

# RECORD OF SURVEY

## SECTION 20 AND THE N.E. 1/4 OF SECTION 29 T28S, R4W, W.M., DOUGLAS COUNTY, OREGON

FILED  
Date: 6-6-97 By: J.P.  
This survey consists of:  
Map: M/124-53  
Narrative:  
Corner Pkt:  
DOUGLAS COUNTY SURVEYOR

**NARRATIVE:**

THE PURPOSE OF THIS SURVEY WAS TO SUBDIVIDE SECTION 20 AND THE NE 1/4 OF SECTION 29, MONUMENT CORNERS AND POST THE BOUNDARY LINES SHOWN ON THE FACE OF THE MAP. THE NE, NW, SE, SW, W 1/4 AND S 1/4 CORNERS OF SECTION 20 WERE FOUND AS RESTORED IN THEIR ORIGINAL POSITIONS. THE N 1/4 CORNER OF SECTION 20 WAS FOUND AS RESTORED BY PROPORTIONATE MEASUREMENT IN A 1958 USBLM DEPENDENT RESURVEY. THE E 1/4 OF SECTION 29 AND THE N 1/16 OF SECTIONS 28 AND 29 WERE BOTH ESTABLISHED AT PROPORTIONATE DISTANCE IN 1922 UNDER CS 5/27 AND BOTH WERE FOUND AS RESTORED IN THEIR 1922 POSITIONS. THE WITNESS CORNER TO THE C 1/4 CORNER POSITION WAS COMPUTED 22.00 FEET NORTH OF THE WITNESS CORNER ON THE NORTH-SOUTH CENTERLINE OF SECTION 29 AS PER THE M100-36 RECORD. THE E 1/4 CORNER OF SECTION 20 AND THE CE 1/16 CORNER OF SECTION 29 PER CS 5/27 WERE SEARCHED FOR BUT NO EVIDENCE FOUND. USING THESE CORNER POSITIONS, I SUBDIVIDED SECTIONS 20 AND THE NE 1/4 OF SECTION 29 PER THE MANUAL OF SURVEYING INSTRUCTIONS, 1973 AND MONUMENTED THE CORNERS LISTED. THE BOUNDARY LINES LISTED WERE POSTED WITH 6 FOOT STEEL POSTS, BLAZED, PAINTED AND FLAGGED FOR TIMBER CUTTING.

THIS SURVEY WAS PERFORMED BY LES FANNING, MATT DIXON, DAVID BEEDLE, AARON FANNING, AND KENNY MACK USING SOKKIA SET 2B11 AND SET 5A TOTAL STATIONS. CONTROL SURVEY MEASUREMENTS WERE TAKEN WITH LEICA SR299 GPS RECEIVERS BY KRIS DEGROOT AND DEREK MILLER. BEARINGS ARE BASED ON GPS OBSERVATIONS WITH COMPUTATIONS BY KRIS DEGROOT AND DRAFTING BY BILL WARREN.

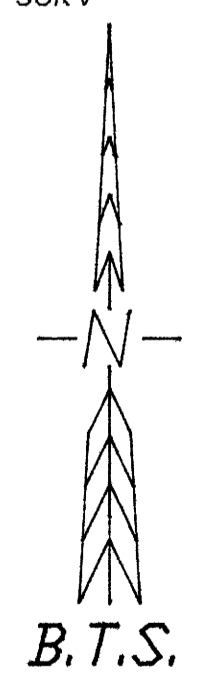
**CORNER DESCRIPTIONS:**

- FOUND: A 2 1/2" IRON PIPE BY ZIRPEL AND GLENN IN 1958, FIRMLY SET, PROJECTING 3" ABOVE THE GROUND WITH A USBLM STANDARD BRASS CAP STAMPED:  
T28S R4W  
S17 S16  
S20 S21  
1959  
FROM WHICH AN ORIGINAL BEARING BEARING TREE BY BYARS IN 1881:  
AN UPROOTED 44" D.FIR BEARS N28°W, 39.6 FT. TO ROOT HOLE WITH HACK MARKS AND ILLEGIBLE BARK SCRIBING VISIBLE,  
AND BEARING TREES BY BYRON IN 1957.  
A 24" CEDAR BEARS N56°E, 7.8 FT. W/HEALED BLAZE. (REC N51° 30'E, 8.3 FT.)  
A 22" MADRONE BEARS S54°E, 19.5 FT. TO ROOT CROWN W/HEALED BLAZE. (REC. S56°E, 21.5 FT.)  
A 20" D.FIR BEARS S36°W, 18.5 FT. W/BARK SCRIBING 'T28S R4W S20 CSBT' VISIBLE. (REC S37°W, 19.0 FT.)
- FOUND: A 2 1/2" IRON PIPE BY ZIRPEL AND GLENN IN 1958, FIRMLY SET, PROJECTING 3" ABOVE THE GROUND WITH A USBLM STANDARD BRASS CAP STAMPED:  
T28S R4W  
S17 S16  
S20 S21  
1959  
FROM WHICH BEARING TREES BY ZIRPEL & GLENN 1958:  
A 21" D.FIR BEARS S16° 30'E, 36.0 FT. W/HEALED BLAZE. (REC S4 1/2 LKS)  
A 7" CEDAR SPLINTER BEARS N16°30'W, 24.1 FT. WITH 'S17 BT' VISIBLE ON UNHEALED FACE.
- FOUND: A 2 1/2" IRON PIPE BY ZIRPEL AND GLENN IN 1958, FIRMLY SET, PROJECTING 6" ABOVE THE GROUND WITH A USBLM STANDARD BRASS CAP STAMPED:  
T28S R4W  
S18 S17  
S19 S20  
1958  
AND BEARING TREES BY BYARS IN 1881:  
A 13" FIR STOB BEARS N34°30'E, 4.6 FT. WITH SCRIBE MARKS VISIBLE.  
AN UPROOTED 23" FIR BEARS S56° 15'E, 9.9 FT. TO ROOT HOLE  
W/ILLEGIBLE SCRIBE MARKS VISIBLE ON OPEN BLAZE.  
A 14" FIR BEARS S13°W, 9.6 FT W/ILLEGIBLE BARK SCRIBE MARKS VISIBLE.  
A 34" FIR SNAG BEARS N41°W, 12.0 FT. WITH BARK SCRIBING 'S18 T28S R4W BT' VISIBLE.  
AND BEARING TREES BY ZIRPEL & GLENN 1958:  
AN UPROOTED 18" FIR BEARS N87°E, 8.4 FT. WITH SCRIBING 'T28S R4W S19 BT' VISIBLE.  
A 32" FIR BEARS S88°30'W, 8.3 FT. W/ILLEGIBLE SCRIBING VISIBLE ON A PARTIALLY HEALED FACE.
- FOUND: A 1 1/4" IRON PIPE BY BYRON IN 1961, FIRMLY SET, PROJECTING 18" ABOVE THE GROUND WITH A 2 1/2" BRASS CAP STAMPED:  
COUNTY SURVEYORS OFFICE  
T28S R4W  
1/4 S19S20  
1961  
FROM WHICH ORIGINAL BEARING TREES BY BYARS IN 1881:  
AN 18" ROTTED FIR STOB BEARS N16°30'E, 36.6 FT. WITH OLD CHOPPED FACE. (REC N16°E, 53 LKS)  
A 50" D.FIR STUMP BEARS N20°W, 27.7 FT.  
AND BEARING TREES BY BYRON IN 1961:  
A 16" CEDAR BEARS N66°30'E, 15.0 FT. W/HEALED DOUBLE FACE. (REC N65°E, 15.3 FT.)  
A 22" CEDAR BEARS S33°W, 11.1 FT. W/HEALED DOUBLE FACE. (REC S28°W, 10.0 FT.)
- SET: A 5/8" X 30" IRON ROD, 26" IN THE GROUND WITH A 2" ALUMINUM CAP STAMPED:  
T28S R4W  
S 1/16 S20  
C  
1997  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 12" D.FIR BEARS N14°E, 9.6 FT SCRIBED 'CS1/16 S20 BT'.  
A 14" D.FIR BEARS S.75°W., 3.7 FT SCRIBED 'CS1/16 S20 BT'.
- SET: A 5/8" X 30" IRON ROD 26" IN THE GROUND WITH A 2" ALUMINUM CAP STAMPED:  
T28S R4W  
S 1/16  
S19S20  
1997  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 23" D.FIR BEARS N.5°E., 35.2 FT. SCRIBED 'S1/16 S20 BT'.  
A 22" CEDAR BEARS S.34°E., 18.0 FT SCRIBED 'S1/16 S20 BT'.  
NO SUITABLE TREE AVAILABLE IN SEC. 19 DUE TO POWER LINE CLEARING.

- FOUND: A 1 1/2" IRON PIPE BY DCSD IN 1961, FIRMLY SET, PROJECTING 16" ABOVE THE GROUND WITH A 2 1/2" DIA BRASS CAP STAMPED:  
COUNTY SURVEYORS OFFICE  
T28S R4W  
S19S20  
S30S29  
1961  
A 1/2" COPPER ROD BY ESLINGER IN 1958 IS SET ALONG WEST SIDE OF BCIP.  
FROM WHICH BEARING TREES BY ESLINGER IN 1951:  
A 10" PINE BEARS N10°W., 22.0 FT. WITH AN OPENED BURNT FACE.  
A 28" CEDAR STUMP BEARS N. 50°E., 9.0 FT. WITH A HEALED BLAZE.  
AND WHICH BEARING TREES BY DCSD IN 1961:  
A 21" CEDAR BURNT SNAG BEARS S.43°E., 4.0 FT. WITH A HEALED BLAZE.  
AN UPROOTED 11" D.FIR BEARS N.12°E., 26.9 FT. TO ROOT HOLE WITH A HEALED BLAZE.  
A 41" CEDAR BEARS N.15°30'W., 47.0 FT. WITH A HEALED BLAZE.  
A 22" D.FIR BEARS S.83°W., 22.5 FT. WITH A HEALED BLAZE.  
NOTE: THERE IS NO RECORD OF THE DCSD 1961 RENEWAL ON FILE.
- FOUND: 1" IRON ROD PER STEWART IN 1922, FIRMLY SET, PROJECTING 4" ABOVE THE GROUND:  
FROM WHICH BEARING TREES BY STEWART IN 1922:  
A 25" FIR BEARS S10°W., 42.2 FT.  
A 20" CEDAR SNAG 20 FT TALL BEARS N12°30'W, 31.6 FT.  
AND BEARING TREES BY BYRON IN 1961  
A 20" D.FIR BEARS S62°30'E, 19.3 FT. WITH A HEALED BLAZE.  
A 28" LAUREL BEARS N14°E, 28.6 FT. WITH A HEALED BLAZE  
AND A BEARING TREE NOT OF RECORD.  
A 12" D.FIR BEARS S50°E, 3.0 FT WITH A HEALED BLAZE.
- FOUND: A 2 1/2" IRON PIPE BY ZIRPEL AND GLENN IN 1958, FIRMLY SET, PROJECTING 4" ABOVE THE GROUND WITH A USBLM STANDARD BRASS CAP STAMPED:  
T28S R4W  
S20 S21  
S28 S29  
1958  
FROM WHICH THE ORIGINAL BEARING TREES BY BYARS IN 1881:  
AN UPROOTED 45" D.FIR BEARS S80°E, 37.6 FT TO ROOT HOLE.  
A 36" D.FIR STUMP BEARS S29°30'W, 13.4 FT. (REC S24°W, 18 LKS. DISTANCE CHECKS TO FACE)  
AND BEARING TREES BY STEWART IN 1922:  
A 36" ROTTED D.FIR STUMP BEARS N5°E, 47.6 FT. (REC 46.3 FT.)  
A 17" YEW WITH ROTTED FACE BEARS S44°E, 71.8 FT. (REC. S47°30'E, 71.6 FT.)  
A 40" ROTTED D.FIR STUMP BEARS N43°30'W, 74.1 FT. (REC. N.45°W., 72.1 FT.)  
AND BEARING TREES BY ZIRPEL AND GLENN IN 1958:  
AN UPROOTED & ROTTED 8" D.FIR BEARS N56°15'E, 14.3 FT. TO ROOT HOLE.  
A 25" D.FIR STUMP BEARS S34°30'W, 38.3 FT. WITH HEALED BLAZE (REC. S.31°30'W.)  
A 20" D.FIR BEARS N23°30'W, 30.1 FT. WITH HEALED FACE. (REC. N.25°30'W., 45 LKS.)
- SET: A 5/8" X 30" IRON ROD, 26" IN THE GROUND WITH A PLASTIC CAP MARKED 'BTS ENG-SURV'  
FROM WHICH NEW BEARING TREES:  
A 6" D. FIR BEARS N 64°W, 25.5 FT. SCRIBED: 'CN NE 1/64 S29 BT'  
AN 8" D. FIR BEARS N 31°E, 4.2 FT. SCRIBED: 'CN NE 1/64 S29 BT'
- SET: A 5/8" X 30" IRON ROD, 26" IN THE GROUND WITH A PLASTIC CAP MARKED 'BTS ENG-SURV'  
FROM WHICH NEW BEARING TREES:  
A 15" CEDAR BEARS N 49°E, 25.7 FT. SCRIBED: 'NW NE 1/64 S29 BT'  
A 13" D. FIR BEARS S 87°E, 94.3 FT. SCRIBED: 'NW NE 1/64 S29 BT'
- SET: A 5/8" X 30" IRON ROD, 26" IN THE GROUND WITH A 2" ALUMINUM CAP STAMPED:  
T28S R4W  
C  
N 1/16 S29  
C  
1997  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 15" CEDAR BEARS N.78°E., 18.6 FT SCRIBED 'CN 1/16 S29 BT'.  
A 13" CEDAR BEARS S.41°W., 10.0 FT SCRIBED 'CN 1/16 S29 BT'.
- SET: A 5/8" X 30" IRON ROD, 26" IN THE GROUND WITH A PLASTIC CAP MARKED 'BTS ENG-SURV'  
FROM WHICH NEW BEARING TREES:  
A 29" D.FIR BEARS N 23°E, 45.7 FT. SCRIBED: 'CW NE 1/64 S29 BT'  
A 25" HEMLOCK BEARS N 63°E, 69.4 FT. SCRIBED: 'CW NE 1/64 S29 BT'
- SET: A 5/8" X 30" IRON ROD, 26" IN THE GROUND WITH A 2" ALUMINUM CAP STAMPED:  
T28S R4W  
NE 1/16 S29  
C  
1997  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 8" D. FIR BEARS N 71°W., 30.8 FT. SCRIBED 'NE1/16 S29 BT'.  
A 10" D.FIR BEARS N 23°E., 32.5 FT SCRIBED 'NE1/16 S29 BT'.
- FOUND: A 5/8" IRON ROD BY BROWN IN 1994 PER M 120-63, FIRMLY SET FLUSH WITH THE GROUND WITH PLASTIC CAP MARKED 'PLS 2391 R. BROWN'  
FROM WHICH BEARING TREES BY BROWN IN 1994:  
A 14" CEDAR, S 17°W, 43.1 FT. WITH SCRIBING 'N 1/16 S 29 BT' VISIBLE.  
A 12" CEDAR, N 8°W, 36.8 FT. WITH SCRIBING 'N 1/16 S 29 BT' VISIBLE.
- FOUND: A 3/4" IRON PIPE BY BYRON IN 1961, FIRMLY SET, PROJECTING 6" ABOVE THE GROUND, WITH A 2 1/2" BRASS CAP, STAMPED:  
COUNTY SURVEYORS OFFICE  
T28S R4W  
1/4 S29S28  
1961  
FROM WHICH A BEARING TREE BY STEWART IN 1922:  
A 42" CEDAR BEARS S63°W, 144.7 FT. WITH A HEALED BLAZE.  
AND A BEARING TREE BY BYRON IN 1961:  
A 24" D.FIR BEARS N17°W, 96.6 FT. WITH A HEALED BLAZE.
- FOUND: A 5/8" IRON ROD BY JOHNSTONE IN 1986 PER M 100-36 WITH A 1 1/2" ALUMINUM CAP MARKED 'LS 498'  
FROM WHICH BEARING TREES BY JOHNSTONE IN 1986:  
A 14" CEDAR, N 61°W, 20.8 FT. WITH A HEALED BLAZE.  
A 35" D. FIR, S 5°E, 31.5 FT. WITH A HEALED BLAZE.

**LEGEND:**

- = SET 5/8" X 30" IRON ROD W/PLASTIC CAP MK'D 'BTS ENG-SURV'
- = FOUND 5/8" IRON ROD PER M 120-63
- ⊙ = FOUND 1" IRON PIPE PER CS 5/27
- ⊙ = FOUND 5/8" IRON ROD PER M 100-36
- ⊙ = FD BCIP, AS NOTED.
- ▲ = COMPUTED POINT NOT SET
- +++ = PROPERTY LINE POSTED WITH 6' STEEL POST.
- ( ) = USGLD RECORD, BYARS, 1881
- [ ] = RECORD PER 1958 USBLM DEPENDENT RESURVEY
- < > = RECORD PER C.S. FILE #5/27
- << >> = RECORD PER M 100-36
- [ [ ] ] = RECORD PER M 120-63



REGISTERED PROFESSIONAL LAND SURVEYOR  
*Kristian O. Degroot*  
OREGON JULY 17 1981  
KRISTIAN O. DEGROOT  
1941

EXPIRES: 12-31-97

**BTS ENGINEERING & SURVEYING, INC.**  
431 SE MAIN ST., ROSEBURG, OR 97100  
PHONE (541) 673-0966 FAX (541) 673-0105

SCALE: 1" = 400'  
DATE: MAY, 1997

SURVEYED FOR: BLUE HERON LAND CO. SENECA JONES TIMBER CO.  
P.O. BOX 848 566 N.E. RIFLE RANGE RD.  
WINCHESTER, OR. 97496 ROSEBURG, DR. 97496

JOB # 96-096  
FILE NAME: BH28-4  
SHEET 1 OF 1