(\$89°54'W) ★ <\N89°41'46"W> N'89°37'20"W (S89°54'W) N86° 29'14"W 407.07m 1335.54 40 **\***€33534> 407.07 m 779.74m (1320.00) (2640.00) Found Brass cap monumer by PLS 598 in 1971. Found G.L.O. brass cap stamped: TI4S R3IE R32E S11S6 S11S6 N 89°01 27"W N89°01. 27"W 1322.04 402.96 m 1322.03 402.95 m as set in 1986 by PLS 598 from original evidence. See map of survey no. 956, refers to this survey. 1308.61 398.86m (c-22) N 88°27'25"W S 89° 27' 25"E 2584.94 There is no trace of the original stone found. There are no accessories originally established. Since the corner on a steep slope, it is determined that the corner is lost to erosion. Reestablished corner position at proportionate measure between the section corner found (N89° 44′ W ) N 88° 36' 55"w (N89°44"W) N88°36'55"w 2614.90 797.02m (2626.80) " X-SI2-1-S7-X (2626.80) The corner stone or mound is not identified. There are no accessories Found brass cap monument as set in 1986 by PLS 598 originally established. Corner is established at proportionate measure, 1/2 mi. East and the section corner found 1/2 mi. West. from original evidence. See map of survey no. 956, by PLS 598, refers to this No evidence is identified. There are no accessories originally established. Reestablished the corner at proportionate measure between the section corner found I mi. North and the section corner found I mi. No trace of original post is remaining. Found a 32" Pine stump with "1/45" scribing visible, and conforming the sec. II Bearing Tree. Found Pine with "4" scribing visible, and conforming the sec. 12 Bearing Tree. Reestablished corner at best fit from these trees. N 88° 39' 19"W N 88°39'19"W 308.16 398.73m 398.73 m 795.66 m The original stone is not identified. No trace of original bearing tree is remaining, logging has apparently removed all traces of evidence. Reestablished corner position at proportionate measure between the sec. cor. found 1 1/2 mi. North and the sec. cor. found 1/2 mi. South. N89°19'39"W N89° 19'39"W 399.89m 1311.98 399.89 m Found brass cap mon-ument as set in 1972 from original evidence by PLS 598. See map of survey no. 274. Found brass cap monument set from original evidence in 1972 by PLS 598. See map of survey no.274. (89°40'W) \*[N89°59'02W] \*[N89°59'02'W] \*[N87°24'22"W] N89° 59' 45' W N89°59' 45"\ N87°23',27"W **SI3** 1315.99 \_ 401.11m 1315.99 **\***[i316.23] **₩**[]316.22] SI3 \*[2607.76] (2643.96)

SUBDIVISION OF SECTIONS 1, 12,13, & 24, T.15S R.31E W.M. GRANT COUNTY OREGON

Survey Records.

County Survey Records.

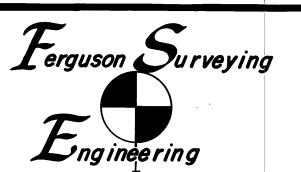
the Grant County Survey Records.

the Grant County Survey Records.

FOR: USDA Forest Service

BY Douglas M. Ferguson, Ken Delano, D. Mitchell Ferguson
DRAWN BY Mollee Ferguson Wood

PORTION OF IZEE CADASTRAL SURVEY



**HISTORY** 

In 1880, Bamford Robb, under General Land Office Contact No. 357 made the original survey of the Range Line between T.15S., R.31 & 32E., and subdivided T.15S., R.31E., as pertain to this survey.

In 1971, R.D. Bagett retrace the North line of Section 1, T.15S., R. 31E., as shown on Map of Survey No. 245, of the Grant County

In 1972, R.D. Bagett retraced the boundary of and subdivided Section 13, T. 158., R. 31E., as shown on Map of Survey No. 274, of

In 1976, R.D. Bagett retraced the East lines of Sections 24 and

25, T. 15S., R. 31E., as it effects this survey and shown on Map of

In 1977, R.D. Bagett retraced the North lines of Sections 1 & 2,

T. I 5S., R.3IE., as shown on Map of Survey No. 467 of the Grant

In 1986, R.D. Bagett retraced the West line of Section 1, T. 15S.,

R.31E., as is pertinent to this survey and shown on Map of Survey

In 1986, R.D. Bagett retraced the N 1/2 of the West line of

Section 13, T.15S., R.31E., as shown on Map of Survey No. 961, of

In 1987, this Surveyor, Douglas M. Ferguson retraced the line between Sections 24/19 and 13/18, T. 15S., R. 31832E., as pertinent

to this survey and shown on Map of Survey No. 1021 of the Grant

County Survey Records. Refer to that survey for the retracement along the

lines between sections 13/18 & 24/19. The difference in bearings along those lines as reflected by this map is due to convergence between the center

Strain of the

EXAMINED AND ACCEPTED FOR THE U.S. FOREST SERVICE

I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE

THIS 3 LAT DAY OF January 1989

REQUEST OF THE\_

NATIONAL FOREST SUPERVISOR

Survey No. 398, of the Grant County Survey Records.

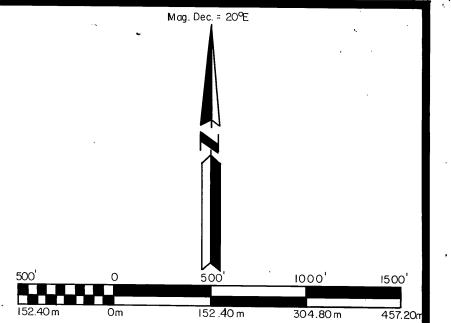
line of sections 18 & 19 and the center line of this project.

No. 956 of the Grant County Survey Records.

## LEGEND

- Found 31/2" aluminum cap monument
- O Set 2-1/2"x 30" aluminum pipe with 3-1/2" aluminum cap, stamped as shown under Monumentation. (See Sheet 2 of 2)
- Found 5/8" Iron pin monument of record.

  Bearing or Distance of record as reported by PLS 598 on map of
- Bearing or Distance of record as reported by PIS 598 on man a
- Bearing or Distance of record as reported by PLS 598, on map of survey no. 274.
- ) Bearing or Distance of record as reported by the original
- Bearing or Distance of record as shown on map of survey no. 1021. (52" convergency west between this map & map of survey no. 1021)
- Bearing or Distance of record as reported by PLS 598, on map of survey no. 956.
- > Bearing or Distance of record as reported by PLS 598, on map of survey no. 467.
- Marked forest boundary by steel post with boundary signs at max. intervals of  $\approx$  250.
- Found 3" brass cap monument



SCALE: 1 500 '
BASIS OF BEARING

SOLAR OBSERVATION WITH TRUE MERIDIAN THROUGH & SECTIONS 1, 12, 13, & 24.

## NARRATIVE

This Survey is performed under contract for the Malheur National Forest, the purpose of which is the establishment and marking of the Forest Boundaries as shown on this map.

In order to perform the required subdivisions, The Boundaries of Sections 1,12,13 & 24 are retraced. All monumentation as performed by R.D. Bagett in 1971, 1972, 1976 & 1986 are found, and all monuments as established by this surveyor in 1987 are found. The retracement of Section I and subsequent search for needed corners reveals that the SE Corner, the S1/4 corner and the East 1/4 corner are all lost. The SE Corner is then established at proportionate measure between section corners found I mi. North and South and the lost 1/4 corners are set at proportionate measure as shown. In retracing section 12, the East 1/4 corner is determined to be lost and is established at proportionate measure between the previously established section corner 1/2 mi. North and the Section corner found 1/2 mi. South. The boundaries and subdivision of section 13 as shown on Map of Survey No. 274 are retraced and monuments as shown on that survey are recovered and the required subdivision of that section is completed. The retracement and search in Section 24 show the South & West 1/4 corners to be lost, those corners are established at proportionate measure between the section corners 1/2 mi. each way from the lost corners.

The required subdivisions are then performed, monuments set and lines posted as shown.

The "CERTIFIED RECORD OF LAND CORNER MONUMENTATION" forms as referenced to this Map and the notes shown on the Map should be considered a substantial part of this "NARRATIVE", as they contain the detailed information as to the evaluation of evidence and monumentation work performed.

Positional control for this survey is provided by a closed traverse network. LIETZ SDM 3E, Electronic tacheometer is used to obtain the measurements and HP-86B computer system is used to perform the computations. Field Notes and computations are on file in the office of "FERGUSON SURVEYING & ENGINEERING" Mt. Vernon Oregon.

I, Douglas M. Ferguson, Registered Professional Land Surveyor, in the State of Oregon, hereby certify that this plat, notes and records hereon or referenced are a correct representation of the survey I performed during, March and April 1988 for the U.S. Forest Service, in accordance with the statutes of the State of Oregon and the articles of my contract, No. 53-04HI-6-0122N

Douglas M. Ferguson , Or. PLS 848.



PECEITED AND
FILLED
FILLED
FOR 2 B 1989
FORFICE OF COUNTY SURVEYOR