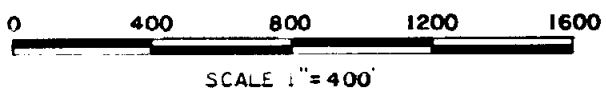


BASIS OF BEARING-SOLAR OBSERVATION



Property line survey in Section 32,
T.38S., R.4E., Willamette Meridian
Jackson County, Oregon.

ADMINISTRATIVE SURVEY

FOR: U.S. Bureau of Land Management
Medford District Office
Medford, Oregon

SURVEY BY: Frank A. Tuers

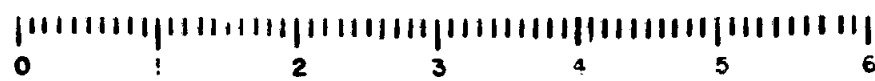
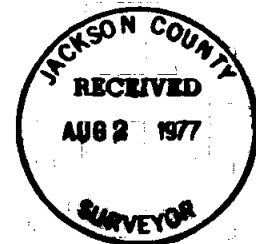
DATE: July 28, 1977

DRAWN BY: R.H. Becker

- ◊ Original corner found
- Corner set, 5/8" rebar, 24" long with aluminum cap, marked.
- Corner not set.

NOTE: Bearings are taken to the center of the new bearing tree with a spike driven into tree at the base and a blaze. Distance is measured to an aluminum nail in the side.

Private Land



10 SCALE

From the N 1/16 sec. cor. bet. secs. 32 and 33.

N. 89° 46' 37" W., on the E. and W. centerline of the NE¼ of sec. 32.

1335.00 The NE 1/16 sec. cor. of sec. 32.

Begin marking and blazing the true line to the center N 1/16 sec. cor.

2669.94 The center N 1/16 sec. cor. of sec. 32.

From the E 1/16 sec. cor. of sec. 32 only, on the south boundary of sec. 32.

N. 0° 17' 43" E., on the N. and S. centerline of the SE¼ of sec. 32, marking and blazing the true line.

2662.15 The center E 1/16 sec. cor. of sec. 32.

From the center W 1/16 sec. cor. of sec. 32.

N. 0° 05' 20" E., on the N. and S. centerline of the NW¼ of sec. 32, marking and blazing the true line to the W 1/16 sec. cor. bet. secs. 29 and 32.

1333.87 Point for the NW 1/16 sec. cor. of sec. 32, at the intersection with the E. and W. centerline of the NW¼.

Set an iron rebar, 5/8 ins. diam., 24 ins. long, 20 ins. in the ground, and in a mound of stone 2 ft. base, to top, with aluminum cap mkd.

NW 1/16 S32
1977

from which

A fir, 7 ins. diam., bears S. 39½° W., 42.30 ft. dist.

A fir, 13 ins. diam., bears N. 53 3/4° W., 27.75 ft. dist.

2667.91 The W 1/16 sec. cor. bet. secs. 29 and 32.

From the center N 1/16 sec. cor. of sec. 32.

N. 89° 38' 05" W., on the E. and W. centerline of the NW¼ of sec. 32.

1334.37 The NW 1/16 sec. cor. of sec. 32.

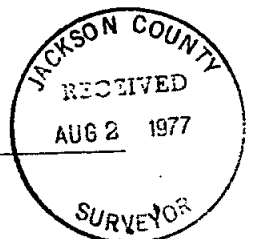
Begin marking and blazing the true line.

2672.60 The N 1/16 sec. cor. bet. secs. 31 and 32.

FIELD ASSISTANTS

Robert L. Aarseth - Principal Assistant

T.K. Rightor



Frank A. Tuers



From the $\frac{1}{4}$ sec. cor. bet. secs. 32 and 33.

N. $89^{\circ} 45' 51''$ W., on the E. and W. centerline of sec. 32.

1333.72 Point for the center E $\frac{1}{16}$ sec. cor. of sec. 32.

Set an iron rebar, $\frac{5}{8}$ ins. diam., 24 ins. long, 20 ins. in the ground with aluminum cap mkd.

E $\frac{1}{16}$
C-----C
S32
1977

from which:

A pine, 7 ins. diam., bears N. $\frac{1}{2}^{\circ}$ E., 10.50 ft. dist.

A pine, 7 ins. diam., bears S. $19\frac{1}{4}^{\circ}$ W., 11.95 ft. dist.

Begin marking and blazing the true line to the center W $\frac{1}{16}$.

2667.44 The center $\frac{1}{4}$ sec. cor. of sec. 32.

3998.84 Point for the center W $\frac{1}{16}$ sec. cor. of sec. 32.

Set an iron rebar, $\frac{5}{8}$ in. diam., 24 ins. long, 20 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with aluminum cap mkd.

W $\frac{1}{16}$
G-----C
S32
1977

from which:

A fir, 22 ins., diam., bears S. 6° E., 13.40 ft. dist.

A fir, 15 ins. diam., bears N. 11° W., 21.40 ft. dist.

5330.24 The $\frac{1}{4}$ sec. cor. bet. secs. 31 and 32.

From the center E $\frac{1}{16}$ sec. cor. of sec. 32.

N. $0^{\circ} 18' 00''$ E., on the N. and S. centerline of the NE $\frac{1}{4}$ of sec. 32.

Begin marking and blazing the true line to the NE $\frac{1}{16}$ sec. cor.

1331.29 Point for the NE $\frac{1}{16}$ sec. cor. of sec. 32, at the intersection with the E. and W. centerline of the NE $\frac{1}{4}$.

Set an iron rebar, $\frac{5}{8}$ ins. diam., 24 ins. long, 20 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with aluminum cap mkd.

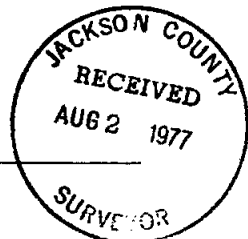
NE $\frac{1}{16}$ S32
1977

from which:

A fir, 14 ins. diam., bears S. $80\frac{1}{2}^{\circ}$ E., 42.5 ft. dist.

A fir, 7 ins. diam., bears S. 21° W., 27.30 ft. dist.

2662.62 The E $\frac{1}{16}$ sec. cor. of secs. 29 and 32.



N. 89° 31' 02" W., beginning new measurement. Begin marking and blazing the true line to the W 1/16 sec. cor. bet. secs. 29 and 32.

1338.37 Point for the W 1/16 sec. cor. of secs. 29 and 32.

Set an iron rebar, 5/8 ins. diam., 24 ins. long, 22 ins. in the ground, with aluminum cap mkd.

W 1/16 S29
S32
1977

from which

A fir, 22 ins. diam., bears S. 60½° E., 51.43 ft. dist.

A fir, 12 ins. diam., bears N. 46 3/4° W., 33.93 ft. dist.

2676.74 The cor. of secs. 29, 30, 31, and 32.

Subdivision of Section 32
T. 38 S., R. 4 E., Willamette Meridian, Oregon

From the ¼ sec. cor. of secs. 5 and 32.

N. 0° 15' 36" E., on the N. and S. centerline of sec. 32.

2665.54 Point for the center ¼ sec. cor. of sec. 32, at the intersection with the E. and W. centerline.

Set an iron rebar, 5/8 in. diam., 24 ins. long, 20 ins. in the ground with aluminum cap mkd.

T38S R4E
C ¼ S32
1977

from which:

A fir, 8 ins. diam., bears S. 56° E., 38.75 ft. dist.

A fir, 8 ins. diam., bears N. 4 3/4° W., 10.05 ft. dist.

3996.67 Point for the center N 1/16 sec. cor. of sec. 32.

Set an iron rebar, 5/8 ins. diam., 24 ins. long, 20 ins. in the ground with aluminum cap mkd.

C
N 1/16 S32
C
1977

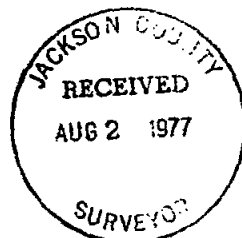
from which

A fir, 11 ins. diam., bears N. 82° E., 28.45 ft. dist.

A fir, 18 ins. diam., bears S. 24° W., 29.60 ft. dist.

Begin marking and blazing the true line to the ¼ sec. cor. of secs. 29 and 32.

5327.80 The ¼ sec. cor. of sec. 29 and 32.



A fir snag, 19 ins. diam., bears N. 51° E., 32 lks. dist., with healed blaze and old location poster.

A fir, 20 ins. diam., bears S. 49° W., 24.5 lks. dist., with visible scribe marks 38 S31 on partly healed blaze (Record 22 lks.).

and bearing trees mkd. by Thielsen in 1957

A fir, 25 ins. diam., bears S. 42 3/4° E., 77 lks. dist., with visible scribe marks S32 on partly healed blaze (Record S. 44° E.).

A fir, 17 ins. diam., bears N. 53° W., 119 lks. dist., with partly healed blaze.

From the cor. of secs. 28, 29, 32, and 33.

N. 89° 46' 13" W., bet. secs. 29 and 32.

1336.09 Point for the E 1/16 sec. cor. of secs. 29 and 32.

Set an iron rebar, 5/8 in. diam., 24 ins. long, 18 ins. in the ground in a mound of stone, 2 ft. base, to top, with aluminum cap mkd.

E 1/16 $\frac{S29}{S32}$
1977

from which

A fir, 10 ins. diam., bears N. 30 3/4° E., 5.10 ft. dist.

A fir, 6 ins. diam., bears S. 45 1/2° W., 10.70 ft. dist.

2672.18 The 1/4 sec. cor. of secs. 29 and 32, perpetuated by B. Molotte and R. Frost in 1976, monumented with an iron pipe 1 in. diam., firmly set, protruding 6 ins. above ground in a mound of stone, with brass cap mkd.

Jackson County
T38S R4E
1/4S $\frac{29}{32}$
1976

from which the remains of the original bearing trees:

A pine, 54 ins. diam., bears N. 22° E., 84 lks. dist., to face, with healed blaze.

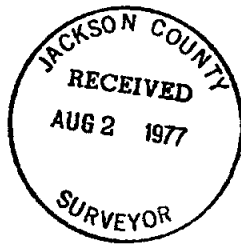
A sawed fir stump, 40 ins. diam., bears S. 3 3/4° W., 210 lks. dist., with visible scribe marks BT.

and bearing trees mkd. by County in 1976

A pine, 12 ins. diam., bears S. 4° W., 2.4 ft. dist., with visible scribe marks CS BT on partly healed double blaze.

A fir, 23 ins. diam., bears N. 53° W., 25.2 ft. dist., with visible scribe marks CS BT on partly healed double blaze.

Alongside the iron pipe is lying the original basalt stone 20 x 8 x 7 ins., with visible chisel marks 1/4 S.



S. 89° 14' 41" W., bet. secs. 28 and 33, flagging the true line.

2689.11 The cor. of secs. 28, 29, 32, and 33.

From the cor. of secs. 5, 6, 31, and 32.

N. 0° 01' 21" W., bet. secs. 31 and 32.

2661.62 Point for the $\frac{1}{2}$ sec. cor. of secs. 31 and 32, determined by the irregular boundary method of proportioning. Point falls in Howard Prairie Reservoir, no monument set.

N. 0° 10' 21" W., beginning new measurement.

1305.42 The Witness Point of secs. 31 and 32, monumented with an iron post, 2 ins. diam., firmly set, protruding 18 ins. above ground in a mound of stone, 2½ ft. at base, 12 ins. high, with brass cap mkd.

T38S R4E
WP
S31|S32
1957

from which the remaining bearing tree:

A fir, 26 ins. diam., bears N. 20° W., 17 lks. dist.,
with visible scribe marks WP S31 BT on partly healed blaze
(Record 29 lks.).

N. 0° 04' 49" E., beginning new measurement.

31.43 Point for the N 1/16 sec. cor. of secs. 31 and 32.

Set an iron rebar, 5/8 ins. diam., 24 ins. diam., 20 ins. in the ground with aluminum cap mkd.

N 1/16
S31|S32
1977

from which

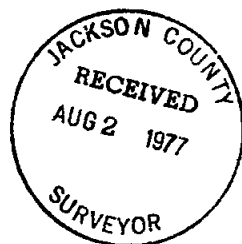
A fir, 8 ins. diam., bears S. 59½° E., 5.65 ft. dist.

A pine, 11 ins. diam., bears N. 39° W., 18.95 ft. dist.

1368.28 The cor. of secs. 29, 30, 31, and 32, perpetuated by Hans W. Thielsen, Cadastral Surveyor, in 1957, monumented with a 2 ins. diam. iron post, firmly set, protruding 10 ins. above ground and in a mound of stone, 3 ft. base, 2 ft. high, with brass cap mkd.

T38S R4E
S30|S29
S31|S32
1957

from which the remains of the original bearing trees:



N. 0° 20' 45" E., beginning new measurement.

1331.34 Point for the N 1/16 sec. cor. of secs. 32 and 33.

Set an iron rebar, 5/8 ins. diam., 24 ins. long, 20 ins. in ground, with aluminum cap mkd.

N 1/16
S32|S33
1977

from which:

A fir, 17 ins. diam., bears N. 13 3/4° E., 6.80 ft. dist.

A fir, 8 ins. diam., bears S. 84° W., 6.50 ft. dist.

2662.68 The cor. of secs. 28, 29, 32, and 33, perpetuated by Hans W. Thielsen, Cadastral Surveyor, in 1958, monumented with a 2 ins. diam. iron post, firmly set, protruding 8 ins. above ground, with brass cap mkd.

T38S R4E
S29|S28
S32|S33
1958

from which the remains of the original bearing trees:

A sawed fir stump, 28 ins. diam., bears N. 40° E., 30 lks. dist., to face, with healed blaze (Record N. 41° E.).

and bearing trees mkd. by Thielsen in 1958:

A fir, 30 ins. diam., bears N. 41 1/2° E., 114 lks. with healed blaze (Record N. 40 1/2° E.).

A fir, 25 ins. diam., bears S. 42 1/2° W., 211 lks. dist., with visible scribe marks 8 SR on partly healed blaze.

From the 1/4 sec. cor. of secs. 28 and 33, perpetuated by Lynn M. Roseberry, Cadastral Surveyor, in 1973, monumented with an iron post, 2 1/2 ins. diam., firmly set, protruding 6 ins. above ground, with brass cap mkd.

T38S R4E
1/4 S28
S33
1973

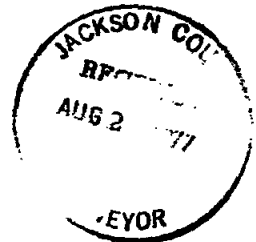
from which the original bearing trees:

A fir, 28 ins. diam., bears S. 71 1/2° E., 35 lks. dist., to face, with healed double blaze (Record S. 75° E.).

A fir, 25 ins. diam., bears N. 20 1/2° W., 42 lks. dist., to face, with visible scribe marks BT on open double blaze (Record N. 22 1/2° W.).

and a bearing tree mkd. by Roseberry, in 1973

A fir, 11 ins. diam., bears N. 44 1/2° E., 40 1/2 lks. dist., with visible scribe mkd. 1/4 S28 BT on partly healed blaze (Unofficial Record N. 43° E.).



from which the remains of the original bearing trees:

- A root hole, bears S. 55° W., 33 lks. dist.
- A pine stump, 32 ins. diam., bears N. 9° W., 50 lks. dist., with burned blaze.

and bearing trees mkd. by Thielsen in 1957:

- A pine, 12 ins. diam., bears N. 51½° E., 70 lks. dist., with visible scribe marks 8S R4E S32 BT on partly healed blaze (Record 69 lks.).
- A pine, 12 ins. diam., bears S. 55° E., 68 lks. dist., with healed blaze (Record 69 lks.).
- A pine, 24 ins. diam., bears S. 68° W., 87 lks. dist., with visible scribe marks S4 of partly healed blaze.
- A rotted stump, size indeterminate, bears N. 54½° W., 125 lks. dist., no visible scribe marks on burned face.

Corner located on island in Howard Prairie Reservoir.

Dependent Resurvey of a Portion of the
Subdivisional Lines, T. 38 S., R. 4 E.,
Willamette Meridian, Oregon

From the cor. of secs. 32 and 33.

N. 0° 21' 43" E., bet. secs. 32 and 33.

2659.65 The ¼ sec. cor. of secs. 32 and 33, perpetuated by Lynn M. Roseberry, Cadastral Surveyor, in 1973, monumented with a 2 ins. diam. iron post, firmly set, protruding 4 ins. above ground, and in a mound of stone 18 ins. base and 6 ins. high, with brass cap mkd.

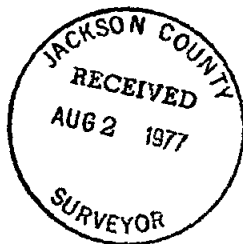
T38S R4E
¼
S32|S33
1973

from which the remains of the original bearing trees:

- A rotted fir stump, size indeterminate, bears N. 43° E., 7 lks. dist., to face, with visible scribe marks BT on open blaze.
- A stump hole, bears N. 73° W., 24 lks. dist.

and bearing trees mkd. by Roseberry in 1973

- A ponderosa pine, 30 ins. diam., bears S. 72° E., 42½ lks. dist., with visible scribe marks ¼ S32 BT on partly healed blaze.
- A fir, 35 ins. diam., bears S. 48° W., 28½ lks. dist., with partly healed blaze.



and a bearing tree mkd. by Roseberry in 1973

A fir, 24 ins. diam., bears N. 18° E., 81 lks. dist.,
with visible scribe marks T38S R4E S32 BT on partly healed blaze.

Alongside iron post is the 1893 basalt stone with 4 notches on E. and
2 notches on W.

N. 89° 54' 39" W., bet. secs. 5 and 32.

1331.33 Point for the E 1/16 sec. cor. of sec. 32 only.

Set an aluminum cap, 1½ ins. diam., ¾ in. stem, seated in a granite stone,
size indeterminate, 6 ins. below ground, with aluminum cap mkd.

E 1/16 S32
1977

from which

A fir, 11 ins. diam., bears S. 47½° E., 48.90 ft. dist.

A fir, 22 ins. diam., bears N. 44° W., 24.60 ft. dist.

Begin marking and blazing the true line to the ¼ sec. cor. of secs.
5 and 32.

2662.66 The ¼ sec. cor. of secs. 5 and 32, perpetuated by Hans W. Thielsen,
Cadastral Surveyor, in 1957, monumented with an iron post 1 in. diam.,
firmly set, protruding 6 ins. above ground, with brass cap mkd.

T38S R4E
¼ S 32
S 5

T39S R4E
1957

from which the remains of the original bearing trees:

A fir, 40 ins. diam., bears S. 1° W., 84 lks. dist.,
to face, with healed double blaze.

A sawed fir stump, 33 ins. diam., bears N. 18° W.,
25 lks. dist., to face, no visible scribe marks.

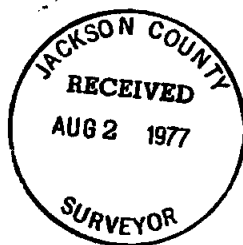
and bearing tree mkd. by County:

A fir, 14 ins. diam., bears N. 6½° W., 69.4 ft. dist.,
with visible scribe marks CS BT on partly healed
double blaze (Record N. 5° W.).

N. 89° 41' 10" W., beginning new measurement.

2650.73 The cor. of secs. 5, 6, 31, and 32, perpetuated by Hans W. Thielsen,
Cadastral Surveyor, in 1957, monumented with an iron post 2 ins. diam.,
firmly set, protruding 12 ins. above ground, with brass cap mkd.

T38S R4E
S31|S32
S 6|S 5
T39S
1957



SURVEY NARRATIVE TO COMPLY WITH ORS 209.250

SURVEY FOR: United States Department of the Interior, Bureau of Land Management, Medford District, 310 West 6th, Medford, Oregon.

Purpose of Survey: Administrative survey to segregate the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$, the W $\frac{1}{2}$ of the SE $\frac{1}{4}$ and the E $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 32, T. 38 S., R. 4 E., Will. Mer., Jackson County, Oregon.

The history of surveys of T. 38 S., R. 4 E., pertaining to this survey is as follows:

In 1859, Sewall Truax surveyed the south and west boundaries and a portion of subdivisional lines, as shown on the official plat of survey approved December 23, 1859. In 1870, Applegate and McCall surveyed a portion of the subdivisional lines, as shown on the official plat of survey approved November 18, 1871. In 1957, Hans W. Thielsen, Cadastral Surveyor, dependently resurveyed a portion of the south and west boundaries and a portion of the subdivisional lines as shown on the official plat of survey approved March 27, 1959. In 1958, Hans W. Thielsen remonumented certain original corners under special instructions dated May 3, 1957, Group No. 350. In 1973, Lynn M. Roseberry, Cadastral Surveyor, remonumented certain original corners under special instructions dated May 3, 1957, Group No. 350, unofficial field notes.

Preliminary to the resurvey, the lines of the original survey were retraced, and search was made for all corners and other calls of the record.

The survey was executed in accordance with the specifications as set forth in the Digest of Oregon Land Surveying Laws and the Manual of Surveying Instructions, 1973.

The direction of lines were determined by solar observations on the sun. The instruments used were Wilde TD 16 Theodolite, Hewlett-Packard Model 3805A, 300 foot steel tape, and 66 foot steel standard.

NOTE: The bearings are taken to the center of the new bearing tree with a spike driven into the tree at the base and a blaze. The distance is measured to an aluminum nail in the side.

Dependent Resurvey of a Portion of the
South Boundary, T. 38 S., R. 4 E.,
Willamette Meridian, Oregon

Beginning at the cor. of secs. 32 and 33 only, on the S. bdy. of the Tp., perpetuated by Lynn M. Roseberry, Cadastral Surveyor, in 1973, monumented with an iron post, 2 $\frac{1}{2}$ ins. diam., firmly set, protruding 8 ins. above ground, and in a mound of stone, 3 ft. base, 6 ins. high, with brass cap mkd.

T38S R4E
S32|S33
55
1973

from which the remaining original 1859 bearing trees redescribed in 1893:

A fir, 33 ins. diam., bears N. 31° E., 71 lks. dist.,
to face, with healed blaze.

A pine, 59 ins. diam., bears S. 14° E., 41 lks. dist.,
to face, with healed blaze.

