Book 5686

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

SURVEY

OF

THE SOUTH AND NORTH

BOUNDARIES,

AND

THE SUBDIVISIONAL LINES,

TOWNSHIP 31 NORTH, RANGE 24 EAST,

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

EXECUTED BY

Jones Curtiss, Cadastral Surveyor

Under Special Instructions dated and approved August 14, 2000, and Supplemental Special Instructions dated and approved January 22, 2001, which provided for the surveys included under Group Number 855 and assignment instructions dated August 14, 2000.

Survey Commenced February 12, 2001
Survey Completed March 6, 2001

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TOWNSHIP 31 NORTH, RANGE 24 EAST,

GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of the south and north boundaries, and the subdivisional lines, Township 31 North, Range 24 East, Gila and Salt River Meridian, Arizona.

The west boundary, identical with the Sixth Guide Meridian East, T. 30 N., R. 25 E., was surveyed by William F. Olver and Patrick S. Twohy in 1990-91. The Sixth Guide Meridian East, (west boundary), T. 31 N., R. 25 E., was surveyed by Leonard R. Sandoval in 1990-91. The east boundary of T. 31 N., R. 23 E. was surveyed by Leonard R. Sandoval, in 2000, concurrently under this same group.

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, the Special Instructions dated August 14, 2000, and the Supplemental Special Instructions dated January 22, 2001, for Group No. 855, Arizona.

The true meridian directions and lengths of all lines were determined by real time kinematic and static global positioning system observations using Trimble 4400 and 4700 model receivers.

Geodetic control was derived from first order or better U. S. Coast and Geodetic Survey triangulation stations "BEAUTIFUL 1951" and "KEAMS 1951", as published by the National Geodetic Survey, NAD83(1992). The geographic position of the southeast corner of the township is as follows:

Latitude: 36°02'29.40" N. Longitude: 109°42'28.94" W.

The mean magnetic declination is 12° E.

Survey of the South Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Beginning at the cor. of Tps. 30 and 31 N., Rs. 24 and 25 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T31N R24E R25E S36 S31 S1 S6 T30N 1990. Add the marks 2001 to the brass cap. West, bet. secs. 1 and 36. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S36 1/4 —— S 1 T30N 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 1, 2, 35 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S35 | S36 ———|——— S 2 | S 1 T30N 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 2 and 35. Over rolling land.

Survey of the South Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 2 and 35. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S35 1/4 —— S 2 T3ON 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 2, 3, 34 and 35. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S34 | S35 ——— | ——— S 3 | S 2 T3ON 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 3 and 34. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 34. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S34 1/4 —— S 3 T3ON 2001

Survey of the South Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S33 | S34 S 4 | S 3 T30N 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 4 and 33.
	Over rolling land.
39.10	Wash, 4 ft. wide, 1 ft. deep, drains ENE.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, atop a steel fence post, 6 ft. long, with brass cap mkd.
	T31N R24E S33 1/4 S 4 T30N 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 20 lks. N. of a wash, 4 ft. wide, 1 ft. deep, drains ENE; thence over broken land, on ascent.
48.10	Base of W. slope of a small valley, bears NE and SW.

Survey of the South Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
55.60	W. rim of same valley, bears NNE and SSW; thence over rolling land.
80.00	Point for the cor. of secs. 4, 5, 32 and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S32 | S33 ———|——— S 5 | S 4 T30N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, rolling and broken. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 5 and 32. Over rolling land.
10.58	Navajo Route 251, asphalt pavement, 26 ft. wide, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S32 1/4 —— S 5 T30N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 5, 6, 31 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the South Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T31N R24E S31 | S32 S 6 | S 5 T30N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 6 and 31. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S31 1/4 S 6 T30N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
78.87	The cor. of Tps. 30 and 31 N., Rs. 23 and 24 E., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the south boundary, T. 31 N., R. 23 E., executed concurrently under this same group. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.

Survey of the North Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of Tps. 31 and 32 N., Rs. 24 and 25 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T32N R24E R25E S36 S31 S1 S6 T31N 1990. Add the marks 2001 to the brass cap. West, bet. secs. 1 and 36. Over rolling and broken land.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T32N R24E S36 1/4 —— S 1 T31N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 1, 2, 35 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T32N R24E S35 | S36 ———|——— S 2 | S 1 T31N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, rolling and broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	West, bet. secs. 2 and 35. Over rolling land.

Survey of the North Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 2 and 35. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T32N R24E S35 1/4 —— S 2 T31N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 2, 3, 34 and 35. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T32N R24E S34 | S35 —————— S 3 | S 2 T31N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 2.50 chs. E. of a trail road, bears SSE and NNW. From this cor. point, the pump shaft of a windmill, bears S. 21°26′ E., 8.15 chs. dist. Land, rolling. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	West, bet. secs. 3 and 34. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 34. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the North Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T32N R24E S34 1/4 —— S 3 T31N 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
47.85	Trail road, bears NNE and SSW.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T32N R24E S33 | S34 —————— S 4 | S 3 T31N 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 4 and 33.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T32N R24E S33 1/4 —— S 4 T31N 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the North Boundary,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
80.00	Point for the cor. of secs. 4, 5, 32 and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T32N R24E S32 | S33 S 5 | S 4 T31N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 5 and 32. Over rolling and broken land.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T32N R24E S32 1/4 S 5 T31N 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 5, 6, 31 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T32N R24E S31 | S32 S 6 | S 5 T31N 2001

Survey of the North Boundary,
T. 31 N., R. 24 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. Land, rolling and broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	West, bet. secs. 6 and 31. Over rolling and broken land.
26.30	High voltage transmission line, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T32N R24E S31 1/4 —— S 6 T31N 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Cor. is located 40 lks. E. of a white sandstone cliff, 20 ft. high, bears NE and SW.
78.34	The cor. of Tps. 31 and 32 N., Rs. 23 and 24 E., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 31 N., R. 23 E., executed concurrently under this same group. Cor. is located on S. edge of a wash, 3 ft. wide, 3 ft. deep, drains W. in curve to right. Land, rolling and broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	Survey of the Subdivisional Lines, T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., hereinbefore described. N. 0°01′ W., bet. secs. 35 and 36. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 35 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S35 | S36 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 25, 26, 35 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S26 | S25 S35 | S36 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam. firmly set, projecting 4 ins. above ground, with brass cap mkd. T31N R24E R25E S25 S30 S36 S31 1990. Add the marks 2001 to the brass cap. West, bet. secs. 25 and 36. Over rolling land.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 25 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S25 1/4 —— S36 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 25, 26, 35 and 36. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 25 and 26. Over rolling and broken land.
39.30	N. rim of a canyon, atop sandstone cliff, bears E. and W.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 26. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in sandstone bedrock, with brass cap mkd. T31N R24E 1/4 S26 | S25 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located on a sandstone outcrop, 15 lks. S. of S. rim of a canyon, bears NNE and SSW.
80.00	Point for the cor. of secs. 23, 24, 25 and 26. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T31N R24E S23 | S24 S26 | S25 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Cor. is located in a faint trail road, bears N. and S. Land, rolling and broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam. firmly set, projecting 5 ins. above ground, with brass cap mkd. T31N R24E R25E S24 S19 S25 S30 1990. Add the marks 2001 to the brass cap. West, bet. secs. 24 and 25. Over rolling and broken land.
33.40	E. rim of a small valley, bears N. and S.
37.40	Base of E. slope of same valley, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 24 and 25. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S24 1/4 —— S25 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
54.60	Base of W. slope of a small valley, bears NE and SW.
56.00	W. rim of same valley, bears SSE and NNW.
80.00	The cor. of secs. 23, 24, 25 and 26.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 23 and 24.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 23 and 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S23 | S24 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Thence over nearly level land.
61.86	Navajo Route 4, asphalt pavement, 42 ft. wide, bears E. and W.
65.50	Power line, bears E. and W.
80.00	Point for the cor. of secs. 13, 14, 23 and 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S14 | S13 S23 | S24 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling to nearly level. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T31N R24E R25E S13 S18 S24 S19 1990. Add the marks 2001 to the brass cap. S. 89°59′ W., bet. secs. 13 and 24. Over nearly level land.
40.00	Point for the 1/4 sec. cor. of secs. 13 and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S13 1/4 —— S24 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. From this cor. point, a third order U. S. Geological Survey benchmark, bears S. 37°19′ E., 15.25 chs. dist., monumented with a standard aluminum disk, 3 1/2 ins. diam., set flush in a concrete collar, 6 ins. square, firmly set, projecting 10 ins. above ground, with top mkd. 5709 24 DOR 1972.
80.00	The cor. of secs. 13, 14, 23 and 24. Land, nearly level. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 13 and 14. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 13 and 14.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S14 | S13 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
46.00	Cottonwood Wash, 80 ft. wide, 15 ft. deep, drains ESE; thence over nearly level land.
80.00	Point for the cor. of secs. 11, 12, 13 and 14. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S11 | S12 S14 | S13 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Land, rolling to nearly level. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., monumented with a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case, set 24 ins. below the surface of the ground; there is no remaining evidence of the original stainless steel post. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, atop recovered magnetic marker, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T31N R24E | R25E S12 | S 7 S13 | S18 2001
	from which the original reference monuments
	A stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, bears S. 20°55′ E., 106.2 ft. dist., with brass cap corrected to read T31N R25E S18 RM 106.2 FT TO COR 1990 and an arrow pointing to the cor. Add the marks 2001 to the brass cap.
	A stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, bears N. 14°01′ W., 34.7 ft. dist., with brass cap mkd. T31N R24E S12 RM 34.7 FT. TO COR. 1990 and an arrow pointing to the cor. Add the marks 2001 to the brass cap.
	Cor. is located in the bed of an inactive wash, 90 ft. wide, 10 ft. deep, formerly drained NE. Cottonwood Wash has been diverted northerly by an earthen levee and now drains into a broad flood plain with no identifiable banks or center.
	S. 89°59′ W., bet. secs. 12 and 13.
	Over nearly level land.
18.80	Earthen levee, 5 ft. high, bear NE and SW.
19.20	Right bank of Cottonwood Wash, 15 ft. high, bears ENE and WSW; thence across bed of Cottonwood Wash.
28.80	Left bank of Cottonwood Wash, 15 ft. high, bears ENE and WSW; thence leave wash.
40.00	Point for the 1/4 sec. cor. of secs. 12 and 13.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S12 1/4 —— S13 2001

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
51.40	Earthen levee, 6 ft. high, bears NNE and SSW.
80.00	The cor. of secs. 11, 12, 13 and 14.
	Land, nearly level. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 11 and 12.
	Over nearly level land.
40.00	Point for the 1/4 sec. cor. of secs. 11 and 12.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S11 | S12 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
65.40	Base of a sandstone cliff, bears NE and SW; thence over broken land, on abrupt ascent.
67.30	S. rim of a sandstone ridge, bears NE and SW; known as Red Rock Rim.
71.80	N. rim of same sandstone ridge, bears ENE and WSW; thence descend abruptly.
79.30	Base of a steep sandstone slope, bears SSE and NNW; thence ascend abruptly.
80.00	True point for the cor. of secs. 1, 2, 11 and 12, falls on face of a sandstone cliff, bears SSE and NNW, where it is impracticable to establish a monument.
	From this true cor. point, the point selected for the witness cor. to the cor. of secs. 1, 2, 11 and 12, bears N. 20°00′ E., 0.60 ch. dist.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in sandstone bedrock, with brass cap mkd.
	WC T31N R24E S 2 | S 1 S11 | S12 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	True point is located 1.80 chs. E. of W. rim of a sandstone ridge, identical with E. rim of a small valley, bears NNE and SSW.
	Land, nearly level to broken and rolling. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam. firmly set, projecting 4 ins. above ground, with brass cap mkd. T31N R24E R25E S1 S6 S12 S7 1990.
	Add the marks 2001 to the brass cap.
	S. 89°59′ W., bet. secs. 1 and 12.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 12.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S 1 1/4 —— S12 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
75.10	E. rim of a sandstone ridge, atop sandstone cliff, bears NNE and SSW; known as Red Rock Rim.

Survey of the Subdivisional Lines,
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CHAINS	
80.00	The true point for the cor. of secs. 1, 2, 11 and 12. Land, rolling to broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 1 and 2. Over broken and rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 2. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S 2 | S 1 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.02	The cor. of secs, 1, 2, 35 and 36, on the N. bdy. of the Tp., hereinbefore described. Land, broken and rolling. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described. N. 0°01′ W., bet. secs. 34 and 35. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 34 and 35. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S34 | S35 2001

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CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 26, 27, 34 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S27 | S26 S34 | S35 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 25, 26, 35 and 36.
	West, bet. secs. 26 and 35.
	Over rolling and broken land.
40.00	Point for the 1/4 sec. cor. of secs. 26 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in sandstone bedrock, with brass cap mkd.
	T31N R24E S26 1/4 S35 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 26, 27, 34 and 35.
	Land, rolling and broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 26 and 27.

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CHAINS	
	Over rolling land.
39.50	Trail road, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 26 and 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S27 | S26 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Thence over nearly level land.
80.00	Point for the cor. of secs. 22, 23, 26 and 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S22 | S23 ---+--- S27 | S26 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling to nearly level. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 23, 24, 25 and 26.
	West, bet. secs. 23 and 26.
	Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 23 and 26.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

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CHAINS	
	T31N R24E S23 1/4 —— S26 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 22, 23, 26 and 27.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 22 and 23.
	Over rolling land.
36.22	Navajo Route 4, asphalt pavement, 43 ft. wide, bears ENE and WSW.
40.00	Point for the 1/4 sec. cor. of secs. 22 and 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S22 | S23 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 30 lks. S. of a power line, bears ENE and WSW.
	From this cor. point, a third order U. S. Geological Survey benchmark, bears S. 68°20′ W., 18.77 chs. dist., monumented with a standard aluminum disk, 3 1/2 ins. diam., set flush in a concrete collar, 6 ins. square, firmly set, projecting 6 ins. above ground, with top mkd. 5862 22 DOR 1972.
80.00	Point for the cor. of secs. 14, 15, 22 and 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
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CHAINS	
	T31N R24E S15 | S14 S22 | S23 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 13, 14, 23 and 24. West, bet. secs. 14 and 23. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 14 and 23. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S14 1/4 —— S23 2001 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, a third order U. S. Geological Survey benchmark, bears S. 50°29′ E., 24.29 chs. dist., monumented with a standard aluminum disk, 3 1/2 ins. diam., set flush in a concrete collar, 6 ins. square, firmly set, projecting 7 ins. above ground, with top mkd. 5738 23 DOR 1972.
80.00	The cor. of secs. 14, 15, 22 and 23. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 14 and 15. Over gently rolling land.

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CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 14 and 15. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S15 | S14 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Cor. is located 45 lks. S. of a trail road, bears ENE and WSW.
70.00	Cottonwood Wash, 60 ft. wide, 15 ft. deep, drains SSE.
73.80	Cottonwood Wash, 60 ft. wide, 15 ft. deep, drains WSW.
76.10	Cottonwood Wash, 50 ft. wide, 15 ft. deep, drains SSE.
80.00	Point for the cor. of secs. 10, 11, 14 and 15. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S10 | S11 S15 | S14 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 11, 12, 13 and 14. West, bet. secs. 11 and 14. Over rolling and broken land.
40.00	Point for the 1/4 sec. cor. of secs. 11 and 14. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T31N R24E S11 1/4 —— S14 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 10, 11, 14 and 15.
	Land, rolling and broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 10 and 11.
	Over rolling land.
7.40	Base of a sandstone cliff, bears ESE and WNW; thence over broken land, on abrupt ascent.
13.70	S. rim of a sandstone mesa, bears SSE and NNW; thence over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 10 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S10 | S11 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 2, 3, 10 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S 3 | S 2 ——|—— S10 | S11 2001

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T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, rolling and broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	From the true point for the cor. of secs. 1, 2, 11 and 12. West, bet. secs. 2 and 11. Over broken to rolling land, on abrupt descent into a small valley.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 11. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 2 1/4 —— S11 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 2, 3, 10 and 11. Land, broken to rolling. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 2 and 3. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 3. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S 3 | S 2 2001

Survey of the Subdivisional Lines,
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CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.02	The cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., hereinbefore described. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinbefore described. N. 0°02′ W., bet. secs. 33 and 34. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 33 and 34. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S33 | S34 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S28 | S27 S33 | S34 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

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T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 26, 27, 34 and 35.
	West, bet. secs. 27 and 34.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 27 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S27 1/4 —— S34 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 27, 28, 33 and 34.
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 27 and 28.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 27 and 28.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S28 | S27 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. below the surface of the ground, with brass cap mkd. T31N R24E S21 | S22 S28 | S27 2001 from which A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 15°00′ E., 60.0 ft. dist., with brass cap mkd. T31N R24E S27 RM 60.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 15°00′ W., 140.0 ft. dist., with brass cap mkd. T31N R24E S21 RM 140.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post at the sec. cor. Cor. is located 65 lks. S. and 2.60 chs. E. of center of Navajo Route 4, asphalt pavement, 42 ft. wide, bears ENE in curve to left. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 22, 23, 26 and 27. West, bet. secs. 22 and 27. Over rolling and broken land.
40.00	Point for the 1/4 sec. cor. of secs. 22 and 27. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
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CHAINS	
	T31N R24E S22 1/4 —— S27 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located in an area of drift sand and sandstone outcrops.
80.00	The cor. of secs. 21, 22, 27 and 28.
	Land, rolling and broken. Soil, sand and sandy clay with sandstone outcrops. No timber; scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 21 and 22.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 21 and 22.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S21 | S22 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.35 chs. S. of a trail road, bears NE and SW.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S16 | S15 ——|—— S21 | S22 2001

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CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Cor. is located 25 lks. S. of a trail road, bears NE and SW. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 14, 15, 22 and 23. West, bet. secs. 15 and 22. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 15 and 22. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S15 1/4 —— S22 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 15, 16, 21 and 22. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 15 and 16. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 15 and 16. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S16 | S15 2001

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CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
75.60	Cottonwood Wash, 50 ft. wide, 15 ft. deep, drains E.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 9 | S10 S16 | S15 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 10, 11, 14 and 15.
	West, bet. secs. 10 and 15.
	Over nearly level land.
3.50	Cottonwood Wash, 40 ft. wide, 12 ft. deep, drains SE.
40.00	Point for the 1/4 sec. cor. of secs. 10 and 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S10 1/4 S15 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
69.50	Cottonwood Wash, 80 ft. wide, 15 ft. deep, drains NNE.
80.00	The cor. of secs. 9, 10, 15 and 16.

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CHAINS	
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 9 and 10.
	Over gently rolling land, on gradual ascent.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 10.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S 9 | S10 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
63.20	Graded road, 15 ft. wide, bears ENE and WSW.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd. T31N R24E S 4 | S 3 S 9 | S10 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 2, 3, 10 and 11.
	West, bet. secs. 3 and 10.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 10.

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CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 3 1/4 —— S10 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 1.25 chs. S. of a trail road, bears E. and W.
53.60	Bladed road, 10 ft. wide, bears NNE and SSW.
80.00	The cor. of secs. 3, 4, 9 and 10. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 3 and 4. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 4. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S 4 | S 3 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.01	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., hereinbefore described. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described.

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CHAINS	
	N. 0°03′ W., bet. secs. 32 and 33.
	Over rolling land.
9.78	Navajo Route 251, asphalt pavement, 26 ft. wide, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S32 | S33 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S29 | S28 ———|——— S32 | S33 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 27, 28, 33 and 34.
	West, bet. secs. 28 and 33.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

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CHAINS	
	T31N R24E S28 1/4 —— S33 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
53.64	Navajo Route 251, asphalt pavement, 26 ft. wide, bears NNE and SSW.
80.00	The cor. of secs. 28, 29, 32 and 33.
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°03′ W., bet. secs. 28 and 29.
	Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S29 | S28 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
78.15	Navajo Route 4, asphalt pavement, 26 ft. wide, bears E. and W.
79.95	Power line, bears ENE and WSW.
80.00	Point for the cor. of secs. 20, 21, 28 and 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T31N R24E S20 | S21 S29 | S28 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. From this cor. point, a third order U. S. Geological Survey benchmark, bears S. 89°06′ W., 7.07 chs. dist., monumented with a standard aluminum disk, 3 1/2 ins. diam., set flush in a concrete collar, 6 ins. square, firmly set, projecting 12 ins. above ground, with top mkd. 5911 20 DOR 1972. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 21, 22, 27 and 28. West, bet. secs. 21 and 28. Over gently rolling land.
24.44	Navajo Route 251, asphalt pavement, 26 ft. wide, bears N. and S.
40.00	Point for the 1/4 sec. cor. of secs. 21 and 28. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S21 1/4 —— S28 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 30 lks. S. of a power line; and 1.34 chs. N. of center of Navajo Route 4, asphalt pavement, 26 ft. wide, both bear E. and W.
80.00	The cor. of secs. 20, 21, 28 and 29.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°03′ W., bet. secs. 20 and 21. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 21. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S20 | S21 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S17 | S16 S20 | S21 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 1.00 ch. S. and 2.90 chs. E. of a trail road, bears ENE and WSW. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21. Over gently rolling land.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 16 and 21. Set a P-K nail, flush with surface of asphalt pavement of Navajo Route 251. from which A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 65°00′ E., 40.0 ft. dist., with brass cap mkd. T31N R24E 1/4 S16 RM 40.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 65°00′ W., 60.0 ft. dist., with brass cap mkd. T31N R24E 1/4 S21 RM 60.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 16 lks. E. of center of Navajo Route 251, asphalt pavement, 26 ft. wide, bears SSE and NNW.
80.00	The cor. of secs. 16, 17, 20 and 21. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°03′ W., bet. secs. 16 and 17. Over rolling to nearly level land.
40.00	Point for the 1/4 sec. cor. of secs. 16 and 17. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S17 | S16 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
45.50	Cottonwood Wash, 20 ft. wide, 10 ft. deep, drains ESE.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
77.57	Navajo Route 251, asphalt pavement, 26 ft. wide, bears ESE and WNW.
80.00	Point for the cor. of secs. 8, 9, 16 and 17. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 8 | S 9 S17 | S16 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. From this cor. point, a T-rail, firmly set, projecting 25 ins. above ground, on N. right-of-way of Navajo Route 251, bears S. 89°45′ W., 5.12 chs. dist., mkd. STA. P.O.T. 685+28.65 on a side. Land, rolling to nearly level. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 9, 10, 15 and 16. West, bet. secs. 9 and 16. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 16. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 9 1/4 —— S16 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
45.80	Graded road, 20 ft. wide, bears NNE and SSW.
80.00	The cor. of secs. 8, 9, 16 and 17.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°03′ W., bet. secs. 8 and 9. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 8 and 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S 8 | S 9 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 4, 5, 8 and 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 5 | S 4 S 8 | S 9 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Cor. is located in a low area, 60 lks. W. of W. rim of a clay outcrop, 10 ft. high, bears NNE and SSW; 1.65 chs. E. of E. rim of another clay outcrop, 10 ft. high, bears N. and S.; and 3.00 chs. S. of S. rim of another clay outcrop, 10 ft. high, bears E. and W. Land, gently rolling. Soil, sand and sandy clay with bare clay outcrops. No timber; scattered brush and native grasses.
	From the cor. of secs. 3, 4, 9 and 10. West, bet. secs. 4 and 9.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S 4 1/4 —— S 9 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 45 lks. N. of a trail road, bears E. and W.
80.00	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling. Soil, sand and sandy clay with bare clay outcrops. No timber; scattered brush and native grasses.
	N. 0°03′ W., bet. secs. 4 and 5.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 5.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S 5 | S 4 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.01	The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., hereinbefore described.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sand and sandy clay with bare clay outcrops. No timber; scattered brush and native grasses.
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described. N. 0°03′ W., bet. secs. 31 and 32. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 31 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S31 | S32 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 29, 30, 31 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S30 | S29 S31 | S32 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 28, 29, 32 and 33. West, bet. secs. 29 and 32. Over gently rolling land.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 29 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S29 1/4 —— S32 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 29, 30, 31 and 32. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 30 and 31. Over gently rolling land.
40.00	Point for the 1/4 sec. cor, of secs. 30 and 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S30 1/4 —— S31 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
65.60	Apache County Road C439, a graded road, 20 ft. wide, bears NE and SW.
78.78	The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 31 N., R. 23 E., executed concurrently under this same group.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 29, 30, 31 and 32.
	N. 0°03′ W., bet. secs. 29 and 30.
	Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E 1/4 S30 | S29 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
77.17	Navajo Route 4, asphalt pavement, 24 ft. wide, bears E. and W.
79.20	Power line, bears E. and W.
80.00	Point for the cor. of secs. 19, 20, 29 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R24E S19 | S20 S30 | S29 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	From this cor. point, a third order U. S. Geological Survey benchmark, bears S. 83°44′ W., 7.91 chs. dist., monumented with a standard aluminum disk, 3 1/2 ins. diam., set flush in a concrete collar, 6 ins. square, firmly set, projecting 6 ins. above ground, with top mkd. 5954 19 DOR 1972.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 20, 21, 28 and 29. West, bet. secs. 20 and 29. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 29. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S20 1/4 —— S29 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 40 lks. N. of a power line; and 2.31 chs. N. of center of Navajo Route 4, asphalt pavement, 24 ft. wide, both bear E. and W.
80.00	The cor. of secs. 19, 20, 29 and 30. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 19 and 30. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S19 1/4 —— S30 2001

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 1.20 chs. N. of a power line; and 3.30 chs. N. of center of Navajo Route 4, asphalt pavement, 24 ft. wide, both bear E. and W.
78.70	The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 31 N., R. 23 E., executed concurrently under this same group. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 19, 20, 29 and 30. N. 0°03′ W., bet. secs. 19 and 20. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 20. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S19 | S20 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 17, 18, 19 and 20. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S18 | S17 S19 | S20 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 16, 17, 20 and 21. West, bet. secs. 17 and 20. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 20. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S17 1/4 S20 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 17, 18, 19 and 20. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 18 and 19. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 18 and 19. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S18 1/4 S19 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
78.61	The cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 31 N., R. 23 E., executed concurrently under this same group. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 17, 18, 19 and 20. N. 0°03′ W., bet. secs. 17 and 18. Over gently rolling land.
20.80	Cottonwood Wash, 50 ft. wide, 12 ft. deep, drains ENE.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S18 | S17 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 7, 8, 17 and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 7 | S 8 S18 | S17 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 8, 9, 16 and 17. West, bet. secs. 8 and 17. Over rolling land.
7.76	Navajo Route 251 asphalt pavement, 21 ft. wide, bears ESE and WNW.
40.00	Point for the 1/4 sec. cor. of secs. 8 and 17. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 8 1/4 —— S17 2001 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 7, 8, 17 and 18. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 7 and 18. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 7 and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 7 1/4 —— S18 2001

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
78.52	The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 31 N., R. 23 E., executed concurrently under this same group. Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 7, 8, 17 and 18. N. 0°03′ W., bet. secs. 7 and 8. Over rolling land.
22.69	Navajo Route 251, asphalt pavement, 23 ft. wide, bears ESE and WNW.
40.00	Point for the 1/4 sec. cor. of secs. 7 and 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S 7 | S 8 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 5, 6, 7 and 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 6 | S 5 S 7 | S 8 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Survey of the Subdivisional Lines,
T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 4, 5, 8 and 9. West, bet. secs. 5 and 8. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 5 1/4 —— S 8 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 5, 6, 7 and 8. Land, gently rolling. Soil, sand and sandy clay with bare clay outcrops at east end. No timber; scattered brush and native grasses.
	West, bet. secs. 6 and 7. Over rolling land.
33.40	Apache County Road C418, a graded road, 20 ft. wide, bears ENE and WSW.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 7. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E S 6 1/4 —— S 7 2001

Survey of the Subdivisional Lines,
T. 31 N., R. 24 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.
78.43	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 31 N., R. 23 E., executed concurrently under this same group. Cor. is located on the NE slope of a small hill. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 5, 6, 7 and 8. N. 0°03′ W., bet. secs. 5 and 6. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 6. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T31N R24E 1/4 S 6 | S 5 2001 Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
45.20	Graded road, 20 ft. wide, bears NE and SW.
80.00	The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., hereinbefore described. Land, rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.

T. 31 N., R. 24 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area surveyed is approximately 4 miles east of the community of Cottonwood, Arizona. The terrain is mostly rolling. The drainage is easterly, with Cottonwood Wash being the principal drainage.

The elevation varies from 5700 to 6200 feet above sea level. The soil is mostly sand and sandy clay. Vegetation principally consists of scattered brush and native grasses.

Principal access is provided by Navajo Route 4, a paved highway, which enters the township in section 24 and exits in section 30. Another paved highway, Navajo Route 251, enters the township in section 7, and intersects Navajo Route 4 in section 28. There are graded roads and trail roads throughout the township. Much of the area is used for grazing livestock. There are permanent homesites throughout the township. There is no current mining activity in the township.

The mean magnetic declination of 12° E. was derived from the computer program GEOMAGIX utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Daniel Bryan	Engineering Technician
Wilfred Chee	Engineering Technician
Edward Clarke	Engineering Technician
Reuben Mason	Engineering Technician
Barney Woodie	Engineering Technician

CERTIFICATE OF SURVEY

I, Jones Curtiss, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 14th day of August, 2000, and Supplemental Special Instructions bearing date of the 22nd day of January, 2001, I have surveyed the south and north boundaries, and the subdivisional lines, Township 31 North, Range 24 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 surveys have been made in strict conformity with said Special Instructions, Supplemental Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

February 05, 2004 (Date)

Jones Curtiss (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the survey of the south and north boundaries, and the subdivisional lines, Township 31 North, Range 24 East, Gila and Salt River Meridian, Arizona, executed by Jones Curtiss, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

February 10, 2004 (Date)

Kenny A Lawnkar (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. 31 N., R. 24 E., ~~Gila~~ and Salt River Meridian, Arizona, is a true copy of the original field notes.

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