

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE EAST BOUNDARY,  
A PORTION OF THE SUBDIVISION-OF-SECTION LINES OF SECTION 24  
AND A METES-AND-BOUNDS SURVEY IN SECTION 24,  
AND THE SURVEY OF LOTS 4 AND 5 IN SECTION 24,  
TOWNSHIP 19 SOUTH, RANGE 60 EAST,  
OF THE MOUNT DIABLO MERIDIAN,  
IN THE STATE OF NEVADA

EXECUTED BY

Don R. Aschenbach, Cadastral Surveyor

Under Special Instructions dated January 29, 2003,  
and approved January 29, 2003,  
which provided for the surveys included under Group No. 808,  
and Assignment Instructions dated January 29, 2003.

Survey commenced February 4, 2003

Survey completed February 5, 2003

INDEX DIAGRAM

TOWNSHIP 19 SOUTH, RANGE 60 EAST

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24 2
30	29	28	27	26	25
31	32	33	34	35	36

Dependent Resurvey of a Portion of the Subdivision-of-Section  
 Lines of Section 24 . . . . . pp. 2-4  
 Dependent Resurvey of a Metes-and-Bounds Survey in Section 24 . . . pp. 4-6  
 Survey of Lot 4 . . . . . p. 6  
 Survey of Lot 5 . . . . . pp. 6-7

## TOWNSHIP 19 SOUTH, RANGE 60 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the east boundary, a portion of the subdivision-of-section lines of section 24 and a metes-and-bounds survey in section 24, and the survey of Lots 4 and 5 in section 24, Township 19 South, Range 60 East, Mount Diablo Meridian, Nevada.

The east boundary and subdivisional lines were surveyed by U.S. Deputy Surveyors R.H. Woods and W.H. Myrick in 1881-82 under Contract No. 111. A portion of the east boundary was resurveyed by Cadastral Surveyor N.R. Forsyth in 1990 under Group No. 683. A portion of the subdivisional lines were dependently resurveyed and section 24 was subdivided by Cadastral Surveyor R.A. Pratt in 1990 under Group No. 688. A portion of the east boundary and portions of the subdivision-of-section lines of section 24 were dependently resurveyed, and a metes-and-bounds survey in section 24 was executed by Cadastral Surveyor R.A. Zaninovich in 1997 under Group No. 769. Other official surveys remote to the area are not included.

VTN, Consulting Engineers and Planners, completed a local survey in 1988 as shown on a map on file in Record of Surveys, File 52, Page 70, Clark County, Nevada.

The City of Las Vegas completed a local survey in 2002 as shown on a map on file in Record of Surveys, File 122, Page 0035, Clark County, Nevada.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated January 29, 2003, for Group No. 808, Nevada.

The direction and distances of the lines of this survey were obtained by Trimble 4400 and 4700 Global Positioning System (GPS) receivers using real-time kinematic methods and refer to the true meridian, based on geodetic methods.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The geographic position (NAD 83) of the S 1/16 sec. cor. of secs. 19 and 24, on the E. bdy. of the Tp., as calculated under Group No. 769 and converted to NAD 83 is as follows:

Latitude: 36°16'49.2" N. Longitude: 115°12'26.3" W.

The mean magnetic declination is 14° E., as shown on U.S.G.S. quadrangle map "GASS PEAK SW, NEV." dated 1983.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,  
T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p style="text-align: center;">Reestablishment of the Survey Executed by R.H. Woods and W.H. Myrick, U.S. Deputy Surveyors, in 1881 and the Resurveys Executed by N.R. Forsyth, Cadastral Surveyor, in 1990 and R.A. Zaninovich, Cadastral Surveyor, in 1997</p> <hr/> <p>Beginning at the S 1/16 sec. cor. of secs. 19 and 24, identical with Cor. No. 4, Lot 4, 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 1990 resurvey.</p> <p>From this corner, a rebar, 5/8 in. diam., firmly set flush with the surface of the ground, set by Rita M. Lumos, Nevada Professional Land Surveyor No. 5094, with aluminum cap mkd. CITY OF LAS VEGAS PLS 5094, as recorded in Clark County, Nevada, File 122, Page 0035 of surveys, bears S. 0°19'50" W., 1.179 chs. dist.</p> <p>N. 0°19'40" E., between secs. 19 and 24.</p> <p>18.985 Point for Angle Point No. 3 of the 1997 metes-and-bounds survey, identical with Cor. No. 1, Lot 4, hereinafter described.</p> <p>20.595 The 1/4 sec. cor. of secs. 19 and 24, 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 1990 survey.</p>
	<p style="text-align: center;">DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION-OF-SECTION LINES OF SECTION 24, T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p style="text-align: center;">Reestablishment of the Subdivision of Section 24 Executed by R.A. Pratt, Cadastral Surveyor, in 1990 and the Resurvey Executed by R.A. Zaninovich, Cadastral Surveyor, in 1997</p> <hr/> <p>From the S 1/16 sec. cor. of secs. 19 and 24, identical with Cor. No. 4, Lot 4, hereinbefore described.</p> <p>S. 86°33'10" W., on the E-W center line of the SE1/4 of sec. 24.</p> <p>7.514 Cor. No. 3, Lot 4, identical with Cor. No. 4, Lot 5, monumented with a rebar, 5/8 in. diam., firmly set flush with the surface of the ground, set by Rita M. Lumos, Nevada Professional Land Surveyor No. 5094, with a 2 in. aluminum cap mkd. CITY OF LAS VEGAS PLS 5094, as recorded in Clark County, Nevada, File 122, Page 0035 of surveys.</p>

DEPENDENT RESURVEY OF A PORTION OF THE  
SUBDIVISION-OF-SECTION LINES OF SECTION 24,  
T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 5px;">LOT 5</td> <td style="border-left: 1px solid black; padding: 0 5px;"> </td> <td style="padding: 0 5px;">LOT 4</td> </tr> <tr> <td style="padding: 0 5px;">S</td> <td style="border-left: 1px solid black; padding: 0 5px;">4</td> <td style="padding: 0 5px;">3</td> </tr> <tr> <td style="padding: 0 5px;"></td> <td style="border-left: 1px solid black; padding: 0 5px;">S</td> <td style="padding: 0 5px;">S</td> </tr> <tr> <td style="padding: 0 5px;"></td> <td style="border-left: 1px solid black; padding: 0 5px;">24</td> <td style="padding: 0 5px;"></td> </tr> </table> </div> <p style="text-align: center;">2003</p> <p>Insert the rebar inside the stainless steel post.</p> <p>From this corner, a rebar, 5/8 in. diam., firmly set flush with the surface of the ground, set by Rita M. Lumos, Nevada Professional Land Surveyor No. 5094, with a 2 in. diam. aluminum cap mkd. CITY OF LAS VEGAS PLS 5094, as recorded in Clark County, Nevada, File 122, Page 0035 of surveys, bears S. 0°32'50" E., 1.100 chs. dist.</p> <p>16.183 Angle Point No. 1 of the 1997 metes-and-bounds survey, identical with Cor. No. 3, Lot 5, determined at a plastic-encased magnet, located 2 feet below the surface of the ground; there is no remaining evidence of the stainless steel post set in 1997. Due to the destruction of the controlling monument west of this cor., this position is accepted as the best available evidence of the E-W center line of the SE1/4 for both distance and alignment.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., top 4 ins. below the surface of the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> <td style="border-left: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;">LOT 5</td> </tr> <tr> <td style="padding: 0 5px;">S</td> <td style="padding: 0 5px;">AP1</td> <td style="border-left: 1px solid black; padding: 0 5px;">3</td> <td style="padding: 0 5px;">S</td> </tr> <tr> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> <td style="border-left: 1px solid black; padding: 0 5px;">S</td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> <td style="border-left: 1px solid black; padding: 0 5px;">24</td> <td style="padding: 0 5px;"></td> </tr> </table> </div> <p style="text-align: center;">2003</p> <p>From this corner, a rebar, 5/8 in. diam., firmly set flush with the surface of asphalt, set by Robert S. Mercado, Nevada Professional Land Surveyor No. 10352, with a 1 1/2 in. diam. aluminum cap mkd. MERCADO PLS 10352, as recorded in Clark County, Nevada, Book 099, Page 0089 of plats, bears S. 0°43'00" E., 1.010 chs. dist. This is accepted as a careful and faithful perpetuation of the position set by Gene D. Krametbauer, Nevada Professional Land Surveyor No. 6201, and described in the field notes of the 1997 resurvey.</p>	LOT 5		LOT 4	S	4	3		S	S		24					LOT 5	S	AP1	3	S			S				24	
LOT 5		LOT 4																											
S	4	3																											
	S	S																											
	24																												
			LOT 5																										
S	AP1	3	S																										
		S																											
		24																											

DEPENDENT RESURVEY OF A PORTION OF THE  
SUBDIVISION-OF-SECTION LINES OF SECTION 24,  
T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

from which

A brass disc, 2 ins. diam., firmly set in curb, bears  
S. 26°10' W., 0.833 chs. dist., mkd. RM 55.00 PLS  
10352.

A brass disc, 2 ins. diam., firmly set in curb, bears  
S. 58°45' W., 0.795 chs. dist., mkd. RM 52.46 PLS  
10352.

A brass disc, 2 ins. diam., firmly set in curb, bears  
N. 64°21' W., 0.789 chs. dist., mkd. RM 52.10 PLS  
10352.

A brass disc, 2 ins. diam., firmly set in curb, bears  
N. 26°32' W., 0.866 chs. dist., mkd. RM 57.17 PLS  
10352.

---

DEPENDENT RESURVEY OF A METES-AND-BOUNDS SURVEY IN SECTION 24,  
T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA

---

Reestablishment of the Survey Executed by  
R.A. Zaninovich, Cadastral Surveyor, in 1997

---

From Angle Point No. 1, identical with Cor. No. 3, Lot 5,  
hereinbefore described.

N. 0°43'00" W., on line 1-2, on a portion of the VTN N-S center  
line of the SE1/4 of sec. 24.

8.787

Intersect a rebar, 5/8 in. diam., firmly set flush with the  
surface of asphalt, with a 1 1/2 in. diam. aluminum cap with no  
visible marks. This position is shown on Book 099, Page 0089  
of plats, recorded in Clark County, Nevada as set by PLS 10352.

from which

A brass disc, 2 ins. diam., firmly set in curb, bears  
S. 28°09' W., 0.783 chs. dist. mkd. RM 51.83 PLS  
10352

A brass disc, 2 ins. diam., firmly set in curb, bears  
S. 59°30' W., 0.831 chs. dist. mkd. RM 54.96 PLS  
10352.

A brass disc, 2 ins. diam., firmly set in curb, bears  
N. 60°10' W., 0.813 chs. dist. mkd. RM 53.83 PLS  
10352.

A brass disc, 2 ins. diam., firmly set in curb, bears  
N. 28°59' W., 0.795 chs. dist. mkd. RM 52.42 PLS  
10352.

DEPENDENT RESURVEY OF A METES-AND-BOUNDS SURVEY IN SECTION 24,  
T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS					
19.174	<p>Angle Point No. 2, identical with Cor. No. 2, Lot 5, monumented with a rebar, 5/8 in. diam., firmly set flush with the surface of asphalt, with a 1 1/2 in. diam. aluminum cap, no readable marks. This monument is referenced on File 122, Page 0035, of surveys, recorded in Clark County, Nevada, as being set by PLS 10352 and is accepted as a careful and faithful perpetuation of the position set by Gene D. Krametbauer, Nevada Professional Land Surveyor No. 6201, and described in the field notes of the 1997 dependent resurvey of a portion of the E. bdy.</p> <p>from which</p> <p style="padding-left: 40px;">A brass disc, 2 ins. diam., firmly set in curb, bears S. 57°12' W., 1.059 chs. dist. mkd. RM 69.92 PLS 10352.</p> <p style="padding-left: 40px;">A brass disc, 2 ins. diam., firmly set in curb, bears S. 21°51' W., 0.977 chs. dist. mkd. RM 64.50 PLS 10352.</p>				
8.717	<p>N. 87°16'50" E., on line 2-3, on a portion of the VTN E-W center line of sec. 24.</p> <p>Cor. No. 1, Lot 5, identical with Cor. No. 2, Lot 4, monumented with a rebar, 5/8 in. diam., firmly set flush with the surface of the ground, set by Rita M. Lumos, Nevada Professional Land Surveyor No. 5094, with a 2 in. diam. aluminum cap mkd. CITY OF LAS VEGAS PLS 5094 as recorded in Clark County, Nevada, File 122, Page 0035 of surveys.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-top: 1px solid black; border-right: 1px solid black; padding: 0 5px;">1</td> <td style="border-top: 1px solid black; padding: 0 5px;">2</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">Lot 5</td> <td style="padding: 0 5px;">Lot 4</td> </tr> </table> <p>2003</p> </div> <p>Insert the rebar inside the stainless steel post.</p>	1	2	Lot 5	Lot 4
1	2				
Lot 5	Lot 4				
16.519	<p>Point for Angle Point No. 3, identical with Cor. No. 1, Lot 4, determined at intersection with the E. bdy. of the Tp.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p>				

DEPENDENT RESURVEY OF A METES-AND-BOUNDS SURVEY IN SECTION 24,  
T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS							
	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">AP3</td> <td style="border-right: 1px solid black; padding: 0 5px;"> </td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">1</td> <td style="border-right: 1px solid black; padding: 0 5px;"> </td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">LOT 4</td> <td style="border-right: 1px solid black; padding: 0 5px;"> </td> </tr> </table>	AP3		1		LOT 4	
AP3							
1							
LOT 4							
	2003						
	<p>From this point, a rebar, 5/8 in. diam., firmly set flush with the surface of the ground, with a 2 in. diam. aluminum cap, no visible marks, bears N. 87°16'50" E., 3.251 chs. dist., and is accepted as the best available evidence of the position set by Gene D. Krametbauer, Nevada Professional Land Surveyor No. 6201, and described in the field notes of the 1997 survey.</p> <hr/>						
	<p>SURVEY OF LOT 4 IN SECTION 24, T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>						
	<p>Beginning at Cor. No. 1, identical with Angle Point No. 3 of the 1997 metes-and-bounds survey, hereinbefore described.</p>						
	<p>S. 87°16'50" W., on line 1-2, on a portion of the 1997 metes-and-bounds survey and on a portion of the VTN E-W center line of sec. 24.</p>						
7.802	<p>Cor. No. 2, identical with Cor. No. 1, Lot 5, hereinbefore described.</p> <hr/>						
	<p>S. 0°32'50" E., on line 2-3, identical with line 1-4, Lot 5.</p>						
19.067	<p>Cor. No. 3, identical with Cor. No. 4, Lot 5, hereinbefore described.</p> <hr/>						
	<p>N. 86°33'10" E., on line 3-4, on a portion of the E-W center line of the SE1/4 of sec. 24.</p>						
7.514	<p>Cor. No. 4, identical with the S 1/16 sec. cor. of secs. 19 and 24, hereinbefore described.</p> <hr/>						
	<p>N. 0°19'40" E., on line 4-1, between secs. 19 and 24.</p>						
18.985	<p>Cor. No. 1, identical with Angle Point No. 3 of the 1997 metes-and-bounds survey.</p> <hr/>						
	<p>SURVEY OF LOT 5 IN SECTION 24, T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>						
	<p>Beginning at Cor. No. 1, identical with Cor. No. 2, Lot 4, hereinbefore described.</p>						

SURVEY OF LOT 5 IN SECTION 24,  
T. 19 S., R. 60 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>S. 87°16'50" W., on line 1-2, on a portion of the 1997 metes-and-bounds survey and on a portion of the VTN E-W center line of sec. 24.</p>
8.717	<p>Cor. No. 2, identical with Angle Point No. 2 of the 1997 metes-and-bounds survey, hereinbefore described.</p> <hr style="border: 0.5px solid black;"/>
19.174	<p>S. 0°43'00" E., on line 2-3, on a portion of the 1997 metes-and-bounds survey and on a portion of the VTN N-S center line of the SE1/4 of sec. 24.</p> <p>Cor. No. 3, identical with Angle Point No. 1 of the 1997 metes-and-bounds survey, hereinbefore described.</p> <hr style="border: 0.5px solid black;"/>
8.669	<p>N. 86°33'10" E., on line 3-4, on a portion of the E-W center line of the SE1/4 of sec. 24.</p> <p>Cor. No. 4, identical with Cor. No. 3, Lot 4, hereinbefore described.</p> <hr style="border: 0.5px solid black;"/>
19.067	<p>N. 0°32'50" W., on line 4-1, identical with line 3-2, Lot 4.</p> <p>Cor. No. 1, identical with Cor. No. 2, Lot 4.</p> <hr style="border: 0.5px solid black;"/>
<p>GENERAL DESCRIPTION</p>	
<p>The average elevation of the area surveyed is about 2300 feet. General drainage is to the southeast. Vegetation consists of creosote and cacti.</p> <hr style="border: 0.5px solid black;"/>	

212

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Clay W. Morrow

Surveying Technician

Michelle E. Martin

Range Technician

213

CERTIFICATE OF SURVEY

I, Don R. Aschenbach, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 29th day of January, 2003, I have dependently resurveyed a portion of the east boundary, a portion of the subdivision-of-section lines of section 24 and a metes-and-bounds survey in section 24, and surveyed Lots 4 and 5 in section 24, Township 19 South, Range 60 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 24, 2003  
(Date)

Don R. Aschenbach  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the east boundary, a portion of the subdivision-of-section lines of section 24 and a metes-and-bounds survey in section 24, and the survey of Lots 4 and 5 in section 24, Township 19 South, Range 60 East, Mount Diablo Meridian, Nevada, executed by Don R. Aschenbach, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

March 25, 2003  
(Date)

Rob M. Lewis  
(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 19 S., R. 60 E., M.D.M., Nevada, is a true copy of the original field notes.~~

~~\_\_\_\_\_  
(Date)~~

~~\_\_\_\_\_  
(Chief Cadastral Surveyor, Nevada)~~