SURVEY FOR JUNIPER PROPERTIES LIMITED PARTNERSHIP

SECTION 22 TOWNSHIP 23 SOUTH, RANGE 4 WEST, W.M.

SURVEYED: BY LONE ROCK TIMBER MANAGEMENT CO.

PO BOX 1127 ROSEBURG, OREGON 97470 SURVEY: J 23-4-22 TRACT

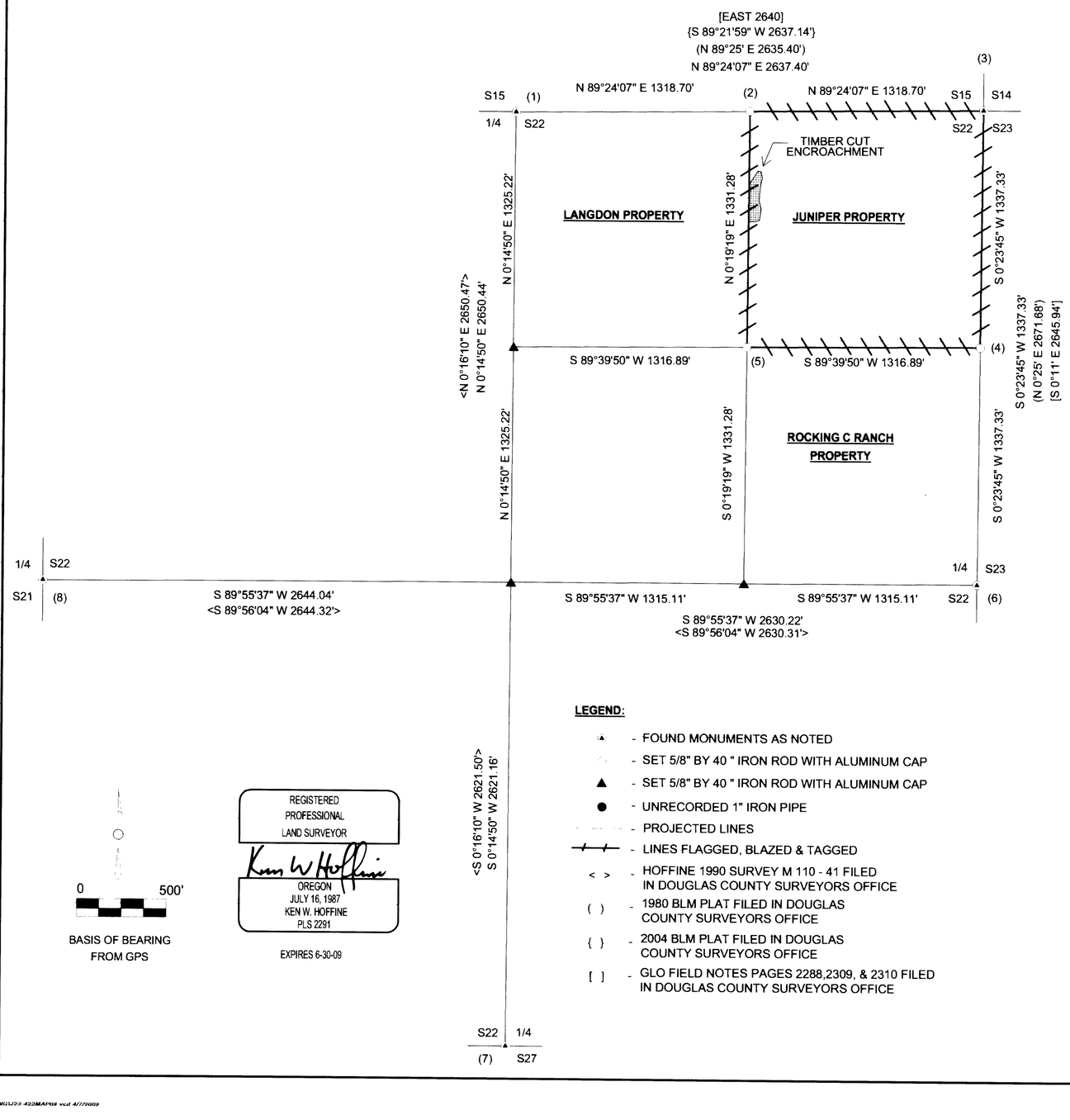
DOUGLAS COUNTY, OREGON DATE: FEBRUARY 2009

NARRATIVE:

THIS SURVEY WAS CONDUCTED TO ESTABLISH PROPERTY CORNERS AND LINES FOR TIMBER CUTTING PURPOSES. WE INITIATED THIS SURVEY BY ESTABLISHING GPS CONTROL POINTS IN SECTION 22. WE THEN RAN CLOSED LOOP RANDOM TRAVERSES AROUND THE NE 1/4 NE 1/4 AND TO THE 1/4 CORNERS OF SECTION 22. THE SW 1/4 OF SECTION 22 WAS SUBDIVIDED BY LONE ROCK IN 1990 (M110-41) WITH SOME SLIGHT DIFFERENCES FOR THE COMPUTED POSITION OF THE CENTER 1/4 DUE TO BETTER CONTROL WITH GPS IN 2009. WE ADJUSTED OUR 2009 CONVENTIONAL TRAVERSE AND GPS CONTROL USING A LEAST SQUARE ANALYSIS AND COMPUTED THE SUBDIVISION OF THE NE 1/4 OF SECTION 22. FROM OUR COMPUTATIONS WE SET THE NE 1/16; THE N 1/16 BETWEEN SECTIONS 22 AND 23, AND THE E 1/16 BETWEEN SECTIONS 15 AND 22. WE FOUND AN UNRECORDED IRON PIPE NEAR THE NE 1/16 CORNER AS NOTED ON THIS MAP. WE ALSO FOUND OLD BLAZES ON THE NORTH AND EAST SECTION LINES OF THE NE 1/4 NE 1/4 FROM PREVIOUS BLM SURVEYS. NO EVIDENCE OF PROPERTY LINE BLAZING OR FENCING WAS FOUND ON EITHER THE WEST OR SOUTH LINES OF THE NE 1/4 NE 1/4 OF SECTION 22. A SMALL CLEAR-CUT WAS CUT WITHIN SIX YEARS ACROSS JUNIPER'S WEST LINE APPROXIMATELY 500 FEET SOUTH OF THE E 1/16 CORNER. THE AREA IS APPROXIMATELY 200 FEET ALONG THE PROPERTY LINE AND APPROXIMATELY 60 FEET UNTO JUNIPER'S PROPERTY. THE SURVEY WAS DONE WITH TRIMBLE 4000 AND 4400 GPS EQUIPMENT AND A NIKON DTM 522 TOTAL STATION WITH GARY ANGIOLET, IGNACIO ROMAN AND DAVE RING, JR. ASSISTING ME.

FILED
Date: 4-14-2009 By: JC
This survey consists of:
Map: M159-8
Narrative:
Corner Rpt:
DOUGLAS COUNTY SURVEYOR

MAP FILE M159-8



LEGEND:

- ▲ - FOUND MONUMENTS AS NOTED
- - SET 5/8" BY 40 " IRON ROD WITH ALUMINUM CAP
- ▲ - SET 5/8" BY 40 " IRON ROD WITH ALUMINUM CAP
- ● - UNRECORDED 1" IRON PIPE
- - - - PROJECTED LINES
- —//— - LINES FLAGGED, BLAZED & TAGGED
- < > - HOFFINE 1990 SURVEY M 110 - 41 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
- ( ) - 1980 BLM PLAT FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
- { } - 2004 BLM PLAT FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
- [ ] - GLO FIELD NOTES PAGES 2288,2309, & 2310 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE

CORNER INFORMATION:

1) THE QUARTER CORNER BETWEEN SECTIONS 15 AND 22
FOUND 1976 BLM BRASS CAP.
-- 10" DOUGLAS FIR SNAG BEARS N41 1/2°E, 16.4 FEET (RECORD N41 3/4°E, 16.5 FEET) HEALED FACE AND TAG
-- 52" DOUGLAS FIR BEARS N6 3/4°E, 12.3 FEET (RECORD N5°E, 13.0 FEET) OLD AXE WORK
CORNER IS LOCATED APPROXIMATELY 20 FEET EAST OF OLD FENCE LINE AND APPROXIMATELY 200 FEETSOUTH OF ROCK ROAD.

2) THE EAST 1/16 CORNER BETWEEN SECTIONS 15 AND 22
SET 5/8" X 40" IRON ROD WITH 2 1/2" ALUMINUM CAP MARKED E 1/16 S15/S22 PLS 2291 2009.
-- 15" DOUGLAS FIR BEARS S69 3/4°W, 27.3 FEET, WE SCRIBE E 1/16 S22 B.T. AND TAG TREE
-- 14" DOUGLAS FIR BEARS N31 1/2°E, 10.3 FEET, WE SCRIBE E 1/16 S15 B.T. AND TAG TREE
CORNER SITS ON SOUTH FACING SLOPE AT SOUTH BOUNDARY OF RECENT BLM COMMERCIAL THINNING UNIT. PUT METAL FENCE POST APPROXIMATELY 1.0 FEET NORTH OF CORNER.

3) THE NORTHEAST SECTION CORNER OF SECTION 22
FOUND 2007 BLM BRASS CAP FROM PENDING BLM SURVEY.
-- 12" DOUGLAS FIR BEARS N49 1/4°W, 12.1 FEET (RECORD N49°W, 12.5 FEET) HEALED FACE AND TAG
-- 14" DOUGLAS FIR BEARS S81°W, 5.9 FEET (RECORD S75°W, 5.6 FEET) HEALED FACE AND TAG
-- 29" DOUGLAS FIR BEARS N54 3/4°E, 21.0 FEET (RECORD N54 1/2°E, 21.8 FEET) HEALED FACE AND TAG
-- 10" DOUGLAS FIR BEARS S50 3/4°E, 38.2 FEET (RECORD S50°E, 38.4 FEET) HEALED FACE AND TAG
CORNER SITS ON NORTH FACING SLOPE APPROXIMATELY 120 FEET SOUTH OF DRAW.

4) THE NORTH 1/16 CORNER BETWEEN SECTION 22 AND 23
SET 5/8" X 40" IRON ROD WITH 2 1/2" ALUMINUM CAP MARKED LONE ROCK TIMBER N 1/16 S22/S23 2009 PLS 2291.
-- 11" DOUGLAS FIR BEARS N21°E, 14.8 FEET, WE SCRIBE N 1/16 S23 B.T. AND TAG TREE
-- 12" DOUGLAS FIR BEARS N77 1/2°W, 17.5 FEET, WE SCRIBE N 1/16 S22 B.T. AND TAG TREE
CORNER SITS ON SOUTH FACING SLOPE APPROXIMATELY 60 FEET EAST OF RIDGE. PUT METAL FENCE POST APPROXIMATELY 1.0 FEET NORTH OF CORNER.

5) THE NORTHEAST 1/16 CORNER FOR SECTION 22
SET 5/8" X 40" IRON ROD WITH 2 1/2" ALUMINUM CAP MARKED LONE ROCK TIMBER NE 1/16 SEE 2009 PLS 2291.
-- 15" DOUGLAS FIR BEARS N4 1/4°W, 28.1 FEET, WE SCRIBE NE 1/16 S22 B.T. AND TAG TREE
-- 20" DOUGLAS FIR BEARS S7 1/4°W, 28.1 FEET, WE SCRIBE NE 1/16 S22 B.T. AND TAG TREE
-- 1" UNRECORDED IRON PIPE BEARS S87°05'E 42.04 FEET
CORNER LIES ON STEEP WEST FACING SLOPE APPROXIMATELY 50 FEET SOUTH OF DRAW. CORNER ALSO LIES AT WEST FACE OF 2' X 4' X 2' ROCK. PUT METAL FENCE POST APPROXIMATELY 1.0 FEET NORTH OF CORNER.

6) THE QUARTER CORNER BETWEEN SECTIONS 22 AND 23
FOUND 1976 BLM BRASS CAP WITH HAINES T-IRON ALONGSIDE.
-- 27" GRAND FIR BEARS S63 1/4°W, 19.7 FEET (RECORD S63°W, 20.1 FEET) HEALED FACE AND TAG
-- 20" DOUGLAS FIR BEARS S85 1/2°E, 46.0 FEET (RECORD S85 3/4°E, 46.5 FEET) HEALED FACE AND TAG
CORNER LIES ON FLAT SPUR RIDGE APPROXIMATELY 120 FEET SOUTH OF REPROD AND IN BLM TIMBER.

7) THE QUARTER CORNER BETWEEN SECTIONS 22 AND 27
FOUND 1976 BLM BRASS CAP.
-- 15" DOUGLAS FIR BEARS S0 1/4°W, 4.9 FEET (RECORD S1 1/2°E, 4.6 FEET) HEALED FACE AND TAG
-- 13" DOUGLAS FIR BEARS N78 1/2°W, 5.0 FEET (RECORD N80 1/2°W, 5.0 FEET) HEALED FACE AND TAG
-- 12" DOUGLAS FIR BEARS S74 1/2°E, 13.3 FEET (RECORD S73 1/2°E, 13.4 FEET) HEALED FACE AND TAG
-- 9" DOUGLAS FIR BEARS N19 3/4°E, 11.0 FEET (RECORD N20°E, 11.1 FEET) HEALED FACE AND TAG
CORNER LIES ON WEST FACING SLOPE APPROXIMATELY 110 FEET WEST OF ROCK ROAD.

8) THE QUARTER CORNER BETWEEN SECTION S21 AND 22
FOUND 1974 SHANER CAP.
-- 16" DOUGLAS FIR BEARS WEST 1.4 FEET AS PER RECORD LOCATION TAG
-- PP&L POWER POLE #28050 BEARS S73°E, 32.8 FEET AS PER RECORD
-- PP&L POWER POLE #28043 BEARS S66°E, 49.6 FEET AS PER RECORD
CORNER LIES IN EAST-WEST FENCE LINE IN POWER LINE RIGHT-OF-WAY.

MAP FILE M159-8

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