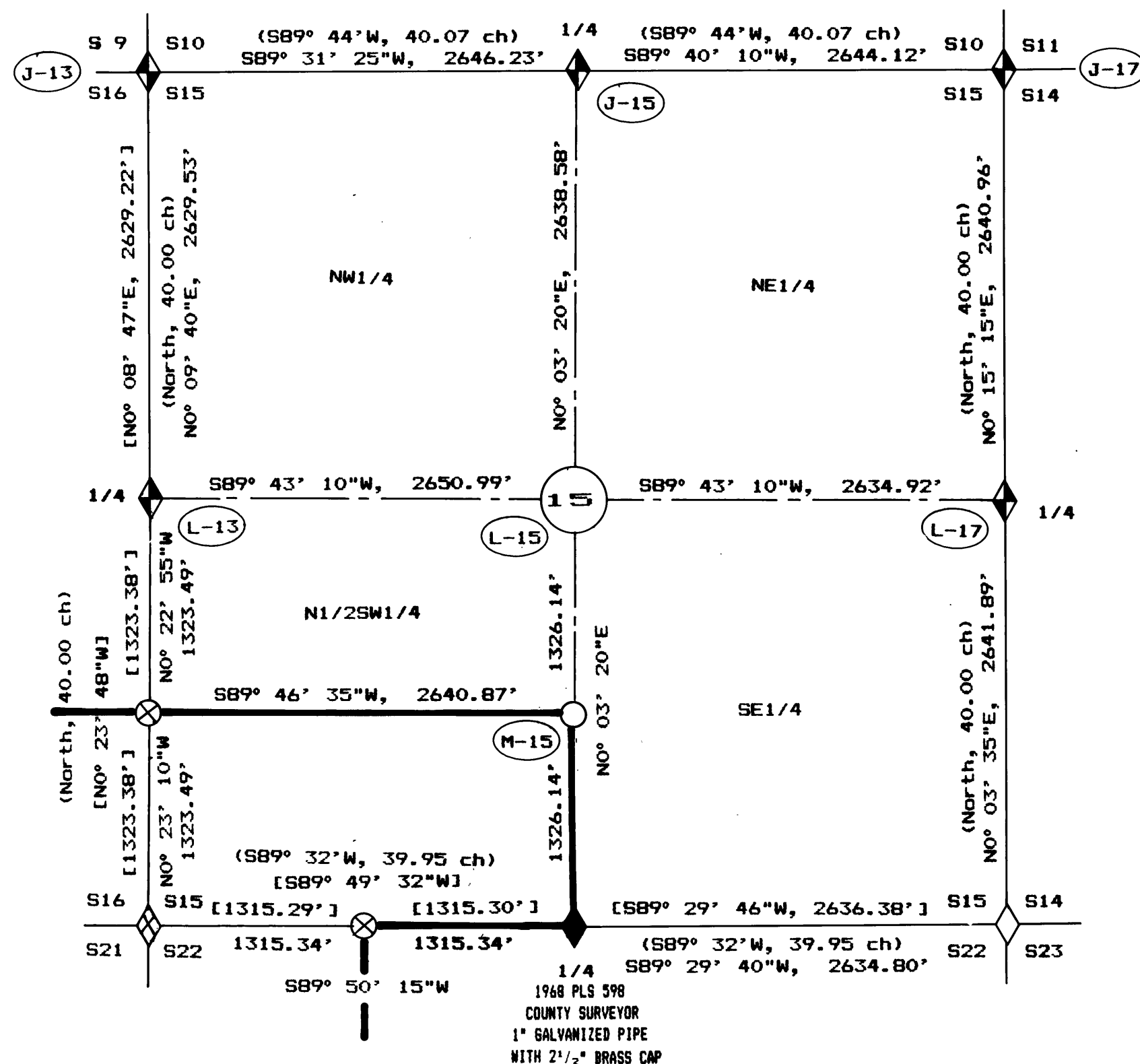


# MAP OF SURVEY

SUBDIVISION OF SECTION 15, T11S, R35E, WM



## LEGEND

Monuments Set are 2" Aluminum Pipes with 3 1/4" Aluminum Caps

## PROOF OF RECORDING

The following CERTIFIED RECORDS OF LAND CORNER MONUMENTATION in T11S, R35E, WM, were received from Leland Lee Myers, PLS 699 with this Map of Survey to be entered into the official county surveyor records.

Corner Index Nos.	No. of Corners Monumented
T11S, R35E: J-13, J-15, J-17, L-13, L-15, L-17, M-15	7
Total Corners Submitted With This Map	7

I hereby certify that the CERTIFIED RECORDS OF LAND CORNER MONUMENTATION listed above have been filed in the Office of the Grant County Surveyor this 6 day of April, 1987.

*Robert D. Baggett*  
Grant County Surveyor

## NARRATIVE OF SURVEY

### Purpose of Survey

The purpose of the survey was to establish section lines and subdivide Section 15, T11S, R35E, WM, to delineate Forest Service lands from private by monumenting all found controlling corners, monument new corners 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

Herman D. Graddon and Bamford Robb, US Deputy Surveyors in a joint contract No. 383 dated March, 1881 subdivided T11S, R35E. James Hanley, RPE 2808, subdivided Sections 16 & 22 by Grant County Survey No. 469 in 1977. Found Section 21 to have been subdivided by Mr. Hanley in 1976, but could not find a recorded map of survey. See the Survey Evaluation section of this narrative below for additional information about Mr. Hanley's surveys. The south one-quarter corner of Section 15 was set by the County Surveyor, Robert D. Baggett, LS 598, in December, 1968.

### 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

I found original corner evidence for the west quarter corner of Section 15 that had been overlooked by Mr. Hanley (See the Certified Corner Record for details) which has resulted in the need to reset all interior corners to Sections 16, 21 and 22. It was necessary for Mr. Hanley to proportion the section corner common to Sections 15, 16, 21 & 22, and the finding of the quarter corner changes the proportioned section corner location by nearly 8 feet.

Mr. Hanley will be correcting these surveys in the spring of 1987. Work load prevented his being able to do the work this past fall. He plans to replace the 1" galvanized pipe with 2 1/2" aluminum caps stamped RPE 2808 with 1" galvanized pipe with 2 1/2" brass cap stamped PLS 1206. The 3 corners shown on this map which are to be reset by Mr. Hanley were not needed to subdivide Section 15 and set the C1/4 and CS1/16. They were used to post the property line to the nearest foot. The bearings and distances are informational only showing the results of a rotated coordinate shift using information provided by Mr. Hanley applied to my coordinates of the monuments as found at the time of this survey. The actual corner shift data will be left for Jim Hanley's map to be submitted this spring or early summer.

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 19<sup>th</sup> day of February, 1987.

## 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, Sumpter, OR 97877, do hereby certify that I did perform this survey July 16 to November 30, 1986, as a contractor at the request of the USDA-Forest Service by Dad Cadastral Survey Contract No. 53-04H1-4-9667N and that the information shown hereon is correct to the best of my knowledge.

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

OREGON  
JULY 9, 1985  
LELAND LEE MYERS  
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