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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 26 SOUTH, RANGE 3 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON

EXECUTED BY

Jeffrey O. Covington, Cadastral Surveyor

Under Special Instructions approved February 22, 2016,
which provided for the surveys included under Group No. 2822,
and Assignment Instructions dated February 22, 2016.

Survey commenced February 23, 2016

Survey completed March 3, 2016

T. 26 S., R. 3 W., Willamette Meridian, Oregon

FEET

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Township 26 South, Range 3 West, Willamette Meridian, Oregon.

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

In 1877, W. H. Byars, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines as shown in the official field notes of survey approved February 7, 1879.

In 1882, Samuel C. Flint, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines as shown on the official plat of survey approved October 23, 1882.

In 1962-63, C. Albert White, Cadastral Surveyor, and Donald R. Beck and Patrick J. Reynolds, Surveying Technicians, dependently resurveyed a portion of the subdivisional lines and subdivided sections 1 and 21, as shown on the official plat of survey accepted November 19, 1964.

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., or Professional Engineer (PE) No., and year.

<u>Date</u>	<u>Name and Registration Number</u>	<u>File Number</u>
1923	J.W. Cole, Douglas County Surveyor	CS1/40-1 & 2
1934	Ben B. Irving, Deputy County Surveyor	CS46/105
1925	H.L. Eppstein, Douglas County Surveyor	CS 1/40-3
1955	James W. Byron, Deputy County Surveyor	CS46/105, M7-10
1960	George E. Grubb, PE No. 4250	CS46/105
1960	James W. Byron, Deputy County Surveyor	M19-76
1962	Lester E. Calder, PE No. 2149	CS51/87
1964	Bruce A. Shaner, PE No. 4906	M22-61
1966	Douglas County Surveyor's Office	CS54/7-56
1971	Bruce R. Rogers, PLS No. 660	M44-11
1974	Glen S. Baughman, PLS No. 536	RM2-69
1976	Bruce A. Shaner, PE No. 4906	M56-34
1976	Larry E. Monrean, Deputy County Surveyor	CS59/18-1
1985	Donald A. Bentz, PLS No. 839	M98-61
1985	Larry E. Monrean, PLS No. 1830	CS62/29-2
1989	Larry E. Monrean, PLS No. 1830	CS64/1-16C
1998	Harvey M. Christensen, PLS No. 2603	M128-59
1999	Harvey M. Christensen, PLS No. 2603	CS65/23-10 M133-77

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), and the special instructions approved February 22, 2016, for Group No. 2822, Oregon.

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The directions of the lines are based on the true meridian as determined by Global Positioning System (GPS) techniques 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 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 surveys and resurvey 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 monument established or reestablished 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 corner determined by ties from temporary GPS control points, established utilizing dual frequency, carrier phase GPS receivers, and processed using the National Geodetic Survey's Online Positioning User Service (OPUS):

The corner of sections 1, 2, 11, and 12:

Latitude: 43° 19' 47.03" N. Longitude: 123° 00' 39.56" W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 S., R. 3 W., Willamette Meridian, Oregon**

Restoring the survey by W. H. Byars in 1877, the survey by Samuel C. Flint in 1882, and the resurvey by C. Albert White, Donald R. Beck, and Patrick J. Reynolds in 1962-63

Beginning at the cor. of secs. 1, 2, 11, and 12, monumented with an iron post, 1 1/4 ins. diam., loosely set, projecting 26 ins. above ground, with a brass cap mkd.

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**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 S., R. 3 W., Willamette Meridian, Oregon**

FEET

COUNTY SURVEYORS OFFICE

T 26 S R 3 W

S 2 | S 1

—
S 11 | S 12

1960

from which the remains of the original bearing trees reported by White et. al., in 1962-63

A roothole, bears S. $86\frac{3}{4}^{\circ}$ W., 43.6 ft. dist., alongside of which is a down fir, 42 ins. diam., with a healed blaze.

A fir snag, 60 ins. diam., bears N. $24\frac{1}{4}^{\circ}$ W., 99.0 ft. dist., with no marks visible.

and the remains of the bearing trees mkd. by Byron, Deputy County Surveyor, in 1960 and reported by White et. al.

A fir snag, 9 ins. diam., bears N. $62\frac{3}{4}^{\circ}$ E., 25.7 ft. dist., with a healed blaze.

A roothole bears S. $78\frac{1}{2}^{\circ}$ E., 17.8 ft. dist., alongside of which is a down fir, 19 ins. diam., with a healed blaze.

A fir, 12 ins. diam., bears N. $54\frac{3}{4}^{\circ}$ W., 16.2 ft. dist., with a healed blaze.

At the corner point

Reset the iron post, 32 ins. long, 28 ins. in the ground and deposit a magnet in a white plastic case at the base of the cor.

from which new accessories

A fir, 20 ins. diam., bears N. $80\frac{1}{4}^{\circ}$ E., 36.0 ft. dist., mkd.
T26S R3W S1 BT.

An iron rod, 30 ins. long, $\frac{5}{8}$ in. diam., driven 26 ins. in the ground for a reference monument, bears S. $41^{\circ} 42' 29''$ E., 5.0 ft. dist., with an aluminum cap mkd. RM T26S R3W S12 5.0 FT TO COR and an arrow pointing to the cor.

An iron rod, 30 ins. long, $\frac{5}{8}$ in. diam., driven 28 ins. in the ground for a reference monument, bears S. $41^{\circ} 13' 05''$ W., 5.0 ft. dist., with an aluminum cap mkd. RM T26S R3W S11 5.0 FT TO COR and an arrow pointing to the cor.

Corner is located on a NW. slope.

N. $1^{\circ} 15' 20''$ E., bet. secs. 1 and 2.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 S., R. 3 W., Willamette Meridian, Oregon**

FEET	
1095	Left bank of the North Umpqua River, bears N. 75° E. and S. 65° W., course N. 65° E. Continue across water.
1290	Right bank of the North Umpqua River, bears N. 85° E. and S. 60° W., course S. 65° W. Continue over land and ascend through heavy undergrowth and timber.
1312.92	<p>Point for the S 1/16 sec. cor. of secs. 1 and 2, at proportionate dist.; there is no remaining evidence of the iron post monument set by White et. al., in 1962-63.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a mound of stone, 3 ft. base, to the top, with a brass cap mkd.</p> <p align="center"> S 1/16 S 2 S 1 2016 </p> <p>from which</p> <p>A multi-trunked maple, 18 ins. diam., bears N. 19 1/4° E., 39.8 ft. dist. to main trunk, mkd. S1/16 S1 BT in the bark.</p> <p>A multi-trunked maple, 12 ins. diam., bears N. 4° W., 37.7 ft. dist. to main trunk, mkd. S1/16 S2 BT in the bark.</p> <p>Corner is located in the rip-rap of the right bank of the North Umpqua River.</p>
1398	Oregon State Highway No. 138, asphalt surfaced, 30 ft. wide, bears N. 75° E. and S. 65° W.
1422.83	<p>The witness cor. for the S 1/16 sec. cor. of secs. 1 and 2, perpetuated by Monrean, PLS No. 1830, in 1989 and now functions as an Angle Point; monumented with an iron rod, 3/4 in. diam., firmly set, with top 4 ins. below the surface of the ground, from which the remains of the accessories mkd. by Byron, Deputy County Surveyor, in 1960 and reported by White et. al., in 1962-63</p> <p>A vertical chiseled line on a concrete curb that is now part of the foundation of a building, bears N. 1° 23' 20" E., 54.90 ft. dist.</p> <p>A fir stump, 38 ins. diam., bears N. 37° W., 83.2 ft. dist., with a healed blaze.</p> <p>and the accessories mkd. by the Monrean</p> <p>An iron rod, 3/4 in. diam., firmly set, with top flush with the surface of a concrete pad, bears N. 24° 00' 43" E., 41.33 ft. dist.</p> <p>A chiseled "+" on the easterly cor. of a concrete storm drain, 2 x 3 ft., bears N. 88° 16' 02" W., 62.90 ft. dist.</p> <hr/>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 S., R. 3 W., Willamette Meridian, Oregon**

FEET	
	<p>From the cor. of secs. 1, 2, 11, and 12.</p> <p>N. 87° 35' 46" W., bet. secs. 2 and 11.</p>
605	<p>Left bank of the North Umpqua River, bears N. 20° W. and S. 45° W., course S. 35° W. Continue across water.</p>
855	<p>Right bank of the North Umpqua River, bears N. 30° E. and S. 20° W., course S. 35° W. Continue over land through timber.</p>
945	<p>Oregon State Highway No. 138, asphalt surfaced, 25 ft. wide, bears N. 35° E. and S. 35° W.</p>
995	<p>Graveled road, 12 ft. wide, bears N. 35° E. and S. 30° W.</p>
1292.29	<p>The E 1/16 sec. cor. of secs. 2 and 11, established by Shaner, PE No. 4906, in 1964; and is accepted as the cor., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground, from which the remains of the bearing trees mkd. by Shaner</p> <p style="padding-left: 40px;">A fir snag, 34 ins. diam., bears S. 9 1/2° W., 64.2 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir, 24 ins. diam., bears N. 58° W., 23.9 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, 30 ins. long, with a brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> $\begin{array}{c} \text{S } 2 \\ \text{W } 1/16 \text{ —————} \\ \text{S } 11 \\ 2016 \end{array}$ </div> <p>from which a new bearing tree</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears S. 26° W., 19.1 ft. dist., mkd. X BT.</p> <p>Corner is located on a SE. slope.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 87° 26' 31" W., beginning new measurement.</p>
1283.97	<p>The 1/4 sec. cor. of secs. 2 and 11, perpetuated by Cole, Douglas County Surveyor, in 1923, utilized by Eppstein, Douglas County Surveyor, in 1925, and by Irving, Deputy County Surveyor, in 1934, further perpetuated by Byron, Deputy County Surveyor, in 1955, utilized by Grubb, PE No. 4250, in 1960, and by Calder, PE No. 2149, in 1962, further perpetuated by Shaner, PE No. 4906, in 1964, and by the Douglas County Surveyor's Office, in 1966, utilized by Rogers, PLS No. 660, in 1971, rejected by Baughman, PLS No. 536, in 1974, utilized by Shaner, PE No. 4906, in 1976, rejected by Monrean, Deputy County Surveyor, in 1976, utilized by Bentz, PLS No. 839, in 1985,</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
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FEET	
	<p>rejected by Monrean, PLS No. 830, in 1985, and by Christensen, PLS No. 2603, in 1998, and further perpetuated by Christensen, PLS No. 2603, in 1999, from original evidence no longer in existence, and is accepted for the cor., as documented in the report by Covington, dated May 10, 2017; monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 4 ft. base, to the top, with a brass cap mkd.</p> <p align="center">DOUGLAS COUNTY T 26 S R 3 W S 2 1/4 ——— S 11 LS 2603</p> <p>from which the remains of a bearing tree mkd. by Cole</p> <p>A fir stump, 18 ins. diam., bears S. 46° E., 45.8 ft. dist., with no marks visible.</p> <p>and the remains of the bearing trees mkd. by Byron</p> <p>A fir stump, 34 ins. diam., bears N. 76° E., 26.5 ft. dist., with a healed blaze.</p> <p>A fir, 36 ins. diam., bears S. 25 3/4° W., 54.3 ft. dist., with a healed blaze.</p> <p>and the bearing trees mkd. by Christensen in 1999</p> <p>A fir, 20 ins. diam., bears N. 73° E., 59.0 ft. dist., with a healed blaze.</p> <p>A fir, 21 ins. diam., bears S. 4 1/2° E., 63.5 ft. dist., with a healed blaze.</p> <p>A fir, 26 ins. diam., bears N. 35° W., 14.3 ft. dist., with a healed blaze.</p> <p>An iron rod, 5/8 in. diam., firmly set, projecting 7 ins. above ground, established by person(s) unknown, is alongside the cor.</p> <p>Corner is located on a S. slope, alongside a fence extending N. and S.</p> <p>From this cor., a point erroneously established as the 1/4 sec. cor. of secs. 2 and 11 by Baughman, PLS No. 536, in 1974, subsequently rejected by Shaner, PE No. 4906, in 1976, further perpetuated by Monrean, Deputy County Surveyor, in 1976, recovered by Monrean, PLS No. 830, in 1985, further perpetuated by Christensen, PLS No. 2603, in 1998, and rejected by Christiansen, PLS No. 2603, in 1999, as documented in the report by Covington, dated May 10, 2017, bears S. 29° 01' 35" W., 120.01 ft. dist.; and was not utilized for control in the course of this survey due to improper procedure; monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 5 ins. above the ground, with an unmarked brass cap, from which bearing trees mkd. by Baughman</p>

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**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 S., R. 3 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 30 ins. diam., bears S. 10° E., 25.3 ft. dist., with a healed blaze.</p> <p>A fir, 13 ins. diam., bears N. 11 1/2° W., 23.2 ft. dist., with a healed blaze.</p> <p>and the bearing trees mkd. by Christensen in 1998</p> <p>A fir, 24 ins. diam., bears N. 25 1/2° E., 26.0 ft. dist., with a healed blaze.</p> <p>A fir, 23 ins. diam., bears S. 69° W., 22.0 ft. dist., with a healed blaze.</p> <p>An iron rod, 5/8 in. diam., firmly set, projecting 10 ins. above the ground is alongside the point.</p> <p>Point is located on a S. slope.</p> <p>Note: The 1974 Baughman survey, of which this cor. is a part, was Ordered, Adjudged and Decreed to be the boundary line between two private parties in the Circuit Court of the State Of Oregon for Douglas County under Decree No. 75-210, filed in the Douglas County Clerk's Office on September 9, 1975. The original evidence recovered for the 1/4 sec. cor. of secs. 2 and 11 by Cole, Douglas County Surveyor, in 1923, and it's controlling effect on the boundary of Federal interest lands in section 11 precludes official recognition of the Baughman cor., as documented in the report by Covington, dated May 10, 2017.</p> <hr/>