

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 14,

TOWNSHIP 20 NORTH, RANGE 20 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Ronald E. Williams, Cadastral Surveyor

Under Special Instructions dated July 3, 2000,

and approved July 3, 2000,

which provided for the surveys included under Group No. 791,

and Assignment Instructions dated July 3, 2000

Survey commenced July 7, 2000

Survey completed July 7, 2000

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## TOWNSHIP 20 NORTH, RANGE 20 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 14, Township 20 North, Range 20 East, Mount Diablo Meridian, Nevada.

The Fourth Standard Parallel North, through Range 20 East (north boundary), and the east boundary (Carson River Guide Meridian) were surveyed by U.S. Deputy Surveyor B. Ives in 1861 under Contract "A". The south and west boundaries were surveyed by U.S. Deputy Surveyor J.S. Lawson in 1861 under Contract "B". A portion of the subdivisional lines were surveyed by U.S. Deputy Surveyors J.C. Smyles and A.J. Hatch in 1872 under Contract No. 50. A portion of the east boundary was resurveyed by U.S. Deputy Surveyor T.K. Stewart in 1903 under Contract No. 220. Portions of the south, east, west and north boundaries and subdivisional lines were resurveyed and section lines completing the survey of the subdivisional lines were surveyed by U.S. Deputy Surveyor J.B. Menardi in 1905 under Contract No. 244. A portion of the west boundary was resurveyed by Cadastral Engineer C.S. Swanholm in 1941-42 under Group No. 312. Portions of the north and west boundaries and subdivisional lines were resurveyed and certain mineral surveys were retraced and remonumented by Cadastral Surveyors E.W. Sibley and R.K. Baugh in 1976-77 under Group No. 544. A portion of the subdivisional lines was resurveyed, section 14 was subdivided, and a survey by metes-and-bounds was executed by Cadastral Surveyor Joseph A. Bastian in 1999-2000 under Group No. 786.

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 lost corners, after completing the necessary retracements to connect with 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 July 3, 2000.

The direction of the lines of this survey was determined by use of Global Positioning System (GPS) satellite data, using the real-time kinematic survey process, and refer to the true meridian.

The geographic position for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 14, is at Lat.  $39^{\circ}35'59.374''$  N. and Long.  $119^{\circ}41'46.901''$  W.-NAD 83 (1995), as calculated along section line from the cor. of secs. 13, 14, 23 and 24, the position of which was determined by survey-grade GPS receivers in 1999, executed under Group No. 786.

The mean magnetic declination is  $16\frac{1}{2}^{\circ}$  E., as shown on U.S.G.S. quadrangle map "VISTA, NEV." dated 1975.

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 20 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p style="text-align: center;">Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors J.C. Smyles and A.J. Hatch in 1872, and a Portion of the Dependent Survey Executed by U.S. Deputy Surveyor J.B. Menardi in 1905</p> <hr/> <p>From the cor. of secs. 11 and 12, perpetuated by Don M. McHarg, Nevada Professional Land Surveyor No. 4787, monumented with a concrete cylinder, 2<math>\frac{1}{2}</math> ins. diam., firmly set, flush in pavement, on north shoulder of Vista Boulevard, with an aluminum disk, 2 ins. diam., marks are unreadable. This aluminum disk is accepted as a careful and faithful perpetuation of the position of the original corner.</p> <p>CORNER NOT REMONUMENTED</p> <p>This corner is located 0.26 chs. N. of Vista Boulevard, bearing E. and W. From this same corner, a corner of fences, extending N. and W., bears N. 1° E., 0.54 chs. dist.</p> <p>S. 89°01'40" W., on the S. bdy. of sec. 11.</p> <p>Over nearly level land, covered with native grass.</p> <p>4.375 The closing cor. of secs. 13 and 14, hereinafter described.</p> <p>40.049 The <math>\frac{1}{4}</math> sec. cor. of secs. 11 and 14, remonumented by E.A. Taylor, Nevada Registered Engineer No. 468, monumented with an iron pipe, 2 ins. diam., 18 ins. long, firmly set, projecting 4 ins. above the ground, with the original corner stone, a basalt stone, 10X7X6 ins., plainly mkd. <math>\frac{1}{4}</math> on a face, buried alongside the iron pipe as recorded in Washoe County, Nevada, Record of Survey No. 95.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>T20N R20E</p> <p>S11</p> <p><math>\frac{1}{4}</math> ———</p> <p>S14</p> <p>2000</p> </div> <p>Deposit the original cornerstone alongside the stainless steel post and insert the iron pipe inside the stainless steel post.</p> <p>This corner is located at corner of fences, extending S., E. and W.</p> <hr/> <p style="text-align: center;">Reestablishment of the Completion Survey Executed by U.S. Deputy Surveyor J.B. Menardi in 1905</p> <hr/> <p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 14, monumented with a stainless steel post, 2<math>\frac{1}{2}</math> ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of T. 20 N., R. 20 E., executed under Group No. 786.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 20 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>N. 0°25'10" W., bet. secs. 13 and 14.</p> <p>Over rolling land, covered with medium sage brush, scattered rabbitbrush and native grass.</p>
4.00	Ridge, bears E. and W.
19.90	Hills Drive, paved, bears N. and SE, on curve.
39.64	Vista Boulevard, paved, bears E. and W.
39.902	<p>The closing cor. of secs. 13 and 14, perpetuated by Don M. McHarg, Nevada Professional Land Surveyor No. 4787, monumented with a concrete cylinder, 2½ ins. diam., firmly set, 3 ins. below the surface of the ground, on north shoulder of Vista Boulevard, with an aluminum disk, 2 ins. diam., mkd. "S13 S14 PLS4787". This aluminum disk is accepted as a careful and faithful perpetuation of the position of the original corner.</p> <p>CORNER NOT REMONUMENTED</p> <hr/> <p>SUBDIVISION OF SECTION 14, T. 20 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>From a center ¼ sec. cor. of sec. 14, monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap, mkd. as described in the field notes of T. 20 N., R. 20 E., executed under Group No. 786.</p> <p>N. 0°35'50" E., on a N-S centerline of sec. 14.</p> <p>Over rolling land, covered with medium sage brush, scattered rabbitbrush and native grass.</p>
32.00	Vista Boulevard, paved, bears ENE. and SW, on curve.
39.372	The ¼ sec. cor. of secs. 11 and 14.
	<hr/> <p>GENERAL DESCRIPTION</p> <p>The area surveyed and resurveyed within T. 20 N., R. 20 E., varies from nearly level west and north of Vista Boulevard with the remaining terrain being mountainous and rolling hills. The elevation ranges from 4,400 to 4,900 ft. above sea level. The soil varies from sandy clay loam and rocky in the higher elevations to black loam on the bottom land. The vegetation consist of medium sagebrush, with scattered rabbitbrush and native grass. There are scattered stands of willow and cottonwood along the ponds in the bottom land.</p> <p>Access to the area is by Vista Boulevard, Hills Drive and numerous trail roads.</p> <hr/>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Clay W. Morrow . . . . . Surveying Technician  
Quintin L. Boyles . . . . . Land Surveyor Trainee  
Edith Diaz . . . . . Survey Aid

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## CERTIFICATE OF SURVEY

I, Ronald E. Williams, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 3rd day of July, 2000, I have dependently resurveyed a portion of the subdivisional lines, and subdivided section 14, Township 20 North, Range 20 East, of the Mount Diablo Meridian, in the State of Nevada, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instruction, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

November 30 2000  
(Date)

Ronald E. Williams  
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 14, Township 20 North, Range 20 East, Mount Diablo Meridian, Nevada, executed by Ronald E. Williams, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

November 29, 2000  
(Date)

Robert H. Thompson  
(Acting Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 20 N., R. 20 E., M.D.M., Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Acting Chief Cadastral Surveyor, Nevada)~~