

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A PORTION OF THE NORTH BOUNDARY
AND A PORTION OF THE SUBDIVISIONAL LINES,
THE SUBDIVISION OF SECTION 5,
AND A METES-AND-BOUNDS SURVEY IN SECTION 5,
TOWNSHIP 23 SOUTH, RANGE 62 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

Richard A. Zaninovich, Cadastral Surveyor

Under Special Instructions dated June 15, 1999,
and approved June 15, 1999,
which provided for the surveys included under Group No. 782,
and Assignment Instructions dated June 15, 1999.

Survey commenced June 15, 1999

Survey completed June 16, 1999

INDEX DIAGRAM

TOWNSHIP 23 SOUTH, RANGE 62 EAST

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

Subdivision of Section 5 pp. 6-9
 Metes-and-Bounds Survey in Section 5 p. 9

T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the north boundary and a portion of the subdivisional lines, the subdivision of section 5, and a metes-and-bounds survey in section 5, Township 23 South, Range 62 East, Mount Diablo Meridian, Nevada.

The north boundary and subdivisional lines were surveyed by T.A. Magee in 1883 under Contract No. 149. The north boundary was dependently resurveyed by E. Voigt and J.W. Hardison in 1942-43 under Group No. 336. A portion of the subdivisional lines were resurveyed by R.A. Zaninovich in 1997 under Group No. 770.

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 set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 782, dated June 15, 1999.

Measurements were made with Trimble 4700 GPS receivers. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.

The geographic position, NAD83, of the corner of sections 5, 6, 7, and 8, as determined by ties made to the corner of sections 17, 18, 19, and 20, the position of which was determined during the course of the resurvey executed under Group No. 770 by ties made to U.S. Coast and Geodetic Survey triangulation station "BLACK", is as follows:

Latitude 35°58'10.30" N. Longitude 115°05'00.04" W.

The mean magnetic declination is 13°30" E., as shown on U.S.G.S. quadrangle map "SLOAN NE" dated 1989.

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,
T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

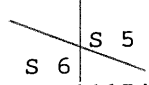
CHAINS	
	<p>Reestablishment of the Survey Executed by T.A. Magee in 1883 and the Resurvey Executed by E. Voigt and J.W. Hardison in 1942-43</p> <hr/> <p>Beginning at the cor. of secs. 4, 5, 32, and 33, on the north boundary of the Tp., monumented with an iron post, 2 in. diam., set in a mound of stone, with brass cap mkd. as described in the field notes of the 1942-43 resurvey.</p> <p>N. 89°35'40" W., bet. secs. 5 and 32.</p>
40.022	<p>The $\frac{1}{4}$ sec. cor. of secs. 5 and 32, monumented with an iron post, 1 in. diam., set in a mound of stone, with brass cap mkd. as described in the field notes of the 1942-43 resurvey.</p> <hr/> <p>N. 89°35'20" W., beginning new measurement.</p>
19.974	<p>The W $\frac{1}{16}$ sec. cor. of secs. 5 and 32, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <p style="text-align: center;">G C WALLACE INC PAUL BURN T22S R62E S32 W $\frac{1}{16}$ ——— S 5 T23S PLS 11174 1998</p> <p>This monument was set by Paul Burn in 1998 as shown on Record of Survey File 99, Page 71, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.</p> <hr/> <p>N. 89°35'20" W., beginning new measurement.</p>
9.986	<p>The W-W $\frac{1}{64}$ sec. cor. of secs. 5 and 32, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <p style="text-align: center;">G C WALLACE INC PAUL BURN T22S S32 W-W $\frac{1}{64}$ ——— S 5 T23S R62E PLS 11174 1998</p> <p>This monument was set by Paul Burn in 1998 as shown on Record of Survey File 99, Page 71, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.</p> <hr/>

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,
T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	N. 89°35'20" W., beginning new measurement.
9.986	The cor. of secs. 5, 6, 31, and 32, monumented with an iron post, 2 ins. diam., projecting 8 ins. above the ground, with brass cap mkd. as described in the field notes of the 1942-43 resurvey, and a mound of stone west of the corner.
	<hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>
	<p>Reestablishment of the Survey Executed by T.A. Magee in 1883</p> <hr/>
	<p>From the cor. of secs. 4, 5, 8, and 9, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <p style="text-align: center;">G C WALLACE T23S R62E S5 S4 <hr/>S8 S9 PLS 9390 1996</p> <p>This monument was set by Byron E. Johnson in 1996 as shown on Record of Survey File 82, Page 54, on file in the office of the Clark County Recorder and is accepted as a careful and faithful reestablishment of the original corner position.</p>
	N. 0°11'00" W., bet. secs. 4 and 5.
16.40	Power transmission line, bears NW-SE.
40.296	<p>The $\frac{1}{4}$ sec. cor. of secs. 4 and 5, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <p style="text-align: center;">G C WALLACE T23S R62E 1/4 S 5 S 4 PLS 11174 1996</p> <p>This monument was set by Paul Burn in 1996 as shown on Record of Survey File 86, Page 60, on file in the office of the Clark County Recorder and is accepted as a careful and faithful reestablishment of the original corner position.</p> <hr/>
	N. 0°11'00" W., beginning new measurement.
40.406	<p>The cor. of secs. 4, 5, 32, and 33, on the north boundary of the Tp., hereinbefore described.</p> <hr/>

CHAINS	
	From the cor. of secs. 4, 5, 8, and 9.
	N. 89°23'00" W., bet. secs. 5 and 8.
39.800	The $\frac{1}{4}$ sec. cor. of secs. 5 and 8, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.
	<div style="text-align: center;"> G C WALLACE T23S R62E S5 1/4 ——— S8 PLS 11174 1996 </div>
	<p>This monument was set by Paul Burn in 1996 as shown on Record of Survey File 86, Page 60, on file in the office of the Clark County Recorder and is accepted as a careful and faithful reestablishment of the original corner position.</p> <hr/>
	N. 89°23'00" W., beginning new measurement.
4.975	The E-E-W $\frac{1}{256}$ sec. cor. of secs. 5 and 8, determined by Paul Burn in 1996 as shown in Record of Survey File 86 page 60, on file in the office of the Clark County Recorder, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd. P.BURN PLS 11174.
	<p>This is accepted as a careful and faithful determination of the corner position.</p> <hr/>
	N. 89°23'00" W., beginning new measurement.
34.825	The cor. of secs. 5, 6, 7, and 8, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.
	<div style="text-align: center;"> G C WALLACE INC PAUL BURN T23S R62E S6 S5 ——— ——— S7 S8 PLS 11174 1999 </div>
	<p>No map record of this monument was found; it is accepted as a careful and faithful reestablishment of the original corner position reestablished by Byron E. Johnson in 1996 and shown on Record of Survey File 82, Page 54, on file in the office of the Clark County Recorder.</p>
	<p>From this corner the cor. of secs. 17, 18, 19, and 20, monumented with a rebar $\frac{5}{8}$ in. diam., projecting 6 ins. above the ground, with aluminum cap mkd. as described in the field notes of the 1997 resurvey executed by R.A. Zaninovich under Group No. 770, bears S. 0°14'10" E., 161.252 chs. dist.</p> <hr/>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	N. 0°27'20" W., bet. secs. 5 and 6.
40.314	Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 6, at proportionate distance; there is no remaining evidence of the original corner. Point falls in the surface of a road under construction; not monumented.
60.471	<p>The N $\frac{1}{16}$ sec. cor. of secs. 5 and 6, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <p style="text-align: center;">G C WALLACE T23S R62E N 1/16 S 6 S 5 PLS 11174 1996</p> <p>This monument was set by Paul Burn in 1996 as shown on Record of Survey File 86, Page 60, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.</p> <hr/> <p>N. 0°27'20" W., beginning new measurement.</p>
5.183	<p>A witness point at the intersection of the southerly boundary line of right-of-way N-59499, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <p style="text-align: center;">G C WALLACE INC PAUL BURN T23S R62E WP  PLS 11174 1998</p> <p>This monument was set by Paul Burn in 1998 as shown on Record of Survey File 99, Page 71, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the intersection point. This point will now also function as Angle Point No. 2, of the metes-and-bounds survey in sec. 5, hereinafter described.</p> <hr/> <p>N. 0°27'20" W., beginning new measurement.</p>
0.790	Power transmission line, bears N. 73°47'00" W. and S. 73°47'00" E.
14.762	The cor. of secs. 5, 6, 31, and 32, on the north boundary of the Tp., hereinbefore described.

SUBDIVISION OF SECTION 5,
T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	From the $\frac{1}{4}$ sec. cor. of secs. 5 and 8.
	N. $0^{\circ}20'40''$ W., on the N-S center line of sec. 5.
40.306	The center $\frac{1}{4}$ sec. cor. of sec. 5, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.
	<p style="text-align: center;">G C WALLACE T23S R62E C $\frac{1}{4}$ S 5 PLS 11174 1996</p>
	This monument was set by Paul Burn in 1996 as shown on Record of Survey File 86, Page 60, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.
	<hr/>
	N. $0^{\circ}20'40''$ W., beginning new measurement.
12.60	Power transmission line, bears NW-SE.
20.150	The center N $\frac{1}{16}$ sec. cor. of sec. 5, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.
	<p style="text-align: center;">G C WALLACE INC PAUL BURN T23S R62E C N $\frac{1}{16}$ S 5 C 1998 PLS 11174 1998</p>
	This monument was set by Paul Burn in 1998 as shown on Record of Survey File 99, Page 71, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.
	<hr/>
	N. $0^{\circ}20'40''$ W., beginning new measurement.
20.099	The $\frac{1}{4}$ sec. cor. of secs. 5 and 32, on the north boundary of the Tp., hereinbefore described.
	<hr/>
	From the $\frac{1}{4}$ sec. cor. of secs. 4 and 5.
	N. $89^{\circ}22'20''$ W., on the E-W center line of sec. 5.
26.10	Power transmission line, bears NW-SE.
39.915	The center $\frac{1}{4}$ sec. cor.
	<hr/>
	N. $89^{\circ}22'20''$ W., beginning new measurement.

SUBDIVISION OF SECTION 5,
T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS 9.968</p>	<p>The center E-W 1/64 sec. cor. of sec. 5 determined by Paul Burn in 1996 as shown on Record of Survey File 86, Page 60, on file in the office of the Clark County Recorder, monumented with a rebar, $\frac{5}{8}$ in diam., set flush with the surface of the ground, with aluminum cap mkd. P. Burn PLS 11174.</p> <p>This is accepted as a careful and faithful determination of the corner position.</p> <hr/>
<p>4.984</p>	<p>N. 89°22'20" W., beginning new measurement.</p> <p>The center W-E-W 1/256 sec. cor. of sec. 5, determined by Paul Burn in 1996 as shown on Record of Survey File 86, Page 60, on file in the office of the Clark County Recorder, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd. P. Burn PLS 11174.</p> <p>This is accepted as a careful and faithful determination of the corner position.</p> <hr/>
<p>4.984</p>	<p>N. 89°22'20" W., beginning new measurement.</p> <p>The center W $\frac{1}{16}$ sec. cor. of sec. 5, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>G C WALLACE INC PAUL BURN T23S R62E W $\frac{1}{16}$ C ——— C S 5 PLS 11174 1998</p> </div> <p>This monument was set by Paul Burn in 1998 as shown on Record of Survey File 99, Page 71, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.</p> <hr/>
<p>19.936</p>	<p>N. 89°22'20" W., beginning new measurement.</p> <p>The point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 6.</p> <hr/> <p>From the center W $\frac{1}{16}$ sec. cor.</p> <p>N. 0°24'00" W., on the N-S center line of the NW$\frac{1}{4}$.</p>
<p>20.153</p>	<p>The NW $\frac{1}{16}$ sec. cor. of sec. 5, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p>

SUBDIVISION OF SECTION 5,
T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p style="text-align: center;">G C WALLACE INC PAUL BURN T23S R62E NW 1/16 S 5 PLS 11174 1998</p> <p>This monument was set by Paul Burn in 1998 as shown on Record of Survey File 99, Page 71, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.</p> <hr/> <p>N. 0°24'00" W., beginning new measurement.</p> <p>0.40 Power transmission line, bears NW-SE.</p> <p>20.024 The W $\frac{1}{16}$ sec. cor. of secs. 5 and 32, on the north boundary of the Tp., hereinbefore described.</p> <hr/> <p>From the center N $\frac{1}{16}$ sec. cor.</p> <p>N. 89°22'10" W., on the E-W center line of the NW$\frac{1}{4}$.</p> <p>18.60 Power transmission line, bears NW-SE.</p> <p>19.957 The NW $\frac{1}{16}$ sec. cor.</p> <hr/> <p>N. 89°22'10" W., beginning new measurement.</p> <p>9.977 The center W-NW $\frac{1}{64}$ sec. cor. of sec. 5, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <p style="text-align: center;">G C WALLACE INC PAUL BURN T23S R62S C-W-NW 1/64 S 5 PLS 11174 1998</p> <p>This monument was set by Paul Burn in 1998 as shown on Record of Survey File 99, Page 71, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.</p> <hr/> <p>N. 89°22'10" W., beginning new measurement.</p> <p>9.977 The N $\frac{1}{16}$ sec. cor. of secs. 5 and 6.</p> <hr/> <p>From the center W-NW $\frac{1}{64}$ sec. cor.</p> <p>N. 0°25'50" W., on the N-S center line of the NW$\frac{1}{4}$ NW$\frac{1}{4}$.</p>
--------	--

SUBDIVISION OF SECTION 5,
T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS 2.385</p>	<p>A witness point at the intersection of the southerly boundary line of right-of-way N-59499, monumented with a rebar, $\frac{5}{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.</p> <p style="text-align: center;">G C WALLACE INC PAUL BURN T23S R62E WP WW 5 S WW PLS 11174 1998</p> <p>This monument was set by Paul Burn in 1998 as shown on Record of Survey File 99, Page 71, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the intersection point. This point will now also function as Angle Point No. 1, of the metes-and-bounds survey in sec. 5, hereinafter described.</p> <hr/> <p>N. 0°25'50" W., beginning new measurement.</p> <p>0.790 Power transmission line, bears N. 73°47'00" W. and S. 73°47'00" E.</p> <p>17.600 The W-W $\frac{1}{64}$ sec. cor. of secs. 5 and 32, on the north boundary of the Tp., hereinbefore described.</p> <hr/> <p style="text-align: center;">METES-AND-BOUNDS SURVEY IN SECTION 5, T. 23 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>From the witness point at the intersection of the N-S center line of the NW$\frac{1}{4}$ NW$\frac{1}{4}$ with the southerly boundary line of right-of-way N-59499, identical with Angle Point No. 1.</p> <p>N. 73°47'00" W., on line 1-2.</p> <p>10.414 The witness point at the intersection of the line bet. secs. 5 and 6 with the southerly boundary line of right-of-way N-59499, identical with Angle Point No. 2.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The average elevation of the area surveyed is about 2700 feet. General drainage is to the northwest. Vegetation consists of creosote and cacti.</p> <hr/>
-------------------------	---

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Ronald E. Williams Cadastral Surveyor


Clay W. Morrow Survey Technician

CERTIFICATE OF SURVEY

I, Richard A. Zaninovich, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 15th day of June, 1999, I have dependently resurveyed a portion of the north boundary and a portion of the subdivisional lines, subdivided section 5, and executed a metes-and-bounds survey in section 5, Township 23 South, Range 62 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.

7-16-99

(Date)


(Cadastral Surveyor)

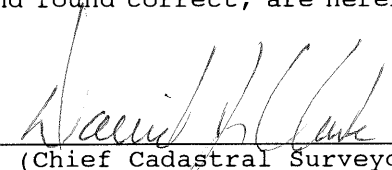
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the north boundary and a portion of the subdivisional lines, the subdivision of section 5, and a metes-and-bounds survey in section 5, Township 23 South, Range 62 East, Mount Diablo Meridian, Nevada, executed by Richard A. Zaninovich, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

July 20, 1999

(Date)


(Chief Cadastral Surveyor, Nevada)~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 23 S., R. 62 E., M.D.M., Nevada, is a true copy of the original field notes.~~

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