

TOWNSHIP 1 SOUTH, RANGE 39 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 926, dated June 11, 2013, and Supplemental Special Instructions dated September 6, 2013.

Measurements were made with Trimble R8 Global Positioning System (GPS) receivers using the real-time kinematic method. The direction of each line is with reference to the true meridian. All bearings are mean bearings and the distances are reported as horizontal measurement at a mean ground elevation of 4,900 feet above sea level.

The NAD 1983 (2011) (EPOCH:2010.0000) geographic position, of the following corners were determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS) P651 CHALFANTVACS2006 CORS ARP, P094 LASTCHANCECS2006 CORS ARP, P630 OLDMAMMOTHCS2006 CORS ARP, and P468 MAZOURKAPKCS2006 CORS ARP, and carried forward by RTK observations.

The standard corner of sections 33 and 34, T. 1 N., R. 39 E., is as follows:

Latitude: 37°53'05.526" N. Longitude: 117°35'23.209" W.

The corner of Tps. 1 and 2 S., Rs. 38 and 39 E., is as follows:

Latitude: 37°48'11.023" N. Longitude: 117°42'02.418" W.

The July 10, 2013 mean magnetic declination was determined to be 13°04' E., as obtained from the National Oceanic and Atmospheric Administration's National Geophysical Data Center declination calculator.

DEPENDENT RESURVEY OF THE MOUNT DIABLO BASE LINE,
THROUGH RANGE 38 1/2 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by
U.S. Deputy Surveyor G.H. Perrin in 1884,
and the Dependent Resurvey Executed by
Cadastral Surveyor D.R. Aschenbach in 2008

Beginning at the closing cor. of Tps. 1 N., Rs. 38 and 38 1/2 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. as described in the field notes of the survey of the E. bdy. of T. 1 N., R. 38 E., executed under Group No. 861.

N. 89°57'00" E., on the S. bdy. of sec. 31.

38.961

The closing cor. of secs. 5 and 6, T. 1 S., R. 39 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, and in a collar of stone, with