

Form 9600-9  
(December 1979)  
(formerly 9180-6)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE

WEST BOUNDARY

AND

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE METES-AND BOUNDS-SURVEY OF

LOT 6, OF SECTION 18,

TOWNSHIP 1 NORTH, RANGE 7 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

## EXECUTED BY

DENNIS K. MCKAY, CADASTRAL SURVEYOR

Under special instructions dated DECEMBER 8, 19 83, approved DECEMBER 8, 1983

, which provided for the surveys included under ~~LLS~~ Survey/Group  
Number 651, and assignment instructions dated DECEMBER 8, 19 83.

Survey commenced DECEMBER 12, 19 83

Survey completed DECEMBER 13, 19 83

# INDEX DIAGRAM

Township 1 North, Range 7 East,

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Survey of Lot 6, Section 18----page 5-6

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

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines and a metes-and-bounds survey of Lot 6 of section 18, Township 1 North, Range 7 East, Gila and Salt River Meridian, Arizona.

The west boundary was surveyed in 1868 by George P. Ingalls and resurveyed in 1921 by Sidney E. Blout, who, at the same time, surveyed the subdivisional lines of the township. Monuments on the north 3 miles of the west boundary were removed in 1937 by road construction crews, but have since been reestablished by local survey.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated December 8, 1983, for Group No. 651, Arizona.

Preliminary to the resurvey the lines of prior surveys were retraced and all corners recovered in acceptable condition. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of the lines of this survey were determined by altitude observations on the sun and refer to the true meridian. Distances and angles were measured with a Zeiss Elta 46 Total Station instrument.

The center line right-of-way data of University Drive in section 18 is taken from Maricopa County road maps page 12 of book 18, recorded June 28, 1968 by Maricopa County Engineer, Samuel F. Lanford, Registered Civil Engineer No. 2378 in Arizona, for Maricopa County Project No. 61-248 and a letter of partial relinquishment described in Docket No. 16087, page 752, dated June 14, 1982, copies of which are part of Bureau of Land Management case file No. AR-035348.

The geographic position of the Southeast corner of section 18, Township 1 North, Range 7 East, as scaled from the U.S. Geological Survey Quadrangle map "BUCKHORN, ARIZ.," published in 1956, is as follows:

Latitude: 33°25.35' N Longitude: 111°40.00' W

The mean magnetic declination is 14° E.

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Dependent Resurvey of a Portion of the W Bdy. of  
T 1 N, R 7 E, Gila and Salt River Mer., Arizona

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Reestablishment of the Resurvey Executed  
by Sidney E. Blout, in 1921

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Beginning at the cor. of secs. 18 and 19 only, on the W bdy. of the Tp., on the center line of the right-of-way for Power Road, as shown on a plat prepared by Maricopa County Engineer, Samuel F. Lanford, Registered Civil Engineer No. 2378, Arizona, referring to BLM Serial No. AR-035348, Maricopa County Project No. 61-248, monumented with an open end iron pipe, 1 in. diam., set in concrete in a hand hole, 6 ins. below the asphalt, not remonumented. This position was used in the

Dependent Resurvey of a Portion of the W Bdy. of  
T 1 N, R 7 E, Gila and Salt River Mer., Arizona

<p>CHAINS</p> <p>2.728</p>	<p>construction of existing roads, has been used by local surveyors, and is accepted as a careful and faithful reestablishment of the position of the original cor. This point is identical with Angle Point No. 1 of Lot 6, sec. 18 of this survey.</p> <p>Cor is in the center of Power Road, bears N and S. N 0°14' E, on the W bdy. of sec. 18.</p> <p>Along the center line of Power Road.</p> <p>The cor. of secs. 13 and 24 only, T 1 N, R 6 E, at the intersection of the center line of right-of-way for University Drive, as shown on a plat prepared by Maricopa County Engineer, Samuel F. Lanford, Registered Civil Engineer No. 2378, Arizona, referring to BLM Serial No. AR-035348, Maricopa County Project No. 61-248, monumented with a thick walled open end iron pipe, 1 in. diam., set in a hand hole, 10 ins. below the asphalt, not remonumented. This position was used in the construction of existing roads, has been used by local surveyors, and is accepted as a careful and faithful reestablishment of the position of the original cor. This point is identical with Angle Point No. 5, Lot 6, sec. 18 of this survey.</p>	
<p>20.94</p>	<p>Dependent Resurvey, a Portion of the Subdivisional Lines, T 1 N, R 7 E, Gila and Salt River Mer., Arizona</p> <p>Reestablishment of the Survey Executed by Sidney E. Blout, in 1921</p> <p>From the corner of secs. 17, 18, 19 and 20, at the intersection of the right-of-way of center lines of Sossaman Road and University Drive, as shown on a plat prepared by Maricopa County Engineer, Samuel F. Lanford, Registered Civil Engineer No. 2378, Arizona, referring to BLM Serial No. AR-035348, Maricopa County Project No. 61-248, monumented with a brass tablet, 3 ins. diam., set in a hand hole, 6 ins. below the asphalt surface, mkd. MARICOPA COUNTY HIGHWAY DEPT., not remonumented. This position was used in the construction of existing roads, has been used by local surveyors, and is accepted as a careful and faithful perpetuation of the position of the original cor.</p> <p>West, bet. secs. 18 and 19.</p> <p>Along the center line of University Drive right-of-way.</p> <p>Point of curvature on the center line of the right-of-way for University Drive, as shown on a plat prepared by Maricopa County Engineer, Samuel F. Lanford, Registered Civil Engineer No. 2378, Arizona, referring to BLM Serial No. AR-035348, Maricopa County Project No. 61-248, not monumented. Curve data is hereinafter described in the memorandum of these field notes.</p>	

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

CHAINS	
40.00	<p>The 1/4 sec. cor. of secs. 18 and 19, as shown on a plat prepared by Maricopa County Engineer, Samuel F. Lanford, Registered Civil Engineer No. 2378, Arizona, referring to BLM Serial No. AR-035348, Maricopa County Project No. 61-248, monumented with an open end iron pipe, 2 1/2 ins. diam., projecting 4 ins. above ground, surrounding an open end iron pipe, 1 in. diam., not remonumented. This position has been used by local surveyors and is accepted as a careful and faithful perpetuation of the original cor.</p> <p>Cor. is located 144 lks. South of the center line of University Drive right-of-way, bears S. 89°56'30" E. and N. 89°56'30" W.</p> <hr/> <p>N 89°56' W, beginning new measurement.</p> <p>Over level land with sparse creosote.</p>
25.00	<p>Enter parking lot and landscaping.</p>
30.50	<p>Enter undeveloped level land, with sparse creosote.</p>
31.414	<p>Point for Angle Point No. 2, Lot 6, sec. 18, 500 feet in dist. from the cor. of secs. 18 and 19 only, on the W bdy. of the Tp.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 32 ins. in the ground, with cap mkd.</p> <div style="text-align: center;"> <p>T1N R7E AP2   <u>LOT 6   S18</u> S19 1983</p> </div> <p>Drove a steel fence post alongside the cor.</p> <p>Cor. is located 50 lks. S of power line, bears E and W.</p>
38.99	<p>Cor. of secs. 18 and 19 only, on the W bdy. of the Tp., identical with Angle Point No. 1, Lot 6, sec. 18 of this survey.</p>
<p>Metes-and-Bounds Survey of Lot 6, Sec. 18, T 1 N, R 7 E, Gila and Salt River Mer., Arizona</p>	
7.576	<p>From Angle Point No. 1, Lot 6, sec. 18, identical with the cor. of secs. 18 and 19 only, on the W bdy. of the Tp., hereinbefore described.</p> <p>S 89°56' E, on line 1-2, of Lot 6, identical with the line bet. secs. 18 and 19.</p> <p>Angle Point No. 2 of Lot 6, sec. 18, hereinbefore described.</p> <hr/> <p>N 0°14' E, on line 2-3 of Lot 6, sec. 18, parallel to the W bdy. of the Tp.</p>

Metes-and-Bounds Survey of Lot 6, Sec. 18,  
T 1 N, R 7 R, Gila and Salt River Mer., Arizona

## CHAINS

- 1.435 Point selected for a witness point on line 2-3 of Lot 6, sec. 18.
- Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.
- W P  
T1N | R7E  
LOT 6 | S18  
1983
- Drove a steel fence post alongside the cor.
- 2.302 Point for Angle Point No. 3, Lot 6, sec. 18, at intersection with the center line curve of the right-of-way for University Drive, not monumented.
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- Thence on line 3-4 of Lot 6, sec. 18, identical with the center line of the right-of-way for University Drive, along a 2°00'00" circular curve to the left, having a radius of 2864.79 ft., the chord of said arc bearing N 85°55' W, 6.080 chs. dist.
- 6.085 Point for Angle Point No. 4 of Lot 6, sec. 18, at the point of tangency, not monumented.
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- N 89°56' W, on line 4-5 of Lot 6, sec. 18, identical with the center line of the right-of-way for University Drive.
- 1.510 Angle Point No. 5, lot 6, sec. 18, identical with the cor. of secs. 13 and 24 only, T 1 N, R 6 E, hereinbefore described.
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- S 0°14' W, on line 5-1 of Lot 6, sec. 18, identical with the W bdy. of sec. 18.
- 2.728 Angle Point No. 1, Lot 6, sec. 18, identical with the cor. of secs. 18 and 19 only of this Tp., and the point of beginning, hereinbefore described.

## MEMORANDUM

The right-of-way for University Drive, referred to as a strip of land 110.0 feet in width, lying fifty-five (55) feet on each side measured at right angles, adjacent to and parallel with the following described center line as compiled from Maricopa County road maps page 12 of book 18, recorded June 28, 1968, and Docket No. 16087, page 752, recorded June 14, 1982, copies of which are a part of Bureau of Land Management case file No. AR-035348, with bearings adjusted to agree with the findings of this survey, and with required additional information to identify the center line is as follows:

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

## CHAINS

Beginning at the corner of sections 13 and 24, Township 1 North, Range 6 East, on the west boundary of section 18, Township 1 North, Range 7 East, Gila and Salt River Meridian, Arizona; thence South  $89^{\circ}56'$  East 99.66 feet parallel with the South line of said Section 18 to the point of curve, concave Southwesterly, having a radius of 2864.79 feet, a tangent of 202.47 feet and an interior angle of  $8^{\circ}05'07''$ ; thence along the arc of said curve 404.26 feet to the point of tangency; thence South  $81^{\circ}50'53''$  East 200.00 feet to the point of curve of a curve concave Northeasterly, having a radius of 2864.79 feet, tangent of 202.47 feet and an interior angle of  $8^{\circ}05'07''$ ; thence along the arc of said curve 404.26 feet to the point of tangency; thence South  $89^{\circ}56'30''$  East, parallel with the South line of Section 18, for a distance of 1667.29 feet to the point of curve of a  $2^{\circ}00'$  curve concave Southwesterly having an interior angle of  $8^{\circ}38'13''$ , and a tangent of 216.33 feet; thence along the arc of said curve 431.85 feet to the point of tangency thereof; thence South  $81^{\circ}21'47''$  East 200.00 feet to the point of curve of a  $2^{\circ}00'$  curve, concave Northeasterly, having an interior angle of  $8^{\circ}38'13''$  and a tangent of 216.33 feet; thence along the arc of said curve 431.85 feet to the point of tangency thereof, said point being on the South line of Section 18; thence East 1382.06 feet along the line between said Sections 18 and 19 to the Southeast corner of said Section 18 (which is also the Northeast corner of Section 19).

## GENERAL DESCRIPTION

The area surveyed lies just west of Apache Junction, Arizona. Lot 6 of Section 18 is level and undeveloped, with sparse creosote.



