

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF
EAST BOUNDARY, A PORTION OF THE SUBDIVISIONAL LINES,
HOMESTEAD ENTRY SURVEY NO. 401
AND TRACTS 37 AND 38,
AND METES-AND-BOUNDS SURVEYS IN SECTION 24,

TOWNSHIP 30 NORTH, RANGE 2 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Joe R. Salazar, Cadastral Surveyor

Under Special Instructions dated September 4, 2001, approved September 4, 2001, which provided for the surveys included under Group No. 875, and assignment instructions dated September 4, 2001.

Survey commenced September 11, 2001

Survey completed October 4, 2004

INDEX DIAGRAM

TOWNSHIP 30 NORTH RANGE 2 EAST

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T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines, Homestead Entry Survey No. 401 and Tracts 37 and 38, and metes-and-bounds surveys in section 24, Township 30 North, Range 2 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows:

James B. Pope surveyed the east boundary in 1900. Francis B. Jacobs surveyed the north, south, west boundaries and the subdivisional lines in 1900. L. C. Way surveyed Homestead Entry Survey No. 401 in 1915. Tracts 37 and 38 were created by supplemental plat accepted June 22, 1964. Wallace R. Ott remonumented a portion of the east boundary and a portion of the subdivisional corners in 1964.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated September 4, 2001, for Group No. 875, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 model receivers.

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

Geodetic control was derived from first order National Geodetic Survey triangulation station MIDDLE RESET 1972, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., is as follows:

Latitude: 35° 57' 46.27" N. Longitude: 112° 07' 08.33" W.

The mean magnetic declination is 12½° E.

**Dependent Resurvey of a Portion of the East Boundary,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS

40.12

N. 0°04' E., beginning new measurement.

The cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 2½ ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd. T30N R2E R3E S13 S18 S24 S19 1964.

from which the original bearing trees

A pine, 38 ins. diam., bears N. 55½° E., 130 lks. dist., with a healed blaze.

A pine, 48 ins. diam., bears S. 56° E., 126 lks. dist., with scribe marks T30N R3E S19 BT visible on partially open blaze.

A pine, 30 ins. diam., bears S. 65° W., 55 lks. dist., with a healed blaze.

A pine, 26 ins. diam., bears N. 59° W., 131 lks. dist., with a healed blaze.

Add the marks 2001 to the brass cap.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Francis B. Jacobs, in 1900

From the 1/4 sec. cor. of secs 25 and 26, perpetuated by F. Dwan Utley, Arizona Registered Land Surveyor, No. 11369, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 18 ins. above ground in a mound of stone, 2½ ft. base, to top, with aluminum cap inscribed KAIBAB NATIONAL FOREST and mkd. 1/4 S26 S25 LS 11369. This is accepted as a careful and faithful perpetuation of the original cor. position.

from which the original bearing trees

An oak, 18 ins. diam., bears S. 82¾° E., 131 lks. dist., with a healed blaze.

A pine, 26 ins. diam., bears N. 68° W., 31 lks. dist., with a healed blaze.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
4.70	<p>N. 0°14' E., bet. secs. 25 and 26.</p> <p>Over rolling land, through moderate timber and underbrush.</p> <p>Leave rolling land, thence over nearly level land, along airport grounds.</p>
39.97	<p>Point for the cor. of secs. 23, 24, 25 and 26, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Cor. falls in airport, between the runway and taxiway, impracticable to monument.</p>
40.10	<hr/> <p>From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of Tp., hereinbefore described.</p> <p>S. 89°49' W., bet. secs. 24 and 25.</p> <p>Over rolling land, through moderate timber and underbrush.</p> <p>The 1/4 sec. cor. of secs. 24 and 25, monumented with an iron post, 2½ ins. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd. T30N R2E 1/4 S24 S25 1964, witnessed with a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>from which the remaining original bearing tree</p> <p style="padding-left: 40px;">A pine, 36 ins. diam., bears South, 58 lks. dist., with a healed blaze.</p> <p>and the 1964 bearing tree</p> <p style="padding-left: 40px;">A pine, dead and down, 14 ins. diam., bears N. 66½° E., 64 lks. dist., with a healed blaze.</p> <p>Add the marks 2001 to the brass cap.</p> <p>From this cor. point, an Airport Control Station, GCN E, established by J. E. Chance, in 1996, monumented with a steel rod, 1 in. diam., incased in a 6 in. diam. PVC pipe, with a metal cover, bears N. 73°23' W., 26.80 chs. dist.</p> <hr/> <p>S. 89°48' W., beginning new measurement.</p>
14.78	<p>Center line of State Highway 64, paved, 45 ft. wide, bears N. and S.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
17.90	<p>Point for AP 3, sec. 24, at intersection with the E. line of the Grand Canyon National Park Airport. Not monumented.</p> <p>Thence, over nearly level land, along airport grounds.</p>
40.03	<p>The point for the cor. of secs. 23, 24, 25 and 26.</p> <hr/> <p>N. 0°08' W., bet. secs. 23 and 24.</p> <p>Over nearly level land, along airport grounds.</p>
20.73	<p>Point for AP 4, sec. 24, at intersection with the W. line of the Grand Canyon National Park Airport. Not monumented.</p> <p>Thence over rolling land, through moderate timber and underbrush.</p>
39.97	<p>The 1/4 sec. cor. of secs. 23 and 24,, monumented with an iron post, 2½ ins. diam., firmly set, projecting 20 ins. above ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd. T30N R2E 1/4 S23 S24 1964.</p> <p>from which the remaining original bearing tree</p> <p style="padding-left: 40px;">A pine, 22 ins. diam., bears S. 84½° E., 121 lks. dist., with a healed blaze.</p> <p>and the 1964 bearing tree</p> <p style="padding-left: 40px;">A pine, 18 ins. diam., bears N. 18° W., 125 lks. dist., with a healed blaze. (Record, N. 23½° W., 47 lks. dist.)</p> <p>Add the marks 2001 to the brass cap.</p> <hr/> <p>N. 0°07' W., beginning new measurement.</p>
19.36	<p>Intersect line 9-10, H.E.S. No. 401.</p>
19.46	<p>Fence, bears SE and NW.</p>
28.19	<p>Intersect line 1-2, H.E.S. No. 401.</p>
39.87	<p>The cor. of secs. 13, 14, 23 and 24, monumented with an iron post, 2½ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T30N R2E S14 S13 S23 S24 1964, witnessed with a mound of stone, 2 ft. base, 1 ft. high, N. of cor.</p> <p>from which the remaining original bearing trees</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A pine, 30 ins. diam., bears S. 72$\frac{3}{4}$° W., 69 lks. dist., with a healed blaze.</p> <p>A pine, 42 ins. diam., bears N. 17° W., 97 lks. dist., with a healed blaze.</p> <p>and the 1964 bearing trees</p> <p>A pine, 13 ins. diam., bears N. 82° E., 121 lks. dist., with a healed blaze.</p> <p>A pine, 16 ins. diam., bears S. 44° E., 130 lks. dist., with a healed blaze.</p> <hr/> <p>From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of Tp., hereinbefore described.</p> <p>S. 89°32' W., bet. secs. 13 and 24.</p> <p>Over rolling land, through moderate timber and underbrush.</p>
13.22	<p>Cor. No. 5 and closing cor. of H.E.S. No. 401, perpetuated by Charles C. Doak, U. S. Forest Service, in 1965, and recorded in the Coconino County Recorders office in Flagstaff, Az., Case 2, Page 97, monumented with a sandstone, 7 X 10 X 24 ins., firmly set, 22 ins. in the ground, with no visible marks, with an iron pipe, 2$\frac{1}{2}$ ins. diam. alongside, with screw on cap mkd. USDA-FS S24 T30N R2E 5 HES 401 LS 4476 1965.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T30N R2E S13</p> <hr style="width: 10%; margin: 0 auto;"/> <p>COR 5 / S24 HES 401 / 2001</p> </div> <p>Deposit a magnet in a white plastic case at the base and bury the sandstone and iron pipe alongside the stainless steel post.</p> <p>from which the original bearing trees</p> <p>A pine, 18 ins. diam., bears S. 74° W., 21 lks. dist., with a healed blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A pine, 30 ins. diam., bears S. 40° W., 21 lks. dist., with scribe marks 401 BT visible on partially open blaze.</p> <p>and a bearing tree mkd. by Doak</p>
	<p>A pine, 30 ins. diam., bears N. 70° E., 71 lks. dist., with scribe marks BT visible on partially healed blaze.</p>
20.13	<p>Cor. No. 4 and closing cor. of H.E.S. No. 401, established on the extension of line 3-4, H.E.S. No. 401, by F. Dwan Utley, Registered Land Surveyor, No. 11369, in 1990, and recorded in the Coconino County Recorder office in Flagstaff, Az., DKT 2154, Page 878, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 7 ins. above ground, with aluminum cap inscribed KAIBAB NATIONAL FOREST CADASTRAL SURVEY and mkd. S13 T30N R2E S24 CC 4 HES 401 1990 LS 11369. This position is accepted as a careful and faithful establishment of the cor. position.</p> <p>From which a bearing tree mkd. by Charles C. Doak, U. S. Forest Service, in 1965</p> <p>A pine, 12 ins. diam., bears N. 25° E., 63 lks. dist., with a healed blaze.</p> <p>and a bearing trees mkd. by Utley</p> <p>A pine, 9 ins. diam., bears N. 58° W., 44 lks. dist., with scribe marks BT visible on partially open blaze.</p> <p>A limestone, 9 X 12 X 24 ins., mkd. 4 HES 401 and an X on top, was found lying loose alongside. This monument was recovered by Utley in its original position, firmly set in concrete.</p> <p>Bury original stone alongside the aluminum post.</p> <p>Cor. is located at base of rock fence, bears E. and SW.</p>
23.83	<p>Right-of-way fence, bears NNE and SSW.</p>
25.50	<p>Center line of State Highway 64, paved, 45 ft. wide, bears NNE and SSW.</p>
27.30	<p>Right-of-way fence, bears NNE and SSW.</p>
40.16	<p>The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 2½ ins. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd. T30N R2E 1/4 S13 S24 1964.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Add the marks 2001 to the brass cap.</p> <hr/> <p>S. 89°31' W., beginning new measurement.</p>
40.20	<p>The cor. of secs. 13, 14, 23 and 24.</p> <hr/> <p>From the point for the cor. of secs. 23, 24, 25 and 26.</p> <p>S. 89°40' W., bet. secs. 23 and 26.</p> <p>Over nearly level land, along airport grounds.</p>
17.80	<p>Leave airport grounds, thence over rolling land, through moderate timber and underbrush.</p>
39.74	<p>The 1/4 sec. cor. of secs. 23 and 26, perpetuated by Dennis J. Mouland, Arizona Registered Land Surveyor, No. 12535, and recorded in the Coconino County Recorder office in Flagstaff, Az. Book 3, Page 86A, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with aluminum cap inscribed U. S. DEPARTMENT OF AGRICULTURE and mkd. T30N R2E 1/4 S23 S26 LS 12535. This position is accepted as a careful and faithful perpetuation of the original cor. position.</p> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A pine stump, 34 ins. diam., bears N. 66¾° E., 110 lks. dist., with no visible blaze.</p> <p style="padding-left: 40px;">A pine stump, 14 ins. diam., bears S. 69½° W., 22 lks. dist., with no visible blaze.</p> <hr/> <p align="center">Dependent Resurvey of a Portion of H. E. S. No. 401, T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p align="center">Restoring the survey executed by L. C. Way, in 1915</p> <hr/> <p>From cor. No. 1, H.E.S. No. 401, perpetuated by Charles C. Doak, U.S. Forest Service, in 1965, from original evidence no longer in existence, monumented with a rebar of unknown origin, 36 ins. long, 1½ ins. diam., firmly set in concrete.</p> <p>from which bearing trees mkd. by Doak</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A pine, 20 ins. diam., bears N. 5° E., 52 lks. dist., with a healed blaze.</p> <p>A pine, 14 ins. diam., bears N. 67° W., 32 lks. dist., with a healed blaze.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, over the existing rebar, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p align="center">T30N R2E</p> <p align="center">HES 401 S23</p> <p align="center">COR 1 2001</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>This cor. was originally identified as a closing cor. on the line bet. Secs. 23 and 24. It was recovered off line and no longer functions as such.</p> <p>S. 58°55' E., on line 1-2, H.E.S. No. 401.</p> <p>Over rolling land, through moderate timber and underbrush., along irregular fence line.</p>
0.05	<p>Intersect the line bet. secs. 23 and 24 at a point from which the cor. of secs. 13, 14, 23 and 24 bears N. 0°07' W., 11.68 chs. dist.</p>
	<p>Not monumented.</p>
22.78	<p>Cor. No. 2, H.E.S. No. 401, perpetuated by Charles C. Doak, U.S. Forest Service, in 1965, and recorded in the Coconino County Recorders office in Flagstaff, Az., Case 2, Page 97, monumented with an iron post, firmly set, projecting 5 ins. above ground, with iron screw on cap mkd. USDA-FS S24 T30N R2E HES 401 LS 4476 1965. This position is accepted as a careful and faithful perpetuation of the original cor. position.</p> <p>from which the remaining original bearing tree</p> <p>A pine, 16 ins. diam., bears S. 1½° E., 21 lks. dist., with a healed blaze.</p>

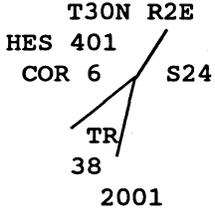
Dependent Resurvey of a Portion of H. E. S. No. 401,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS	
16.31	<p>Cor. is located in fence cor., extends NE, ENE and SE.</p> <hr/> <p>N. 74°18' E., on line 2-3, H.E.S. No. 401.</p> <p>Over rolling land, through moderate timber and underbrush, along irregular fence line.</p> <p>Cor. No. 3, H.E.S. No. 401, monumented with a limestone, 24 X 12 X 9 ins., firmly set, 14 ins. in the ground, mkd. 3 HES 401 and an X on top.</p> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A pine, 25 ins. diam., bears S. 30½° W., 38 lks. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A pine, 31 ins. diam., bears N. 29½° W., 61 lks. dist., with a healed blaze.</p> <p>and a bearing tree mkd. by Charles C. Doak, U. S. Forest Service, in 1965</p> <p style="padding-left: 40px;">A pine, 18 ins. diam., bears N. 26½° E., 64.3 lks. dist., with a healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <p>T30N R2E S24 COR 3 HES 401 2001</p> </div> <p>Deposit a magnet in a white plastic case at the base of and bury the original stone alongside the stainless steel post.</p> <p>Cor. is located in fence, bears ESE and NE.</p> <hr/>
19.90	<p>N. 52°05' E., on line 3-4, H. E. S. 401.</p> <p>Over rolling land, through moderate timber and underbrush, along irregular fence line.</p> <p>Right-of-way fence, bears NNE and SSW.</p>

**Dependent Resurvey of a Portion of H. E. S. No. 401,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
22.60	Center line of State Highway 64, paved, 45 ft. wide, bears NNE. and SSW.
24.40	Right-of-way fence, bears NNE. and SSW.
31.74	Cor. No. 4, H.E.S. No. 401, and the closing cor. on line bet. secs. 13 and 24, hereinbefore described.
	From this cor. point, the 1/4 sec. cor. of secs. 13 and 24, bears S. 89°32' W., 20.03 chs. dist., hereinbefore described.
	From cor. No. 5, H.E.S. No. 401, and the closing cor. on line bet. secs. 13 and 24, hereinbefore described.
	From this cor. point, the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., bears N. 89°32' E., 13.22 chs. dist., hereinbefore described.
	S. 13°52' W., on line 5-6, H.E.S. No. 401.
	Over rolling land, through moderate timber and underbrush, along irregular fence line.
23.87	Cor. 6, H.E.S. No. 401, identical with AP 3, Tract 38, monumented with a sandstone, 22 X 9 X 8 ins., firmly set in concrete, 12 ins. in the ground, mkd. 6 HES on the W. face and an X on top.
	from which the original bearing trees
	A pine, 19 ins. diam., bears S. 71½° W., 85 lks. dist., with a healed blaze.
	A pine, 21 ins. diam., bears N. 65½° W., 69 lks. dist., with a healed blaze.
	and a bearing tree mkd. by Charles C. Doak, U. S. Forest Service, in 1965
	A pine, 10 ins. diam., bears S. 33° E., 48 lks. dist., with scribe marks X BT visible on partially open blaze.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

**Dependent Resurvey of a Portion of H. E. S. No. 401,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	
	<p>Deposit a magnet in a white plastic case at the base and bury the original stone alongside the stainless steel post.</p>
	<p>S. 47°08' W., on line 6-7, H.E.S. No. 401, on a blank line.</p> <p>Over nearly level land.</p>
29.62	<p>AP 1, Tract 38, established by Dennis J. Mouland, U. S. Forest Service, in 1983, monumented with an aluminum post, 2½ ins. diam., firmly set, 13 ins. below the ground, with aluminum cap mkd. HES 401 6 7 TRACT38 LOT9 1983 LS12535</p> <p>from which a bearing tree mkd. by Mouland</p> <p style="padding-left: 40px;">A pine, 11 ins. diam., bears S. 2½° W., 121 lks. dist., with scribe marks X BT visible on partially open blaze.</p> <p>and a new bearing object</p> <p style="padding-left: 40px;">An X chiseled in concrete walk, bears N. 68¾° W., 34 lks. dist.</p> <p>Cor. is located in borrow ditch on E. edge of State Highway 64.</p> <p>Thence leave blank line, continue on line 6-7, H.E.S. No. 401.</p>
31.72	<p>Center line of State Highway 64, paved, 45 ft. wide, bears NE and SW.</p>
38.95	<p>Point for AP 1, sec. 24, established by Dennis J. Mouland, U. S. Forest Service, in 1983. This point was determined from Mouland's bearing objects, there is no evidence of Mouland's monument.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p>

**Dependent Resurvey of a Portion of H. E. S. No. 401,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<div data-bbox="857 300 1040 478" data-label="Diagram"> </div> <p data-bbox="415 516 1357 575">Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p data-bbox="415 611 1003 638">from which bearings object by Mouland</p> <p data-bbox="496 674 1373 732">A pine, 12 ins. diam., bears S. 21° E., 152 lks. dist., with a healed blaze.</p> <p data-bbox="496 768 1419 827">The SE corner of the main wall of the Canyon Square Motel, bears N. 1½ ° W., 100 lks. dist.</p> <p data-bbox="415 863 1422 953">From this cor. pint, a brass tablet incased in a concrete cylinder, 6 ins. diam., 4 ins. below ground, mkd. HES LS 19857 1992, bears N. 38° W., 2 lks. dist.</p> <p data-bbox="415 989 1406 1047">Thence, on a blank line, over nearly level land, along airport grounds.</p>
67.06	<p data-bbox="415 1083 1377 1199">Point for cor. No. 7, H.E.S. No. 401, determined at proportionate distance, falls in airport runway; there is no remaining evidence of the original cor. position. Not monumented.</p>
	<p data-bbox="415 1268 1357 1295">N. 19°49' E., on line 7-8, H.E.S. No. 401, on a blank line.</p> <p data-bbox="415 1331 1149 1358">Over nearly level land, along airport grounds.</p>
29.84	<p data-bbox="415 1398 1442 1514">AP 2, Tract 37, established by F. Dwan Utley, U. S. Forest Service, in 1971, monumented with an aluminum post, 2½ ins. diam., firmly set, flush with ground, with aluminum cap mkd. 8 7 TR37 GAP HES 401 1971 LS11369.</p> <p data-bbox="415 1549 1377 1577">Thence, over nearly level land, continuing on a blank line..</p>
33.43	<p data-bbox="415 1614 1430 1766">Cor. No. 8, H.E.S. No. 401, identical with AP 3, Tract 37, perpetuated by Dennis J. Mouland, U. S. Forest Service, in 1983, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 7 ins. above ground, with aluminum cap mkd. HES 401 COR 8 TRACT 37 1983 LS12535.</p> <p data-bbox="415 1801 1013 1829">from which the original bearing trees</p>

**Dependent Resurvey of a Portion of H. E. S. No. 401,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A pine, 28 ins. diam., bears S. 75° E., 62 lks. dist., with a healed blaze.</p> <p>A pine, 30 ins. diam., bears S. 11° E., 21 lks. dist., with a healed blaze.</p> <p>This is accepted as a careful and faithful perpetuation of the original cor. position.</p> <hr/> <p>N. 67°36' W., on line 8-9, H.E.S. No. 401, on a blank line.</p> <p>Over nearly level land.</p>
11.00	<p>Cor. No. 9, H.E.S. No. 401, identical with AP 1, Tract 37, perpetuated by Charles C. Doak, U. S. Forest Service, in 1965, and recorded in the Coconino County Recorders Office in Flagstaff, Az., Case 2, Page 97, monumented with an iron post, 2½ ins. diam., firmly set, projecting 21 ins. above ground, in a mound of stone, 2 ft. base, 8 ins. high, with screw on cap mkd. USDA FS HES 401 9 S24 T30N R2E LS4476 1965.</p> <p>from which the original bearing trees</p> <p>A pine, 38 ins. diam., bears S. 62¼° E., 142 lks. dist., with a healed blaze.</p> <p>A pine, 30 ins. diam., bears S. 4½° E., 39 lks. dist., with scribe marks 9 HES visible on partially open blaze.</p> <p>Rebuild mound of stone, 3 ft. base, to top.</p> <p>This is accepted as a careful and faithful perpetuation of the original cor. position.</p> <hr/>
18.04	<p>N. 47°55' W., on line 9-10, H.E.S. No. 401.</p> <p>Over rolling land, through moderate timber and underbrush.</p> <p>Intersect the line bet. secs. 23 and 24.</p>
18.18	<p>Point for cor. No. 10, H.E.S. No. 401, at proportionate dist., there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of H. E. S. No. 401,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS

T30N R2E

HES 401

COR 10

S23

2001

Deposit a magnet in a white plastic case at the base of the stainless steel post.

This cor. was originally identified as a closing cor. on the line bet. Secs. 23 and 24. It was proportioned off line and no longer functions as such.

N. 47°55' W., on line 10-11, H.E.S. No. 401.

Over rolling land, through moderate timber and underbrush.

16.97

Cor. No. 11, H.E.S. No. 401, monumented with a limestone, 19 X 10 X 9 ins., firmly set, 7 ins. in the ground, mkd. 11 HES 401.

from which the remains of the original bearing trees

A pine stump, 21 ins. diam., bears N. 66° W., 49 lks. dist.

A pine stump, 27 ins. diam., bears N. 25° W., 38 lks. dist.

and a bearing tree mkd. by Charles C. Doak, U. S. Forest Service, in 1965

A pine, 25 ins. diam., bears S. 85½° W., 97 lks. dist., with scribe marks X visible on partially open blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T30N R2E

S23 | HES 401

COR 11

2001

Deposit a magnet in a white plastic case at the base and bury the limestone alongside the stainless steel post.

**Dependent Resurvey of a Portion of H. E. S. No. 401,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
5.01	<p>N. 0°11' W., on line 11-12, H.E.S. No. 401.</p> <p>Over rolling land, through moderate timber and underbrush.</p> <p>Cor. No. 12, H.E.S. No. 401, monumented with a lime stone, 26 X 7 X 5 ins., firmly set, 12 ins. in the ground, mkd. with an X on top.</p> <p>from which the remaining original bearing tree</p> <p style="padding-left: 40px;">A pine, 24 ins. diam., bears S. 77° E., 90 lks. dist., with a healed blaze. (Record, S. 67½° E.)</p> <p>and a bearing tree mkd. by Charles C. Doak, U. S. Forest Service, in 1965</p> <p style="padding-left: 40px;">A pine, 17 ins. diam., bears N. 6° E., 102 lks. dist., with a healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>Deposit a magnet in a white plastic case at the base and bury the lime stone alongside the stainless steel post.</p>
14.78	<p>S. 58°55' E., on line 12-1, H.E.S. No. 401.</p> <p>Over rolling land, through moderate timber and underbrush.</p> <p>Cor. No. 1, H.E.S. No. 401.</p>
	<p align="center">Dependent Resurvey of Tract 37, T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From AP 1, Tract 37, identical with cor. 9, H.E.S. No. 401, hereinbefore described.</p> <p>S. 49°46' E., on line 1-2, Tract 37.</p> <p>Over rolling land, through moderate timber and underbrush.</p>

**Dependent Resurvey of Tract 37,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
7.18	<p>Point for AP 5, sec. 24, established by Dennis J. Mouland, U.S. Forest Service, in 1983, monumented with an aluminum post, 2½ ins. diam., 24 ins. long, firmly set, 12 ins. in the ground, badly bent with cap missing.</p> <p>from which a bearing tree mkd. by Mouland</p> <p style="padding-left: 40px;">A pine, 11 ins. diam., bears N. 56° W., 42 lks. dist., with a healed blaze.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;">  <p>T30N R2E TR 37 S24 2001</p> </div> <p>Deposit a magnet in a white plastic case at the base of and bury the aluminum post alongside the stainless steel post.</p> <p>Thence continue on line 1-2, Tract 37, on a blank line.</p>
11.73	<p>AP 2, Tract 37, on line 7-8, H.E.S. No. 401, hereinbefore described.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of Tract 38, T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From AP 1, Tract 38, on line 6-7, H.E.S. No. 401, hereinbefore described.</p> <p>S. 68°50' E., on line 1-2, Tract 38.</p> <p>Over rolling land, through moderate timber and underbrush.</p>
9.95	<p>Point for AP 2, Tract 38, established by Robert C. Woolery, Arizona Registered Land Surveyor, No.9753, date unknown, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 19 ins. above ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd. TR38 LOT8 S24 LS9753 19.</p> <p>from which a bearing tree of no record</p> <p style="padding-left: 40px;">A pine, 15 ins. diam., bears S. 80° W., 27 lks. dist., with scribe marks X BT visible on partially open blaze.</p>

**Dependent Resurvey of Tract 38,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
26.81	<p>From this cor. point, a fence corner, with fences extending NE and WNW, bears N. 56° E., 12 lks. dist.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 27°38' E., on line 2-3, Tract 38.</p> <p>Over rolling land, through moderate timber and underbrush.</p> <p>AP 3, Tract 38, identical with cor. 6, H.E.S. No. 401, hereinbefore described.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey in Section 24, T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From AP 1, sec. 24, on line 6-7, H.E.S. No. 401, hereinbefore described.</p> <p>S. 20°57' W., on line 1-2, sec. 24, along the E. boundary of the Grand Canyon National Park Airport.</p> <p>Over rolling land, through moderate timber and underbrush.</p>
15.85	<p>Point for AP 2, sec. 24, identical with the point of curvature, established by Robert C. Woolery, Arizona Registered Land Surveyor No.9753, in 1989, monumented with a rebar, ½ in. diam., firmly set in concrete, projecting 2 ins. above ground.</p> <p>Cor. is located 50 ft. E. of State Highway 64.</p> <hr style="width: 30%; margin: 10px auto;"/>
16.59	<p>Thence along a circular curve to the left, having a central angle of 8°08'47", radius of 7701.01 ft., the cord of said arc bears S. 17°10' W., 16.58 chs. dist.</p> <p>The point for AP 3, sec. 24, on the line bet. secs. 24 and 25, hereinbefore described.</p> <p>From this point, a point on curve, on the E. boundary of the Grand Canyon National Park Airport, bears S. 5°49' W., 29.70 chs. dist., monumented with an aluminum drive rod, firmly set, projecting 10 ins. above ground, in a small collar of stone, with aluminum cap mkd. LS11369 GCAP 1991.</p> <p>From this same point, the 1/4 sec. cor. of secs. 24 and 25, bears N. 89°48' E., 17.90 chs. dist., hereinbefore described.</p> <hr/> <p>From the point for AP 4, sec. 24, on the line bet. secs. 23 and 24, hereinbefore described.</p>

**Metes-and-Bounds Survey in Section 24,
T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
28.83	<p>From this point, the southwest cor. of the Grand Canyon National Park Airport, bears S. 40°39' W., 213.28 chs. dist., monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with aluminum cap mkd. GCAP COR 7 T30N R2E S34 LS9753 1983.</p> <p>From this same point, the 1/4 sec. cor. of secs. 23 and 24, bears N. 0°08' W., 19.24 chs. dist., hereinbefore described.</p> <p>N. 40°39' E., on line 4-5, sec. 24, along the W. boundary of the Grand Canyon National Park Airport.</p> <p>Over rolling land, through moderate timber and underbrush.</p> <p>AP 5, sec. 24, on the line 1-2, Tract 37, hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The area encompassed by this survey in Township 30 North, Range 2 East, consists mainly of rolling mountainous terrain within the Kaibab National Forest. The vegetation consists mostly of pinon pine and underbrush. The small town of Tusayan, Arizona, is situated within H.E.S. No. 401. Arizona State Highway 64 is the main road in this area.</p> <p>The average elevation is approximately 6500 feet above sea level.</p> <p>The mean magnetic declination of 12½° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.</p> <hr/>

CERTIFICATE OF SURVEY

I, Joe R. Salazar, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 4th day of September, 2001, I have dependently resurveyed a portion of the east boundary, a portion of the subdivisional lines, Homestead Entry Survey No. 401 and Tracts 37 and 38, and executed metes-and-bounds surveys in section 24, T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. 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.

11/10/04
(Date)

Joe R. Salazar
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines, Homestead Entry Survey No. 401 and Tracts 37 and 38, and the metes-and-bounds surveys in section 24, T. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona, executed by Joe R. Salazar, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

11/18/04
(Date)

Stephen K. Hansen
(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. 30 N., R. 2 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____~~
~~(Date)~~

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