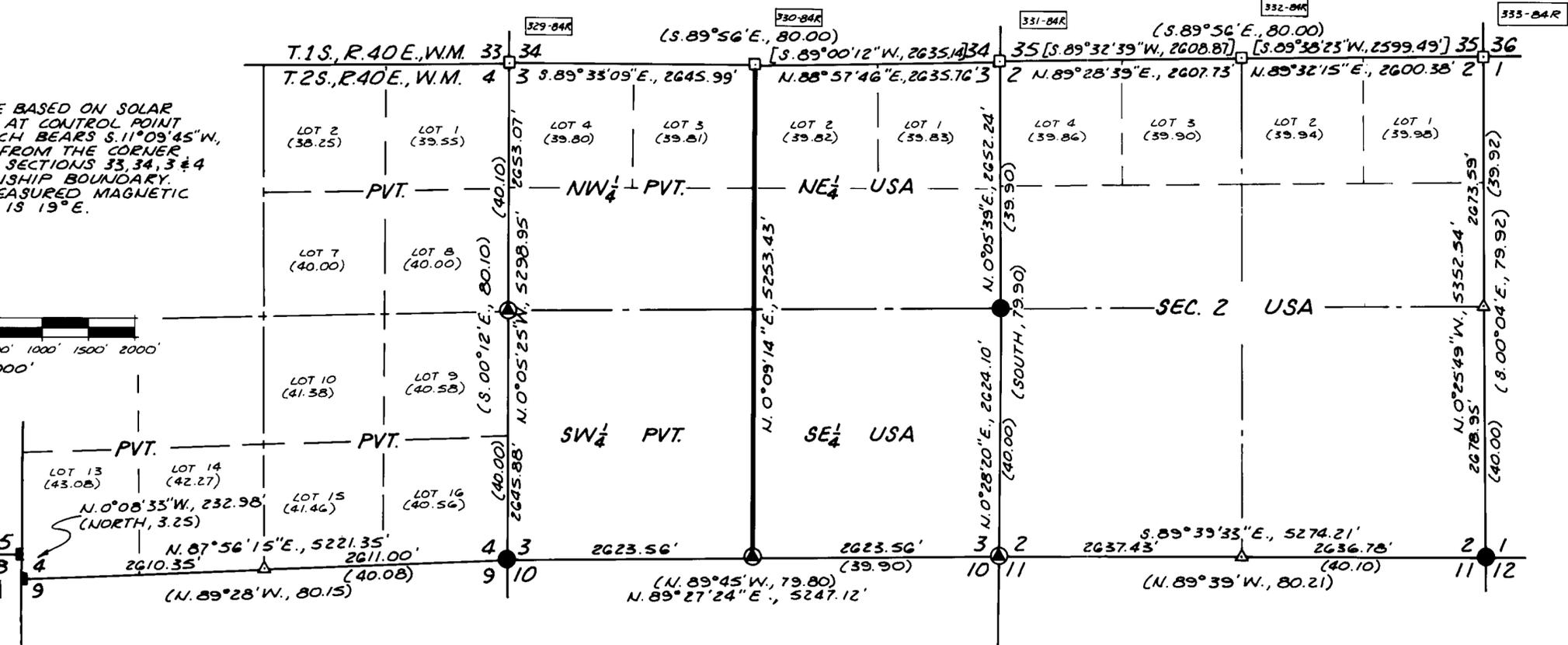


BEARINGS ARE BASED ON SOLAR OBSERVATION AT CONTROL POINT NO. 416 WHICH BEARS S.11°09'45"W, 1319.75 FEET FROM THE CORNER COMMON TO SECTIONS 33, 34, 35 & 36 ON THE TOWNSHIP BOUNDARY. THE MEAN MEASURED MAGNETIC DECLINATION IS 19° E.

NOTE: THE CORNER TO SECTIONS 4 & 9 ONLY WAS ESTABLISHED BY HENRY MELDRUM IN 1882 AT A POINT 160 CHAINS NORTH OF THE CORNER COMMON TO SECTIONS 16, 17, 20 & 21 AFTER DISCOVERING AN ERROR MADE BY DANIEL THOMPSON IN 1863 WHICH POSITIONED THE CORNER COMMON TO SECTIONS 8, 9, 16 & 17 AT A POINT 83.25 CHAINS NORTH OF THE SAID CORNER TO SECTIONS 16, 17, 20 & 21.



LEGEND

- FOUND A 2-INCH DIAM. GALVANIZED IRON PIPE WITH A 2 1/2-INCH DIAM. BRASS CAP ESTABLISHED BY BARRY B. BARBOUR, ORLS 1051, IN 1980.
- FOUND A 2-INCH DIAM. ALUMINUM OR GALVANIZED IRON PIPE WITH 2 1/2-INCH DIAM. ALUMINUM OR BRASS CAP (RESPECTIVELY) ESTABLISHED BY GARY L. LANGLITZ, ORLS 1099, IN 1981 OR 1985.
- FOUND ORIGINAL CORNER AND/OR ACCESSORIES PER OFFICIAL RECORD. SET 2-INCH DIAM. ALUMINUM PIPE 30 INCHES LONG WITH 2 1/2-INCH DIAM. ALUMINUM CAP ATTACHED.
- ⊙ NO TRACE OF ORIGINAL CORNER OR ACCESSORIES FOUND AND CORNER DECLARED LOST. AT PROPORTIONED POSITION, SET A 2-INCH DIAM. ALUMINUM PIPE 30 INCHES LONG WITH 2 1/2-INCH DIAM. ALUMINUM CAP ATTACHED.
- △ NO TRACE OF ORIGINAL CORNER OR ACCESSORIES FOUND - CORNER POSITION NOT REESTABLISHED.
- () RECORD OF ORIGINAL SURVEY PERFORMED BY HENRY MELDRUM UNDER GLO SURVEY NO. 450 DATED JUNE 11, 1882.
- [] RECORD OF RETRACEMENT SURVEY PERFORMED BY BARRY B. BARBOUR, ORLS 1051, AND RECORDED AS UNION COUNTY SURVEY NO. 57-81.
- XXX-XXX UNION COUNTY SURVEY NUMBER FOR CERTIFIED RECORD OF LAND CORNER MONUMENTATION.
- NATIONAL FOREST BOUNDARY MARKED WITH 6-FOOT LONG STEEL FENCE POST AND SIGN 54-2 (PROPERTY BOUNDARY) ATTACHED AND SPACED AT APPROXIMATELY 200-FOOT INTERVALS.

NOTE: FOR RECORD OF CORNER MONUMENTATION SEE CERTIFIED RECORD OF LAND CORNER MONUMENTATION FILED SEPARATELY.

FIELD BOOK REFERENCES:
FIELD BOOK NOS. 1, 2 & 3, LITTLE INDIAN CADASTRAL SURVEY.

NARRATIVE OF SURVEY

THIS RETRACEMENT AND DEPENDENT RESURVEY WAS PERFORMED BY WILLIAM L. HANLEY, ORLS 1639, UNDER CONTRACT WITH THE USDA-FOREST SERVICE FOR THE PURPOSE OF REESTABLISHING AND/OR REMONUMENTING CERTAIN LAND SURVEY CORNERS AND TO MARK THE BOUNDARY BETWEEN PRIVATE OWNERSHIP AND THOSE LANDS OF THE PUBLIC DOMAIN ADMINISTERED BY THE USDA-FOREST SERVICE. BOUNDARY LINES WERE ESTABLISHED BY OFFSET MEASUREMENT FROM SURVEY CONTROL POINTS AND MARKED AS STATED IN THE LEGEND TO THIS PLAT. FIELD INSTRUMENTS USED WERE A 6-SECOND THEODOLITE AND ELECTRONIC DISTANCE METER CONTAINED IN A SINGLE-UNIT MANUAL TOTAL STATION (NIKON NTD4) WITH ANGLES AND DISTANCES TAKEN TO REMOTE SINGLE PRISM ASSEMBLY ATTACHED TO A 4-FOOT TELESCOPING RANGE POLE PLUMBED WITH A 2-LEGGED BIPOD... BACKSIGHTS TAKEN TO A TACK IN A 3-FOOT LATH... MEASUREMENTS TO CORNER ACCESSORIES TAKEN WITH A STAFF COMPASS WITH 3-INCH NEEDLE AND 75-FOOT STEEL TAPE.

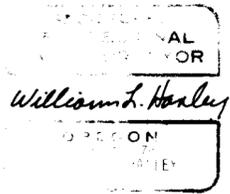
THE SEVERAL CORNERS IDENTIFIED BY THE LEGEND AS LOST WERE DILIGENTLY SEARCHED FOR AT THEIR CALCULATED POSITIONS FROM SURVEY CONTROL POINTS. THE CORNER TO SECTIONS 2, 3, 10 & 11 WAS REESTABLISHED BY DOUBLE PROPORTIONATE MEASUREMENT WITH RESPECT TO THE OFFICIAL RECORD AND THE RECOVERED CONTROLLING CORNERS 1/2-MILE NORTH AND 1-MILE EAST, WEST, AND SOUTH. THE QUARTER-SECTION CORNERS IDENTIFIED IN THE LEGEND AS BEING REESTABLISHED WERE POSITIONED BY SINGLE PROPORTIONATE MEASUREMENT WITH RESPECT TO ADJACENT CONTROLLING SECTION CORNERS.

HISTORY OF SURVEYS

THE NORTH BOUNDARY AND SUBDIVISION OF T.2S., R.40E., WAS PERFORMED BY HENRY MELDRUM UNDER GLO CONTRACT NO. 450 DATED JUNE 11, 1882. THE NORTH BOUNDARY OF THIS TOWNSHIP (SECS 2 & 3) WAS RETRACED AND REMONUMENTED BY BARRY B. BARBOUR, ORLS 1051 IN 1980 & 1981. GARY L. LANGLITZ, ORLS 1099, REMONUMENTED SEVERAL CORNERS AS IDENTIFIED IN THE LEGEND.

I, WILLIAM L. HANLEY, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON, DO HEREBY CERTIFY THAT THIS PLAT AND THE ACCOMPANYING CERTIFIED RECORD OF LAND CORNER MONUMENTATION ARE A TRUE REPRESENTATION OF A SURVEY PERFORMED BY ME AT THE REQUEST OF THE USDA-FOREST SERVICE IN FULL CONFORMANCE WITH THE STATUTES OF THE STATE OF OREGON AND WITH THE ARTICLES OF MY CONTRACT.

William L. Hanley
WILLIAM L. HANLEY
OREGON LICENSE NO. 1639
3120 GRANDVIEW DR.
P.O. BOX 824
BAKER, OREGON 97814
(503)-523-4325



RECORD OF SURVEY PLAT
LITTLE INDIAN CADASTRAL SURVEY
USDA-FOREST SERVICE CONTRACT NO. 53-04H1-G-0167N
SECTION 3, T.2S., R.40E., W.M.
Surveyed Sept. & Nov., 1987 & July, 1988 Scale 1"=1000'

UNION COUNTY SURVEYOR	
Date Received	9-22-88
Date Filed	9-23-88
By	G. LANGLITZ, DEPUTY
File No.	35-88