FILED
Date: 9/18/2017 By: JC
This survey consists of:
Map: PLAT: T20-8 2017-1
~~Narrative:~~ VOL. 58 PAGES
~~Corner Rpt:~~ 23446-7
NO SEPARATE LINE NOTES
ALL INFORMATION IS ON THE PLAT
DOUGLAS COUNTY
SURVEYOR

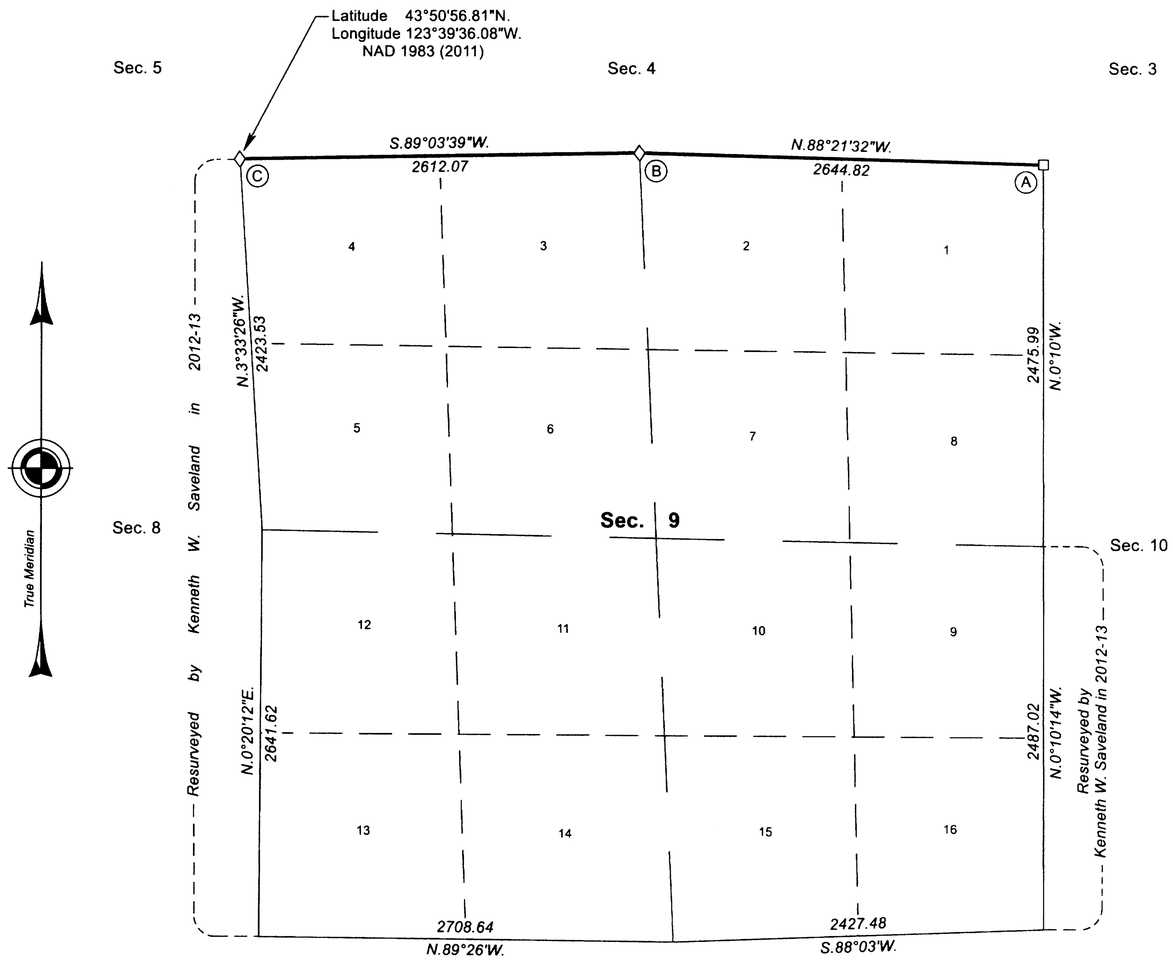
ORIGINAL

OFFICIALLY FILED: 7/14/2017

TOWNSHIP 20 SOUTH, RANGE 8 WEST, OF THE WILLAMETTE MERIDIAN, OREGON

SHEET 1 OF 2

DEPENDENT RESURVEY



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

In 1883, William P. Wright, U.S. Deputy Surveyor, surveyed the subdivisional lines, as shown on the official plat of survey approved August 4, 1884, and accepted August 19, 1884.

In 1953-54, Thomas A. Tillman, Raymond M. Bicknell, Hans W. Thielsen, and Joseph S. Gawron, Cadastral Engineers, resurveyed a portion of the subdivisional lines, as shown on the official plat of survey accepted February 3, 1960.

In 1967, William W. Glenn, C. Albert White, and James E. Jelley, Cadastral Surveyors, remonumented certain original corner points, as described in the official field notes approved March 3, 1977.

In 2005, Aaron M. Graham, Cadastral Surveyor, rehabilitated certain corner points, as described in the official field notes approved January 30, 2009.

In 2012-13, Kenneth W. Saveland, Cadastral Surveyor, resurveyed a portion of the subdivisional lines, as shown on the official plat of survey accepted March 17, 2014.

The following local surveys filed in the Douglas County Surveyor's Office are referred to in the subsequent corner descriptions and are referenced by surveyor's last name, Professional Land Surveyor (PLS) No., and year.

Date	Name and Registration Number	File Number
2014	Ronald L. Rice, PLS No. 54633	M168-37

NOTE:
Unless otherwise noted, the lightweight lines with bearings and distances shown were surveyed by Thomas A. Tillman, Raymond M. Bicknell, Hans W. Thielsen, and Joseph S. Gawron in 1953-54, and were utilized to calculate the areas of the Federal interest land in section 9.

This plat constitutes the entire record of the dependent resurvey of a portion of the subdivisional lines, designed to restore the corners in their true original locations according to the best available evidence, Township 20 South, Range 8 West, Willamette Meridian, Oregon.

The directions of the lines are based on the true meridian as determined by Global Positioning System (GPS) techniques and direct solar observations and carried forward by sustained angulation using conventional survey techniques. All measurements along the lines were derived through the use of GPS and conventional survey techniques. 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.

Official areas based on the measurements of this survey have been returned for Federal interest land where indicated. Aliquot part legal subdivisions retain their aliquot characteristics and refer to precisely the same land as that which was previously identified by its original survey or description. A lot can only be subdivided by survey or supplemental plat. Except as indicated hereon, the lottings and areas are as shown on the plat accepted February 3, 1960.

Preliminary to the resurvey, the lines of the official original survey and resurveys were retraced and a search was made for all corners, lines, other calls of record, and where available, collateral evidence of local surveys and corners. Identified corners were perpetuated in their original positions. The retracement data was thoroughly verified and only the true line field data are given hereon.

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. Only those lines bounding Federal interest land were blazed.

The geographic position shown hereon was determined by a tie from a temporary GPS control point utilizing dual frequency, carrier phase GPS receivers, and processed using the National Geodetic Survey's Online Positioning User Service (OPUS).

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions (2009), and the special instructions approved August 21, 2015, for Group No. 2809, Oregon, by Edith M. Forkner, Cadastral Surveyor, beginning September 1, 2015, and completed October 1, 2015. She was assisted by Jason H. Blum, Keith G. Felker, and Jacob M. Hunt, Surveying Technicians.

LEGAL SUBDIVISION	OFFICIAL ACRES
SECTION 9	
LOT 1	37.29
LOT 2	37.50
LOT 3	37.13
LOT 4	36.47
LOT 5	36.18
LOT 6	36.83
LOT 7	36.75
LOT 8	36.54
LOT 9	36.29
LOT 10	37.23
LOT 11	39.26
LOT 12	39.45
LOT 13	40.47
LOT 14	40.28
LOT 15	36.44
LOT 16	35.50
TOTAL AREA FEDERAL INTEREST LAND RESURVEYED	599.61

I, Edith M. Forkner, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing the approval date of the 21th day of August, 2015, and the assignment instructions bearing the date of the 31th day of August, 2015, I have dependently resurveyed a portion of the subdivisional lines, Township 20 South, Range 8 West, Willamette Meridian, Oregon, which is represented upon this plat as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions, and in the specific manner described on this plat.

Edith Forkner
Cadastral Surveyor

3-13-17
Date

LEGEND

◇ Original corner previously remonumented

□ Corner previously established or reestablished

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Portland, Oregon

The survey represented by this plat, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Mary J. M. Hautl
Chief Cadastral Surveyor of Oregon

March 24, 2017
Date

700 350 0 700 1400 2100 2800
Scale in Feet

TOWNSHIP 20 SOUTH, RANGE 8 WEST, OF THE WILLAMETTE MERIDIAN, OREGON

DEPENDENT RESURVEY

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(A) The cor. of secs. 3, 4, 9, and 10, perpetuated by Rice, PLS No. 54633, in 2014; monumented with an iron post, 2 ins. diam., firmly set, projecting 19 ins. above ground, in a collar of stone, with a brass cap mkd.

T 20 S, R 8 W
S 4 | S 3
S 9 | S 10
1954

from which the remains of the bearing trees mkd. by Tillman, et al., in 1953-54

A fir stump, 53 ins. diam., bears N. 47 1/2° E., 33.7 ft. dist., no marks visible.

A fir, 41 ins. diam., bears S. 78 1/2° E., 33.7 ft. dist., with a healed blaze.

A fir snag, 60 ins. diam., bears S. 33° W., 73.3 ft. dist., no marks visible.

and the bearing trees mkd. by Rice

A fir, 19 ins. diam., bears N. 26° E., 63.0 ft. dist., with scribe marks T20S R8W S3 BT visible on partially healed blaze and a nail at the base on the right side center.

A fir, 17 ins. diam., bears N. 67 1/2° W., 48.4 ft. dist., with scribe marks T20S R8W S4 BT visible on partially healed blaze and a nail at the base on the right side center.

and a new bearing tree

A fir, 12 ins. diam., bears S. 77° W., 27.3 ft. dist., mkd. X BT.

Corner is located on a rocky outcrop. Drive an aluminum angle iron 2 ft. NE. of the cor.

(B) The 1/4 sec. cor. of secs. 4 and 9, monumented with an iron post, 1 in. diam., firmly set, projecting 1 in. above a sandstone, 4 x 3 x 2 ft., with a brass cap mkd.

S 4
1/4
S 9
1954

from which an original bearing tree

A fir, 57 ins. diam., bears S. 75° E., 8.6 ft. dist., with no marks visible on decayed partially healed blaze.

and the remains of a bearing tree mkd. by Tillman, et al., in 1953-54

A fir stump, 61 ins. diam., bears N. 62 1/2° E., 37.6 ft. dist., with no marks visible on burned partially healed blaze.

and a bearing tree mkd. by Graham in 2005

A fir, 13 ins. diam., bears N. 15 1/2° W., 5.6 ft. dist., with a healed blaze and a Mag Nail at the base on the right side center.

Drive an aluminum angle iron on the E. side of the sandstone.

(C) The cor. of secs. 4, 5, 8, and 9, monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above ground (alongside of which is an iron pipe, 1 1/2 ins. diam., firmly set, projecting 7 ins. above ground), with a brass cap mkd.

T 20 S, R 8 W
S 5 | S 4
S 8 | S 9
1954

from which the remains of an original bearing tree

A decayed fir stump, size indeterminate, bears S. 65° E., 21.8 ft. dist., with no marks visible on pitch face and a healed blaze.

and the remains of the bearing trees mkd. by Tillman, et al. in 1953-54

A decayed fir stump, 33 ins. diam., bears S. 12° W., 22.2 ft. dist., with scribe marks T20S R8W S8 BT visible on open blaze. (Record, 24.4 ft. dist.)

A decayed fir stump, 24 ins. diam., bears N. 29° W., 37.6 ft. dist., with a healed blaze.

and the bearing trees mkd. by Graham in 2005

A fir, 26 ins. diam., bears N. 63° E., 15.3 ft. dist., with a healed blaze and an embedded Mag Nail at the base on the right side center.

A fir, 24 ins. diam., bears S. 4° E., 31.8 ft. dist., with a healed blaze.

A fir, 9 ins. diam., bears S. 42° W., 32.0 ft. dist., with a healed blaze and an embedded Mag Nail at the base on the right side center.

A fir, 15 ins. diam., bears N. 57° W., 20.5 ft. dist., with a healed blaze and an embedded Mag Nail at the base on the right side center.

An aluminum fence post is alongside the monument, which is located on the NE. cor. of a recently logged area, edge bears S. and W.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Portland, Oregon

The survey represented by this plat, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Mary J. M. Haitel

Chief Cadastral Surveyor of Oregon

March 24, 2017

Date