

TOWNSHIP 21 NORTH, RANGE 42<sup>2</sup> EAST, MDM, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of the north boundary and a portion of the east boundary of Township 21 North, Range 42 East, Mount Diablo Meridian, Nevada.

The east boundary, the east 2 miles of the north boundary and a portion of the subdivisional lines were surveyed by U. S. Deputy Surveyors, D. H. Barker and W. W. Skinner, in 1875, under Contract No. 72. The west boundary and the west 4 miles of the north boundary were surveyed by U. S. Deputy Surveyors T. K. Stewart and G. W. Conkling, in 1881, under Contract No. 132. The south boundary was surveyed by W. Epler, in 1865, under Contract "I". The remaining portion of the subdivisional lines was surveyed by U. S. Deputy Surveyor E. L. Bridges, in 1882, under Contract No. 138.

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 and record distance 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 lines 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, the Special Instructions dated September 19, 1979, and Supplemental Special Instructions dated November 25, 1981.

The directions of the lines of this survey were determined by azimuth taken from U.S.C. & G.S. triangulation station "VAUGHN". The directions of the lines were carried forward throughout the township by sustained angulation.

The geographic position of the southeast corner of section 1 is at latitude 39° 42' 31.4" N., and longitude 117° 11' 25.5" W., as calculated from the  $\frac{1}{4}$  section corner of sections 6 and 31 on the south boundary of T. 22 N., R. 43 E., the position of which was determined by Tellurometer traverse executed under Group No. 389.

The mean magnetic declination was found to be 17 $\frac{1}{2}$ ° east.

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DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,  
T. 21 N., R. 42 E., MOUNT DIABLO MERIDIAN, NEVADA

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Reestablishment of the Survey Executed by  
D. H. Barker and W. W. Skinner,  
U. S. Deputy Surveyors,  
in 1875.

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