

TOWNSHIP 22 NORTH, RANGE 51½ EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of the E. bdy. of sec. 36, T. 23 N., R. 51 E. and the survey of the subdivisional lines of T. 22 N., R. 51 ½ E., Mount Diablo Meridian, Nevada.

The south boundary of sec. 31, T. 23 N., R. 52 E., and the east boundary of sec. 36, T. 23 N., R. 51 E. were surveyed by U.S. Deputy Surveyor W. T. Moran in 1893, under Contract No. 202 and resurveyed by Cadastral Surveyors G. W. Hochstrasser and J. R. Munson in 1972, under Group No. 493. A dependent resurvey of a portion of the south boundary of T. 23 N., R. 52 E., and an independent resurvey of the east boundary of T. 22 N., R. 51 E., were executed under this same Group and the field notes thereof are included under T. 22 N., R. 52 E., and T. 22 N., R. 51 E., respectively. The south and east boundaries were surveyed under this same Group and the field notes thereof are included under T. 21½ N., R. 51½ E., and T. 22 N., R. 52 E., respectively.

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. 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 June 6, 1983.

The directions of the lines of this survey were determined by azimuth taken from Tellurometer Traverse Station U-40-2, located in section 22, T. 22 N., R. 52 E., and the NE. cor. of T. 22 N., R. 51 E., established in connection with the field work for Protraction Diagram No. 166, Unit No. 40, under Group No. 389. The direction of the lines was carried forward throughout the township by sustained angulation.

The vertical angles of measurement 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 northeast cor. of T. 22 N., R. 51 E., is at latitude 39° 48' 29.449" N. and longitude 116° 10' 34.314" W. The geographic position for the southeast corner of the township is at latitude 39° 44' 12.99" N., and longitude 116° 09' 54.10" W., as calculated from the NE. cor. of T. 21 N., R. 51 E.

The mean magnetic declination was found to be 17° E.

DEPENDENT RESURVEY OF THE EAST BOUNDARY
OF SEC. 36,
T. 23 N., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
