

**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,
AND
THE SUBDIVISION OF SECTIONS 19 AND 29,
TOWNSHIP 28 SOUTH, RANGE 4 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

George M. Winter, Cadastral Surveyor

A. Bert Skeesick, Cadastral Surveyor

Under Special Instructions approved October 24, 2013,
and Supplemental Special Instructions approved February 19, 2014,
which provided for the surveys included under Group No. 2729,
and Assignment Instructions dated October 24, 2013,
and Supplemental Assignment Instructions dated February 19, 2014.

Survey commenced November 5, 2013

Survey completed October 14, 2014

T. 28 S., R. 4 W., Willamette Meridian, Oregon

The following field notes are those of the dependent resurvey of a portion of the west boundary and subdivisional lines, and the subdivision of sections 19 and 29, Township 28 South, Range 4 West, Willamette Meridian, Oregon.

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

In 1851, James E. Freeman, U.S. Deputy Surveyor, surveyed the west boundary, T. 28 S., R. 4 W., as shown in the field notes of official survey contained in public records Volume R0001, pages 117 to 402, inclusive.

In 1881, William H. Byars, U.S. Deputy Surveyor, retraced a portion of the west boundary and surveyed the subdivisional lines, T. 28 S., R. 4 W., as shown on the official plat of survey approved August 11, 1881.

In 1958, Irving Zirpel, Jr., and William W. Glenn, Cadastral Surveyors, resurveyed a portion of the south boundary (Sixth Standard Parallel South) of T. 27 S., R. 4 W., and a portion of the subdivisional lines, T. 28 S., R. 4 W., as shown on the official plat of survey accepted August 18, 1959.

In 1965, John M. Jelley, Cadastral Surveyor, resurveyed a portion of the subdivisional lines, T. 28 S., R. 4 W., as shown on the official plat of survey accepted May 10, 1967.

In 1974, G. Steven Popken, Cadastral Surveyor, resurveyed a portion of the west boundary and subdivisional lines, T. 28 S., R. 4 W., as shown on the official plat of survey accepted February 13, 1978.

In 1989, Dale T. Bedell, Cadastral Surveyor, and Garry L. Moore, Surveying Technician, subdivided section 18, T. 28 S., R. 4 W., as shown on the official plat of survey accepted September 18, 1992.

The following local surveys filed in the Douglas County Surveyor's Office are referred to in subsequent corner description and are referenced by surveyor's last name, official title or Professional Land Surveyor (PLS) or Professional Engineer (PE) Number, and year.

<u>Date</u>	<u>Name and Registration Number</u>	<u>File Number</u>
1922	G. G. Stewart, PE No. 1250	CS 5/27
1950	John H. Markham, Jr., PE No. 2880	CS 40/277
1957	James W. Byron, Deputy County Surveyor	CS 47/180
1961	James W. Byron, Deputy County Surveyor	CS 49/67
1964	Bruce A. Shaner, PLS No. 430	CS 51/296
1986	Howard W. Johnstone, PLS No. 498	M 100-36
1994	Raymond F. Brown, PLS No. 2391	M120-63
2010	David A. Edwards, PLS No. 2339	M160-56

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), the special instructions approved October 24, 2013, and supplemental special instructions approved February 19, 2014, for Group No. 2729, Oregon.

The directions of the lines are based on the true meridian as determined by Global Positioning System (GPS) techniques, carried forward by sustained angulation using conventional survey techniques. All measurements along the lines were derived through GPS and conventional survey techniques. Measured distances and directions have been

T. 28 S., R. 4 W., Willamette Meridian, Oregon

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 resurveys 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. The retracement data were thoroughly verified and only the corner description 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.

The geographic position in NAD 1983 (2011) of the following corners as determined by direct GPS observations or ties to temporary GPS points, 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 8 and 17:

Latitude: 43° 08' 29.541" N. Longitude: 123° 11' 47.397" W.

The 1/4 section corner of sections 16 and 21:

Latitude: 43° 07' 38.25" N. Longitude: 123° 10' 39.01" W.

The 1/4 section corner of sections 19 and 30:

Latitude: 43° 06' 47.69" N. Longitude: 123° 12' 58.77" W.

The corner of sections 28, 29, 32, and 33:

Latitude: 43° 05' 53.91" N. Longitude: 123° 11' 14.35" W.

**Dependent Resurvey of a Portion of the West Boundary,
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

Restoring the 1851 survey by Freeman, the 1881 retracement by Byars,
and the 1974 resurvey by Popken

The 1/4 sec. cor. of secs. 19 and 24, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with surface of the ground, with brass cap mkd.

T28S
R5W R4W
1/4
S24 | S19
1974

**Dependent Resurvey of a Portion of the West Boundary,
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

from which the remains of an original bearing tree

An oak stump, size indeterminate, bears N. 16 1/2° E., 153.2 ft. dist., with no marks visible. (Record, N. 15° E., 155.1 ft.)

There are no new bearing trees available within limits.

An iron pipe, 2 ins. diam., firmly set, flush with the ground surface, with a steel fence post inside is alongside the cor.

Corner is located under a newer fence between two braceposts, extending N. and S.

The N 1/16 sec. cor. of secs. 19 and 24, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with ground surface, with brass cap mkd.

N 1/16
S24 | S19
1974

from which bearing trees mkd. by Popken in 1974

A fir, 36 ins. diam., bears N. 43 1/2° E., 21.4 ft. dist., with a healed blaze.

A cedar, 17 ins. diam., bears N. 30 1/2° W., 176.9 ft. dist., with a healed blaze.

Corner is located 9 ft. S. of a barbed wire fence extending E. and W., and 50 ft. W. of an old fenceline, extends N.

The cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, in a collar of stone, with brass cap mkd.

T28S
R5W R4W
S13 | S18

S24 | S19
1974

from which the remaining bearing trees mkd. by Popken in 1974

A fir, 12 ins. diam., bears N. 43° E., 40.5 ft. dist., with a healed blaze. (Record, 41.6 ft.)

A fir, 13 ins. diam., bears S. 59 3/4° E., 21.3 ft. dist., with a healed blaze. (Record, S. 58° E., 22.4 ft.)

A fir, 13 ins. diam., bears N. 9 1/2° W., 11.4 ft. dist., with a healed blaze. (Record, N. 14 1/2° W., 11.9 ft.)

**Dependent Resurvey of a Portion of the West Boundary,
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

and a new bearing tree

A fir, 13 ins. diam., bears S. 58 1/2° W., 25.3 ft. dist., mkd. T28S R5W S24 BT.

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

Restoring the 1881 survey by Byars, the 1958 resurvey by Zirpel and Glenn,
the 1974 resurvey by Popken, and the 1989 resurvey by Bedell and Moore

The 1/4 sec. cor. of secs. 21 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T28S R4W
1/4
S21 | S22
1958

from which the remains of bearing trees mkd. by Zirpel and Glenn in 1958

A fir, 16 ins. diam., bears S. 87° E., 38.9 ft. dist., with a healed blaze.

A roothole bears S. 66° W., 21.1 ft. dist., with fallen, decayed fir trunk, 16 ins. diam., lying alongside, with a healed blaze.

and a new bearing tree

A fir, 7 ins. diam., bears S. 38 1/4° W., 31.4 ft. dist., mkd. 1/4 S21 BT.

From this cor., a point established by Markham, PE No. 2880, in 1950, bears N. 35° 41' W., 58.1 ft. dist., monumented with an iron pipe, 1 1/2 ins. diam., firmly set, projecting 12 ins. above ground, and is not utilized in the course of this survey.

The cor. of secs. 15, 16, 21, and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd.

T28S R4W
S16 | S15

S21 | S22
1958

from which the remains of a bearing tree mkd. by Zirpel and Glenn in 1958

A hollowed, decayed fir, 27 ins. diam., bears N. 50 3/4° W., 48.2 ft. dist., with a hollow blaze.

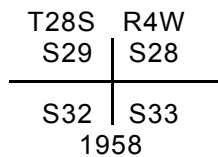
and new bearing trees

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

- A fir, 10 ins. diam., bears N. 30 1/2° E., 46.8 ft. dist., mkd. T28S R4W S15 BT
- A hemlock, 17 ins. diam., bears S. 38 3/4° E., 42.0 ft. dist., mkd. T28S R4W S22 BT.
- A hemlock, 15 ins. diam., bears S. 33 1/2° W., 17.5 ft. dist., mkd. T28S R4W S21 BT.
- A fir, 9 ins. diam., bears N. 56 1/2° W., 39.8 ft. dist., mkd. T28S R4W S16 BT.

An iron pipe 1 1/4 ins. diam., firmly set, projecting 7 ins. above ground is alongside the cor.

The cor. of secs. 28, 29, 32 and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.



from which the remains of an original bearing tree

- A decayed cedar stump, 28 ins. diam., bears N. 65° E., 9.2 ft. dist., with no marks visible on an open blaze.

and remaining bearing tree mkd. by Byron, Deputy County Surveyor, in 1957

- A cedar, 37 ins. diam., bears S. 54° W., 60.1 ft. dist., with a healed blaze.

and new bearing trees

- A fir, 9 ins. diam., bears N. 75 3/4° E., 41.4 ft. dist., mkd. T28S R4W S28 BT
- A cedar, 5 ins. diam., bears S. 65 1/2° E., 42.3 ft. dist., mkd. X BT.
- A cedar, 5 ins. diam., bears N. 84 1/2° W., 55.4 ft. dist., mkd. X BT.

Corner is located 1 ft. S. of a fence extending E. and W., on line with the remains of a fence extending S.

An iron pipe, 1 1/4 ins. diam., firmly set, but bent and leaning SW., with brass cap mkd T28S R4W S28 S29 S32 S33 1957 is alongside the cor.

The 1/4 sec. cor. of secs. 29 and 28, reestablished by Stewart, PE No. 1250, in 1922, perpetuated by Byron, Deputy County Surveyor, in 1961, and is accepted as the cor., monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd.

23232

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon

T28S R4W
1/4
S29 | S28
1961

from which the remains of a bearing tree mkd. by Stewart

A cedar stump, 36 ins. diam., bears S. 63° W., 144.5 ft. dist., with no marks visible.

and a bearing tree mkd. by Byron

A fir, 28 ins. diam., bears N. $18\frac{3}{4}^\circ$ W., 95.2 ft. dist., with a healed blaze.

and a new bearing tree

A cedar, 8 ins. diam., bears N. $66\frac{1}{2}^\circ$ W., 37.9 ft. dist., mkd. X BT.

Corner is located on line with fences extending S. and W.

The N 1/16 sec. cor. of secs. 28 and 29, established by Stewart, RPE No. 1250, in 1922, perpetuated by Brown, PLS No. 2391, in 1994, and is accepted for the cor.; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 1 in. above ground, with yellow plastic cap mkd. R. BROWN PLS # 2391, from which the remains of a bearing tree mkd. by Stewart

A madrone, 35 ins. diam., bears N. 62° W., 22.4 ft. dist., with illegible scribe marks visible on partially opened blaze.

and bearing trees mkd. by Brown

A cedar, 18 ins. diam., bears S. 14° W., 43.2 ft. dist., with a healed blaze.

A cedar, 15 ins. diam., bears N. $5\frac{1}{4}^\circ$ W., 33.0 ft. dist., with illegible scribe marks visible on partially healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, directly over the iron rod, with brass cap mkd.

N 1/16
S 29 | S 28
2014

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Corner is located on a W. facing slope.

From the corner

S., 55 ft. dist., to a spur ridge, sloping S. 40° W.

23233

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

The cor. of secs. 20, 21, 28, and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd.

T28S	R4W
S20	S21

S29	S28
1958	

from which the remains of the original bearing trees

A roothole bears S. 84° E., 39.6 ft. dist., with fallen, decayed fir trunk, 29 ins. diam., lying alongside, with no marks visible.

A fir stump, 35 ins. diam., bears S. 24° W., 13.1 ft. dist., with axe marks visible on a healed blaze. (Record, 11.9 ft.)

and a bearing tree mkd. by Stewart, PE No. 1250, in 1922

A yew, 16 ins. diam., bears S. 47 1/2° E., 71.3 ft. dist., with a long open scar facing cor.

and remains of bearing trees mkd. by Zirpel and Glenn in 1958

A sawed, decayed fir stump, 26 ins. diam., bears S. 31 1/2° W., 38.3 ft. dist., with no marks visible.

A sawed fir stump, 21 ins. diam., bears N. 25 1/2° W., 29.7 ft. dist., with a healed blaze.

and new bearing trees

A fir, 12 ins. diam., bears N. 37 3/4° E., 15.0 ft. dist., mkd. T28S R4W S21 BT.

A cedar, 13 ins. diam., bears S. 28° W., 37.2 ft. dist., mkd. T28S R4W S28 BT.

A fir, 4 ins. diam., bears N. 29 1/4° W., 55.9 ft. dist., mkd. X BT.

An iron pipe, 2 ins. diam., firmly set, projecting 15 ins. above ground is alongside cor.

Corner is located 60 ft. S. of a gravel road, 10 ft. wide, bears N. 40° E. and S. 40° W.

The 1/4 sec. cor. of secs. 16 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T28S	R4W
S16	
1/4	-----
S21	
1958	

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

from which the remains of the original bearing trees

- A decayed madrone stump, size indeterminate, bears N. 27° E., 39.6 ft. dist., with no marks visible.
- A madrone snag, 33 ins. diam., bears S. 14 1/2° W., 31.7 ft. dist., with a hollowed blaze. (Record, S. 18° W.)

and the remains of a bearing tree mkd. by Zirpel and Glenn in 1958

- A fir stump, 14 ins. diam., bears N. 25° E., 18.2 ft. dist., with no marks visible.
- A roothole bears S. 13° W., 42.9 ft. dist., with fallen fir trunk, 15 ins. diam., lying alongside, with no marks visible.

and new bearing trees

- A fir, 9 ins. diam., bears N. 66 1/2° E., 15.7 ft. dist., mkd. T28S R4W S16 BT.
- A fir, 11 ins. diam., bears S. 16 1/4° E., 30.2 ft. dist., mkd. T28S R4W S21 BT.

The 1/4 sec. cor. of secs. 29 and 32, perpetuated by Stewart, PE No. 1250, in 1922, and further perpetuated by Byron, Deputy County Surveyor, in 1957, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS
T28S R4W
29
1/4 S ———
32
OFFICE 1957

from which the remains of an original bearing tree

- A decayed madrone stump, size indeterminate, bears N. 50° W., 17.2 ft. dist., with no marks visible.

and the remains of a bearing tree mkd. by Stewart

- A burnt, decayed fir stump, 30 ins. diam., bears S. 9° E., 41.0 ft. dist., with a healed blaze.

and the remains of a bearing tree mkd. by Byron

- A burnt, sawed cedar stump, 26 ins. diam., bears S. 18 1/4° W., 41.7 ft. dist., with no marks visible.

and new bearing trees

- A fir, 7 ins. diam., bears S. 76 3/4° W., 18.4 ft. dist., mkd. 1/4 S32 BT.

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

A fir, 7 ins. diam., bears N. 31 1/2° W., 10.9 ft. dist., mkd. 1/4 S29 BT.

The 1/4 sec. cor. of secs. 29 and 30, perpetuated by Stewart, PE No. 1250, in 1922, by Shaner, PLS No. 430, in 1964, and by Johnstone, PLS No. 498, in 1986, from original evidence no longer in existence, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with an aluminum cap mkd.

T28S R4W
1/4
30 | 29
498 1986

from which the remains of bearing trees mkd. by Shaner

A burnt, decayed fir snag, 20 ins. diam., bears N. 65 1/4° E., 49.9 ft. dist., with a healed blaze.

A burnt, decayed fir snag, 24 ins. diam., bears N. 63 3/4° W., 109.3 ft. dist., with a healed blaze.

and new bearing trees

A madrone, 6 ins. diam., bears N. 20° E., 8.9 ft. dist., mkd. 1/4 S29 BT.

A fir, 8 ins. diam., bears N. 83 1/2° W., 15.3 ft. dist., mkd. 1/4 S30 BT.

The 1/4 sec. cor. of secs. 20 and 29, perpetuated by Stewart, PE No. 1250, in 1922, and by Byron, Deputy County Surveyor, in 1961, monumented with an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above ground, from which the remains of an original bearing tree

A sawed, decayed fir stump, 30 ins. diam., bears S. 10° W., 42.2 ft. dist., with axe marks visible and a healed blaze.

and the remains of a bearing tree mkd. by Stewart

A sawed cedar stump, 18 ins. diam., bears N. 15 3/4° W., 32.8 ft. dist., with no marks visible.

and the remains of bearing trees mkd. by Byron

A madrone snag, 24 ins. diam., bears N. 10 1/4° E., 28.4 ft. dist., with a healed blaze.

A fir, 22 ins. diam., bears S. 66° E., 19.0 ft. dist., with a healed blaze.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, directly over the iron pipe, with brass cap mkd.

23236

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon

T28S R4W
S20
1/4 —————
S29
2014

from which

A fir, 13 ins. diam., bears N. 29° W., 23.4 ft. dist., mkd. 1/4 S20 BT.

The 1/4 sec. cor. of secs. 19 and 30, perpetuated by Shaner, PLS No. 498, in 1964, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground, from which the remains of the original bearing trees

A burnt fir snag, 50 ins. diam., bears N. 35° E., 17.1 ft. dist., with a healed blaze.
(Record, 15.2 ft.)

A roothole bears S. 80° E., 59.2 ft. dist., with decayed cedar snag, 32 ins. diam., lying alongside, with no marks visible. (Record, 68.6 ft.)

and the remains of a bearing tree mkd. by Shaner

A hollow, burnt cedar snag, 70 ins. diam., bears S. 41° W., 59.3 ft. dist., with scribe marks R4 1/4 S30 B visible on the tree face.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, directly over the steel reinforcing rod, with brass cap mkd.

T28S R4W
S19
1/4 —————
S30
2014

from which

A fir, 6 ins. diam., bears S. 39 3/4° W., 9.5 ft. dist., mkd. 1/4 S30 BT.

A fir, 6 ins. diam., bears N. 62 3/4° W., 6.6 ft. dist., mkd. 1/4 S19 BT.

From the corner

E., 64 ft. dist., to a creek, 4 ft. wide, course S. 15° E.

The 1/4 sec. cor. of secs. 19 and 20, perpetuated by Byron, Deputy County Surveyor, in 1961, monumented with an iron pipe, 1 1/4 ins. diam., firmly set, projecting 18 ins. above ground, with brass cap mkd.

23237

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon

T28S R4W
1/4
S19 | S20
1961

from which the remains of an original bearing tree

- A fir stump, 44 ins. diam., bears N. 25 1/2° W., 29.4 ft. dist., with no marks visible.
(Record, N. 20° W., 27.7 ft.)

and a bearing trees mkd. by Byron

- A cedar, 15 ins. diam., bears N. 63° E., 15.3 ft. dist., with a healed blaze.
- A cedar, 24 ins. diam., bears S. 24 1/2° W., 11.3 ft. dist., with a healed blaze.

The 1/4 sec. cor. of secs. 18 and 19, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T28S R4W
S18
1/4 ———
S19
1974

from which the remains of an original bearing tree

- A sawed, decayed fir stump, 40 ins. diam., bears S. 14° W., 39.6 ft. dist., with a healed blaze.

and bearing trees mkd. by Popken in 1974

- A fir, 19 ins. diam., bears N. 38° E., 12.5 ft. dist., with a healed blaze.
- A fir, 20 ins. diam., bears S. 72 1/2° W., 9.9 ft. dist., with a healed blaze.

The N 1/16 sec. cor. of secs. 17 and 18, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, encircled by a collar of stone, with brass cap mkd.

N 1/16
S18 | S17
1974

from which bearing trees mkd. by Popken in 1974

- A hemlock, 19 ins. diam., bears S. 44° E., 7.3 ft. dist., with a healed blaze.
 - A fir, 33 ins. diam., bears N. 39° W., 33.0 ft. dist., with a healed blaze.
-

23238

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

The cor. of secs. 7, 8, 17, and 18, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

T28S	R4W
S 7	S 8
S18	S17
1974	

from which the remains of bearing trees mkd. by Popken in 1974

- A sawed, decayed fir stump, 24 ins. diam., bears N. 77° E., 64.7 ft. dist., with a healed blaze.
- A fir, 21 ins. diam., bears S. 27° E., 16.5 ft. dist., with a healed blaze.
- A fir, 32 ins. diam., bears S. 77 1/2° W., 83.2 ft. dist., with a healed blaze.
- A fir, 22 ins. diam., bears N. 10° W., 67.0 ft. dist., with a healed blaze.

and a new bearing tree

- A fir, 15 ins. diam., bears N. 68° E., 19.6 ft. dist., mkd. T28S R4W S8 BT.

Corner is located N. 40° E., 140 ft. dist. from a small oval pond, 20 ft. x 30 ft.

The 1/4 sec. cor. of secs. 8 and 17, perpetuated by Byron, Deputy County Surveyor, in 1961, and Edwards, PLS No. 2339, in 2010, from original evidence no longer in existence monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

T28S	R4W
S 8	
1/4	
S17	
1961	

from which bearing trees mkd. by Byron

- A fir, 28 ins. diam., bears N. 2 1/2° E., 33.0 ft. dist., with a healed blaze.
- A fir, 13 ins. diam., bears S. 43° W., 56.8 ft. dist., with a healed blaze.

and a bearing tree mkd. by Edwards

- A fir, 5 ins. diam., bears N. 33 1/4° E., 17.5 ft. dist., with a healed blaze.
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23239

**Subdivision of Section 19,
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

Point for the center S 1/16 sec. cor. of sec. 19.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 13 ins. in the ground to bedrock, in a mound of stone, 2 1/2 ft. diam. base, to top, with brass cap mkd.

C
S1/16 | S19
C
2014

from which

A cedar, 16 ins. diam., bears N. 32 3/4° E., 16.7 ft. dist., mkd. CS 1/16 S19 BT.

A fir, 12 ins. diam., bears S. 65 1/2° E., 32.2 ft. dist., mkd. CS 1/16 S19 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Point for the center 1/4 sec. cor. of sec. 19, at intersection of the N-S and E-W centerlines of sec. 19.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, in a mound of stone, 2 1/2 ft. diam. base, to top, with brass cap mkd.

T28S R4W
C 1/4 S19
2014

from which

A pine, 12 ins. diam., bears N. 62 1/2° E., 63.4 ft. dist., mkd. C 1/4 S19 BT.

A pine, 6 ins. diam., bears S. 31 1/4° E., 13.9 ft. dist., mkd. X BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From the corner

E., 55 ft. dist., to a wire fence, meandering N. and S.

Point for the center N 1/16 sec. cor. of sec. 19.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.

C
N 1/16 | S19
C
2014

23240

**Subdivision of Section 19,
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

from which

A cedar, 18 ins. diam., bears N. $35\frac{3}{4}^{\circ}$ E., 14.6 ft. dist., mkd. CN 1/16 S19 BT.

A fir, 20 ins. diam., bears N. 54° W., 17.8 ft. dist., mkd. CN 1/16 S19 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From the corner

N., 4 ft. dist., to a fence E. and W.

E., 150 ft. dist., to a road, graveled surface, 16 ft. wide, bearing N. 33° E. and S. 2° W.

**Subdivision of Section 29,
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

Point for the center 1/4 sec. cor. of sec. 29, determined at the reported bearing and dist. from the witness cor. established by Johnstone, PLS No. 498, in 1986, and is accepted for the cor., and is accepted for the cor., monumented with a steel reinforcing rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground, from which bearing trees mkd. by Johnstone

A fir, 42 ins. diam., bears S. $7\frac{1}{4}^{\circ}$ E., 31.5 ft. dist., with a healed blaze.

A cedar, 23 ins. diam., bears N. $61\frac{3}{4}^{\circ}$ W., 20.8 ft. dist., with fragmentary scribe marks visible on an open blaze.

At the corner point

Drive an iron rod, 6 ins. long, 5/8 in. diam., 6 ins. into a wooden bridge timber, with aluminum cap mkd.

T28S R4W
C 1/4 S29
2014

Corner is located on a wooden bridge, on line with fences extending E. and S.

The center N 1/16 sec. cor. of sec. 29, established by De Groot, PLS No. 1941, in 1997, and is accepted for the cor., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with aluminum cap mkd.

T28S R4W
C
N1/16 | S29
C
1997
PLS 1941

23241

**Subdivision of Section 29,
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

from which bearing trees mkd. by De Groot

- A fir, 18 ins. diam., bears N. $73\frac{3}{4}^{\circ}$ E., 18.6 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.
- A cedar, 13 ins. diam., bears S. 36° W., 10.0 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.

Point for the center E 1/16 sec. cor. of sec. 29.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

E 1/16
C ——— C
S29
2014

from which

- A fir, 10 ins. diam., bears N. $42\frac{1}{4}^{\circ}$ E., 16.2 ft. dist., mkd. CE 1/16 S29 BT.
- A fir, 7 ins. diam., bears S. $39\frac{3}{4}^{\circ}$ E., 11.9 ft. dist., mkd. CE 1/16 S29 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From the corner

W., 4 ft. dist., to the cor. of barbed wire fences, extending N., E., and W.

The center W 1/16 sec. cor. of sec. 29, established by Johnstone, PLS No. 498, in 1986, and is accepted for the cor. monumented with a steel reinforcing rod, 5/8 in. diam., firmly set, projecting 5 ins. above ground, with aluminum cap mkd.

T28S R4W
CW
1/16 S29
LS498 1986

from which the remains of bearing trees mkd. by Johnstone

- A decayed fir stump, size indeterminate, bears E., 2.5 ft. dist., with no marks visible.
- A burnt, decayed fir stump, 10 ins. diam., bears N. 7° W., 18.8 ft. dist., with no marks visible.

The NE 1/16 sec. cor. of sec. 29, established by DeGroot, PLS No. 1941, in 1997, and is accepted for the cor., monumented with a steel reinforcing rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with aluminum cap mkd.

23242

**Subdivision of Section 29,
T. 28 S., R. 4 W., Willamette Meridian, Oregon**

T28S R4W
NE 1/16 S29
1997
PLS 1941

from which bearing trees mkd. by De Groot

A fir, 12 ins. diam., bears N. $23\frac{3}{4}^{\circ}$ E., 32.5 ft. dist., with a healed blaze.

A fir, 10 ins. diam., bears N. $73\frac{1}{4}^{\circ}$ W., 30.3 ft. dist., with a healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, directly over the steel reinforcing rod, with brass cap mkd.

NE 1/16 S29
2014

From the corner

N., 2 ft. dist., to a ditch, 8 ft. wide, 4 ft. deep, bears N. 75° E. and S. 80° W.
