

A PORTION OF "HORNET CADASTRAL"

SUBDIVISION AND DETERMINATION OF  
FOREST BOUNDARY IN SECTION 30,  
T.17S., R.32E., 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

HISTORY OF SURVEYS

- 1883 - Henry W. Cooke conducted the original survey along the township exteriors under GLO Contract No. 470.
- 1884 - Henry W. Cooke conducted the original township subdivision under GLO Contract No. 494.
- 1979 - The Bureau of Land Management conducted a dependent resurvey of a portion of T.17S., R.31E., which included the west boundary of Section 30. In 1986 this survey was suspended. In 1987 the suspension was lifted.
- 1985 - Tyler B. Parsons, PLS 1918, conducted a dependent resurvey along the east boundary of Section 30, under contract with the Malheur National Forest. See Grant County Map of Survey No. 867.

NARRATIVE

This survey was performed under contract for the Malheur National Forest for the purpose of marking and posting the Forest boundary in Section 30, T.17S., R.32E., 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 both the north and south 1/4 corners for Section 30 and remonumented both of these corners. All other controlling corners had been previously remonumented as indicated in the History.

As also noted in the History, a dependent resurvey was conducted in 1979, in a portion of T.17S., R.31E. and included the west boundary of Section 30, by Scott R. McIntyre, Cadastral Surveyor with the Bureau of Land Management and approved on January 1, 1983. On June 30, 1986 this survey was suspended, however the suspension was lifted on July 31, 1987 after corrections had been made.

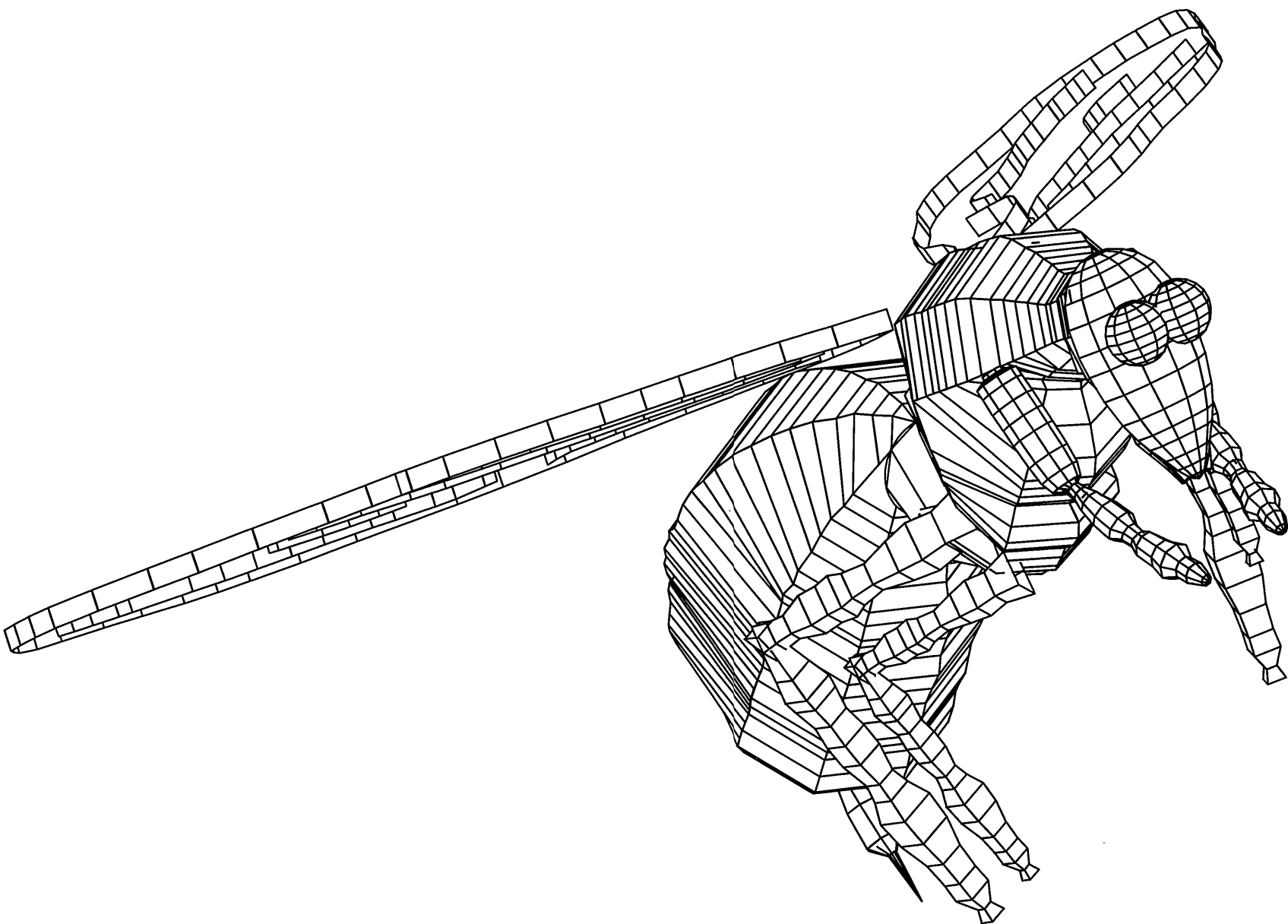
All lotting shown on my map of survey is based on the parenthetical distances determined from the original plat for this township approved August 2, 1884 by the Surveyor General of Oregon.

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.

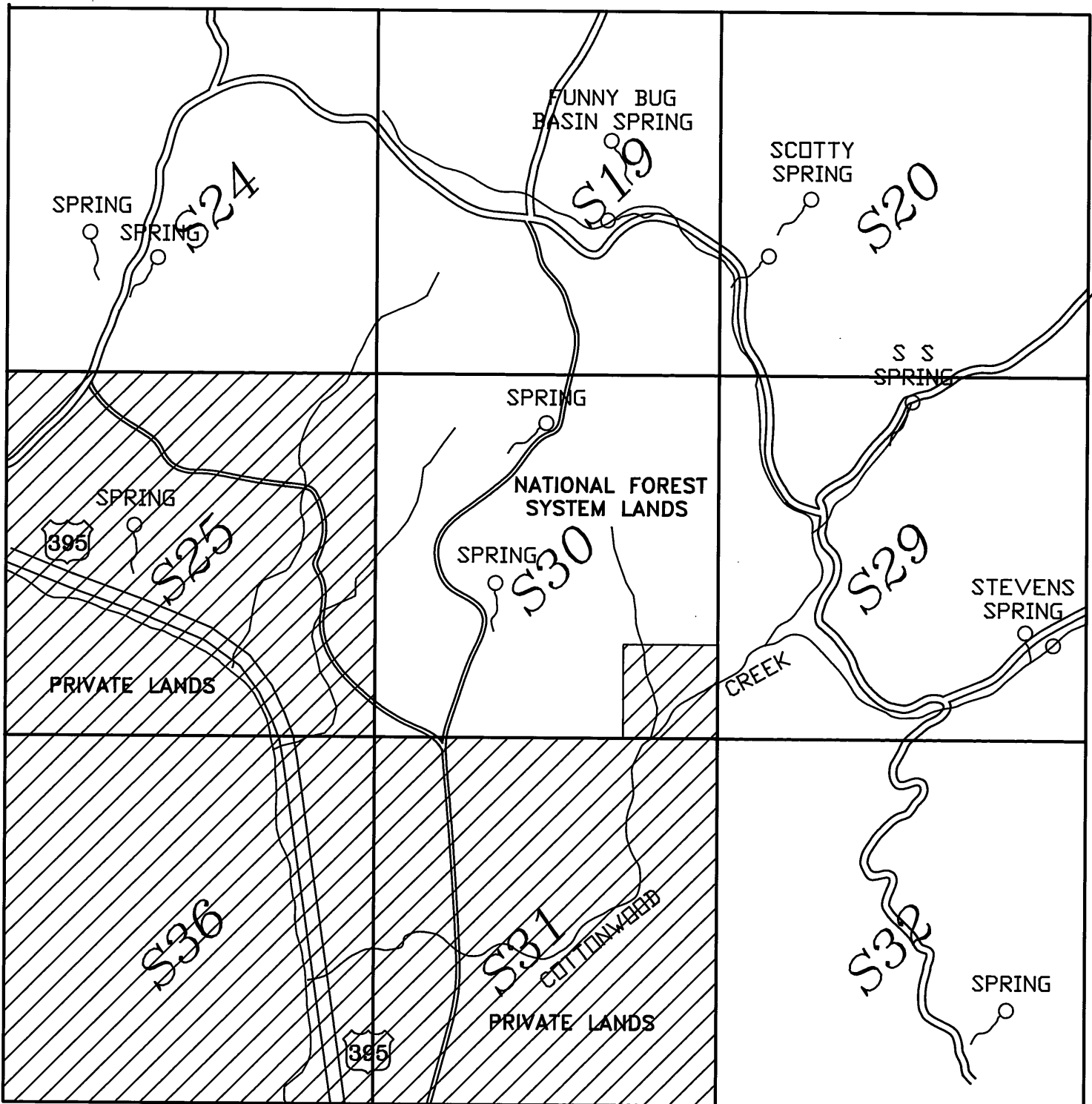
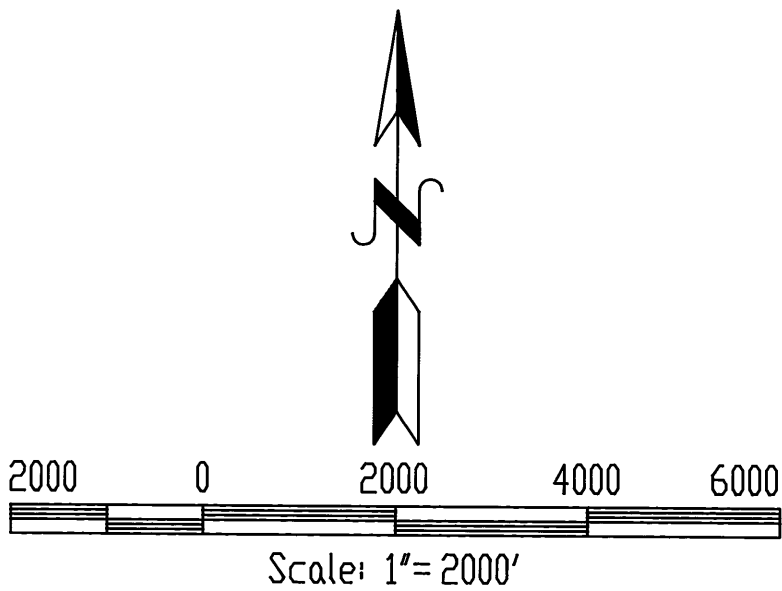
Positional control for this survey is provided by a closed traverse network. A Lietz SDM3E semi-total station was used to obtain measurements and field set monuments from the survey control. An HP Vectra QS/20 (IBM compatible 386) utilizing Wildsoft software was used to perform the computations and the 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



VICINITY MAP



T.17S.  
T.18S.

R.31E.  
R.32E.

RECEIVED AND  
FILED

Oct 16, 1992

OFFICE OF COUNTY SURVEYOR

Robert D. Lopez

ATTEST:

GRP

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

OREGON  
JULY 12, 1968  
DOUGLAS M. FERGUSON  
848

Ferguson Surveying  
Engineering  
MT. VERNON, OREGON  
PHONE (503) 932-4430  
FAX (503) 932-4430

EXAMINED AND ACCEPTED FOR THE U.S. FOREST SERVICE  
THIS Eighth DAY OF August

SIGNATURE *[Signature]*  
C.O.R.

I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE  
REQUEST OF THE Malheur National Forest

SIGNATURE *[Signature]* DATE 8/3/92  
FOREST SUPERVISOR