

## VICINITY MAP &amp; TIES TO CORS STATIONS

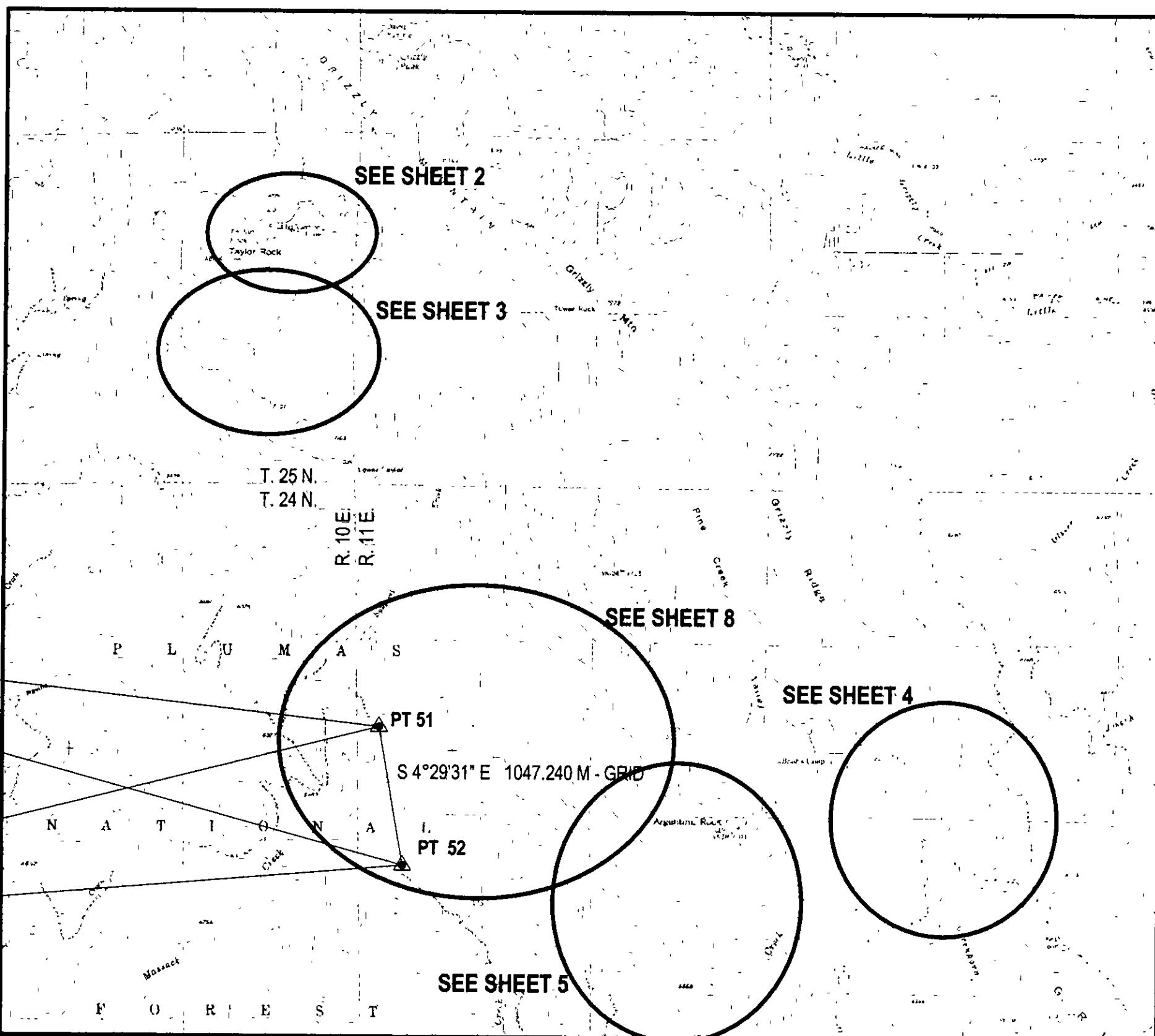
NO SCALE

PT 51  
N 570237.712 Meters  
E 2102479.115 Meters

PT 52  
N 569193.689 Meters  
E 2102561.134 Meters

QUIN (CORS 2002)  
N 571743.957 Meters  
E 2090172.500 Meters  
Ellipsoid Height 1130.168 Meters

CHO1 - (CORS 2002)  
N 511082.167 Meters  
E 2028852.269 Meters  
Ellipsoid Height 45.147 Meters



## Record of Survey

## Empire Cadastral Survey

Sec. 25 & 36, T. 25 N., R 10 E  
Sec. 7, 9, 10, 15, 16 & 17, T. 24 N., R. 11 E.  
Mt. Diablo Meridian, CA

NARRATIVE  
History

See each individual section map for the history of each area surveyed.

## Purpose &amp; Procedure

See each individual section map for the procedure that was specific to each area.

The purpose of this survey is to monument and post portions of the boundary of the Plumas National Forest. This survey was performed under U.S.D.A. Forest Service contract No. 53-9SCP-04-1K-189. John Schmidt, LS is the Contracting Officer's Representative (COR). The Contracting Officer (CO) is Charlotte Carter. Chesebro & Kalb, Land Surveyors & Boundary Consultants of Mill City, Oregon, provided resources, direct assistance, and consultation to Wallowa Associates throughout the project and to completion.

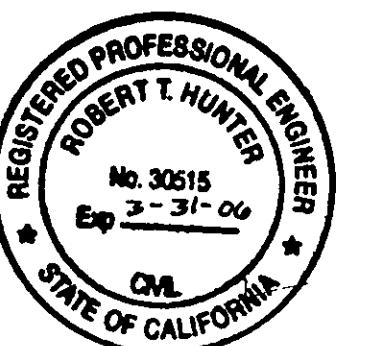
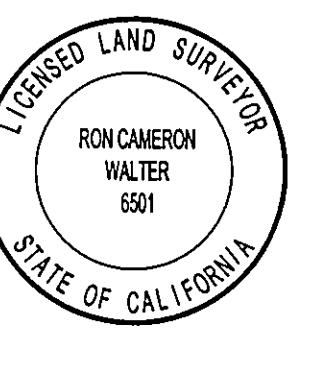
This survey was performed to USFS Cadastral Survey Specifications, California Business and Professions Code, and followed the "Standards and Guidelines for Cadastral Surveys using Global Positioning System Methods, Version 1.0, March 31, 2001, as adopted by the USDA Forest Service". Lines shown as Posted were posted with six foot galvanized channel posts and property boundary signs at intervals not exceeding 250 feet.

This survey was performed by a combination of GPS and conventional ground survey methods. Trimble 4800 and Ashtech Z12 dual frequency receivers were used to establish control and position monumentation. A Nikon 420 Total Station with TDS 48 and Recon data collectors were utilized for conventional ground surveys and monument positioning.

The geographic positions shown hereon were derived by static GPS methods and is controlled by carrier-phase observation data downloaded from the U.S. national Geodetic Survey (NGS) Continuously Operating Reference Stations (CORS) CHICO 1 (CHO1) and QUINCY (QUIN).

## Basis of Bearing

The Basis of Bearing was derived from GPS observations. State Plane Coordinates (CCS83 Zone 1) were calculated and then converted to ground bearing and distances using a convergence angle and combined scale factor for each area. See individual section maps for specifics.



REORDERER'S STATEMENT  
Filed this 10th day of May, 2005, at 9:28 am.  
in book 13 of Record of Surveys at page(s)  
108-116, at the request of the Plumas County Surveyor.

Fee: 2400  
Document No. 2005-4616

Kathleen Williams  
County Clerk - Recorder  
By: *Levi J. Rose*  
Deputy

COUNTY SURVEYOR'S STATEMENT  
This map has been examined in accordance with Section 8766 of the Professional Land Surveyor's Act this 9th day of May, 2005.

*Tom Hunter*  
Tom Hunter RCE 35015  
License Exp. Date: 3/31/2006

## SURVEYOR'S STATEMENT

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Professional Land Surveyor's Act at the request of the U.S.D.A. Forest Service in September - November 2004.

*Ron C. Walter*

Ron C. Walter  
L.S. 6501  
License Exp. Date: 6-30-07

## ABBREVIATIONS

BLM - BUREAU OF LAND MANAGEMENT	NFSL - NATIONAL FOREST SYSTEM LANDS
BT - BEARING TREE	NOAA - NATIONAL OCEANIC & ATMOSPHERIC ADMIN.
BO - BEARING OBJECT	CH - CHAINS
CH - CHAINS	FT - FEET
FT - FEET	GLG - GENERAL LAND OFFICE
GPS - GLOBAL POSITION SYSTEM	ROS - RECORD OF SURVEY
LSM - LAND SURVEY MONUMENT SIGN	USDI - U.S. DEPT. OF THE INTERIOR
M - METERS	USDA - U.S. DEPT. OF AGRICULTURE
YPC - YELLOW PLASTIC CAP	

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PLUMAS NATIONAL FOREST  
EMPIRE CADASTRAL SURVEY

LOCATED WITHIN  
SEC. 26 & 36, T. 25 N., R. 10E.  
SEC. 7, 9, 10, 15, 16 & 17, T. 24 N., R. 11 E.  
Mt. Diablo Meridian, California

SCALE VARIES	SHEET NO. 1 of 9	DATE OF SURVEY Beginning: SEPTEMBER 2004 Ending: NOVEMBER 2004
DRAWN BY ERK	CHECKED RW/EK/RC	PROJECT No. WA 1420