

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS OF THE NORTH AND WEST BOUNDARIES

AND

A PORTION OF THE SUBDIVISIONAL LINES,

AND

A METES-AND-BOUNDS SURVEY IN SECTIONS 5, 6 AND 7,

TOWNSHIP 14 SOUTH, RANGE 69 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Don R. Aschenbach, Cadastral Surveyor

Under Special Instructions dated January 6, 2010,

and approved January 6, 2010,

which provided for the surveys included under Group No. 890,

and Assignment Instructions dated January 6, 2010.

Survey commenced January 12, 2010

Survey completed October 30, 2010

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TOWNSHIP 14 SOUTH, RANGE 69 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The following field notes are those of the dependent resurvey of portions of the north and west boundaries and a portion of the subdivisional lines, and a metes-and-bounds survey in sections 5, 6 and 7, Township 14 South, Range 69 East, Mount Diablo Meridian, Nevada.</p> <p>The north, east and west boundaries, and the subdivisional lines were surveyed by U.S. Deputy Surveyors R.H. Woods and W.H. Myrick in 1881 under Contract No. 109. Portions of this plat were suspended April 7, 2000. The north and west boundaries and a portion of the subdivisional lines were independently resurveyed by Cadastral Surveyor R.A. Zaninovich in 2000 under Group No. 789. The subdivisional line between sections 7 and 18 was independently resurveyed by Cadastral Surveyor D.R. Aschenbach in 2006 under Group No. 789.</p> <p>Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for any evidence of the original corners and other calls of the original field note record.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 2009</u>, and the <u>Special Instructions for Group No. 890, dated January 6, 2010</u>.</p> <p>Measurements were made with Trimble 5700 Global Positioning System (GPS) receivers using the real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.</p> <p>The NAD 1983 geographic position, of the corner of sections 1, 6, 31 and 36, Townships 13 and 14 South, Ranges 68 and 69 East, as determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS) DJ3669 NVCA CARLTON SQUARE 2 CORS ARP, DJ8973 NVBM BERMUDA CORS ARP and DI1079 NVLM AMS WT FACILITY CORS ARP and carried forward by RTK observations is as follows:</p> <p>Latitude: 36°45'12.244" N. Longitude: 114°19'46.624" W.</p> <p>The NAD 1983 geographic position, of the corner of sections 5, 6, 7 and 8, as determined from GPS static observations processed by National Geodetic Survey, OPUS, utilizing CORS DJ3669 NVCA CARLTON SQUARE 2 CORS ARP, DJ8973 NVBM BERMUDA CORS ARP and DI1079 NVLM AMS WT FACILITY CORS ARP and carried forward by RTK observations is as follows:</p> <p>Latitude: 36°44'19.764" N. Longitude: 114°18'34.193" W.</p> <p>The mean magnetic declination is 14°30' E., as shown on U.S.G.S. 7 1/2 minute quadrangle map "OVERTON NE, NEV." dated 1983.</p> <hr/>
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DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Reestablishment of a Portion of the Independent Resurvey Executed by Cadastral Surveyor R.A. Zaninovich in 2000</p>
	<p>Beginning at the cor. of secs. 1, 6, 7 and 12, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789, with a steel fence post set alongside.</p>
	<p>North, bet. secs. 1 and 6.</p>
21.413	<p>Point for Angle Point No. 8, sec. 6, hereinafter described.</p>
40.000	<p>The 1/4 sec. cor. of secs. 1 and 6, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789, with a steel fence post set alongside.</p>
	<p>North, beginning new measurement.</p>
21.580	<p>Point for Angle Point No. 9, sec. 6, hereinafter described.</p>
40.000	<p>The cor. of secs. 1, 6, 31 and 36, Tps. 13 and 14 S., Rs. 68 and 69 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789, with a mound of stone, 3 ft. base, 18 ins. high, S. of cor.</p>
	<p>DEPENDENT RESURVEY OF PORTIONS OF THE NORTH BOUNDARY, T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA</p>
	<p>Reestablishment of a Portion of the Independent Resurvey Executed by Cadastral Surveyor R.A. Zaninovich in 2000</p>
	<p>From the cor. of secs. 4, 5, 32 and 33, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, and in a mound of stone, 5 ft. base, to top, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789.</p>
	<p>From this cor., the center of an FAA VORTAC building, located in the SE1/4SE1/4 of sec. 28, T. 13 S., R. 69 E., bears N. 35°13'50" E., 108.05 chs. dist.</p>
	<p>From this same cor., the cor. of secs. 27, 28, 33 and 34, T. 13 S., R. 69 E., bears N. 45°07'00" E., 112.83 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, and in a collar of stone, with brass cap mkd. as described in the field notes of the independent resurvey of T. 13 S., R. 69 E., executed under Group No. 789.</p>

DEPENDENT RESURVEY OF PORTIONS OF THE NORTH BOUNDARY,
T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>From this cor. the center of the FAA VORTAC building, located in the SE1/4SE14 of sec. 28, T. 13 S., R. 69 E., bears N. 63°51'30" W., 19.62 chs. dist.</p> <p>N. 89°43'40" W., bet. secs. 5 and 32.</p>
23.449	Point for Angle Point No. 1, sec. 5, hereinafter described.
40.000	<p>The 1/4 sec. cor. of secs. 5 and 32, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789, with a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 6 and 31, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789, with a mound of stone, 3 ft. base, 18 ins. high, N. of cor.</p> <p>N. 89°43'40" W., bet. secs. 6 and 31.</p>
36.626	Point for a witness point at intersection with a metes-and-bounds survey from Angle Point No. 9, hereinafter described.
40.000	<p>The 80 1/16 sec. cor. of secs. 6 and 31, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, and in a mound of stone, 5 ft. base, to top, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789.</p> <hr/> <p>N. 89°43'40" W., beginning new measurement.</p>
9.242	<p>The cor. of secs. 1, 6, 31 and 36, Tps. 13 and 14 S., Rs. 68 and 69 E., hereinbefore described.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Independent Resurvey Executed by Cadastral Surveyor R.A. Zaninovich in 2000</p> <hr/> <p>From the 1/4 sec. cor. of secs. 5 and 6, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 16 ins. above the ground, and in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789.</p> <p>S. 0°03'20" E., bet. secs. 5 and 6.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
1.766	Point for a witness point at intersection with a metes-and-bounds survey bet. Angle Point No. 2 and Angle Point No. 3, hereinafter described.
40.000	The cor. of secs. 5, 6, 7 and 8, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789.
	<hr/> <p>From the cor. of secs. 5, 6, 7 and 8.</p> <p>N. 89°43'40" W., bet. secs. 6 and 7.</p>
27.862	Point for a witness point at intersection with a metes-and-bounds survey bet. Angle Point No. 3 and Angle Point No. 4, hereinafter described.
40.000	The 1/4 sec. cor. of secs. 6 and 7, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, and in a collar of stone, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789.
	<hr/> <p>N. 89°43'40" W., beginning new measurement.</p>
21.865	Point for a witness point at intersection with a metes-and-bounds survey bet. Angle Point No. 6 and Angle Point No. 7, hereinafter described.
40.000	The 80 1/16 sec. cor. of secs. 6 and 7, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of T. 14 S., R. 69 E., executed under Group No. 789, with a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	<hr/> <p>N. 89°43'40" W., beginning new measurement.</p>
9.336	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., hereinbefore described.
	<hr/> <p>METES-AND-BOUNDS SURVEY IN SECTIONS 5, 6 AND 7, T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>
	<p>Memorandum</p> <p>The following metes-and-bounds survey identifies a portion of the boundary to facilitate conveyance of certain lands to the City of Mesquite, Nevada for a General Aviation Airport, as described in Public Law 99-548, section 3, as amended.</p> <hr/> <p>From the point for Angle Point No. 1, sec. 5.</p>

METES-AND-BOUNDS SURVEY IN SECTIONS 5, 6 AND 7,
T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;"> T13S R69E S32 AP1 / S 5 T14S 2010 </p> <p>S. 34°30'50" W., on line 1-2, through sec. 5.</p> <p>Over plateau land covered with creosote and cacti.</p>
66.213	<p>Point for Angle Point No. 2, sec. 5.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;"> T14S R69E AP2 / S 5 2010 </p> <hr/> <p>N. 55°29'30" W., on line 2-3, through sec. 5.</p>
8.20	Deep draw, drains SW.
23.056	<p>Point for a witness point at intersection with the line bet. secs. 5 and 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;"> WP T14S R69E S 6 S 5 2010 </p>
24.400	<p>Through sec. 6.</p> <p>Point for Angle Point No. 3, sec. 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 1/2 ft. base, to top, and with brass cap mkd.</p>

METES-AND-BOUNDS SURVEY IN SECTIONS 5, 6 AND 7,
T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<div data-bbox="889 281 1047 436" data-label="Diagram"> <p>T14S R69E AP3 S 6 2010</p> </div>
47.158	<p>S. 34°30'20" W., on line 3-4, through sec. 6.</p> <p>Point for a witness point at intersection with the line bet. secs. 6 and 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div data-bbox="889 737 1047 926" data-label="Diagram"> <p>WP T14S R69E S 6 S 7 2010</p> </div>
87.577	<p>Through sec. 7.</p> <p>Point for Angle Point No. 4, sec. 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <div data-bbox="889 1010 1047 1325" data-label="Diagram"> <p>T14S R69E AP4 S 7 2010</p> </div>
21.894	<p>S. 71°55'50" W., on line 4-5, through sec. 7.</p> <p>Point for Angle Point No. 5, sec. 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div data-bbox="889 1367 1047 1745" data-label="Diagram"> <p>T14S R69E AP5 S 7 2010</p> </div> <p>Raise a mound of stone, 3 ft. diam., 2 ft. W. of cor.</p> <p>N. 55°30'10" W., on line 5-6, through sec. 7.</p>

METES-AND-BOUNDS SURVEY IN SECTIONS 5, 6 AND 7,
T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS 14.803</p>	<p>Point for Angle Point No. 6, sec. 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T14S R69E</p> <p>S 7 / AP6</p> <p>2010</p> </div>
<p>38.679</p>	<p>N. 34°29'50" E., on line 6-7, through sec. 7.</p> <p>Point for a witness point at intersection with the line bet. secs. 6 and 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, 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>WP</p> <p>T14S R69E</p> <p>S 6 /</p> <p>S 7 /</p> <p>2010</p> </div>
<p>40.872</p>	<p>Through sec. 6.</p> <p>Point for Angle Point No. 7, sec. 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T14S R69E</p> <p>S 6 > AP7</p> <p>2010</p> </div>
<p>34.842</p>	<p>N. 55°30'10" W., on line 7-8, through sec. 6.</p> <p>Angle Point No. 8, sec. 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p>

METES-AND-BOUNDS SURVEY IN SECTIONS 5, 6 AND 7,
T. 14 S., R. 69 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<div data-bbox="873 247 1052 447" data-label="Diagram"> </div> <hr/> <div data-bbox="443 499 1433 636" data-label="Text"> <p>From Angle Point No. 9, sec. 6, on the W. bdy. of the Tp.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> </div> <div data-bbox="849 657 1027 888" data-label="Diagram"> </div> <div data-bbox="443 909 1433 1129" data-label="Text"> <p>N. 34°30'00" E., through sec. 6.</p> <p>22.274 Point for a witness point at intersection with the line bet. secs. 6 and 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> </div> <div data-bbox="881 1150 1060 1318" data-label="Diagram"> </div> <hr/> <div data-bbox="808 1371 1117 1402" data-label="Section-Header"> <p>GENERAL DESCRIPTION</p> </div> <div data-bbox="443 1423 1482 1518" data-label="Text"> <p>The average elevation of the area is about 2000 feet above sea level. General drainage is to the south. Vegetation consists of creosote and cacti.</p> </div>
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

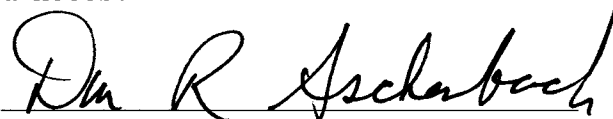
Brock R. Clifford	Cadastral Surveyor
Michelle E. Martin	Supervisory Range Technician
Jonathan Grayson	Surveying Technician
Clarence D. Strickland	Surveying Technician

CERTIFICATE OF SURVEY

I, Don R. Aschenbach, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 6th day of January, 2010, I have dependently resurveyed portions of the north and west boundaries and a portion of the subdivisional lines, and executed a metes-and-bounds survey in sections 5, 6 and 7, Township 14 South, Range 69 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.

July 6, 2011

Date



Cadastral Surveyor

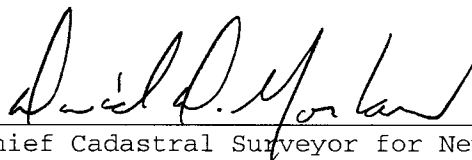
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of portions of the north and west boundaries and a portion of the subdivisional lines, and a metes-and-bounds survey in sections 5, 6 and 7, Township 14 South, Range 69 East, of the Mount Diablo Meridian, Nevada, executed by Don R. Aschenbach, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

July 6, 2011

Date



Chief Cadastral Surveyor for Nevada

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in T. 14 S., R. 69 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~_____~~
~~Date~~~~_____~~
~~Chief Cadastral Surveyor for Nevada~~