

## TOWNSHIP 39 NORTH, RANGE 52 EAST, MDM, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of the south boundary and the subdivisional lines, of Township 39 North, Range 52 East, Mount Diablo Meridian, Nevada.

The west, south, east and north boundaries and a portion of the subdivisional lines were surveyed by U. S. Deputy Surveyors A. J. Hatch and J. H. Eaton, in 1870, under Contract No. 41. The completion of the subdivisional lines was surveyed by U. S. Deputy Surveyors E. C. McClellan and E. L. Bridges, in 1884, under Contract No. 171. The north, west and east boundaries were concurrently resurveyed under this same Group.

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 the lost corners, after completing the necessary retracements to connect with the 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 May 7, 1979.

The directions of the lines of this survey were determined by azimuth taken from U.S.C. & G.S. triangulation station "STUMP," located in section 8, Township 40 North, Range 53 East and supplemented with altitude observations of the sun. The direction of the lines were carried forward by sustained angulation.

The vertical angles of measurements made on the slope were ascertained with a transit in good adjustment, the horizontal equivalents only are entered in the field notes.

The geographic position of the southeast corner of section 36 is at latitude  $41^{\circ} 13' 15.8''$  N. and longitude  $116^{\circ} 03' 58.4''$  W., as calculated from U.S.C. & G.S. triangulation station "WHEELER," located in section 5, Township 39 North, Range 53 East.

The mean magnetic declination was found to be  $17^{\circ}$  east.

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DEPENDENT RESURVEY OF THE SOUTH BOUNDARY,  
T. 39 N., R. 52 E., MOUNT DIABLO MERIDIAN, NEVADA

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Reestablishment of the Survey Executed by  
U. S. Deputy Surveyors A. J. Hatch and J. H. Eaton,  
in 1870.

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