

RECORD OF SURVEY

LOCATED IN

W 1/2, SECTION 28, T32S, R6W, W.M.

DOUGLAS COUNTY, OREGON

FILED
 Date: 3-1-2017 By: AC
 This Survey Consists of:
 Map: M 171-19
 Narrative:
 Corner Rpt.:
 DOUGLAS COUNTY
 SURVEYOR

CORNER DESCRIPTIONS:

ALL NEW BEARING TREES HAVE DOUBLE BLAZED FACES WITH A 1" BRASS WASHER STAMPED "DEGROOT PLS 89398" NAILED INTO THE LOWER BLAZE. BEARINGS ARE TAKEN TO THE CENTER OF THE TREE AT THE ROOT CROWN AND DISTANCES ARE MEASURED TO A 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 FACE PAINTED RED AND BEARING TREE SIGNS NAILED TO THE TREE. ALL NEW 5/8" x 30" IRON ROD REFERENCE MONUMENTS HAVE A PLASTIC CAP STAMPED "BTS ENG-SURV".

- ① S27/S28/S33/S34 PLSS ID. NO. T32SR06W 400200
THE 2006 BLM MONUMENT AND ACCESSORIES PER PLSS 400200, AS TIED UNDER M 161-34. I DID NOT RE-TIE.
- ② 1/4 S28/S33 PLSS ID. NO. T32SR06W 340200
THE RAILROAD SPIKE AND ACCESSORIES PER PLSS 340200, AS TIED UNDER M 161-34. I DID NOT RE-TIE.
- ③ S28/S29/S32/S33 PLSS ID. NO. T32SR06W 300200
FOUND A 1 1/4" IRON POST BY DCSO IN 1981, FIRMLY SET & PROJECTING 5" ABOVE GROUND, WITH PROPERLY MKD. 2 1/2" BRASS CAP PER RECORD, WITH ACCESSORIES PER PLSS 300200.
- ④ 1/4 S29/S28 PLSS ID. NO. T32SR06W 300240
FOUND A 2 1/2" IRON POST BY US BLM CADASTRAL SURVEYORS ROSEBERRY & AANRUD IN 1976 PER VOL. 41, PAGE 16317, FIRMLY SET AND PROJECTING 6" ABOVE GROUND, W/ A PROPERLY MKD. 3 1/4" BRASS CAP PER RECORD:
 FROM WHICH THE 1992 DCSO BEARING TREES:
 A 13" D.FIR BEARS N.75°15'E., 38.4 FT, WITH HEALED DBL BLAZE (N.74°E., 38.0 FT)
 A 12" TAN OAK BEARS S.87°45'E., 31.7 FT, W/ BARK SCRIBE VISIBLE (S.89 1/2°E., 32.0 FT)
 AND NEW REFERENCES:
 A 8" D.FIR BEARS S.35°45'W., 16.4 FT SCRIBED "1/4 S29 BT"
 A MAG-HUB & BRASS WASHER IN BASE OF A 13" LIVE OAK BEARS N.37°02'W., 15.71 FT
- ⑤ S20/S21/S28/S29 PLSS ID. NO. T32SR06W 300300
FOUND A 2 1/2" IRON POST BY US BLM CADASTRAL SURVEYORS ROSEBERRY & AANRUD IN 1976 PER VOL. 41, PAGE 16318, FIRMLY SET AND PROJECTING 6" ABOVE GROUND, W/ A PROPERLY MKD. 3 1/4" BRASS CAP PER RECORD:
 FROM WHICH BEARING TREES BY ROSEBERRY IN 1976:
 A 23" D.FIR BEARS N.60°15'E., 19.2 FT W/ HEALED BLAZE (N.60 1/2°E., 30 LKS)
 A 12" D.FIR SNAG BEARS S.80°30'E., 105.0 FT W/ HEALED BLAZE (S.80°E., 159 LKS)
 A 16" D.FIR BEARS S.71°15'W., 46.0 FT W/ HEALED BLAZE (S.71 1/2°W., 69.5 LKS)
 A 24" D.FIR BEARS N.10°30'W., 10.0 FT W/ HEALED BLAZE (N.9 1/2°W., 16.5 LKS)
 AND A NEW BEARING TREE:
 A 14" D.FIR BEARS S.60°45'E., 12.4 FT SCRIBED "T32SR6WS28BT"
- ⑥ 1/4 S21/S28 PLSS ID. NO. T32SR06W 340300
FOUND A 2 1/2" IRON POST BY US BLM CADASTRAL SURVEYORS ROSEBERRY & AANRUD IN 1976 PER VOL. 41, PAGE 16318-19, FIRMLY SET AND PROJECTING 5" ABOVE GROUND, W/ A PROPERLY MKD. 3 1/4" BRASS CAP PER RECORD:
 FROM WHICH BEARING TREES BY ROSEBERRY IN 1976:
 A 25" D.FIR BEARS S.42°E., 27.7 FT W/ HEALED BLAZE (S.42 1/2°E., 27.4 FT)
 A 16" D.FIR BEARS N.39°45'W., 47.1 FT W/ HEALED BLAZE (N.39°W., 47.2 FT)

NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO POST AND MARK THE NORTH, WEST, AND A PORTION OF THE SOUTH BOUNDARY OF THE WEST 1/2 OF SECTION 28, T32S, R6W, W.M.
 THE W 1/4, AND SW SECTION CORNER OF S28 WERE FOUND IN THEIR PERPETUATED ORIGINAL POSITIONS. THE N 1/4 AND NW SECTION CORNER OF S28 WERE FOUND AS PROPORTIONED UNDER THE 1976 US BLM SURVEY BY ROSEBERRY & AANRUD. THE 1/2 MILE BETWEEN THE 1/4 S29/S28 AND THE SW SECTION CORNER OF S28 WAS RE-TRACED IN 1984 UNDER THE US BLM ADMINISTRATIVE SURVEY BY HENRY HARTLEY, FILED AS M 114-36. I FIND THIS LINE WAS ACCURATELY BLAZED AND TAGGED IN 1984. THE WEST 1/2 MILE BETWEEN SECTIONS 28 & 33 WAS RE-TRACED BY BRANDT IN 1981 PER M 87-24, AND A LOCAL MONUMENT WAS SET ON THE SECTION LINE. I ACCEPT THIS CORNER AS CONTROLLING THE SOUTH BOUNDARY OF SECTION 28. I ACCEPT THESE CORNERS AND POST, PAINT & BLAZE TRUE LINE AS SHOWN ON THE FACE OF THIS PLAT.
 DURING THE COURSE OF THIS SURVEY I DISCOVER AN BLUNDER IN THE 1991 TEMPLIN SURVEY M 111-63, WITH THE MEASUREMENT OF THE N-S CL OF S28. I BELIEVE THE ORIGINAL RECORD BETWEEN THE C 1/4 AND S 1/4 SHOULD READ 2643.34 FEET RATHER THAN 2634.34 FEET. THE ORIGINAL COURSES MATHEMATICALLY CLOSE ON THE FACE OF THE PLAT. IT WAS BEYOND THE SCOPE OF THIS SURVEY TO TIE THE C 1/4 AND E 1/4 TO VERIFY THE MONUMENTED POSITION OF THE C 1/4.

SURVEY CONTROL:

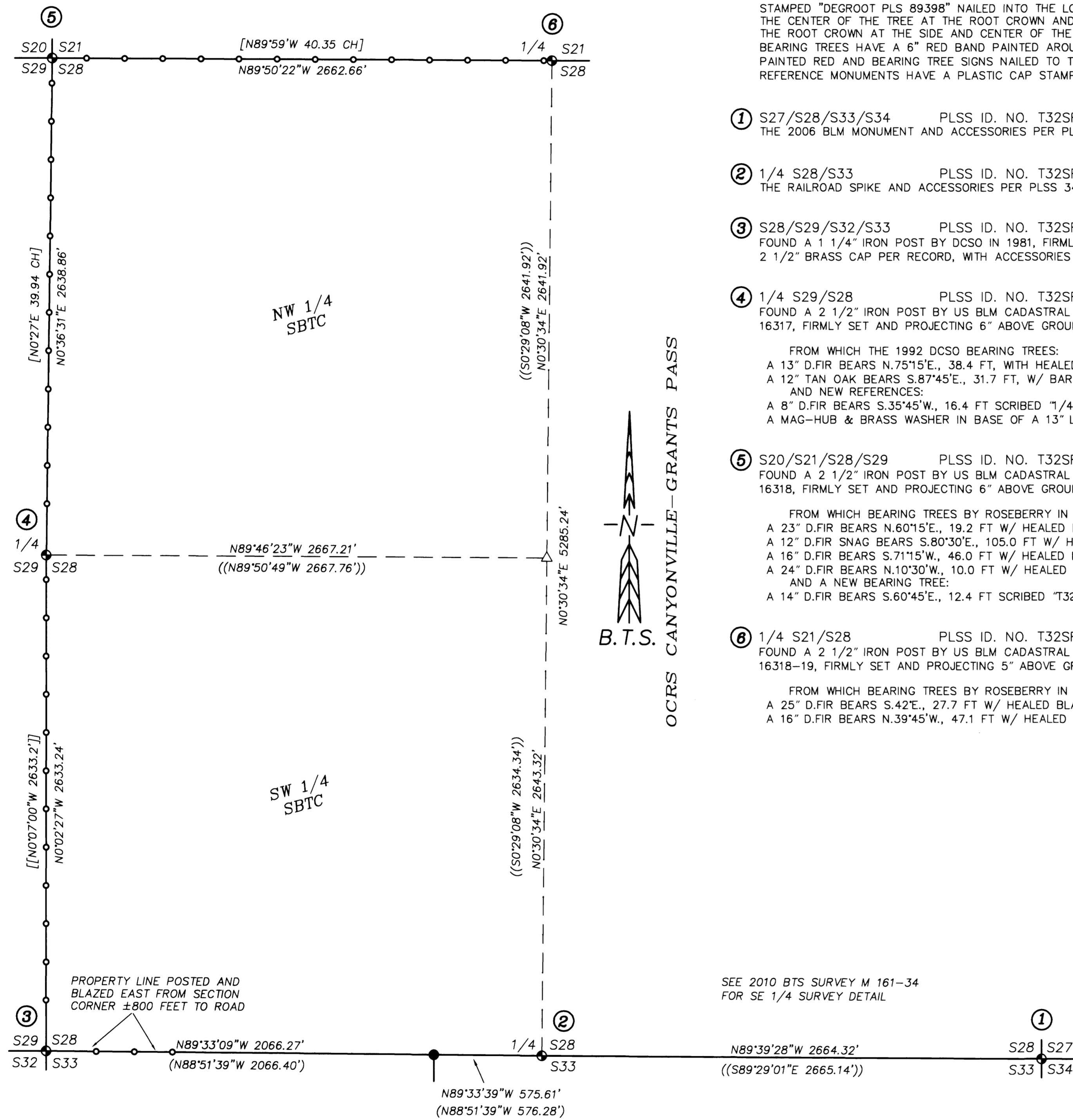
THIS SURVEY IS BASED ON THE GPS CONTROL SURVEY COMPLETED FOR THE 2010 BTS SURVEY M 161-34, WHICH TIED THE SOUTH 1/4 S28 AND THE SE CORNER OF S28, AND POSTED A PORTION OF THE SOUTH AND EAST BOUNDARY LINES. NEW STATIC GPS NETWORK POINTS WERE SURVEYED AND ADJUSTED IN LEICA GEO OFFICE BY THE METHOD OF LEAST SQUARES HOLDING THE 2010 GPS POINTS FIXED. RANDOM LINE TRAVERSE LOOPS WERE SURVEYED BETWEEN CONTROLLING POINTS, GPS POINTS, AND ALONG BOUNDARY LINES POSTED. THIS SURVEY WAS PERFORMED BY ADAM DEGROOT, RUSSELL BADGLEY, AND JOSH COLLIER USING LEICA SYSTEM 1200 GPS RECEIVERS AND A LEICA TCPR 1203 TOTAL STATION WITH COMPUTATIONS AND DRAFTING BY ADAM DEGROOT.

OCRS CANYONVILLE-GRANTS PASS ZONE
 TRANSVERSE MERCATOR PROJECTION
 REFERENCE DATUM: NAD 83(CORS96) EPOCH2002
 LATITUDE OF ORIGIN: 42°30'00"N
 CENTRAL MERIDIAN: 123°20'00"W
 CENTRAL MERIDIAN SCALE: 1.000070
 FALSE NORTHING: 0.000 m
 FALSE EASTING: 40000.000 m

STATION	LATITUDE	LONGITUDE
400200	42°45'14.78737"N	123°24'24.34925"W
340200	42°45'14.92016"N	123°25'00.05738"W
300200	42°45'15.09580"N	123°25'35.46444"W
300240	42°45'41.10389"N	123°25'35.52864"W
300300	42°46'07.16637"N	123°25'35.19194"W
340300	42°46'07.12014"N	123°24'59.49725"W

LEGEND:

- = FOUND PLSS MONUMENT AS NOTED
- = FOUND 1" IRON ROD PER M 87-24
- △ = COMPUTED POINT NOT SET
- [] = RECORD PER 1976 US BLM SURVEY BY ROSEBERRY & AANRUD
- [()] = RECORD PER M 114-36
- () = RECORD PER M 87-24
- (()) = RECORD PER M 111-63
- = PROPERTY LINES BLAZED, PAINTED & POSTED WITH 5 1/2' STEEL POSTS.



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

 OREGON
 MAY 26, 2015
 ADAM DEGROOT
 89398
 RENEWS: 12-31-2017

BTS ENGINEERING & 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 #: 16-009 FILE: 16-009_Plat1.DWG SHEET 1 OF 1
DATE: OCTOBER 31, 2016		