</p> <hr/> <p>From the 1/4 sec. cor. of secs. 13 and 24.</p> <p>N. $0^{\circ} 34' 08''$ W., on the N. and S. center line of sec. 13, blazing and tagging.</p> <p>Ascend a steep W. slope, though dense underbrush and second growth timer.</p>
2510.82	<p>The center 1/4 sec. cor. of sec. 13, established by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file M124-3, is accepted as a careful and faithful determination of the corner; monumented with a 5/8 in. rebar, firmly set projecting 3 ins. above the ground, with a 2 in. aluminum cap mkd.</p> <p style="text-align: center;">T 25 S R 7 W C 1/4 S 13 1996 PLS 1941</p> <p>from which the bearing trees mkd. by De Groot</p> <p>A fir, 9 ins. diam., bears N. $58\frac{3}{4}^{\circ}$ E., 13.4 ft. dist., with illegible scribe marks visible on partially healed double blaze.</p> <p>A fir, 8 ins. diam., bears S. $2\frac{3}{4}^{\circ}$ W., 15.7 ft. dist., with scribe marks C $\frac{1}{4}$ S 13 BT visible on partially healed double blaze.</p>

**Subdivision of Section 13,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	and reference monuments set by De Groot
	A 5/8 in rebar firmly set projection 2 ins. above the ground for a reference monument, bears N. 3° 43' 36" E., 17.8 ft. dist., with aluminum cap mkd. BTS ENG SURV.
	A 5/8 in rebar firmly set projection 3 ins. above the ground for a reference monument, bears N. 58° 43' 19" W., 18.1 ft. dist., with aluminum cap mkd. BTS ENG SURV.
	From the cor. point, an axle, 1¼ in. diam., with a 6 in. diam. hub atop, firmly set, projecting 6 ins. above the ground, bears S. 89° 46' W., 17.0 ft. dist. The purpose and origin of this monument is unknown and it was not utilized in the course of this survey.
	Cor. is located on a gentle W. slope.
	<hr/> From the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp.
	N. 86° 56' 01" W., on the E. and W. center line of sec. 13, blazing and tagging.
	Ascend a steep rocky, SE. slope,
810	Ascent flattens and enter dense reproduction timber.
1420	Top of ascent, and a dirt road, 12 ft. wide, bears S. 35° E., and N. 35° W., descend a W. slope through dense reproduction timber.
2390	Dirt road, 15 ft. wide, bears N. 10° E. and S. 10° W.
2628.64	The center 1/4 sec. cor. of sec. 13.
	<hr/> N. 86° 57' 34" W., beginning new measurement, blazing and tagging.
	Descend a W. slope, through second growth timber.
480	Rocky spur, slopes S. 80° W., descent steepens.
780	Creek, 8 ft. wide, course S. 30° W.; asc. over steep SE. slope.
1322.03	The center W 1/16 sec. cor. of sec. 13, established by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file M124-3, is accepted as a careful and faithful determination on the corner; monumented with a 5/8 in. rebar, firmly set projecting 3 ins. above the ground, with a 2 in. aluminum cap mkd.

**Subdivision of Section 13,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	T 25 S R 7 W W 1/16 C ——— C S 13 1996 PLS 1941
	from which the bearing trees mkd. by De Groot
	A maple, 6 ins. diam., bears N. 37° E., 38.4 ft. dist., with scribe marks CW 1/16 S13 BT visible on double blaze.
	A maple, 6 ins. diam., bears N. 78¾° E., 53.2 ft. dist., with scribe marks CW 1/16 S 13 BT visible on double blaze.
	Cor. is located in a rocky spring branch, course S. 53° E.
	—————
	N. 86° 57' 09" W., beginning new measurement, blazing and tagging.
	Ascend a broken SE. slope, through second growth timber.
290	Spur, slopes S. 15° E.; desc. over broken NW. slope.
320	Graveled road, 20 ft. wide, bears N. 55° E. and S. 80° W.
400	Graveled road, 20 ft. wide, bears N. 77° W. and S. 83° E.
720	Graveled road, 20 ft. wide, bears N. 80° E. and S. 50° W.
785	Graveled road, 20 ft. wide, bears N. 25° E. and S. 25° W.
1321.96	The 1/4 sec. cor. of secs. 13 and 14, perpetuated by Milo E. Godfrey, of the Douglas County Surveyors Office in 1963, subsequently recovered and utilized by Robert L. Dolan, Registered Professional Land Surveyor No. 1076, in 1994 and recorded in the Douglas County Surveyors Office, map file No. M118-74, recovered and utilized by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file No. M124-3, further perpetuated by Randall W. Smith, of the Douglas County Surveyors Office in 1998 and recorded in the Douglas County Surveyors Record of Government Corners Renewed, T, 25 S., R. 7 W., point identifier No. 600440, monumented with an iron post, 1¼ in. diam., firmly set, projecting 16 ins. above the ground, with a 2½ in brass cap mkd.
	T 25 S R 7 W 1/4 S 14 S 13 1962

**Subdivision of Section 13,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	<p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A decayed fir stump, size indeterminate, bears S. 82¼° E., 29.4 ft. dist., no marks visible</p> <p>and bearing trees mkd. by Godfrey</p> <p style="padding-left: 40px;">A fir, 26 ins. diam., bears N. 60¼° E., 42.2 ft. dist., with a healed double blaze.</p> <p style="padding-left: 40px;">A fir, 23 ins. diam., bears S. 72¾° W., 9.2 ft. dist., with a healed double blaze.</p> <p>and bearing trees mkd. by Smith</p> <p style="padding-left: 40px;">A fir , 7 ins. diam., bears N. 20° E., 30.1 ft. dist., with scribe marks S 13 CS BT visible on a partially healed double blaze.</p> <p style="padding-left: 40px;">A madrone, 14 ins. diam., bears N. 27° W., 52.4 ft. dist., with scribe marks 1/4 S 14 CS BT visible on partially healed double blaze.</p> <p>Cor. is located S., 100 ft. of a dirt road, 13 ft. wide, bears N. 70° E., and S. 55° W.</p> <hr/> <p>From the center W 1/6 sec. cor., of sec. 13.</p> <p>N. 0° 00' 58" W., on the N. and S. center line of the NW¼ of sec. 13, blazing and tagging.</p> <p>Ascend a broken SE. slope.</p>
585	Dirt road, 15 ft. wide, bears N. 42° E. and S. 42° W.
925	Ridge, bears N. 55° E. and S. 55° W.; desc. over steep NW. slope.
1165	Dirt road, 15 ft. wide, bears N. 48° E. and S. 57° W.
1328.79	The NW 1/16 sec. cor. of sec. 13, established by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file M124-3, is accepted as a careful and faithful determination of the corner; monumented with a 5/8 in. rebar, firmly set projecting 2 ins. above the ground, with a 2 in. aluminum cap mkd.

**Subdivision of Section 13,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	T25SR7W NW 1/16 S 13 1996 PLS1941
	from which the bearing trees mkd. by De Groot
	A fir, 17 ins. diam., bears N. 28° E., 26.7 ft. dist., with scribe marks NW 1/16 S13 BT visible on partially healed double blaze.
	A fir, 11 ins. diam., bears N. 80° E., 33.3 ft. dist., with scribe marks NW 1/16 S13 BT visible on partially healed double blaze.
	<hr/> N. 87° 12' 00" W., on the E. and W. center line of the NW¼ of sec. 13, blazing and tagging.
	Descend a steep NW. slope
140	Dirt road, 15 ft. wide, bears N. 56° E. and S. 58° W.
690	Dirt road, 12 ft. wide, bears N. 85° E. and S. 65° W.
1309.57	The N 1/16 sec. cor. of secs. 13 and 14, established by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file M124-3, is accepted as a careful and faithful determination of the corner; monumented with a 5/8 in. rebar, firmly set projecting 2 ins. above the ground, with a 2 in. aluminum cap mkd.
	T25SR7W N 1/16 S 14 S 13 1996 1972
	from which the bearing trees mkd. by Shanner in 1972
	A fir, 12 ins. diam., bears N. 65½° E., 16.5 ft. dist., with a healed blaze.
	A fir, 21 ins. diam., bears N. 30½° W., 17.8 ft. dist., with a healed blaze.
	and the bearing tree mkd. by De Groot

**Subdivision of Section 13,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 13 ins. diam., bears N. 31½° W., 7.2 ft. dist., with scribe marks N 1/16 S14 on the upper and BT visible on partially healed double blaze.</p> <p>Cor. is located on the N. edge of a recently logged clear cut and 12 ft. W. of a small drainage, course N. 18° W.</p> <p>Note: In 1972 Bruce Shaner Registered Professional Engineer No. 4906 established and monumented a position for this cor., recorded it in the Douglas County Surveyors Office, map file M49-1. Kristain O. De Groot found this cor. to be out of position, after consulting with Shaner and the Bureau of Land Management, the monument was moved to this accepted position.</p>
	<p>Subdivision of Section 14, T. 25 S., R. 7 W., Willamette Meridian, Oregon</p>
	<p>From the 1/4 sec. cor. of secs. 13 and 14.</p> <p>N. 89° 24' 31" W., on the E. and W. center line of sec. 14.</p> <p>Desc. over broken NW. slope.</p>
1320.56	Point for the center W 1/16 of sec. 14, not monumented.
1810	Spur, slopes N. 50° W.; continue desc. over broken NW. slope.
1860	Dirt road, 20 ft. wide, bears N. 20° W. and S. 20° E.
1960	Dirt road, 20 ft. wide, bears N. and S.
2641.12	Point for the center 1/4 sec. cor of sec. 14 at the intersection with the calculated N. and S. center line.
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T25SR7W C 1/4 S 14 1999</p> <p>from which</p> <p>A fir, 12 ins. diam., bears N. 57½° E., 29.3 ft. dist., mkd. C1/4 S14 BT.</p> <p>AMENDED SEE VOL. 56 PAGE 21824-7</p>

**Subdivision of Section 14,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
3976.79	<p style="text-align: center;">A fir, 11 ins. diam., bears N. $64\frac{3}{4}^{\circ}$ W., 16.9 ft. dist., mkd. XBT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located on a moderate NW. slope in second growth timber.</p> <p>The center W 1/16 sec. cor. of sec. 14, established by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file M124-3, is accepted as a careful and faithful determination of the corner; monumented with a 5/8 in. rebar, firmly set projecting 2 ins. above the ground, with a 2 in. aluminum cap mkd.</p> <p style="text-align: center;">T 25 S R 7 W W 1/16 C ——— C S 14 1996 PLS 1941</p> <p>from which the bearing trees mkd. by De Groot.</p> <p style="text-align: center;">A fir, 13 ins. diam., bears N. $76\frac{3}{4}^{\circ}$ E., 16.3 ft. dist., with scribe marks CW1/16S14 BT visible a partially healed double blaze.</p> <p style="text-align: center;">A fir, 9 ins. diam., bears S. $10\frac{3}{4}^{\circ}$ E., 11.9 ft. dist., with illegible scribe marks visible on partially healed double blaze.</p> <p>From this point the 1/4 sec. cor. of secs. 14 and 15, bears S. $89^{\circ} 23' 11''$ W., 1334.80 ft. dist., perpetuated by Bruce Shaner Registered Professional Engineer No. 4906 in 1972, recorded in the Douglas County Surveyors Office, map file No. M49-1, subsequently recovered and utilized by Robert L. Dolan, Registered Professional Land Surveyor No. 1076, in 1994, recorded in the Douglas County Surveyors Office, map file No. M118-74, recovered and utilized by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file No. M124-3, all recorded in the Douglas County Surveyors Record of Government Corners Renewed, T, 25 S., R. 7 W., point identifier No. 600440; monumented with an iron post, $1\frac{1}{4}$ in. diam., firmly set, projecting 8 ins. above the ground, with a $2\frac{1}{2}$ in brass cap mkd.</p> <p>AMENDED SEE VOL. 56 PAGE 21824-7</p>

**Subdivision of Section 14,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	T 25 S R 7 W 1/4 S 15 S 14 1972
	<p>from which the remains of an original bearing tree</p> <p style="padding-left: 40px;">A sawed and decayed fir stump, 36 ins. diam., bears N. 70° E., 12.5 ft. dist., scribe marks BT visible.</p> <p>and bearing trees mkd. by Shaner</p> <p style="padding-left: 40px;">A sawed fir stump, 48 ins. diam., bears S. 27½° W., 29.5 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir, 22 ins. diam., bears S. 63½° W., 17.6 ft. dist., with a healed blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A cedar, 8 ins. diam., bears N. 35¾° E., 17.0 ft. dist., mkd. 1/4 S14 BT.</p> <p>From the cor. point, an iron pipe ¾ in. diam., firmly set projecting 24 ins. above the ground, bears N. 54° 46' 15" E., 5.8 ft. dist. The purpose and origin of this monument is unknown and it was not utilized in the course of this survey.</p> <p>AMENDED SEE VOL. 56 PAGE 21824-7</p> <hr/> <p>From the N 1/16 sec. cor. of secs. 14 and 13.</p> <p>S. 89° 22' 52" W., on the E. and W. center line of the NE¼, sec. 14., blazing and tagging.</p> <p>Desc. over nearly level W. slope on the N. edge of a logged clear cut.</p> <p>900 Enter timber, desc. steepens and slope changes to W.</p> <p>1360 Creek, 8 ft. wide, course N. 30° W.; asc. over SE. slope.</p> <p>1945 Top of ascent, slopes S.; desc. over a N. slope.</p> <p>2649.07 The center N 1/16 sec. cor. of sec. 14, established by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file M124-3, is accepted as a careful and faithful determination of the corner; monumented with a 5/8 in. rebar, firmly set projecting 2 ins. above the ground, with a 2 in. aluminum cap mkd.</p>

**Subdivision of Section 14,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	T 25 S R 7 W C N 1/16 S 14 C 1996
	<p>from which the bearing trees mkd. by De Groot</p> <p>A fir, 20 ins. diam., bears N. 51° E., 35.5 ft. dist., with scribe marks CN 1/16 S14 BT visible on partially healed double blaze.</p> <p>A sawed fir stump, 19 ins. diam., bears S. 3° E., 8.7 ft. dist., with scribe marks CN 1/16 S14 BT visible on partially healed double blaze.</p> <p>and a new bearing tree</p> <p>A fir, 33 ins. diam., bears N. 44¾° W., 53.3 ft. dist., mkd. CN 1/16 S14 BT.</p> <p>Cor. is located on a steep, rocky, logged E. slope</p> <hr/> <p>From the E 1/16 sec. cor. of secs. 14 and 23.</p> <p>N. 0° 19' 51" W., on the N. and S. center line of the SE¼ of sec. 14, blazing and tagging.</p> <p>Ascend a broken E. slope, through second growth timber.</p>
990	<p>Top of a rock bluff, bears N. 55° E. and S. 24° W.; continue ascent over E. slope.</p>
1270.64	<p>Point for the SE 1/16 sec. cor. of sec. 14, at its calculated position.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">SE 1/16 S 14 1999</p> <p>from which bearing trees marked by Dolan in 1994</p> <p>A fir, 8 ins. diam., bears S. 76¾° E., 24.9 ft. dist., mkd. SE 1/16 S14 BT on a double blaze.</p>

**Subdivision of Section 14,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 11 ins. diam., bears N. $42\frac{3}{4}^{\circ}$ W., 17.4 ft. dist., mkd. SE 1/16 S14 BT on a double blaze.</p> <p>and a new bearing tree</p> <p>A fir, 17 ins. diam., bears N. $46\frac{3}{4}^{\circ}$ W., 4.6 ft. dist., mkd. SE 1/16 S14 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located 9.0 ft. N. of an abandoned dirt road, bears N. 55° E. and S. 55° W.</p> <p>From the cor. point, a cor. established by Robert Dolan Registered Professional Land Surveyor No. 1076, in 1994, recorded in the Douglas County Surveyors Office, map file M118-74, bears N. $12^{\circ} 15' 32''$ W., 3.47 ft. dist., monumented with a 5/8 in. rebar firmly set flush in the ground, with a 1 in. yellow plastic cap mkd. LS1076. This point was established using improper control and not utilized in the course of this survey.</p> <hr/> <p>N. $88^{\circ} 44' 55''$ E., on the E. and W. center line of the SE$\frac{1}{4}$ of sec. 14, blazing and tagging.</p> <p>Ascend a broken SW. slope, through second growth timber.</p>
910	Spur, slopes S. 20° E.; desc. over SE. slope.
1328.10	<p>The S 1/16 sec. cor. of secs. 13 and 14, monumented with a stainless steel post, 2$\frac{1}{2}$ in. diam., firmly set projecting, 3 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">S 1/16 S 14 S 13 1995</p> <p>from which a tree mkd. by Bruce A. Shaner, Registered Professional Engineer, No. 4906, in 1972</p> <p>A fir, 40 ins. diam., bears N. $66\frac{1}{2}^{\circ}$ E., 18.5 ft. dist., with a healed blaze.</p> <p>and a bearing tree mkd. by Seibold</p> <p>A fir, 12 ins. diam., bears S. $31\frac{3}{4}^{\circ}$ W., 47.5 ft. dist., with a healed blaze.</p>

**Subdivision of Section 14,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
	<p>From this point, the point established by Shaner, bears N. 75° 10' 59" E., 8.84 ft. dist., monumented with an iron post 1¼ in. diam., firmly set, projecting 9 ins. from the ground, with brass cap mkd. T25S R7W WM S1/16 S14 S13 1972. From which the remains of a bearing tree mkd. by Shaner</p> <p style="padding-left: 40px;">A stump, 46 ins. diam., bears N. 54½° W., 17.8 ft. dist., with a healed blaze.</p> <hr/> <p>From the center N 1/16 sec. cor. of sec. 14.</p> <p>S. 89° 25' 37" W., on the E. and W. center line of the NW¼ of sec. 14, blazing and tagging.</p> <p>Ascend a broken N. slope, through second growth timber.</p>
1015	<p>Top of ascent, slopes N. 70° W.; desc. over NW. slope.</p>
1331.56	<p>The NW 1/16 sec. cor. of sec. 14, established by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file M124-3, is accepted as a careful and faithful determination of the corner; monumented with a 5/8 in. rebar, firmly set projecting 3 ins. above the ground, with a 2 in. aluminum cap mkd.</p> <p style="text-align: center;">T25SR7W NW 1/16 S 14 1996 PLS1941</p> <p>from which the bearing trees mkd. by De Groot</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears N. 63° E., 13.2 ft. dist., with scribe marks NW 1/16 S14 BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. 28° W., 11.5 ft. dist., with scribe marks NW 1/16 S14 BT visible on partially healed double blaze.</p> <p>Cor. is located 42 ft. N of a dirt road, 15 ft. wide, bears S. 85° E and W.</p> <hr/> <p>N. 0° 18' 16" E., on the N. and S. center line of the NW¼ of sec. 14, blazing and tagging.</p>

**Subdivision of Section 14,
T. 25 S., R. 7 W., Willamette Meridian, Oregon**

FEET	
1319.44	<p>Descend a broken NW. slope through dense second growth timber.</p> <p>The W 1/16 sec. cor. of secs. 11 and 14, established by Kristian O. De Groot, Registered Professional Land Surveyor No. 1941, in 1996, recorded in the Douglas County Surveyors Office, map file M124-3, is accepted as a careful and faithful determination of the corner; monumented with a 5/8 in. rebar, firmly set projecting 2 ins. above the ground, with a 2 in. aluminum cap mkd.</p> <p style="text-align: center;">T 25 S R 7 W S 11 W 1/16 ——— S 14 1996 PLS 1941</p> <p>from which the bearing trees mkd. by De Groot.</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears S. 16° W., 15.6 ft. dist., with scribe marks W1/16S14 BT visible on the partially healed double blaze.</p> <p style="padding-left: 40px;">A cedar, 7 ins. diam., bears N. 56½° W., 69.2 ft. dist., with scribe marks W1/16S11 BT visible on the healed double blaze.</p> <p>Cor. is located on a very steep N. slope, 119 ft. north of creek 6 ft. wide, course N. 80° W.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The lands included in the foregoing survey are located in the mountainous area approximately 2¼ miles northwesterly of the community of Umpqua Oregon. The elevation ranges from 990 ft. above sea level at the corner of sections 12, 13, 24 and 25 on the east boundary of the township, to 2550 ft. above sea level at the USGS triangulation station "TEYEE" located in the NE¼ of section 13.</p> <p>The area is drained by small seasonal drainages that flow into the main stem of the Umpqua River.</p> <p>Access is gained via Interstate Route 5, State Highway No. 138, County Roads 6, 9, 31A, 31D, and 33, with gravel and dirt roads branching from them into the area.</p> <p>No mineral deposits were noted along the lines surveyed. The lands are used primarily for timber.</p>

T. 25 S., R. 7 W., Willamette Meridian, Oregon

FEET	<p>The mean magnetic declination as taken from U.S. Geological Survey Quadrangle map "TYEE MOUNTAIN, OREG.", provisional edition 1987, is 19° East.</p> <hr/>
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