

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,  
AND  
THE METES-AND-BOUNDS SURVEY OF LOT 10, SECTION 14,  
TOWNSHIP 20 NORTH, RANGE 20 EAST,  
OF THE MOUNT DIABLO MERIDIAN,  
IN THE STATE OF NEVADA  
  
EXECUTED BY  
Joseph A. Bastian, Cadastral Surveyor  
  
Under Special Instructions dated September 8, 1999,  
and approved September 8, 1999,  
which provided for the surveys included under Group No. 786,  
and Assignment Instructions dated September 8, 1999

Survey commenced October 4, 1999  
Survey completed January 11, 2000

## INDEX DIAGRAM

TOWNSHIP 20 NORTH, RANGE 20 EAST

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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, and the metes-and-bounds survey of Lot 10, 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) was 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.

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 Special Instructions dated September 8, 1999.

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 corner of sections 13, 14, 23 and 24, is at Lat. 39°35'33.184" N. and Long. 119°41'46.807" W. - NAD 83 (1995), as determined by survey-grade GPS receivers, in 1999, from U.S. Coast and Geodetic Survey triangulation station "ROCKY", located in sec. 7, T. 19 N., R. 21 E.

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

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

CHAINS	<p>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 Resurvey and Completion Survey Executed by J.B. Menardi in 1905</p>						
	<p>From the cor. of secs. 13, 14, 23 and 24, monumented with an iron rebar, <math>\frac{5}{8}</math> in. diam., 12 ins. long, firmly set projecting 2 ins. above the ground, with a metal washer, 1 in. diam., mkd. "LS 1797", attached to the iron rebar, with the original monument, a basalt stone, 17X10X5 ins., mkd. 1 notch on an edge and 3 notches on an adjacent edge, lying alongside.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 16 ins. in the ground to bedrock, over a plastic-encased magnet and in a mound of stone, <math>3\frac{1}{2}</math> ft. base, to top, with brass cap mkd.</p> <table border="1" data-bbox="878 768 1024 873"> <tr> <td>T20N</td><td>R20E</td></tr> <tr> <td>S14</td><td>S13</td></tr> <tr> <td>S23</td><td>S24</td></tr> </table> <p>1999</p> <p>Deposit the original cornerstone alongside the stainless steel post and insert the iron rebar inside the stainless steel post.</p> <p>Corner is located at corner of fences, bearing E., W. and S.</p> <p>From this corner, U.S. Coast and Geodetic Survey triangulation station "ROCKY", bears S. <math>13^{\circ}25'47''</math> E. (mean bearing), 377.432 chs. dist., monumented with a standard brass tablet, firmly set in a rock outcrop, mkd. "ROCKY 1946".</p> <p>N. <math>0^{\circ}09'30''</math> W., bet. secs. 13 and 14.</p> <p>Over mountainous land covered with medium sagebrush, scattered rabbitbrush and native grass.</p>	T20N	R20E	S14	S13	S23	S24
T20N	R20E						
S14	S13						
S23	S24						
40.160	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 14, monumented with a basalt stone, 19X12X9 ins., firmly set projecting 6 ins. above the ground, mkd. <math>\frac{1}{4}</math> on W. face and a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <table border="1" data-bbox="878 1614 1024 1698"> <tr> <td>T20N</td><td>R20E</td></tr> <tr> <td><math>\frac{1}{4}</math></td><td></td></tr> <tr> <td>S14</td><td>S13</td></tr> </table> <p>1999</p> <p>Deposit the original cornerstone alongside the stainless steel post.</p>	T20N	R20E	$\frac{1}{4}$		S14	S13
T20N	R20E						
$\frac{1}{4}$							
S14	S13						

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

CHAINS	
	<p>From the cor. of secs. 13, 14, 23 and 24.</p> <p>S. 89°59'50" W., bet. secs. 14 and 23.</p> <p>Over mountainous land covered with medium sagebrush, scattered rabbitbrush and native grass.</p> <p>38.478 The <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 23, remonumented by person(s) unknown, with a 60 penny nail set flush in the ground, with the original monument, a basalt stone, 14X10X7 ins., mkd. <math>\frac{1}{4}</math> on a face, lying alongside.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 12 ins. in the ground to bedrock, over a plastic-encased magnet and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T20N R20E</p> <p>S14</p> <p><math>\frac{1}{4}</math> ———</p> <p>S23</p> <p>1999</p> </div> <p>Deposit the original cornerstone alongside the stainless steel post and insert the nail inside the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89°59'20" W., beginning new measurement.</p> <p>Over mountainous land.</p>
20.722	<p>Point for the W <math>\frac{1}{16}</math> sec. cor. of secs. 14 and 23.</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 15 ins. in the ground to bedrock, over a plastic-encased magnet and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>S14</p> <p>W <math>\frac{1}{16}</math> ———</p> <p>S23</p> <p>1999</p> </div> <p>Corner is located 1 lk. S. of fence, bears E. and W.</p>
28.550	<p>Angle Point No. 2, Lot 10, hereinafter described.</p> <p>Continue bet. secs. 14 and 23, on line 2-1, Lot 10, hereinafter described.</p>
38.398	<p>The cor. of secs. 14, 15, 22 and 23, identical with Angle Point No. 1, Lot 10, perpetuated by Don M. McHarg, Nevada Professional Land Surveyor No. 4787, monumented with a concrete cylinder, <math>2\frac{1}{2}</math> ins. diam., firmly set, projecting 3 ins. above the ground,</p>

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

CHAINS	<p>with an aluminum disk, 2 ins. diam., mkd. "T20NR20E S14 S15 S22 S23 1998 RLS 4787". This is accepted as a careful and faithful perpetuation of the position of the original corner.</p> <p>NOT REMONUMENTED.</p> <hr/> <p>N. 0°32'50" E., bet. secs. 14 and 15, on line 1-4, Lot 10, hereinafter described.</p> <p>Over gently rolling land.</p> <p>15.152 Angle Point No. 4, Lot 10, hereinafter described.</p> <p>Continue bet. secs. 14 and 15.</p> <p>23.48 Vista Boulevard, on curve, bears NNE. and SSW.; enter bottom land.</p> <p>39.386 A witness corner to the <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 15, established by Raymond R. Herbert, Nevada Professional Land Surveyor No. 6630, monumented with an iron rebar, <math>\frac{5}{8}</math> in. diam., 16 ins. long, set flush with ground, with a plastic cap, 1 in. diam., mkd. "PLS 6630", as recorded in Washoe County, Nevada, Record of Survey Map 2641.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, <math>2\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>WC</p> <p>T20N R20E</p> <p><math>\frac{1}{4}</math></p> <p>↑</p> <p>S15   S14</p> <p>1999</p> </div> <p>Insert the iron rebar inside the stainless steel post.</p> <p>Corner is located on levee, bears E. and W.</p> <hr/> <p>N. 0°32'50" E., beginning new measurement.</p> <p>0.616 Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 15, determined 40.67 ft. northerly from a local witness monument, on the extension of the line through the witness monument from the cor. of secs. 14, 15, 22 and 23, as shown on Record of Survey Map 2641, recorded in Washoe County, Nevada, point is located in pond.</p> <p>From this point the cor. of secs. 10, 11, 14 and 15, bears N. 0°34'20" E., 40.030 chs. dist., perpetuated by E.A. Taylor, Nevada Registered Engineer No. 468, monumented with an iron pipe, <math>2\frac{1}{2}</math> ins. diam., firmly set in a mound of stone projecting 3 ft. above the ground, as recorded in Washoe County, Nevada, Record of Survey No. 95. This is accepted as careful and faithful perpetuation of the position of the original corner.</p> <hr/>
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SUBDIVISION OF SECTION 14,  
T. 20 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 14.</p> <p>S. <math>89^{\circ}53'20''</math> W., on the E-W center line of sec. 14.</p> <p>Over rolling land covered with medium sagebrush, scattered rabbitbrush and native grass.</p> <p>36.376 A center <math>\frac{1}{4}</math> sec. cor. of sec. 14, determined by E.A. Taylor, Nevada Registered Engineer No. 468, monumented with an iron pipe, <math>2\frac{1}{2}</math> ins. diam., 5 ft. long, firmly set in a mound of stone, projecting 3 ft. above the ground, as recorded in Washoe County, Nevada, Record of Survey No. 95. This is accepted as a careful and faithful determination of the corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T20N R20E</p> <p style="text-align: center;">C <math>\frac{1}{4}</math>   S14</p> <p style="text-align: center;">1999</p> <p>Reset the iron post along side the stainless steel post and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>From this point the <math>\frac{1}{4}</math> sec. cor. of secs. 11 and 14, bears N. <math>0^{\circ}35'50''</math> E., 39.370 chs. dist., perpetuated by E.A. Taylor, Nevada Registered Engineer No. 468, monumented with an iron pipe, <math>2\frac{1}{2}</math> ins. diam., with a wooden hub, 2 ins. square, with tack set inside the iron pipe, firmly set, projecting 3 ins. above the ground, as recorded in Washoe County, Nevada, Record of Survey No. 95. This is accepted as a careful and faithful perpetuation of the position of the original corner.</p>
	<p>S. <math>89^{\circ}51'30''</math> W., beginning new measurement.</p>
	<p>Over rolling land.</p>
2.098	<p>A center <math>\frac{1}{4}</math> sec. cor. of sec. 14, hereinafter described.</p>
22.786	<p>A C-W <math>\frac{1}{16}</math> sec. cor. of sec. 14, hereinafter described.</p>
30.90	<p>Vista Boulevard, on a curve, bears NE. and SW.; enter bottom land.</p>
39.998	<p>The true point for the <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 15.</p>
	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 23.</p> <p>N. <math>0^{\circ}09'30''</math> W., on a N-S center line, parallel to the south half of the east boundary of sec. 14.</p> <p>Over mountainous land covered with medium sagebrush, scattered rabbitbrush and native grass.</p>
40.088	<p>Point for a center <math>\frac{1}{4}</math> sec. cor. of sec. 14, determined at intersection with the E-W center line of sec. 14.</p>

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SUBDIVISION OF SECTION 14,  
T. 20 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<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;"> <math display="block">\overline{\text{C } 1/4 \mid \text{S14}}</math> <p>T20N R20E</p> <p>1999</p> </div> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.</p> <p>From this point a center <math>\frac{1}{4}</math> sec. cor. of sec. 14, hereinbefore described, bears N. 89°51'30" E., 2.098 chs. dist.</p> <hr/> <p>The point for a C-W <math>\frac{1}{16}</math> sec. cor. of sec. 14, is at proportionate dist. bet. a center <math>\frac{1}{4}</math> sec. cor. of sec. 14, and the true point for the <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 15, on the E-W center line of sec. 14, based on the plat approved February 19, 1907.</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;"> <math display="block">\text{C} \text{ --- } \text{C}</math> <math display="block">\text{W } 1/16 \quad \text{S14}</math> <p>1999</p> </div> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.</p> <p>From this point the true point for the <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 15, bears S. 89°51'30" W., 17.212 chs. dist., hereinbefore described.</p> <hr/> <p style="text-align: center;">METES-AND-BOUNDS SURVEY OF LOT 10, SECTION 14, T. 20 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Beginning at Angle Point No. 1, Lot 10, identical with the cor. of secs. 14, 15, 22 and 23, hereinbefore described.</p> <p>N. 89°59'20" E., on line 1-2, identical with a portion of the line bet. secs. 14 and 23.</p> <p>Over rolling land, covered with medium sagebrush, with scattered rabbitbrush and native grass.</p> <p>9.848 Point for Angle Point No. 2, Lot 10.</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>
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METES-AND-BOUNDS SURVEY OF LOT 10, SECTION 14,  
T. 20 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
15.152	<p>T20N R20E</p> <p>AP-2   S14</p> <hr/> <p>S23</p> <p>1999</p> <p>Corner is located, 1 lk. S. of fence, bears E. and W.</p> <hr/> <p>N. 0°32'50" E., on line 2-3.</p> <p>Over rolling land.</p> <p>Point for Angle Point No. 3, Lot 10.</p> <p>Set a stainless steel post, 28 ins. long, 2<sup>1</sup>/<sub>2</sub> ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p>T20N R20E</p> <p>AP-3   S14</p> <hr/> <p>1999</p>
9.848	<p>S. 89°59'20" W., on line 3-4.</p> <p>Over rolling land.</p> <p>Point for Angle Point No. 4, Lot 10.</p> <p>Set a stainless steel post, 28 ins. long, 2<sup>1</sup>/<sub>2</sub> ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p>T20N R20E</p> <p>S15   S14</p> <hr/> <p>AP-4</p> <p>1999</p>
15.152	<p>S. 0°32'50" W., on line 4-1, and bet. secs. 14 and 23.</p> <p>Over rolling land.</p> <p>Angle Point No. 1, Lot 10, identical with the cor. of secs. 14, 15, 22 and 23, and point of beginning.</p> <hr/>

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

CHAINS	GENERAL DESCRIPTION
	<p data-bbox="441 342 1474 583">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 data-bbox="441 606 1471 634">Access to the area is by Vista Boulevard and numerous trail roads.</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Ronald E. Williams . . . . . Cadastral Surveyor  
Clay W. Morrow . . . . . Surveying Technician  
Michael B. McCain . . . . . Survey Aid

## CERTIFICATE OF SURVEY

I, Joseph A. Bastian, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 8th day of September, 1999, I have dependently resurveyed a portion of the subdivisional lines and subdivided section 14, and surveyed by metes-and-bounds Lot 10, 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 instructions, 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.

March 17, 2000  
(Date)

Joseph A. Bastian  
(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, and the metes-and-bounds survey of Lot 10, section 14, Township 20 North, Range 20 East, Mount Diablo Meridian, Nevada, executed by Joseph A. Bastian, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

March 17, 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)~~