

## TOWNSHIP 38 NORTH, RANGE 52 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary of Township 38 North, Range 52 East, Mount Diablo Meridian, Nevada.

The south boundary was surveyed by U.S. Deputy Surveyors A. J. Hatch and J. H. Eaton in 1871, under Contract No. 43. The east  $1\frac{1}{2}$  miles of the S. bdy. were resurveyed by Cadastral Surveyor J. A. Bastian in 1979, under Group No. 574.

Before restoring the corners, the lines of the original surveys were retraced and diligent search made for any evidence of the original corners and other calls of the original field note record.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with identified corner locations. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 20, 1985 and Supplemental Special Instructions dated June 26, 1986.

The directions of the lines of this survey were determined by azimuth taken from U.S.C. & G.S. triangulation station "BEAVER," and supplemented with altitude observations of the sun. The direction of the lines were carried forward throughout the township by sustained angulation. The vertical angles of measurements made on the slope were ascertained with a theodolite in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 35, on the S. bdy. of the Tp., is at latitude  $41^{\circ} 08' 02.0''$  N., and longitude  $116^{\circ} 05' 46.9''$  W., as calculated from a closed traverse tie to U.S.C. & G.S. triangulation station "BEAVER," located in sec. 17, T. 37 N., R. 51 E.

The mean magnetic declination was found to be  $17\frac{1}{2}^{\circ}$  E.

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DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,  
T. 38 N., R. 52 E., MOUNT DIABLO MERIDIAN, NEVADA

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Reestablishment of a Portion of the Survey Executed by  
A. J. Hatch and J. H. Eaton, U.S. Deputy Surveyors,  
in 1871.

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The  $\frac{1}{4}$  sec. cor. of secs. 2 and 35, on the S. bdy. of the Tp., monumented with an iron post,  $2\frac{1}{2}$  ins. diam., firmly set and exposed 6 ins. above ground, mkd. as described in the field notes of the dependent resurvey of T. 37 N., R. 52 E., executed under Group No. 574.