UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

THE NEVADA-ARIZONA STATE LINE

BETWEEN MILE POST NOS. 306 AND 311,

AND THE THIRD STANDARD PARALLEL SOUTH,

THROUGH A PORTION OF RANGE 71 EAST,

AND

THE INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,

AND

METES-AND-BOUNDS SURVEYS OF TRACTS 37 AND 38,
AND METES-AND-BOUNDS SURVEYS IN CERTAIN SECTIONS,

TOWNSHIP 12 SOUTH, RANGE 71 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Thomas E. Casinger, Cadastral Surveyor

Under Special Instructions dated April 14, 2000, approved April 14, 2000, and Supplemental Special Instructions dated April 23, 2001,

approved April 23, 2001,

which provided for the surveys included under Group No. 790, and Assignment Instructions dated April 14, 2000.

Survey commenced April 18, 2000 Survey completed May 2, 2001

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TOWNSHIP 12 SOUTH, RANGE 71 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of the Nevada-Arizona State Line between Mile Post Nos. 306 and 311, and the Third Standard Parallel South, through a portion of Range 71 East, and the independent resurvey of a portion of the subdivisional lines, and metes-and-bounds surveys of Tracts 37 and 38, and metes-and-bounds surveys in certain sections, Township 12 South, Range 71 East, Mount Diablo Meridian, Nevada.

The state boundary between Arizona and Nevada (east boundary) was surveyed by Practical Astronomer and Surveyor I.E. James, in 1870. The south, west and north boundaries, and the subdivisional lines were surveyed by U.S. Deputy Surveyor W.H. Myrick, in 1881, under Contract No. 123. The resurvey of the Nevada-Arizona State Line from Mile Posts 300 to 319 was executed by U.S. Surveyor T.B. Matthews, in 1912-13, under Group No. 21, Arizona. The Third Standard Parallel South, through Range 71 East, was independently resurveyed by U.S. Surveyor R.C. Yundt, in 1934, under Group No. 178. The retracement and dependent resurvey of the Nevada-Arizona State Line between Mile Posts 310 and 318 was executed by U.S. Cadastral Engineer C.S. Swanholm, U.S. Surveyor R.C. Yundt and U.S. Transitman F. Sadler, in 1933-34, under Group No. 178. The west boundary was independently resurveyed by Cadastral Engineers Q. Campbell and R.F. Wilson, in 1953, under Group No. 183.

INVESTIGATION

A report of survey conditions, dated August 15, 1932, by U.S. Cadastral Engineer C.S. Swanholm, reported surveys throughout the region were fictitious or grossly erroneous.

PLAT SUSPENDED

A portion of the original plat of T. 12 S., R. 71 E. was suspended by memorandum to the State Director, dated August 18, 1964, signed by C.E. Remington, Chief, Division of Engineering.

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 survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions for Group No. 790, Nevada dated April 14, 2000 and Supplemental Special Instructions dated April 23, 2001.

Preliminary to the dependent resurveys, the lines of the previous surveys were retraced and diligent search was made for all corners and other calls of the field note record. Identified corners were remonumented in their original positions; lost corners were reestablished and monumented at proportionate positions based on the latest official record, but only after exhausting every possibility of finding direct evidence of such corners. The retracement data was thoroughly verified and only true line field notes are given herein, which refer to the completed survey.

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

TOWNSHIP 12 SOUTH, RANGE 71 EAST, MOUNT DIABLO MERIDIAN, NEVADA CHAINS The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes. The geographic position for Mile Post No. 311, on the Nevada-Arizona State Line, is at Lat. 36°50'34.169" N., Long. 114°03'01.252" W. -NAD 83 (1994) as determined by survey grade GPS receiver, in 2000, from National Geodetic Survey Control Station "FAA 67L A" located in sec. 3, T. 13 S., R. 71 E. The mean magnetic declination is 14° E., as shown on U.S.G.S. quadrangle map "MESQUITE, NEV.-ARIZ.", provisional edition dated 1985. DEPENDENT RESURVEY OF THE NEVADA-ARIZONA STATE LINE BETWEEN MILE POST NOS. 306 AND 311 Reestablishment of a Portion of the Survey Executed by I.E. James, Practical Astronomer and Surveyor in 1870, and a Portion of the Resurvey Executed by T.B. Matthews, U.S. Surveyor in 1912-13 under Group No. 21, Arizona Beginning at Mile Post No. 306, monumented with a limestone, 26x12x5 ins., firmly set 11 ins. in the ground, dimly mkd. M306 on the N. face, ARIZ on the E. face and NEV on the W. face. (Record, 34x6x14 ins.) At the corner point 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. MP 306 NEV ARIZ 2000 Deposit the original cornerstone alongside stainless steel post. Cor. is located 4 lks. E. of fence extending N. and S. S. 0°18'10" E., along the 307th mile. Over rolling terrain, along fence. The closing cor. of secs. 5 and 32, Tps. 40 and 41 N., R. 16 W., Gila and Salt Lake Meridian, Arizona, bears East, 0.073 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. as 67.629 described in the field notes of the subdivision of T. 40 N., R. 16 W., executed under Group No. 21, Arizona. The closing cor. of secs. 10 and 15, T. 12 S., R. 71 E., 79.029 hereinafter described. Mile Post No. 307, monumented with a limestone, 20x12x7 ins., 80.255 firmly set 8 ins. in the ground, dimly mkd. 307 on the N. face, ARIZ on the E. face and NEV on the W. face, encircled in a collar of stone, $2^{1}/_{2}$ ft. base, to top. (Record, 30x8x10 ins.)

DEPENDENT RESURVEY OF THE NEVADA-ARIZONA STATE LINE BETWEEN MILE POST NOS. 306 TO 311

CHAINS	At the corner point
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 22 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	MP 307 NEV ARIZ
	2000
	Deposit the original cornerstone alongside stainless steel post.
	Cor. is located 20 lks. E. of fence line extending N. and S.
	S. 1°08'40" W., along the 308th mile.
	Over rolling terrain, along fence.
38.781	The $^{1}/_{\!4}$ sec. cor. of sec. 15 only, T. 12 S., R. 71 E., hereinafter described.
67.713	The closing cor. of secs. 5 and 8, T. 40 N., R. 16 W., Gila and Salt Lake Meridian, Arizona, bears East, 0.048 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 16 ins. above the ground, with a mound of stone, $2^{1}/_{2}$ ft. base, $1^{1}/_{2}$ ft. high, E. of the corner, with brass cap mkd. as described in the field notes of the subdivision of T. 40 N., R. 16 W., executed under Group No. 21, Arizona.
78.789	The closing cor. of secs. 15 and 22, T. 12 S., R. 71 E., hereinafter described.
80.273	Point for Mile Post No. 308, at proportionate dist. by the method of irregular boundary adjustment, recovered the top portion of a limestone, 16x12x8 ins., laying loose nearby, mkd. ARIZ and NEV on opposite faces.
	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.
	MP 308 NEV ARIZ
	2000
	Deposit the top portion of the original cornerstone alongside stainless steel post.
	Cor. is located 28 lks. W. of fence line extending N. and S.
	S. 0°09'30" E., along the 309th mile.
	Over rolling terrain, along fence.
38.516	The $^{1}/_{4}$ sec. cor. of sec. 22 only, T. 12 S., R. 71 E., hereinafter described.

DEPENDENT RESURVEY OF THE NEVADA-ARIZONA STATE LINE BETWEEN MILE POST NOS. 306 TO 311

	BETWEEN MILE POST NOS. 306 TO 311
CHAINS 67.426	The closing cor. of secs. 8 and 17, T. 40 N., R. 16 W., Gila and Salt Lake Meridian, Arizona, bears East, 0.015 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the subdivision of T. 40 N., R. 16 W., executed under Group No. 21, Arizona.
78.516	The closing cor. of secs. 22 and 27, T. 12 S., R. 71 E., hereinafter described.
80.046	Mile Post No. 309, monumented with a limestone, 24x18x16 ins., laying loose, dimly mkd. NEV on top and illegibly mkd. on the side. Accepted base of stone as the best available evidence of the original corner position. (Record, 32x14x12 ins.)
	At the corner point
	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.
	MP 309 NEV ARIZ
	2000
	Deposit the original cornerstone alongside stainless steel post.
	Build a mound of stone, $2^{1}/_{2}$ ft. base, $1^{1}/_{2}$ ft. high, W. of the cor.
	Cor. is located on the north side of ravine, 42 lks. W. of fence line extending N. and S.
	S. 0°07'00" W., along the 310th mile.
	Over mountainous terrain, along fence.
38.470	The $^{1}/_{4}$ sec. cor. of sec. 27 only, T. 12 S., R. 71 E., hereinafter described.
67.314	The closing cor. of secs. 17 and 20, T. 40 N., R. 16 W., Gila and Salt Lake Meridian, Arizona, monumented with an iron post, 2 ins. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd. as described in the field notes of the subdivision of T. 40 N., R. 16 W., executed under Group No. 21, Arizona.
78.470	The closing cor. of secs. 27 and 34, T. 12 S., R. 71 E., hereinafter described.
80.679	Mile Post No. 310, monumented with a limestone, $14 \times 12 \times 7$ ins., firmly set 12 ins. in the ground, dimly mkd. ARIZ on the E. face and NEV on the W. face, with a mound of stone, $2^{1}/_{2}$ ft. base, 1 ft. high, N. of the corner. (Record, $30 \times 18 \times 10$ ins.)
	At the corner point
	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.

DEPENDENT RESURVEY OF THE NEVADA-ARIZONA STATE LINE BETWEEN MILE POST NOS. 306 TO 311

	MD 210
	MP 310 NEV ARIZ
	2000
	Deposit the original cornerstone alongside stainless steel post.
	Cor. is located 150 lks. W. of fence line extending N. and S.
	s. 1°08'00" E., along the 311th mile.
	Over mountainous terrain.
37.807	True point for the $^{1}/_{4}$ sec. cor. of sec. 34 only, T. 12 S., R. 71 E., hereinafter described.
66.556	The closing cor. of secs. 20 and 29, T. 40 N., R. 16 W., Gila and Salt Lake Meridian, Arizona, bears East, 0.110 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the subdivision of T. 40 N., R. 16 W., executed under Group No. 21, Arizona.
77.823	The standard closing cor. of secs. 3 and 34, Tps. 12 and 13 S., R. 71 E., hereinafter described.
79.582	Mile Post No. 311, remonumented by Scott M. Bullock, Nevada Professional Land Surveyor No. 2346 (Arizona Professional Land Surveyor No. 21056), with a rebar, 5/8 in. diam., 24 ins. long firmly set 24 ins. in the ground, with plastic cap mkd. BULLOCK BROS LS 21056, with an unmarked limestone, 18x16x10 ins., laying alongside. This position has been adopted and recorded by various other professional land surveyors and is accepted as a careful and faithful reestablishment of the original corner.
	At the corner point
	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
	MP 311 NEV ARIZ
	2000
	Place rebar inside the stainless steel post, deposit unmarked limestone and set steel fence post alongside.
	Timescone and set steel lence post alongside.
	Cor. is located 5 lks. E. of fence extending N. and S.

CHAINS	Reestablishment of a portion of the Independent Resurvey Executed by R.C. Yundt, U.S. Surveyor, in 1934 Superseding the Survey Executed by W.H. Myrick, U.S. Deputy Surveyor, in 1881
	From the standard sec. cor. of secs. 31 and 32, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above the ground, encircled in a collar of stone, with brass cap mkd. as described in the field notes of the independent resurvey of the Third Standard Parallel South, through Range 71 East, executed under Group No. 178.
	Set a carsonite post alongside stainless steel post.
	S. 89°56'30" E., on the S. bdy. of sec. 32.
	Over rolling terrain.
9.05	Asphalt road, 36 lks. wide, bears S. 21° E. and N. 21° W.
9.086	Point selected for a standard witness point, at the intersection with the centerline of right-of-way N-57508.
	Set a PK nail flush with the asphalt surface with 2 in. diam. shiner mkd.
	WP S 32
	2001
	From this point, Angle Point No. 1 on the centerline of right-of-way N-57508 bears N. 21°09'40" W., 34.297 chs. dist., hereinafter described.
32.043	Point for the $^{1}/_{4}$ sec. cor. of sec. 5 only, T. 13 S., R. 71 E., determined at the intersection of the S. bdy. of the Tp. with the N-S center line of sec. 5.
	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.
	1/4 S5 T13S R71E
	2001
	From this point, the original 1 / $_{4}$ sec. cor. of sec. 5 bears N. 0°01'00" E., 0.022 chs. dist., monumented with an iron post, 1 in. diam., 36 ins. long, firmly set 24 ins. in the ground with brass cap mkd. as described in the field notes of the independent resurvey of the subdivisions of T. 13 S., R. 71 E., executed under Group No. 178.
	Add the mks. AM 2001 and bury the original iron post in place, 6 ins. below the surface of the ground.

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CHAINS	From this same point, the \$^1/4\$ sec. cor. of secs. 5 and 8, T. 13 S., R. 71 E., bears S. 0°01'00" W., 97.853 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of the subdivisions of T. 13 S., R. 71 E., executed under Group No. 178.
40.012	The standard ¹ / ₄ sec. cor. of sec. 32, monumented with an iron post, 1 in. diam., firmly set 24 ins. below the surface of the ground, with top portion of pipe bent, with brass cap mkd. as described in the field notes of the independent resurvey of the Third Standard Parallel South, through Range 71 East, executed under Group No. 178.
	Accepted base as the best available evidence of the original corner position.
	At the corner point
	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.
	s c
	T12S R71E 1/4 S 32
	<u></u>
	2001
	From the standard ¹ / ₄ sec. cor. of sec. 33, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of the Third Standard Parallel South, through Range 71 East, executed under Group No. 178.
	s. 89°54'50" E., on the S. bdy. of sec. 33.
	Over rolling terrain.
11.505	Point selected for a standard witness point, identical with an end point of a metes-and-bounds survey in sec. 33.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam, 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	WP T12S R71E S 33
	2001
	Set a steel fence post alongside stainless steel post.
13.10	Enter golf course.
22.30	Enter rolling terrain.

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·	THROUGH A PORTION OF RANGE 71 EAST, MOUNT DIABLO MERIDIAN, NEVADA
CHAINS 28.932	Point selected for a standard witness point, identical with an angle point of a metes-and-bounds survey in sec. 33.
	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.
	WP T12S R71E S 33
	2001
32.046	The closing cor. of secs. 3 and 4, T. 13 S., R. 71 E., bears North 0.014 chs. dist., monumented with an iron post, 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 the subdivisions of T. 13 S., R. 71 E., executed under Group No. 178 in 1934.
32.45	Enter golf course.
39.986	Point for the standard cor. of secs. 33 and 34, determined at proportionate distance based on evidence found by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346, as shown on the Record of Survey, recorded as No. 01122 in File 77, Page 92 of Parcel Maps, Clark County, Nevada Records. The monument recovered by Mr. bulloch has been obliterated and the more recent measurements to controlling corners by Mr. Bulloch is utilized as the best available evidence of the original corner position. Not monumented.
	S. 89°57'30" E., on the S. bdy. of sec. 34.
	Over golf course.
17.65	Enter rolling terrain.
19.909	Point selected for a standard witness point, identical with a beginning point of a metes-and-bounds survey in sec. 34.
	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.
	WP T12S R71E S 34 ————
	2001
24.218	Point for the closing cor. of secs. 3 and 34, at intersection with the Nevada-Arizona State Line.
	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.

	THROUGH A PORTION OF RANGE 71 EAST, MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	SC T12S R71E S 34 CC R16W S 3 T13S S 29
	From this corner, the closing cor. of secs. 3 and 34, perpetuated by person(s) unknown, bears S. 89°57′30" E., 0.012 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with the top portion of the original iron post closing cor., 1 in. diam., 8 ins. long, attached by wire to the 2 in. diam. iron post, with the original brass cap mkd. as described in the field notes of the 1934 resurvey of the Third Standard Parallel South, executed under Group No. 178, Nevada, with said 2 in. diam. iron post mkd.
	SC T12S R71E S 34 CC———————————————————————————————————
	Add the marks AM to the iron posts and bury in place, 4 ins. below the surface of the ground.
	From this same corner, Mile Post No. 311, on the Nevada-Arizona State Line, bears S. 1°08'00" E., 1.759 chs. dist., hereinbefore described.
	INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
	This Independent Resurvey supersedes the survey executed by U.S. Deputy Surveyor W.H. Myrick, in 1881. A diligent search was made for the original corners and none were found.
	From the standard cor. of secs. 31 and 32, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°00'40" E., bet. secs. 31 and 32.
	Over gently rolling terrain.
23.40	Asphalt road, 36 lks. wide, bears S. 21° E. and N 21° W.
23.450	Intersect the centerline of right-of-way N-57508, at a point from which Angle Point No. 1, hereinafter described, bears N. 21°09'40" W., 9.143 chs. dist.
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 31 and 32.

OIL / DVS	
CHAINS	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. long, 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S_R71E
	1/4 S 31 S 32
	2000
80.000	Point for the cor. of secs. 29, 30, 31 and 32.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E S 30 S 29
	s 31 s 32
	2000
	Land, gently rolling.
	Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., with brass cap mkd. as described in the field notes of the independent resurvey of the E. bdy. of T. 12 S., R. 70 E., executed under Group No. 183.
	S. 89°58'20" E., bet. secs. 30 and 31.
	Over mountainous terrain.
21.80	Abbott Wash, drains. S.
39.995	Point for the $^{1}/_{4}$ sec. cor. of secs. 30 and 31.
	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.
	T12S R71E
	$\begin{array}{ccc} & 30 \\ 1/4 & \overline{} & \end{array}$
	S 31
	2000
50.60	Abbott Wash, drains S.
62.10	Abbott Wash, drains S. 25° W.
78.108	Intersect the centerline of right-of-way N-57508, at a point from which Angle Point No. 5, hereinafter described, bears N. $4^{\circ}00'10$ " E., 10.799 chs. dist.
78.15	Asphalt road, 36 lks. wide, bears N. 4° E. and S. 4° W., enter rolling terrain.

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79.990	The cor. of secs. 29, 30, 31 and 32.
	Land, gently rolling. Soil, sandy gravel.
	Undergrowth, cacti and creosote.
	N. 0°00'40" E., bet. secs. 29 and 30.
	Over mountainous terrain.
40.000	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 30.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 23 ins.
	in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E 1/4
	s 30 s 29
	2000
77.780	Intersect the centerline of right-of-way N-57508, at a point from which Angle Point No. 18, hereinafter described, bears S. 53°53'00" W., 4.470 chs. dist.
77.90	Asphalt road, 36 lks. wide, bears N. 50° E. and S. 50° W.
80.000	Point for the cor. of secs. 19, 20, 29 and 30.
	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.
	T12S R71E S 19 S 20
	s 30 s 20
	2000
	Land, mountainous. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., with brass cap mkd. as described in the field notes of the independent resurvey of the E. bdy. of T. 12 S., R. 70 E., executed under Group No. 183.
	N. 89°58'00" E., bet. secs. 19 and 30.
	Over mountainous terrain.
40.008	Point for the $^{1}/_{4}$ sec. cor. of secs. 19 and 30.
	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.

CHAINS	T12S R71E
	S 19 1/4 ——
	s 30
	2000
80.016	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous. Soil, sandy gravel. Undergrowth, cacti and creosote.
	N. 0°00'40" E., bet. secs. 19 and 20.
	Over mountainous terrain.
30.00	Enter rolling terrain.
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 19 and 20.
	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.
	T12S R71E
	1/4 s 19 s 20
	2000
80.000	Point for the cor. of secs. 17, 18, 19 and 20.
	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.
	T12S R71E S 18 S 17
	s 19 s 20
	2000
	Land, rolling hills and mountainous. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., with brass cap mkd. as described in the field notes of the independent resurvey of the E. bdy. of T. 12 S., R. 70 E., executed under Group No. 183.
	N. 89°55'30" E., bet. secs. 18 and 19.
	Over rolling and broken terrain.
40.017	Point for the $^{1}/_{4}$ sec. cor. of secs. 18 and 19.

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CHAINS	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.
	T12S R71E
	S 18 1/4 ———
	s 19
	2000
57.25	Wash, drains E.
66.35	Wash, drains S. 25° W.
80.034	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	N. 0°00'40" E., bet. secs. 17 and 18.
	Over rolling and broken terrain.
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 17 and 18.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E
	1/4 s 18 s 17
	2000
49.60	Wire fence, bears N. 68° E. and S. 68° W., enter rolling terrain.
80.000	Point for the cor. of secs. 7, 8, 17 and 18.
	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.
	T12S R71E S 7 S 8
	s 18 s 17
	2000
	Land, rolling hills and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., with brass cap mkd. as described in the field notes of the independent resurvey of the E. bdy. of T. 12 S., R. 70 E. executed under Group No. 183.

	T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	N. 89°55'40" E., bet. secs. 7 and 18.
	Over rolling and broken terrain.
40.016	Point for the $^{1}/_{4}$ sec. cor. of secs. 7 and 18.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E S 7
	1/4 —— S 18
	2000
41.00	Wash, drains SE.
80.032	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the standard cor. of secs. 32 and 33, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above the ground, encircled in a collar of stone, with brass cap mkd. as described in the field notes of the independent resurvey of the Third Standard Parallel South, through Range 71 East, executed under Group No. 178.
	N. 0°01'20" E., bet. secs. 32 and 33.
	Over rolling and broken terrain.
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 32 and 33.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. long, 22 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E 1/4 S 32 S 33
	2000
41.75	Wash, drains W.
80.000	Point for the cor. of secs. 28, 29, 32 and 33, falls in unstable eroding terrain.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 18 ins. in the ground, over a plastic-encased magnet and encircled in a collar of stones, with brass cap mkd.

CHAINS	T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
	T12S R71E S 29 S 28
	S 32 S 33
**************************************	2000
	from which
	A stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 44°57′ W., 193 lks. dist., with brass cap mkd. RM T12S R71E S32 127.4 FT TO COR 2000 and an arrow pointing to the corner.
	A stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 51°05′ W., 364 lks. dist., with brass cap mkd. RM T12S R71E S29 240.3 FT TO COR 2000 and an arrow pointing to the corner.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 29, 30, 31 and 32.
	S. 89°56'20" E., bet. secs. 29 and 32.
	Over mountainous terrain.
39.984	Point for the $^{1}/_{4}$ sec. cor. of secs. 29 and 32.
	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.
	T12S R71E S 29
	$1/4 \frac{329}{532}$
	2000
79.968	
79.900	The cor. of secs. 28, 29, 32 and 33. Land, mountainous. Soil, sandy gravel. Undergrowth, cacti and creosote.
	N. 0°01'20" E., bet. secs. 28 and 29.
	Over rolling and broken terrain.
36.75	Town Wash, course SW.
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 28 and 29.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

CHAINS	T12S R71E 1/4 S 29 S 28
	'
	2000
80.000	Point for the cor. of secs. 20, 21, 28 and 29.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E S 20 S 21
	S 29 S 28
	2000
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 19, 20, 29 and 30.
	S. 89°56'30" E., bet. secs. 20 and 29.
	Over rolling and broken terrain.
3.038	Point selected for a witness point, at the intersection with the centerline of right-of-way N-57508.
	Set a PK nail flush with the asphalt surface with 2 in. diam. shiner mkd.
	WP S 20
	s 29
	2001
	Corner is located in center of asphalt road, 36 lks. wide, bears N. 54° E. and S. 54° W.
	From this point, Angle Point No. 18 of right-of-way N-57508 bears S. 53°53'00" W., 8.231 chs. dist., hereinafter described.
39.985	Point for the $^{1}/_{4}$ sec. cor. of secs. 20 and 29.
	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.
	T12S R71E S 20
	1/4 —— S 29
	2000
A.V.	

	T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
chains 79.970	The cor. of secs. 20, 21, 28 and 29.
	Land, rolling and broken.
	Soil, sandy gravel. Undergrowth, cacti and creosote.
	N 0001/201 E hat 2022 20 and 21
	N. 0°01'20" E., bet. secs. 20 and 21.
40,000	Over rolling and broken terrain.
40.000	Point for the 1/4 sec. cor. of secs. 20 and 21.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E
	1/4 s 20 s 21
	2000
	Cor. is located 40 lks. W. of wash, course S. and 28.75 chs. W. of Town Wash, course SW.
80.000	Point for the cor. of secs. 16, 17, 20 and 21.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 22 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E S 17 S 16
	S 17 S 16 S 20 S 21
	2000
	Cor. is located 50 lks. W. of wash, course S.
	Land, rolling and broken.
	Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of sec. 17, 18, 19 and 29,
	S. 89°56'30" E., bet. secs. 17 and 20.
	Over rolling terrain.
12.05	Gravel road, 48 lks. wide, bears S. 10° E. and N. 10° W.
39.986	Point for the $^{1}/_{4}$ sec. cor. of secs. 17 and 20.
	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.

CHAINS	T12S R71E
	1/4 S 17
	s 20
	2000
62.25	Asphalt road, 36 lks. wide, bears N. 30° E. and S. 30° W.
79.972	The cor. of secs. 16, 17, 20 and 21.
	Land, rolling. Soil, sandy gravel. Undergrowth, cacti and creosote.
	N. 0°01'20" E., bet. secs. 16 and 17.
	Over rolling terrain.
1.50	Wash, course SE.
18.733	Intersect line 3-4, Tract 38, at a point from which Angle Point No. 4, hereinafter described, bears S. 89°57′30" E., 0.665 chs. dist.
38.732	Intersect line 1-2, Tract 38, at a point from which Angle Point No. 1, hereinafter described, bears S. 89°56'30" E., 0.686 chs. dist.
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 16 and 17.
	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.
	T12S R71E 1/4 S 17 S 16
	2000
	Set carsonite post alongside stainless steel post.
80.000	Point for the cor. of secs. 8, 9, 16 and 17.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 20 ins. in the ground, over a plastic-encased magnet and encircled in a collar stone, with brass cap mkd.
	T12S R71E S 8 S 9
	S 17 S 16
	2000
	Land, rolling. Soil, sandy gravel. Undergrowth, cacti and creosote.

CHAINS	From the cor. of secs. 7, 8, 17 and 18.
	s. 89°56'40" E., bet. secs. 8 and 17.
	Over rolling terrain.
39.986	Point for the $^{1}/_{4}$ sec. cor. of secs. 8 and 17.
	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.
	T12S R71E
	$\frac{S}{1/4} = \frac{8}{3}$
	s 17
	2000
79.972	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the true point for the standard cor. of secs. 33 and 34, or the S. bdy. of the Tp.
	N. 0°02'00" E., bet. secs. 33 and 34.
	Over golf course.
4.20	Enter rolling terrain.
5.398	Point selected for a witness point, identical with an end point of metes-and-bounds surveys in secs. 33 and 34.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	WP T12S_R71E
	s 33 s 34
	2001
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 33 and 34.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 24 ins. in the ground, over a plastic-encased magnet and encircled in a collar of stone, with brass cap mkd.
	T12S R71E 1/4
	s 33 s 34
	2000
80.000	Point for the cor. of secs. 27, 28, 33 and 34.

	T. 12 S., R. /I E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 24 ins. in the ground, over a plastic-encased magnet and encircled in a collar of stone, with brass cap mkd.
	T12S R71E S 28 S 27
	s 33 s 34
	2000
	Land, mountainous. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 28, 29, 32 and 33.
	s. 89°55'10" E., bet. secs. 28 and 33.
	Over mountainous terrain.
39.990	Point for the $^{1}/_{4}$ sec. cor. of secs. 28 and 33.
	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.
	T12S R71E S 28 1/4 —— S 33
	2000
	Set a carsonite post alongside stainless steel post.
79.980	The cor. of secs. 27, 28, 33 and 34.
	Land, mountainous. Soil, sandy gravel. Undergrowth, cacti and creosote.
	East, bet. secs. 27 and 34.
	Over rolling and broken terrain.
22.645	Intersect the Nevada-Arizona State Line.
	Point for the closing cor. of secs. 27 and 34.
	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.

	T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	T12S T40N S 27 CC R16W S 34
	R71E S 20
	2000
	From this point, Mile Post No. 310 on the Nevada-Arizona State Line, bears S. 0°07′00" W., 2.209 chs. dist., hereinbefore described.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	The point for the $^{1}/_{4}$ sec. cor. of sec. 34 only, T. 12 S., R. 71 E., is on the Nevada-Arizona State Line and at midpoint on the E. bdy. of sec. 34.
	Point falls on steep N. facing cliff where it is impractical to establish a permanent monument.
	From this point, the point selected for a witness cor. to the $^{1}/_{4}$ sec. cor. of sec. 34 only, bears S. 31°14′20" E., 1.000 chs. dist.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 21 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	WC T12S R71E 1/4 S 34
	2000
	From the true point, Mile Post No. 310 on the Nevada-Arizona State Line, bears N. 1°08'00" W., 37.807 chs. dist., hereinbefore described.
	From the cor. of secs. 27, 28, 33 and 34.
	N. 0°02'00" E., bet. secs. 27 and 28.
	Over rolling and broken terrain.
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 27 and 28.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 22 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E
	$ \begin{array}{c c} 1/4 \\ s 28 \mid s 27 \end{array} $
	2000

CHAINS 80.000	Point for the cor. of secs. 21, 22, 27 and 28.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 18 ins. in the ground, over a plastic-encased magnet and encircled in a collar stone, with brass cap mkd.
	T12S R71E S 21 S 22
	S 28 S 27
	2000
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote,
	From the cor. of secs. 20, 21, 28 and 29.
	s. 89°55'00" E., bet. secs. 21 and 28.
	Over rolling and broken terrain.
39.990	Point for the $^{1}/_{4}$ sec. cor. of secs. 21 and 28.
	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.
	T12S R71E S 21
	1/4 = 1/4 =
	2000
	Raise a mound of stone, 2 ft. base, 2 ft. high, N. of the cor.
79.980	The cor. of secs. 21, 22, 27 and 28.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	East, bet. secs. 22 and 27.
	Over rolling terrain.
22.38	Wire fence, bears N. and S.
22.750	Intersect the Nevada-Arizona State Line.
	Point for the closing cor. of secs. 22 and 27.
	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.

CHAINS	T12S T40N S 22 CC——————————————————————————————————
	Line, bears S. 0°09'30" E., 1.530 chs. dist., hereinbefore described. Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	The point for the ¹ / ₄ sec. cor. of sec. 27 only, T. 12 S., R. 71 E., is on the Nevada-Arizona State Line and at midpoint on the E. bdy. of sec. 27.
	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.
	T12S R71E 1/4 S 27
	2000
	From this point, Mile Post No. 309 on the Nevada-Arizona State Line, bears N. 0°07'00" E., 38.470 chs. dist., hereinbefore described.
	From the cor. of secs. 21, 22, 27 and 28.
	N. 0°02'00" E., bet. secs. 21 and 22.
	Over rolling and broken terrain.
40.000	Point for the $^1/_4$ sec. cor. of secs. 21 and 22.
	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.
	T12S R71E 1/4
	s 21 s 22
	2000
78.00	Wash, course WNW.
80.000	Point for the cor. of secs. 15, 16, 21 and 22.
	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.

	,,,,,,
CHAINS	T12S R71E S 16 S 15
	S 21 S 22
	2000
	Land, rolling and broken.
	Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 16, 17, 20 and 21.
	S. 89°55'00" E., bet. secs. 16 and 21.
	Over rolling and broken terrain.
31.40	Town Wash, course SW.
39.990	Point for the $^{1}/_{4}$ sec. cor. of secs. 16 and 21.
	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.
	T12S R71E S 16 1/4 —— S 21
	2000
79.980	The cor. of secs. 15, 16, 21 and 22.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	East, bet. secs. 15 and 22.
	Over rolling terrain.
22.27	Wire fence, bears N. and S.
22.511	Intersect the Nevada-Arizona State Line.
	Point for the closing cor. of secs. 15 and 22.
	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.
	T12S T40N S 15 CC R16W S 22 R71E S 8
	2000
	1

	T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	From this point, Mile Post No. 308 on the Nevada-Arizona State Line, bears S. 1°08'40" W., 1.484 chs. dist., hereinbefore described.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	The point for the $^{1}/_{4}$ sec. cor. of sec. 22 only, T. 12 S., R. 71 E., is on the Nevada-Arizona State Line and at midpoint on the E. bdy. of sec. 22.
	Set a stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., 22 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E 1/4 S 22
	2000
	Cor. is located 0.12 chs. W. of fence, bears N. and S.
	From this point, Mile Post No. 308 on the Nevada-Arizona State Line, bears N. 0°09'30" W., 38.516 chs. dist., hereinbefore described.
	From the cor. of secs. 15, 16, 21 and 22.
	N. 0°02 00" E., bet. secs. 15 and 16.
	Over rolling and broken terrain.
40.000	Point for the $^{1}/_{4}$ sec. cor. of secs. 15 and 16.
	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.
	T12S R71E 1/4 S 16 S 15
	2000
	Set a carsonite post alongside stainless steel post.
80.000	Point for the cor. of secs. 9, 10, 15 and 16.
	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.
	T12S R71E S 9 S 10
	S 16 S 15
	2000

CHAINS	T. 12 S., R. /I E., MOUNT DIABLO MERIDIAN, NEVADA
CHAING	Set a carsonite post alongside stainless steel post.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	From the cor. of secs. 8, 9, 16 and 17.
	S. 89°55'10" E., bet. secs. 9 and 16.
	Over rolling and broken terrain.
39.991	Point for the $^{1}/_{4}$ sec. cor. of secs. 9 and 16.
	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.
	T12S R71E S 9 1/4 —— S 16
	2000
	Set carsonite post alongside stainless steel post.
79.982	The cor. of secs. 9, 10, 15 and 16.
	Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.
	East, bet. secs. 10 and 15.
	Over rolling terrain.
23.85	Wire fence, bears N. and S.
24.026	Intersect the Nevada-Arizona State Line.
	Point for the closing cor. of secs. 10 and 15.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 18 ins. in the ground, over a plastic-encased magnet and encircled in a collar of stone, with brass cap mkd.
	T12S T40N S 10 CC R16W S 15 R71E S 5
	2000
	From this point, Mile Post No. 307 on the Nevada-Arizona State Line, bears S. 0°18'10" E., 1.226 chs. dist., hereinbefore described.

INDEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

Land, rolling and broken. Soil, sandy gravel. Undergrowth, cacti and creosote.

The point for the $^{1}/_{4}$ sec. cor. of sec. 15 only, T. 12 S., R. 71 E., is on the Nevada-Arizona State Line and at midpoint on the E. bdy. of sec. 15.

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.

T12S R71E 1/4 S 15

2000

Cor. is located 5 lks. W. of fence, bears N. and S.

From this point, Mile Post No. 307 on the Nevada-Arizona State Line, bears N. 1°08'40" E., 38.781 chs. dist., hereinbefore described.

METES-AND-BOUNDS SURVEY OF TRACT 37, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

State Selection, List No. 21, embracing the $SW^1/_4$ $NW^1/_4$ of sec. 16, containing 40 acres was approved June 4, 1897.

Control for the location of this parcel is based on the private survey executed by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346. Mr. Bulloch utilized the tie from the southwest corner of the parcel to Mile Post 311 on the Nevada-Arizona State Line as shown on the Nevada Protraction Diagram of T. 12 S., R. 71 E., officially filed in the Nevada Land Office June 13, 1966, as the point of beginning and maintained the configuration of the original patent.

From Angle Point No. 1, Tract 37, determined by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346, monumented with a rebar, $^5/_8$ in. diam., 14 ins. long, firmly set flush with the surface of the ground, with plastic cap mkd. BBE PLS 2346.

At the corner point

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.

T12S R71E

AP 1 TR 37

2001

METES-AND-BOUNDS SURVEY OF TRACT 37, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Place rebar inside the stainless steel post.
	N. 89°56'10" W., on line 1-2, Tract 37.
20.000	Angle Point No. 2, Tract 37, determined by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346, monumented with a rebar, $\frac{5}{8}$ in. diam., 14 ins. long, firmly set, 13 ins. in the ground, with plastic cap mkd. BBE PLS 2346.
	At the corner point
	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.
	T12S R71E
	S 16 AP 2 TR 37
	2001
	Place rebar inside the stainless steel post.
	S. 0°04'50" W., on line 2-3, Tract 37.
20.004	Angle Point No. 3, Tract 37, determined by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346, monumented with a rebar, $^{5}/_{8}$ in. diam., 14 ins. long, firmly set, 12 ins. in the ground, with plastic cap mkd. BBE PLS 2346.
	At the corner point
	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.
	TR 37 AP 3
	s 16
	T12S R71E
	2001
	Place rebar inside the stainless steel post.
	From this point, Mile Post No. 311 on the Nevada-Arizona State Line, hereinbefore described, bears S. 17°45'20" E., 273.629 chs. dist.
	From this same point, Angle Point No. 4, Tract 38, hereinafter described, bears N. 89°55'10" W., 20.002 chs. dist.
	s. 89°56′30" E., on line 3-4, Tract 37.
10.001	Point established by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346, monumented with a rebar, $^{5}/_{8}$ in. diam., firmly set flush with the surface of the ground, with plastic cap mkd. BBE PLS 2346.

METES-AND-BOUNDS SURVEY OF TRACT 37, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

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CHAINS 20.003	Angle Point No. 4, Tract 37, determined by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346, monumented with a rebar, $^{5}/_{8}$ in. diam., 14 ins. long, firmly set, 12 ins. in the ground, with plastic cap mkd. BBE PLS 2346.
	At the corner point
	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.
	TR 37 AP 4 ————————————————————————————————————
	T12S R71E
	2001
	Place rebar inside the stainless steel post.
	N. 0°04'30" E., on line 4-1, Tract 37.
5.001	Point established by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346, monumented with a rebar, $\frac{5}{8}$ in. diam., firmly set flush with the surface of the ground, with plastic cap mkd. BBE PLS 2346.
20.003	Angle Point No. 1, Tract 37 and the point of beginning.
	METES-AND-BOUNDS SURVEY OF TRACT 38, T. 12. S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
	State Selection, List No. 21, embracing the $\mathrm{SW}^1/_4~\mathrm{NE}^1/_4$ of sec. 17, containing 40 acres was approved June 4, 1897.
	Control for the location of this parcel is based on the private survey executed by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346. Mr. Bulloch utilized the tie from the southwest corner of the parcel to Mile Post No. 311 on the Nevada-Arizona State Line as shown on the Nevada Protraction Diagram of T. 12 S., R. 71 E., officially filed in the Nevada Land Office June 13, 1966, as the point of beginning and maintained the configuration of the original patent.
	From Angle Point No. 1, Tract 38, determined by Scott M. Bulloch, Nevada Professional Land Surveyor No. 2346, monumented with a rebar, $^{5}/_{8}$ in. diam., 14 ins. long, firmly set, 12 ins. in the ground, with plastic cap mkd. BBE PLS 2346.
	At the corner point
	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.

METES-AND-BOUNDS SURVEY OF TRACT 38 T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	T12S R71E
	AP 1 TR 38
	2001
	Place rebar inside the stainless steel post and set carsonite post alongside.
	N. 89°56'30" W., on line 1-2, Tract 38.
0.686	Intersect the line bet. secs. 16 and 17, at a point from which the $^{1}/_{4}$ sec. cor. of secs. 16 and 17, bears N. 0°01'20" E., 1.268 chs. dist., hereinbefore described.
4.80	Chain-link fence, bears S. 72° E. and W.
20.005	Angle Point No. 2, Tract 38, at proportionate distance by the method of grant boundary adjustment; there is no remaining evidence of the private survey monument. Not monumented.
	Position is located alongside the cor. of fences extending E. and S.
	from which
	A stainless steel post, 28 ins. long, 2 $^{1}/_{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 89°09' W., 39.3 lks. dist., with brass cap mkd. RM T12SR71E AP2 TR38 25.9 FT TO COR 2001 and an arrow pointing to the corner.
	A stainless steel post, 28 ins. long, 2 $^{1}/_{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 1°43′ W., 37.9 lks. dist., with brass cap mkd. RM T12SR71E AP2 TR38 25.0 FT TO COR 2001 and an arrow pointing to the corner.
	s. 0°03'30" W., on line 2-3, Tract 38.
20.005	Angle Point No. 3, Tract 38, determined at S. 89°57'30" E., 0.379 chs. dist. of a rebar, $^{5}/_{8}$ in. diam., established by person(s) unknown, as a reference monument 25.0 ft. westerly of the true point, alongside the cor. of fences extending E. and N.
	from which
	A stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 89°57'30" W., 37.9 lks. dist., with brass cap mkd. RM T12SR71E AP3 TR38 25.0 FT TO COR 2001 and an arrow pointing to the corner. Bury rebar inside stainless steel post.

METES-AND-BOUNDS SURVEY OF TRACT 38 T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 12 S., R. /1 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	A stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 0°02' W., 37.9 lks. dist., with brass cap mkd. RM T12SR71E AP3 TR38 25.0 FT TO COR 2001 and an arrow pointing to the corner.
	From this point, Mile Post No. 311 on the Nevada-Arizona State Line, hereinbefore described, bears S. 25°20'40" E., 288.398 chs. dist.
	S. 89°57′30" E., on line 3-4, Tract 38.
19.332	Intersect the line bet. secs. 16 and 17, at a point from which the cor. of secs. 16, 17, 20 and 21, bears S. 0°01'20" W., 18.733 chs. dist., hereinbefore described.
19.997	Angle Point No. 4, Tract 38, determined at N. $89^{\circ}57'30"$ W., 0.379 chs. dist. of a rebar, $^{5}/_{8}$ in. diam., established by person(s) unknown, as a reference monument 25.0 ft. easterly of the true point, alongside the cor. of fences extending N. and W.
	from which
	A stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 89°57'30" E., 37.9 lks. dist., with brass cap mkd. RM T12SR71E AP4 TR38 25.0 FT TO COR 2001 and an arrow pointing to the corner. Bury rebar inside stainless steel post.
	A stainless steel post, 28 ins. long, $2^{1}/_{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 0°49' E., 37.9 lks. dist., with brass cap mkd. RM T12SR71E AP4 TR38 25.0 FT TO COR 2001 and an arrow pointing to the corner.
	N. 0°04'50" E., on line 4-1, Tract 38.
19.999	Angle Point No. 1, Tract 38 and the point of beginning.
	METES-AND-BOUNDS SURVEY OF A PORTION OF THE CENTERLINE OF RIGHT-OF-WAY N-57508, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
	The determination of the right-of-way centerline was based on the Landfill Road As-Built Plat prepared for the City of Mesquite by Bulloch Brothers Engineering, Inc., Mesquite, NV., dated July 1995 and supplemented by a coordinate file from Bulloch Brothers Engineering, Inc., obtained April 2001. The above mentioned unofficial as-built drawings were utilized as the best intent of the centerline location of the right-of-way at the time it was issued.
	Beginning at the standard witness point of sec. 32, on the S. bdy. of the Tp., hereinbefore described.

METES-AND-BOUNDS SURVEY OF A PORTION OF THE CENTERLINE OF RIGHT-OF-WAY N-57508, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	From this point, a control point established by Bulloch Brothers Engineering, Inc., designated as PP12, bears N. 19°31'10" W., 25.028 chs. dist., monumented with a rebar, $^5/_8$ in. diam., firmly set, projecting 1 in. above the ground, with a steel fence post alongside.
	From this same point, the end tangent of the centerline of right-of-way N-57508 bears S. 21°09'40" W., 42.344 chs. dist. Not monumented.
	N. 21°09'40" W., on the centerline of right-of-way N-57508.
25.154	Intersect the line bet. secs. 31 and 32, at a point from which the standard cor. of secs. 31 and 32, hereinbefore described, bears S. 0°00'40" W., 23.450 chs. dist.
34.297	Point for Angle Point No. 1, and beginning of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP1 S31 2001.
	Cor. is located 0.8 lks. W. of an asphalt road, 36 lks. wide, bears S. 21° E. and N. 21° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the right having a radius of 800.00 ft. and a delta angle of 23°02'30".
4.875	Point for Angle Point No. 2 and the end of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP2 S31 2001.
	Cor. is located 0.8 lks. E. of an asphalt road, 36 lks. wide, bears N. 2° E. and S. 2° W.
	Thence N. 1°52'50" E., continuing on the centerline of right-of-way N-57508.
20.943	Point for Angle Point No. 3 and the beginning of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP3 S31 2001.
	Cor. is located 1.5 lks. W. of an asphalt road, 36 lks. wide, bears N. 2° E. and S. 2° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the right having a radius of 800.00 ft. and a delta angle of 2°07'20".
0.449	Point for Angle Point No. 4 and the end of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP4 S31 2001.

METES-AND-BOUNDS SURVEY OF A PORTION OF THE CENTERLINE OF RIGHT-OF-WAY N-57508, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

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CHAINS	Cor. is located 1.5 lks. E. of an asphalt road, 36 lks. wide, bears N. 4° S. and S. 4° W.
	Thence N. 4°00'10" E., continuing on the centerline of right-of-way N-57508.
21.924	Intersect the line bet. secs. 30 and 31, at a point from which the cor. of secs. 29, 30, 31 and 32 bears S. 89°58′20" E., 1.882 chs. dist.
32.723	Point for Angle Point No. 5 and the beginning of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP5 S30 2001.
	Cor. is located 4.5 lks. E. of an asphalt road, 36 lks. wide, bears N. 4° E. and S. 4° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the left having a radius of 800.00 ft. and a delta angle of 5°37'00".
1.189	Point for Angle Point No. 6 and the end of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP6 S30 2001.
	Cor. is located 1.1 lks. E. of an asphalt road, 36 lks. wide, bears S. 2° E. and N. 2° W.
	Thence N. 1°35'50" W., continuing on the centerline of right-of-way N-57508.
3.622	Point for Angle Point No. 7 and the beginning of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP7 S30 2001.
	Cor. is located 8.8 lks. E. of an asphalt road, 36 lks. wide, bears S. 2° E. and N. 2° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the left having a radius of 800.00 ft. and a delta angle of 28°53'30".
6.112	Point for Angle Point No. 8 and the end of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP8 S30 2001.
	Cor. is located 3.3 lks. W. of an asphalt road, 36 lks. wide, bears S. 31° E. and N. 31° W.
	Thence N. 30°30'20" W., continuing on the centerline of right-of-way N-57508.

METES-AND-BOUNDS SURVEY OF A PORTION OF THE CENTERLINE OF RIGHT-OF-WAY N-57508, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 12 S., R. /I E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS 15.894	Point for Angle Point No. 9 and the beginning of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP9 S30 2001.
	Cor. is located 2.4 lks. E. of an asphalt road, 36 lks. wide, bears S. 31° E. and N. 31° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the right having a radius of 800.00 ft. and a delta angle of 23°36′50".
4.996	Point for Angle Point No. 10 and the end of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP10 S30 2001.
	Cor. is located 0.8 lks. E. of an asphalt road, 36 lks. wide, bears S. 7° E. and N. 7° W.
	Thence N. 6°53'30" W., continuing on the centerline of right-of-way N-57508.
15.959	Point for Angle Point No. 11 and the beginning of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP11 S30 2001.
	Cor. is located 1.5 lks. E. of an asphalt road, 36 lks. wide, bears S. 7° E. and N. 7° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the right having a radius of 1817.13 ft. and a delta angle of 11°21′50".
5.461	Point for Angle Point No. 12 and the end of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP12 S30 2001.
	Cor. is located 3.8 lks. E. of an asphalt road, 36 lks. wide, bears N. 4° E. and S. 4° W.
	Thence N. 4°28'20" E., continuing on the centerline of right-of-way N-57508.
2.550	Point for Angle Point No. 13 and the beginning of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP13 S30 2001.
	Cor. is located 7.1 lks. E. of an asphalt road, 36 lks. wide, bears N. 4° E. and S. 4° W.

METES-AND-BOUNDS SURVEY OF A PORTION OF THE CENTERLINE OF RIGHT-OF-WAY N-57508, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Thence continuing along the centerline of right-of-way N-57508, on the arc of a non-tangent circular curve to the right having a radius of 600.09 ft. and a delta angle of 25°48'30", the long chord of which bears N. 18°11'40" E., 4.061 chs. dist.
4.096	Point for Angle Point No. 14 and the point of a compound curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP14 S30 2001.
	Cor. is located 4.4 lks. W. of an asphalt road, 36 lks. wide, bears N. 30° E. and S. 30° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the right having a radius of 1050.00 ft. and a delta angle of 29°22'30", the long chord of which bears N. 45°47'15" E., 8.068 chs. dist.
8.157	Point for Angle Point No. 15 and the end of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP15 S30 2001.
	Cor. is located 3.8 lks. E. of an asphalt road, 36 lks. wide, bears N. 60° E. and S. 60° W.
	Thence N. 60°28'30" E., continuing on the centerline of right-of-way N-57508.
1.629	Point for Angle Point No. 16 and the beginning of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP16 S30 2001.
	Cor. is located 3.5 lks. E. of an asphalt road, 36 lks. wide, bears N. 60° E. and S. 60° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the right having a radius of 836.81 ft. and a delta angle of $5^{\circ}55'20$ ".
1.311	Point for Angle Point No. 17 and the point of a reverse curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP17 S30 2001.
	Cor. is located 7.6 lks. E. of an asphalt road, 36 lks. wide, bears N. 66° E. and S. 66° W.
	Thence continuing along the centerline of right-of-way N-57508, on the arc of a circular curve to the left having a radius of 394.85 ft. and a delta angle of 12°30′50".
1.307	Point for Angle Point No. 18 and the end of curve.
	Set a PK nail with shiner flush with the asphalt surface, mkd. AP18 S30 2001.

METES-AND-BOUNDS SURVEY OF A PORTION OF THE CENTERLINE OF RIGHT-OF-WAY N-57508, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	Cor. is located 5.8 lks. E. of an asphalt road, 36 lks. wide, bears N. 54° E. and S. 54° W.
	Thence N. 53°53'00" E., continuing on the centerline of right-of-way N-57508.
4.470	Intersect the line bet. secs. 29 and 30, at a point from which the cor. of secs. 19, 20, 29 and 30 hereinbefore described bears N. 0°00'40" E., 2.220 chs. dist.
8.231	The witness point of secs. 20 and 29, hereinbefore described.
	From this point, a control point established by Bulloch Brothers Engineering, Inc. designated as PP22, bears S. 43°08′30" W., 4.675 chs. dist., monumented with a rebar, $^{5}/_{8}$ in. diam., projecting 1 in. above ground, with a steel fence post alongside.
	From this same point, the end tangent of the centerline of right-of-way N-57508 bears N. 53°53'00" E., 36.522 chs. dist. Not monumented.
	METES-AND-BOUNDS SURVEY IN SECTION 33, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the witness point of secs. 33 and 34, hereinbefore described.
	Thence S. 64°02'30" W.
12.295	The standard witness point of sec. 33, on the S. bdy. of the Tp., hereinbefore described.
	Thence N. 72°25'20" W.
8.391	Point for Angle Point No. 1, sec. 33.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12S R71E
	S33
	AP1
	2001
	Thence S. 85°43'40" W.
7.643	Point for Angle Point No. 2, sec. 33.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 23 ins in the ground, over a plastic-encased magnet, with brass cap mkd.

METES-AND-BOUNDS SURVEY IN SECTION 33 T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

	T12 R71E
	S33
	AP2
	2001
	Thence S. 42°58'20" W.
2.650	The standard witness point of sec. 33, on the S. bdy. of the Tp., hereinbefore described.
	METES-AND-BOUNDS SURVEY IN SECTION 34, T. 12 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the standard witness point of sec. 34, hereinbefore described.
	Thence N. 48°33'50" W.
11.720	Point for Angle Point No. 1, sec. 34.
	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
	T12S R71E
	\$34
	AP1
	2001
	Thence S. 70°23'40" W.
9.837	Point for Angle Point No. 2, sec. 34.
	Set a stainless steel post, 28 ins. long, $2^1/_2$ ins. diam., 23 ins in the ground, over a plastic-encased magnet, with brass cap mkd
	T12E R71E
	\$34
	AP2
	2001
	Thence N. 62°42'10" W.

TOWNSHIP 12 SOUTH, RANGE 71 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	GENERAL DESCRIPTION
	The average elevation of the area is about 2,000 feet above sea level. General drainage is to the south. Access is by a asphalt surfaced road in the center of the township and trail roads in the
	general vicinity. Vegetation consists of creosote, cacti, and native undergrowth.
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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Ronald E. Williams	•	•	٠	•	•	•	•	•	Cadastral Surveyor
Quintin L. Boyles .		•		•	•		•	•	Land Surveyor (Trainee)
Clay W. Morrow		•	•			•	•	•	Surveying Technician
Edith Diaz		•						•	Survey Aid
John M. Conner	•	•			•			•	Survey Aid
Sean C. Whelan		•							Survey Aid

CERTIFICATE OF SURVEY

I, Thomas E. Casinger, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 14th day of April, 2000, and Supplemental Special Instructions bearing date of the 23rd of April, 2001, I have dependently resurveyed the Nevada-Arizona State Line between Mile Post Nos. 306 and 311, and the Third Standard Parallel South, through a portion of Range 71 East, and independently resurveyed a portion of the subdivisional lines, and executed metes-and-bounds surveys of Tracts 37 and 38, and metes-and-bounds surveys in certain sections, Township 12 South, Range 71 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 23, 2001	Thomas E. Casinger
(Date)	(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Reno, Nevada

(Chief Cadastral Surveyor, Nevada)

The foregoing field notes of the dependent resurvey of the Nevada-Arizona State Line between Mile Post Nos. 306 and 311, and the Third Standard Parallel South, through a portion of Range 71 East, and the independent resurvey of a portion of the subdivisional lines, and metes-and-bounds surveys of Tracts 37 and 38, and metes-and-bounds surveys in certain sections, Township 12 South, Range 71 East, Mount Diablo Meridian, Nevada, executed by Thomas E. Casinger, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

July 24, 2001 (Date)	(Chief Cadastral Surveyor, Nevada)
CERTIFICA	TE OF TRANSCRIPT
I CERTIFY that the foregoing transcrisurveys in T. 12 S., R. 71 E., M.D. field notes.	ipt of the field notes of the above-described M., Nevada, is a true copy of the original