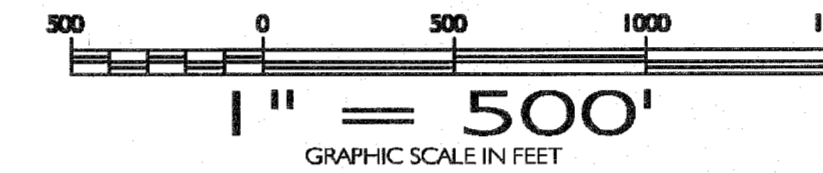
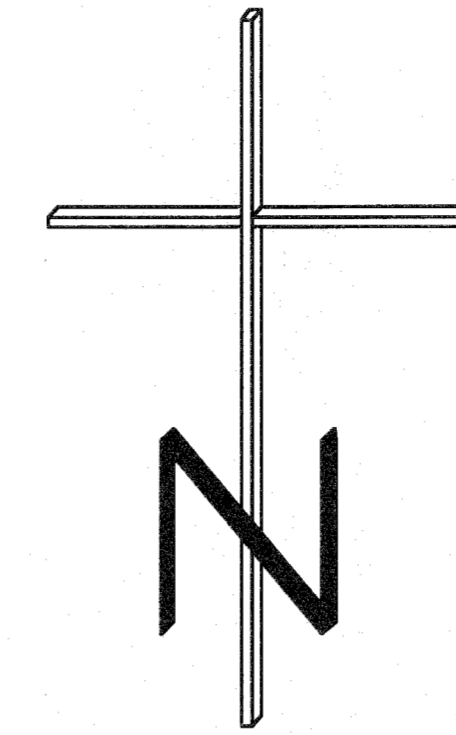


# CRUNCH CADASTRAL SURVEY

## WALLOWA-WHITMAN NATIONAL FOREST

### LEGEND

- (F) = FOUND OR MEASURED.
- (R1) = RECORD - GLO VOLUME R0257, 1881 H. GRADON
- (R2) = RECORD - GLO VOLUME R0256 1881 H. GRADON
- (R3) = RECORD - GLO VOLUME R0246, 1881 E. McCORMACK
- (R4) = HAMBLETON SURVEY OF SECTION 23, 1974 SURVEY NO. 11-38-34
- (R5) = MARTIN SURVEY OF SECTION 29, 1989, SURVEY NO. 11-38-87
- (R6) = MYERS SURVEY OF SECTION 28, 1971, SURVEY NO. 11-38-22
- = SET 2 1/2 X 30° ALUMINUM PIPE WITH 3" CAP FOR SECTION CORNER.
- = FOUND MONUMENT AS SHOWN ON CORNER MONUMENTATION FORM
- = SET 2 1/2 X 30° ALUMINUM PIPE WITH 3" CAP FOR 1/4 CORNER.
- = FOUND MONUMENT AS SHOWN ON CORNER MONUMENTATION FORM
- = SET 2 1/2 X 30° ALUMINUM PIPE WITH 3" CAP FOR 1/16 CORNER.
- = FOUND 1/16 CORNER AS SHOWN ON CORNER MONUMENTATION FORM
- = NATIONAL FOREST SYSTEM LANDS BOUNDARY LINE POSTED TO STANDARD.
- N.F.S.L. = NATIONAL FOREST SYSTEM LANDS
- PRIVATE = PRIVATE OWNERSHIP
- BLM = BUREAU OF LAND MANAGEMENT LANDS, NOT A PART OF THIS SURVEY



### HISTORY

The westerly boundary of Township 11 South, Range 38 East was surveyed by U.S. Deputy Surveyor Eugene P. McCormack, under contract No. 398. The survey commenced August 15, 1881 and final oaths were taken on October 15 of the same year. The township was subdivided by U.S. Deputy Surveyor Herman D. Gradon under contract No. 416, commencing on October 15, 1881 and completed October, 24 of the same year. Under the same contract while surveying Township 11 South, Range 37 East, in November of 1881 Gradon locates and refers to corners along the Township Line common the Townships 37 and 38.

Remonumentation of several original corners in T.11 S., R.38 E., by Owen C. Chatters, II & Peter A. Peterson, BLM Cadastral Surveyors occurred during 1971 and 1972 under U.S. Survey/group 350.

Leland Lee Meyers, PLS, Oregon Registration No. 699, surveyed Section 28, in July, 1971, the apparent purpose being to delineate Forest Boundary, although same is not stated on the plat. The east and west one-sixteenth corners common to sections 21 and 28 were found during this survey. Evidence of the north 1/16 corner common to Sections 27 and 28 was found but no monument existed. The south 1/16 corner common to said sections was found 6 feet more or less easterly of the appropriate location and was reset on this survey. Baker County Survey 11-38-22.

In 1983 G. Dennis Edwards, Oregon Registration 951, had cause to set the west 1/16 corner to Sections 15 and 22. The only available evidence of the survey is the Record of Corner Monumentation.

In September and October of 1974 James H. Hambleton, PLS, Oregon Registration No. 645, under contract to the U.S. Forest Service surveyed Section 23. The South one-sixteenth corner common to Sections 22 and 23 was recovered during this survey. Baker County Survey 11-38-34

In October and November of 1989 Clayton J. Martin, PLS, Oregon Registration No. 1910 had cause to survey Section 29 in a co-op survey with the U.S. Forest Service, contract no. 04M3-9-6055, and returns a measurement for the east one-half mile common to sections 20 and 29. Baker County Survey 11-38-87 thru 90

### NOTES

The basis of bearing for this survey is a series of solar observations, using the hour angle method, taken throughout the project and entered into a rigorous least squares adjustment.

Magnetic declination is 18 1/2 degrees as shown on U.S.G.S. Phillips Lake quadrangle.

This plat represents a record of a dependent resurvey of Sections 20, 21, 22, 27 and 30, T.11 S., R.38 E. and partial subdivision of each section, the purpose being to determine and mark the boundary lines between private ownership and National Forest System Lands.

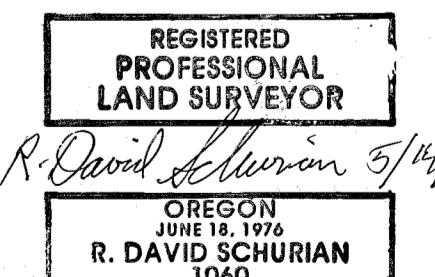
A Nikon A-5 Top Gun Total Station connected to a Tripod Data Systems 500T data collector was utilized to complete this survey. Computations were undertaken utilizing Star-Net Least Squares adjustment and Traverse PC coordinate geometry software.

The procedures used in this survey were in accordance with the contract specifications, the Manual of INSTRUCTIONS FOR THE SURVEY OF THE PUBLIC LANDS OF THE UNITED STATES 1973 and Oregon State law. Lost or obliterated corners were reestablished in accordance with the above referenced manual. A complete description of the corners found, set or reestablished can be found on Corner Record Forms filed with the County Surveyor. This plat represents field surveys shown in field books and on raw data sheets which are made a part hereof.

### SURVEYOR'S CERTIFICATE

This plat correctly represents a survey made by me or under my direction in conformance with the statutes of Oregon and at the request of the U.S.D.A. Forest service under Contract No. 53-04M3-6-0025A, Task Order No. 1, during the fall of 1196 and spring, summer and fall of 1997.

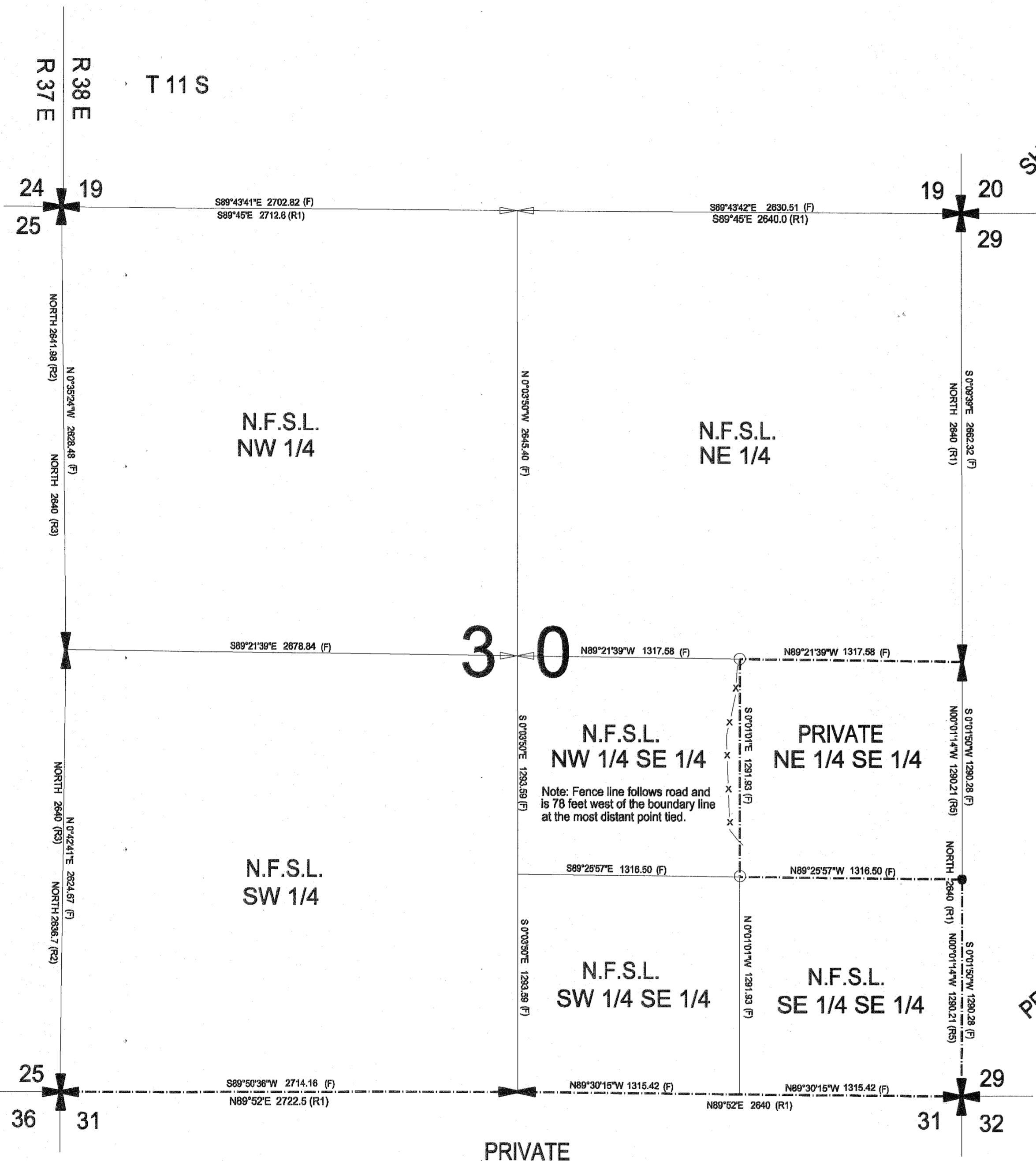
R. David Schurian, PLS  
Oregon Registration No. 1060



SHEET 1 OF 2

**RECORD OF SURVEY**  
SECTIONS 20, 21, 22, 27 AND 30  
TOWNSHIP 11 SOUTH, RANGE 38 EAST  
WILLAMETTE MERIDIAN,  
BAKER COUNTY, OREGON

**Western OUTBACK** INCORPORATED  
LAND & MINERAL SURVEYORS  
1440 W. RANCHO FELIZ PL., TUCSON AZ., 85737-2354  
PHONE & FAX (520) 544-4333



SHEET 2 OF 2

PRIVATE

EXAMINED AND ACCEPTED FOR THE U.S. FOREST SERVICE  
THIS 22 DAY OF MAY, 1998  
Roger A. Lee COR  
I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE WALLOWA-WHITMAN NATIONAL FOREST SUPERVISOR  
William R. Smith 5/22/98  
SIGNATURE DATE

FILED May 26, 1998  
BAKER COUNTY SURVEYOR  
SURVEY NO. 11-38-105