COUNTY SURVEYOR'S RECORD, DOUGLAS COUNTY, OREGON

BUSHORG & CO PORTLAND, ORE. 87545

Survey No. *Made on* April 13, 1948 to June 1, 1948	*Survey No.* *Made on*
In Town. 30 S *Range* 5 W *Sec.* 18	*In Town.* *Range* *Sec.*
Made for J. E. and G. A. Fitzpatrick	*Made for*
Purpose of - to establish the Center ¼ Sec. Cor., E C-C 1/16 Sec. Cor. and N bdy. of SE¼ Sec. 18.	*Purpose of*
Drawer 39 File 171 M20-23	

Wm. Weaver had knowledge of the request and verbally waived notification by registered mail. This is a Legal Survey.

Reference to the attached map.

The survey was commenced at the ¼ Sec. Cor. on the West side of Sec. 18, T 30 S, R 5 W, WM., which was an axle from which a White Oak 8" diam. bears S 89° W 9.1 ft. and a White Oak 8" Diam. bears S 34° E 14.5 ft. properly blazed and scribed and as recorded in the office of the County Surveyor. From this corner a traverse was run to an axle which had been set for the ¼ sec. cor.to Secs. 17 and 18 and from which a Fir 14" diam. bears S 57° 51' W 8.2 ft. and a Fir 10" diam. bears S 55° 24' E 2.2 ft.

This is not as described in the record of renewed corners in the office of the County Surveyor but is the corner described in the field notes of the then County Surveyor, H. L. Eppstein made during a survey made for the Fitzpatricks and Weavers in 1926.

The corner described in the recorded corners as set by Mr. Eppstein in the record of renewed corners, apparently was destroyed, and the one found and described in the notes was substituted therefor. This corner was set by proportional measurement as prescribed by the "Manual of Instructions for the Survey of Public Lands" published by the U. S. Land Office. The corner as recorded by Mr. Eppstein previously had been set by him upon the testimony of Mr. Edwin Weaver (since deceased), that a certain Oak tree had been an original bearing tree. Mr. Jesse Cole, a previous County Surveyor, in the notes of a survey made in 1921 had declined to use this tree and testimony because of its variance with the official record.

Traverse was run to the Northeast corner of Section 18 from this ¼ Sec. Cor., which gave a bearing and distance of N 3° 04' E 2748.7 ft. Another travers was made to the Southeast corner of said sections which gave a bearing and distance of S 3° 12' W 2758.4 ft.

After careful consideration of all of this data and the time that the axle had been in place it was decided that no change could be made in its position.

Knowing that the ¼ sec. corner between Sections 7 and 18 had been obliterated, a traverse was run from the Northeast corner of Section 18, which is a 1" iron pipe in a mound of rock as described and recorded in the office of the County Surveyor with bearing trees as follows: 36" White Oak which bears N 25° E 20.5 ft., 15" White Oak which bears S 5° E 117.5 ft., 18" White Oak which bears S 5° W 107.6 ft. The tree in the Northwest quadrant having been destroyed a 20" White Oak which bears N 70° W 108.8 ft. was blazed and scribed; to the Northwest corner of Section 18 which was reestablished as hereinafter described. This line was found to bears S 88° 51' W 5967.4 ft. At a point on this line, proportional to the distances given in the original survey, the ¼ corner of Secs. 7 and 18 was established which is a 1" x 36" iron pipe with a brass cap marked County Surveyor's Office ¼ Sec. 7-18, placed 2" underground and from which a 12" White Oak bears N 56° W 24.3 ft. and a 24" Black Oak bears S 35° E 72.0 ft. Certain local residents (Mr. Matthews and Wm. Weaver) state that this section line runs through a barn some 40 ft. South of this point but lacking definite and conclusive information it was decided to place the corner on the direct line between the above mentioned corners.

The Northwest corner of the section had been destroyed a number of years ago but Mr. Frank Weaver remembered its approximate location and that the bearing trees had been used for wood. At the time of its destruction it was not believed to be an authentic corner because no information was at hand locally indicating two sets of corners existed along this gange line.

The East sec. cor. 12-13, T 30 S, R 6 W, WM., was found as described in the records of the County Surveyor's Office and is an iron pipe 4" underground and from which a 16" Maple bears N 57° 30' E 215.2 ft. The Ash tree has been destroyed. Additional bearing trees were blazed and scribed, a 6" Black Oak bearing S 80° 20' W 38.1 ft., and a 18" Black Oak bearing S 3° 27' W 168.4 ft.

A traverse was run from the Northeast corner of Section 13 to the ¼ Sec. corner on the East boundary of Sec. 13, which was found to be S 1° 29' 30" W 2608.4 ft. and at a point 4 chains (264 ft.) Southerly and on this line a 1" iron pipe with a brass cap was set for the Northwest corner of Sec. 18. The cap was marked County Surveyor office Sec. 7-18, T 30 S, R 5 W, and from which a 28" Oak bears N 25° W 149.5 and a 12" Pine bears S 56° 15' E 68.5 ft. No tree available in the Northeast.

A traverse was run from the ¼ sec. corner of Secs. 18-19 (which is a 1" iron pipe from which an 18" Fir bears S 0° 32' W 7.6 ft.) Northerly through the center of Sec. 18 to the ¼ sec. corner of Secs. 7-18 previously described. The true line was found to bear N 2° 22'30"E 5360.8 ft. At the intersection of this line and the East-West centerline of Sec. 18, a 1" x 36" iron pipe with a brass cap, marked County Surveyor's Office C ¼ S 18, was place, from which a 38" Fir bears N 18° E 13.6 ft. and a 44" Fir bears S 80° E 14.8 ft. for the center ¼ sec. cor. of Sec. 18.

At the mid-point on the line between the Center ¼ cor. of Sec. 18 and the E ¼ cor. of Sec. 18, a 2" x 36" iron pipe was set in a rock mound , from which an 18" Black Oak bears N 13° W 117.4 ft. for the East Center 1/16 sec. cor. of Sec. 18.

The attached map of this survey is a part of this record and shows the final results of the survey.

A solar observation was made and all angles turned in deflection therefrom and doubled for check. The transits used were in good shape and adjustment.

All chaining was carefully done by experiencedchainmen using a 300 ft. tape. Slope distances and vertical angles were measured and reduced to the horizontal.

Excellent closures were obtained on all closed traverses, proving that all measurements were carefully made.

Ben B. Irving
County Surveyor