

TOWNSHIP 16 NORTH, RANGE 34 EAST

CHAINS

The following field notes are those of the independent resurvey of a portion of the Third Standard Parallel North, through Range 34 East, and the survey of a portion of the subdivisional lines of Township 16 North, Range 34 East.

The history of previous surveys is as follows:

Lines Surveyed	By Whom	Date
Third Stan. Par. N., through R. 34 E.	T. K. Stewart	1884
East and North Bdrs.	J. D. Sorensen	1966

The directions of the lines of this survey were determined by altitude observations of the sun and from local triangulation stations. The lines were carried forward by sustained angulation and supplemented with other altitude observations of the sun for verification. The vertical angles of measurements made on the slope were measured with a clinometer in good adjustment; the horizontal equivalents only are entered in the field notes.

The survey was executed in accordance with the specifications as set forth in the MANUAL OF SURVEYING INSTRUCTIONS, 1947, the Special Instructions dated August 9, 1966 and the Supplemental Special Instructions dated October 19, 1967.

The geographic position of the southeast corner of the township is latitude $39^{\circ} 11' 53.6''$ N. and longitude $118^{\circ} 05' 30.9''$ W., as determined from a tie to U.S.C. & G.S. triangulation station FAIRVIEW, situated in protracted section 28 of this township, and adjusted along section lines to the township corner. This position agrees with that calculated from ties to U.S.C. & G.S. triangulation station MINE, tied in the survey of T. 16 N., R. 35 E. under this same Group.

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

INDEPENDENT RESURVEY OF A PORTION OF
THE THIRD STANDARD PARALLEL NORTH, THROUGH
RANGE 34 EAST, MOUNT DIABLO MERIDIAN, NEVADA

This Independent Resurvey Supersedes the
identical portion of the Survey Executed by
T. K. Stewart, U. S. Deputy Surveyor, in 1884.
A diligent search was made for
the original corners and none were found.

Beginning at the standard cor. of Tps. 16 N., Rs. 34 and 35 E., monumented with an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of T. 16 N., R. 35 E., surveyed under this same Group.