

ORIGINAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF PORTIONS

---

OF THE WEST BOUNDARY AND SUBDIVISIONAL LINES,

---

THE METES-AND-BOUNDS SURVEY OF THE 1983 ALIGNMENT OF UNIVERSITY DRIVE,

---

A PORTION OF THE METES-AND-BOUNDS SURVEY OF LOT 6 OF SECTION 18,

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THE SUBDIVISION OF SECTION 18,

---

AND

---

CERTAIN METES-AND-BOUNDS SURVEYS IN SECTION 18

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OF

---

TOWNSHIP 1 NORTH, RANGE 7 EAST

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

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EXECUTED BY  
Stephen K. Hansen Cadastral Surveyor

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Under Special Instructions dated January 9, 1996, approved January 9, 1996, which provided for the surveys included under Group Number 754, and assignment instructions dated January 9, 1996.

Survey Commenced January 16, 1996  
Survey Completed January 14, 1997

2  
 BOOK 5479  
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## BOOK 5479

T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes describe the dependent resurvey of portions of the west boundary and subdivisional lines, the metes-and-bounds survey of the 1983 alignment of University Drive, a portion of the metes-and-bounds survey of lot 6 of section 18, the subdivision of section 18, and certain metes-and-bounds surveys in section 18, Township 1 North, Range 7 East, Gila and Salt River Meridian, Arizona.

The west boundary was surveyed by George P. Ingalls in 1868. The west boundary was resurveyed and the township was subdivided by Sidney E. Blout in 1921. Portions of the west boundary and the subdivisional lines were resurveyed and a metes-and-bounds survey of Lot 6 was performed by Dennis McKay in 1983. Duane R. Garoutte dependently resurveyed a portion of the subdivisional lines in 1985.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated January 9, 1996, for Group No. 754, 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 by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Sokkia Set 2B II total station instrument.

The geographic position of the 1/4 section corner of sections 18 and 19 was determined by the technique of static differential positioning using Ashtech models M-XII and MS-XII geodetic units. U.S. Coast and Geodetic Survey triangulation station "VAL VISTA" was used as the control station. The coordinates refer to the top of the monument.

Latitude

Longitude

33°25'20.55" N.

111°40'31.29" W.

NAD27

The mean magnetic declination, as taken from quadrangle map BUCKHORN, ARIZ., published in 1956 by U.S. Geological Survey, is 13 1/2° E.

## BOOK 5479

Dependent Resurvey of a Portion of the West Boundary  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	<p style="text-align: center;">Reestablishment of the Resurvey Executed by Dennis K. McKay, in 1983</p> <hr style="width: 20%; margin: auto;"/>
	<p>Beginning at the 1/4 sec. cor. of sec. 24 only, T. 1 N., R. 6 E., monumented with a brass tablet, 3 1/4 ins. diam., firmly seated, in concrete, 6 ins. below pavement, in a hand hole, mkd. MARICOPA CO HIGHWAY DEPT. This is accepted as the best available evidence of the orig. cor. position. Not remonumented.</p> <p>N. 0°14' E., between secs. 19 and 24.</p> <p>Along the center line of Power Road.</p>
36.802	<p>The closing cor. of secs. 18 and 19, T. 1 N., R. 7 E., identical with AP 1, Lot 6, monumented with a brass tablet, 3 1/4 ins. diam., firmly seated, in concrete, 6 ins. below pavement, in a hand hole, mkd. MARICOPA CO HIGHWAY DEPT. This is accepted as a perpetuation of the monument described in the 1983 resurvey. Not remonumented.</p> <p>Cor. is located in the center line of Power Road.</p> <p>Continue along the center line of Power Road, between secs. 18 and 24.</p>
39.53	<p>The cor. of secs. 13 and 24 only, T. 1 N., R. 6 E., identical with AP 5, Lot 6, monumented with a brass tablet, 3 1/4 ins. diam., firmly seated, in concrete, 6 ins. below pavement, in a hand hole, mkd. MARICOPA CO HIGHWAY DEPT. This is accepted as a perpetuation of the monument described in the 1983 resurvey. Not remonumented.</p> <p>Cor. is located at the intersection of Power Road and University Drive.</p>
	<p style="text-align: center;">Reestablishment of the Resurvey Executed by Sidney E. Blout, in 1921</p> <hr style="width: 20%; margin: auto;"/> <p>N. 0°36' E., between secs. 13 and 18.</p> <p>5.59 Point for AP 15, at intersection with the N. right-of-way of abandoned Usery Pass Road, hereinafter described.</p> <p>17.27 Point for the S. 1/16 sec. cor. of sec. 18 only, at latitudinal midpoint between the closing cor. of secs. 18 and 19, and the 1/4 sec. cor. of sec. 18 only. Not monumented.</p>

Dependent Resurvey of a Portion of the West Boundary  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 37.27</p>	<p>The 1/4 sec. cor. of sec. 18 only, monumented with a brass tablet, 3 1/4 ins. diam., firmly seated, in concrete, 6 ins. below pavement, in a hand hole, mkd. MARICOPA CO HIGHWAY DEPT. This is accepted as the best available evidence of the orig. cor. position. Not remonumented.</p> <p>Cor. is located in the center line of Power Road.</p> <hr/> <p>N. 0°36' E., beginning new measurement.</p>
<p>2.66</p>	<p>The 1/4 sec. cor. of sec. 13 only, monumented with a brass tablet, 3 1/4 ins. diam., firmly seated, in concrete, 6 ins. below pavement, in a hand hole, mkd. MARICOPA CO HIGHWAY DEPT. This is accepted as the best available evidence of the orig. cor. position. Not remonumented.</p> <p>Cor. is located at the intersection of Power Road and Adobe Road.</p>
<p>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona</p>	
<p>Reestablishment of the Resurvey Executed by Dennis K. McKay, in 1983</p> <hr/>	
<p>From the cor. of secs. 17, 18, 19 and 20, monumented with a brass tablet, 3 1/4 ins. diam., firmly seated, in concrete, 6 ins. below pavement, in a hand hole, mkd. MARICOPA CO HIGHWAY DEPT. This monument was described and accepted as a careful and faithful perpetuation of the original corner position in the 1983 resurvey. Not remonumented.</p> <p>Cor. is located at the intersection of N. Sossaman Road and University Drive.</p> <p>West, bet. secs. 18 and 19, on the center line of University Drive.</p>	
<p>20.00</p>	<p>Point for the E. 1/16 sec. cor. of secs. 18 and 19. Not monumented.</p>
<p>20.543</p>	<p>A brass tablet, 3 1/4 ins. diam., firmly set, flush with the surface of pavement, mkd. MARICOPA CO HIGHWAY DEPT.</p>
<p>20.94</p>	<p>AP 12, a point of curvature on the centerline of the 1983 alignment of University Drive, at proportionate dist., hereinafter described.</p>

## BOOK 5479

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 35.00</p>	<p>Point for the W-W-E 1/256 sec. cor. of secs. 18 and 19.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 30 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T1N R7E S18 W-W-E 1/256 S19 1996</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>
<p>40.00</p>	<p>The 1/4 sec. cor. of secs. 18 and 19, monumented with an iron pipe, 2 1/2 ins. diam., firmly set, 4 ins. below the surface of ground. This monument was accepted as a careful and faithful perpetuation of the original corner in the 1983 dependent resurvey.</p> <p>Not remonumented.</p> <p>from which</p> <p style="padding-left: 40px;">A cor. of a concrete block fence, 6 ft. high, 6 ins. wide, with block walls extending S. and W., bears S. 86°05' W., 33 lks. dist.</p> <p style="padding-left: 40px;">An XBO, chiseled on the top back of curb, on the S. side of University Drive, bears N. 53°27' E., 67 lks. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°59' W., beginning new measurement.</p>
<p>19.97</p>	<p>Point for the W. 1/16 sec. cor. of secs. 18 and 19. Not monumented.</p>
<p>31.41</p>	<p>AP 2, Lot 6, established by McKay, in 1983, monumented with an aluminum post, 1 in. diam., 30 ins. long, firmly set, projecting 3 ins. above ground, with aluminum cap missing.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p>

## BOOK 5479

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
7.57	<p style="text-align: center;">T1N R7E AP2 LOT 6   S18 ----- S19 1996</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Remove the aluminum post from the area, impracticable to bury.</p> <p style="text-align: center;">-----</p> <p>N. 89°59' W., beginning new measurement.</p> <p>The closing cor. of secs. 18 and 19, T. 1 N., R. 7 E., hereinbefore described.</p>
20.00	<p style="text-align: center;">Reestablishment of the Survey Executed by Sidney E. Blout, in 1921 -----</p> <p>From the cor. of secs. 17, 18, 19 and 20.</p> <p>N. 0°13' E., bet. secs. 17 and 18.</p> <p>Point for the S. 1/16 sec. cor. of secs. 17 and 18, occupied by a rebar, 5/8 ins. diam., 30 ins. long, projecting 3 ins. above ground.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T1N R7E S 1/16 S18   S17 ----- 1996</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Deposit the rebar inside the stainless steel post.</p> <p>Cor. is located 3 lks. SE of a cor. of barbed wire fences, 3 strand, with fences extending S. and W.</p> <p>Thence along the E. side of a 3 strand barbed wire fence, on the west side of a trail road.</p>

## BOOK 5479

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 40.00</p>	<p>The 1/4 sec. cor. of secs. 17 and 18, monumented with a rebar, 5/8 ins. diam., 16 ins. long, firmly set, 3 ins. below the surface of ground. This is accepted as the best available evidence of the orig. cor. position.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T1N R7E 1/4 S18   S17 1996</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Deposit the rebar inside the stainless steel post.</p> <p>Cor. is located 2 lks. NE of a cor. of barbed wire fences, 3 strands, with fences extending S. and W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°17' E., beginning new measurement.</p>
<p>39.98</p>	<p>The cor. of secs. 7, 8, 17 and 18, monumented with a brass tablet, 3 1/4 ins. diam., firmly seated, in concrete, 6 ins. below pavement, in a hand hole, mkd. MARICOPA CO HIGHWAY DEPT. This was described and accepted as a careful and faithful perpetuation of the original corner position in the 1985 resurvey. Not remonumented.</p> <p>Cor. is located in the center line of Brown Road.</p>
<p>39.98</p>	<p>West, bet. secs. 7 and 18.</p> <p>Along the center line of Brown Road.</p> <p>The 1/4 sec. cor. of secs. 7 and 18, monumented with a brass tablet, 3 1/4 ins. diam., firmly seated, in concrete, 6 ins. below pavement, in a hand hole, mkd. MARICOPA CO HIGHWAY DEPT. This is accepted as the best available evidence of the orig. cor. position. Not remonumented.</p> <p>Cor. is located at the intersection of Brown Road and 72nd St.</p>



Dependent Resurvey of the Metes-and-Bounds Survey  
of the 1983 Alignment of University Drive,  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	MEMORANDUM
	<p>The 1983 dependent resurvey identified the center line of University Drive based on the Maricopa County road map recorded June 28, 1968. University Drive was subsequently realigned and there is no remaining physical evidence of its previous position. This dependent resurvey of the 1983 alignment of University Drive is based on the aforementioned county road map. The method of grant boundary adjustment was utilized to determine the position of intermediate points between controlling corners.</p>
	<p>From the cor. of secs. 13 and 24 only, T. 1 N., R. 6 E., identical with AP 5, Lot 6, hereinbefore described.</p> <p>S. 89°59' E., on the 1983 center line of University Drive.</p>
1.51	<p>Point for AP 4, a point of curvature, at proportionate distance. Not monumented.</p>
	<p>Thence along a 2°00'00" circular curve to the right, having a radius of 2864.91 ft., a dist. of 6.078 chs. along the arc on the line bet. AP 4 and AP 3, the chord of said arc bears S. 85°57' E., 6.073 chs. dist.</p>
6.078	<p>Point for AP 3, at intersection with the line bet. Lots 6 and 7, hereinafter described.</p>
	<p>Thence along the same 2°00'00" circular curve to the right, having a radius of 2864.91 ft., a dist. of 0.046 chs. continuing along the arc along the 1983 center line of University Drive, the chord of said arc bears S. 84°56' E., 0.046 chs. dist.</p>
6.124	<p>Point for AP 6, a point of tangency, at proportionate dist. Not monumented.</p>
	<p>S. 81°54' E., along the 1983 center line of University Drive.</p>
3.032	<p>Point for AP 7, a point of curvature, at proportionate dist. Not monumented.</p>
	<p>Thence along a 2°00'00" circular curve to the left, having a radius of 2864.91 ft., a dist. of 6.124 chs. continuing along the arc along the 1983 center line of University Drive, the chord of said arc bears S. 85°56'30" E., 6.119 chs. dist.</p>

Dependent Resurvey of the Metes-and-Bounds Survey  
of the 1983 Alignment of University Drive,  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
6.124	Point for AP 8, a point of tangency, at proportionate dist. Not monumented.  _____
	S. 89°59' E., along the 1983 center line of University Drive.
2.280	Point of intersection with the N. and S. center line of the SW 1/4 of sec. 18, hereinafter described.
15.261	Point of intersection with the present center line of University Drive, hereinafter described.
22.253	Point of intersection with the N. and S. center line of sec. 18, hereinafter described.
25.276	Point for AP 9, a point of curvature, at proportionate dist.  Set an aluminum post, 3/4 x 36 ins., 36 ins. in the ground.  Cor. is located 18 1/2 lks. N. of the back of concrete curb, on the N. side of University Drive.  _____
	Thence along a 1°59'53" circular curve to the right, having a radius of 2867.68 ft., a dist. of 1.979 chs. continuing along the arc along the 1983 center line of University Drive, the chord of said arc bears S. 88°40'45" E., 1.979 chs. dist.
1.979	Point for a closing cor. at intersection with the W 1/256 line of the SW 1/4 of the SE 1/4 of sec. 18, hereinafter described.
	Thence along the same 1°59'53" circular curve to the right, having a radius of 2867.68 ft., a dist. of 4.567 chs. continuing along the arc along the 1983 center line of University Drive, the chord of said arc bears S. 84°21'37" E., 4.566 chs. dist.
6.547	Point for AP 10, a point of tangency, at proportionate dist.  Set an aluminum post, 3/4 x 36 ins. 36 ins. in the ground.  Cor. is located 13 1/2 lks. N. of the back of concrete curb, on the N. side of University Drive.  _____
	S. 81°21' E., along the 1983 center line of University Drive.
3.032	Point for AP 11, a point of curvature., at proportionate dist.  Set an steel alloy nail, 1/4 x 1 1/2 ins., flush with pavement.  _____

## BOOK 5479

Dependent Resurvey of the Metes-and-Bounds Survey  
of the 1983 Alignment of University Drive,  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
6.547	<p>Thence along the a 1°59'53" circular curve to the left, having a radius of 2867.68 ft., a dist. of 6.547 chs. continuing along the arc along the 1983 center line of University Drive, the chord of said arc bears S. 85°39'57" E., 6.541 chs. dist.</p> <p>Point for AP 12, at intersection with the line bet. secs. 18 and 19.</p> <p>Set an steel alloy nail, 1/4 x 1 1/2 ins., flush with pavement.</p>
<p>Dependent Resurvey of a Portion of the Metes-and-Bounds Survey of Lot 6 of Section 18, T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona</p>	
<p>Reestablishment of the Resurvey Executed by Dennis K. McKay, in 1983</p>	
1.435	<p>From AP 2, Lot 6, hereinbefore described.</p> <p>N. 0°14' E., at record bearing on line 2-3 of lot 6, sec. 18.</p> <p>Point for the witness point on line 2-3 of lot 6, sec. 18. There is no remaining evidence of this monument. Not remonumented.</p>
2.305	<p>Point for AP 3, Lot 6, at intersection with the 1983 center line of University Drive. Not monumented.</p>
<p>Subdivision of Section 18</p>	
0.952	<p>From the 1/4 sec. cor. of secs. 18 and 19.</p> <p>N. 0°15 E., on the N. and S. center line of sec. 18.</p> <p>The present center line of University Drive.</p>
1.447	<p>Intersect the 1983 alignment of University Drive.</p> <p>Set an steel alloy nail, 1/4 x 1 1/2 ins., flush with pavement.</p> <p>Cor. is located 3 lks. S. of the back of concrete curb, on the N. side of University Drive.</p> <p>From this cor., AP 9 bears S. 89°59' E., 3.023 chs. dist.</p>

Subdivision of Section 18  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 20.00</p>	<p>Point for the center S. 1/16 sec. cor. of sec. 18, occupied by a rebar, 5/8 ins. diam., 18 ins. long, firmly set, 2 ins. below the surface of ground.</p> <p>Set a stainless steel post, 28 ins. long, 27 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">             T1N R7E              C              S 1/16   S18              C              1996         </p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Deposit the rebar inside the stainless steel post.</p> <p>Cor. is located 3 lks. E. of a chain link fence, 8 ft. tall, bears N. and S., and 10 lks. N. of a cor. of fences, 4 strand barbed wire, extending E. and S.</p>
<p>34.85</p>	<p>Point for AP 19, at intersection with the northerly R.O.W. of abandoned Usery Road, hereinafter described.</p>
<p>40.00</p>	<p>The center 1/4 sec. cor. of sec. 18, at intersection with the E. and W. center line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, 6 ins. below pavement, in a hand hole, with brass cap mkd. CITY OF MESA. This is accepted as a careful and faithful establishment of the cor. position. Not remonumented.</p> <p>Cor. is located in the center line of Adobe Road.</p> <p style="text-align: center;">_____</p> <p>N. 0°15' E., beginning new measurement.</p>
<p>39.98</p>	<p>The 1/4 sec. cor. of secs. 7 and 18.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 17 and 18.</p> <p>West, on the E. and W. center line of sec. 18.</p>
<p>19.99</p>	<p>Point for the center E. 1/16 sec. cor. of sec. 18. Not monumented.</p>
<p>39.98</p>	<p>The center 1/4 sec. cor. of sec. 18.</p> <p style="text-align: center;">_____</p> <p>West, beginning new measurement.</p>

## BOOK 5479

Subdivision of Section 18  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS 19.98	Point for the center W. 1/16 sec. cor. of sec. 18. Not monumented.
38.75	The 1/4 sec. cor. of sec. 18 only, on the W. bdy. of the Tp.
<hr/> SE 1/4 Section 18 <hr/>	
	From the point for the E. 1/16 sec. cor. of secs. 18 and 19. N. 0°14' E., on the N. and S. center line of the SE 1/4 of sec. 18.
20.00	Point for the SE 1/16 sec. cor. of sec. 18, at intersection with the E. and W. center line of the SE 1/4 of sec. 18. Not monumented.
40.00	The point for the center E. 1/16 sec. cor. of sec. 18.
	<hr/> From the S. 1/16 sec. cor. of secs. 17 and 18. West, on the E. and W. center line of the SE 1/4 of sec. 18.
20.00	The SE 1/16 sec. cor. of sec. 18, at intersection with the N. and S. center line of the SE 1/4 of sec. 18.
35.00	Point for the C-W-W-SE 1/256 sec. cor. of sec. 18, occupied by a rebar, 5/8 ins. diam., 18 ins. long, firmly set, 3 ins. below ground.  Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	T1N R7E S18 C-W-W-SE 1/256 1996
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.  Deposit the rebar inside the stainless steel post.  Cor. is located 10 lks. N. of a cor. of fences, 4 strand barbed wire, extending S. and W.
40.00	The center S. 1/16 sec. cor. of sec. 18.

## BOOK 54 79

Subdivision of Section 18

T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
18.602	<p>From the C-W-W-SE 1/256 sec. cor. of sec. 18.</p> <p>S. 0°15' W., on the W 1/256 line of the SW 1/4 of the SE 1/4 of sec. 18.</p> <p>Intersect the 1983 alignment of the center line of University Drive.</p> <p>Point for a closing cor.; falls on a shallow underground culvert, where it is impracticable to establish a durable monument.</p> <p>Set a 60d nail flush with the surface of ground.</p> <p>from which</p> <p>A chiseled "X" on the top face of the curb on the N. side of University drive bears S. 6°09' W., 0.281 chs. dist.</p> <p>From this cor. point, the W-W-E 1/256 sec. cor of secs. 18 and 19, bears S. 0°15' W., 1.398 chs. dist., hereinbefore described.</p>
SW 1/4 Section 18	
	<p>From the W. 1/16 sec. cor. of secs. 18 and 19.</p> <p>N. 0°14' E., on the N. and S. center line of the SW 1/4 of sec. 18.</p>
1.443	Intersect the 1983 center line of University Drive. Not monumented.
2.36	Intersect the present center line of University Drive.
18.99	Point of intersection with the N. R.O.W of abandoned Usery Road, hereinafter described.
20.00	Point for the SW 1/16 sec. cor. of sec. 18, at intersection with the E. and W. center line of the SW 1/4 of sec. 18. Not monumented.
40.00	The center W. 1/16 sec. cor. of sec. 18.
	<p>From the center S. 1/16 sec. cor. of sec. 18.</p> <p>N. 89°59' W., on the E. and W. center line of the SW 1/4 of sec. 18.</p>

## BOOK 5479

Subdivision of Section 18

T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS 18.71	Point of intersection with the N. R.O.W. of abandoned Usery Pass Road, hereinafter described.
19.98	The point for the SW 1/16 sec. cor. of sec. 18.
38.88	The point for the S. 1/16 sec. cor. of sec. 18 only, on the W. bdy. of the Tp.
Metes-and-Bounds Survey in the SW 1/4 of Section 18 T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona	
0.427	From the point for AP 3, Lot 6. N. 0°14' E., on the extension of line 2-3, Lot 6. Intersect the realigned center line of University Drive. Point of intersection. Not monumented. From this point, AP 13 bears S. 89°59' E., 0.01 chs. dist.
Metes-and-Bounds Survey of the Center Line of University Drive, T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona	
7.57	From the cor. of secs. 13 and 24 only, identical with AP 5, Lot 6, on the W. bdy. of the Tp., hereinbefore described. S. 89°59' E., on the center line of University Drive. Intersect the line bet. Lots 6 and 7; hereinbefore described.
7.58	AP 13, a point of curvature, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, flush with the surface of pavement, mkd. MARICOPA CO HIGHWAY DEPT. Not remonumented. Thence along a 0°29'54" circular curve to the right, having a radius of 11497.69 ft., a dist. of 11.440 chs. along the arc on the line bet. AP 10 and AP 11, on the center line of University Drive, the chord of said arc bears S. 88°07' E., 11.438 chs. dist.
11.440	Intersect the N. and S. center line of the SW 1/4 of sec. 18. Not monumented.

## BOOK 5479

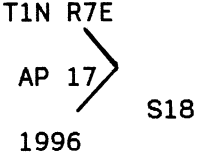
Metes-and-Bounds Survey of the Center Line of University Drive,  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

<p>CHAINS</p> <p>12.314</p> <p>12.136</p>	<p>Thence along the same 0°29'54" circular curve to the right, having a radius of 11497.69 ft., a dist. of 0.873 chs. continuing along the arc on the line bet. AP 13 and AP 14, on the center line of University Drive, the chord of said arc bears S. 86°06' E., 0.873 chs. dist.</p> <p>AP 14, a point of tangency, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, flush with the surface of pavement, mkd. MARICOPA CO HIGHWAY DEPT. Not remonumented.</p> <hr/> <p>S. 85°56' E., along the center line of University Drive.</p> <p>Intersect the 1983 center line of University Drive.</p> <p>Set an steel alloy nail, 1/4 x 1 1/2 ins., flush with pavement.</p> <p>From this cor. point, AP 9, hereinbefore described, bears S. 89°59' E., 10.015 chs. dist.</p> <p>From this same cor. point, a point of curvature, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, flush with the surface of pavement, mkd. MARICOPA CO HIGHWAY DEPT., bears S. 85°56' E., 14.168 chs. dist. Not remonumented.</p>
<p>Metes-and-Bounds Survey of the N. R.O.W. of Usery Pass Road T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona</p>	
<p style="text-align: center;">MEMORANDUM</p> <p>Usery Road has been abandoned. An 8 ft. chain link fence between Salt River Project to the south and City of Mesa property to the north appears to be the best available evidence of the original alignment of the north right-of-way. Road and right-of-way data developed from historical documents and plats provided by Salt River Project and City of Mesa confirm that the following alignment matches record well within reason.</p> <hr/> <p>From AP 15, on the line bet. secs. 13 and 18, on the W. bdy. of the Tp., in the center line of Power Road, at intersection with the N. R.O.W. of abandoned Usery Pass Road.</p> <p>Set a railroad spike 2 ins. below the surface of pavement.</p> <p style="padding-left: 40px;">from which</p> <p style="padding-left: 80px;">An XBO, chiseled on the top back of curb, on the W. side of Power Road, bears S. 54°12' E., 89.5 lks. dist.</p>	

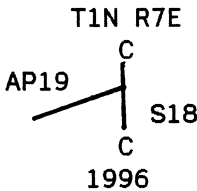


## BOOK 5479

Metes-and-Bounds Survey of the N. R.O.W. of Usery Pass Road  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>An XBO, chiseled on the top back of curb, on the E. side of Power Road, bears S. 47°14' W., 100.5 lks. dist.</p> <hr/>
0.682	<p>S. 89°24' E., on the N. R.O.W. of abandoned Usery Pass Road, bet. AP 15 and AP 16.</p> <p>Point for AP 16.</p> <p>Set a railroad spike 2 ins. below the surface of pavement.</p> <p>Cor. is located 4.5 lks. W. of the back of curb on the east side of Power road, in the easterly north-bound lane.</p> <hr/>
6.494	<p>Thence along a 4°54'48" circular curve to the left, having a radius of 1166.12 ft., a dist. of 428.57 feet along the arc on the line bet. AP 16 and AP 17, on the N. R.O.W. line of abandoned Usery Road, the chord of said arc bears N. 77°18' E., 6.457 chs. dist.</p> <p>Begin a chain link fence, 8 ft. high, fence line extends northeasterly along the arc of said curve.</p> <p>Thence along a 4°54'48" circular curve to the left, having a radius of 1166.12 ft., a dist. of 323.56 feet continuing along the arc on the line bet. AP 16 and AP 17, along a chain link fence, on the N. R.O.W. line of abandoned Usery Road, the chord of said arc bears N. 58°50' E., 4.887 chs. dist.</p>
11.396	<p>Point for AP 17.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T1N R7E</p>  <p>AP 17</p> <p>1996</p> <p>S18</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Cor is located 2 lks. SE of a cor. of fences, chain link, 8 ft. high, with fences extending NW and curving SW.</p> <hr/>
	<p>N. 38°22' W., along a chain link fence, expanding the N. R.O.W. line of abandoned Usery Pass Road from 40 feet to 66 feet from center line, on the line bet. AP 17 and AP 18.</p>

Metes-and-Bounds Survey of the N. R.O.W. of Usery Pass Road  
T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
0.394	<p>Point for AP 18, occupied by a galvanized steel fence post, firmly set, in concrete, projecting 8 ft. above ground, from which</p> <p style="padding-left: 40px;">An XBO, chiseled on the top NW face of a concrete light pole base, 2 ft. diam., 3 ft. high, bears S. 84°55' E., 3.5 lks. dist.</p> <p>Not monumented.</p> <p>Cor. is located at a cor. of fences, chain link, with fences extending NE and SE.</p>
10.332	<p>N. 51°40' E., on the N. R.O.W. of abandoned Usery Pass Road, along a chain link fence, on the line bet. AP 18 and AP 19.</p> <p>Intersect the N. and S. center line of the SW 1/4 of sec. 18.</p> <p>Point of intersection. Not monumented.</p> <p>From this point, the SW 1/16 sec. cor. of sec. 18, hereinbefore described, bears N. 0°14' E., 1.01 chs. dist.</p>
11.958	<p>Intersect the E. and W. center line of the SW 1/4 of sec. 18.</p> <p>Point of intersection. Not monumented.</p> <p>From this point, the SW 1/16 sec. cor. of sec. 18, hereinbefore described, bears N. 89°59' W., 1.27 chs. dist.</p>
35.85	<p>A cor. of chain link fences, 8 ft. high, with fences extending N., S., and SW.</p>
35.89	<p>Point for AP 19, at intersection with the N. and S. center line of sec. 18.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  </div>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>

BOOK 5479

T. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona

<p>CHAINS</p>	<p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The land encompassed in this survey is located in the City of Mesa, Arizona. Section 18 is bounded by Power Road on the west and University Drive on the south.</p> <p>The land around the survey is predominantly used as industrial parks and retail space. The City of Mesa and the Salt River Project both have numerous buildings and improvements in the southwest quarter of section 18. Arizona Game and Fish has offices and outbuildings in the southwest 1/4 of the SE 1/4 of section 18.</p> <p>The mean magnetic declination is 13 1/2° E.</p> <hr/>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Dale C. Wilson	Cadastral Surveyor
William P. Carpender	Cadastral Surveyor
Cheryl A. Baier	Surveying Technician
Robert J. Lyle	Surveying Technician

CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 9th day of January, 1996, I have dependently resurveyed portions of the west boundary and subdivisional lines, the metes-and-bounds survey of the 1983 alignment of University Drive, and a portion of the metes-and-bounds survey of lot 6 of section 18, subdivided section 18, and performed the metes-and-bounds surveys in section 18, of Township 1 North, Range 7 East, 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.

2/07/97  
 (Date)

Stephen K. Hansen  
 (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
 Arizona State Office  
 Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portions of the west boundary and subdivisional lines, the metes-and-bounds survey of the 1983 alignment of University Drive, a portion of the metes-and-bounds survey of lot 6 of section 18, the subdivision of section 18, and the metes-and-bounds surveys in section 18, of Township 1 North, Range 7 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

FEB 02 1997  
 (Date)

Janney L. Talbot  
 (Acting 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. 1 N., R. 7 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Acting Chief Cadastral Surveyor of Arizona)~~