OF Section 1, T15S, R34E & Sections 3, 4, 7, 18 & 20, T15S, R35E, WM, Grant County, Oregon

PRIVATE

S18 J-3

USFS

N88°31'40"E, 2819.86'

(N89°44'E. 43.90 ch)

(L-1)

R34E

1987 PLS 699 2" ALUMINUM PIPE

WITH ALUMINUM CAP

BASIS FOR BEARINGS

Tied to McCoy Cadastral Survey

performed by me in 1987

with a Solar Observation

at the SE corner of S18, T15S, R35E

0 300 600 1200 1800 2400 3000 3600

FEET

S89*59'20"E, 2701.83'

(N89°44'E. 40.00 ch)

N89*15'40"E, 2638.14'

1987 PLS 848

2" ALUMINUM PIPE-

WITH ALUMINUM CAP

N-3

S19

PRIVATE

WITH ALUMINUM CAPS

(WEST, 39.95 ch)

N89°51'30"W, 2645.76'

S20 1/4

USFS

PROJECTED

1980 PLS 980

2" GALVANIZED PIPE

WITH BRASS CAP

(L-5)

1/4

S19

P-5

NARRATIVE

PURPOSE OF SURVEY

The purpose of the survey was to subdivide Section 24. T14S. R34E, and Section 31, T14S, R34E; to and retrace the section lines of Sections 21, 23, 27, 35 & 36, T14S, R34E, Section 19 and a portion of Section 17, T14S, R35E, Section 1, T15S, R34E, and Sections 3, 4, 7, 18 and 20, T15S, R35E, WM. Grant County. Oregon, to delineate US Forest Service resource lands from the Strawberry Wilderness Area and private lands by monumenting all found controlling corners, re-establishing lost corners, monumenting new corners established by survey and marking the property lines and wilderness boundary with steel fence posts set at a maximum interval of 250 feet with Property Boundary or Wilderness Boundary signs attached.

SURVEY HISTORY

Due to the rough terrain, only the north half of T14S. R34E was surveyed by S. W. Lackland by Joint Contract No. 357 deted July, 1880. Later the south half of the same township was surveyed by Homer D. Angell by Contract No. 726 dated July, 1901. These two surveys had discrepancies which caused standard and closing corners through the center of the township. Section 21 of this township had a retracement survey by Thomas Scherner, PLS 1657, as shown on Grant County Map of Survey No. 697 dated October, 1981. Section 23 of T14S, R34E, was retraced by Duane Griffith, PLS 644, as shown on Grant County Map of Survey No. 696 dated September, 1981.

The east boundary and the subdivision of Ti5S, R34E was surveyed by Homer D. Angell by Contract No. 725 dated March. 1901. T14 & 15S. R35E was originally surveyed by George R. Campbell by Contract No. 724 dated June, 1901. Howard E. Taylor, RPE 2891, perpetuated a number of corners from original evidence in these townships in the summer of 1957 and his notes are on record at the Grant County Surveyor's Office. Grant County Map of Survey No. 647 dated December, 1980, by Edgar Graves established two 1/256th corners on the south line of Section 31. T14S, R35E.

During 1991, the BLM surveyed several sections in Ti4S, R35E, including Section 34. I was provided with computation data and a sketch map of this survey which is not yet recorded with the Grant County Surveyor. The data shown on this plat is from the information provided.

SURVEY METHOD

The survey method used were random closed traverses that included all the found and monumented corners. Property and wilderness lines were posted by offsets from the random traverses to the true lines. This survey was tied to enother performed by me in 1987 at the SW corner of Section 18, T15S, R35E, and was the Basis for Bearings from the solar observation taken at that time. Horizontal angles were measured to the right and doubled. The horizontal distance was measured from both ends of each traverse 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 Tandy 4000 personal computer which reduced the data, balanced the traverse if within the survey standards specified in the contract and Oregon state law. executed all computations and plotted the survey plats on a Houston Instrument DMP-52 plotter. Traverse data and computations were printed out on an Epson MX100 printer. The data and all point coordinates have been saved on disk. The total station was used to determine the distance and bearing to the Bearing Trees.

SURVEY EVALUATION

No problems of particular consequences were found during the performance of this survey. Only three quarter corners were proportioned as no original evidence could be found for them. Closing corners were monumented on the true line as determined by the standard corners.

The north closing quarter corner for Section 2. T15S. R34E. was found but not monumented by this survey as it was not needed. A steel fence post was driven in beside the stone with an Attention sign attached and Bearing Tree and Attention signs were attached to the down BT. The north closing quarter corner for Section 1 was not found and was not essential for this

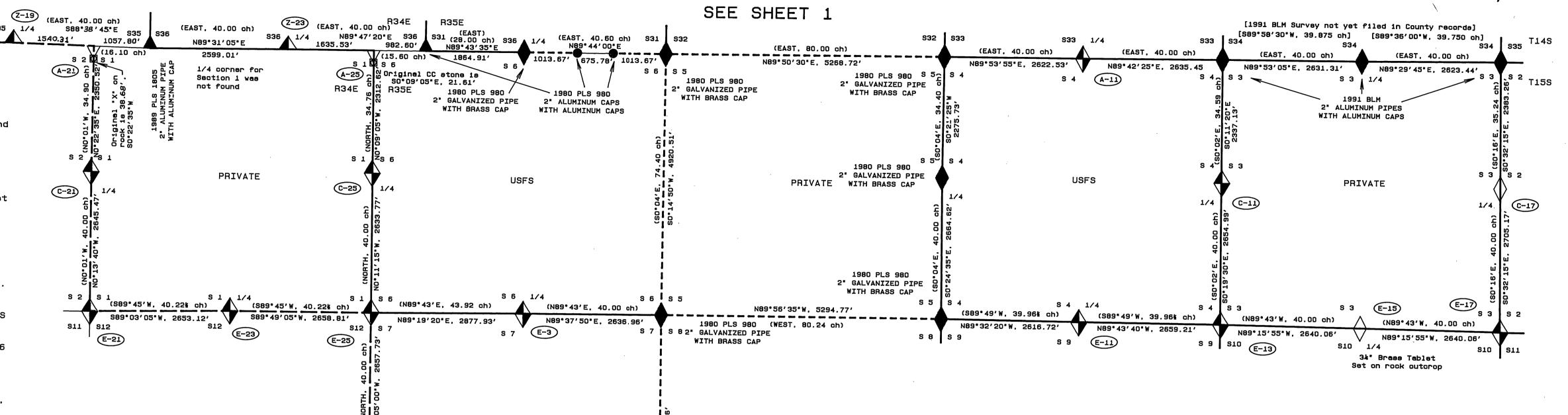
There are several section lines which were not surveyed with quarter corners, but I have shown my computed distance and bearing between those section corners for informational purposes

only. All bearings are rounded to the nearest five seconds. Much of this survey in Section 1, Tiss, R34E, and Sections 7, 18 and 20, T15S, R35E, was in the Snowshoe Forest Fire. The fire occurred between the time of traversing and marking the lines. but all points were recovered due to the use of 60d spikes to mark the traverse points.

The SE corner of Section 3, T15S, R35E, falls in Baker County. Therefore a Certified Record of Land Corner Monumentation will be filed in both Grant and Baker Counties for this corner, but the Proof of Recording is only from Grant County.

The CERTIFIED RECORDS OF LAND CORNER MONUMENTATION as recorded in the office of the Grant County Surveyor indexed on this plat and as shown in the Proof of Recording for each corner set by this 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 ___ day of _____. 1992.



LEGEND

Section & 1/4 Corners Previously Set Section & 1/4 Corners Set by Found Evidence Section & 1/4 Corners Set by Survey Section Subdivision Corner Previously Set Witness Corner Set by Found Evidence Section Subdivision Corners Set by Survey Original Closing Corners Monumented by Others Found Original Closing Corners Not Monumented Posted Wilderness Boundary Lines Posted National Forest Boundary Lines NF Boundary Not Posted This Survey ------Section Lines Center of Section Lines -----Projected Lines ------Record GLO Bearing and Distance (N89°48'W, 39.75 ch) Legal Subdivision of USFS Property NE1/4SW1/4 Certified Corner Record Index No. (V-13) See Corner Restoration Records Monuments Set this Survey are 2" Alum. Pipes with 2½" Alum. Caps except as noted on the S1/4 Corner of Section 3. T15S. R35E

S20 1 S21

S31 S32

The following CERTIFIED RECORDS OF LAND CORNER MONUMENTATION in T14S. & T15S, R34E & R35E, WM, were received from Leland Lee Myere, PLS 699 with this Map of Survey to be entered into the official county surveyor

No. of Corners Corner Index Nos. T14S, R34E: N-15C, N-21C, N-22C, N-23C, N-24C, P-22, P-23, P-24, R-15, T-13W, T-17, V-13, V-15, V-23, X-17, Z-17, Z-19, Z-23, N-23S T14S, R35E: L-5, N-1, N-3, N-5, P-1, P-5, R-1, R-3, T-1, V-1, V-3, X-1, Y3-33, Y3-44 T15S, R34E: A-21, A-25, C-21, C-25, E-21, E-23, E-25 T15S, R35E: A-11, C-11, C-17, E-3, E-11, E-13, E-15, E-17, G-1, J-1, J-3, L-1, L-5, N-3, N-5, P-5 16 Total Corners Submitted with This Map

I hereby certify that the CERTIFIED RECORDS OF LAND CORNER MONU-MENTATION listed above have been filed in the Office of the Grant County Surveyor this 30 day of ~ ~ov. Robert D Bagest

Grant County Surveyor

CERTIFICATION

I, Leland Lee Myers, a Professional Land Surveyor registered in the State of Oregon, office located at 587 E. Auburn St., PO Box 98. Sumpter, OR 97877, do hereby certify that I did perform this survey from July 15, 1990 to October 28, 1991 at the request of USDA-Forest Service by Call Cadastral Survey Contract No. 53-04KK-9-02544 and that the information shown hereon is correct to the best of my knowledge.

REGISTERED **PROFESSIONAL** LAND SURVEYOR eluel Xel II LELAND LEE MYERS

Examined and Accepted for the U.S. Forest Service this 23rd day of

I certify that the survey was performed at the request of the

SHEET 2 OF