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TOWNSHIP 7 SOUTH, RANGE 70 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the survey of a portion of the subdivisional lines of Township 7 South, Range 70 East, Mount Diablo Meridian, Nevada.

The south, west, east and north boundaries were surveyed by Cadastral Engineers D. R. Averill and R. F. Wilson in 1953 under Group No. 295.

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 5, 1990.

In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

The directions of the lines of this survey were determined by altitude observations of the sun. The lines were carried forward by sustained angulation begin supplemented by other altitude observations of the sun taken throughout the progress of the survey.

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 of the cor. of secs. 23, 24, 25 and 26, is at latitude $37^{\circ} 19' 05.9''$ N. and longitude $114^{\circ} 07' 23.9''$ W., (NAD 27), as calculated from a direct tie to U.S.G.S. triangulation station SC 34/7S/70E, identical with the cor. of secs. 2, 3, 34 and 35, Tps. 7 and 8 S., Rs. 70 E. This radial line position was determined by U.S.G.S. in 1973 by unchecked methods. The geographic position for the southeast cor. of sec. 24, is at $37^{\circ} 19' 05.9''$ N. and $114^{\circ} 06' 18.5''$ W., (NAD 27), as calculated along section lines.

The mean magnetic declination was found to be $15 \frac{1}{2}^{\circ}$ E.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 7 S., R. 70 E., MOUNT DIABLO MERIDIAN, NEVADA

From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set showing 4 ins. above ground, with brass cap mkd. as described in the field notes of the 1953 survey of the east boundary of T. 7 S., R. 70 E., executed under Group No. 295.

S. $89^{\circ} 59'$ W., bet. secs. 24 and 25.