ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

RETRACEMENT OF

A PORTION OF THE ARIZONA-NEVADA STATE BOUNDARY

(WEST BOUNDARY),

THE DEPENDENT RESURVEY OF

A PORTION OF THE NORTH BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTIONS 3, 4, AND 5,

TOWNSHIP 39 NORTH, RANGE 16 WEST,

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY

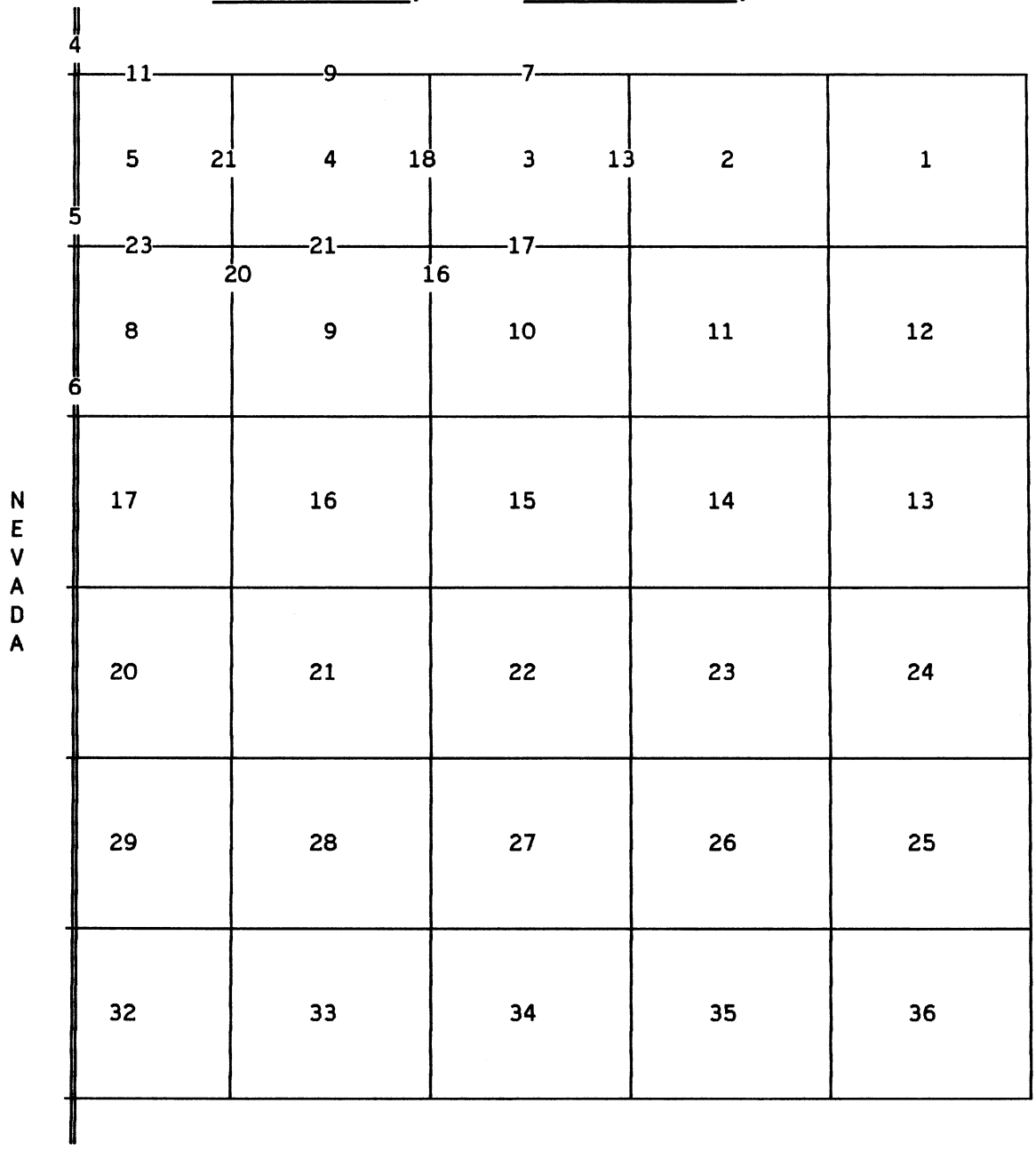
William P. Carpender Cadastral Surveyor

Under Special Instructions dated and approved June 5, 1997, and Supplemental Special Instructions dated and approved July 24, 1997, which provided for the surveys included under Group Number 817, and assignment instructions dated June 5, 1997.

Survey Commenced June 18, 1997
Survey Completed August 28, 1997

INDEX DIAGRAM

TOWNSHIP 39 NORTH, RANGE 16 WEST,



T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the retracement of a portion of the Arizona-Nevada State Boundary (west boundary), the dependent resurvey of a portion of the north boundary and a portion of the subdivisional lines, and the subdivision of sections 3, 4, and 5, Township 39 North, Range 16 West, Gila and Salt River Meridian, Arizona.

The Arizona-Nevada State Boundary was surveyed by Isaac E. James in 1870, resurveyed by Thomas B. Matthews in 1912-13, and retraced and resurveyed by Carl S. Swanholm, Robert C. Yundt, and Floyd Sadler in 1933-34. The north boundary and the subdivisional lines were surveyed by Thomas B. Matthews in 1912-13.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated June 5, 1997, and Supplemental Special Instructions dated July 24, 1997, for Group No. 817, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined using Trimble series 4400 Global Positioning System receivers, configured for real time kinematic survey applications, confirmed by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Sokkia SET2BII total station instrument.

The geographic position of the closing corner of sections 5 and 8, Township 39 North, Range 16 West, as determined using Trimble series 4400 Global Positioning System receivers, configured for real time kinematic survey applications, with U.S. Coast and Geodetic Survey triangulation station "BERTINA 1956" used as the control station, is as follows:

Latitude: 36°48'06.14" N. Longitude: 114°03'00.04" W. NAD83(1992)

The mean magnetic declination, as taken from quadrangle map MESQUITE, NEV.-ARIZ., Provisional Edition, published in 1985 by U.S. Geological Survey, is 14° East.

Retracement of a Portion of the Arizona-Nevada State Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Retracing the resurvey executed by Thomas B. Matthews, in 1912-13
	Beginning at mile cor. 312, monumented with an aluminum pipe, 30 ins. long, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 2 1/2 ft. base, 1/2 ft. high, with aluminum cap mkd. A.C.E.S. ENG. RLS 17401 LAS VEGAS NEV. MP312 T40N R16W 1988, set by Ray Novatney, R.L.S. 17401, in 1988. This has long been used by local surveyors and land owners, and is accepted as the best available evidence of the original cor. position.
	The cor. is located 16 lks. E. of a fence along the State line.
	S. 0°06′ W., on the Arizona-Nevada State Boundary, on the 313th mile.
	Descend over gently rolling desert terrain, through scattered creosote and cactus, along a fence.
16.26	A rebar, 5/8 in. diam., firmly set, 12 ins. below the ground, with plastic cap mkd. BULLOCH.
	The cor. is located at the cor. of a block wall, extends S. and W.
55.62	A cor. of fences, extending N., ENE, and WSW on the northerly U.S. Interstate Highway 15 Right of Way.
	From this point, a Right of Way marker bears S. 72°15′ W., 5 lks. dist., monumented with a brass disk, 3 ins. diam., firmly set, in a concrete pillar, 6 ins. diam., projecting 5 ins. above the ground, with disk mkd. ARIZONA HIGHWAY DEPT ELEV P.O.T. STA 0+17.48 1962, with a 4 ins. angle iron guard post and a Nevada Highway Department sign post alongside.
56.26	A rebar, set by Kenneth Hamblin, R.L.S. 7276 (Nevada) and R.L.S. 21070 (Arizona), 3/4 in. diam., firmly set, projecting 5 ins. above the ground, with plastic cap mkd. KEN HAMBLIN RLS 7276.
61.90	The southerly U.S. Interstate Highway 15 Right of Way fence.
	From this point, A Right of Way Marker bears N. 72°15′ E., 64 lks. dist., monumented with a bronze disk, 3 1/2 ins. diam., firmly set, flush in a concrete pillar, 18 ins. diam., with disk mkd. NEVADA HIGHWAY DEPT. OE STA. 210+12.27POT DIST. 141.20 ANGLE.

Retracement of a Portion of the Arizona-Nevada State Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
63.50	Center of Mohave County Highway 91, paved, 55 lks. wide, extends ENE.
67.47	Point for the closing cor. of Tps. 39 and 40 N., R. 16 W., hereinafter described.
79.96	Mile cor. 313, perpetuated by Ray Novatney, R.L.S. 17401, in 1988, monumented with an aluminum pipe, 30 ins. long, 2 1/2 ins. diam., firmly set, 24 ins. below the ground, with aluminum cap, 3 1/4 ins. diam., mkd. A.C.E.S. ENG. RLS 17401 LAS VEGAS NEV. MP 313 NEV. ARIZ. T39N R16W 1988. This is accepted as a careful and faithful perpetuation of the position of the original cor. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. MP 313 T13S | T39N R71E | R16W S10 | S 5 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. Bury the aluminum pipe beneath the stainless steel post. The cor. is located 2 1/2 lks. S. of a 2 lk. jog in the Virgin River High School chainlink fence, 8 ft. high, bears N. and S.

Retracing the resurvey executed by Carl S. Swanholm,
Robert C. Yundt, and Floyd Sadler, in 1933-34

	S. 0°30′ E., on the Arizona-Nevada State Boundary, on the 314th mile. Descend over gently rolling desert terrain, through scattered creosote and cactus, along a fence.
7.27	Point for the N. 1/16 sec. cor. of sec. 5 only, hereinafter described.

Retracement of a Portion of the Arizona-Nevada State Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
13.38	Angle Point 1, Tract 37, T. 13 S., R. 71 E., Mt. Diablo Meridian, Nevada, bears West, 7 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. T13S R71E S10 TR37 AP1 ARIZ 1934. The cor. is located 1 lk. S. of a fence, bears E. and W., and 6 lks. W. of the SE cor. of the chainlink fence on the Virgin River High School athletic field.
16.31	The closing cor. of secs. 10 and 15, T. 13 S., R. 71 E., Mt. Diablo Meridian, Nevada, bears West, 5 lks. dist., monumented with an iron post, 1 in. diam., firmly set in a concrete column, 6 ins. diam., projecting 7 ins. above ground, with a scattered mound of stone, W. of the cor., with brass cap mkd. T13S S10 CC S15 R71E AR1 1934 191. The cor. is located 1/2 lk. W. of a hog wire fence, bears N. and S.
27.25	Point for the 1/4 sec. cor. of sec. 5 only, hereinafter described.
47.23	Point for the S. 1/16 sec. cor. of sec. 5 only, hereinafter described.
67.21	Point for the closing cor. of secs. 5 and 8, hereinafter described.
77.36	Point for mile cor. 314, at proportionate dist.; falls in the Virgin River, 2 chs. wide, course WSW.

	S. 0°30′ E., on the Arizona-Nevada State Boundary, on the 315th mile. Ascend through the Virgin River flood plain.
6.25	The edge of a small bluff above the flood zone, bears ESE and WNW; ascend over gently rolling desert terrain, through scattered creosote and cactus.
6.43	There is no remaining evidence of the original witness cor.
18.97	The closing cor. of secs. 15 and 22, T. 13 S., R. 71 E., Mt. Diablo Meridian, Nevada, bears West, 3 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, in a concrete column, 6 ins. diam., in a scattered mound of stone, with a white PVC pipe, 4 ins. diam., projecting 36 ins. above ground alongside, with brass cap mkd. T13S CC S15 S22 R71E AR1 1934 191.

Retracement of a Portion of the Arizona-Nevada State Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
58.96	The 1/4 sec. cor. of sec. 22 only, T. 13 S., R. 71 E., Mt. Diablo Meridian, Nevada, bears West, 1 lk. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with a mound of stone, 3 ft. base, 2 ft. high, W. of the cor., with brass cap mkd. 1/4 S22 1934. A wood post, 4 ins. sq., projecting 34 ins. above ground is set alongside.
69.94	The closing cor. of secs. 8 and 17, bears East, 8 lks. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 2 ft. base, 1/2 ft. high, with brass cap mkd. T39N S8 CC R16W S17 1912. A white PVC pipe, 4 ins. diam., projecting 3 1/2 ft. above ground, is 5 lks. W. of the cor.
77.36	Mile cor. 315, monumented with a granite stone, 9 ins. sq., firmly set, projecting 8 ins. above the ground, with a mound of earth, 5 ft. base, 1/2 ft. high, W. of the cor., mkd. ARIZ on the N., NEV on the S., and 315 on the W. sides.
	Dependent Resurvey of a Portion of the North Boundary, T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona
	Restoring the survey executed by Thomas B. Matthews in 1912-13
	From the cor. of secs. 2, 3, 34, and 35, monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. T40N S34 S35 16W S3 S2 T39N 1912.
	Add the marks R 1997 to the brass cap.
	The cor. is located under a power pole line, bears E. and W.
	N. 89°58′ W., bet. secs. 3 and 34.
	Over rolling desert hills, through scattered creosote and cactus.
20.01	Point for the E. 1/16 sec. cor. of secs. 3 and 34, occupied by a rebar, 18 ins. long, 1/2 in. diam., firmly set, projecting 1 in. above the ground, of unknown origin.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the North Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	T40N R16W S34 E1/16——— S 3 T39N 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	The cor. is located 30 lks. SSW of a cor. of fences extending N., S., and W., and 50 lks. W. of a power pole line, bears N. and S.
	Over nearly level, cultivated land.
40.02	The 1/4 sec. cor. of secs. 3 and 34, monumented with the corroded, flanged, concrete filled, bottom portion of an iron post, 1 in. diam., 7 ins. long, firmly set, 22 ins. below the ground, with the top portion, 12 ins. long, firmly set above, with brass cap mkd. T40N 1/4 1 W 34 1912.
	Add the marks 1997 to the brass cap.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 45 ins. in the ground, with brass cap mkd.
	T40N R16W S34 1/4——— S 3 T39N 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Bury the portions of the original iron post alongside the stainless steel post.
	The cor. is located in a hay field.
	N. 89°57′ W., beginning new measurement.

Dependent Resurvey of a Portion of the North Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
39.96	The cor. of secs. 3, 4, 33, and 34, monumented with an iron post, 3 ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd. T40N S33 S34 R16W + S4 S3 T39N 1912. Add the marks 1997 to the brass cap. The cor. is located on a S. slope, in a fence, bears N. and S.
	N. 89°59′ W., bet. secs. 4 and 33. Over gently rolling, open desert, through scattered creosote and cactus.
20.01	The E. 1/16 sec. cor. of secs. 4 and 33, established by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with a rebar, 20 ins. long, 5/8 in. diam., firmly set, 3 ins. below the ground, with illegible plastic cap. This is accepted as a careful and faithful determination of the position of the cor. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 34 ins. in the ground, with brass cap mkd. T40N R16W S33 E1/16 ——— S 4 T39N 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. Deposit the rebar inside the stainless steel post. The cor. is located 9 lks. E. of a cor. of fences extending N. and W. From this cor. point, a bent Bathey T-bar monument, 24 ins. long, 1 x 3/4 in., firmly set, 1 in. below the ground, bears N. 52° E., 0.5 lk. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper control, and is not utilized during the course of this resurvey.
	N. 89°59′ W., beginning new measurement.

Dependent Resurvey of a Portion of the North Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
20.01	The 1/4 sec. cor. of secs. 4 and 33, reestablished at proportionate dist. by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with an X chiseled in the concrete supporting a cor. of fences extending N., E., S., and W. This is accepted as a careful and faithful reestablishment of the position of the original cor. At the cor. point Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole in the concrete, with top mkd. T40N R16W S33 1/4——— S 4 T39N 1997 Deposit a magnet beneath the tablet. From this cor. point, an aluminum pipe, 30 ins. long, 2 1/2 ins. diam., firmly set, 10 ins. below the ground, with aluminum cap, 3 1/4 ins. diam., mkd. A.C.E.S. ENGR. RLS 17401 LAS VEGAS NEV. T40N S34 T39N S4 1988 R16W, bears N. 2°35′ E., 1 lk. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper control, and is not utilized during the course of this resurvey. ——————— N. 89°59′ W., beginning new measurement.
20.01	The W. 1/16 sec. cor. of secs. 4 and 33, established by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with a rebar, 20 ins. long, 5/8 in. diam., firmly set, 6 ins. below the ground. This is accepted as a careful and faithful determination of the position of the cor. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T40N R16W S33 W1/16 ——— S 4 T39N 1997

Dependent Resurvey of a Portion of the North Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	N. 89°59′ W., beginning new measurement.
5.00	Enter the Palms golf course.
20.01	Point for the cor. of secs. 4, 5, 32, and 33, determined by the irregular exterior method, using data from a map provided by Bulloch Brothers Engineering, Inc., Mesquite, Nevada, certified in 1989 by Scott M. Bulloch, R.L.S. 21056, showing the position of the original cor.; there is no remaining evidence of the original cor.
	Set an aluminum post, 72 ins. long, 3/4 in. diam., 77 ins. in the ground, with magnetized aluminum cap mkd.
	T40N R16W S32 | S33 S 5 | S 4 T39N 1997
	The cor. is located near the tee area of the fourth hole of the Palms golf course, and 1.5 lks. N. 65° W. from a power pole in a pole line, bears E. an W.
	N. 89°58′ W., bet. secs. 5 and 32.
	Continue over the Palms golf course.
20.01	The E. 1/16 sec. cor. of secs. 5 and 32, established by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with a rebar, 20 ins. long, 5/8 in. diam., firmly set, projecting 1 in. above the ground, with plastic cap mkd. BULLOCH BROS LS 21056. This is accepted as a careful and faithful determination of the position of the cor.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the North Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	T40N R16W S32 E1/16 —— S 5 T39N 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	A steel fence post is set near the cor.
	The cor. is located 4 lks. E. of a hog wire fence, bears N. and S., and 12 lks. ESE from the SE cor. of the concrete and iron wall of a mobile home park.
	From this cor. point, a Bathey T-bar monument, 24 ins. long, 1 x 3/4 in., firmly set, flush with the ground, with metal tag mkd. SURVEY POINT DO NOT DISTURB RLS 17401, bears North, 1 lk. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper control, and is not utilized during the course of this resurvey.
	N. 89°58′ W., beginning new measurement.
	Along the S. wall of the mobile home park.
20.01	The 1/4 sec. cor. of secs. 5 and 32, monumented with the corroded remains of an iron post, concrete filled, stuck in the bottom of a galvanized iron water pipe, set by Allen Robberson, R.L.S. 14208, 24 ins. long, 1 in. diam., firmly set, projecting 4 ins. above the ground, in a mound of stone, 3 ft. base, 1/2 ft. high, with plastic cap mkd. RLS 14208.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T40N R16W S32 1/4 —— S 5 T39N 1997

Dependent Resurvey of a Portion of the North Boundary,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case beneath the stainless steel post. Bury the iron pipe and the remains of the original iron post alongside the stainless steel post. The cor. is located at the prolongation of the walls of the mobile home park, extend N. and E.
	S. 89°59′ W., beginning new measurement.
19.83	Intersect the Arizona-Nevada State Bdy., point for the closing cor. of Tps. 39 and 40 N., R. 16 W. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 31 ins. in the ground, with brass cap mkd. T40N R16W T13S S32 S10 CC R71E S 5 T39N 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. From this cor. point, a galvanized iron pipe fence cor., 2 1/2 ins. diam., firmly set, projecting 8 ft. above the ground, with chainlink fences extend N., E., S., and W., bears S. 89°59′ W., 1 lk. dist. This is accepted as the best available evidence of the position of the original closing cor. From this same cor. point, mile cor. 313, on the Arizona-Nevada State Bdy., hereinbefore described, bears S. 0°06′ W., 12.49 chs. dist.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

Restoring the Survey Executed by
Thomas B. Matthews in 1912-13

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of secs. 2, 3, 10, and 11, monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. T39N R16W S3 S2 S10 S11 1912. Add the marks 1997 to the brass cap. The cor. is located in a fence, bears N. and S., and on the W. edge of an intersection of graded roads, extending N., E., and S. N. 0°02′ E., bet. secs. 2 and 3. Descend over rolling desert terrain, through scattered creosote and cactus, along a fence.
20.01	Point for the S. 1/16 sec. cor. of secs. 2 and 3. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T39N R16W S1/16 S 3 | S 2 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. The cor. is located 3 lks. E. of a fence, bears N. and S., and 40 lks. E. of a power pole line, bears N. and S. From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 18 ins. above the ground, of unknown origin, bears S. 12° W., 8 lks. dist.
40.02	The 1/4 sec. cor. of secs. 2 and 3, monumented with an iron post, 1 in. diam., loosely set, projecting 17 ins. above ground, in a mound of stone, 1 1/2 ft. base, 1/2 ft. high, in a tire, with brass cap mkd. 1/4 S3 S2 1912. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	T39N R16W 1/4 S 3 | S 2 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Bury the original iron post alongside the stainless steel post.
	The cor. is located in a broad wash, 4 chs. wide, drains N.
	N. 0°02′ E., beginning new measurement.
20.02	The N. 1/16 sec. cor. of secs. 2 and 3, established by James T. Stovall, R.L.S. 25088, in 1996, monumented with a rebar, 17 ins. long, 1/2 in. diam., firmly set, projecting 3 ins. above the ground, with plastic cap mkd. RLS 25088. This is accepted as a careful and faithful determination of the position of the cor.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T39N R16W N1/16 S 3 | S 2 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	Set a steel fence post near the cor.
	The cor. is located near the toe of a spur, slopes W.
	N. 0°02′ E., beginning new measurement.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
20.07	The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp., hereinbefore described.
	From the 1/4 sec. cor. of secs. 9 and 10, monumented with the corroded remains of the bottom portion of an iron post, flanged, concrete filled, 21 ins. long, 1 in. diam., firmly set, projecting 2 ins. above ground, in a well embedded mound of stone, 4 ft. base, with the top portion, 15 ins. long, laying on the ground alongside, with brass cap mkd. 1/4 S9 S10 1912. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. T39N R16W 1/4 S 9 | S10 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. Bury both portions of the original iron post alongside the stainless steel post. The cor. is located near the top of a steep N. slope above the Virgin River plain. North, bet. secs. 9 and 10. Descend into the Virgin River flood plain.
39.90	Point for the cor. of secs. 3, 4, 9, and 10, at proportionate distance; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. T39N R16W S 4 | S 3 S 9 | S10 1997

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case beneath the stainless steel post. The cor. is located on the flood plain of the Virgin River. From this cor. point, a rebar, 5/8 in. diam., firmly set, flush with the ground, with aluminum cap, 3 1/4 ins. diam., mkd. T39N R16W 4 3 9 10 1997 RLS 25088, bears N. 25°34′ E., 2 lks. dist., set by James T. Stovall, R.L.S. 25088, in 1996. This was determined using improper control, and is not utilized during the course of this resurvey.
	From the cor. of secs. 2, 3, 10, and 11. N. 89°51′ W., bet. secs. 3 and 10. Over gently rolling, open desert, through scattered creosote and cactus.
19.91	Point for the E. 1/16 sec. cor. of secs. 3 and 10. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T39N R16W S 3 E1/16——— S10 1997 Deposit a magnet in a white plastic case beneath the stainless steel post.
39.82	The 1/4 sec. cor. of secs. 3 and 10, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, 1/2 ft. high, with brass cap mkd. 1/4 S3 S10 1912. Add the marks T39N R16W 1997 to the brass cap.
	N. 89°51′ W., beginning new measurement.
19.97	Point for the W. 1/16 sec. cor. of secs. 3 and 10. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	T39N R16W S 3 W1/16——— S10 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	From this cor. point, a rebar, 1/2 in. diam., firmly set, flush with the ground, with plastic cap mkd. RLS 25088, bears N. 15° E., 1 lk. dist., set by James T. Stovall, R.L.S. 25088, in 1996. This was determined using improper control, and is not utilized during the course of this resurvey.
39.94	The cor. of secs. 3, 4, 9, and 10.
	N. 0°08′ W., bet. secs. 3 and 4.
	Over the Virgin River flood plain, through dense tamarisk.
19.95	Point for the S. 1/16 sec. cor. of secs. 3 and 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T39N R16W S1/16 S 4 | S 3 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	From this cor. point, a rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground, of unknown origin bears N. 12° W. 2.5 lks. dist.
25.00	Virgin River, 2 chs. wide, course W.; ascend gradually, over developed land, along a fence.
39.90	The 1/4 sec. cor. of secs. 3 and 4, monumented with the corroded remains of the bottom of an iron post, concrete filled, 1 in. diam., firmly set, 24 ins. below the bottom of a pond, approximately 4 1/2 ft. below the surface of the water.
	At the cor. point

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the bottom of the pond, with brass cap mkd. T39N R16W 1/4 S 4 | S 3 | 1997 from which A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 23 ins. in the ground, for a reference monument, bears N. 44°11′ E., 29.23 ft. dist., with brass cap mkd. RM T39N R16W 1/4 S3 29.23 FT TO COR 1997, and an arrow pointing the cor. Deposit a magnet in a white plastic case beneath the reference monument. A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 34° W., 63.60 ft. dist., with brass cap mkd. RM T39N R16W 1/4 63.6 FT TO COR S4 1997, and an arrow pointing the cor. Deposit a magnet in a white plastic case beneath the reference monument. Deposit a magnet in a white plastic case beneath the stainless steel post. Bury the remains of the original iron post beneath the stainless steel post. Set a steel fence post near the cor. The cor. is located in a pond, approximately 50 ft. wide, 150 ft. long. From this cor. point, an aluminum pipe, 30 ins. long, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the bottom of the pond, in a scattered mound of stone, with aluminum cap, 3 1/4 ins. diam., with illegible marks, bears N. 64° W., 10 lks. dist., set by Ray Novatney, R.L.S. 17401, in 1988.
	N. 0°08′ W., beginning new measurement.
7.65	Mesquite ditch, concrete, 10 ft. wide, 5 ft. deep, flows W.
19.98	Point for the N. 1/16 sec. cor. of secs. 3 and 4.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd. T39N R16W N 1/16 S 4 | S 3 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. The cor. is located 5 lks. E. of a fence, bears N. and S. From this cor. point, a Bathey T-bar monument, 24 ins. long, 1 x 3/4 in., loosely set, projecting 2 ins. above the ground, with metal tag mkd. SURVEY POINT DO NOT DISTURB RLS 17401, bears N. 60 1/2° W., 4.5 lks. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper control, and is not utilized during the course of this resurvey. From this same cor. point, a rebar, 5/8 in. diam., firmly set, 2 ins. below ground, bears N. 1 1/2° W., 2 lks. dist., set by Scott M. Bulloch, R.L.S. 21056, in 1989. This was determined using improper control, and is not utilized during the course of this resurvey.
40.06	The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp., hereinbefore described.

	From the 1/4 sec. cor. of secs. 8 and 9, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with a mound of stone, 2 ft. base, 1 ft. high, W. of the cor, with brass cap mkd. 1/4 S8 S9 1912. Add the marks T39N R16W 1997 to the brass cap. N. 0°05′ W., bet. secs. 8 and 9. Descend over rolling desert terrain, through scattered creosote and cactus.
28.00	Top of a bluff, bears E. and W.; descend into the Virgin River flood plain.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the cor. of secs. 4, 5, 8, and 9, at proportionate dist.; there is no remaining evidence of the original cor., falls on an area of severe flooding, in dense tamarisk, where it is impracticable to establish a permanent monument
	From the cor. of secs. 3, 4, 9, and 10.
	N. 89°51′ W., bet. secs. 4 and 9.
	Over the Virgin River flood plain, through dense tamarisk.
40.11	Point for the 1/4 sec. cor. of secs. 4 and 9, at proportionate dist.; there is no remaining evidence of the original cor., falls on an area of severe flooding, in dense tamarisk, where it is impracticable to establish a permanent monument.
80.22	The point for the cor. of secs. 4, 5, 8, and 9.
	N. 0°01′ W., bet. secs. 4 and 5.
	Over the Virgin River flood plain, through dense tamarisk.
10.00	Virgin River, 2 chs. wide, course WSW.
20.00	Point for the S. 1/16 sec. cor. of secs. 4 and 5.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T39N R16W S1/16 S 5 | S 4 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Thence over cultivated land.
40.00	The 1/4 sec. cor. of secs. 4 and 5, reestablished at proportionate dist. by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with a rebar, 18 ins. long, 3/4 in. diam., firmly set, 1 in. below the ground. This is accepted as a careful and faithful reestablishment of the position of the cor.
	At the cor. point

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 31 ins. in the ground, with brass cap mkd. T39N R16W 1/4 S 5 | S 4 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	From this cor. point, an aluminum pipe, 30 ins. long, 2 1/2 ins. diam., firmly set, 6 ins. below the ground, with aluminum cap, 3 1/4 ins. diam., with illegible marks, bears S. 27° E., 5 lks. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper control, and is not utilized during the course of this resurvey.

	N. 0°01′ W., beginning new measurement.
0.10	Graded road, 20 lks. wide, bears E. and W.
0.25	Fence, bears E. and W.
0.50	Mesquite ditch, concrete, 10 ft. wide, 5 ft. deep, flows W.; ascend into the Palms golf course.
20.00	Point for the N. 1/16 sec. cor. of secs. 4 and 5.
	Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole in the surface of the Peppermill Palms Rd., mkd. T39N R16W N1/16 S 5 | S 4 1997
	Deposit a magnet in a white plastic case beneath the brass tablet.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
39.80	The cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp., hereinbefore described.
	From the point for the cor. of secs. 4, 5, 8, and 9. N. 89°54′ W., bet. secs. 5 and 8. Over the Virgin River flood plain through dense tamarisk.
40.04	Point for the 1/4 sec. cor. of secs. 5 and 8, at proportionate dist.; there is no remaining evidence of the original cor., falls on an area of severe flooding, in dense tamarisk, where it is impracticable to establish a permanent monument.
59.33	Point for the closing cor. of secs. 5 and 8, at proportionate dist. on the Arizona-Nevada State Bdy.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T39N T13S | S 5 S15 ——CC R71E | S 8 R16W 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. From this cor. point, the point for mile cor. 314, hereinbefore described, bears S. 0°30′ E., 10.15 chs. dist.
	The point for the S. 1/16 sec. cor. of sec. 5 only, is at proportionate dist. on the Arizona-Nevada State Bdy. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T39N T13S | R16W R71E | S 1/16 S 5 1997 Deposit a magnet in a white plastic case beneath the stainless steel post.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS

From this cor. point, the closing cor. of secs. 5 and 8, bears S. 0°30′ E., 19.98 chs. dist.

The 1/4 sec. cor. of sec. 5 only, established by Scott M. Bulloch, R.L.S. 21056, in 1989, at proportionate dist. on the Arizona-Nevada State Bdy., monumented with a rebar, 20 ins. long, 5/8 in. diam., firmly set, flush with the ground. This is accepted as a careful and faithful determination of the position of the cor.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S | T39N
R71E | R16W
1997 | 1/4 S5

Deposit a magnet in a white plastic case beneath the stainless steel post.

Deposit the rebar inside the stainless steel post.

From this cor. point, an aluminum pipe, 30 ins. long, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, in a mound of stone, 3 1/2 ft. base, to top, with aluminum cap, 3 1/4 ins. diam. mkd. A.C.E.S. ENGR. RLS17401 LAS VEGAS NEV. W1/4 CC S.5 T39N R16W 1988, bears S. 0°44′ E., 18 lks. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper procedures, and is not utilized during the course of this resurvey.

From this same cor. point, the closing cor. of secs. 5 and 8, bears S. 0°30′ E., 39.96 chs. dist.

The N. 1/16 sec. cor. of sec. 5 only, established by Scott M. Bulloch, R.L.S. 21056, in 1989, at proportionate dist. on the Arizona-Nevada State Bdy., monumented with a rebar, 17 ins. long, 5/8 in. diam., firmly set, 2 ins. below the ground, with plastic cap mkd. BULLOCH BROS. LS21056, . This is accepted as a careful and faithful determination of the position of the cor.

At the cor. point

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground to bedrock, supported in a collar of stone, with brass cap mkd.

T39N
R16W
T13S | N1/16
R71E | S 5

1997

Deposit a magnet in a white plastic case beneath the stainless steel post.

Deposit the rebar inside the stainless steel post.

The cor. is located 1 lk. E. of the chainlink fence on the E. side of the Virgin Valley High School athletic field, 8 ft. high, bears N. and S.

From this cor. point, the closing cor. of secs. 5 and 8, bears S. 0°30′ E., 59.94 chs. dist.

From this same cor. point, mile cor. 313, on the Arizona-Nevada State Bdy., hereinbefore described, bears N. 0°30′ W., 7.27 chs. dist.

Subdivision of Section 3,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

From the 1/4 sec. cor. of secs. 3 and 10.

N. 0°07′ W., on the N. and S. center line of sec. 3.

19.98 Point for the center S. 1/16 sec. cor. of sec. 3.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

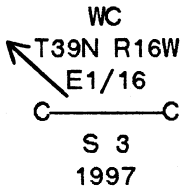
T39N R16W
C
S1/16 | S 3
C

1997

Subdivision of Section 3,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case beneath the stainless steel post.
30.00	Virgin River, 2 chs. wide, course WSW.
39.96	Point for the center 1/4 sec. cor. of sec. 3, at intersection with the E. and W. center line of sec. 3. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T39N R16W C1/4 S3 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. The cor. is located in the flood plain of the Virgin River. From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 1 in. above the ground, in a mound of stone, 2 ft. base, 1/2 ft. high, with plastic cap mkd. LS 24528, with a steel fence post alongside, bears N. 0°09′ W., 85 lks. dist., set by James J. Owens, R.L.S. 24528, in 1991. From this same cor. point, a cor. of fences, 8 ft. high, extending S. 16 1/4° E. and S. 61 1/4° W., bears N. 41°24′ E., 3.56 chs. dist., located 15 lks. S. of the Mesquite ditch, flows S. 60° W.
41.34	Fence, bears N. 61° E. and S. 61° W.
41.50	Mesquite ditch, flows S. 60° W.; ascend a bluff.
59.96	Point for the center N. 1/16 sec. cor. of sec. 3. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T39N R16W C N1/16 | S 3 C 1997

Subdivision of Section 3,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	The cor. is located 26 lks. S. 33° E. of a well.
	From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 1 in. above the ground, with plastic cap mkd. OWENS RLS 24528, bears N. 9° E., 3.5 lks. dist., Set by James J. Owens, R.L.S. 24528, in 1995. This was determined using improper control, and is not utilized during the course of this survey.
	From this same cor. point, a rebar, 3/4 in. diam., firmly set, projecting 2 ins. above ground, with aluminum cap, 2 ins. diam., mkd. 21776, bears S. 7° E., 7 lks. dist., set by Robert Byron Jones, R.L.S. 21776. This was established using improper procedures, and is not utilized during the course of this survey.
80.04	The 1/4 sec. cor. of secs. 3 and 34, on the N. bdy. of the Tp.
	From the 1/4 sec. cor. of secs. 2 and 3.
	N. 89°56′ W., on the E. and W. center line of sec. 3.
19.96	Point for the center E. 1/16 sec. cor. of sec. 3, falls in a small wash, subject to erosion, where it is impractical to establish a permanent monument.
	From this point, the point selected for a witness cor. bears S. 51°25′ E., 0.44 chs. dist.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	The witness cor. is located on a small bench above the river.
23.50	Virgin River, 100 lks. wide, course WSW.
36.80	Fence, 8 ft. high, bears N. 16° E. and S. 16° W.
39.92	The center 1/4 sec. cor. of sec. 3.

Subdivision of Section 3,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
59.89	Point for the center W. 1/16 sec. cor. of sec. 3. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T39N R16W W1/16 C———C S 3 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. The cor. is located on the S. slope of a saddle of a small, isolated hill.
79.86	The 1/4 sec. cor. of secs. 3 and 4.
	NE 1/4 of Section 3
	From the true point for the center E. 1/16 sec. cor. of sec. 3. N. 0°02′ W., on the N. and S. center line of the NE 1/4 of sec. 3.
2.00	Virgin River, 100 lks. wide, course WSW.
20.01	Point for the NE 1/16 sec. cor. of sec. 3, at intersection with the E. and W. center line of the NE 1/4 of sec. 3. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T39N R16W NE1/16 S3 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 1 in. above the ground, of unknown origin, bears N. 37° E., 5 lks. dist.

Subdivision of Section 3,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
40.08	The E. 1/16 sec. cor. of secs. 3 and 34, on the N. bdy. of the Tp.
	From the N. 1/16 sec. cor. of secs. 2 and 3.
	N. 89°58′ W., on the E. and W. center line of the NE 1/4 of sec. 3.
15.00	Virgin River, 2 chs. wide, course SSW.
19.99	The NE 1/16 sec. cor. of sec. 3.
39.98	The center N. 1/16 sec. cor. of sec. 3.
	SE 1/4 of Section 3
	From the E. 1/16 sec. cor. of secs. 3 and 10.
	N. 0°02′ W., on the N. and S. center line of the SE 1/4 of sec. 3.
20.00	Point for the SE 1/16 sec. cor. of sec. 3, at intersection with the E. and W. center line of the SE 1/4 of sec. 3.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T39N R16W
	SE1/16 S3
	1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	The cor. is located on the NW slope of a small ravine, drains N.
40.00	The true point for the center E. 1/16 sec. cor. of sec. 3.
	From the S. 1/16 sec. cor. of secs. 2 and 3.
	N. 89°53′ W., on the E. and W. center line of the SE 1/4 of sec. 3.

Subdivision of Section 3,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
19.94	The SE 1/16 sec. cor. of sec. 3.
39.88	The center S. 1/16 sec. cor. of sec. 3.

SW 1/4 of Section 3

From the W. 1/16 sec. cor. of secs. 3 and 10.

N. 0°07′ W., on the N. and S. center line of the SW 1/4 of sec. 3.

19.97 Point for the SW 1/16 sec. cor. of sec. 3, at intersection with the E. and W. center line of the SW 1/4 of sec. 3.

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

T39N R16W

SW1/16 S3

1997

Deposit a magnet in a white plastic case beneath the stainless steel post.

The cor. is located in dense tamarisk, on the flood plain of the Virgin River.

25.00 Virgin River, 2 chs. wide, course WSW.

39.94 The center W. 1/16 sec. cor. of sec. 3.

From the center S. 1/16 sec. cor. of sec. 3.

N. 89°54′ W., on the E. and W. center line of the SW 1/4 of sec. 3.

19.97 The SW 1/16 sec. cor. of sec. 3.

30.00 Virgin River, 2 chs. wide, course SW.

39.94 The S. 1/16 sec. cor. of secs. 3 and 4.

Subdivision of Section 4,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	From the point for the 1/4 sec. cor. of secs. 4 and 9.
	N. 0°04′ W., on the N. and S. center line of sec. 4.
15.00	Virgin River, 2 chs. wide, course WSW.
19.98	Point for the center S. 1/16 sec. cor. of sec. 4, falls on an area of severe flooding, in dense tamarisk, where it is impracticable to establish a permanent monument.
	From this point, the point selected for a witness cor. bears N. 17°55′ W., 0.39 chs. dist.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	WC T39N R16W C S1/16 | S 4 C 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	The witness cor. is located in dense Tamarisk, on the right bank of the Virgin River, bears NE and SW.
39.96	Point for the center 1/4 sec. cor. of sec. 4, at intersection with the E. and W. center line of sec. 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 58 ins. in the ground, with brass cap mkd.
	T39N R16W C1/4 S4 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	From this cor. point, the black plastic bottom of a break away monument, with a magnet in the center, firmly set, 22 ins. below the ground, of unknown origin, bears N. 15° E., 2.5 lks. dist.

Subdivision of Section 4,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
59.95	Point for the center N. 1/16 sec. cor. of sec. 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	T39N R16W C N1/16 | S 4 C 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
79.89	The 1/4 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp.
	From the 1/4 sec. cor. of secs. 3 and 4.
	N. 89°47′ W., on the E. and W. center line of sec. 4.
20.03	Point for the center E. 1/16 sec. cor. of sec. 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T39N R16W E1/16 C——C S 4 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
22.50	Mesquite ditch, concrete, 12 ft. wide, 4 ft. deep, flows SSE.
40.06	The center 1/4 sec. cor. of sec. 4.
80.12	The 1/4 sec. cor. of secs. 4 and 5.
	NE 1/4 of Section 4
	From the center E. 1/16 sec. cor. of sec. 4.

Subdivision of Section 4,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0°06′ W., on the N. and S. center line of the NE 1/4 of sec. 4.
19.99	Point for the NE 1/16 sec. cor. of sec. 4, at intersection with the E. and W. center line of the NE 1/4 of sec. 4. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T39N R16W NE 1/16 S4 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. From this cor. point, a rebar, 5/8 in. diam., firmly set, flush with the ground, with plastic cap mkd. BULLOCH BROS. LS 21056, bears N. 3° E., 2 lks. dist., set by Scott M. Bulloch, R.L.S. 21056. This was determined using improper control, and is not utilized during the course of this survey. From this same cor. point, a Bathey T-bar monument, 24 ins. long, 1 x 3/4 in., firmly set, projecting 1 in. above the ground, with metal tag mkd. SURVEY POINT DO NOT DISTURB RLS 17401, with a steel fence post laying loose on the ground alongside, bears N. 60° W., 8 lks. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper control, and is not utilized during the course of this survey.
40.00	The E. 1/16 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp.
	From the N. 1/16 sec. cor. of secs. 3 and 4. N. 89°46′ W., on the E. and W. center line of the NE 1/4 of sec. 4.
20.02	The NE 1/16 sec. cor. of sec. 4.
40.04	The center N. 1/16 sec. cor. of sec. 4.
	SE 1/4 of Section 4
	From the S. 1/16 sec. cor. of secs. 3 and 4.

Subdivision of Section 4,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 89°49′ W., on the E. and W. center line of the SE 1/4 of sec. 4.
40.09	The true point for the center S. 1/16 sec. cor. of sec. 4.

SW 1/4 of Section 4

From true point for the center S. 1/16 sec. cor. of sec. 4.

N. 89°49′ W., on the E. and W. center line of the SW 1/4 of sec. 4.

40.08 The S. 1/16 sec. cor. of secs. 4 and 5.

Subdivision of Section 5,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

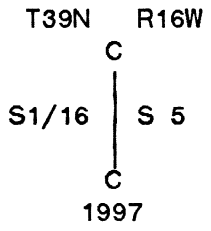
From the point for the 1/4 sec. cor. of secs. 5 and 8.

N. 0°01′ W., on the N. and S. center line of sec. 5.

5.00 Virgin River, 2 chs. wide, course WSW.

19.99 Point for the center S. 1/16 sec. cor. of sec. 5.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 45 ins. in the ground, with brass cap mkd.



Deposit a magnet in a white plastic case beneath the stainless steel post.

39.98 The center 1/4 sec. cor. of sec. 5, established at intersection with the E. and W. center line of sec. 5 by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with a rebar, 20 ins. long, 5/8 in. diam., firmly set, projecting 1 in. above the ground, with plastic cap mkd. BULLOCH BROS. LS 21056, . This is accepted as a careful and faithful determination of the position of the cor.

Subdivision of Section 5,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T39N R16W C1/4 S5 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. Deposit the rebar inside the stainless steel post. From this cor. point, an iron pipe, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with a scattered mound of stone, 2 ft. base, E. of the cor., with brass cap, 3 ins. diam., mkd. A.C.E.S. ENG. RLS 17401 T39N R16W C1/4 SEC.5 1988 LAS VEGAS NEV, bears S. 20° E., 12 lks. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper control, and is not utilized during the course of this survey.
	N. 0°01′ W., beginning new measurement.
19.99	The center N. 1/16 sec. cor. of sec. 5, established by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with a rebar, 20 ins. long, 5/8 in. diam., firmly set, projecting 2 ins. above the ground. This is accepted as a careful and faithful determination of the position of the cor. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T39N R16W C N1/16 | S 5 C 1997 Deposit a magnet in a white plastic case beneath the stainless steel post. Deposit the rebar inside the stainless steel post.

Subdivision of Section 5,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	The cor. is located 17 lks. N. of a fence, bears E. and W.
	N. 0°01′ W., beginning new measurement.
19.77	The 1/4 sec. cor. of secs. 5 and 32, on the N. bdy. of the Tp.
	From the 1/4 sec. cor. of secs. 4 and 5.
	N. 89°55′ W., on the E. and W. center line of sec. 5.
20.02	The center E. 1/16 sec. cor. of sec. 5, established by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with a rebar, 20 ins. long, 5/8 in. diam., firmly set, projecting 1 in. above the ground, with plastic cap mkd. BULLOCH BROS. LS 21056. This is accepted as a careful and faithful determination of the position of the cor.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	T39N R16W E1/16 C——C S 5 1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	N. 89°55′ W., beginning new measurement.
20.02	The center 1/4 sec. cor. of sec. 5.
	N. 89°55′ W., beginning new measurement.
19.62	The 1/4 sec. cor. of sec. 5 only, on the Arizona-Nevada State Bdy.

Subdivision of Section 5,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	NE 1/4 of Section 5
	From the center E. 1/16 sec. cor. of sec. 5.
	N. 0°01′ W., on the N. and S. center line of the NE 1/4 of sec. 5.
20.00	The NE 1/16 sec. cor. of sec. 5, established at intersection with the E. and W. center line of the NE 1/4 of sec. 5 by Scott M. Bulloch, R.L.S. 21056, in 1989, monumented with a rebar, 20 ins. long, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, with plastic cap mkd. BULLOCH BROS. LS 21056. This is accepted as a careful and faithful determination of the position of the cor.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T39N R16W
	NE 1/16 S5
	1997
	Deposit a magnet in a white plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	The cor. is located on a SE slope, 8 lks. N. of a fence, bears E. and W.
	From this cor. point, a Bathey T-bar monument, 24 ins. long, 1 x 3/4 in., firmly set, projecting 2 ins. above the ground, with stainless steel disk mkd. SURVEY POINT DO NOT DISTURB RLS 17401, bears S. 8° E., 8 lks. dist., set by Ray Novatney, R.L.S. 17401, in 1988. This was determined using improper control, and is not utilized during the course of this survey.
	N. 0°01′ W., beginning new measurement.
19.79	The E. 1/16 sec. cor. of secs. 5 and 32, on the N. bdy. of the Tp.
	From the N. 1/16 sec. cor. of secs. 4 and 5.

Subdivision of Section 5,
T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 89°56′ W., on the E. and W. center line of the NE 1/4 of sec. 5.
20.01	The NE 1/16 sec. cor. of sec. 5.
	N. 89°56′ W., beginning new measurement.
20.01	The center N. 1/16 sec. cor. of sec. 5.
	SE 1/4 of Section 5
	From the S. 1/16 sec. cor. of secs. 4 and 5.
	N. 89°55′ W., on the E. and W. center line of the SE 1/4 of sec. 5.
40.03	The center S. 1/16 sec. cor. of sec. 5.
	SW 1/4 of Section 5
	From the center S. 1/16 sec. cor. of sec. 5.
	N. 89°55′ W., on the E. and W. center line of the SW 1/4 of sec. 5.
19.46	The S. 1/16 sec. cor. of sec. 5 only, on the Arizona-Nevada State Bdy.
	NW 1/4 of Section 5
	From the center N. 1/16 sec. cor. of sec. 5.
	N. 89°58′ W., on the E. and W. center line of the NW 1/4 of sec. 5.
19.79	The N. 1/16 sec. cor. of sec. 5 only, on the Arizona-Nevada State Bdy.

T. 39 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS	GENERAL DESCRIPTION
	The area surveyed is located immediately east of Mesquite, Nevada. Access is provided by U.S. Interstate Highway 15, Mohave County Highway 91, Peppermill Palms Rd., and various dirt roads. Most of the terrain is gently rolling, open desert, with some heavily eroded areas adjacent to the Virgin River, which flows southwesterly through the project area. The Virgin River runs high and fast during the rainy seasons, often changing the main channel within the flood plain. The vegetation consists of creosote and cactus, with some riparian growth of Cottonwood and Tamarisk in the Virgin River flood plain. The average elevation is approximately 1650 feet above sea level. The mean magnetic declination is 14° E., as taken from quadrangle map MESQUITE, NEV.-ARIZ., Provisional Edition, published in 1985 by U.S. Geological Survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Joe R. Salazar	Cadastral Surveyor
Geoffrey A. Graham	Surveying Technician
John L. Reynolds	Surveying Technician

CERTIFICATE OF SURVEY

I, William P. Carpender, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 5th day of June, 1997 and Supplemental Special Instructions bearing date of the 24th day of July, 1997, I have retraced a portion of the Arizona-Nevada State boundary (west boundary), dependently resurveyed a portion of the north boundary and a portion of the subdivisional lines, and subdivided sections 3, 4, and 5, in Township 39 North, Range 16 West, of the Gila and Salt River Meridian, in the State of Arizona, 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.

JANUARY 14, 1999
(Date)

William P Carpender
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the retracement of a portion of the Arizona-Nevada State boundary (west boundary), the dependent resurvey of a portion of the north boundary and a portion of the subdivisional lines, and the subdivision of sections 3, 4, and 5, in Township 39 North, Range 16 West, Gila and Salt River Meridian, Arizona, executed by William P. Carpender, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

Feb. 22, 1999
(Date)

Kenny D Ravnikar
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY that ~~the~~ foregoing transcript of the field notes of the above-described surveys in T. 39 N., R. ~~16~~ W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~