

CURVE TABLE

(1) Δ=46°40′55" {ΤΔ=52°07'}
R=716.78' {D=8°00'}
L=584.00'
L.C.=567.98'
N9°17'18"E

Δ=2°38'24" {Δ=2°38'24"} R=1432.39' L=66.00' L.C.=65.99' N33°56'58"E

Δ=1'48'00" {Δ=1'48'}

R=2864.79'

L=90.00'

L.C.=90.00'

N36'10'10"E

Δ=34°35'35" {TΔ=38°12'}
R=1432.69' {D=4°00'}
L=865.00'
L.C.=851.92'
N54°21'57"E

Δ=1°48'00" {Δ=1°48'}
R=2864.79'
L=90.00'
L.C.=90.00'
N72°33'45"E

6 Δ=419'59" {Δ=420'}
R=5729.65' {D=100'}
L=433.30'
L.C.=433.20'
N7117'45"E

## BASIS OF BEARING

The West line of Section 19, Township 3 North, Range 40 East of the Willamette Meridian being North 0°06'19" East, as per Survey Number 017-2005

SCALE: 1"=400'

## LEGEND

Found 2 1/2" aluminum pipe with 3" aluminum cap (unless otherwise specified) marked as per Union County Monumentation Records, set by Survey 036—2020

Found 2 1/2" aluminum pipe with 2 1/2" aluminum cap, marked as per Union County Monumentation records, set by Survey Number 028-2016

Set 2 1/2" x 30" aluminum pipe with aluminum cap marked as per Union County Monumentation records, filed separately

Set 5/8" x 30" iron pin with 2 1/2" aluminum cap, marked as per Union County Monumentation records, filed separately

Record measurement as per field notes of GLO Contract Number 517, executed by Herman Gradon

Record measurement as per Oregon—Washington Railroad and Navigation Right of Way map, dated June 30, 1916

Record measurement as per Survey Number 036—2020

Centerline of Railroad Tracks

• Fence post on line

**①** 

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## REFERENCE MATERIAL

Union County Monumentation Records
Survey Number 031—2007
Survey Number 028—2016
Survey Number 036—2020

Oregon—Washington Railroad and Navigation right of way map, dated June 30, 1916

Field Notes of GLO Contract Number 517, dated September 30, 1884, executed by Herman D. Gradon

> <u>DEED REFERENCES</u> Microfilm Document Number 20134272 Microfilm Document Number 20201878

This survey was done at the request of Todd Kurtz on behalf of Manulife Forest Management, land manager of the land within. Mr. Kurtz wanted select corners set and lines posted prior to logging. I recover the monuments shown hereon and make a diligent search for the Southeast section corner, which I can find no remaining original GLO evidence.

The Oregon—Washington Railroad and Navigation Company right of way map, dated 1916, ties off to several corners in this area. In this map, there is a Station (734+83.8) where the East line of the SE quarter of Section 20 passes through at an angle between the railroad track and the section line. Along the South line of the Southeast quarter, there are only distances given to the quarter corner and the Section corner.

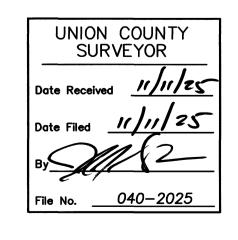
Survey 028–2016 established the South quarter corner by calculating the angle and distance South from the intersection of the East line of the SW 1/4 and the railroad track to establish the bearing along the South line. Survey 036–2020 established the East quarter corner of Section 20 holding the station and relative angle. In order to preserve the harmony of these positions, I establish the SE section corner by holding the record angle and distance from Station 734+83.8. This makes a difference of about 74 feet between the record distance from the intersection of the railroad track and the South line of the Southwest quarter to the Section corner. Though there are these discrepancies, I believe this method of establishing the Section corner to be the best available method at establishing the original corner position.

Subdivision of the section is as per BLM Manual of Instructions 2009. I find no unusual conditions with this survey.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JUNE 2, 2010
JEFFREY S. HSU
83571

Renewal Date: June 30, 2027



BAGETT, GRIFFITH & BLACKMAN
2006 Adams Avenue, LaGrande, Oregon
Map of Survey

Situated in Section 20, Township 3 North, Range 40 East of the Willamette Meridian

UNION COUNTY, OREGON

SURVEYED FOR Manulife

SURVEYED BY J. S. H.

Scale: 1" = 400' Drawn by: K. A. T. Oct. 2025