

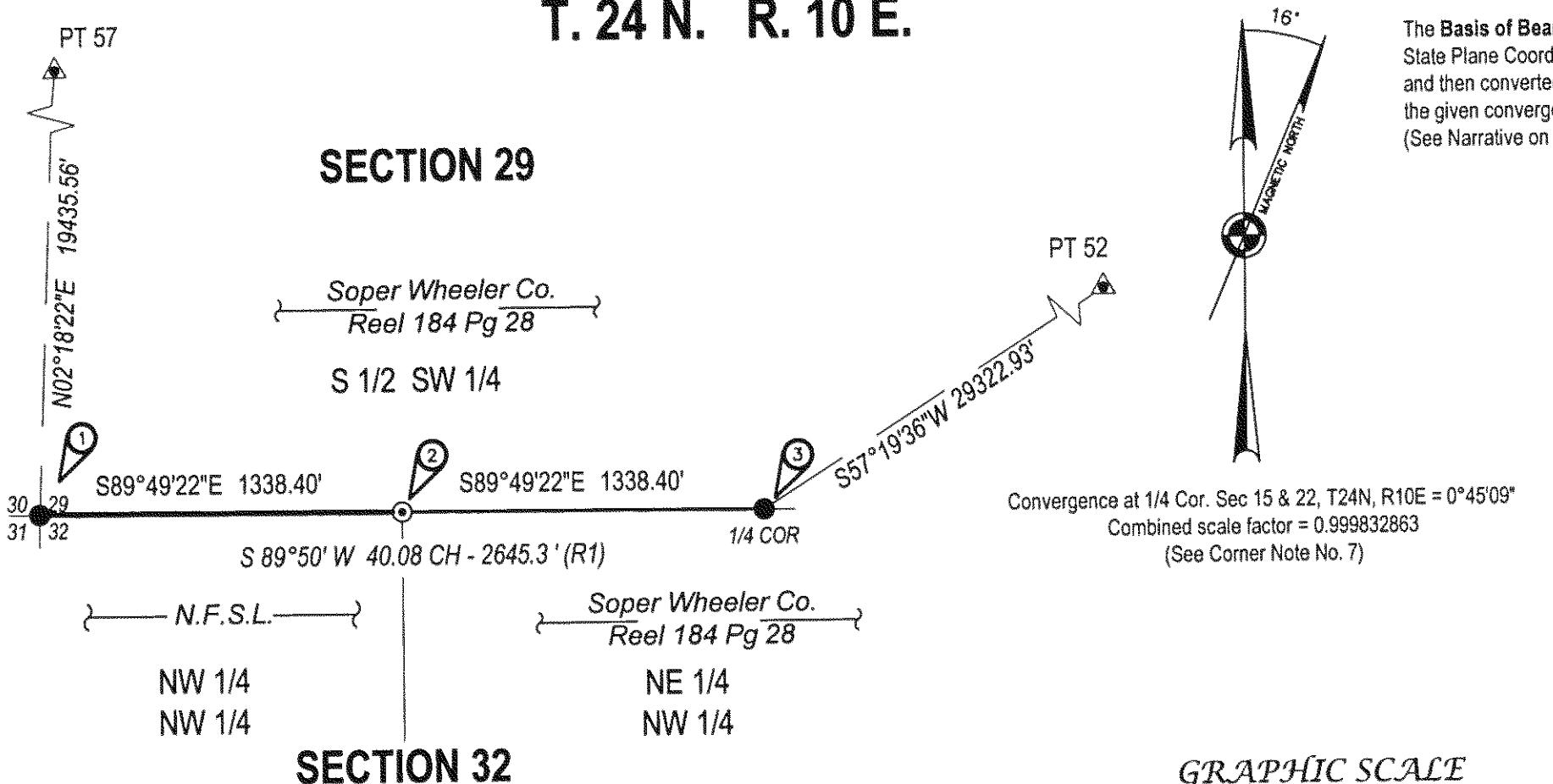
# Record of Survey

## Empire Cadastral Survey

Sec. 21, 22 & 26, T. 25 N., R. 9 E.

Sec. 15, 16, 22, 26, 29 & 32, T. 24 N., R. 10 E.

Mt. Diablo Meridian, California



### 1. SECTION CORNER BETWEEN SECTIONS 29, 30, 31 & 32

Wm. Minto, GLO, 1880

Set: a cedar post 54 x 5 x 5 ins. from which bears a Fir, 15 ins. diam., N 43° E 22 lks. (14.5 ft.) dist. Fir 10 ins. diam., S 35° E, 22 lks. (14.5 ft.) dist. Fir, 20 ins. diam., S 36° W, 69 lks. (45.5 ft.) dist. Fir, 16 ins. diam., N 52° W, 11 lks. (7.3 ft.) dist.

Adam Sydlik, BLM, 1969

Found: A rotted fir stump, bears N 53° E, 22 lks. (14.5 ft.) dist. (Record: N 43° E) A fir, 50 ins. diam., bears S 36° W, 69 lks. (45.5 ft.) dist., open overgrown blaze to old face, with scribe marks BT visible. Annual growth ring count dates to original survey Set: an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground with brass cap mkd. (as shown above). From which: A fir, 8 ins. diam., bears N 20° E, 42 lks. (27.7 ft.) dist. mkd. "T24N R10E S29 BT". A fir, 9 ins. diam., bears S 80° E, 30 lks. (19.8 ft.) dist. mkd. "T24N R10E S32 BT". A fir, 5 ins. diam., bears S 15° W, 40 lks. (26.4 ft.) dist., mkd. "T24N R10E S31 BT". Raise mound of stone, 2 1/2 ft. base, around post to top.

Rodney D. Dawson, LS 3621, 6 RS 65, 1982

Found: 1971 BLM brass cap mon. and BTs A 10 in. fir N 16° E 27.7 ft. A 12 in. fir S 80° E 19.8 ft. A 9 in. fir S 15° W 26.4 ft. Orig. BT, a 52 in. fir S 36° W 45.5 ft.

Wallowa Associates, 2004

Found: a standard 3 1/4 in. BLM brass cap, mkd. as shown, flush with a rock collar. From which:

The original 1880 BTs

No trace of the original NE BT

No trace of the original SE BT

A dead & standing fir, 54 ins. in diam., with open blaze bears S 36° W 69 lks.

No trace of the original NW BT

The 1969 BTs

A fir, 15 ins. in diam., alive & healthy, with healed blaze bears N 16° E 27.7 ft. (1982 Record)

A fir, 20 ins. in diam., alive & healthy, with healed blaze bears S 80° E 30 lks. A fir, 17 ins. in diam., alive & healthy, with healed blaze bears S 15° W 40 lks.

State Plane Coordinates, CA Zone 1 (NAD83)

N 1851252.66 Ft. N 6871007.65 Ft.

### SURVEYOR'S NOTES:

All new BTs have BT (bearing tree) signs, an aluminum nail side center for distance measurement, and a 6 in. red band, painted faces. New BTs at quarter and section corners have LSM (land survey monument) signs. These items were added to existing BTs as needed. A post with LSM sign was placed near the monuments.

Unless otherwise noted, bearings and distances to new BTs were measured using a Warren Knight staff compass with tripod, a logger's tape, diameter tape, and clinometer. Bearings to BTs at corner not needing new accessories were checked against the record with a hand compass. The declination was determined to be 16° E using the NOAA web site.

Record and measured distances to BTs are to the side center of tree unless otherwise noted.

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 the given convergence angle and combined scale factor. (See Narrative on Sheet 1)

### LEGEND

- Monument Found, see individual corner record.
- Monument Set, see individual corner record.
- ▲ Control Point
- N.F.S.L. National Forest System Land.
- OWNER DEED Ownership Information
- (R1) 1880 William Minto, GLO

### NARRATIVE - SECTION LINE BETWEEN 29 & 32

#### History

1880 - Wm. Minto, GLO, subdivided the township  
1969 - Adam Sydlik, Cadastral Surveyor, BLM, remonumented several corners in the township.

1982 - Rodney D. Dawson, LS 3621, 6 RS 65, tied the northwest corner of Section 32

**Procedure**  
We found the controlling corners as per the 1969 BLM record and set the West Sixteenth corner at the midpoint as per the 1973 BLM Manual.

### 7. QUARTER CORNER BETWEEN SECTIONS 15 & 16

Arthur W. Keddie, GLO, 1871

Set: a post, from which  
A pitch pine 18 ins. diam., bears S 7 3/4° W, 46 lks. (30.4 ft.)

No other trees convenient to mark.

O. Brown, Corner Card 1970

Found: large stone mound w/ 1/2 in. I.P. & LS 2322 tag (Sargent) Also large target at cor. Found also a large mound south 45 lks. w/ stake.

A local BT 11 1/2 in. B.O. (Black oak) SE 7 lks. (4.6 ft.) mkd. 1 l/4 S RP. Alum. K tag on down oak post mkd old mound, BT SW destroyed by fire

Set: attn. signs BT tag & paint local BT

Gerald C. Henderson, LS 3297, 5 PM 134, 1977

Found: 3 1/4 in. IP, RCE 11173, stamped 1/4, T-bar marker proj. 1.5'.

Richard A. Lundy, RCE 15265, 1980

Found: a 1 1/2 in. IP tagged RCE 11173 per 3 PM 65.

7 RS 121 - 1987 - William Snow, USFS,

Found: nothing, single proportioned corner but set witness corner 404.59 south of corner, mkd. as shown above.

Wallowa Associates, 2004

Found: a U.S.F.S. alum. monument with a 3 1/4" alum. cap, mkd. as shown, up 4 ins. above the ground. (Searched for but did not find the I.P. from earlier surveys.) From which

A cedar, 9 ins. diam., bears S 17° E 13.3 ft., scribed BT on a single open blaze. Tree has a snow blaze and appears to be sickly.

A white fir snag, 12 ins. diam., bears S 46° W 7.8 ft. with BT scribing visible. Snag is 5 1/2 ft. tall.

State Plane Coordinates, CA Zone 1 (NAD83) at witness corner monument

N 1864181.89 Ft. E 6876407.08 Ft.

A black oak, 10 ins. diam., alive but not healthy, bears N 17° E 34.8 ft., with BT signs and possible healed blazes.

A black oak, alive, but not healthy, bears S 66° E 4.5 ft., with open blaze and 1/4 S visible.

A black oak with attention sign, no marks.

Set: a 3 1/4 in. x 30 in. alum. drive rod with 3 1/4 in. alum. cap mkd. as shown above.

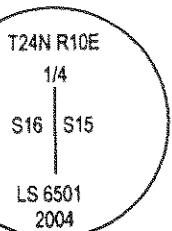
Drove 1 in. iron pipe upside down & flush with ground, alongside & to the west of the new monument. From which

A pine, 9 ins. diam., bears S 83° W 86.2 ft., marked X BT.

A pine, 10 ins. diam., bears N 60 1/2° W 57.8 ft., marked 1/4 S 16 BT.

State Plane Coordinates, CA Zone 1 (NAD83)

N 1864518.05 Ft. E 6881777.07 Ft.



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**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. 10 E.  
Mt. Diablo Meridian, California

SCALE	SHEET No.	DATE OF SURVEY
VARIABLES	2 of 10	Beginning: NOVEMBER 2004 Ending: May 2005
DRAWN BY ERK DATE 6/2005	CHECKED RW/EK/RC	PROJECT No. WA 1420