

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 23,
TOWNSHIP 30 SOUTH, RANGE 3 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON

EXECUTED BY

Jeffrey O. Covington, Cadastral Surveyor

Under Special Instructions approved September 3, 2015,
which provided for the surveys included under Group No. 2813,
and Assignment Instructions dated September 3, 2015.

Survey commenced September 28, 2015

Survey completed April 13, 2017

T. 30 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 and the subdivision of section 23, Township 30 South, Range 3 West, Willamette Meridian, Oregon.

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

In 1858, Dennis Hathorn, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines as shown on the official plat of survey approved February 20, 1858.

In 1893, William M. Bushey, U.S. Deputy Surveyor, surveyed the remainder of the subdivisional lines as shown on the official plat of survey approved June 29, 1895.

In 1972, Stephen D. Albright and Jack W. Bowder, Cadastral Surveyors, resurveyed a portion of the subdivisional lines as shown on the official plat of survey accepted January 13, 1976.

In 2006, A. Bert Skeesick, Cadastral Surveyor, correctively resurveyed a portion of the subdivisional lines as shown on the official plat of survey accepted April 5, 2010.

In 2008, Kenneth W. Saveland, Cadastral Surveyor, resurveyed a portion of the subdivisional lines as shown on the official plat of survey accepted February 10, 2011.

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

<u>Date</u>	<u>Name and Registration Number</u>	<u>File Number</u>
1952	John H. Markham Jr., PE No. 2880	CS 41/30
1960	Bruce A. Shaner, PLS No. 430	CS 51/105
1960	John H. Markham Jr., PE No. 2880	CS 42/392
1962	James W. Byron, Deputy County Surveyor	CS 49/47
1963	James W. Byron, Deputy County Surveyor	CS 52/138
1967	Douglas County Surveyor's Office	CS 54/52
1977	Larry E. Monrean, Deputy County Surveyor	CS 59/31
1977	Gary L. Langlitz, Deputy County Surveyor	CS 59/31
2003	Tony Hostetter, PLS No. 1975	M141-79
2007	Raymond F. Brown, PLS No. 239 1	M152-60
2009	Ronald L. Rice, PLS No. 54633	M158-53
2014	James M. Klein, PLS No. 59002	M-166-19 A-E
2014	Richard R. Kitz, PLS No. 1853	M-166-19 A-E
2014	Corey M. Woodruff, PLS No. 62978	M168-61

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), and the special instructions approved September 3, 2015, for Group No. 2813, Oregon.

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET

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 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 23 and 26:

Latitude: 42° 56' 45.517" N. Longitude: 123° 01' 53.240" W.

The 1/4 section corner of sections 14 and 15:

Latitude: 42° 58' 04.150" N. Longitude: 123° 02' 28.987" W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 S., R. 3 W., Willamette Meridian, Oregon**

Restoring the 1858 survey by Dennis Hathorn, the 1893 survey by William M. Bushey, the 1972 resurvey by Stephen D. Albright and Jack W. Bowder, the 2006 resurvey by A. Bert Skeesick, and the 2008 resurvey by Kenneth W. Saveland

Beginning at the 1/4 sec. cor. of secs. 22 and 23, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 8 ins. above ground with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
	COUNTY SURVEYORS OFFICE T 30 S R 3 W 1/4 S 22 S 23 1967
	from which the remains of the original bearing trees reported by Saveland in 2008
	A root hole bears N. 42° E., 23.8 ft. dist., with a fallen, burnt cedar trunk, size indeterminate, lying alongside, with no marks visible.
	A decayed fir stump, size indeterminate, bears S. 37° W., 5.6 ft. dist., with no marks visible.
	and the remains of the bearing trees mkd. by the Douglas County Surveyor's Office in 1967, reported by Saveland
	A fir, 23 ins. diam., bears S. 44 3/4° E., 12.6 ft. dist., with a healed blaze.
	A sawed fir stump, 21 ins. diam., bears S. 81 3/4° W., 13.4 ft. dist., with a healed blaze.
	and a new bearing tree
	A fir, 17 ins. diam., bears N. 70 1/4° W., 42.4 ft. dist., mkd. 1/4 S22 BT.
	Corner is located on a S. slope.
	N. 0° 04' 23" E., bet. secs. 22 and 23.
290	Graveled road, 16 ft. wide, bears N. 30° E. and S. 30° W.
365.53	From this point, an alignment pin for the proposed Pacific Connector Gas Pipeline Project, established by Kitz, PLS No. 1853, in 2014, bears East, 40.92 ft. dist., monumented with an iron rod, 5/8 in. diam., firmly set, flush with ground, with an orange plastic cap mkd. KITZ 1853.
478.09	An alignment pin for the proposed Pacific Connector Gas Pipeline Project, established by Klein, PLS No. 59002, in 2014, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with a yellow plastic cap mkd. KLEIN & ASSOC. PLS 59002.
1190	Graveled road, 12 ft. wide, bears S. 85° E. and N. 85° W.
1290	Graveled road, 12 ft. wide, bears N. 45° E. and S. 85° W.
1318.47	The N 1/16 sec. cor. of secs 22 and 23, established by Woodruff, PLS No. 62978, in 2014, and is accepted for the cor., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 6 ins. above ground with aluminum cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET

A sawed fir stump, 47 ins. diam., bears N. $39\ 1/2^\circ$ E., 189.6 ft. dist., with scribe marks T30S R3W S14 BT visible on a partially healed blaze.

and the bearing trees mkd. by Skeesick in 2006, reported by Saveland

A fir, 13 ins. diam., bears N. $49\ 3/4^\circ$ E., 27.7 ft. dist., with a healed blaze.

A fir, 8 ins. diam., bears S. $46\ 1/4^\circ$ E., 32.2 ft. dist., with a healed blaze.

A fir, 10 ins. diam., bears N. $72\ 1/4^\circ$ W., 16.0 ft. dist., with a healed blaze.

Corner is located on a SW. slope.

From the cor. of secs. 13, 14, 23, and 24, perpetuated by Byron, Deputy County Surveyor, in 1962, further perpetuated by the Douglas County Surveyor's Office in 1967, and by Hostetter, PLS No. 1975, in 2003, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 30 S R 3 W

S 14 | S 13

—————|—————

S 23 S 24

1962

from which the remains of the original bearing trees

A fir stump, 30 ins. diam., bears N. 85° E., 19.8 ft. dist., with a healed blaze.

A fir stump, 16 ins. diam., bears S. 5° E., 23.1 ft. dist., with illegible scribe marks visible on a partially opened blaze.

A fir stump, 25 ins. diam., bears S. 16° W., 13.2 ft. dist., with illegible scribe marks visible on a partially opened blaze.

A fir stump, 42 ins. diam., bears N. 80° W., 27.7 ft. dist., with a healed blaze.

and the remaining bearing tree mkd. by Byron

A fir, 31 ins. diam., bears N. $83\ 1/4^\circ$ E., 57.7 ft. dist., with a healed blaze.

and the bearing tree mkd. by the Douglas County Surveyor's Office in 1967

A maple, 22 ins. diam., bears N. 22° W., 58.2 ft. dist., with a healed blaze.

and the bearing trees mkd. by Hostetter

A fir, 12 ins. diam., bears N. 28° E., 16.1 ft. dist., with a healed blaze.

Dependent Resurvey of a Portion of the Subdivisional Lines,

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
	<p>A fir, 16 ins. diam., bears S. 87 1/2° E., 80.2 ft. dist., with a healed blaze.</p> <p>A fir, 15 ins. diam., bears N. 83 1/4° W., 10.2 ft. dist., with a healed blaze.</p> <p>Corner is located on a NE. slope.</p> <p>S. 89° 59' 41" W., bet. secs. 14 and 23.</p>
1335.46	<p>The E 1/16 sec. cor. of secs 14 and 23, established by Rice, PLS No.54633, in 2009, and is accepted for the cor., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 5 ins. above ground, with aluminum cap mkd.</p> <p align="center">S 14 E 1/16 — S 23 2009 54633 LS</p> <p>from which the bearing trees mkd. by Rice</p> <p>A fir, 10 ins. diam., bears N. 19 1/4° E., 4.9 ft. dist., with a healed blaze.</p> <p>A fir, 10 ins. diam., bears S. 11 3/4° E., 26.5 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., 24 ins. in the ground, directly over the iron rod (36 ins. long), with brass cap mkd.</p> <p align="center">S 14 E 1/16 — S 23 2015</p> <p>From this cor., a point established by person(s) unknown for unknown purpose, bears S. 86° 54' 43" E., 9.24 ft. dist., monumented with an iron pipe, 1 1/4 ins. diam., firmly set, projecting 11 ins. above ground, and was not utilized for control in this survey.</p> <p>Corner is located on a ENE. slope.</p>
2386	Graveled road, 12 ft. wide, bears S. 50° E. and N. 30° W.
2671.00	The 1/4 sec. cor. of secs 14 and 23, perpetuated by the Douglas County Surveyor's Office in 1967, from original evidence no longer in existence, further perpetuated by Rice, PLS No.54633, in 2009, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
	<p align="center">COUNTY SURVEYORS OFFICE T 30 S R 3 W S 14 1/4 — S 23 1967</p> <p>from which accessories by the Douglas County Surveyor's Office</p> <p>A railroad spike driven into the top of a fir stump, 42 ins. diam., bears S. 75 1/2° W., 31.6 ft. dist., with no marks visible.</p> <p>A railroad spike driven into the top of a fir stump, 28 ins. diam., bears N. 3 3/4° W., 28.8 ft. dist., with no marks visible.</p> <p>and bearing trees mkd. by Rice</p> <p>A pine, 12 ins. diam., bears N. 23° E., 24.2 ft. dist., with a healed blaze.</p> <p>A pine, 11 ins. diam., bears S. 38 3/4° E., 14.2 ft. dist., with a healed blaze.</p> <p>Corner is located on a SE. slope.</p> <hr/> <p>N. 89° 48' 24" W., beginning new measurement.</p>
1329.35	<p>Point for the W 1/16 sec. cor. of secs 14 and 23.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p align="center">S 14 W 1/16 — S 23 2015</p> <p>from which</p> <p>A madrone, 7 ins. diam., bears N. 28 3/4° E., 23.1 ft. dist., mkd. W1/16 S14 BT.</p> <p>A fir, 9 ins. diam., bears S. 59 1/4° E., 36.8 ft. dist., mkd. W1/16 S23 BT.</p> <p>From this cor., a point established by person(s) unknown for unknown purpose, bears N. 88° 21' 46" E., 2.27 ft. dist., monumented with an iron pipe, 1 1/4 ins. diam., firmly set, projecting 15 ins. above ground, and was not utilized for control in the survey.</p> <p>Corner is located on a SE. slope.</p>
1420	Graveled road, 10 ft. wide, bears N. 25° E. and S. 25° W.

Dependent Resurvey of a Portion of the Subdivisional Lines,

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
1520	Graveled road, 10 ft. wide, bears N. and S.
2658.70	The sec. cor. of secs. 14, 15, 22, and 23. <hr/>
2560.86	<p>N. 0° 13' 55" E., bet. secs. 14 and 15.</p> <p>The remains of an original line tree, a sawed decayed fir stump, 72 ins. diam., with no marks visible, identified by Shaner, PLS No. 430, in 1960. This corner now becomes an Angle Point.</p> <p>At the corner point</p> <p>Set an iron rod, 5/8 in. diam., 32 ins. long, 32 ins. in the ground, with top flush with the ground surface, and aluminum cap, 3 1/2 ins. diam., mkd.</p> <p align="center">T 30 S R 3 W AP S 15 S 14 2017</p> <p>from which new bearing trees</p> <p> An alder, 12 ins. diam., bears N. 76 1/4° E., 14.2 ft. dist., mkd. X BT.</p> <p> A fir, 14 ins. diam., bears N. 31 1/2° W., 11.7 ft. dist., mkd. X BT.</p> <hr/>
115.10	<p>N. 0° 29' 06" E., beginning new measurement.</p> <p>The 1/4 sec. cor. of secs 14 and 15, perpetuated by Shaner, PLS No. 430, in 1960, from original evidence no longer in existence, further perpetuated by the Douglas County Surveyor's Office in 1967, and by Monrean, Deputy County Surveyor, in 1977, and by Rice, PLS No. 54633, in 2009, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 8 ins. above ground with brass cap incorrectly mkd.</p> <p align="center">DOUGLAS COUNTY SURVEYOR T 30 S R 3 W 1/4 S 13 S 14 1977</p> <p>from which the remains of a bearing tree mkd. by Shaner</p> <p> A burnt, decayed yew stump, size indeterminate, bears N. 30° W., 27.5 ft. dist., with a fallen, burnt, decayed yew trunk, size indeterminate, lying alongside, with no marks visible.</p> <p>and the remains of the bearing trees mkd. by the Douglas County Surveyor's Office</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,**T. 30 S., R. 3 W., Willamette Meridian, Oregon**

FEET

A decayed hemlock stump, 24 ins. diam., bears N. $3\ 1/4^\circ$ E., 55.5 ft. dist., with no marks visible.

A fir, 34 ins. diam., bears N. $19\ 1/4^\circ$ W., 34.4 ft. dist., with a healed double blaze.

and the remains of a bearing tree mkd. by Monrean

A root hole bears S. $1\ 3/4^\circ$ E., 52.4 ft. dist., with a fallen, decayed yew trunk, 9 ins. diam., lying alongside, with no marks visible on a hollowed blaze.

and a bearing tree mkd. by Rice

A fir, 18 ins. diam., bears N. $43\ 3/4^\circ$ E., 78.4 ft. dist., with a healed blaze.

Corner is located on a small island, W., 10 ft. dist. of the main creek channel, 8 ft. wide, course South, and E., 22 ft. dist. of an alternate channel, 4 ft. wide, course S. 30° E.

Subdivision of Section 23,**T. 30 S., R. 3 W., Willamette Meridian, Oregon**

From the $1/4$ sec. cor. of secs. 23 and 26, perpetuated by Byron, Deputy County Surveyor, in 1963, from original evidence no longer in existence, monumented with an iron post, $1\ 1/4$ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 30 S

S 23 R

— 3

S 26 W

 $1/4$

1963

from which the remains of the bearing trees mkd. by Byron

A fir, 33 ins. diam., bears N. $55\ 3/4^\circ$ E., 65.2 ft. dist., with a healed double blaze.

A sawed fir stump, 36 ins. diam., bears S. $66\ 1/4^\circ$ E., 48.6 ft. dist., with a healed double blaze.

and a new bearing tree

A fir, 6 ins. diam., bears S. $65\ 3/4^\circ$ E., 12.3 ft. dist., mkd. $1/4$ S26 BT.

Corner is located on a S. slope.

Subdivision of Section 23,

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
	N. 0° 06' 50" W., on the N. and S. center line of sec. 23.
2320	Graveled road, 10 ft. wide, bears S. 85° E. and N. 85° W.
2641.18	Point for the center 1/4 sec. cor. of sec. 23 at intersection with the E. and W. center line of sec. 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 30 S R 3 W
	C 1/4 S 23
	2015
	from which
	A fir, 14 ins. diam., bears N. 28 1/4° E., 10.9 ft. dist., mkd. C1/4 S23 BT.
	A fir, 9 ins. diam., bears N. 58 3/4° W., 15.1 ft. dist., mkd. X BT.
	Corner is located on a NE. slope.
3958.99	Point for the center N 1/16 sec. cor. of sec. 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	C
	N 1/16 S 23
	C
	2015
	from which
	A fir, 13 ins. diam., bears S. 49° W., 23.6 ft. dist., mkd. CN 1/16 S23 BT.
	A fir, 10 ins. diam., bears N. 15 1/4° W., 16.6 ft. dist., mkd. X BT.
	Corner is located on a E. slope.
5276.80	The 1/4 sec. cor. of secs. 14 and 23.
	<hr/>
	From the 1/4 sec. cor. of secs. 23 and 24, perpetuated by Markham, PE No. 2880, in 1952, by the Douglas County Surveyor's Office in 1967, and by Hostetter, PLS No. 1975, in 2003, monumented with an iron post, 1 in. diam., 30 ins. long, firmly set, projecting 8 ins. above ground, from which the remains of an original bearing tree
	A decayed fir stump, size indeterminate, bears S. 5° E., 6.6 ft. dist., with no marks visible on an open blaze.

Subdivision of Section 23,

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
	<p>and the bearing trees mkd. by Hostetter</p> <p>A cedar, 8 ins. diam., bears N. 24 3/4° E., 6.4 ft. dist., with illegible scribe marks visible on a partially healed blaze.</p> <p>A madrone, 5 ins. diam., bears S. 81° W., 8.8 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 post, with brass cap mkd.</p> <p style="text-align: center;">T 30 S R 3 W 1/4 S 23 S 24 2015</p> <p>Corner is located on a SE. slope.</p> <p>N. 89° 50' 21" W., on the E. and W. center line of sec. 23.</p>
1334.45	<p>Point for the center E 1/16 sec. cor. of sec. 23.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">E 1/16 C———C S 23 2015</p> <p>from which</p> <p>A fir, 13 ins. diam., bears S. 47 3/4° W., 20.2 ft. dist., mkd. X BT.</p> <p>A fir, 12 ins. diam., bears N. 33 3/4° W., 20.5 ft. dist., mkd. CE1/16 S23 BT.</p> <p>From this cor., a point established by person(s) unknown for unknown purpose, bears N. 84° 44' 26" W., 9.40 ft. dist., monumented with an iron pipe, 1 1/4 ins. diam., firmly set, projecting 12 ins. above ground, and was not utilized for control in this survey.</p> <p>Corner is located on a NE. slope.</p>
2668.90	<p>The center 1/4 sec. cor. of sec. 23.</p>
4002.71	<p>Point for the center W 1/16 sec., cor. of sec. 23, not monumented.</p>
5336.52	<p>The 1/4 sec. cor. of secs. 22 and 23.</p> <hr style="width: 60%; margin-left: 0;"/>

Subdivision of Section 23,

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	
2639.35	<p>From the center E 1/16 sec. cor. of sec. 23.</p> <p>N. 0° 05' 13" W., on the N. and S. center line of the NE 1/4 of sec. 23.</p> <p>The E 1/16 sec. cor. of secs. 14 and 23.</p> <hr/>
1318.10	<p>From the center W 1/16 sec. cor. of sec. 23.</p> <p>N. 0° 01' 14" W., on the N. and S. center line of the NW 1/4 of sec. 23.</p> <p>Point for the NW 1/16 sec. cor. of sec. 23 at intersection with the E. and W. center line of the NW 1/4 of sec. 23.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">NW 1/16 S 23</p> <p style="text-align: center;">2015</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears N. 38 1/2° E., 22.4 ft. dist., mkd. X BT.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. 23 3/4° W., 18.1 ft. dist., mkd. NW 1/16 S23 BT.</p> <p>Corner is located on a SE. slope.</p>
2636.36	<p>The W 1/16 sec. cor. of secs. 14 and 23.</p> <hr/>
1331.57	<p>From the center N 1/16 sec. cor. of sec. 23.</p> <p>N. 89° 49' 29" W., on the E. and W. center line of the NW 1/4 of sec. 23.</p> <p>The NW 1/16 sec. cor. of sec. 23.</p>
2663.12	<p>The N 1/16 sec. cor. of secs. 22 and 23.</p> <hr/>