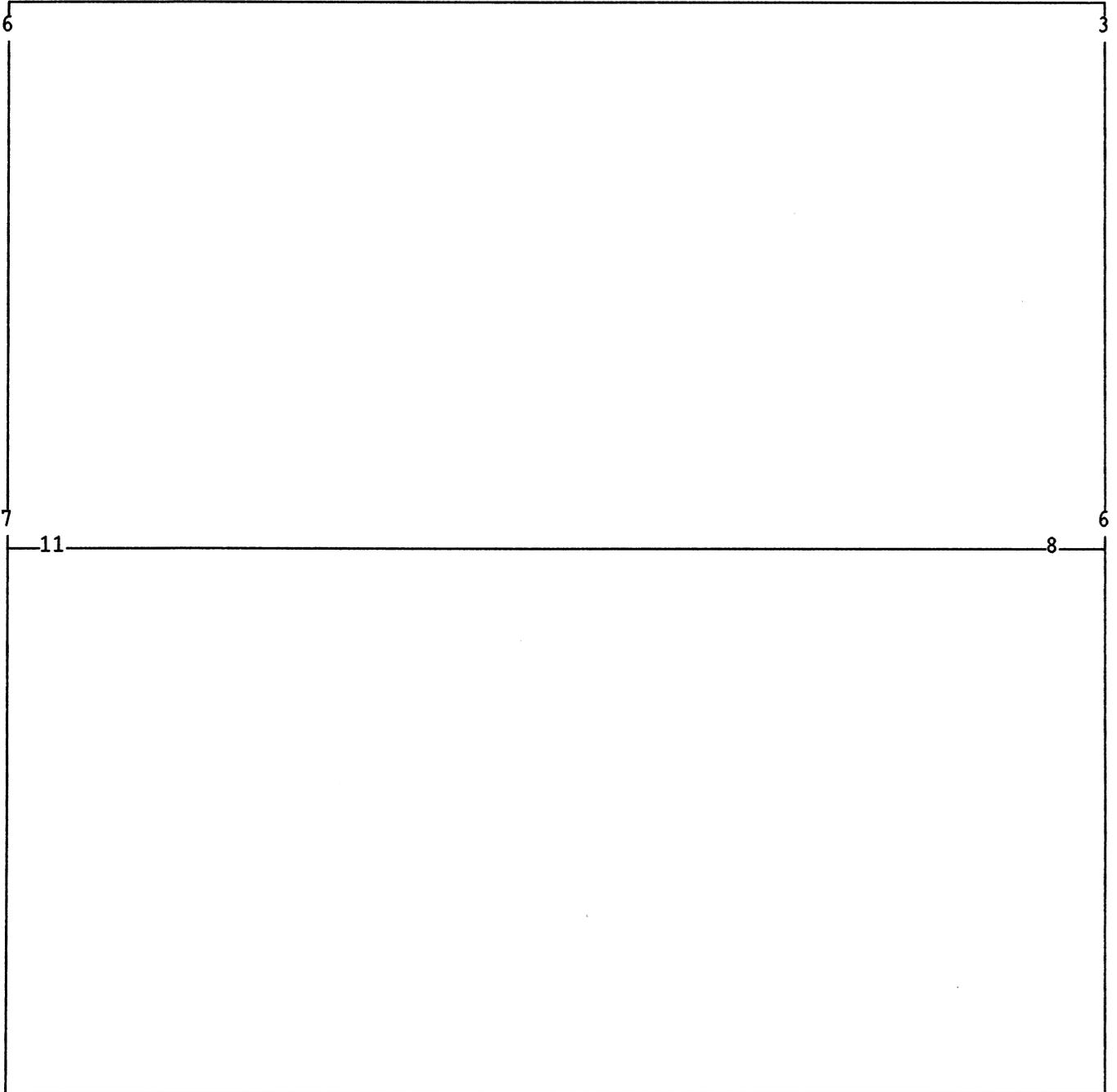




INDEX DIAGRAM

TOWNSHIP 30 NORTH, RANGE 5 EAST, SECTION 9,



T 30 N, R 5 E, Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the survey of a portion of the subdivisional lines and survey of subdivisions in section 9, Township 30 North, Range 5 East, Gila and Salt River Meridian, Arizona.

The north boundary of section 9 was surveyed by Benjamin J. Kinsey, in 1927.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 26, 1988, for Group No. 707, Arizona.

The directions of all lines were determined by hour angle observations on the sun and refer to the true meridian. Distances and angles were measured with a Zeiss Elta 46 electronic instrument.

The geographic position of the 1/4 section corner of sections 9 and 10, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "NAVAJO POINT", located in unsurveyed Township 31 North, Range 5 East, is as follows:

NAD 27: Latitude: 35°59'57.91" N Longitude: 111°51'01.97" W

The mean magnetic declination as taken from quadrangle map "VISHNU TEMPLE, ARIZ.", published in 1962 by U.S. Geological Survey is 15° E.

---

Survey of a Portion of the Subdivisional Lines,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

---

Beginning at the cor. of secs. 3, 4, 9, and 10, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

T30N R5E	
S4	S3
S9	S10
1927	

Survey of a Portion of the Subdivisional Lines,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

<p>CHAINS</p>	<p>from which the original bearing trees</p> <p>A Utah juniper snag, 7 ins. diam., bears N 67 3/4° E, 5 lks. dist., mkd. T30N R5E S3 BT. (Record: N 60° E)</p> <p>A pinyon, 11 ins. diam., bears S 71 3/4° E, 27 lks. dist., mkd. T30N R5E S10 BT. (Record: S 56 1/2° E, 26 lks. dist.)</p> <p>A pinyon, 8 ins. diam., bears S 26 1/2° W, 19 lks. dist., mkd. T30N R5E S9 BT. (Record: 17 lks. dist.)</p> <p>A Utah juniper, 6 ins. diam., bears N 49 1/2° W, 39 lks. dist., mkd. T30N R5E S4 BT. (Record: 38 lks. dist.)</p> <p>Cor. is located in a fence, bears E and W.</p> <p>From this cor., U.S. Coast and Geodetic Survey triangulation station "NAVAJO POINT", bears N 26°34.4' E, (forward bearing), 210.48 chs. dist., monumented with a bronze disk, 3 ins. diam., set flush in a concrete block, 8 ins. square, projecting 10 ins. above ground, top is mkd. NAVAJO POINT 1938 with a triangle in the center. Both reference monuments were found to be in good condition.</p> <p>S 0°02' E, bet. secs. 9 and 10.</p> <p>Over rolling land, through dense pinyon and Utah juniper.</p> <p>6.97 Point for a witness point on line bet. secs. 9 and 10.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 9 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">W P T30N R5E S9 S10 1988</p> <p>from which</p> <p>A pinyon, 8 ins. diam., bears S 21 3/4° W, 53.5 lks. dist., mkd. WP S9 BT.</p> <p>A Utah juniper, 11 ins. diam., bears N 20 1/2° W, 12.5 lks. dist., mkd. WP S9 BT.</p>
---------------	--

Survey of a Portion of the Subdivisional Lines,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>17.65 Point for a witness point on line bet. secs. 9 and 10.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">W P T30N R5E S9 S10 1988</p> <p>from which</p> <p style="padding-left: 40px;">A pinyon, 5 ins. diam., bears S 55 3/4° W, 36.5 lks. dist., mkd. X at breast height and BT at the base.</p> <p style="padding-left: 40px;">A pinyon, 9 ins. diam., bears N 65 1/2° W, 43 lks. dist., mkd. WP S9 BT.</p> <p>Set a steel fence post near the cor.</p>
32.35	<p>Point for a witness point on line bet. secs. 9 and 10.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">W P T30N R5E S9 S10 1988</p> <p>from which</p> <p style="padding-left: 40px;">A Utah juniper, 4 ins. diam., bears S 19 1/2° W, 30 lks. dist., mkd. X at breast height and BT at the base.</p> <p style="padding-left: 40px;">A pinyon, 8 ins. diam., bears N 85 1/4° W, 48.5 lks. dist., mkd. WP S9 BT.</p> <p>Set a steel fence post near the cor.</p>

Survey of a Portion of the Subdivisional Lines,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

<p>CHAINS</p> <p>40.00</p>	<p>Point for the 1/4 sec. cor. of secs. 9 and 10, falls on the W face of a pinyon, 8 ins. diam.; mkd. the tree 1/4 S9 on W face, S10 on E face, and a cross at the true point.</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum post, 36 ins. long, 3/4 in. diam., set 15 ins. in the ground to bedrock, and in a mound of stone, 2 1/2 ft. base, to top, for a reference monument, bears N 50°14' E, 27.8 ft. dist., with cap mkd. T30N R5E S10 RM 27.8 FT. TO COR. 1988 and an arrow pointing to the cor.</p> <p style="padding-left: 40px;">An aluminum post, 36 ins. long, 3/4 in. diam., set 33 ins. in the ground, for a reference monument, bears N 51°16' W, 15.6 ft. dist., with cap mkd. T30N R5E S9 RM 15.6 FT. TO COR. 1988 and an arrow pointing to the cor.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W of cor.</p> <p>Land, mountainous and rolling. Soil, rocky, sandy loam. Timber, dense pinyon, Utah juniper, and scattered ponderosa pine. Undergrowth, sagebrush, cliff rose, and scattered cacti.</p> <hr/> <p>From the cor. of secs. 4, 5, 8, and 9, monumented with an iron post, 2 ins. diam., firmly set, projecting 24 ins. above ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td colspan="2" style="padding: 0 10px;">T30N R5E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S5</td> <td style="padding: 0 5px;">S4</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; padding: 0 10px;">S8 S9</td> </tr> <tr> <td colspan="2" style="padding: 0 10px;">1927</td> </tr> </table> </div> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A pinyon, 10 ins. diam., bears N 83 3/4° E, 46 lks. dist., mkd. BT.</p> <p style="padding-left: 40px;">A Utah juniper, 16 ins. diam., bears S 11 1/2° E, 127 lks. dist., mkd. T30N R5E S9 BT. (Record: S 3 1/2° E, 128 lks. dist.)</p> <p style="padding-left: 40px;">A Utah juniper, 25 ins. diam., bears S 33° W, 86 lks. dist., mkd. T30N R5E S8 BT.</p> <p style="padding-left: 40px;">A double trunk Utah juniper, 16 ins. diam., bears N 33° W, 94.5 lks. dist., mkd. T30N R5E S5 BT on a limb. (Record: 93 lks. dist.)</p>	T30N R5E		S5	S4	S8 S9		1927	
T30N R5E									
S5	S4								
S8 S9									
1927									

Survey of a Portion of the Subdivisional Lines,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Cor. is located in a fence, bears E and W; 20 lks. E of a power line, bears N 35° E and S 35° W; and 30 lks. E of a trail road, bears N 35° E and S 35° W.</p>
	<p>S 0°03' E, bet. secs. 8 and 9.</p>
	<p>Over rolling land, through dense pinyon, Utah juniper, and scattered ponderosa pine.</p>
4.55	<p>From this point on line, a local cor., bears East, 0.008 chs. dist., monumented with an aluminum tablet, 3 ins. diam., set flush in concrete, 8 ins. square, projecting 8 ins. above ground, in a mound of stone, 1 1/2 ft. base, 1 ft. high, with cap mkd. U S DEPT OF INTERIOR NATL PARK SERVICE LS 7909 B 1 1975. A steel fence post is near the cor. This monument was established without proper Federal authority and is not used in the course of this survey.</p>
18.565	<p>From this point on line, a local cor., bears East, 0.027 chs. dist., monumented with an aluminum tablet, 3 ins. diam., set flush in concrete, 8 ins. square, projecting 8 ins. above ground, in a mound of stone, 1 1/2 ft. base, 1 ft. high, with cap mkd. U S DEPT OF INTERIOR NATL PARK SERVICE LS 7909 B 2 1975. A steel fence post is near the cor. This monument was established without proper Federal authority and is not used in the course of this survey.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 8 and 9.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T30N R5E 1/4 S8 S9 1988</p>
	<p>from which</p>
	<p>A Utah juniper, 12 ins. diam., bears N 77 3/4° E, 40 lks. dist., mkd. 1/4 S9 BT.</p>
	<p>A pinyon, 8 ins. diam., bears N 55 3/4° W, 35 lks. dist., mkd. 1/4 S8 BT.</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p>
	<p>Raise a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, W of cor.</p>

Survey of a Portion of the Subdivisional Lines,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

CHAINS

Set a steel fence post near the cor.

Cor. is located 3 lks. S of a fence, bears W only.

From this point, a local cor., bears S 87°57' E, 0.056 chs. dist., monumented with an aluminum tablet, 3 ins. diam., set flush in concrete, 8 ins. square, projecting 8 ins. above ground, in a mound of stone, 1 1/2 ft. base, 1 ft. high, with cap mkd. U S DEPT OF INTERIOR NATL PARK SERVICE LS 7909 B|33 S8 1/4 S9 1975. A steel fence post is near the cor. This monument was established without proper Federal authority and is not used in the course of this survey. This cor. is located 4 lks. SE of end of fence, bears W.

Land, mountainous and rolling.

Soil, rocky, sandy loam.

Timber, dense pinyon, Utah juniper, and scattered ponderosa pine. Undergrowth, sagebrush, cliff rose, and scattered cacti.

---

Subdivision of Sec. 9,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

---

From the 1/4 sec. cor. of secs. 9 and 10.

S 89°59' W, on the E and W center line of sec. 9.

Over rolling, mountainous land, through moderate pinyon and juniper.

22.76 Point for a witness point on the E and W center line of sec. 9.

Set an aluminum post, 36 ins. long, 3/4 in. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with cap mkd.

W P  
T30N R5E  
S9 C ————— C  
1988

from which

A pinyon, 8 ins. diam., bears N 26 1/2° E,  
36.5 lks. dist., mkd. X at breast height and BT at the base.

A Utah juniper, 10 ins. diam., bears N 68 1/4° W,  
34 lks. dist., mkd. WP S9 BT.

Subdivision of Section 9,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post near the cor.
33.80	Point for a witness point on the E and W center line of sec. 9.
	Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.
	<p style="text-align: center;">W P T30N R5E S9 C ————— C 1988</p>
	from which
	A Utah juniper, 11 ins. diam., bears N 70 3/4° E,
	53.5 lks. dist., mkd. X at breast height and BT at the base.
	A Utah juniper, 12 ins. diam., bears N 24 3/4° W,
	33.5 lks. dist., mkd. WP S9 BT.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N of cor.
	Set a steel fence post near the cor.
46.85	Point for a witness point on the E and W center line of sec. 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	<p style="text-align: center;">W P T30N R5E S9 C ————— C 1988</p>
	from which
	A Utah juniper, 10 ins. diam., bears N 2 1/2° E,
	55.5 lks. dist., mkd. WP S9 BT.
	A Utah juniper, 7 ins. diam., bears N 71 1/4° W,
	63 lks. dist., mkd. X at breast height and BT at the base.
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.

Subdivision of Section 9,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

CHAINS	
59.51	<p>Set a steel fence post near the cor.</p> <p>Point for a witness point on the E and W center line of sec. 9.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.</p>
	<p style="text-align: center;">W P T30N R5E S9 C ————— C 1988</p>
	<p>from which</p> <p style="padding-left: 40px;">A pinyon, 9 ins. diam., bears N 36 1/4° E, 56 lks. dist., mkd. WP S9 BT.</p> <p style="padding-left: 40px;">A pinyon, 7 ins. diam., bears N 45° W, 41 lks. dist., mkd. X at breast height and BT at the base.</p>
73.73	<p>Set a steel fence post near the cor.</p> <p>Point for a witness point on the E and W center line of sec. 9.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, in a mound of stone, 1 1/2 ft. base, to top, with cap mkd.</p>
	<p style="text-align: center;">W P T30N R5E S9 C ————— C 1988</p>
	<p>from which</p> <p style="padding-left: 40px;">A Utah juniper, 9 ins. diam., bears N 52 3/4° E, 37.5 lks. dist., mkd. WP S9 BT.</p> <p style="padding-left: 40px;">A pinyon, 6 ins. diam., bears N 41 1/2° W, 29 lks. dist., mkd. X at breast height and BT at the base.</p> <p>Set a steel fence post near the cor.</p>

Subdivision of Section 9,  
T 30 N, R 5 E, Gila and Salt River Meridian, Arizona

CHAINS	
76.99	<p>Point for a witness point on the E and W center line of sec. 9.</p> <p>Set an aluminum post, 30 ins. long, 3/4 in. diam., 25 ins. in the ground to bedrock, with cap mkd.</p> <p style="text-align: center;">W P T30N R5E S9 C ————— C 1988</p> <p>from which</p> <p style="padding-left: 40px;">A Utah juniper, 12 ins. diam., bears N 26° E, 35.5 lks. dist., mkd. WP S9 BT.</p> <p style="padding-left: 40px;">A pinyon, 10 ins. diam., bears N 82 3/4° W, 35 lks. dist., mkd. X at breast height and BT at the base.</p> <p>Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N of cor.</p> <p>Set a steel fence post near the cor.</p>
80.055	<p>The 1/4 sec. cor. of secs. 8 and 9.</p> <hr/> <p style="text-align: center;"><b>GENERAL DESCRIPTION</b></p> <p>The land encompassed in this survey is located along the south boundary of the Grand Canyon National Park, approximately 1 mile S of the Tusayan Ruins and museum. Elevations range from about 7,000 ft. to about 7,100 ft. above sea level.</p> <p>The land is rolling to mountainous, covered with dense pinyon, Utah juniper, scattered ponderosa pine, cliff rose, sagebrush and scattered cacti. The soil is sandy loam.</p> <p>Access is by way of Arizona State Highway 64 and a Park Service road.</p> <p>There is no evidence of minerals or mining activity.</p> <p>The mean magnetic declination as taken from quadrangle map "VISHNU TEMPLE, ARIZ.", published in 1962 by U.S. Geological Survey is 15° E.</p> <hr/>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A. Baier	Surveying Technician
Donald B. McClure	Surveying Technician
Robert D. Begley	Student Trainee (Land Surveyor)
Wilmer F. Beyl Jr.	Surveying Aid

CERTIFICATE OF SURVEY

I, Paul L. Reeves, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 26th day of April, 1988, I have surveyed a portion of the subdivisional lines, and surveyed subdivisions in section 9, of Township 30 North, Range 5 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.

SEP 08 1988

(Date)

*Paul L. Reeves*

(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the survey of a portion of the subdivisional lines, and the survey of subdivisions in section 9, of Township 30 North, Range 5 East, Gila and Salt River Meridian, Arizona, executed by Paul L. Reeves, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

OCT 03 1988

(Date)

*James P. Kelley*

(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 30 N, R 5 E, Gila and Salt River Meridian, Arizona is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~