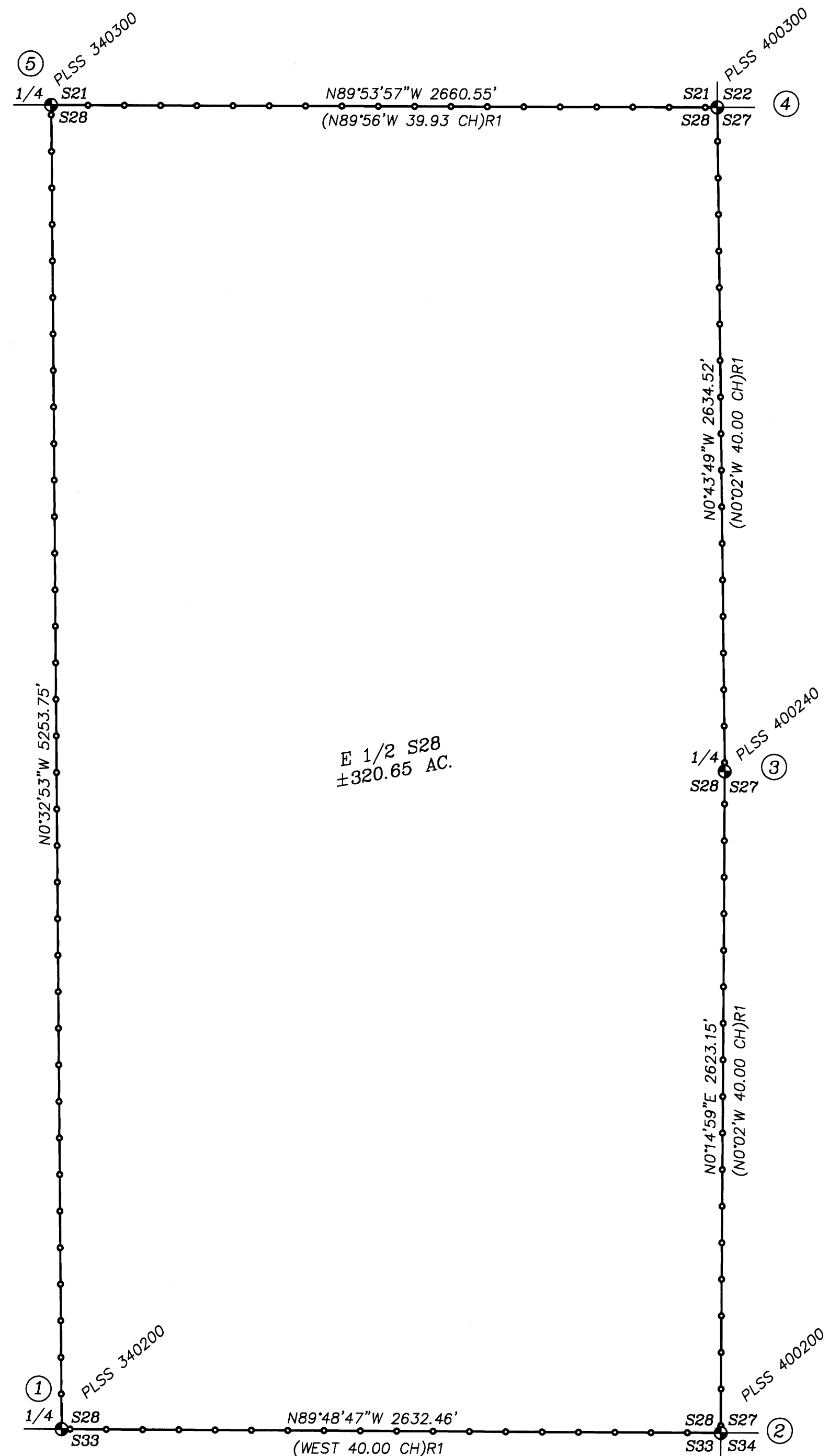


RECORD OF SURVEY

LOCATED IN
 EAST 1/2, SECTION 28, T.32S., R.4W., W.M.
 DOUGLAS COUNTY, OREGON
 "BOULDER CREEK S28"



NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO MARK THE BOUNDARY OF SILVER BUTTE TIMBER CO. PROPERTY, THE EAST 1/2 OF SECTION 28, T.32S., R.4W., W.M., AS DESCRIBED IN THE WARRANTY DEED FILED AS INSTRUMENT NO. 1997-05494.

SURVEY HISTORY:

- () R1 - US CLO ORIGINAL COMPLETION SURVEY OF T.32S., R.4W., W.M. BY CHAPMAN AND NICKLIN, US DEPUTY SURVEYORS, UNDER CONTRACT NO. 664, DATED MAY 23, 1896 SURVEYED AUGUST 18 TO SEPTEMBER 10, 1897. PLAT NO. 566 ACCEPTED MARCH 25, 1898
- () R2 - DOUGLAS COUNTY RECORD SURVEY C.S. FILE NO. 41/302 BY NORMAN D. PRICE, PLS 33, IN 1954 FOR DOLLAR & PATTERSON LUMBER CO. MONUMENTS THE CORNER OF S21/S22/S27/S28 FROM ORIGINAL EVIDENCE
- () R3 - DOUGLAS COUNTY CORNER RECORDS C.S. FILE NO. 55/129-1 BY RONALD A. BRANDT, PLS 841, OCT. 1969 FOR ROBERT DOLLAR CO. MONUMENTS AND PERPETUATES THE 1/4 S28/S33, 1/4 S28/S27, AND S27/S28/S33/S34 FROM ORIGINAL EVIDENCE
- () R4 - DOUGLAS COUNTY CORNER RECORDS C.S. FILE NO. 54/114 BY DCSO IN 1970 - MONUMENTS AND PERPETUATES THE 1/4 S21/S28 FROM ORIGINAL EVIDENCE
- () R5 - USBLM DEPENDENT RESURVEY - PLAT NO. 7235 - DCSO RECORDS VOL. 55 PG. 21392-3 BY RICHARD J. DIECKMANN, CADASTRAL SURVEYOR, GROUP NO. 2141, APRIL/JULY 2006 TIES BEARING TREES AT THE 1/4 S21/S28
- () R6 - DOUGLAS COUNTY RECORD SURVEY M 161-51 BY DAVID EDWARDS, PLS 2339, IN NOV. 2010 FOR SENECA JONES TIMBER CO. & PLUM CREEK MARKS NEW BEARING TREES AT THE CORNER OF S21/S22/S27/S28

BOUNDARY CONTROL:

ALL LINES SURVEYED HAVE NEVER BEEN OFFICIALLY RETRACED BY FILED SURVEY. THERE IS EVIDENCE THAT THE LINES WERE RUN AND MARKED ON THE GROUND DURING THE TIMBER HARVESTS FOR THE ROBERT DOLLAR CO. BY BRANDT OR OTHERS BETWEEN APPROXIMATELY 1954 AND 1969, WITH A FEW BLAZED TREES REMAINING. I SEARCH AND FIND NO EVIDENCE OF THE ORIGINAL LINE TREE CALLED IN THE LINE NOTES AT 27.79 CHAINS WEST OF THE SE CORNER OF S28. THEREFORE I ACCEPT ALL CORNERS AS MONUMENTED IN THEIR CURRENT POSITIONS AND MARK TRUE LINE BETWEEN SAID MONUMENTS. TO MARK THE BOUNDARY I POST THE LINE WITH 5.5 FT STEEL POST, SET INTERVISIBLE AT NO MORE THAN ±250 FT INTERVALS. ALL TREES WITHIN 3-5 FT OF THE BOUNDARY ARE BLAZED WITH ONE FACING BLAZE. LINE TREES ARE BLAZED WHERE LINE PASSES THROUGH TREE AT BREAST HEIGHT, WITH THREE BLAZES ON EACH SIDE OF TREE. ALL BLAZES ARE PAINTED RED.

SURVEY CONTROL PROCEDURE:

A STATIC GPS SURVEY WAS PERFORMED WITH LEICA 1200 GPS RECEIVERS AND UTILIZING ODOT ORGN STATION "PSPT" PROSPECT HELD FIXED IN ITS PUBLISHED POSITION. THE GPS BASELINES OBSERVED TO PROJECT CONTROL POINTS WERE PROCESSED AND ADJUSTED WITH LEICA GEO OFFICE. THE RESULTANT GEODETIC COORDINATES WERE THEN PROJECTED INTO THE BELOW DEFINED COORDINATE SYSTEM. CONVENTIONAL TRAVERSES WERE RUN ALONG THE BOUNDARY BETWEEN THE GPS CONTROL POINTS WITH A LEICA TORP1203 TOTAL STATION, AND ADJUSTED IN LEICA GEO OFFICE BY THE METHOD OF LEAST SQUARES. THIS SURVEY WAS PERFORMED IN THE FIELD FROM JANUARY 3, 2018 TO MAY 8, 2019 BY ADAM DEGROOT, WYATT KEADY, AND TANNER STRONG, WITH COMPUTATIONS AND DRAFTING BY ADAM DEGROOT.

PROJECTION: TRANSVERSE MERCATOR
 NAME: 17-052 LDP
 REFERENCE DATUM: NAD 83 (2011) (EPOCH 2010.00)
 ELLIPSOID: GRS 1980
 LATITUDE OF GRID ORIGIN: 42°45'00"N
 CENTRAL MERIDIAN: 123°11'00"W
 FALSE NORTHING: 100,000.00 FTI
 FALSE EASTING: 250,000.00 FTI
 CENTRAL MERIDIAN SCALE: 1.000130 (EXACT)

NAD83 (2011) EPOCH 2010.00 GEODETIC COORDINATES:

STATION	LATITUDE	LONGITUDE	ELLIP HGT
PSPT	42°45'17.42715"N	122°29'22.16466"W	773.711 M
340200	42°45'21.57658"N	123°10'54.91207"W	
340300	42°46'13.46169"N	123°10'55.58442"W	
400200	42°45'21.48975"N	123°10'19.63172"W	
400240	42°45'47.39643"N	123°10'19.47377"W	
400300	42°46'13.41356"N	123°10'19.91913"W	

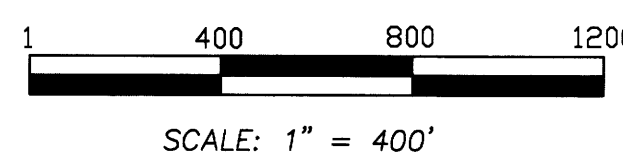
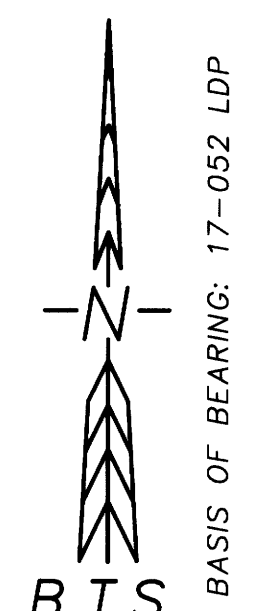
CORNER DESCRIPTIONS:

ALL NEW BEARING TREES HAVE DOUBLE BLAZED FACES WITH A 1" BRASS WASHER STAMPED "DEGROOT PLS89398" NAILED INTO THE LOWER 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.

1. 1/4 S28/S33 PLSS ID NO. 32S4W 340200 ORIGINAL
 FD. A 3/4" I.D. IRON PIPE BY RONALD A. BRANDT, PLS 841, IN 1969 PER C.S. FILE NO. 55/129-1, FIRMLY SET & PROJECTING 6" ABOVE THE GROUND:
 FROM WHICH THE REMAINS OF AN ORIGINAL 1897 BEARING TREE:
 A 40" ROTTED D. FIR STUMP BEARS N.62°W, 11.6 FT, NO MKS VISIBLE (N.63°W, 15 LKS)R1 R3
 AND BEARING TREES BY BRANDT IN 1969:
 A 17" MADRONE BEARS N.18°45'E., 16.2 FT W/ILLEGIBLE SCRIBE MKS. ON PARTIALLY HEALED BLAZE (N.19°30'E., 16.6 FT)R3
 A 9" MADRONE BEARS S.78°15'W., 11.0 FT W/HEALED BLAZE (S.78°W., 11.0 FT)R3
 AND NEW BEARING TREES:
 A 26" D. FIR BEARS S.42°45'E., 29.4 FT SCRIBED "1/4S33 BT" ON DBL BLAZE
 A 11" D. FIR BEARS N.21°15'W., 23.7 FT SCRIBED "1/4S28 BT" ON DBL BLAZE
2. S27/S28/S33/S34 PLSS ID NO. 32S4W 400200 ORIGINAL
 FD. A 3/4" I.D. IRON PIPE BY RONALD A. BRANDT, PLS 841, IN 1969 PER C.S. FILE NO. 55/129-1, FIRMLY SET INTO SOLID FRACTURED ROCK, PROJECTING 16" ABOVE GROUND AND LEANING SOUTHEASTERLY. I STRAIGHTEN TO PLUMB AND CONSTRUCT A 24" DIAM. x 8" HIGH STONE MOUND. PIPE NOW PROJECTS 8" ABOVE STONE MOUND:
 FROM WHICH THE REMAINS OF A ORIGINAL 1897 BEARING TREE:
 A 14" ROTTED D. FIR STUMP BEARS S.85°30'E., 29.8 FT W/NO MKS VISIBLE (S.86°E., 44 LKS)R1 R3
 AND BEARING TREES BY BRANDT IN 1969:
 A 27" D. FIR BEARS N.19°45'E., 48.5 FT W/HEALED BLAZE (N.19°E., 48.5 FT)R3
 A 25" D. FIR BEARS S.40°E., 49.9 FT W/HEALED BLAZE (S.41°E., 50.1 FT)R3
 A 6" LIVE OAK BEARS S.42°15'W., 36.5 FT W/HEALED BLAZE (S.40°W., 36.2 FT)R3
 A 24" D. FIR BEARS N.44°15'W., 71.3 FT W/HEALED BLAZE (N.45°W., 71.7 FT)R3
3. 1/4 S28/S27 PLSS ID NO. 32S4W 400240 ORIGINAL
 FD. A 3/4" I.D. IRON PIPE BY RONALD A. BRANDT, PLS 841, IN 1969 PER C.S. FILE NO. 55/129-1, FIRMLY SET & PROJECTING 4" ABOVE THE GROUND:
 FROM WHICH THE ORIGINAL 1897 BEARING TREES:
 A 30" D. FIR BEARS N.44°15'E., 4.5 FT W/RE-HEALED DBL BLAZE (N.50°E., 6 LKS)R1 R3
 THE ROOT HOLE OF A DOWN & ROTTING 28" D. FIR BEARS RECORD (N.83°W., 7 LKS)R1 R3
 AND A BEARING TREE BY BRANDT IN 1969:
 A 18" YEWWOOD BEARS S.15°W., 29.7 FT W/SCRIBE MKS "T32SR4WS28RS841BT" VISIBLE ON OPEN BLAZE (S.14°30'W., 29.2 FT)R3
 AND NEW BEARING TREES:
 A 7" D. FIR BEARS S.53°45'E., 38.1 FT SCRIBED "1/4S27 BT" ON DBL BLAZE
 A 12" D. FIR BEARS S.57°45'W., 21.0 FT SCRIBED "1/4S28 BT" ON DBL BLAZE
4. S21/S22/S27/S28 PLSS ID NO. 32S4W 400300 ORIGINAL
 FD. A 1 3/4" I.D. IRON PIPE BY NORMAN D. PRICE, PLS 33, IN 1954 PER C.S. FILE NO. 41/302, FIRMLY SET AND PROJECTING 12" ABOVE GROUND, LEANING NORTH ±0.3' FROM PLUMB:
 FROM WHICH THE REMAINS OF ORIGINAL 1897 BEARING TREES:
 A 48" ROTTED S. PINE STUMP BEARS N.63°E., 16.0 FT W/NO MKS VISIBLE (N.64°E., 25 LKS)R1 R2
 A 40" D. FIR STUMP BEARS S.11°W., 17.0 FT W/ NO MKS VISIBLE ON OPEN BLAZE (S.9°W., 26 LKS)R1 R2
 AND A BEARING TREE BY DCSO:
 A 49" D. FIR BEARS S.28°15'E., 65.9 FT W/HEALED BLAZE (S.30°30'E., 99 LKS)R2
 AND BEARING TREES BY EDWARDS IN 2010 PER M 161-51:
 A 12" D. FIR SAW STUMP BEARS S.38°W., 1.1 FT W/HEALED LOWER BLAZE (S.38°W., 1.1 FT)R6
 A 13" MADRONE BEARS N.46°30'W., 15.9 FT W/SCRIBE MKS "T32R4WS21BT" ON OPEN SINGLE BLAZE (N.45°W., 15.95 FT)R6
 AND NEW ACCESSORIES:
 A MAG-HUB & BRASS WASHER IN TOP OF A SAWN 12" D. FIR STUMP BEARS N.48°33'E., 15.72 FT
 A 7" D. FIR BEARS S.56°30'W., 14.9 FT SCRIBED "T32SR4WS28 BT" ON DBL BLAZE
5. 1/4 S21/S28 PLSS ID NO. 32S4W 340300 ORIGINAL
 FD. A 1 1/4" IRON POST BY DCSO IN 1970 PER C.S. FILE NO. 54/114, FIRMLY SET AND PROJECTING 12" ABOVE GROUND, W/ A 2 1/2" BRASS CAP PROPERLY MARKED PER THE RECORD:
 FROM WHICH THE REMAINS OF THE ORIGINAL 1897 BEARING TREES:
 A ROTTED D. FIR STUMP BEARS N.75°E., 29.0 FT W/SCRIBE MKS "T" VISIBLE ON OPEN BLAZE (N.75°E., 44 LKS)R1 (29.0 FT)R4 R5
 A ROTTED D. FIR STUMP BEARS S.87°E., 23.8 FT W/SCRIBE MKS "S" VISIBLE ON OPEN BLAZE (S.87°E., 36 LKS)R1 (23.8 FT)R4 R5
 AND BEARING TREES BY DCSO IN 1970:
 A 9" LIVE OAK BEARS N.3°30'E., 37.1 FT W/HEALED BLAZE (N.2°E., 38.0 FT)R4 (N.3°30'E., 37.1 FT)R5
 A 10" LIVE OAK BEARS N.61°45'E., 25.3 FT W/HEALED BLAZE (N.62°15'E., 25.5 FT)R4 (N.61°45'E., 25.3 FT)R5

LEGEND:

- ⊙ = FOUND PLSS MONUMENT AS NOTED IN THE CORNER DESCRIPTIONS
- ()R1-R6 = RECORD PER LISTED SURVEYS
- ⊕ = CORNER NUMBER - SEE CORNER DESCRIPTIONS
- = PROPERTY LINES BLAZED, PAINTED & POSTED WITH 5 1/2" STEEL POSTS.



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
Adam Degroot
 OREGON
 MAY 26, 2015
 ADAM DEGROOT
 89398
 RENEWS: 12-31-2019

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

SCALE: 1" = 400'	FOR: SILVER BUTTE TIMBER CO. PO BOX 4 RIDDLE, OR 97469	JOB #: 17-052 FILE: BoulderCreekS28 Plat.DWG SHEET 1 OF 1
DATE: JUNE 6, 2019		