

NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO SUBDIVIDE SECTION 34, T.31S., R.5W., W.M., MONUMENT THE SOUTH 1/16 CORNERS OF S33/S34 AND S34/S35, AND THE C-S 1/16 CORNER OF S34, AND TO POST THE NORTH AND EAST BOUNDARY LINES OF THE SOUTH 1/2 OF THE SOUTHEAST 1/4 OF SECTION 34. THE 1/4 S27/S34, 1/4 S33/S34, 1/4 S34/S3, AND S33/S34/S3/S4 ARE FOUND AS PERPETUATED IN THEIR ORIGINAL POSITIONS. THE 1/4 S34/S35 AND S34/S35/S2/S3 ARE FOUND IN THEIR PROPORTIONED POSITIONS. I ACCEPT THESE CORNERS IN THEIR FOUND POSITIONS AND SUBDIVIDE SECTION 34 PER THE 2009 USBLM MANUAL OF SURVEYING INSTRUCTIONS, AND THE LAWS OF THE STATE OF OREGON.

THE S 1/16 CORNER OF S34/S35 WAS PREVIOUSLY MONUMENTED UNDER THE 1972 USBLM ADMINISTRATIVE SURVEY BY WILFORD N. HAINES, PLS 239, FILED ON SEPTEMBER 14, 1990 AS SURVEY HEN 12. THE 5/8" IRON ROD MONUMENT FALLS N.33°21'7"W., 0.55 FT FROM THE PROPORTIONED POSITION, AND WAS NOT TIED OR UTILIZED BY THE 2005 HEIMBURGER SURVEY OF SECTION 35, M 146-22. I REJECT THIS CORNER AS CONTROLLING AND REMOVE AND RESET THE MONUMENT AS NOTED IN THE CORNER DESCRIPTIONS. SILVER BUTTE TIMBER CO. SUPPLIED ME WITH A COPY OF AN UN-FILED SURVEY MAP BY GREGORY D. LANG, PLS 2295, OF SURVEY WORK PERFORMED IN 1996 FOR MARKING OF TIMBER BOUNDARIES. LANG TIED THE SOUTH, EAST, AND WEST 1/4 CORNERS OF S34 AND THE SE AND SW SECTION CORNERS OF S34, BUT DID NOT TIE THE NORTH 1/4 CORNER. HE PRELIMINARILY SUBDIVIDED S34 AND FLAGGED/BLAZED THE NORTH, WEST, AND A PORTION OF THE SOUTH BOUNDARIES OF THE S1/2 OF THE SW 1/4, AND THE SOUTH BOUNDARY OF THE S1/2 OF THE SE 1/4, I CLOSELY MATCH HIS SURVEYED DISTANCES TO EXISTING CONTROLLING CORNERS, EXCEPT THE SE SECTION CORNER, WHICH APPEARS TO HAVE BEEN DISTURBED AND ERRONEOUSLY RESET. THIS WAS REPORTED UNDER M 146-22, AND THE MONUMENT WAS RESET BY THE BEARING TREES. THE MEDFORD DISTRICT OF THE USBLM FORWARDED ME AN UNOFFICIAL ADVANCED COPY OF THEIR 2018 DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY OF T.32S., R.5W., EXECUTED BY KEVIN G. MULDER, CADASTRAL SURVEYOR, UNDER SPECIAL INSTRUCTIONS APPROVED JULY 2, 2018, WHICH PROVIDED FOR THE SURVEYS INCLUDED UNDER GROUP NO. 2925, COMMENCED JULY 9, 2018 AND COMPLETED OCTOBER 4, 2018. AS PERTAINING TO THIS SURVEY THEY RENEW AND PERPETUATE THE 1/4 S34/S3, AND S34/S35/S2/S3 BY ADDING BEARING TREES, AND THEY POST AND BLAZED THE BOUNDARY BETWEEN SAID CORNERS.

CORNER DESCRIPTIONS:

ALL NEW BEARING TREES HAVE DOUBLE BLAZED FACES WITH A 1" BRASS WASHER STAMPED "DEGROOT PLS89398" NAILED INTO THE NORTH BLAZE. ON ALL NEW AND EXISTING BEARING TREES, BEARINGS ARE TAKEN TO THE CENTER OF THE TREE AT THE ROOT CROWN AND DISTANCES ARE MEASURED TO A MAG-HUB CHAINING NAIL IN THE ROOT CROWN AT THE SIDE AND CENTER OF THE TREE WITH A TOTAL STATION. ALL BEARING TREES HAVE A 6" RED BAND PAINTED AROUND THE TREE AND THE BLAZED FACES PAINTED RED, WITH BEARING TREE SIGNS ATTACHED. ALL NEW REFERENCE MONUMENTS ARE 5/8" x 30" IRON RODS WITH 2" BTS ALUM. CAPS STAMPED AS NOTED.

1. 1/4 S27/S34 PLSS NO. T31SR5W 440200 ORIGINAL
FD. A 2 1/2" USBLM IRON POST BY J. JELLEY ET AL IN 1966 PER THE CORRECTION SURVEY OF SECTION 35, APPROVED DECEMBER 28, 1970, FIRMLY SET AND PROJECTING 4" ABOVE GROUND WITH A 3 1/4" BRASS CAP PROPERLY MKD. PER THE RECORD:

FROM WHICH THE BURNED REMAINS OF A 1966 BEARING TREE:
A 22" x 7" TALL BURNED FIR STAUB BEARS N.54°E., 21.6 FT, WITH NO MKS. I SAW STAUB OFF TO 3' HIGH (N.54°E., 33 LKS)R3 AND NEW BEARING TREES:

A 11" x 5" TALL MADRONE SAW STUMP BEARS N.72°E., 18.3 FT BARK SCRIBED "1/4 S27 BT"
A 11" x 3" TALL D.FIR SAW STUMP BEARS S.70°E., 22.7 FT SCRIBED "1/4 S34 BT"
A 18" x 3" TALL D.FIR SAW STUMP BEARS S.66°W., 25.8 FT SCRIBED "1/4 S34 BT" - SET MAG-HUB TOP CTR

CORNER FALLS ON A MODERATE NORTHWEST SLOPE OF TALUS ROCK, ±20 FT WEST OF THE WESTERLY END OF A CAT ROAD. THE ENTIRE AREA WAS FULLY CONSUMED IN THE 2019 MILE POST 97 FIRE, WITH NO LIVING TREES WITHIN LIMITS. NEW BEARING TREES ARE LOCATED BY HAND COMPASS AND TAPE, DECLINATION 15' EAST

2. 1/4 S33/S34 PLSS NO. T31SR5W 400140 ORIGINAL
FD. A 1 1/2" IRON POST BY DCSO IN 1966 PER C.S. FILE NO. 54/25-11, FIRMLY SET AND PROJECTING 18" ABOVE GROUND IN A 3 FT DIAM. LOOSE TALUS STONE MOUND, WITH A 2 1/2" BRASS CAP PROPERLY MKD. PER THE RECORD, WITH BEARING TREES PER THE 2018 EDWARDS SURVEY M 175-11. THE CORNER WAS VISITED AND BT'S REPAINTED BY OTHERS IN SEPT. 2019.

3. 1/4 S34/S35 PLSS NO. T31SR5W 500140 PROPORTIONED
FD. A 1" USBLM IRON POST BY J. JELLEY ET AL IN 1966 PER THE CORRECTION SURVEY OF SECTION 35, APPROVED DECEMBER 28, 1970, FIRMLY SET AND PROJECTING 8" ABOVE GROUND WITH A 2 1/2" BRASS CAP PROPERLY MKD. PER THE RECORD:

FROM WHICH A 1966 BEARING TREE:
A 25" D.FIR BEARS S.53°15'W., 13.8 FT W/HEALED BLAZE (S.54 1/2°W., 20 LKS)R3 AND NEW BEARING TREES:
A 26" D.FIR BEARS N.46°45'E., 40.7 FT SCRIBED "1/4 S35 BT" ON DBL BLAZE
A 24" D.FIR BEARS S.17°45'E., 19.4 FT SCRIBED "1/4 S35 BT" ON DBL BLAZE
A 39" D.FIR BEARS N.49°45'W., 47.6 FT SCRIBED "1/4 S34 BT" ON DBL BLAZE

CORNER FALLS IN THE 2019 MILE POST 97 FIRE SCAR. ALL BEARING TREES ARE LIVING WITH CHARRED BARK.

4. S 1/16 S34/S35 PLSS NO. T31SR5W 500120
FD. A 5/8" IRON ROD BY WILFORD HAINES, PLS , IN 1972 PER BLM ADMINISTRATIVE SURVEY HEN12, FILED SEPT. 14, 1990, FIRMLY SET AND PROJECTING 8" ABOVE GROUND, AND FALLS N.33°21'7"W., 0.55 FT FROM THE PROPORTIONED POSITION. I REMOVE AND RESET THE 5/8" x 30" IRON ROD AT THE TRUE CORNER POSITION, 26" IN THE GROUND, W/A 2" ALUMINUM CAP STAMPED:

FROM WHICH THE BEARING TREE BY HAINES IN 1972 PER HEN12:
A 23" D.FIR BEARS N.49°45'E., 11.1 FT W/HEALED SINGLE BLAZE (N.54°E., 10.5 FT)R5 AND A NEW BEARING TREE:
A 11" MAPLE BEARS S.61°30'W., 44.4 FT SCRIBED "S 1/16 S34 BT" ON DBL BLAZE

5. C-S 1/16 S34 PLSS NO. T31SR5W 440120
SET A 5/8" x 30" IRON ROD, 24" IN THE GROUND, W/A 2" ALUMINUM CAP STAMPED:

FROM WHICH NEW BEARING TREES:
A 15" D.FIR BEARS S.87°30'E., 28.6 FT SCRIBED "CS 1/16 S34 BT" ON DBL BLAZE
A 9" D.FIR BEARS N.22°W., 13.3 FT SCRIBED "CS 1/16 S34 BT" ON DBL BLAZE

6. S 1/16 S33/S34 PLSS NO. T31SR5W 400120
SET A 2" BRASS DISC DRILLED INTO THE WEST FACE OF AN 8' x 15' x 6' HIGH SURFACE ROCK, AT 3' HIGH - STAMPED:
FROM WHICH NEW BEARING TREES:
A 20" D.FIR BEARS N.49°30'E., 40.2 FT SCRIBED "S 1/16 S34 BT" ON DBL BLAZE
A 43" D.FIR BEARS N.30°15'W., 43.3 FT SCRIBED "S 1/16 S33 BT" ON DBL BLAZE

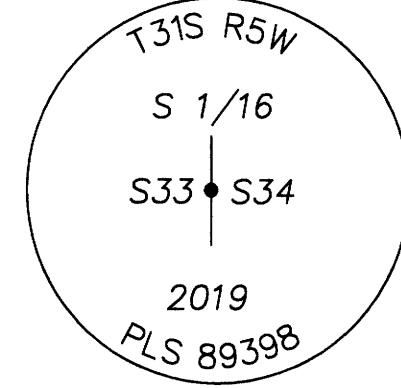
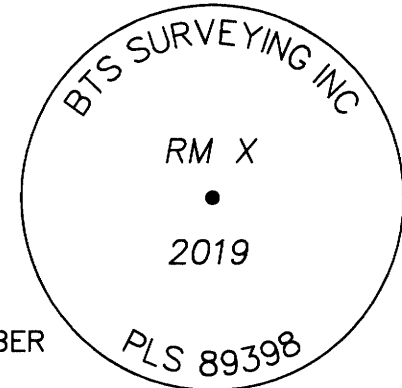
7. S33/S34/S3/S4 PLSS NO. T31SR5W 400100 ORIGINAL
FD. A 2 1/2" USBLM IRON POST BY THIELSEN IN 1955 PER THE DEPENDENT RESURVEY, ACCEPTED JULY 9, 1956, FIRMLY SET AND PROJECTING 4" ABOVE GROUND, WITH A 3 1/4" BRASS CAP PROPERLY MKD. PER THE RECORD

FROM WHICH THE REMAINING 1955 BEARING TREES:
A BURNED 30" D.FIR SNAG BEARS S.68°15'E., 49.1 FT - I HIGH STUMP AT 4 FEET (S.68°15'E., 74 LKS)R2 (S.68°15'E., 48.8 FT)R4
A BURNED 29" D.FIR SNAG BEARS N.64°45'W., 48.0 FT - I HIGH STUMP AT 4 FEET(N.66°W., 73 LKS)R2 (N.66°W., 48.2 FT)R4
AND THE REMAINING 1967 BEARING TREE BY DCSO PER C.S. FILE NO. 53/52:
A BURNED 30" D.FIR SNAG BEARS S.76°30'W., 46.6 FT I HIGH STUMP AT 4 FEET (S.77°W., 46.6 FT)R4
AND NEW REFERENCE MONUMENTS:
A 5/8" x 30" IRON ROD W/ 2" BTS ALUM. CAP STAMPED "RM 1 2019" BEARS N.82°19'27"E., 57.20 FT
A 5/8" x 30" IRON ROD W/ 2" BTS ALUM. CAP STAMPED "RM 2 2019" BEARS S.35°49'02"E., 61.04 FT
A 5/8" x 30" IRON ROD W/ 2" BTS ALUM. CAP STAMPED "RM 3 2019" BEARS S.88°01'13"W., 57.58 FT
A 5/8" x 30" IRON ROD W/ 2" BTS ALUM. CAP STAMPED "RM 4 2019" BEARS N.13°47'06"W., 53.01 FT

THE ENTIRE CORNER AREA WAS FULLY CONSUMED IN THE 2019 MILE POST 97 FIRE, WITH NO LIVING TREES WITHIN LIMITS.

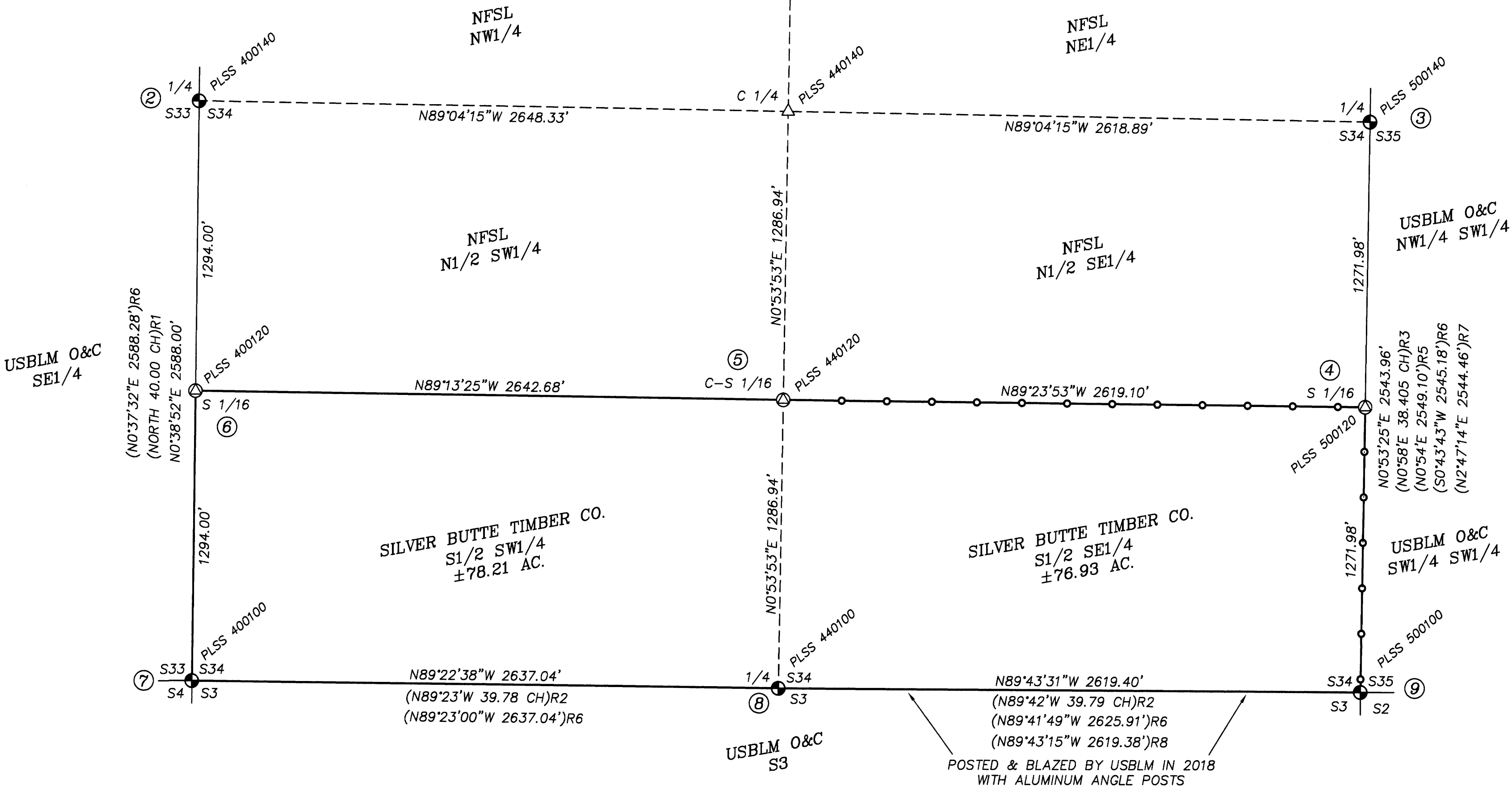
8. 1/4 S34/S3 PLSS NO. T31SR5W 440100 ORIGINAL
FD. A 1" USBLM IRON POST BY THIELSEN IN 1955 PER THE DEPENDENT RESURVEY, ACCEPTED JULY 9, 1956, FIRMLY SET AND PROJECTING 6" ABOVE GROUND, WITH A 2 1/2" BRASS CAP PROPERLY MKD. PER THE RECORD, WITH BEARING TREES AS REPORTED IN THE 2018 USBLM SURVEY BY KEVIN G. MULDER, UNDER GROUP NO. 2925.

9. S34/S35/S2/S3 PLSS NO. T31SR5W 500100 PROPORTIONED
FD. A 2 1/2" USBLM IRON POST BY THIELSEN IN 1955 PER THE DEPENDENT RESURVEY, ACCEPTED JULY 9, 1956, AND RESET BY HEIMBURGER IN 2005 PER M 146-22, FIRMLY SET FLUSH WITH THE GROUND, WITH A 3 1/4" BRASS CAP PROPERLY MKD. PER THE RECORD, WITH BEARING TREES AS REPORTED IN THE 2018 USBLM SURVEY BY KEVIN G. MULDER, UNDER GROUP NO. 2925.



NAD83 (2011) EPOCH 2010.00 GEODETIC COORDINATES:

STATION	LATITUDE	LONGITUDE	ELLIP. HGT.
AZAL	42°47'56.60918"N	123°15'10.17832"W	485.822 M
440200	42°50'25.19704"N	123°16'37.98971"W	851.617 M
400100	42°49'34.32577"N	123°17'14.45990"W	
400120	42°49'47.10488"N	123°17'14.26559"W	
400140	42°49'59.88397"N	123°17'14.07125"W	
440100	42°49'34.04409"N	123°16'39.07965"W	
440120	42°49'46.75267"N	123°16'38.80891"W	
500100	42°49'33.91848"N	123°16'03.93456"W	
500120	42°49'46.47934"N	123°16'03.66735"W	
500140	42°49'59.04019"N	123°16'03.40011"W	



LEGEND:

- ⊙ = SET 5/8" x 30" IRON ROD W/ 2" ALUMINUM CAP OR AS NOTED IN THE CORNER DESCRIPTIONS
- ⊕ = FOUND PLSS MONUMENT AS NOTED IN THE CORNER DESCRIPTIONS
- △ = COMPUTED POINT - NOT SET
- = PROPERTY LINES BLAZED, PAINTED & POSTED WITH 5 1/2' STEEL POSTS.
- NFSL = NATIONAL FOREST SYSTEM LANDS
- ()R1 = RECORD PER USGLO ORIGINAL SURVEY - W.H. BYARS 1883 - PLAT NO. 689
- ()R2 = RECORD PER USBLM SURVEY - THIELSEN 1955 - PLAT NO. 691
- ()R3 = RECORD PER USBLM SURVEY - JELLEY-ROSEBERRY-BROOKS 1970 - PLAT NO. 5459
- ()R4 = RECORD PER C.S. FILE NO. 53/52 - DCSO 1967
- ()R5 = RECORD PER H EN12 SHEET 2 - HAINES 1972
- ()R6 = RECORD PER UN-FILED SURVEY - LANG 1996
- ()R7 = RECORD PER M 146-22 - HEIMBURGER 2005
- ()R8 = RECORD PER 2018 USBLM PRELIMINARY SURVEY - MULDER - GROUP NO. 2925

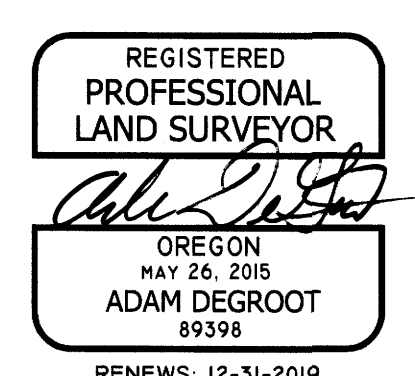
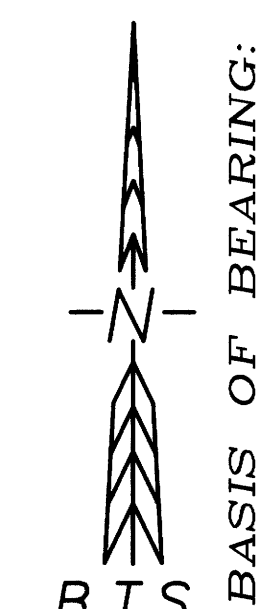
RECORD OF SURVEY
LOCATED IN
SECTION 34, T.31S., R.5W., W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 12-18-19 By: [Signature]
This Survey Consists of:
Map: M171-74
Narrative:
Corner Rpt.:
DOUGLAS COUNTY SURVEYOR

SURVEY CONTROL PROCEDURE:

A STATIC GPS SURVEY WAS PERFORMED TO PROJECT CONTROL POINTS WITH LEICA 1200 GPS RECEIVERS HOLDING NGS STATION "AZAL" (PID N21329) IN ITS PUBLISHED POSITION. THE GPS BASELINES OBSERVED WERE PROCESSED AND ADJUSTED WITH LEICA GEO OFFICE. THE RESULTANT GEODETIC COORDINATES WERE THEN PROJECTED ONTO THE BELOW DEFINED COORDINATE SYSTEM. CONVENTIONAL TRAVERSES WERE RUN TO CONTROLLING CORNERS AND ALONG THE BOUNDARY BETWEEN THE GPS CONTROL POINTS WITH A LEICA TCPR1203 TOTAL STATION, AND ADJUSTED IN LEICA GEO OFFICE BY THE METHOD OF LEAST SQUARES. THE 1/4 S27/S34 - PLSS 440200 WAS TIED DIRECTLY BY STATIC GPS OBSERVATION. THIS SURVEY WAS PERFORMED IN THE FIELD FROM SEPTEMBER 10, 2019 TO OCTOBER 10, 2019 BY ADAM DEGROOT, WYATT KEADY, JAKE BUZZARD, AND ALLYN SLONGE, WITH COMPUTATIONS AND DRAFTING BY ADAM DEGROOT.

PROJECTION: TRANSVERSE MERCATOR
NAME: 19-046 S34 LDP
REFERENCE DATUM: NAD 83 (2011) (EPOCH 2010.00)
ELLIPSOID: GRS 1980
LATITUDE OF GRID ORIGIN: 42°48'00"N
CENTRAL MERIDIAN: 123°16'40"W
FALSE NORTING: 50,000.00 FTI
FALSE EASTING: 150,000.00 FTI
CENTRAL MERIDIAN SCALE: 1.000120 (EXACT)



BTS SURVEYING, INC.
348 SE JACKSON ST., ROSEBURG, OR 97470
(541) 673-0966 adam@btsurveying.com

SCALE: 1" = 400'
DATE: DECEMBER 18, 2019
FOR: SILVER BUTTE TIMBER CO. PO BOX 4 RIDDLE, OR 97469
JOB #: 19-046
FILE: 19-046 Plat.DWG
SHEET 1 OF 1