

## VICINITY MAP &amp; TIES TO CORS STATIONS

NO SCALE

▲ PT 50  
 Lat. 39°56'09.2115"N  
 Long. 120°51'37.7508"W  
 N 1862009.97 sft  
 E 6881210.94 sft  
 SET 5/8" X 30" REBAR W/ YPC, BURIED  
 33" IN GROUND

▲ PT 52  
 Lat. 39°57'00.5302"N  
 Long 120°47'59.3299"W  
 N 1867429.63 sft  
 E 6898152.65 sft  
 SET 10" SPIKE IN STUMP

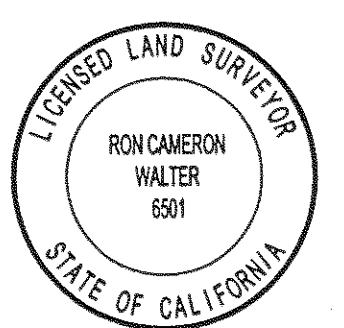
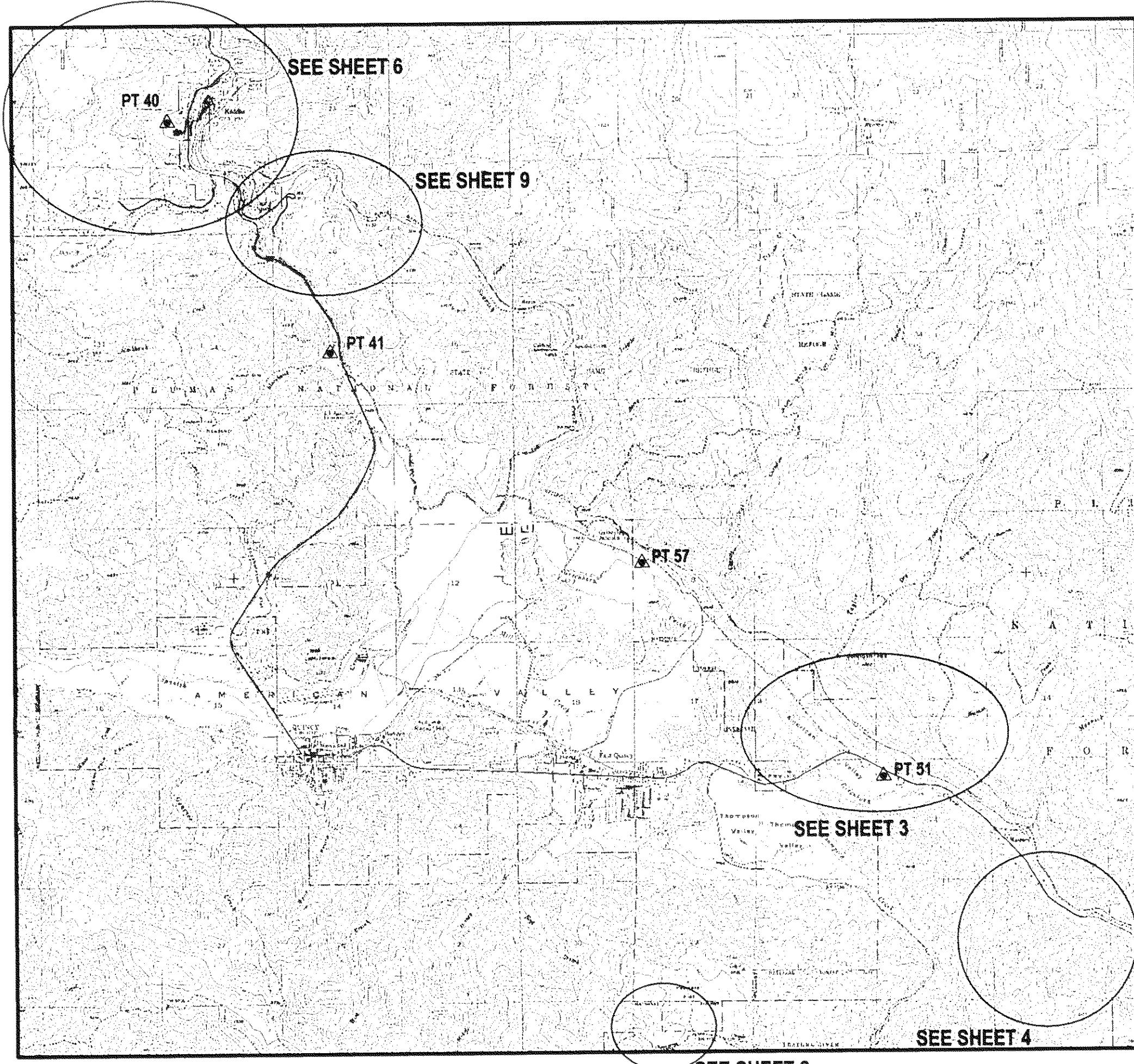
▲ PT 57  
 Lat. 39°57'36.0877"N  
 Long 120°53'40.5557"W  
 N 1870677.83 sft  
 E 6871534.69 sft  
 SET 5/8" X 30" REBAR W/ YPC, BURIED  
 33" IN GROUND

▲ PT 40  
 Lat. 40°00'49.6988"N  
 Long 120°58'08.1698"W  
 N 1890014.07 sft  
 E 6850466.81 sft  
 SET 3/4" X 30" ALUMINUM DRIVE ROD, W/  
 BREAK-AWAY BASE W/ YPC, BURIED 34" IN  
 GROUND

▲ PT 41  
 Lat. 39°59'08.0554"N  
 Long 120°56'38.9991"W  
 N 1879812.08 sft  
 E 6857528.36 sft  
 SET 5/8" X 30" REBAR W/ YPC, BURIED  
 34" IN GROUND

▲ NOT ON VICINITY MAP  
 QUIN (CORS 2002)  
 Lat. 39°58'28.37874"N  
 Long 120°56'39.88710"W  
 Ellip. Ht 1106.33m

▲ NOT ON VICINITY MAP  
 CHO1 - (CORS 2002)  
 Lat. 39°25'57.48322"N  
 Long 121°39'53.81026"W  
 Ellip. Ht. 16.96 m



RECODER'S STATEMENT  
 Filed this 9<sup>th</sup> day of Sept., 2005, at 11:44am  
 in book 13 of Record of Surveys at page(s)  
 133 - 132, at the request of the Plumas County Surveyor.

Fee: 210.00  
 Document No.: 2005-9645

Kathleen Williams  
 County Clerk - Recorder  
 By: *[Signature]*  
 Deputy

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

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

By: *[Signature]*  
 Deputy

## 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, 2004 to May, 2005.

*Ron C. Walter*

Ron C. Walter  
 L.S. 6501  
 License Exp. Date: June 30, 2007

## ABBREVIATIONS

BLM - BUREAU OF LAND MANAGEMENT  
 BT - BEARING TREE  
 BO - BEARING OBJECT  
 CH - CHAINS (1 CH = 66 FT)  
 FT - FEET  
 GLO - GENERAL LAND OFFICE  
 GPS - GLOBAL POSITION SYSTEM  
 LKS - LINKS (100 LKS = 1 CH)  
 LSM - LAND SURVEY MONUMENT SIGN  
 M - METERS  
 NFSL - NATIONAL FOREST  
 SYSTEM LANDS  
 NOAA - NATIONAL OCEANIC &  
 ATMOSPHERIC ADMIN.  
 PB - PROPERTY BOUNDARY  
 ROS - RECORD OF SURVEY  
 USDI - U.S. DEPT. OF THE INTERIOR  
 USDA - U.S. DEPT. OF AGRICULTURE  
 YPC - YELLOW PLASTIC CAP

## Record of Survey

## Empire Cadastral Survey

Sec. 21, 22 & 26, T. 25 N., R. 9 E.  
 Sec. 15, 16, 22, 26, 29 & 32, T. 24 N., R. 10E.  
 Mt. Diablo Meridian, California

## NARRATIVE

## 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, were joint venturers, providing 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.

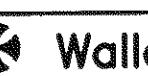
The geographic positions shown hereon were derived by static GPS methods and controlled by carrier-phase observation data downloaded from the U.S. national Geodetic Survey (NGS) Continuously Operating Reference Stations (CORS) CHICO 1 (CHO1) and QUINCY (QUIN).

## 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.

## History

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

 **Wallowa Associates**  
 P.O. Box 847  
 Joseph, Oregon 97846  
 (541)426-9049

**PLUMAS NATIONAL FOREST**  
**EMPIRE CADASTRAL SURVEY**

LOCATED WITHIN  
 SEC. 21, 22 & 26, T. 25 N., R. 9 E.  
 SEC. 15, 16, 22, 26, 29 & 32, T. 24 N., R. 10E.  
 Mt. Diablo Meridian, California

SCALE VARIES	SHEET No. 1 of 10	DATE OF SURVEY Beginning: NOVEMBER 2004 Ending: MAY 2005
DRAWN BY ERK	CHECKED RW/EK/RC	PROJECT No. WA 1420
DATE 6/2005		