UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISION OF SECTION 24,

THE FURTHER SUBDIVISION OF SECTION 24,

AND

A METES-AND-BOUNDS SURVEY IN SECTION 24,

TOWNSHIP 19 SOUTH, RANGE 61 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA.

EXECUTED BY

Carlos Gil Mendoza, Cadastral Surveyor

Under Special Instructions dated March 14, 2017,

and approved March 14, 2017,

which provided for the surveys included under Group No. 967,

and Assignment Instructions dated March 14, 2017.

Survey commenced March 15, 2017
Survey completed May 2, 2017

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TOWNSHIP 19 SOUTH, RANGE 61 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivision of section 24, the further subdivision of section 24, and a metes-and-bounds survey in section 24, Township 19 South, Range 61 East, Mount Diablo Meridian, Nevada.

The township boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyors R.H. Woods and W.H. Myrick in 1881 and 1882, under Contract No. 111. A portion of the east and north boundaries and a portion of the subdivisional lines were dependently resurveyed and certain sections were subdivided by Cadastral Surveyor R.E. Williams in 1991, under Group No. 697. A portion of the east boundary was dependently resurveyed by Cadastral Surveyor R.A. Zaninovich in 1999-2000, under Group No. 780.

In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for any evidence of the position of the original corners and other calls of the original field note record.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 967, dated March 14, 2017.

Measurements were made with Trimble R-8 and R-10 Global Positioning System (GPS) receivers using the real-time kinematic 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.

The NAD 1983 (2011) (EPOCH:2010.00) geographic position, of the following corners were determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS) RAINBOWELLCS2006 CORS ARP, SILURIANHICS2008 CORS ARP, MOUNTPASS CS2005 CORS ARP, and carried forward by RTK observations.

The W 1/16 sec. cor. of secs. 13 and 24, is as follows:

Latitude: 36°17'27.831" N. Longitude: 115°06'44.064" W.

The center 1/4 sec. cor. of sec. 24, is as follows:

Latitude: 36°17'01.674" N. Longitude: 115°06'27.857" W.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF SECTION 24,

T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

Reestablishment of the Survey Executed by Cadastral Surveyor Ronald E. Williams in 1991.

Beginning at the center 1/4 sec. cor. of sec. 24, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the surface of the ground, with brass cap mkd. as described in the field notes of the 1991 subdivision of section 24, T. 19 S., R. 61 E., executed under Group No. 697.

from which accessories established by Larry E. Crow, Nevada Professional Land Surveyor No. 9399, in 1992, as recorded in Clark County, Nevada, corner record 19920521-0000720, sheet 9

An aluminum cap, 2 ins. diam., firmly set in concrete base, flush with the surface of the ground, mkd.

NORTH LAS VEGAS SURVEY MONUMENT RM 81.36 PLS 9399, bears N. 48°27'00" E., 123.3 lks. dist.

An aluminum cap, 2 ins. diam., firmly set in concrete base, flush with the surface of the ground, mkd.

NORTH LAS VEGAS SURVEY MONUMENT RM 89.89 PLS 9399, bears S. 38°11'00" E., 136.2 lks. dist.

An aluminum cap, 2 ins. diam., firmly set in concrete base, flush with the surface of the ground, mkd.

NORTH LAS VEGAS SURVEY MONUMENT RM 97.63 PLS 9399, bears S. 48°29'50" W., 147.9 lks. dist.

An aluminum cap, 2 ins. diam., firmly set in concrete base, flush with the surface of the ground, mkd.

NORTH LAS VEGAS SURVEY MONUMENT RM 76.55 PLS 9399, bears N. 38°10'00" W., 116.0 lks. dist.

N. 0°12'30" E., on the N-S center line of sec. 24.

20.310

The C-N 1/16 sec. cor. of sec. 24, determined by Allen L. Hagen, Nevada Professional Land Surveyor No. 7755, in 1997, monumented with a rebar, 5/8 in. diam., 18 ins. long, firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. A.L. HAGEN PLS 7755, as recorded in Clark County, Nevada, File 89, Page 3, of Surveys, and is accepted as a careful and faithful determination of the position of the corner.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, over a plastic-encased magnet, with brass cap mkd.

2017

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF SECTION 24,

	T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	Insert rebar inside the stainless steel post.
	N. 0°12'30" E., beginning new measurement.
6.841	The witness point at the intersection with the southerly right-of-way line of Clark County Hwy. No. 215, hereinafter described.
10.597	Southerly edge of asphalt on east bound lanes of Clark County Hwy. No. 215, bears E. and W.
12.873	Northerly edge of asphalt on west bound lanes of Clark County Hwy. No. 215, bears E. and W.
20.310	The 1/4 sec. cor. of secs. 13 and 24, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the surface of the ground, in a collar of stone, with brass cap mkd. as described in the field notes of the 1991 dependent resurvey of a portion of the subdivisional lines of T. 19 S., R. 61 E., executed under Group No. 697.
	from which accessories established by Larry E. Crow, Nevada Professional Land Surveyor No. 9399, in 1993, as recorded in Clark County, Nevada, corner record 19931215-0001510, sheet 9
	An aluminum cap, 2 ins. diam., firmly set, flush with the surface of the ground, with aluminum cap mkd. NORTH LAS VEGAS SURVEY MONUMENT RM 59.11 PLS 9399, bears N. 52°14'40" E., 89.6 lks. dist.
	A rebar, 5/8 in. diam., firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. NORTH LAS VEGAS SURVEY MONUMENT RM 60.01 PLS 9399, bears S. 46°36'30" E., 90.9 lks. dist.
	A rebar, 5/8 in. diam., firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. NORTH LAS VEGAS SURVEY MONUMENT RM 50.93 PLS 9399, bears S. 52°14'50" W., 77.2 lks. dist.
	A rebar, 5/8 in. diam., firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. NORTH LAS VEGAS SURVEY MONUMENT RM 69.50 PLS 9399, bears N. 46°36'40" W., 105.3 lks. dist.
	from this cor., a position determined by Richard L. Haffen, Nevada Professional Land Surveyor No. 4428, bears N. 39°13'30" W., 0.959 chs. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the surface of the ground, with yellow plastic cap mkd. R.L. HAFFEN RLS 4428, no record found.

FURTHER SUBDIVISION OF SECTION 24, T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

From the C-W 1/16 sec. cor. of sec. 24, reestablished by Ralph R. Matecki JR., Nevada Professional Land Surveyor No. 12465, in 2001, as recorded in Clark County, Nevada, File 118, Page 5, of Surveys. This corner was later perpetuated by Stephen P. Gates, Nevada Professional Land Surveyor No. 13384, in 2007, monumented with an aluminum cap, 1 1/2 ins. diam., firmly set flush with the surface of the asphalt, mkd. DRC PLS 13384, as recorded in Clark County, Nevada, corner record 20070419-0005207 and is accepted as a careful and faithful reestablishment of the position of the 1991 resurvey corner.

from which accessories established by Gates

An aluminum cap, 2 ins. diam., firmly set in top of concrete curb, mkd. RM 79.93 PLS 13384, bears S. 18°24'40" W., 121.1 lks. dist.

An aluminum cap, 2 ins. diam., firmly set in top of concrete curb, mkd. RM 74.41 PLS 13384, bears S. 19°49'00" W., 112.7 lks. dist.

An aluminum cap, 2 ins. diam., firmly set in top of concrete curb, mkd. RM 70.07 PLS 13384, bears S. 59°05'30" W., 106.2 lks. dist.

An aluminum cap, 2 ins. diam., firmly set in top of concrete curb, mkd. RM 75.06 PLS 13384, bears S. 61°14'40" W., 113.7 lks. dist.

and the accessories established by Larry E. Crow, Nevada Professional Land Surveyor No. 9399, in 1993, as recorded in Clark County, Nevada, corner record 19930922-0001532, sheet 27

- A rebar, 5/8 in. diam., firmly set, 3 ins. below the surface of the ground, with aluminum cap mkd. NORTH LAS VEGAS SURVEY MONUMENT RM 67.36 PLS 9399, bears N. 42°30'50" E., 102.1 lks. dist.
- A rebar, 5/8 in. diam., firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. NORTH LAS VEGAS SURVEY MONUMENT RM 93.50 PLS 9399, bears N. 42°17'30" W., 141.7 lks. dist.

Cor. is located at the intersection of "N. McCarran Street", bears S., and "E. Deer Springs Way", bears W.

N. 0°22'50" E., on the N-S center line of the NW1/4 of sec. 24.

20.227

The NW 1/16 sec. cor. of sec. 24, determined by Allen L. Hagen, Nevada Professional Land Surveyor No. 7755, in 1997, monumented with a rebar, 5/8 in. diam., 18 ins. long, firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. A.L. HAGEN PLS 7755, as recorded in Clark County, Nevada, File 89, Page 3, of Surveys and is accepted as a careful and faithful determination of the position of the corner.

At the corner point

FURTHER SUBDIVISION OF SECTION 24, T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.			
	NW 1/16 S24			
	2017			
	Insert rebar inside the stainless steel post.			
	N. 0°22'50" E., beginning new measurement.			
6.957	The witness point at the intersection with the southerly right-of-way line of Clark County Hwy. No. 215, hereinafter described.			
10.393	Southerly edge of asphalt on east bound lanes of Clark County Hwy No. 215, bears E. and W.			
13.829	Northerly edge of asphalt on west bound lanes of Clark County Hwy No. 215, bears E. and W.			
20.227	The W 1/16 sec. cor. of secs. 13 and 24, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the surface of the ground, in a collar of stone, with brass cap mkd. as described in the field notes of the 1991 dependent resurvey of a portion of the subdivisional lines of T. 19 S., R. 61 E., executed under Group No. 697.			
	from which accessories established by Paul B. Chandler, Nevada Professional Land Surveyor No. 8660, in 1991, as recorded in Clark County, Nevada, File 71, Page 75, of Parcel Maps			
	A bent rebar, 5/8 in. diam., firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. PDG INC PLS 8660, bears N. 45°08'30" E., 76.0 lks. dist.			
	A rebar, 5/8 in. diam., firmly set, projecting 4 ins. above the surface of the ground, with aluminum cap mkd. PDG INC PLS 8660, bears S. 44°51'00" E., 75.8 lks. dist.			
	A rebar, 5/8 in. diam., firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. PDG INC PLS 8660, bears S. 45°15'50" W., 75.8 lks. dist.			
	A rebar, 5/8 in. diam., firmly set, projecting 1 in. above the surface of the ground, with aluminum cap mkd. PDG INC PLS 8660, bears N. 44°45'00" W., 75.8 lks. dist.			
	from this cor., a position determined by persons unknown, bears N. 30°30'30" E., 0.895 chs. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 1 in. above the surface of the ground, with yellow plastic cap and illegible markings.			

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FURTHER SUBDIVISION OF SECTION 24, T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	from this same cor., a position determined by Larry E. Crow, Nevada Professional Land Surveyor No. 9399, bears N. 43°00'30" E., 1.103 chs. dist., monumented with a rebar, 5/8 in. diam., firmly set, projecting 3 ins. above the surface of the ground, with aluminum cap mkd. NORTH LAS VEGAS SURVEY MONUMENT PLS 9399, no record found. from this same cor., a position determined by Larry E. Crow, Nevada Professional Land Surveyor No. 9399, bears S. 56°43'50" E., 1.129 chs. dist., monumented with a rebar, 5/8 in. diam., firmly set, flush with the surface of the ground, with aluminum cap mkd. NORTH LAS VEGAS SURVEY MONUMENT PLS 9399, no record found.
	From the C-N 1/16 sec. cor. of sec. 24.
20.318	S. 88°43'10" W., on the E-W center line of the NW1/4 of sec. 24. The NW 1/16 sec. cor. of sec. 24.
	S. 88°43'10" W., beginning new measurement.
18.621	The witness point at the intersection with the southerly right-of-way line of Clark County Hwy. No. 215, hereinafter described.
19.029	Easterly edge of the asphalt of the north bound lanes of Losee Road, bears N. and S.
20.319	The N 1/16 sec. cor. of secs. 23 and 24, determined at record distance from reference monuments to the corner position reestablished by Eslyn Brenner, Nevada Professional Land Surveyor No. 5088, in 2003, as recorded in Clark County, Nevada, File 128, Page 34, of Surveys. This position is accepted as a careful and faithful reestablishment of the position of the original corner.
	from which the only remaining reference monuments established by Eslyn Brenner
į	A rebar, 5/8 in. diam., firmly set, 2 ins. below the surface of the ground with aluminum cap mkd. E. BRENNER 128.75 PLS 5088, bears S. 38°23'37" E., 195.1 lks. dist.
	An aluminum cap, 1 1/2 in. diam., firmly set, 12 ins. below the surface of the ground, with aluminum cap, illegible markings, bears S. 34°54'48" W., 185.5 lks. dist.
	At the corner point
	Set a magnetic survey nail, 3 ins. long, 3/8 in. diam., flush with the surface of the asphalt, with underlying aluminum washer, 2 ins. diam., mkd.

FURTHER SUBDIVISION OF SECTION 24, T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

BLM Cadastral Survey

2017

from which new accessories

- A magnetic survey nail, 3 ins. long, 3/8 in. diam., in top of concrete pad, with underlying aluminum washer, 2 ins. diam., mkd. BLM CADASTRAL SURVEY RM 2017, bears N. 74°19'14" E., 192.2 lks. dist.
- A magnetic survey nail, 3 ins. long, 3/8 in. diam., in top of concrete curb of median, with underlying aluminum washer, 2 ins. diam., mkd. BLM CADASTRAL SURVEY RM 2017, S. 01°00'37" E., 360.9 lks. dist.

Cor. is located on Losee Road.

METES-AND-BOUNDS SURVEY IN SECTION 24, T. 19 S. R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

MEMORANDUM

The following metes-and-bounds survey identifies a portion of the southerly right-of-way of Clark County Hwy. No. 215 in section 24, T. 19 S. R. 61 E., depicted on right-of-way drawings revised November 28, 2000, provided to the Southern Nevada District Office by Clark County, available in Bureau of Land Management case file No. N-61323.

From the point for a witness point at the intersection of the southerly right-of-way line of Clark County Hwy. 215 with the N-S center line of sec. 24.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

WP

C S 24

2017

Cor. is located 1 lk. S. of chain link fence, bears E. and W.

From this point, the center N 1/16 sec. cor. of sec. 24, bears S. 0°12'30" W., 6.841 chs. dist.

METES-AND-BOUNDS SURVEY IN SECTION 24, T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
3333333	Thence S. 89°02'40" W., on the southerly right-of-way of Clark County Hwy. 215.
20.295	Point for a witness point at the intersection with the N-S center line of the NW1/4 of sec. 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	WP
	W
	. "
	S 24
	-
	W
	2017
	Cor. is located 1 lk. S. of chain link fence, bears E. and W.
25.590	Point of curvature.
-	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	DG.
	PC
	S24
	2017
	Cor. is located in a chain link fence, bears E. and WSW. on a curve.
	Thence along the arc of a non-tangent circular curve to the left, having a radius of 1700.00 ft., from which a radial line bears N. 20°42'30" W.; the long chord of said arc bears S. 66°15'40" W., 2.722 chs. dist.
2.724	End of curve and point of reverse curvature.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

METES-AND-BOUNDS SURVEY IN SECTION 24, T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	PRC1
	S24
	2017
	Cor. is located in a chain link fence, bears ENE. on a curve and WSW. on a curve.
	Thence along the arc of a circular curve to the right, having a radius of 1320.00 ft., from which a radial line bears S. 26°46'00" E.; the long chord of said arc bears S. 77°40'00" W., 9.971 chs. dist.
10.077	End of curve and point of reverse curvature.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	PRC2
	/ S24
	2017
	Cor. is located 1 lk. S. of chain link fence, bears ENE. on a curve and SW. on a curve.
	Thence along the arc of a circular curve to the left, having a radius of 50.00 ft., from which the radial line bears N. 2°06'00" E.; the long chord of said arc bears S. 49°02'40" W., 1.034 chs. dist.
1.139	Point of tangency.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	PT
	S24
	2017
	2017
;	Cor. is located 1 lk. E. of chain link fence, bears NE. on a curve and SSW.

METES-AND-BOUNDS SURVEY IN SECTION 24,

T. 19 S., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA CHAINS S. 5°59'20" W., beginning new measurement. 3.400 Point for a witness point at the intersection with the E-W center line of the NW1/4 of sec. 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. WP 2017 Cor. is located 1 lk. E. of chain link fence, bears NNE. and SSW. From this point, the N 1/16 sec. cor. of secs. 23 and 24, bears S. 88°43'10" W., 1.698 chs. dist. GENERAL DESCRIPTION The area included within this survey is situated in the City of North Las Vegas. The land is nearly level with an approximate elevation of 2100 feet above sea level. Vegetation consists of creosote and sagebrush. The area is accessed from Clark County Hwy. 215 at Losee Road exit. To the south of the area surveyed are residential subdivisions and to the north is Hwy. 215 and open desert.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Lee T. Wilson

Cadastral Surveyor

CERTIFICATE OF SURVEY

I, Carlos Gil Mendoza, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day of March, 2017, I have dependently resurveyed a portion of the subdivision of section 24, further subdivided section 24, and executed a metes-and-bounds survey in section 24, Township 19 South, Range 61 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.

DEC 1 9 2017

(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 subdivision of section 24, the further subdivision of section 24, and a metesand-bounds survey in section 24, Township 19 South, Range 61 East, of the Mount Diablo Meridian, Nevada, executed by Carlos Gil Mendoza, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 1 9 2017

(Date)

(Chief Cadastral Surveyor for Nevada)

CEDTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in Township 19 South, Range 61 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.

(Date)

(Chief Gadastral Surveyor for Nevada