

**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 28 SOUTH, RANGE 3 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Kenneth W. Saveland, Cadastral Surveyor

Under Special Instructions dated April 23, 2009, approved April 29, 2009,
which provided for the surveys included under Group No. 2274,
and Assignment Instructions dated September 21, 2009.

Survey commenced October 1, 2009

Survey completed November 10, 2009

T. 28 S., R. 3 W., Willamette Meridian, Oregon

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 23, Township 28 South, Range 3 West, Willamette Meridian, Oregon.

The history of official federal surveys pertaining to this resurvey is as follows:

In 1882, Samuel C. Flint, U.S. Deputy Surveyor, surveyed a portion of the east boundary and subdivisional lines as shown on the official plat of survey approved December 7, 1882.

In 1909-10, William N. Gibb, U.S. Deputy Surveyor, surveyed a portion of the west boundary and subdivisional lines of T. 28 S., R. 2 W., as shown on the plat of survey approved October 17, 1911.

In 1910, William N. Gibb, U.S. Deputy Surveyor, surveyed the remainder of the subdivisional lines as shown on the plat of survey approved October 17, 1911.

The following local surveys filed in the Douglas County Surveyor's Office are referred to in subsequent corner descriptions and are referenced by surveyor's last name, title or registration number, and year.

<u>Date</u>	<u>Name and Registration No.</u>	<u>File Type</u>	<u>File Number</u>
1960	Thomas E. Shrum, Jr., RE 4287	Map	11-79
1962	James W. Byron, Deputy County Surveyor	C.S.	52/126
1978	Victor McLind, PLS 934	Map	70-36
1978	Dennis Gaylord, Deputy County Surveyor	C.S.	60/11-12
1988	Gerald Nygren, PLS 1035	C.S.	63/69-16
1988	Maurice E. Farr, PLS 1181	C.S.	63/73

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 23, 2009, for Group No. 2274, Oregon.

The survey was performed using a combination of Global Positioning System (GPS) satellite techniques and terrestrial measurements. The GPS measurements utilized dual frequency carrier phase receivers and were executed in accordance with the 'Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods', dated May of 2001, published by the U.S.D.A. Forest Service and U.S.D.I. Bureau of Land Management.

The directions of the lines are based on the true meridian as determined by a combination of direct solar observations and GPS measurements.

The static GPS measurements have been adjusted using computer software that incorporates a least squares adjustment routine. The maximum GPS Cadastral Measurement error ellipse at 95% confidence level is 0.03 feet based on local accuracy standards. Terrestrial distances and directions have been adjusted using computer software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in

T. 28 S., R. 3 W., Willamette Meridian, Oregon

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 (NAD 1983 (CORS)) of the following corners, as determined by ties from temporary GPS control points, established utilizing dual frequency, carrier phase GPS receivers, using for control National Spatial Reference System Continuously Operating Reference Station (CORS) DODSON BUTTE CORS ARP, and National Cooperative CORS Network Station ROSEBURG COOP CORS ARP, is as follows:

The 1/4 section corner of sections 22 and 23.

Latitude: 43° 07' 12.42" N. Longitude: 123° 01' 52.63" W.

The corner of sections 19, 24, 25, and 30, on the east boundary of the township.

Latitude: 43° 06' 46.23" N. Longitude: 122° 59' 31.10" W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

Restoring the 1882 survey by Samuel C. Flint
and the 1910 survey by William N. Gibb

The cor. of secs. 14 and 15 only, perpetuated by person(s) unknown, reported by Byron, Deputy County Surveyor, in 1962, monumented with a rebar, 36 ins. long, 3/4 in. diam., firmly set, projecting 7 ins. above ground, from which the remains of an orig. bearing tree

A hollow, decayed, sawed fir stump, size indeterminate, bears N. 50° E.,
7.9 ft. dist., with no marks visible.

and a bearing tree mkd. by person(s) unknown, reported by Byron

A hemlock, 14 ins. diam., bears S. 27 3/4° W., 20.9 ft. dist., with a healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T 28 S R 3 W
S 15 | S 14
S 22
2009

from which new bearing trees

A fir, 11 ins. diam., bears N. 89 1/4° E., 16.9 ft. dist., mkd. T28S R3W S14 BT.

A fir, 10 ins. diam., bears N. 16 1/4° W., 44.4 ft. dist., mkd. T28S R3W S15 BT.

Place the rebar inside and deposit a magnet in a white plastic case at the base of the stainless steel post.

From the cor., S. 88° 00' 20" E., at:

60 ft. dist., draw, drains N. 40° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The closing cor. of secs. 22 and 23, perpetuated by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, further perpetuated by Byron, Deputy County Surveyor, in 1962, monumented with a rebar, 36 ins. long, 3/4 in. diam., firmly set, projecting 8 ins. above ground (alongside of which is the orig. basalt stone, 6 x 10 x 15 ins., lying loose on the ground, with faint marks CC visible and 2 grooves on a face and 4 grooves on the opposite face), from which the remains of the orig. bearing trees

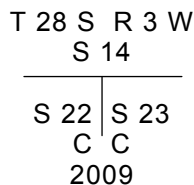
- A decayed, sawed hemlock stump, size indeterminate, bears S. 77° E., 37.6 ft. dist., with no marks visible on an open, decayed blaze.
- A roothole bears S. 74° W., 12.5 ft. dist., downhill of which is a an uprooted, cedar snag, 13 ins. diam., with no marks visible on an open, decayed blaze. (Record S. 74° E.)

and the remains of bearing trees mkd. by Shrum, Jr.

- A sawed fir stump, 60 ins. diam., bears N. 17° E., 80.0 ft. dist., with no marks visible.
- A hemlock snag, 15 ins. diam., bears S. 36 1/4° W., 30.2 ft. dist., with scribe marks S22 4287 visible on a partially healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.



from which new bearing trees

- A fir, 10 ins. diam., bears S. 17 1/4° E., 10.4 ft. dist., mkd. T28S R3W S23 BT.
- A cedar, 23 ins. diam., bears S. 42 1/2° W., 19.1 ft. dist., mkd. T28S R3W S22 BT.

Place the rebar inside, bury the orig. stone alongside, and deposit a magnet in a white plastic case at the base of the stainless steel post.

From the cor., N. 88° 00' 20" W., at:

- 55 ft. dist., draw, drains N. 40° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of sec. 14 only, perpetuated by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, monumented with a rebar, 36 ins. long, 3/4 in. diam., firmly set, projecting 8 ins. above ground, bent E., from which the remains of the orig. bearing trees

A burnt, decayed, sawed cedar stump, size indeterminate, bears N. 40° E., 25.9 ft. dist., with no marks visible.

A roothole bears S. 60° W., 12.5 ft. dist.

and the remains of bearing trees mkd. by Shrum, Jr.

A splintered, decayed hemlock stump, size indeterminate, bears N. 88 1/2° W., 28.1 ft. dist., with no marks visible.

A sawed yew stump, 10 ins. diam., bears N. 63° W., 18.5 ft. dist., with no marks visible.

At the corner point

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

T 28 S R 3 W
1/4 S 14

2009

from which new bearing trees

A fir, 13 ins. diam., bears N. 68° E., 8.2 ft. dist., mkd. X BT.

A fir, 14 ins. diam., bears N. 14 1/4° W., 11.2 ft. dist., mkd. 1/4 S14 BT.

Place the rebar inside and deposit a magnet in a white plastic case at the base of the stainless steel post.

Corner is located on a W. slope.

From the cor., N. 89° 43' 33" W., at:

55 ft. dist., creek, 2 ft. wide, course N. 15° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

Point for the 1/4 sec. cor. of sec. 23 only, established by Shrum, Jr., Registered Engineer No. 4287, in 1960, reestablished at proportionate distance utilizing the 1960 Shrum survey; there is no remaining evidence of the Shrum cor. position.

At the corner point

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

T 28 S R 3 W

1/4 S 23
2009

from which

A fir, 11 ins. diam., bears S. 77 1/2° E., 6.9 ft. dist., mkd. X BT.

A fir, 11 ins. diam., bears S. 45 1/2° W., 26.2 ft. dist., mkd. 1/4 S23 BT.

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

Corner is located on a NE. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The cor. of secs. 13 and 14 only, perpetuated by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, subsequently perpetuated by Gaylord, Deputy County Surveyor, in 1978, and further perpetuated by Nygren, Oregon Professional Land Surveyor No. 1035, in 1988, monumented with an iron post, 1 in. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd.

U.S.P.C. PROPERTY COR.
T 28 S R 3 W
14 | 13
—|—
23
RE 4287

from which the remains of the orig. bearing trees

- A sawed fir stump, 48 ins. diam., bears N. 34° E., 32.3 ft. dist., with no marks visible.
- A decayed hemlock stump, size indeterminate, bears N. 67 1/2° W., 41.4 ft. dist., with no marks visible.

and the remains of bearing trees mkd. by Shrum, Jr.

- A sawed fir stump, 42 ins. diam., bears N. 15 1/4° E., 32.2 ft. dist., with axe marks visible on an opened blaze.
- A burnt yew snag, 11 ins. diam., bears S. 12 1/2° E., 95.8 ft. dist., with scribe marks S23 RE 4287 visible on an open blaze.

and bearing trees mkd. by Gaylord

- A fir, 14 ins. diam., bears S. 62° W., 73.8 ft. dist., with a healed double blaze.
- A fir, 16 ins. diam., bears N. 14 1/4° W., 46.1 ft. dist., with a healed double blaze.

and a bearing tree mkd. by Nygren

- A fir, 11 ins. diam., bears N. 71 1/4° E., 38.2 ft. dist., with a healed blaze.

Corner is located on a broken NE. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The closing cor. of secs. 23 and 24, perpetuated by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, subsequently perpetuated by Gaylord, Deputy County Surveyor, in 1978, and further perpetuated by Farr, Oregon Professional Land Surveyor No. 1181, in 1988, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above the top of a mound of stone, 2 ft. diam., 1 ft. high, (with the orig. basalt stone, 6 x 12 x 14 ins., no marks visible, incorporated into the stone mound), with brass cap mkd.

U.S.P.C. PROPERTY COR.
T 28 S R 3 W
13
|

23 | 24
RE 4287

from which the remains of an orig. bearing tree

A sawed fir stump, 26 ins. diam., bears S. 52° W., 40.9 ft. dist., with a healed blaze.

and the remains of bearing trees mkd. by Shrum, Jr.

A fir, 19 ins. diam., bears N. 84 1/4° E., 64.5 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.

A roothole bears S. 28° E., 60.4 ft. dist., alongside of which is a down fir snag, 15 ins. diam., with no marks visible.

A yew, 8 ins. diam., bears S. 2 1/4° W., 33.2 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.

and a bearing tree mkd. by Farr

A hemlock, 15 ins. diam., bears S. 38 3/4° E., 26.5 ft. dist., with a healed blaze.

Corner is located 185 ft. S. of a gravel road, 12 ft. wide, on a broken NE. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp., perpetuated by Byron, Deputy County Surveyor, in 1962, subsequently perpetuated by McLind, Oregon Professional Land Surveyor No. 934, in 1978, and further perpetuated by Nygren, Oregon Professional Land Surveyor No. 1035, in 1988, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 16 ins. above ground, (alongside of which is the orig. igneous stone, 6 x 12 x 16 ins., lying loose on the ground, with 4 notches visible on an edge and 2 notches visible on an adjacent edge) with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 28 S				
R	S 24		S 19	R
3			2	
W	S 25		S 30	W
1962				

from which the remains of the orig. bearing trees

- A sawed fir stump, 33 ins. diam., bears S. 25° W., 19.1 ft. dist., with a healed blaze. (Record 31.0 ft.)
- A decayed hemlock stump, 30 ins. diam., bears N. 48° W., 15.8 ft. dist., with scribe marks 28S / R3W 24 visible on an opened blaze.

and the remains of a bearing tree mkd. by Byron

- A sawed hemlock stump, 35 ins. diam., bears S. 15 1/2° E., 22.8 ft. dist., with scribe marks 28S R2 S30 CS visible on a partially healed blaze.

and a bearing tree mkd. by McLind

- A chinquapin, 19 ins. diam., bears S. 12 1/2° W., 102.5 ft. dist., with scribe marks T28S R visible on a partially healed blaze.

and bearing trees mkd. by Nygren

- A hemlock, 13 ins. diam., bears N. 81 1/4° E., 42.9 ft. dist., with a healed double blaze.
- A chinquapin, 12 ins. diam., bears S. 55 3/4° E., 45.0 ft. dist., with scribe marks R2W visible on a partially healed blaze.

and a new bearing tree

- A fir, 4 ins. diam., bears N. 11° W., 27.7 ft. dist., mkd. X BT.

Bury the orig. stone alongside the iron post.

Corner is located on a gradual NE. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 24 and 25, perpetuated by Byron, Deputy County Surveyor, in 1962, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 12 ins. above ground, (alongside of which is the orig. basalt stone, 8 x 12 x 16 ins., lying loose on the ground, with marks 1/4 visible on a face) with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 28 S
1/4 S 24 R
————— 3
S25 W
1962

from which the remains of the orig. bearing trees

A decayed fir stump, size indeterminate, bears S. 41° W., 136.0 ft. dist., with no marks visible. (Record S. 54° W.)

A fir snag, 46 ins. diam., bears N. 28 3/4° W., 35.0 ft. dist., with scribe marks 1/4 S24 visible on a partially healed blaze. (Record N. 40° W.)

and bearing trees mkd. by Byron

A fir, 23 ins. diam., bears N. 46° E., 25.5 ft. dist., with a healed blaze.

A fir, 26 ins. diam., bears S. 15 3/4° E., 5.5 ft. dist., with a healed double blaze.

Bury the orig. stone alongside the iron post.

Corner is located on a broken N. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The cor. of secs. 23, 24, 25, and 26, perpetuated by McLind, Oregon Professional Land Surveyor No. 934, in 1978, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, (alongside of which is the orig. basalt stone, (Record, granite) 6 x 10 x 14 ins., loosely set, projecting 3 ins. above ground, with 2 grooves visible on the S. face) with brass cap mkd.

T 28 S	R 3 W
S 23	S 24
S 26	S 25
RLS 934	
1978	

from which the remains of the orig. bearing trees

- A hemlock snag, 35 ins. diam., bears S. 26° E., 15.2 ft. dist., with scribe marks T28S R3W S25 BT visible on a partially healed blaze. (Record, S. 14° E.)
- A cedar, 45 ins. diam., bears N. 72° W., 33.7 ft. dist., with scribe marks R3 S23 visible on a partially healed blaze.

and the remains of a bearing tree mkd. by McLind

- A roothole bears S. 43° W., 70.6 ft. dist., alongside of which is an uprooted, sawed cedar stump, 28 ins. diam., with no marks visible.

and new bearing trees

- A fir, 7 ins. diam., bears N. 68° E., 37.3 ft. dist., mkd. T28S R3W S24 BT.
- A hemlock, 15 ins. diam., bears S. 59 1/4° E., 56.6 ft. dist., mkd. T28S R3W S25 BT.
- A hemlock, 13 ins. diam., bears S. 5 1/2° W., 14.3 ft. dist., mkd. T28S R3W S26 BT.

Bury the orig. stone alongside the iron post.

From the cor., N. 89° 42' 15" E., at:

20 ft. dist., draw, drains N. 20° E.

From the cor., N. 0° 01' 11" W., at:

45 ft. dist., gravel road, 12 ft. wide, bears N. 80° W. and East, in curve.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The S 1/16 sec. cor. of secs. 23 and 24, established by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, perpetuated by McLind, Oregon Professional Land Surveyor No. 934, in 1978, and is accepted as the corner, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd.

T28S R3W
S 1/16
S 23 | S 24
PLS 934
1978

from which bearing trees mkd. by Shrum, Jr.

A hemlock, 20 ins. diam., bears N. 63 1/4° E., 14.6 ft. dist., with a healed double blaze.

A hemlock, 26 ins. diam., bears S. 34 1/2° W., 17.9 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.

Corner is located on gradual N. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 23 and 24, perpetuated by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, subsequently perpetuated by McLind, Oregon Professional Land Surveyor No. 934, in 1978, and further perpetuated by Nygren, Oregon Professional Land Surveyor No. 1035, in 1988, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd.

T 28 S R 3 W
1/4 S 23 | S 24
RLS 934
1978

from which the remains of the orig. bearing trees

- A sawed yew stump, 14 ins. diam., bears N. 79° E., 29.7 ft. dist., with scribe marks RE 428/ BT visible on an open blaze, alongside of which is a down yew, with scribe marks 1/4 S24 visible on a partially healed blaze. (Rescribed by Shrum, Jr.)
- A sawed fir stump, 56 ins. diam., bears West, 13.2 ft. dist., with no marks visible on an opened blaze.

and the remains of a bearing tree mkd. by Shrum, Jr.

- A sawed, decayed yew stump, 12 ins. diam., bears N. 48 1/2° W., 57.7 ft. dist., with scribe marks BT visible on a partially healed blaze, alongside of which is a down yew, with no marks visible.

and a bearing tree mkd. by Nygren

- A fir, 12 ins. diam., bears S. 27° W., 17.9 ft. dist., with a healed double blaze.

and a new bearing tree

- A hemlock, 5 ins. diam., bears S. 85 1/2° E., 10.2 ft. dist., mkd. X BT.

Corner is located on a gentle NE. slope.

From the cor., S. 0° 01' 14" W., at:

- 205 ft. dist., creek, 3 ft. wide, course S. 80° E.
-

**Subdivision of Section 23,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 23 and 26, perpetuated by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, monumented with a rebar, 36 ins. long, 3/4 in. diam., firmly set, projecting 11 ins. above ground, from which the remains of an orig. bearing tree

A roothole bears S. 41° E., 40.9 ft. dist.

and bearing trees mkd. by Shrum, Jr.

A fir, 29 ins. diam., bears N. 19 1/4° E., 30.6 ft. dist., with a healed double blaze.

A fir, 19 ins. diam., bears S. 37 3/4° E., 40.0 ft. dist., with a healed double blaze.

A fir, 24 ins. diam., bears N. 87° W., 26.5 ft. dist., with a healed double blaze.

and a bearing tree mkd. by person(s) unknown, reported by Shrum, Jr.

A fir, 34 ins. diam., bears N. 1 1/4° W., 26.4 ft. dist., with a healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T 28 S R 3 W
S 23
1/4 ———
S 26
2009

Place the rebar inside and deposit a magnet in a white plastic case at the base of the stainless steel post.

From the cor., East, at:

140 ft. dist., gravel road, 14 ft. wide, bears N. 50° W. and S. 50° E.

**Subdivision of Section 23,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The center S 1/16 sec. cor. of sec. 23, established by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, and is accepted as the corner, monumented with a rebar, 36 ins. long, 3/4 in. diam., loosely set, projecting 14 ins. above the top of a collar of stone, from which the remains of bearing trees mkd. by Shrum, Jr.

A fir snag, 18 ins. diam., bears S. 65° W., 14.2 ft. dist., with a healed double blaze.

A fir, 22 ins. diam., bears N. 36° W., 13.0 ft. dist., with a healed double blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.

C
S 1/16 | S 23
C
2009

from which a new bearing tree

A fir, 26 ins. diam., bears N. 25° W., 11.1 ft. dist., mkd. CS 1/16 S23 BT.

Place the rebar inside and deposit a magnet in a white plastic case at the base of the stainless steel post.

Corner is located on an E. slope.

**Subdivision of Section 23,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The center 1/4 sec. cor. of sec. 23, established by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, and is accepted as the cor., monumented with a rebar, 36 ins. long, 3/4 in. diam., firmly set, bent N., projecting 8 ins. above ground, from which the remains of bearing trees mkd. by Shrum, Jr.

A roothole bears N. 17 1/2° E., 15.2 ft. dist.

A sawed fir stump, 25 ins. diam., bears S. 15° E., 17.9 ft. dist., with a healed double blaze.

At the corner point

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

T 28 S R 3 W
C 1/4 S 23
2009

from which new bearing trees

A fir, 6 ins. diam., bears S. 9° E., 11.3 ft. dist., mkd. X BT.

A fir, 15 ins. diam., bears S. 87 1/4° W., 42.8 ft. dist., mkd. C1/4 S23 BT.

Place the rebar inside and deposit a magnet in a white plastic case at the base of the stainless steel post.

From the cor., N. 0° 10' 00" E., at:

170 ft. dist., creek, 3 ft. wide, course N. 25° W.

From the cor., S. 89° 41' 57" E., at:

135 ft. dist., creek, 3 ft. wide, course N. 50° W.

**Subdivision of Section 23,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The center W 1/16 sec. cor. of sec. 23, established by Shrum, Jr., Oregon Registered Engineer No. 4287, in 1960, and is accepted as the cor., monumented with a rebar, 36 ins. long, 3/4 in. diam., firmly set, projecting 12 ins. above ground, from which bearing trees mkd. by Shrum, Jr.

A fir, 22 ins. diam., bears N. $18\ 3/4^\circ$ E., 22.3 ft. dist., with a healed double blaze.

A fir, 25 ins. diam., bears S. $27\ 1/4^\circ$ W., 32.8 ft. dist., with a healed double blaze.

At the corner point

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

W 1/16
C ————— C
S 23
2009

Place the rebar inside and deposit a magnet in a white plastic case at the base of the stainless steel post.

Corner is located on a NE. slope.

**Subdivision of Section 23,
T. 28 S., R. 3 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 22 and 23, monumented with the orig. basalt stone, 7 x 11 x 14 ins., firmly set, projecting 7 ins. above ground, with marks 1/4 visible on the E. face and a cross on top, from which the remains of the orig. bearing trees

A decayed fir stump, size indeterminate, bears N. 77° E., 10.6 ft. dist., with scribe marks 2 T visible on an open blaze fragment.

A decayed fir stump, 12 ins. diam., bears S. 39° W., 19.1 ft. dist., with scribe marks 1/4 S22 BT visible on an open blaze.

At the corner point

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

T 28 S R 3 W
1/4
S 22 | S 23
2009

from which new bearing trees

A fir, 26 ins. diam., bears N. 34 3/4° E., 13.7 ft. dist., mkd. 1/4 S23 BT.

A fir, 27 ins. diam., bears N. 75 1/2° W., 16.8 ft. dist., mkd. 1/4 S22 BT.

Bury the orig. stone alongside and deposit a magnet in a white plastic case at the base of the stainless steel post.

Corner is located on a gradual NE. slope.

T. 28 S., R. 3 W., Willamette Meridian, Oregon**GENERAL DESCRIPTION**

The lands embraced in the foregoing survey are located approximately 21 miles easterly of Winston, Oregon.

The elevation ranges from about 2850 feet above sea level near the corner of sections 23 and 24 only, to about 3700 feet above sea level near the 1/4 section corner of sections. 24 and 25.

The area is drained by Mill Creek and Springer Creek.

The dominant timber species are alder, cedar, chinquapin, fir, madrone, maple, and pine. Undergrowth consists of fern, Oregon grape, salal, and vine maple.

The soil is generally composed of rocky clay.

Access to the survey was made by various dirt and graveled roads branching from Douglas County Road No. 82B (Cavitt Creek Road) and BLM Road No. 29-3-11.1.

The mean magnetic declination for the area surveyed is 16° East, as determined by the National Geophysical Data Center (NGDC) of the National Oceanic and Atmospheric Administration (NOAA), obtained on October 1, 2009, from the internet at <http://www.ngdc.noaa.gov/geomagmodels/struts/calcDeclination>.