

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

FIELD NOTES

OF THE

RETRACEMENT

OF

A PORTION OF THE SUBDIVISIONAL LINES

TOWNSHIP 27 SOUTH, RANGE 3 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

A. Bert Skeesick, Cadastral Surveyor

Robert H. Browning, Surveying Technician

Under Special Instructions dated March 16, 2007, approved March 21, 2007,
which provided for the surveys included under Group No. 2300,
and Assignment Instructions dated March 11, 2008.

Survey commenced March 13, 2008

Survey completed April 12, 2008

T. 27 S., R. 3 W., Willamette Meridian, Oregon

The following field notes are those of the retracement of a portion of the subdivisional lines, T. 27 S., R. 3 W, Willamette Meridian, Oregon.

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

In 1871, Addison R. Flint and L. L. Williams, U.S. Deputy Surveyors, surveyed a portion of the subdivisional lines.

In 1882, Samuel C. Flint, U.S. Deputy Surveyor, surveyed the east boundary and the remainder of the subdivisional lines.

In 1958, Harold D. Corbin, Cadastral Surveyor, resurveyed portions of the north and west boundaries, and a portion of the subdivisional lines, and remonumented certain original corner points.

In 1984, Lance J. Bishop and Wayne L. Rogers, Cadastral Surveyors, resurveyed a portion of the subdivisional lines and subdivided sections 3 and 11.

In 1989-90, Boyd W. Peterson, Cadastral Surveyor, resurveyed a portion of the south boundary (Sixth Standard Parallel South), west boundary, and subdivisional lines.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 16, 2007, for Group No. 2300, 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 9, 2001, published by the U.S.D.A. Forest Service and U.S.D.I. Bureau of Land Management.

The directions of the lines refer to the true meridian as determined by a combination of direct solar observations and GPS measurements carried forward by sustained angulation using conventional survey techniques. Distances along the lines were derived through the use of electronic measuring equipment.

Static GPS measurements have been adjusted using computer software that incorporates a least squares adjustment routine. The maximum GPS measurement error ellipse at the 95% confidence level is 0.05 feet based on local accuracy standards. Terrestrial distances and directions have been adjusted using computer software that incorporates a least squares adjustment routine. The unadjusted data assured a closure not exceeding 1:4000 in error. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

Preliminary to the retracement, 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 their original positions. The retracement data were thoroughly verified and only the corner description

T. 27 S., R. 3 W., Willamette Meridian, Oregon

field notes are given herein. Only those lines bounding public lands were blazed.

New bearing trees have 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 96)) of the corner of sections 8, 9, 16, and 17, as determined in a least squares adjusted network of conventional survey control and GPS occupied points, utilizing dual frequency carrier phase GPS receivers, relative to National Spatial Reference System (NSRS) Continuously Operating Reference Station (CORS) "CAPE BLANCO CORS ARP" and National Cooperative CORS Network Station "ROSEBURG COOP CORS ARP", is as follows:

Latitude: 43° 13' 37.75" N. Longitude: 123° 04' 12.90" W.

**Retracement of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

Beginning at the cor. of secs. 9, 10, 15, and 16, remonumented by Corbin in 1958, from original evidence no longer in existence, perpetuated by David A. Edwards, Oregon Professional Land Surveyor No. 2339, in 2007, filed in the Douglas County Surveyors Office, Map File No. M153-3, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd.

| | |
|--------|-------|
| T 27 S | R 3 W |
| S 9 | S 10 |
| 1958 | |
| S 16 | S 15 |

from which the remains of bearing trees mkd. by Corbin

A roothole bears S. 18 1/2° W., 64.7 ft. dist., alongside of which is a decayed hemlock trunk, size indeterminate, with no marks visible.

A cedar, 40 ins. diam., bears N. 89° W., 62.7 ft. dist., with a healed blaze.

and the bearing trees mkd. by Edwards

A fir, 5 ins. diam., bears S. 49 1/4° E., 9.9 ft. dist., with scribe marks T27 R3 S15 BT visible on an open blaze.

A fir, 9 ins. diam., bears S. 58 1/2° W., 7.3 ft. dist., with scribe marks T27 R3 S16 BT visible on an open blaze.

and a new bearing tree

A fir, 7 ins. diam., bears N. 74 3/4° W., 33.8 ft. dist., mkd. T27S R3W S9 BT.

**Retracement of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 9 and 10, perpetuated by the Douglas County Surveyors Office in 1969, filed in the Douglas County Surveyors Record of Government Corners Renewed, T. 27 S., R. 3 W., Index No. 112A, further perpetuated by David A. Edwards, Oregon Professional Land Surveyor No. 2339, in 2007, filed in the Douglas County Surveyors Office, Map File No. M153-3, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 27 S
1/4
S 9 | S 10
R 3 W
1969

from which the remains of an original bearing tree

A cedar snag, 16 ins. diam., bears N. 69° W., 10.6 ft. dist., with no marks visible.

and accessories mkd. by the Douglas County Surveyors Office

A maple, 13 ins. diam., bears N. 35 3/4° E., 26.0 ft. dist., with a healed double blaze.

An iron rod, 5/8 in. diam., firmly set, flush with the ground, bears N. 45° 27' 38" W., 28.0 ft. dist., with no marks visible.

and bearing tree mkd. by Edwards

A fir, 9 ins. diam., bears N. 47 1/2° W., 14.1 ft. dist., with scribe marks T27S R3 S9 BT visible on an open blaze.

Corner is located 2.0 ft. south of a steel fence post, firmly set, projecting 4 ft. above the ground.

**Retracement of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

The cor. of secs. 3, 4, 9, and 10, perpetuated by James W. Byron, Deputy County Surveyor, in 1957, from original evidence no longer in existence, filed in the Douglas County Surveyors Record of Government Corners Renewed, T. 27 S., R. 3 W., Index No. 39, remonumented by Corbin in 1958, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground (alongside of which is an iron post, 1 1/4 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. COUNTY SURVEYORS OFFICE SEC S3 S4 S9 S10 1957), with brass cap mkd.

| | |
|--------|-------|
| T 27 S | R 3 W |
| S 4 | S 3 |
| | |
| S 9 | S 10 |
| 1958 | |

from which bearing trees mkd. by Byron, reported by Corbin

A fir, 13 ins. diam., bears N. 24 1/2° E., 25.1 ft. dist., with a healed blaze.

A fir, 24 ins. diam., bears S. 69 1/2° E., 13.9 ft. dist., with a healed blaze.

A fir, 21 ins. diam., bears S. 39 1/2° E., 24.8 ft. dist., with a healed blaze.

and remains of bearing trees mkd. by Corbin

A fir, 20 ins. diam., bears S. 51 1/2° E., 38.9 ft. dist., with a healed blaze.

A fir, 16 ins. diam., bears S. 26 1/2° W., 28.4 ft. dist., with a healed blaze.

A sawed fir stump, 15 ins. diam., bears N. 67 3/4° W., 44.2 ft. dist., with no marks visible.

and a new bearing tree

A fir, 7 ins. diam., bears N. 59 1/2° W., 30.9 ft. dist., mkd. T27S R3W S4 BT.

**Retracement of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

The cor. of secs. 8, 9, 16, and 17, remonumented by Corbin in 1958, perpetuated by the Douglas County Surveyors Office in 1989, filed in the Douglas County Surveyors Record of Government Corners Renewed, T. 27 S., R. 3 W., Index No. 155, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.

| | |
|--------|-------|
| T 27 S | R 3 W |
| S 8 | S 9 |
| S 17 | S 16 |
| 1958 | |

from which the remains of the original bearing trees

A fir, 42 ins. diam., bears S. 4° W., 13.2 ft. dist., with a healed blaze.

A sawed fir stump, 49 ins. diam., bears N. 42° W., 36.3 ft. dist., with no scribe marks visible on a partially healed blaze.

and bearing trees mkd. by the Douglas County Surveyors Office

A madrone, 12 ins. diam., bears S. 64° W., 12.8 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.

A cedar, 10 ins. diam., bears N. 67 3/4° W., 27.6 ft. dist., with a healed blaze.

**Retracement of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 9 and 16, reestablished at proportionate dist. by Corbin in 1958, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd.

T 27 S R 3 W
 S 9
 1/4 ———
 S 16
 1958

from which the remains of bearing trees mkd. by Corbin

A fir snag, 14 ins. diam., bears S. 7° E., 38.3 ft. dist., with a healed blaze.

A cedar, 23 ins. diam., bears N. 66° W., 11.9 ft. dist., with a healed blaze.

and a new bearing tree

A fir, 7 ins. diam., bears S. 2 3/4° W., 37.1 ft. dist., mkd. 1/4 S16 BT.

**Retracement of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

The cor. of secs. 4, 5, 8, and 9, perpetuated by Ben B. Irving, Deputy County Surveyor, in 1939, filed in the Douglas County Surveyors Record of Government Corners Renewed, T. 27 S., R. 3 W., Index No. 39, further perpetuated by the Douglas County Surveyors Office in 1969, filed in the Douglas County Surveyors Record of Government Corners Renewed, T. 27 S., R. 3 W., Index No. 115, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 18 ins. above the ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

| | |
|--------|-------|
| T 27 S | R 3 W |
| S 5 | S 4 |
| S 8 | S 9 |
| 1969 | |

from which the remaining original bearing trees

A fir, 55 ins. diam., bears N. 15° E., 16.7 ft. dist., with a healed blaze. (Record, 19.8 ft.)

A fir, 29 ins. diam., bears N. 43 3/4° W., 11.6 ft. dist., with a healed blaze. (Record, N. 10° W., 9.9 ft.)

and a bearing tree mkd. by Irving

A cedar, 18 ins. diam., bears S. 27 3/4° E., 19.1 ft. dist., with a healed double blaze.

and a bearing tree mkd. by the Douglas County Surveyors Office

A fir, 25 ins. diam., bears S. 27 1/2° W., 25.9 ft. dist., with a healed double blaze.

Corner is located on a gentle NW. slope, on the east side of an unmaintained woven wire fence, extending North and South.

**Retracement of a Portion of the Subdivisional Lines,
T. 27 S., R. 3 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 4 and 9, perpetuated by James W. Byron, Deputy County Surveyor, in 1957, from original evidence no longer in existence, filed in the Douglas County Surveyors Record of Government Corners Renewed, T. 27 S., R. 3 W., Index No. 38, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 27 S R 3 W

4

1/4 S —

9

1957

from which the remains of bearing trees mkd. by Byron

A cedar, 12 ins. diam., bears S. 5° E., 21.9 ft. dist., with no marks visible.

A sawed cedar stump, 12 ins. diam., bears N. 39 1/4° W., 14.0 ft. dist., with no marks visible.

and new bearing trees

A fir, 7 ins. diam., bears N. 61° E., 9.0 ft. dist., mkd. 1/4 S4 BT.

A fir, 11 ins. diam., bears S. 27 1/2° E., 12.4 ft. dist., mkd. 1/4 S9 BT.
