

**FILED**  
 Date: 11-16-95 By: JC  
 This survey consists of:  
 Max: M119-74  
 Narrative:  
 Corner Rpt:  
**DOUGLAS COUNTY SURVEYOR**

**1/4 CORNER 30, 31**

FOUND: DOUGLAS CO. BRASS CAP DATED 1960  
 26" FIR, N 81-1/2° E, 40.0 FT. - CLOSED FACE  
 RECORD: N 63 E, 41.0 FT. - 1960 DOUGLAS CO.  
 13" FIR, S 42 W, 8.5 FT. - CLOSED FACE  
 RECORD: S 40 W, 8.0 FT. - 1960 DOUGLAS CO.

**1/4 CORNER SECTIONS 28, 29**

FOUND: DOUGLAS COUNTY BRASS CAP DATED 1955  
 10" FIR, N 48 E, 48.7 FT. TO SET SPIKE - CLOSED FACE  
 RECORD: N 48 E, 48.8 FT. - 1968 DOUGLAS CO.  
 15" FIR, N 72 W, 19.4 FT. TO SET SPIKE - CLOSED FACE  
 RECORD: N 75 W, 19.3 FT. - 1968 DOUGLAS CO.

**1/4 CORNER 27, 28**

FOUND: DOUGLAS COUNTY BRASS CAP DATED 1968  
 20" FIR, S 72-1/4° E, 116.0 FT. - CLOSED FACE  
 RECORD: S 74 E, 112.9 FT. - 1968 DOUGLAS CO.  
 26" FIR STUMP, N 31 W, 64.8 FT. - OPENED TO SCRIBE "1/4S"  
 RECORD: N 34 W, 66.0 FT. - 1955 M28/41

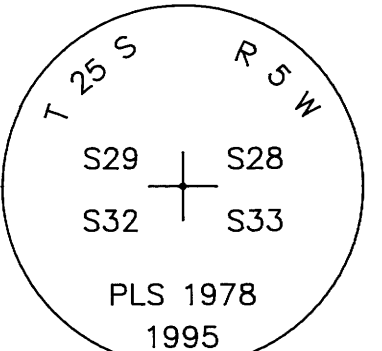
**SECTION CORNER 26, 27, 34, 35**

FOUND: DOUGLAS COUNTY BRASS CAP DATED 1960  
 24" FIR STUMP, S 45 E, 13.2 FT. - ROTTEN AND BURNED REMAINS  
 RECORD: S 46-1/2° E, 13.0 FT. - 1923 M6-21  
 24" FIR, S 68 W, 73.1 FT. - CLOSED FACE  
 RECORD: S 66 W, 73.5 FT. - 1960 DOUGLAS CO.  
 20" FIR, N 21 W, 75.6 FT. - CLOSED FACE  
 RECORD: N 17 W, 74.4 FT. - 1960 DOUGLAS CO.

**COUNTY SURVEYORS FILE DATA**  
**DO NOT REMOVE FROM OFFICE**

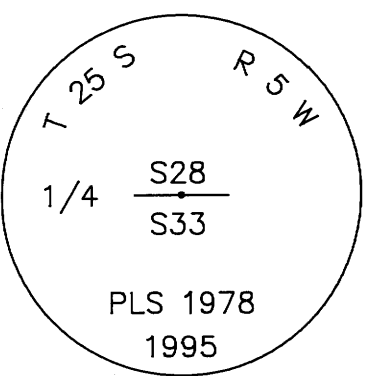
**SECTION CORNER 28, 29, 32, 33**

SET: 1-3/4" X 31" IRON PIPE WITH BRASS CAP DATED 1995  
 7" MADRONE, N 58 E, 59.4 FT. TO SPIKE  
 SCRIBED "T25S R5W S28 BT"  
 5" MADRONE, S 81 E, 41.4 FT. TO SPIKE  
 SCRIBED "T25S R5W S33 BT"  
 8" PINE, S 22 W, 14.8 FT. TO SPIKE  
 SCRIBED "T25S R5W S32 BT"  
 12" FIR, N 32 W, 21.9 FT. TO SPIKE  
 SCRIBED "T25S R5W S29 BT"



**1/4 CORNER 28, 33**

SET: 1-3/4" X 31" GALVANIZED PIPE W/ BRASS CAP DATED 1995  
 14" FIR, N 5 E, 38.2 FT. TO SPIKE  
 SCRIBED "1/4 S28 BT"  
 8" FIR, S 60 E, 14.3 FT. TO SPIKE  
 SCRIBED "1/4 S33 BT"  
 15" FIR, S 34 W, 42.3 FT. TO SPIKE  
 SCRIBED "1/4 S33 BT"  
 12" FIR, N 22 W, 30.4 FT. TO SPIKE  
 SCRIBED "1/4 S28 BT"



**1/4 CORNER 33, 34**

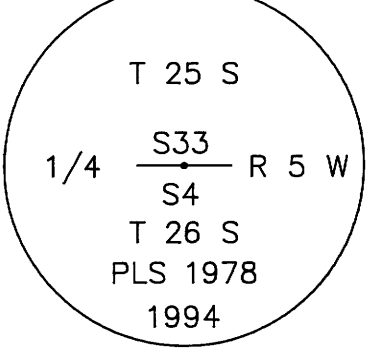
FOUND: DOUGLAS CO. BRASS CAP DATED 1959  
 8" FIR SNAG, N 86-1/2° E, 26.3 FT. - CLOSED FACE  
 RECORD: N 85 E, 26.7 FT. - 1959 DOUGLAS CO.  
 48" ROTTEN FIR STUMP, S 9 W, 26.3 FT.  
 RECORD: UNKNOWN  
 22" FIR STUMP, N 81 W, 30.3 FT. - CUT BELOW SCRIBE  
 RECORD: N 83 W, 30.4 FT. - 1959 DOUGLAS CO.

**SECTION CORNER 32, 33, 4, 5**

FOUND: DOUGLAS CO. BRASS CAP DATED 1972 - M44-48  
 18" OAK N 4 E, 37.5 FT. TO SET SPIKE - CLOSED FACE  
 RECORD: N 3 E, 37.3 FT. - 1972 DOUGLAS CO.  
 18" OAK, S 20 E, 14.9 FT. TO SET SPIKE - CLOSED FACE  
 RECORD: S 25 E, 15.2 FT. - 1972 DOUGLAS CO.  
 16" ASH, S 29 W, 40.0 FT. TO SET SPIKE - SCRIBE VISIBLE  
 RECORD: S 28 W, 40.6 FT. - 1972 DOUGLAS CO.  
 20" OAK, N 36 W, 36.6 FT. TO SET SPIKE - CLOSED FACE  
 RECORD: N 31-1/2° W, 37.0 FT. - 1972 DOUGLAS CO.  
 SET: 6 FT. METAL FENCE POST 1 FT. NORTH

**1/4 CORNER 4, 33**

SET: 1" X 36" IRON PIPE WITH BRASS CAP DATED 1994  
 8" ALDER, N 86-1/2° W, 34.6 FT. TO SPIKE  
 SCRIBED "1/4 S33 BT"  
 9" ASH, N 13 E, 89.5 FT. TO SPIKE  
 SCRIBED "1/4 S33 BT"  
 10" ALDER, S 66 E, 82.7 FT. TO SPIKE  
 SCRIBED "1/4 S4 BT"  
 7" FIR, S 71 W, 100.6 FT. TO SPIKE  
 SCRIBED "1/4 S4 BT"  
 6 FT. ALUMINUM FENCE POST 1 FT. EAST

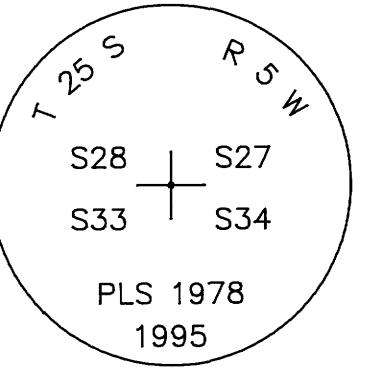


**SECTION CORNER 33, 34, 3, 4**

FOUND: DOUGLAS CO. BRASS CAP DATED 1972 - M44-48  
 14" FIR, N 67 E, 60.3 FT. TO 1.5 FT. HIGH STUB - CLOSED FACE  
 RECORD: N 67 E, 60.5 FT. - 1972 DOUGLAS CO.  
 15" W. OAK, S 82 E, 49.0 FT. TO SET SPIKE - CLOSED FACE  
 RECORD: S 82 E, 49.5 FT. - 1972 DOUGLAS CO.  
 15" ASH, S 8 W, 46.1 FT. TO SET SPIKE - SCRIBE VISIBLE  
 RECORD: 15" MAPLE, S 8 W, 46.0 FT. - 1972 DOUGLAS CO.  
 16" B. OAK, N 58 W, 42.3 FT. TO SET SPIKE - CLOSED FACE  
 RECORD: N 56 W, 42.2 FT. - 1972 DOUGLAS CO.

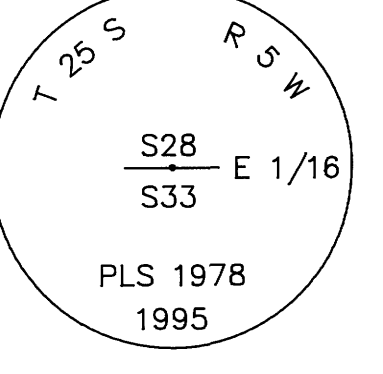
**SECTION CORNER 27, 28, 33, 34**

SET: 1-3/4" X 30" GALVANIZED PIPE W/ BRASS CAP DATED 1995  
 16" FIR, N 83 E, 136.8 FT. TO SPIKE  
 SCRIBED "T25S R5W S27 BT"  
 14" FIR, S 11 E, 86.9 FT. TO SPIKE  
 SCRIBED "T25S R5W S34 BT"  
 14" FIR STUMP, S 54 W, 23.4 FT. TO SPIKE  
 19" FIR STUMP, N 61 W, 32.3 FT. TO SPIKE  
 6 FT. METAL FENCE POST 1 FT. NORTH



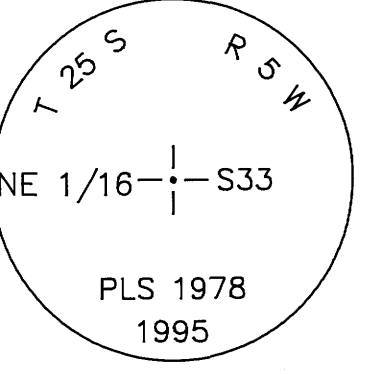
**E 1/16 CORNER 28, 33**

SET: 1-3/4" X 30" GALVANIZED PIPE W/ BRASS CAP DATED 1995  
 18" FIR, N 60 E, 53.5 FT. TO SPIKE  
 23" FIR, S 3 W, 147.9 FT. TO SPIKE  
 SCRIBED "E 1/16 S28 BT"  
 SCRIBED "E 1/16 S33 BT"  
 6 FT. METAL FENCE POST 1 FT. SOUTH



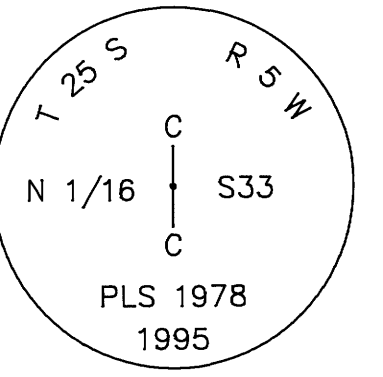
**NE 1/16 CORNER**

SET: 1-3/4" X 30" GALVANIZED PIPE W/ BRASS CAP DATED 1995  
 18" FIR, N 32 E, 91.8 FT. TO SPIKE  
 SCRIBED "NE 1/16 S33 BT"  
 15" FIR, N 33 W, 166.1 FT. TO SPIKE  
 SCRIBED "NE 1/16 S33 BT"  
 6 FT. METAL FENCE POST 1 FT. NORTH



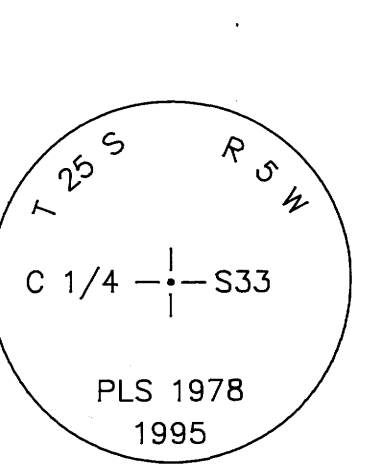
**CN 1/16 CORNER**

SET: 1-3/4" X 30" GALVANIZED PIPE W/ BRASS CAP DATED 1995  
 13" FIR, N 17 E, 60.6 FT. TO SPIKE  
 SCRIBED "CN 1/16 S33 BT"  
 9" FIR, S 60 E, 23.9 FT. TO SPIKE  
 SCRIBED "CN 1/16 S33 BT"  
 6 FT. METAL FENCE POST 1 FT. EAST



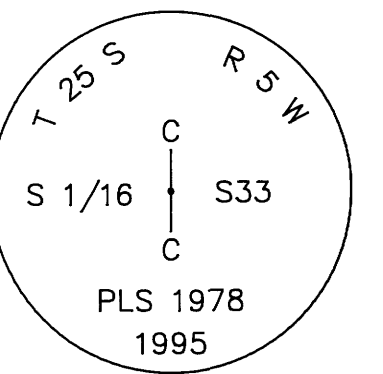
**CENTER 1/4 SECTION 33**

SET: 1-3/4" X 30" GALVANIZED PIPE W/ BRASS CAP DATED 1995  
 20" FIR, S 87 E, 106.5 FT. TO SPIKE  
 SCRIBED "C 1/4 S33 BT"  
 11" FIR, S 37 W, 141.4 FT. TO SPIKE  
 SCRIBED "C 1/4 S33 BT"  
 9" OAK, N 17 W, 47.0 FT. TO SPIKE  
 SCRIBED "C 1/4 S33 BT"  
 14" FIR, N 65 W, 239.2 FT. TO SPIKE  
 SCRIBED "C 1/4 S33 BT"  
 6 FT. METAL FENCE POST 1 FT. NORTH



**CS 1/16 CORNER**

SET: 1-3/4" X 30" GALVANIZED PIPE W/ BRASS CAP DATED 1995  
 24" FIR, N 1 W, 42.2 FT. TO SPIKE  
 SCRIBED "CS 1/16 S33 BT"  
 22" FIR, N 49 E, 13.0 FT. TO SPIKE  
 SCRIBED "CS 1/16 S33 BT"  
 6 FT. METAL FENCE POST 1 FT. NORTH



SCALE 1"=400'

**LEGEND**

- ⊙ - CORNERS FOUND (AS NOTED)
- - CORNERS SET (AS NOTED)
- - CALCULATED POINT (NOT SET)
- - PROPERTY LINE
- { } - RECORD DATA - 1853 GLO
- { } - RECORD DATA - 1871 GLO
- [ ] - RECORD DATA - 1972 DOUGLAS CO. M44-48
- x- - EXISTING FENCE
- ~ - BREAK LINE

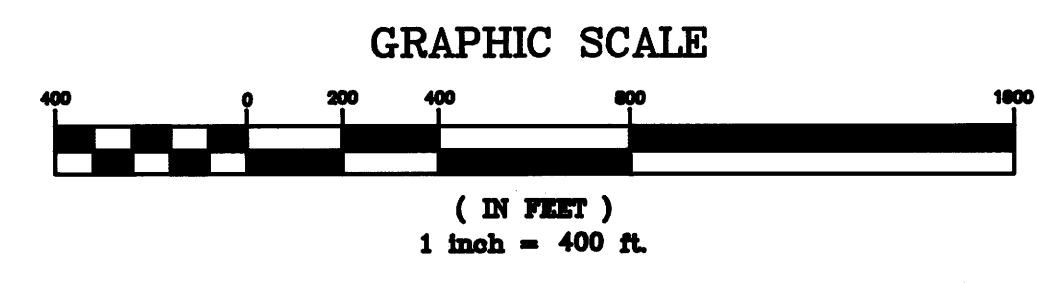
**NARRATIVE**

THIS SURVEY WAS MADE FROM SEPTEMBER 1994 TO OCTOBER 1995 BY DANIEL W. BAKER, OF BAKER AND ASSOCIATES, SURVEYORS, 1385 OAK STREET, SUITE 3, EUGENE, OREGON. THE PURPOSE OF THIS SURVEY WAS TO LOCATE AND MARK, IN THE FIELD, THE PROPERTY LINES OF GARY WAGGONER OWNERSHIP IN SECTION 33, T25S, R5W, W.M. DUE TO THE SIZE OF THE SURVEY, A GPS STATIC CONTROL NETWORK WAS ESTABLISHED WITH TRIMBLE 4000SSE RECEIVERS TO THE EXISTING CORNERS AND ADDITIONAL CONTROL POINTS TO BE USED DURING THE CONVENTIONAL PORTION OF THE SURVEY. BASELINE VECTORS HELD ON A LOCAL COORDINATE SYSTEM WERE ADJUSTED BY TRIMBLE GPSURVEY WAVE AND LEAST SQUARES ADJUSTMENT PROGRAMS. WGS84 COORDINATES AND THE 1983 GEODAL MODEL WERE USED TO PRODUCE 3D NETWORK COORDINATES. A CONVENTIONAL NETWORK WAS RUN BETWEEN CONTROL POINTS USING A WILD T1000 WITH DISS EDM AND TOPCON GST 301. THE ENTIRE NETWORK WAS LEAST SQUARES ADJUSTED USING STARNET SOFTWARE WHILE HOLDING THE GPS CONTROL NETWORK POINTS AS FIXED. THE BASIS OF BEARING FOR THIS SURVEY IS BY GEODETIC REFERENCE AS GENERATED BY THE GPS AND TRANSFORMED TO NAD 83 STATE PLANE OREGON SOUTH ZONE GRID BEARINGS.

THE FOLLOWING CORNERS WERE USED FOR CONTROL AS FOUND, AND ACCEPTED AS BEING IN CORRECT POSITIONS. THE NORTH 1/4 CORNER SECTION 31; EAST AND WEST 1/4 CORNERS SECTION 28; EAST 1/4, SOUTHEAST, AND SOUTHWEST SECTION CORNERS SECTION 33; AND NORTHEAST CORNER SECTION 34. THE SOUTH 1/4 CORNER OF SECTION 33 WAS FOUND, BUT DETERMINED TO BE OUT OF LIMITS AS SET IN 1972 PER M44-48 AND WAS NOT ACCEPTED.

THE NORTHEAST AND NORTHWEST CORNERS OF SECTION 33 WERE SET BY DOUBLE PROPORTION METHOD FROM MENTIONED FOUND CORNERS. THE SOUTH 1/4 CORNER SECTION 33 WAS SET AT MIDPOINT AND ON LINE BETWEEN THE FOUND SOUTHEAST AND SOUTHWEST SECTION CORNERS. THE NORTH 1/4 CORNER SECTION 33 WAS SET ON LINE AT PROPORTIONATE DISTANCE BETWEEN THE SET NORTHEAST AND NORTHWEST SECTION CORNERS. THE WEST 1/4 CORNER SECTION 33 WAS DETERMINED BY CALCULATION ONLY. THE CENTER 1/4 CORNER WAS SET AT THE INTERSECTION OF THE NORTH/SOUTH AND EAST/WEST CENTERLINES OF SECTION 33. THE CENTER SOUTH 1/16 CORNER WAS SET AT MIDPOINT AND ON LINE BETWEEN THE CENTER 1/4 CORNER AND SOUTH 1/4 CORNER. THE CENTER NORTH 1/16 CORNER WAS SET AT MIDPOINT AND ON LINE BETWEEN THE CENTER 1/4 CORNER AND NORTH 1/4 CORNER. THE EAST 1/16 CORNER BETWEEN SECTIONS 33 AND 28 WAS SET AT MIDPOINT AND ON LINE BETWEEN THE NORTH 1/4 AND NORTHEAST SECTION CORNER OF SECTION 33. THE NORTHEAST 1/16 CORNER WAS SET AT THE INTERSECTION OF THE EAST/WEST AND NORTH/SOUTH CENTERLINES OF THE NORTHEAST 1/4 OF THE SECTION.

THE CORNERS SET IN THIS SURVEY WERE MONUMENTED AS NOTED WITH 2-1/2" BRASS CAPS. THE CORNER WAS MARKED WITH PROPER MARKING PER "1973 BLM MANUAL OF INSTRUCTION". THE TRUE PROPERTY LINE WAS MARKED BY BLAZING TREES (BLAZES PAINTED RED) ON EITHER SIDE OF THE TRUE LINE, OR BY PLACING 6 FOOT METAL FENCE POSTS ON LINE AS APPROPRIATE. BEARING TREES ESTABLISHED OR TIED IN THIS SURVEY WERE BASED ON MAGNETIC 20° DECLINATION, WITH DISTANCES TO AN 8" SPIKE AT SIDE CENTER WHERE NOTED.



**BASIS OF BEARING: NAD 83 OREGON STATE PLANE SOUTH ZONE**  
**AVERAGE PROJECT CONVERGENCE ANGLE: -1°54'27"**  
**DISTANCES STATED ARE GRID FEET DISTANCE ( 1 METER = 3.28084 FT.)**  
**COMBINED GRID FACTOR: GRID = GROUND X 0.9999**

REGISTERED PROFESSIONAL LAND SURVEYOR  
 DANIEL W. BAKER  
 1978  
 EXPIRES 12/31/95

<b>SURVEY IN</b>	
ALL QTRS. SECTION 33, T25S, R5W, W.M. DOUGLAS COUNTY, OREGON	
CLIENT:	GARY WAGGONER
DRAWN BY:	DHW
DATE:	10/5/95
FILE:	BA\GARY_S33
BAKER AND ASSOCIATES, SURVEYORS 1385 OAK STREET - SUITE 3 EUGENE, OREGON (503) 343-7243	