ORIGINAL

BOOK 5386

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH AND WEST BOUNDARIES,

A PORTION OF THE SUBDIVISIONAL LINES,

AND THE SUBDIVISION OF CERTAIN SECTIONS,

AND

A METES-AND-BOUNDS SURVEY

IN SECTIONS 30 AND 31

TOWNSHIP 11 SOUTH, RANGE 16 EAST

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

EXECUTED BY
Stephen K. Hansen, Cadastral Surveyor

Under Special Instructions dated November 10, 1992, approved November 10, 1992, which provided for the surveys included under Group Number 746 and assignment instructions dated November 10, 1992.

Survey commenced November 17, 1992
Survey completed June 1, 1993

INDEX DIAGRAM

TOWNSHIP 11 SOUTH, RANGE 16 EAST,

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

9 15 13 6 12 4

Subdivision of Secs. 30 and 31 pp. 16-23
Metes-and-Bounds Survey pp. 23-37

T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south and west boundaries, a portion of the subdivisional lines, and the subdivision of certain sections, and a metes-and-bounds survey in sections 30 and 31, Township 11 South, Range 16 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: W.B. Alexander surveyed a portion of the south and west boundaries, a portion of the subdivisional lines, and partially subdivided sections 30 and 31 in 1905-06. Sidney E. Blout, Benjamin J. Kinsey, and Charles E. Hunter resurveyed portions of the subdivisional lines, and completed the survey of the south and west boundaries and subdivisional lines in 1926-27. Mineral Survey No. 4221 was surveyed by Ralph L. Motz in 1938.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated November 10, 1992, for Group No. 746, 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 survey was performed at the request of Federal Land Exchange, Incorporated, in a letter dated July 17, 1992. The purpose of this survey was to facilitate a land exchange.

Angle points 2-14 of the Metes-and-Bounds survey were established at approximately 150 ft. offsets from the position of the center line of Mount Lemmon Highway at the time of this survey. Angle points 15-23 were established at approximately 33 ft. offsets from the center line of Loma Linda Middle Sabino Road.

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 Lietz Set 4A electronic instrument.

The geographic position of the center 1/4 section corner of section 30, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "Summerhaven 1936", located in the northeast quarter of section 30, is as follows:

Latitude: 32°26'56.69" N. Longitude: 110°45'16.55" W. NAD 27

T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

The mean magnetic declination as taken from quadrangle map Mt. Lemmon, ARIZ., published in 1981 by U.S. Geological Survey, is 12 1/2° E.

Dependent Resurvey of a Portion of the South Boundary,
T. 11 S., R. 16 E., Gila and Salt River Mer., Arizona

Restoring the survey executed by
W.B. Alexander, in 1905-06

Beginning at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., monumented with a granite stone, 14 x 10 x 6 ins., firmly set, projecting 4 ins. above ground, mkd. with 5 grooves on the E. face, and 1 groove on the W. face, from which original bearing trees

A pine, 18 ins. diam., bears S. 38° E., 4 lks. dist., with healed blaze.

A pine , 30 ins. diam., bears S. 48° W., 12 lks. dist., with healed blaze.

At the cor. point

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

T11S R16E
S31 | S32
S6 | S5
T12S
1993

from which

A pine, 8 ins. diam., bears N. 11 3/4° E., 37 lks. dist., mkd. T11SR16ES32BT.

An oak, 5 ins. diam., bears N. 56° W., 65 lks. dist., mkd. X BT.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.

Dependent Resurvey of a Portion of the South Boundary,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Bury the mkd. stone alongside the stainless steel post.
	N. 89°50' W., bet. secs. 6 and 31, on the S. bdy. of the Tp.
	Over mountainous land, through thick stands of pine and oak.
39.56	The 1/4 sec. cor. of secs. 6 and 31, determined from the remains of an original bearing tree
	A root hole, bears N. 47 1/2° W., 36 lks. dist., with fallen pine, 28 ins. diam., alongside, mkd. 1/4S31BT on opened blaze.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E S31 1/4 ——— S6 T12S 1993
	from which
	A fir, 8 ins. diam., bears N. 3° E., 20 lks. dist., mkd. 1/4S31BT.
	A fir, 7 ins. diam., bears S. 6 3/4° E., 21.5 lks. dist., mkd. 1/4S6BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
	———
	S. 89°55' W., beginning new measurement.
38.16	Point for the cor. of Tps. 11 and 12 S., Rs. 15 and 16 E., determined by two point control; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.

Dependent Resurvey of a Portion of the South Boundary,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

T11S
R15E R16E
S36 | S31
S1 | S6
T12S
1993

from which

A pine, 5 ins. diam., bears N. 59° E., 16 lks. dist., mkd. X BT.

A rock outcrop, 4 x 3 x 2 ft. high, bears S. 38° E., 38.5 lks. dist., with X BO chiseled on the NW face.

A rock outcrop, 4 x 2 x 1 ft. high, bears S. 45° W., 8 lks. dist., with X BO chiseled on the E. face.

A rock outcrop, 8 x 3 x 2 ft. high, bears N. 13 1/2° W., 17 lks. dist., with X BO chiseled on the SE face.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.

Dependent Resurvey of a Portion of the West Boundary,
T. 11 S., R. 16 E., Gila and Salt River Mer., Arizona

Restoring the survey executed by
W.B. Alexander, in 1905-06

From the cor. of Tps. 11 and 12 S., Rs. 15 and 16 E., hereinbefore described.

N. 0°09' E., bet. secs. 31 and 36, on the W. bdy. of the Tp.

Over mountainous, rocky lands, through medium pine timber.

40.00 The 1/4 sec. cor. of secs. 31 and 36, perpetuated by Sanford B. Evans, P.E. 5178, in 1984, monumented with an aluminum post, 30 ins. long, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, projecting 18 ins. above ground, with a granite stone, 14 x 12 x 8 ins., mkd. 1/4 on a face, in the mound of stone, with aluminum cap mkd. 1/4 SEC 36 31 R15E R16E PE 5145 1984, from which original bearing trees

Dependent Resurvey of a Portion of the West Boundary,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	A root hole, bears S. 14 1/2° E., 55 lks. dist., with fallen pine, 30 ins. diam., alongside, mkd 1/4S31BT on opened blaze. A dead pine, 30 ins. diam., bears S. 87 1/2° W., 74 lks. dist., mkd. 1/4S36BT on opened blaze. This is accepted as a careful and faithful perpetuation of the original cor. position. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, in a mound of stone, 5 ft. base, to top, with brass cap mkd. T11S R15E R16E 1/4 S36 | S31 1993 from which An oak, 5 ins. diam., bears N. 63 1/2° E., 28 lks. dist., mkd. X BT. An oak, 6 ins. diam., bears N. 33 1/2° W., 6 lks. dist., mkd. X BT. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.. Deposit the mkd. stone and the aluminum post alongside the stainless steel post, in the mound of stone. --- N. 0°15' E., beginning new measurement.
19.96	The N. 1/16 sec. cor. of secs. 31 and 36, determined by T.N. Stevens, R.P.E., in 1926, and perpetuated by Dennis James Mouland, R.L.S. 12535, in 1986, monumented with an aluminum post, 1 in. diam., firmly set, projecting 3 ins. above ground, encircled with a collar of stone, with a granite stone, 35 x 12 x 7 ins., mkd. with a C and an X on faces, in the collar of stone, with aluminum cap mkd. N1/16 S36 S31 LS12535 1986, from which bearing trees mkd. by Mouland

Dependent Resurvey of a Portion of the West Boundary,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	A fir, 18 ins. diam., bears S. 14° E., 23.5 lks. dist., with healed blaze. A pine, 8 ins. diam., bears S. 28° E., 4.5 lks. dist., mkd BT1 on opened blaze. A pine, 12 ins. diam., bears S. 65 1/2° W., 38.5 lks. dist., with healed blaze. This is accepted as a careful and faithful determination and perpetuation of the cor. position. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd. T11S R15E R16E N1/16 S36 | S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Deposit the mkd. stone and the aluminum post alongside the stainless steel post, in the collar of stone. --- N. 0°05' W., beginning new measurement.
5.47	AP 4, Tract 37, T. 11 S., R. 15 E., monumented with a stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, with brass cap mkd. T11S R15E R16E TRACT 37 S31 AP4 S36 1993 as described in the field note record of the dependent resurvey of a portion of MS 4221, and the metes-and-bounds survey of Tract 37, T. 11 S., R. 15 E., executed concurrently under this same group.
12.14	AP 1, Tract 37, T. 11 S., R. 15 E., monumented with a stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 12 ins. in the ground to bed rock, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T11S R15E R16E S36 AP1 S31 TRACT 37 1993 as described in the field note record of the dependent resurvey of a portion of MS 4221, T. 11 S., R. 15 E., executed concurrently under this same group.

Dependent Resurvey of a Portion of the West Boundary,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
20.00	The cor. of secs. 25, 30, 31, and 36, monumented with a quartzite stone, 20 x 18 x 10 ins., firmly set, projecting 12 ins. above ground, mkd. with 1 groove on the S. face and 5 grooves on the N. face, with a mound of stone to the W., 2 ft. base, 1 ft. high, from which original bearing trees A pine, 22 ins. diam., bears N. 45 1/4° E., 44 lks. dist., with healed blaze. A rotted pine stump, 8 ins. diam., bears S. 11° E., 59 lks. dist., with fallen pine, 8 ins. diam., alongside, mkd. T11SR16ES31 on opened blaze. A pine, 24 ins. diam., bears S. 59° W., 35 lks. dist., with healed blaze. A dead pine, 24 ins. diam., bears N. 56° W., 25 lks. dist., mkd. T11SR15ES25BT on opened blaze. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, to bedrock, in a mound of stone, 4 ft. diam., to top, with brass cap mkd. T11S R15E | R16E S25 | S30 S36 | S31 1993 from which A pine, 6 ins. diam., bears S. 35 1/4° E., 16 lks. dist., mkd. X BT. A fir, 12 ins. diam., bears N. 26 1/4° W., 38 lks. dist., mkd. X BT. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Deposit the mkd. stone alongside the stainless steel post, in the mound of stone.

N. 0°04' W., bet. secs. 25 and 30, on the W. Bdy. of the Tp.

Dependent Resurvey of a Portion of the West Boundary,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over mountainous land, through thick stands of pine and fir.
0.30	The witness point at intersection with line 1-2, Catalina 4, MS 4221, monumented with a stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 12 ins. in the ground to bed rock, in a mound of stone, 3 ft. base, to top, with brass cap mkd. WP T11S R15E R16E CAT 4 MS 4221 S30 S25 1993 as described in the field note record of the dependent resurvey of a portion of MS 4221, T. 11 S., R. 15 E., executed concurrently under this same group. From this cor. point, cor. 1 of Catalina 4, MS 4221, monumented with a stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground encircled with a collar of stone, with brass cap mkd. T11S R16E C1 CAT4 S30 MS4221 1993 as described in the field note record of the dependent resurvey of a portion of MS 4221, executed concurrently under this same group, bears N. 23°08'E., 8.81 chs. dist.
19.98	Point for the S. 1/16 sec. cor. of secs. 25 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, encircled with a collar of stone, with brass cap mkd. T11S R15E R16E S1/16 S25 | S30 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. From this cor. point, an aluminum post, 1 in. diam., firmly set, projecting 2 ins. above ground, with aluminum cap mkd. S1/16 S25 S30 LS 12535, set by Dennis J. Mouland, R.L.S. 12535, in 1986, bears N 3°09' W., 4 lks. dist. Intervening control was discovered during the course of this resurvey; therefore this monument was not utilized.
23.15	Creek, 7 lks. wide, 6 ins. deep, course ESE.
23.45	Turkey Run Road, 25 lks. wide, paved, bears ESE and WNW.
26.85	Ski Run Road, 40 lks. wide, paved, bears ESE and WNW.
28.56	An original line tree, a fir, 20 ins. diam., mkd. with healed blaze on the S., and 2 notches on opened blaze on the N. This now becomes an angle point.

Dependent Resurvey of a Portion of the West Boundary,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	from which A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears N. 66°35' E., 15.5 ft. dist., with brass cap mkd. T11S R16E RM S30 15.5 FT TO AP 1993, and an arrow pointing to the line tree. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	N. 0°07' W., beginning new measurement.
11.49	The 1/4 sec. cor. of secs. 25 and 30, monumented with a quartzite stone, 15 x 10 x 6 ins., firmly set, projecting 2 ins. above ground, in a mound of stone, 2 ft. base, 1 ft. high, mkd. 1/4 on a face, with an iron post, 28 ins. long, 1 in. diam., firmly set, projecting 20 ins. above ground, alongside the stone, reconstructed by Sidney Blout, et al., in 1927, with brass cap mkd. 1/4 S25 S30 1927, from which original bearing trees A dead fir, 38 ins. diam., bears S. 88 1/2° E., 120 lks. dist., with illegible marks on opened blaze. A dead fir, 48 ins. diam., bears N. 81° W., 45 lks. dist., with illegible marks on opened blaze. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a collar of stone, with brass cap mkd. T11S R15E R16E 1/4 S25 | S30 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Bury the mkd. stone alongside the stainless steel post. Remove the iron pipe, impracticable to bury.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Restoring the survey executed by W.B. Alexander, in 1905-06
	From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°15' E., bet. secs. 31 and 32.
	Over mountainous, extremely broken ground, through thick stands of pine and fir.
22.85	Mount Lemmon Highway, 40 lks. wide, paved, bears ESE and WNW.
40.02	Point for the 1/4 sec. cor. of secs. 31 and 32, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, and supported in a mound of stone, 6 ft. base, to top, with brass cap mkd. T11S R16E 1/4 S31 | S32 1993
	from which A fir, 24 ins. diam., bears N. 65 1/2° E., 14 lks. dist., mkd. 1/4S32BT. An oak, 16 ins. diam., bears S. 14° W., 101 lks. dist., mkd. 1/4S31BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
60.03	Point for the N. 1/16 sec. cor. of secs. 31 and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd. T11S R16E N1/16 S31 | S32 1993
	from which

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	A pine, 18 ins. diam., bears N. 1° W., 37.5 lks. dist., mkd. N1/16S31BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.04	The cor. of secs. 29, 30, 31, and 32, monumented with a granite stone, 18 x 15 x 6 ins., firmly set, projecting 6 ins. above ground, mkd. with 5 grooves on the E. face and 1 groove on the S. face, from which original bearing trees
	A pine, 24 ins. diam., bears N. 23° E., 39 lks. dist., with illegible marks on partially healed blaze.
	An oak, 26 ins. diam., bears S. 68° W., 46 lks. dist., with healed blaze.
	A pine, 27 ins. diam., bears N. 43 1/2° W., 48 lks. dist., with healed blaze.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.

T11S R16E
S30	S29
S31	S32
1993

	from which
	A fir, 18 ins. diam., bears S. 35° E., 68.5 lks. dist., mkd. T11SR16ES32BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Deposit the mkd. stone alongside the stainless steel post, in the collar of stone.
	N. 89°59' W., bet. secs. 30 and 31.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Ascend over extremely mountainous terrain, through thick stands of pine, fir and oak.
29.45	Mount Lemmon Highway, 45 lks. wide, paved, bears NNW and SSE.
31.715	Point for AP 12, hereinafter described.
36.50	Ridge, bears SE, descend.
39.89	The 1/4 sec. cor. of secs. 30 and 31, perpetuated by Dennis J. Mouland, R.L.S. 12535, in 1986, monumented with an aluminum post, 30 ins. long, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, projecting 6 ins. above ground, with a granite stone, 15 x 10 x 8 ins., mkd. 1/4 on a face, in the mound of stone, with aluminum cap mkd. 1/4 30 31 LS12535 1986, from which an original bearing tree A pine, 28 ins. diam., bears N. 12° W., 14 lks. dist., with healed blaze. This is accepted as a careful and faithful perpetuation of the original cor. position. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd. T11S R16E S30 1/4 —— S31 1993 from which A pine, 8 ins. diam., bears S. 41° E., 41 lks. dist., mkd. 1/4S31BT. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit the mkd. stone and the aluminum post alongside the stainless steel post, in the collar of stone.
	S. 89°58' W., beginning new measurement.
38.00	The cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., hereinbefore described.
	From the cor. of secs. 29, 30, 31, and 32.
	N. 0°10' E., bet. secs. 29 and 30.
19.20	Creek, 2 lks. wide, at bottom of wash, course E.
20.10	Point for the S. 1/16 sec. cor. of secs. 29 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E S1/16 S30 | S29 1993
	from which
	A pine, 12 ins. diam., bears N. 40 3/4° E., 25.5 lks. dist., mkd. S1/16S29BT.
	A pine, 16 ins. diam., bears N. 15 1/4° W., 32 lks. dist., mkd. S1/16S30BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
40.20	The 1/4 sec. cor. of secs. 29 and 30, determined from original bearing trees
	A pine, 40 ins. diam., bears S. 78 1/2° E., 30 lks. dist., with healed blaze. (Record: S. 83° E.)
	A pine, 16 ins. diam., bears N. 58° W., 43 lks. dist., mkd. 1/4S30BT on opened blaze. (Record: N. 55 1/2° W.)

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	The original monument, a granite stone, 20 x 12 x 7 ins., mkd. 1/4 on a face, was found lying loosely nearby. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a collar of stone, with brass cap mkd. T11S R16E 1/4 S30 | S29 1993 from which A pine, 5 ins. diam., bears N. 22° E., 20.5 lks. dist., mkd. X BT. A pine, 10 ins. diam., bears S. 77 1/4° W., 61 lks. dist., mkd. 1/4S30BT. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Deposit the mkd. stone alongside the stainless steel post, in the collar of stone.
	Dependent Resurvey of the Partial Subdivision, Sections 30 and 31, T. 11 S., R. 16 E., Gila and Salt River Mer., Arizona
	Restoring the survey executed by W.B. Alexander, in 1905
	From the 1/4 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp. S. 89°42' E., on a portion of the E. and W. center line of sec. 31.
17.03	An original line tree, a dead pine, 48 ins. diam., mkd. with 2 notches on both the E. and W. faces, on opened blazes. This now becomes an angle point.

Dependent Resurvey of the Partial Subdivision,
Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	from which A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears S.53°30' W., 6.5 ft. dist., with brass cap mkd. T11S R16E RM S31 6.5 FT 1993, and an arrow pointing to the line tree. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	N. 89°58' E., beginning new measurement.
10.52	Point for AP 34, hereinafter described.
21.015	The center 1/4 sec. cor. of sec. 31, perpetuated by Dennis J. Mouland, R.L.S. 12535, in 1985, monumented with an aluminum post, 30 ins. long, 1 in. diam., firmly set, in a mound of stone, 3 ft. base, to top, projecting 24 ins. above ground, with aluminum cap mkd. T11S R16E C1/4 SEC 31 LS12535 1985, from which original bearing trees A rotted pine stump, 16 ins. diam., bears N. 71 1/2° E., 47 lks. dist., no visible marks.. A rotted pine stump, 12 ins. diam., bears S. 35° E., 92 lks. dist., no visible marks. A stump hole, bears S. 18° W., 16 lks. dist., with fallen pine, 14 ins. diam., with illegible marks on opened blaze. and bearing trees mkd. by Mouland A pine, 7 ins. diam., bears N. 13 3/4° E., 11 lks. dist., with illegible marks on partially healed blaze. A pine, 24 ins. diam., bears S. 0 1/2° E., 59.5 lks. dist., with illegible marks on partially healed blaze. A spruce, 10 ins. diam., bears S. 80° W., 45.5 lks. dist., with illegible marks on partially healed blaze. This is accepted as a careful and faithful perpetuation of the original cor. position. At the cor. point

Dependent Resurvey of the Partial Subdivision,
Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to bedrock, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd. T11S R16E C1/4 S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Deposit the aluminum post alongside the stainless steel post, in the supporting mound of stone.
	N. 0°01' E., on a portion of the N. and S. center line of sec. 31.
20.03	The center N. 1/16 sec. cor. of sec. 31, determined by Dennis J. Mouland, R.L.S. 12535, in 1986, monumented with an aluminum post, 30 ins. long, 1 in. diam., firmly set, projecting 6 ins. above ground, with aluminum cap mkd. C N1/16 S31 C LS12535 1986, from which a bearing object and bearing trees mkd. by Mouland A pine, 17 ins. diam., bears N. 48° E., 15 lks. dist., with healed blaze. A pine, 19 ins. diam., bears S. 35 1/2° E., 22.5 lks. dist., mkd. BT1. A rock outcrop, 7 x 6 x 4 ft. high, bears S. 88 1/4° E., 69.5 lks. dist., with X BO chiseled on the W. face. This is accepted as a careful and faithful determination of the cor. position. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled with a collar of stone, with brass cap mkd. T11S R16E C N1/16 | S31 C 1993

Dependent Resurvey of the Partial Subdivision,
Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Deposit the aluminum post alongside the stainless steel post, in the collar of stone.
	N. 0°02' E., beginning new measurement.
20.03	The 1/4 sec. cor. of secs. 30 and 31.
	N. 0°03' E., on a portion of the N. and S. center line of sec. 30.
19.98	The center S. 1/16 sec. cor. of sec. 30, determined by T.N. Stevens, R.P.E., in 1926, and perpetuated by Dennis J. Mouland, R.L.S. 12535, in 1986, monumented with an aluminum post, 30 ins. long, 1 in. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, to top, with the a granite stone, 24 x 12 x 16 ins., mkd. with an A on a face, in the mound of stone, with aluminum cap mkd. C S1/16 S30 C LS12535 1986, from which bearing trees mkd. by Mouland A pine, 19 ins. diam., bears N. 7° W., 48 lks. dist., with healed blaze. A fir, 18 ins. diam., bears N. 65° W., 32 lks. dist., with healed blaze. This is accepted as a careful and faithful determination and perpetuation of the cor. position. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 13 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base., to top, with brass cap mkd. T11S R16E C S1/16 | S30 C 1993

Dependent Resurvey of the Partial Subdivision,
Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Deposit the mkd. stone and aluminum post alongside the stainless steel post, in the mound of stone. --- N. 0°08' W., beginning new measurement.
12.20	Point for AP 4, hereinafter described.
20.00	The center 1/4 sec. cor. of sec. 30, perpetuated by Dennis J. Mouland, R.L.S. 12535, in 1986, monumented with an aluminum post, 30 ins. long, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, encircled with a collar of stone, with the original quartzite stone, 18 x 10 x 8 ins., mkd. CENTER S 30 on a face, in the collar of stone, with aluminum cap mkd. C1/4 S30 LS12535 1986, from which original bearing trees A rotted pine stump, 30 ins. diam., bears N. 24 1/2° E., 41 lks. dist., no visible marks.. A rotted pine stump, 18 ins. diam., bears S. 21° E., 46 lks. dist., no visible marks.. A rotted pine stump, 30 ins. diam., bears S. 61° W., 73 lks. dist., no visible marks.. and bearing trees mkd. by Mouland A pine, 12 ins. diam., bears S. 84° E., 16.5 lks. dist., with healed blaze. A spruce, 12 ins. diam., bears N. 80° W., 23 lks. dist., with healed blaze. This is accepted as a careful and faithful perpetuation of the original cor. position. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base., to top, with brass cap mkd. T11S R16E C1/4 | S30 1992

Dependent Resurvey of the Partial Subdivision,
Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Deposit the mkd. stone and the aluminum post alongside the stainless steel post, in the mound of stone.
	From this cor. point, U.S. Coast and Geodetic Survey triangulation station "Summerhaven 1936", with published latitude of 32°27'12.3473" N. and longitude of 110°45'10.7403" W., NAD27, bears N. 17°28.5' E. (forward bearing), 25.14 chs. dist., monumented with a standard brass disk, 3 1/4 ins. diam., cemented flush with the surface of granite bedrock, with top of disk mkd. SUMMERHAVEN 1936 and a triangle.
	N. 89°56' W., on a portion of the E. and W. center line of sec. 30.
38.02	The 1/4 sec. cor. of secs. 25 and 30, on the W. bdy. of the Tp.
	Subdivision of Section 30, T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 29 and 30.
	S. 89°43' W., on a portion of the E. and W. center line of sec. 30.
40.03	The center 1/4 sec. cor. of sec. 30.
	SE 1/4 of Section 30
	From the S. 1/16 sec. cor. of secs. 29 and 30.
	S. 89°51' W., on the E. and W. center line of the SE 1/4 of sec. 30.
29.80	Mount Lemmon Highway, 40 lks. wide, paved, bears NNW and SSE.
32.06	Point for AP 9, hereinafter described.
39.93	The center S. 1/16 sec. cor. of sec. 30.

Subdivision of Section 30,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	SW 1/4 of Section 30
	From the center S. 1/16 sec. cor. of sec. 30.
	S. 89°58' W., on the E. and W. center line of the SW 1/4 of sec. 30.
11.30	Point for AP 1, hereinafter described.
13.60	Gila Avenue, 30 lks. wide, paved, bears N. and S.
38.04	The S. 1/16 sec. cor. of secs. 25 and 30, on the W. bdy. of the Tp.
	Subdivision of Section 31, T. 11 S., R. 16 E., Gila and Salt River Mer., Arizona
	From the 1/4 sec. cor. of secs. 6 and 31, on the S. bdy. of the Tp.
	N. 0°02' W., on a portion of the N. and S. center line of sec. 31.
37.52	Point for AP 29, hereinafter described.
39.87	The center 1/4 sec. cor. of sec. 31.
	From the 1/4 sec. cor. of secs. 31 and 32.
	S. 89°57' W., on a portion of the E. and W. center line of sec. 31.
36.34	Point for AP 27, hereinafter described.
39.74	The center 1/4 sec. cor. of sec.31.
	NE 1/4 of Section 31
	From the N. 1/16 sec. cor. of secs. 31 and 32.
	S. 89°59' W., on the E. and W. center line of the NE 1/4 of sec. 31.

Subdivision of Section 31,
T. 11 S., R. 16 E., Gila and Salt River Mer., Arizona

CHAINS	
26.95	Mount Lemmon Highway, 40 lks. wide, paved, bears NNE and SSW.
29.22	Point for AP 20, hereinafter described.
39.82	The center N. 1/16 sec. cor. of sec. 31.

NW 1/4 of Section 31

From the center N. 1/16 sec. cor. of sec. 31.

N. 89°59' W., on the E. and W. center line of the NW 1/4 of sec. 31.

12.90	Dirt road, 20 lks. wide, bears N. and S.
13.09	Point for AP 39, hereinafter described.
18.70	Sabino Canyon Road, 30 lks. wide, paved, bears NNE and SSW.
37.96	The N. 1/16 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Mer., Arizona

From AP 1, on the E. and W. center line of the SW 1/4 of sec. 30, and on the land exchange boundary.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T11S R16E
AP1
S — S
S30
1993

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From this cor. point, the center S. 1/16 sec. cor. of sec. 30, bears N. 89°58' E., 11.30 chs. dist., hereinbefore described.
	N. 2°27' E., on line 1-2.
4.57	Point for AP 2.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E S30 AP2 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	N. 53°25' E., on line 2-3.
10.35	Point for AP 3.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E S30 AP3 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	N. 62°02' E., on line 3-4.
3.13	Point for AP 4, at intersection with the N. and S. center line of sec. 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T11S R16E C S | 30 AP | 4 C 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. From this cor. point, the center 1/4 sec. cor. of sec. 30, bears N. 0°08' W., 7.80 chs. dist., hereinbefore described.
	S. 79°09' E., on line 4-5.
3.11	Point for AP 5. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E S30 AP5 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	S. 43°41' E., on line 5-6.
2.17	Point for AP 6. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E S30 AP6 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 56°58' E., on line 6-7.
1.26	Point for AP 7.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E AP7 | S30 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	S. 17°54' E., on line 7-8.
2.81	Point for AP 8.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E AP8 | S30 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	S. 12°03' E., on line 8-9.
6.81	Point for AP 9, at intersection with the E. and W. center line of the SE 1/4 of sec. 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E AP | S S — S 9 30 1993

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. From this cor. point, the center S. 1/16 sec. cor of sec. 30, bears S. 89°51' W., 7.87 chs. dist., hereinbefore described.
	S. 7°37' W., on line 9-10.
9.35	Point for AP 10. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP10 | S30 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	S. 4°30' E., on line 10-11.
8.78	Point for AP 11. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP11 \ S30 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	S. 23°00' E., on line 11-12.
2.16	Point for AP 12, at intersection with the line bet. secs. 30 and 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP \ S30 12 \ S31 1993

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. From this cor. point, the 1/4 sec. cor. of secs. 30 and 31, bears N. 89°59' W., 8.175 chs. dist., hereinbefore described. --- S. 22°56' E., on line 12-13.
3.77	Point for AP 13. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP13 \ S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 10°55' E., on line 13-14.
3.04	Point for AP 14. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP14 \ S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 15°49' E., on line 14-15.
2.83	Loma Linda Middle Sabino Road, 30 lks. wide, improved gravel, bears ENE and SW.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
3.33	Point for AP 15. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP15 \ S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 9°38' E., on line 15-16.
2.85	Point for AP 16. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP16) S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 19°24' W., on line 16-17.
2.37	Point for AP 17. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP17 / S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. ---

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 31°15' W., on line 17-18.
2.45	Point for AP 18.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E AP18 \ S31 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	S. 29°46' E., on line 18-19.
2.44	Point for AP 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E AP19 / S31 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	S. 8°32' W., on line 19-20.
1.12	Point for AP 20, at intersection with the E. and W. center line of the NE 1/4 of sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E AP / S N ——— N 20 / 31 1993

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. From this cor. point, the center N. 1/16 sec. cor. of sec. 31, bears S. 89°59' W., 10.60 chs. dist., hereinbefore described. --- S. 8°30' W., on line 20-21.
2.13	Point for AP 21. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP21 / S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 29°12' W., on line 21-22.
5.52	Point for AP 22. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP22 \ S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 7°02' E., on line 22-23.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
3.04	Point for AP 23. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP23 \ S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 16°09' E., on line 23-24.
4.98	Point for AP 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP24) S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 64°38' W., on line 24-25.
3.95	Point for AP 25. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP25 / S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. --- S. 33°07' W., on line 25-26.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
1.77	Point for AP 26. Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, in bedrock, with top mkd. T11S R16E AP26 / S31 1993 S. 33°37' W., on line 26-27.
2.56	Point for AP 27, at intersection with the E. and W. center line of sec. 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP / S C ——— C 27 / 31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. From this cor. point, the center 1/4 sec. cor. of sec. 31, bears S. 89°57' W., 3.40 chs. dist., hereinbefore described. S. 33°26' W., on line 27-28.
0.76	Point for AP 28. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T11S R16E AP28 / S31 1993 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 60°01' W., on line 28-29.
3.44	Point for AP 29, at intersection with the N. and S. center line of sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E C AP | 29 S | 31 C 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	From this cor. point, the center 1/4 sec. cor. of sec. 31, bears N. 0°02' W., 2.35 chs. dist., hereinbefore described.

	S. 59°56.5' W., on line 29-30.
1.82	Point for AP 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E AP30 / S31 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

	S. 70°10' W., on line 30-31.
3.285	Point for AP 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E AP31 S31 1993

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	N. 54°14.5' W., on line 31-32.
3.40	Point for AP 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base., to top, with brass cap mkd.
	T11S R16E AP32 S31 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	N. 70°03' W., on line 32-33.
2.58	Point for AP 33.
	Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, in bedrock, with top mkd.
	T11S R16E S31 AP33 1993
	N. 23°15' W., on line 33-34.
1.635	Point for AP 34, at intersection with the E. and W. center line of sec. 31.
	Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, in bedrock, with top mkd.
	T11S R16E S AP C C 31 34 1993

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From this cor. point, the center 1/4 sec. cor. of sec. 31, bears N. 89°58' E., 10.495 chs. dist., hereinbefore described.

	N. 23°09' W., on line 34-35.
0.64	Point for AP 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base., to top, with brass cap mkd.
	T11S R16E S31 \ AP35 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

	N. 18°26' E., on line 35-36.
2.01	Point for AP 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E S31 / AP36 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

	N. 42°57' W., on line 36-37.
2.67	Point for AP 37.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E S31 \ AP37 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Metes-and-Bounds Survey in Sections 30 and 31,
T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 2°49' W., on line 37-38.
1.64	Point for AP 38.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, to bedrock, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T11S R16E S31 \ AP38 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	N. 4°22' W., on line 38-39, approximately parallel to and easterly of Sabino Canyon Road.
13.99	Point for AP 39, at intersection with the E. and W. center line of the NW 1/4 of sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T11S R16E S31 N ——— N \ AP39 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	From this cor. point, the center N. 1/16 sec. cor. of sec. 31, bears S. 89°59' E., 13.09 chs. dist., hereinbefore described.

T. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The land encompassed in this survey is located about 11 miles southerly of Oracle, Az. and 25 miles northeasterly of Tucson, Az., near the town of Summerhaven. Elevation ranges from about 6000 to 8000 ft. above sea level.

Access is provided by Mt. Lemmon Highway via Tucson, and Oracle Control Road via Oracle. There are numerous subdivision roads in the vicinity.

There are thick stands of timber, the predominant species being pine, interspersed with fir and oak.

No recent mining activity was noted.

The principal use of the area is outdoor recreation. There are numerous year round residences and summer homes in the area.

The mean magnetic declination is 12 1/2° E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

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Steven B. Walton	Surveying Aid

CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 10th day of November, 1992, I have dependently resurveyed a portion of the south and west boundaries, a portion of the subdivisional lines, and the subdivision of certain sections, and have performed a metes-and-bounds survey in sections 30 and 31, Township 11 South, Range 16 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.

9/11/93
(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 portion of the south and west boundaries, a portion of the subdivisional lines, and the subdivision of certain sections, and a metes-and-bounds survey in sections 30 and 31, Township 11 South, Range 16 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

SEP 14 1993
(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. 11 S., R. 16 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~