

PROPERTY SURVEY IN SW 1/4 OF SECTION 13

TOWNSHIP 20 SOUTH, RANGE 12 WEST, W.M. FILED

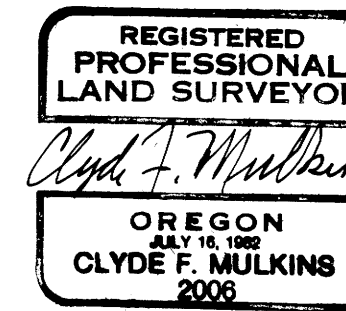
DOUGLAS COUNTY, OREGON

DEC 8 1987

COUNTY SURVEYOR
DOUGLAS COUNTY, OREG.

FOR SPARROW-PACIFIC
RICHARD HOLMES
6936 NE HALSEY STREET
PORTLAND OREGON 97213

SURVEYED BY
STUNTZNER ENGINEERING AND FORESTRY
PO BOX 112
COOS BAY OREGON 97420



NARRATIVE: THE PURPOSE OF THIS SURVEY WAS TO SET CORNERS AND FLAG LINES AS SHOWN HEREON. ALL TRAVERSES WERE CLOSED LOOP TRAVERSES WITH ERROR OF CLOSURE OF 1 IN 5000 OR BETTER. EQUIPMENT USED WERE A TOPCON THEODOLITE AND EDM. ASSISTING IN THE SURVEY WERE CLYDE MULKINS L.S., JERRY ESTABROOK, BRUCE WEBSTER AND A. BLACHLY THE ORIGINAL GOVERNMENT SURVEY WAS MADE IN 1857. IT WAS INCOMPLETE AND WAS EVENTUALLY REDONE UNDER U.S. GOVERNMENT CONTRACT 745 DATED 1902 AND DONE BY WM. H. BYARS. EVIDENCE OF BYARS WORK AND CORNERS SET FROM IT IN LATER SURVEYS WAS USED TO ESTABLISH CORNERS FOR THIS SUBDIVISION. A SURVEY DONE IN 1963 BY WARREN HOOTMAN BASED ON BYARS WORK AND ALSO SURVEYING DONE BY W.G. CORBITT IN 1943 WAS ALSO USED TO DETERMINE CORNER POSITIONS.

BASIS OF BEARING THE BASIS OF BEARING FOR THIS SURVEY IS FROM SOLAR OBSERVATION WAS MADE USING THE HOUR ANGLE METHOD.

DATE OF THIS SURVEY IS 10/30/1987

NOTES
MEASUREMENTS TO NEWLEY SCRIBED BEARING TREES ARE TO THE SIDE CENTER OF THE TREE. MEASUREMENTS TO FOUND BEARING TREES ARE TO THE FACE OF THE TREE. BEARING TREES WERE TAGGED AND PAINTED. MONUMENTS SET WERE STAMPED AS SHOWN IN THE MANUAL OF SURVEY FOR PUBLIC LANDS. DECLINATION IS 20 DEGREES EAST. DISTANCES ON THIS MAP ARE IN FEET UNLESS NOTED. THE SECTION SUBDIVIDE WAS MADE ACCORDING TO THE MANUAL OF SUBDIVISION FOR PUBLIC LANDS

- LEGEND
- FOUND CORNER AND REPLACED IT WITH A 3/4 BY 30 IN REBAR AND 2 IN ALUMINUM CAP. THE ROD WAS DRIVEN DOWN 24 INCHES INTO THE GROUND.
 - ⊙ FD CORNER AS NOTED
 - SET 5/8 IN REBAR WITH YELLOW PLASTIC CAP STAMPED STUNTZNER ENGR.
 - TRUE LINE ESTABLISHED - BLAZED TREES AND FLAGGED IN RED.
- REF 1 GLO SURVEY DONE 1857
REF 2 GLO RESURVEY DONE 1902
REF 3 1/30/1963 SURVEY BY WARREN HOOTMAN CS 51/249 MAP 22/36
REF 4 2/1958 SURVEY BY G.R. LECKLIDER MAP FILE MB-38

- CORNER NOTES
- 1 FOUND 1 1/2 IN I.P. I SCRIBED 22 IN SPRUCE N 28 E 6.6 FEET. FD 20 IN FIR (REF 4) N 34 1/2 E 92.5 FEET WITH HEALED FACE. I SCRIBED 11 IN HEMLOCK S 44 E 43.1 FEET. FD HEMLOCK STUMP (REF 4) N 18 1/2 E 53.0 FEET TO FACE (REC S 10 W 45.5 FT).
 - 2 I SCRIBED 14 IN SPRUCE 1/4 S 14 BT. IT BEARS N 85 W 35.6 FEET. I SCRIBED 23 IN SPRUCE 1/4 S 14 BT. IT BEARS S 2 W 21.3 FEET. FD 1 1/2 IN I.P. SET NEW MONUMENT. FD ORIG BT. IT IS 30 IN SPRUCE STUMP IT BEARS N 43 30W (GLO RECORDS W 62 W) 21.1 FEET WITH VISABLE FACE. FD ORIG BT DOUBLE SPRUCE STUMP REMAINS. IT BEARS N 77 30 E (GLO RECORD IS EAST) A DISTANCE OF 26.4 FEET.
 - 3 CENTER 1/4 NOT SEARCHED AND NOT SET.
 - 4 FD 1 IN I.P. I SCRIBED A 9 IN FIR 1/4 BT. IT IS N 75 E 21.8 FEET. I SCRIBED A 6 IN D. FIR 1/4 BT. IT IS S 23 1/2 W 4.9 FEET. SET NEW MONUMENT. ORIG BT IS SPRUCE STUMP WITH VISABLE SCRIBE MARKED BT AND IT BEARS S 8 W 27.1 FEET. FD SCHOOLMARM SPRUCE (REF 3). IT BEARS N 50 W 63.9 FEET (RECORD N 52 W 63.1). FD 32 IN HEMLOCK STUMP (REF 3). IT BEARS S 61 W 37.0
 - 5 FD 1 IN I.P. WITH 3 IN BRASS CAP. FD 22 IN HEMLOCK N 80 E 33.0 FEET WITH HEALED FACE FD 96 IN SPRUCE STUMP S 78 W 21.0 FEET.
 - 6 I SCRIBED A 8 IN HEMLOCK X-BT N 28 E 6.6 FEET. I SCRIBED A 5 IN ALDER X-BT S 36 E 5.7 FEET
 - 7 I SCRIBED A 47 IN HEMLOCK X-BT N 29 E 22.4 FEET I SCRIBED A 38 IN D. FIR X-BT N 81 W 53.2 FEET
 - 8 FD A 4 IN SQUARE WHITE POST VERY ROTTED AT BASE. IT BEARS NW 0.5 FT. FD 30 IN SPRUCE N 25 W 38.2 FEET WITH HEALED FACE FD ORIG 36 IN D FIR SNAG N 4 E 43 FEET TO FACE WITH VISABLE SCRIBE. I SCRIBED A 15 IN HEMLOCK S13 T20S R12W BT. IT IS N 3 W 38.1 FEET. I SCRIBED A 32 IN SPRUCE S24 T20S R12W BT. IT IS S 1 E 43.6 FEET. FD 60 IN SPRUCE STUMP S 31 30' W 26.2 FEET WITH TAG. FD ORIG 36 IN SPRUCE STUMP S 52 W 29.0 FEET WITH VISABLE CHOP MARKS. I SCRIBED A 6 IN HEMLOCK X-BT S 79 W 5.1 FEET. NO MONUMENT FOUND. SET NEW MONUMENT BASED ON W.G. CORBITT 1943 MEASUREMENTS. FD ORIG BT 46 IN D. FIR SNAG N 3 W 52.0 FT. FACE NOT OPENED. CRUISER MARKS. FD 30 IN SPRUCE OF UNKNOWN ORIGIN W/HEALED FACE N 25 W 38.2 FT.
 - 9 CORNER FALLS ON A SOUTH FACING ROCK SLOPE. SET A WITNESS CORNER TO THE NORTH OF THE TRUE CORNER. I SCRIBED A 72 IN SPRUCE X-BT S 38 E 29.4 FEET. I SCRIBED A 8 IN HEMLOCK X-BT S 31 W 3.5 FEET.
 - 10 FD A 1 IN IP WITH 3 IN BRASS CAP PER REF 3. FD 24 IN STUMP S 67 W 28.0 FEET WITH HEALED FACE (RECORD 8 IN HEMLOCK S 70 W 30.5). FD A 48 IN SPRUCE N 60 W 44.9 FEET WITH VISABLE SCRIBE (RECORD 50.6).

