



create a triangle to compute the distances from the west  $\frac{1}{4}$  corner and the south  $\frac{1}{4}$  corner to the center of Sec. 4, from bearings of the north-south and east-west  $\frac{1}{4}$  lines as shown on the accompanying map. By the same method of calculation the true distance from the East  $\frac{1}{4}$  corner to the center of said Section was established.

The corners of the  $SE\frac{1}{4}$  of the  $NE\frac{1}{4}$  and The  $NE\frac{1}{4}$  of the  $SE\frac{1}{4}$  of Section 8 are set according to the bearings and distances shown on the accompanying map by sectional subdivision, also the corners of the  $S\frac{1}{2}$  of the  $NW\frac{1}{4}$  and the  $N\frac{1}{2}$  of the southwest  $\frac{1}{4}$  of Section 9 are set according to the courses and distances shown on the accompanying map and derived from the subdivision of said Section.

All corners of the above tracts are set and witness trees scribed for same as numbered under the legend appearing on said map.



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Survey No. \_\_\_\_\_ Recorded in the County Surveyors Office

For: J. D. Ross, Ross Lane, Medford, Oregon

Surveyed: Commenced June 1948, Ended Jan. 20, 1949

Purpose of Survey: To establish corners of and boundary lines of the E $\frac{1}{2}$  of the SW $\frac{1}{4}$  and W $\frac{1}{2}$  of the SE $\frac{1}{4}$  of Section 4, the SE $\frac{1}{4}$ NE $\frac{1}{4}$  and the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 8, the S $\frac{1}{2}$  of the NW $\frac{1}{4}$  and the N $\frac{1}{2}$  of the SW $\frac{1}{4}$  of Section 9, all in T.35 S. R.4 W. ".M.", Oregon.

## Survey procedure:

Transit survey, K. & F. transit 6" vernier graduated to 30 seconds of arc. Commenced at an Iron Pipe at the south  $\frac{1}{4}$  corner of Section 9, which pipe was set by the County Surveyors Office and duly witnessed and recorded, thence ran on a direct line West to the Section corner common to Sec. 8, 9, 16 and 17, which is an iron pin set in place by the Co. Surveyor, a distance of 2669.40 feet; thence traversed to the  $\frac{1}{4}$  corner common to Sec. 8 and 17 and calculated the true bearing and distance from said Section corner to said  $\frac{1}{4}$  corner, the  $\frac{1}{4}$  corner being an iron pipe set in position by Co. surveyors office, bearing and distance as shown on accompanying plat; thence from said  $\frac{1}{4}$  corner ran a traverse to the west  $\frac{1}{4}$  corner of Section 8 for coordination of this point, set stake at corner position from witness tree as desc. in original field notes.

Began at the Sec. corner common to Sec. 8, 9, 16 and 17, thence traversed northerly to the  $\frac{1}{4}$  corner common to Sec. 8 and 9, which  $\frac{1}{4}$  corner is an iron pipe set in place by Co. surveyor; thence traversed to the Sec. corner common to 4, 5, 8 and 9, which is marked with an iron bar set for corner by a prior survey, the position of which checks from the only remaining orig. bearing tree; thence traversed easterly to the  $\frac{1}{4}$  corner common to Sec. 4 and 9, an iron pipe set in position by the County surveyor; thence traversed easterly to the 1/16 corner, an iron pipe set in place by the County surveyor; thence traversed northerly and easterly to the  $\frac{1}{4}$  corner common to Sec. 3 and 4, an iron pipe set in position by the County Surveyor; thence from a point on the traverse line I traversed to the north  $\frac{1}{2}$  corner of Sec. 4, a hub and tack set in position from the original bearing trees; thence traversed southwesterly to the  $\frac{1}{4}$  corner common to Sec. 4 and 5, I found one remaining original bearing trees in the southwest quadrant which was dead and rotting and as it would not remain in place very long I set a 3/4"x 30" G.I. pipe in position from this and scribed 2 new bearing trees for this as shown as # 14 on the accompanying plat; thence from said  $\frac{1}{4}$  corner I traversed southerly to the Sec. corner common to Sec. 4, 5, 8 and 9 creating a traverse closure on the total circuit and by coordinate calculations the error of closure was 0.27 feet in northing and ~~±~~ 0.45 feet in westing which was within the allowable error of acceptance for this length of traverse; thence traversed westerly to the  $\frac{1}{4}$  corner common to Sec. 5 and 8, found one original B.T. remaining and set stake in position from this: thence traversed to  $\frac{1}{4}$  corner common to Sec. 7 & 8 and tied to line previously run to this point from the south  $\frac{1}{4}$  corner of said Sec. 8 and found an angle error of  $0^{\circ}33'$  and an error of coordinate closure of 6.88 feet in northing and 12.72 feet in westing, which was too large an error for acceptance so I retraced these lines finding two errors in deflection one of  $1^{\circ}01'$  and another of  $0^{\circ}30'$  having corrected the bearings of these lines the traverse closure was out  $0^{\circ}02'$  and the coordinate closure was in error of 0.21 feet in northing and 0.38 feet in westing. As this error was within the limits of acceptance I prorated these errors through to total traverse circuit and calculated the coordinates for all points.

From the coordinates of the east and west  $\frac{1}{4}$  corners of Sec. 4 I calculated the true bearing and distance between these two points and from the coordinates of the north and south  $\frac{1}{4}$  corners of said Section I calculated the bearing and distance between these points. Bearings and distances are as shown on the accompanying plat.

From the coordinates of the west  $\frac{1}{4}$  corner and the south  $\frac{1}{2}$  cor. of Sec. 4 I calc. the Bearing and distance between these corners to