

# Record of Survey

Diamond Cadastral Survey  
Plumas National Forest

## CONTROL STATIONS

NOT ON VICINITY MAP

PT 1528-50

Lat. 40°09'01.830"N

Long. 120°47'31.305"W

N 1940441.18 sft

E 6899328.83 sft

Set a spike, 10 ins. long, 5 ins. deep in top of 6 ins. squared vertical fence post.

▲ PT 1528-51

Lat. 40°11'55.694"N

Long. 120°46'51.169"W

N 1958075.87 sft

E 6902200.32 sft

Set a 5/8 in. diam. by 30 ins. long rebar with PNF YPC, 30 ins. in the ground.

▲ PT 1528-52

Lat. 40°14'09.878"N

Long. 120°41'38.794"W

N 1972001.61 sft

E 6926233.70 sft

Set a 5/8 in. diam. by 30 ins. long rebar with PNF YPC, 30 ins. in the ground.

▲ PT 1528-53

Lat. 40°13'53.190"N

Long. 120°40'54.676"W

N 1970364.36 sft

E 6929680.08 sft

Set a 5/8 in. diam. by 30 ins. long rebar with PNF YPC, 30 ins. in the ground.

## CORS STATIONS:

NOT ON VICINITY MAP

QUIN (NAD83 (CORS96))

Lat. 39°58'28.379"N

Long. 120°56'39.887"W

Ellip. Ht. 3629.7 sft

NOT ON VICINITY MAP

GARL (NAD83 (CORS96))

Lat. 40°24'59.479"N

Long. 119°21'19.592"W

Ellip. Ht. 5383.4 sft

NOT ON VICINITY MAP

GABB (NAD83 (CORS96))

Lat. 38°58'13.180"N

Long. 117°54'58.958"W

Ellip. Ht. 5088.6sft

## NOTES

(See NOTES on Sheet 3)

## RECORDER'S STATEMENT

Filed this 25<sup>th</sup> day of June, 2007, at 10:46 A. m. in book 14 of Record of Surveys at page(s) 70-79, at the request of the Plumas County Surveyor.

Fee: 24.00

Document No.: 2007-0005140

Kathleen Williams  
County Clerk - Recorder  
By: *Laura Davis*  
Deputy

## COUNTY SURVEYOR'S STATEMENT

This map has been examined in accordance with Section 8766 of the Professional Land Surveyor's Act this

21<sup>st</sup> day of June, 2007.

*R. Tom Shuster*  
Tom Hunter RCE 30515  
License Exp. Date: 3/31/2008

Certificate of Correction 2007-0007205



## 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 May, 2006 to November, 2006.

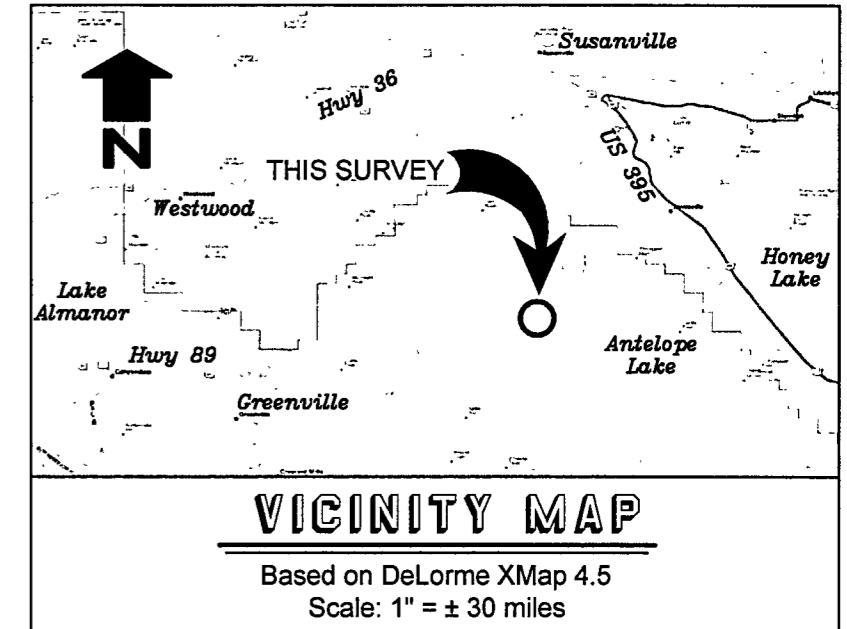
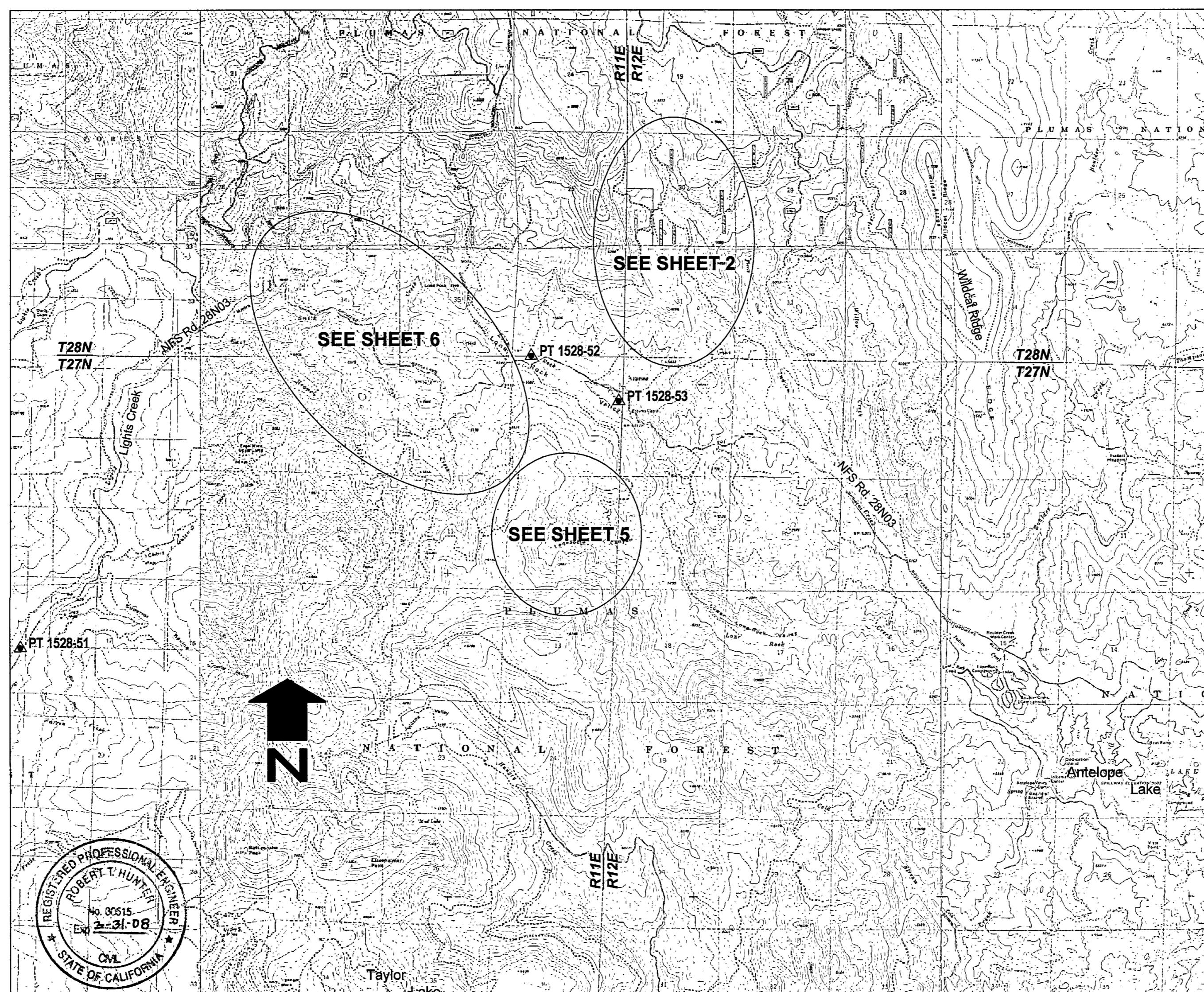
*Ron C. Walter*  
Ron C. Walter  
L.S. 6501  
License Exp. Date: June 30, 2007

## ABBREVIATIONS

abv. - above	GPS - global positioning system
alum. - aluminum	lks - links (100 lks = 1 ch)
BLM - Bureau of Land Management	LSM - land survey monument sign
BT - bearing tree	M - meters
BO - bearing object	NFSL - National Forest System Lands
ch - chains (1 ch = 66 ft)	NOAA - National Oceanic & Atmospheric Admin.
cor. - corner	CR - Corner Record
CR - Corner Record	PB - property boundary
desc. - described	PNF - Plumas National Forest
diam. - diameter	proj. - projecting
fnd. - found	RoS - Record of Survey
ft / sft - U.S. Survey Foot	sec. - section
galv. - galvanized	USDI - U.S. Dept. of the Interior
GLO - General Land Office	USDA - U.S. Dept. of Agriculture
gnd. - ground	ypc - yellow plastic cap

## Location Map of Survey Areas and Control Stations

SCALE: 1" = ±4000'



## NARRATIVE

### Purpose

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-05-0167, and Task Order No. AG-9JNE-D-05-0079. John Schmidt, LS, is the Contracting Officer's Representative (COR). The Contracting Officer (CO) is Charlotte Carter.

### History

See individual section map for specific history information.

### Procedure

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

This survey was performed as defined in the Department of Interior, Bureau of Land Management, Manual of Survey Instructions '73 (Manual), 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, with property boundary signs attached, at intervals not exceeding 250 feet.

This survey was performed by a combination of NAVSTAR GPS and conventional ground survey methods. Trimble and Ashtech dual frequency carrier-phase receivers were used to establish control and monument positioning. A Nikon Total Station (3 sec. angular, 2mm+2ppm EDM) and TDS data collector were utilized for conventional ground surveys. All monumented positions are within closed GPS networks, a conventional closed traverse, or with benefit of redundant measurements. Trimble Geomatics Office software was used for least squares adjustment, at the two sigma level, of survey data.

The geographic positions, NAD83 (CORS'96, epoch 2002), 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); QUINCY (QUIN), GARLIC (GARL) and GABBS (GABB).

### Basis of Bearing

The Basis of Bearing is the True Meridian and was derived from GPS observations. Local Plane Coordinates were calculated on a false meridian, and zero convergence angle, at the quarter-section corner of secs. 1 and 2, T27N, R11E, MDM, CA, and converted to ground bearing and distances with a project scale factor of 1.0002493469. Additionally, State Plane Coordinates (CCS83 Zone 1) were calculated and shown hereon for informational purposes.

**Be Advised:** This mapping, and digital copy of same, are protected by contract stipulations of product ownership and copyright laws.

## Diamond Cadastral Survey Plumas National Forest

LOCATED WITHIN  
Sec. 34, T. 28 N., R. 11 E., Secs. 30 & 31, T. 28 N., R. 12 E.,  
Secs. 2 & 12, T. 27 N., R. 11 E.,  
Mount Diablo Meridian, California

**Wallowa Associates**  
303 S.E. Alamo Street  
Enterprise, Oregon 97828  
(541) 426-9049

SCALE	SHEET No.	DATE OF SURVEY
1" = ±4000'	1 of 9	Beginning: May, 2006
		Ending: November, 2006
DRAWN BY RCW	CHECKED RCW	PROJECT No. WA G401-02/1528
DATE 3/07		