

BASIS OF BEARING

Geodetic North taken at the corner of Sections 22, 23, 26 and 27, Township 2 South, Range 39 East of the Willamette Meridian, as determined by GPS observation

SCALE: 1"=1000'

LEGEND

- ⊙ Found monument as described, marked as per Union County Monumentation Records
- ⊙ Set 2 1/2" aluminum pipe with 2 1/2" aluminum cap, unless otherwise noted, marked as per Union County Monumentation records, filed separately
- ⊗ Computed position only
- Centerline
- () Record measurement as per Old Book Survey 135
- [] Record measurement as per Old Book Survey 185
- { } Record measurement as per Survey for Road Petition 785B
-) (Record measurement as per plat of Alicel Orchard Tracts
- / / Record measurement as per Survey Number 021-2003
- { } Record measurement as per Survey Number 011-2000
- 2500- Measured distance along or to centerline of road (not along aliquot line)

REFERENCE MATERIAL

- Survey Number 011-2000
- Survey Number 021-2003
- Old Book Survey Page 34
- Old Book Survey Page 135
- Old Book Survey Page 185
- Survey for Road Petition 224
- Survey for Road Petition 250
- Survey for Road Petition 437
- Survey for Road Petition 728B

Field Notes of GLO Contract No. 103, dated September 3, 1863, executed by David P. Thomson

NARRATIVE

This survey was done as a study as the Union County Surveyor, being a continuation of the study of Township 2 South, Range 39 East. The purpose of this survey is to set public land survey corners in the area, as this is an area that has been identified as being deficient in monumentation.

Sections 5 and 8 were subdivided by Old Book Surveys Page 138 and 185, done in 1889 and 1891 respectively. In addition, there are several road petitions that fall along or near aliquot lines within these townships. (See petitions 224, 250, 437 and 728B) The majority of these roads tend to follow 1/16th lines.

The general methodology of this survey relies heavily on the location of these roads as representing the best available evidence of the location of aliquot lines, as laid out by the Old Book Surveys. This is a departure from the standard methods prescribed in the BLM Manual of Instructions for replacement of lost corners, however, I believe that these locations are a better representation of the original corner position.

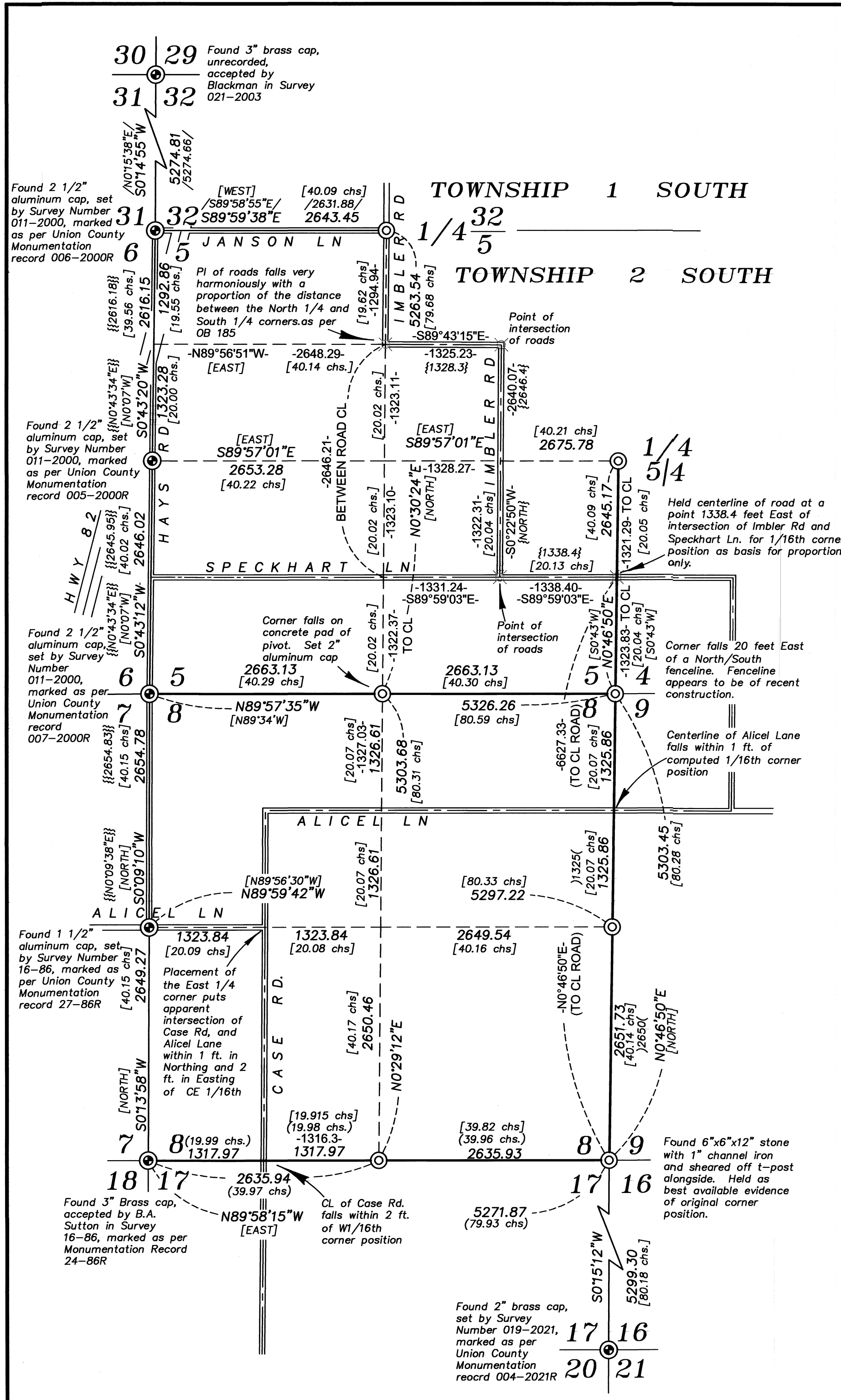
I begin my survey by making a diligent search for quarter corners, section corners, sixteenth corners, and any monumentation remaining from the plat of Alicel Orchard Tracts. The only remaining evidence I find is a 6"x6"x12" unmarked stone with a channel iron alongside at the Southeast corner of Section 8. This stone monument is called for in the plat of Alicel Orchard Tracts. A quarter mile to the North, I find an 1 1/2" x 3/4" iron pipe, likely from the original plat of Alicel Orchard Tracts. However, this pipe is removed from the ground and its original corner position cannot be ascertained. The distance from the stone to the Southwest corner of Section 8 matches the record distance of Old Book Survey 135 by 6 feet. I therefore accept the stone as representing a perpetuation of the original corner position. Placing the South quarter corner of Section 8 at proportionate position, the distance to the centerline of Case Road matches the record distance to the West sixteenth corner as per Old Book Survey 185 by 2 feet. It also places the centerline of the road within 2 feet of the 1/16th corner as well. I find this relatively harmonious and set the quarter corner by single proportion.

Road Petition 728B specifically addresses the issue of the portion of Imbler Road, at that time, running between the NE 1/16th and the SE 1/16th corner of Section 5 which was not colinear with the aliquot lines. The road survey for this petition attempts to fix this situation. As this survey attempts a true and accurate retracement of aliquot lines, I put significant consideration into this survey. In tying the centerlines of the roads, I find that the distances agree with the record distances of survey of this petition by about 3-4 feet. The importance of this comes in the placement of the East lines of Sections 5 and 8, which I can find no remaining evidence of corners. I therefore use a record distance from the intersection of Speckhart Lane and Imbler Road, East to the South sixteenth on the East line of Section 5, as per Road Petition 728B, to place the South sixteenth corner on the East line of Section 5. Old Book Survey 185 does a retracement of the East lines of Section 5 and 8, and I therefore use a single proportion between this sixteenth corner position and the SE corner of Section 8, to place the Northeast section corner and the East quarter corner of Section 8. In doing so I find that the centerline of Alicel Lane falls within 1 foot of a computed N 1/16th corner position on the East line of Section 8. The placement of the quarter corner as such, makes the East/West centerline of Section 8 harmonious with the location of the centerline of Alicel Lane as it runs along the North line of the Northwest quarter of the Southwest quarter of Section 8, falling within 1 foot in Northing at the intersection of Alicel Lane and Case Road.

At the North quarter corner of Section 5, I hold the intersection of the centerlines of Janson Lane and Imbler Road. This is a departure from the position as placed in Survey Number 021-2003, but is more harmonious with both the constructed road and with record dimensions as per Old Book Survey 185. Driving a line from this point, to a proportionate position of the North quarter corner of Section 8, I find that this is quite harmonious with the centerline of Imbler Road as it runs along the East line of the Northeast quarter of the Northwest quarter. I therefore place the North quarter corner of Section 8 by single proportion.

Old Book Survey ran through the center of Section 5, both North/South and East/West. Along the North/South centerline of Section 5, I find that the PI in the curve of Imbler Road as well as the centerline of Speckhart Lane fall very harmoniously with the record distances. To find the center of section position, I proportion the distance between these points. I then drive a line from the West quarter corner through this point to place the East/West center of section line. Extending this to intersect the East line of the Southeast quarter of Section 5 extended Northerly, I find that this distance matches the distance to the centerline of Imbler Road very well. I therefore hold this as the East quarter corner of Section 5.

Due to the reliance on centerline locations, this survey dimensions many distances to centerlines, noted as per the legend. These are not intended to represent 1/16th corner positions and are shown to display the harmony of the corners to the existing roads. I find no other unusual conditions with this survey.



REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON JUNE 2, 2010

JEFFREY S. HSU 83571

Renewal Date: June 30, 2023

UNION COUNTY SURVEYOR

Date Received 4/8/22

Date Filed 4/8/22

By [Signature]

File No. 009-2022

BAGETT, GRIFFITH & BLACKMAN

2006 Adams Avenue, LaGrande, Oregon

Map of Survey

Situated in Section 5 and 8, Township 2 South, Range 39 East of the Willamette Meridian

UNION COUNTY, OREGON

SURVEYED FOR	Union County Surveyor
SURVEYED BY	J. S. H.
Scale: 1" = 1000'	Drawn by: J. S. H. Feb-May 2022