

A PORTION OF "HORNET CADASTRAL"

SUBDIVISION AND DETERMINATION OF
FOREST BOUNDARY IN SECTION 1,
T.17S., R.31E., W.M.,
GRANT COUNTY, OREGON

Survey by: Douglas M. Ferguson, P.L.S. 848
D. Mitchell Ferguson, Surv. Tech.
Rick Saul, Surv. Tech.

Reviewed by: Susan E. Newstetter, P.L.S. 2405

Drawn by: Kenneth H. Delano Jr., Surv. Tech.

For: U.S.D.A. Forest Service
Malheur National Forest

NARRATIVE

This survey was performed under contract for the Malheur National Forest for the purpose of marking and posting the Forest boundary in Section 1, T.17S., R.31E., W.M.

In order to perform this survey the control survey was run through all of the controlling corners. I recovered original corner evidence at the south 1/4 corner for Section 1 and remonumented that corner's position.

At the west 1/4 corner, the monument set by George Colvin, PLS 1020, in 1986 had been destroyed. I remonumented this corner's position based on a best fit from the original bearing trees and Mr. Colvin's bearing trees. All other controlling corners had been previously remonumented as indicated in the History.

All lotting shown on my map of survey is based on the parenthetical distances determined from the original plat for this township approved November 28, 1883 by the Surveyor General of Oregon.

The "Certified Record of Land Corner Monumentation" forms as referenced to this Map of Survey and the notes shown on the Map should be considered a substantial part of this Narrative as they contain detailed information as to the evaluation of evidence and monumentation work performed.

Positional control for this survey is provided by a closed traverse network. A Lietz SDM3E semi-total station was used to obtain measurements and field set monuments from the survey control. An HP Vectra QS/20 (IBM compatible 386) utilizing Wildsoft software was used to perform the computations and the Map was prepared utilizing AutoCad v.10. The basis of bearing was determined by solar observation to determine a true meridian through the center of the project. Field notes and computations are on file in the office of Ferguson Surveying and Engineering, Mt. Vernon, Oregon 97865.

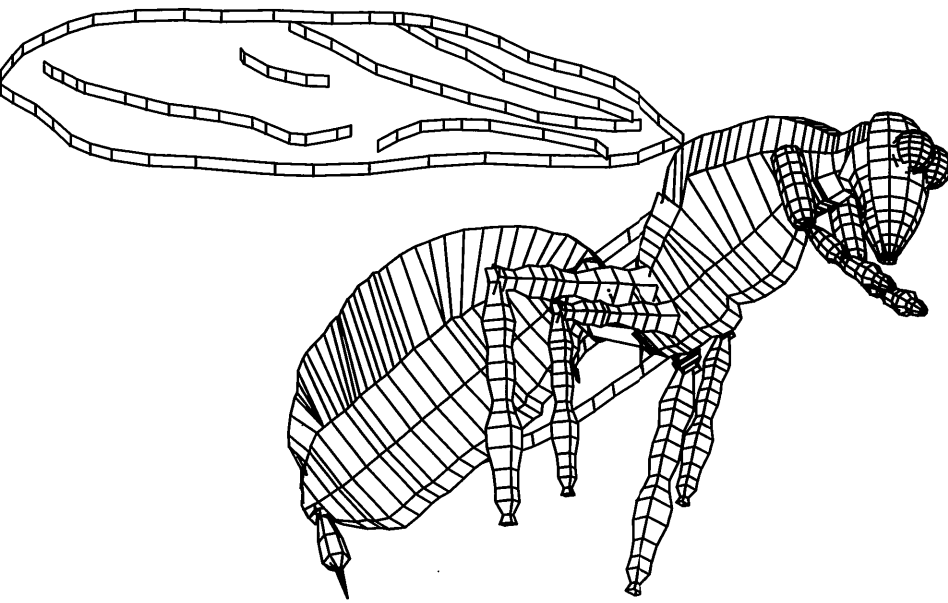
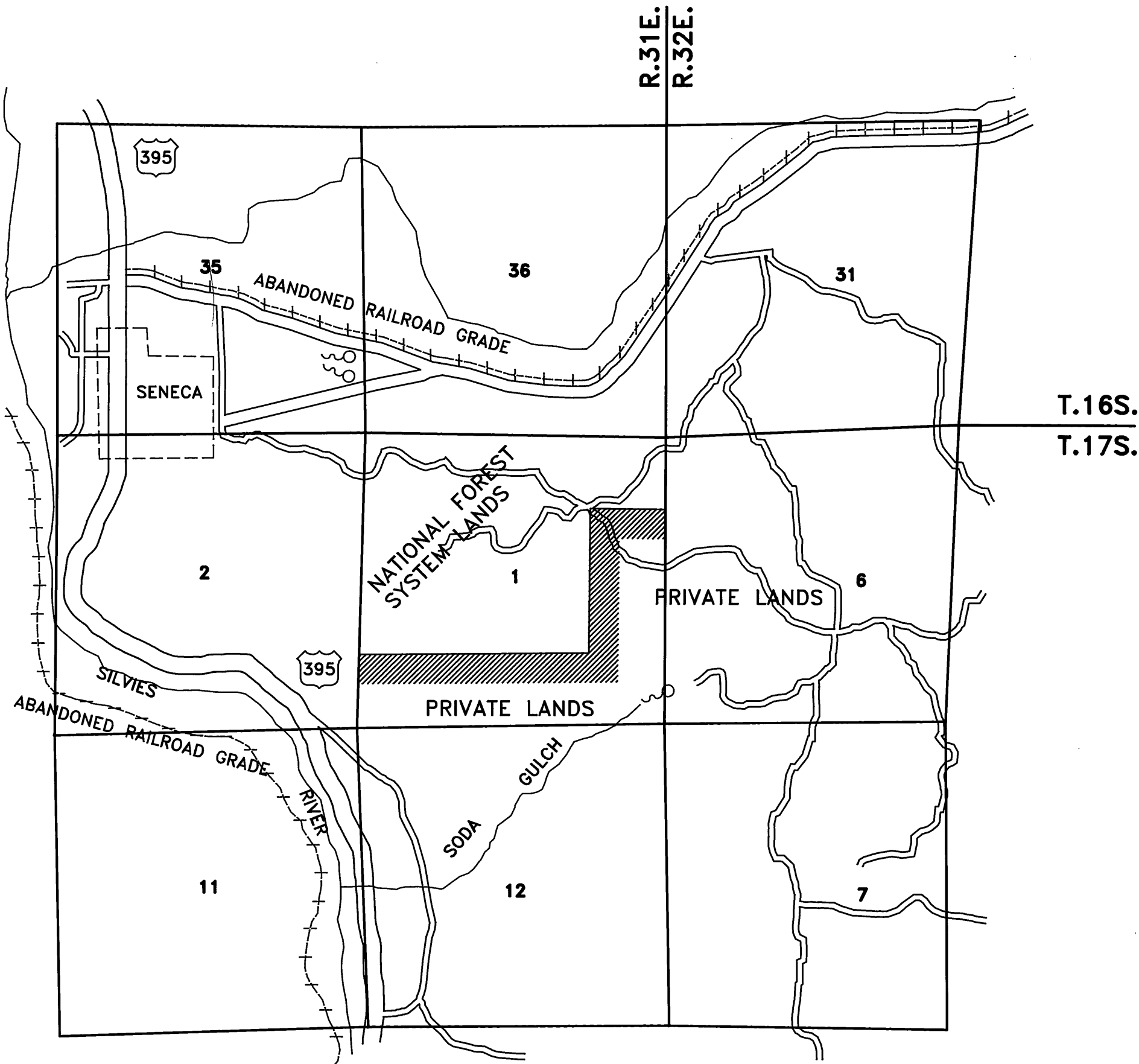
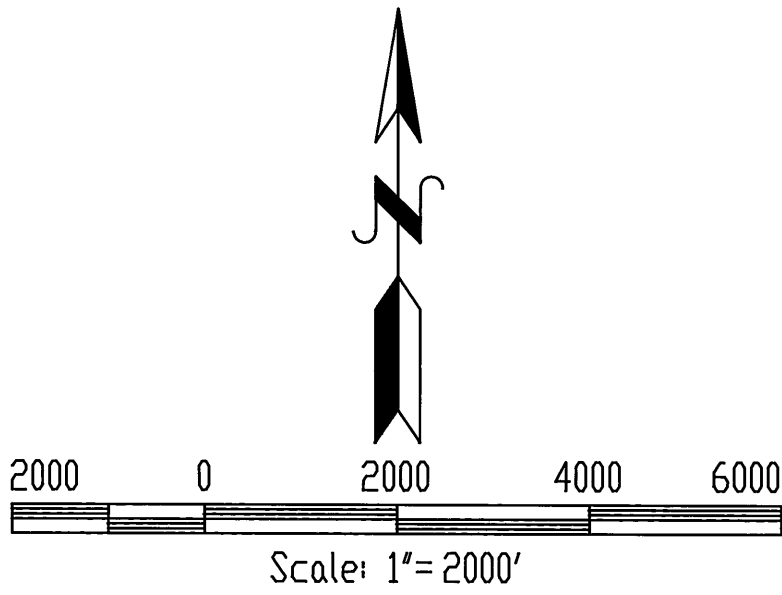
I, Douglas M. Ferguson, Registered Professional Land Surveyor, in the State of Oregon, hereby certify that this Map, notes and records hereon or reference, are a correct representation of the survey I performed during the months of April - May 1992 for the U.S. Forest Service in accordance with the Statutes of the State of Oregon and the articles of my Contract Number 53-04KK-2-02803.

DOUGLAS M. FERGUSON, PLS 848
President, Ferguson Surveying and Engineering

HISTORY OF SURVEYS

- 1880 - Bamford Robb conducted the original survey along the north boundary of the township, under GLO Contract No. 357.
- 1883 - Henry W. Cooke conducted the original survey along the east line of T.17S., R.31E., under GLO Contract No. 470.
- 1883 - Henry W. Cooke completed the original township subdivision under GLO Contract No. 488.
- 1969 - Douglas M. Ferguson, PLS 848, remonumented the NW and NE section corners of Section 1 from original evidence. See Grant County Corner Restoration files.
- 1979 - The Bureau of Land Management conducted a dependent resurvey of a portion of T.17S., R.31E.. In 1986 to this survey was suspended. In 1987 the suspension was lifted.
- 1981 - Duanne Griffith, PLS 644, conducted a dependent resurvey along a portion of the east boundary of Section 1. In addition he remonumented the SE section corner of Section 1. See Grant County Corner Restoration files and Grant County Map of Survey No. 710.
- 1986 - George W. Colvin, PLS 1020, conducted a dependent resurvey along the west and north boundary of Section 1. Grant County Map of Survey No. 981

VICINITY MAP



RECEIVED AND
FILED
Oct. 16, 1992
OFFICE OF COUNTY SURVEYOR
Robert D. Barger
ATTEST: A.P.

Ferguson Surveying
REGISTERED
PROFESSIONAL
LAND SURVEYOR
OREGON
JULY 12, 1968
DOUGLAS M. FERGUSON
848
MT. VERNON, OREGON
PHONE (503) 832-4520
FAX (503) 832-4430

EXAMINED AND ACCEPTED FOR THE U.S. FOREST SERVICE
THIS Eighth DAY OF August 1992
SIGNATURE *[Signature]* C.O.R.
I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE
REQUEST OF THE Malheur National Forest
SIGNATURE *[Signature]* FOREST SUPERVISOR DATE 8/3/92