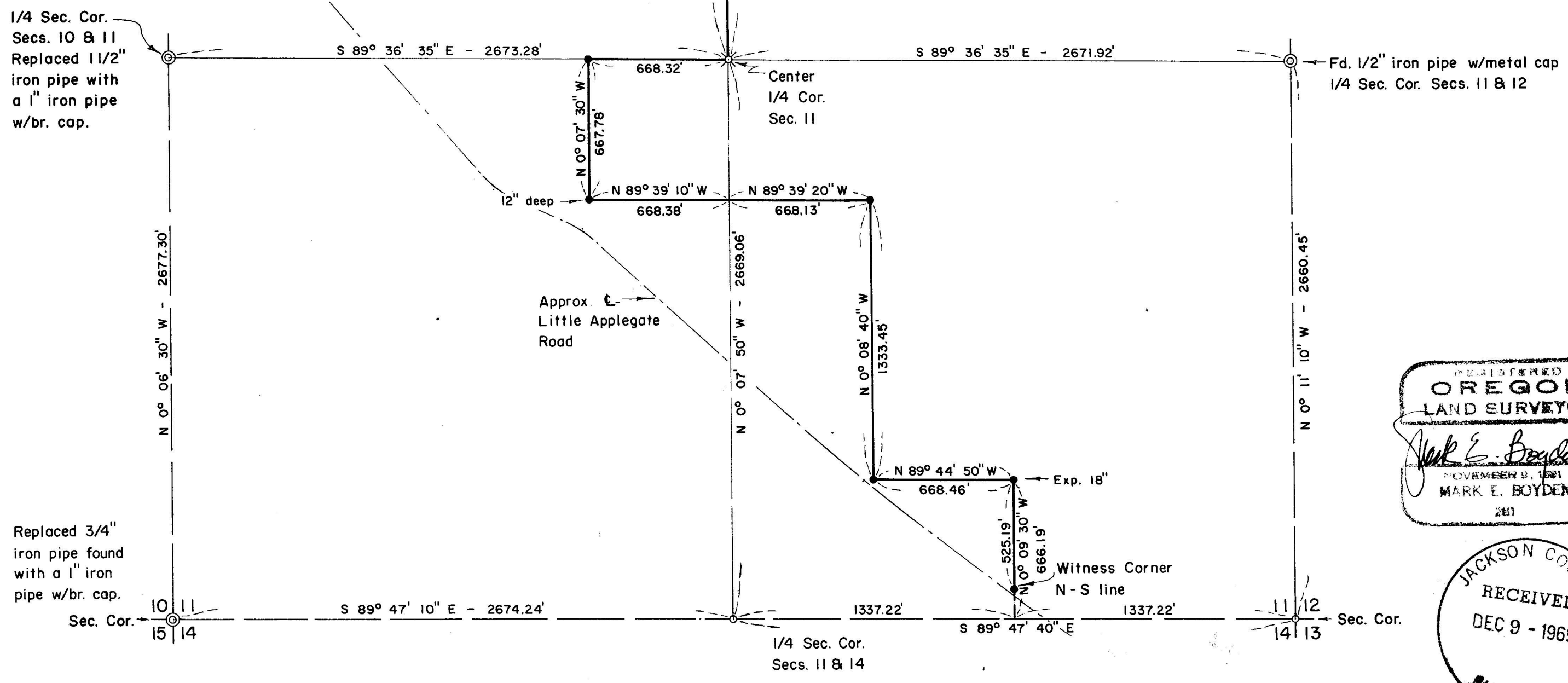
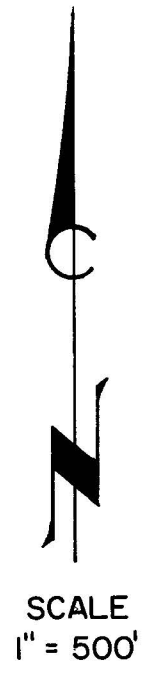


SURVEY FOR  
 Ben C. Gerwick  
 Located in Sec. 11,  
 T. 39 S., R. 3 W., W.M.  
 By: Mark E. Boyden  
 Dec. 9, 1969

Basis of Bearings: Solar Observation  
 Mean of 3 sets (direct & inverted) also  
 verified by County Engineer's survey crew  
 taken near the Center West 1/16 Corner  
 of Sec. 11.

- ⊙ Gov't. cor. Re-established from original evidence or County Surveyor bearing trees by the County Surveyor in 1969.
- Found Gov't. cor. Re-established by proportionate measurement on Recorded Survey No. 3612, being 1/2" iron pipe with metal cap with new bearing trees.
- Set 3/4" x 30" iron pin flush unless otherwise indicated.
- ⊗ Set a 1" x 36" galv. iron pipe exposed 6" with bearing trees.



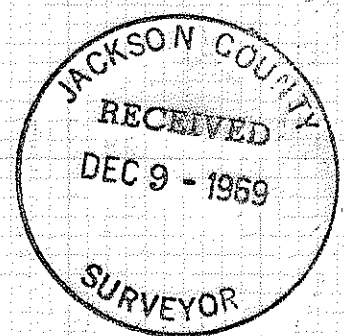
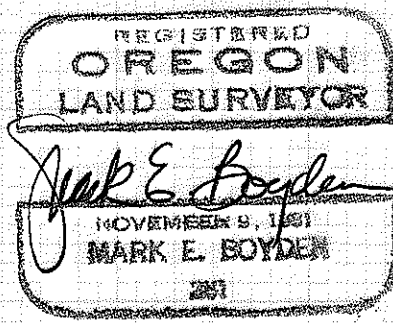
REGISTERED  
**OREGON**  
 LAND SURVEYOR  
*Mark E. Boyden*  
 NOVEMBER 9, 1961  
 MARK E. BOYDEN  
 287

JACKSON COUNTY  
 RECEIVED  
 DEC 9 - 1969  
 SURVEYOR

SURVEY NO. 4199

Scribed a 14" White Oak, "CN 1/16 S 11 RS 281-BT" which bears North 46-1/4° West, 88.0 feet to the face of the upper blaze.

December 9, 1969



Also to assist us in this survey was Mr. George Burrill who furnished field notes of the property survey by Surveyor L. E. Ager in approximately 1944, wherein apparently Ager monumented and established bearing trees for corners on the entire Gerwick ownership in this area.

The notes furnished were not complete and did not show bearings and distances between the corners, but did show the monuments set and bearings and distances to the bearing trees established.

Several of these monuments were tied-in and coordinated on this survey and an attempt was made to reconstruct the survey.

It is our conclusion, as previously stated in the narrative of Recorded Survey No. 3612, that Surveyor Ager did not legally protract Section 11, apparently did not tie to the Southeast corner of Section 11, and did not even close his own survey.

Coordinated ties between the Ager monuments found indicated that probably he was running 660 feet and 1320 feet distances, but in one case, the 1320 foot North-South distance calculated 1443 feet.

From the information compiled, it was decided to hold to the Government corner monument positions as established on Recorded Survey No. 3612, utilize our own survey measurements for bearings and distances and calculate the protraction of Section 11.

From said controls, then monumented the desired boundaries as shown on the map to accompany this report.

At the Center Quarter corner of Section 11, set a 1" x 36" galvanized iron pipe, 30" in the ground, from which:

Scribed a 27" White Oak, "C1/4 S 11 RS 281-BT" which bears North  $67-3/4^{\circ}$  West, 253.2 feet to the face of the upper blaze;

Scribed a 7" White Oak, "C1/4 S 11 RS 281-BT" (on one blaze) which bears North  $14^{\circ}$  East, 209.2 feet to the face of the blaze.

At the Center-North one-sixteenth Section corner of Section 11, set a 1" x 36" galvanized iron pipe, 30" in the ground, from which:

Scribed an 8" White Oak "C1/16 S 11 RS 281-BT" which bears North  $37-1/2^{\circ}$  East, 40.0 feet to the face of the upper blaze.

## SURVEY NARRATIVE TO COMPLY WITH O.R.S. 209.250

FOR: Ben C. Gerwick  
6 Plaza Drive  
Berkeley, California 94705

PURPOSE: To monument a portion of the Gerwick property boundaries described in Volume 251, Page 634, 635 and 636 of the Deed Records of Jackson County, Oregon.

PROCEDURE: Began at the West Quarter corner of Section 11, Township 39 South, Range 3 West and traversed Easterly to the East Quarter corner of said Section. Then traversed along the general alignment of the property boundaries, making ties to the South Quarter corner of said Section 11 and to the Southeast corner of said Section, which corners were established, monumented and witnessed on Recorded Survey No. 3612. Also ran Northerly from a temporary center Quarter position to the North Quarter corner of Section 11 which corner was also monumented and witnessed on Recorded Survey No. 3612.

From the calculated bearing of a solar observation, these traverses were coordinated. After shifting the bearings of Recorded Survey No. 3612,  $0^{\circ} 03' 45''$  in a counter-clockwise direction, the positions of the corners tied were then coordinated to check the relative corner positions of the two surveys.

The largest difference between coordinated corner positions of the two surveys developed 0.5 feet.

During the course of this survey, some of the witness trees as established for interior Quarter-Quarter section corners by Surveyor Truax in 1861 as recorded in the Ancient County Survey Volume at Page 12 were also searched for, but could not be definitely identified.

As a further check on Recorded Survey No. 3612, the positions of the proportionate South 1/4 corner and the Southeast corners of Section 11 were given additional inspection.

At the South Quarter corner, all evidence of the original bearing trees have been obliterated by a deep cut mining bank.

At the Southeast corner of Section 11, ties were made South to the Little Applegate County Road and West to a ravine and ridge top tied in by the Government Surveyor Truax in his original field notes, but not shown in the official record. It was found that ties both South and West of the double proportionate corner agreed favorably with the Truax calls. However, the tie to the ridgetop West of the ravine did not check within limits and was apparently reported about one chain in error.