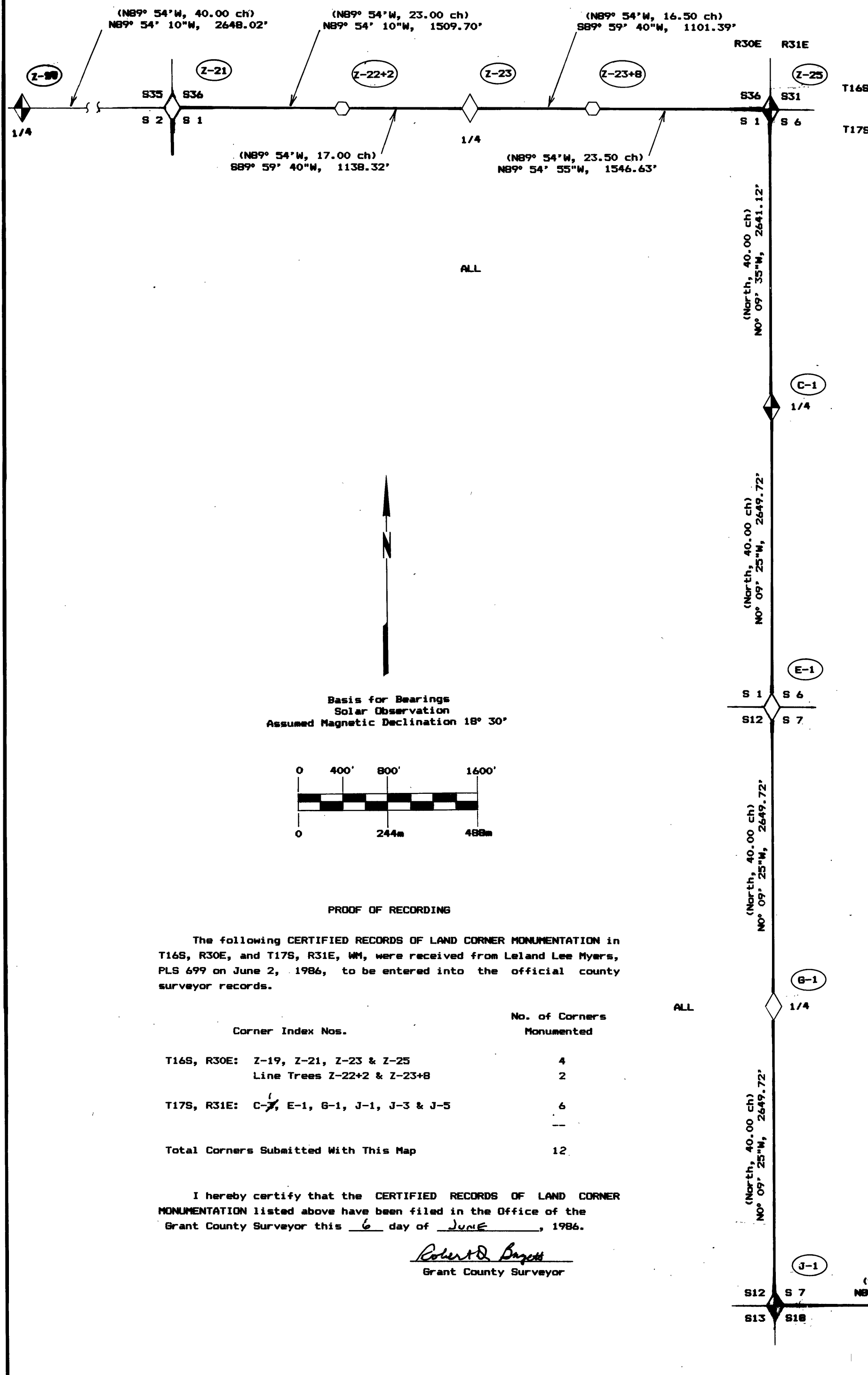


MAP OF SURVEY

Forest Boundary Between Section 36, T16S, R30E,
Sections 1 & 12, T17S, R30E, and Sections 6, 7 & 18, T17S, R31E, WM



NARRATIVE OF SURVEY

Purpose of Survey
The purpose of the survey was to mark and post the National Forest boundary between Section 36, T16S, R30E, Sections 1 & 12, T17S, R30E, and Sections 6, 7 & 18, T17S, R31E, WM, by monumenting all found controlling corners & line trees, monumenting four corners re-established by survey and marking the property lines with steel fence posts set at a maximum interval of 250 feet with Property Boundary Signs attached.

Survey History
The South line of T16S, R30E, was surveyed by Baefford Robb, US Deputy Surveyor, under Joint Contract No. 357 dated July 2, 1880. The West line of T17S, R31E, and the subdivision of the township was surveyed by S.W. Lackland, US Deputy Surveyor, under Contract No. 384 dated March 29, 1881. No evidence of any other survey was found in the area of this map except line running for cutting timber.

Survey Method
The survey method used was random closed traverse that included all the found and monumented corners. Property lines were posted by offsets from the random traverse to the true line. A solar observation was taken to establish a basis for bearings. Horizontal angles were measured to the right and doubled. The horizontal distance was measured from both ends of the line and averaged if the difference was less than 0.10 foot, otherwise, the distance was checked to determine the cause of the discrepancy.

Equipment Used
The instrument used was an OMNI Total Station with a built-in data collector. Data was transferred to a TRS-80 Model 100 computer with a PICDISC disk drive which reduced the data, balanced the traverse, if within the survey standards specified in the contract and Oregon state law, and executed all computations. Traverse data and computations were printed out on an Epson MX 100 printer. The data and all point coordinates have been saved on disk or cassette tape. A staff compass and 75' steel tape were used to determine the distance and bearing to most of the BTs.

Survey Evaluation
Evidence of two original line trees was found on the South line of Section 36 and was used to align the lost section and 1/4 corners. Due to the line tree record distance being to the nearest one-half chain they were not used to proportion the distance between corners. Five other line trees along the lines of this survey either were not positively identified or do fall on the property line as surveyed. The fence along the township line is within 10' to one side or the other of the line as posted. The fence along the range line varies up to 30' on each side of the line as posted. The fence in the west half mile on the south side of Section 7 is on at the quarter corner then gradually veers to the South and follows the north edge of a meadow, being the easiest place to build the fence. This fence is about 100' South of the line near the southwest corner of Section 7.

The CERTIFIED RECORDS OF LAND CORNER MONUMENTATION as recorded in the office of the Grant County Surveyor indexed on this map and as shown on the following Proof of Recording for each corner set by this portion of the survey are hereby made a part of this narrative to provide detailed corner information. All recorded documents for this project contain the Forest Service contract number as shown in the CERTIFICATION as a cross reference and identifier for this survey.

Respectfully submitted this 2nd Day of June, 1986.

CERTIFICATION

I, Leland Lee Myers, a Professional Land Surveyor registered in the State of Oregon, office located at 587 E. Auburn St., P.O. Box 98, Supter, OR 97877, do hereby certify that I did perform this survey March 23 to May 28, 1986, as a contractor at the request of the USDA-Forest Service by Rail Cadastre Survey Contract No. 53-04H1-5-0125N and that the information shown hereon is correct to the best of my knowledge.



RECEIVED AND
FILED
JUN 6 1986
OFFICE OF COUNTY SURVEYOR
Robert D. Burgess
Attest: *J. L. Wiles*

Section & 1/4 Corners Set by Found Evidence	
Section & 1/4 Corners Set by Survey	
Line Tree Angle Point	
Posted National Forest Boundary Lines	
Section Lines	
Legal Subdivision of USFS Property	ALL
Record Bearing & Distance in Parentheses	(North, 40.00 ch)
Certified Corner Record Index No. See Corner Restoration Records	E-1

All Monuments Set This Survey Are 2" Aluminum Pipe with 3/4" Aluminum Cap