ORIGINAL

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE FIRST STANDARD PARALLEL NORTH(NORTH BOUNDARY),

A PORTION OF THE EAST BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTIONS 1, 2 AND 12

AND

THE METES-AND-BOUNDS SURVEYS IN SECTION 2,

TOWNSHIP 4 NORTH, RANGE 3 WEST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA

EXECUTED BY

Gordon R. Bubel and Rosendo Ramos Serrano, Cadastral Surveyors

Under Special Instructions dated, October 24, 2019 approved October 24, 2019 which provided for the surveys included under Group No. 1199, and Assignment Instructions dated October 24, 2019.

Survey commenced October 29, 2019

Survey completed January 15, 2020

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T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

Chains

The following field notes describe the dependent resurvey of a portion of the First Standard Parallel North (North Boundary), a portion of the east boundary, a portion of the subdivisional lines, the subdivision of sections 1, 2 and 12 and the metes-and-bounds surveys in section 2, Township 4 North, Range 3 West, Gila and Salt River Meridian, Arizona.

The survey was requested by Luke Air Force Base, to identify the lands leased, acquired and or relinquished for the operation of Luke Air Force Base Auxiliary Field No. 1.

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

In 1867, the First Standard Parallel North, through Ranges 2 and 3 West, was surveyed by William H. Pierce. In 1909, The First Standard Parallel North, through Range 3 West, was resurveyed by John F. Hesse. In 1916, The First Standard Parallel through Range 3 West and a portion of Range 2 West, was independently resurveyed by Woodbury Abbey et. al.

In 1894, the east boundary was surveyed by Albert T. Colton.

In 1916, this boundary was resurveyed by Woodbury Abbey et. al.

In 1915, the subdivision lines were surveyed by Gill and Voight.

A compilation of realty transactions, relevant to the bounds of Luke Air Force Base Auxiliary Field No. 1 follows:

In 1943, under the powers of eminent domain, the U.S. under the request from the Secretary of War, acquired fee simple title to lots 3 and 4, the S1/2 of the NW 1/4 and the SW 1/4 all in section 1, T.4 N., R. 3 W. and the N 1/2 of the NW 1/4 in sec. 12, T. 4 N., R. 3 W. The Declaration of Taking, for this condemnation (case number Civ-370 Phoenix), is recorded in The Maricopa County Recorder's Office under recording no. 19430319.

In 1949, the U.S., quit claimed the above lands to the state of Az. The quit claim deed is recorded in the Maricopa County Recorder's Office under recording no. 19490013811. At present these lands are leased by the USAF from the state of Az.

In 1952, under the powers of eminent domain, the U.S., under the request from the Secretary of the Air Force, acquired fee simple title to S 1/2 of the SE 1/4 section 1 and the NW 1/4 of sec. 12, both in T. 4 N., R. 3 W. These aliquot parts, were acquired from private parties, as per civil case number 1757, The Declaration of Taking was executed on 14 April 1952. Under this same civil case, the U.S. acquired from the state of AZ. the following: E 1/2 of the W 1/2 of the NW 1/4, W 1/2 of the E 1/2 of the NW 1/4, the NE 1/4 of the NW 1/4 of SW 1/4 and the NW 1/4 of the NE 1/4 of the SW 1/4, all in sec. 2, T. 4 N., R. 3 W.

T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

Chains

In T. 4 N. R. 2 W., section 7, the W 1/2 of the NW 1/4. The Declaration of Taking was executed on 31 December 1952.

In 1978, the United State Air Force, granted a permit for reclamation purposes to the United States Department of the Interior. This document, with attached legal description, permits the Bureau of Reclamation, to operate construct and maintain the Granite Reef Aqueduct portion of the Central Arizona Project, within land titled to United States Air Force. On file with the United State Air Force, as PERMIT NO. DACA09-4-79-114, with Exhibits.

In 1978, the U.S., acting by and through the Secretary of the Interior, via Deed of Relinquishment acquired 2 parcels of land in section 2, T. 4 N., R. 3 W. from the State of Az. These parcels, were deemed necessary for the construction, operation and maintenance of the Granite Reef Aqueduct portion of the Central Arizona Project. Portions of these parcels are bounded by USAF patented land. Recorded under recording no. 19780920, in the Maricopa County Recorder's Office.

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, 2009, and the Special Instructions dated October 24, 2019, for Group Number 1199, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation R10-2 model receivers.

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

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations DN4496 AZUP USERY MOUNTAIN PK CORS ARP, DL6010 AZSV STAR VALLEY CORS ARP, DN6063 AZST SAN TAN PARK CORS ARP.

The NAD 83 (2011) (EPOCH: 2010), geographic position of the 1/4 section corner of sections 12 and 13, is as follows:

Latitude: 33°41'48.998" N. Longitude: 112°31'17.710" W

The NAD 83 (2011) (EPOCH: 2010), geographic position of the northwest corner of sections 2, is as follows:

Latitude: 33°43'26.912" N. Longitude: 112°32'51.003" W.

T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

Chains

The mean magnetic declination is 10.25° E.

Dependent Resurvey of the First Standard Parallel North,
(North Boundary) through a portion of Range 2 West,
Gila and Salt River Meridian, Arizona

Restoring the resurvey executed by Roy J. Gill and Hans D. Voight, U.S. Transitmen in 1916

Beginning at the stan. cor. of T. 5 N., Rs. 2 and 3 W., reestablished in 2002 by Scott A. Nelson, Arizona R.L.S. No. 21782, utilizing lot pins, referencing the original GLO monument. The origin of the lot pins is found in the survey recorded in the Maricopa County Recorder's Office (hereinafter MCRO), in book 159, page 33. Monumented with a 5/8 in. diam. stainless steel rod, firmly set, flush with the ground, with attached 3 ins. diam. brass cap, marked T5N R3W R2W S36 S31 T4NR3W S1 2002 RLS 21782. Accepted as careful and faithful determination of the cor. position.

The record of survey that includes this cor., is recorded in the MCRO, in book 686, page 42.

From this cor., a rebar, 1/2 in. diam., with attached 1 in. diam., aluminum cap, marked U/E RLS 25070, bears S. 79°09' E., 1.5 lks. dist.

N. 89°55′ W., on the S. bdy. of sec. 36.

Across, nearly level land, within patented land.

24.55

The 1/4 sec. cor. of sec. 1 only, T. 4 N., R. 3 W., established in 1995 by Dean E. Crouse, Arizona R.L.S. No. 25070, as per an unrecorded survey. Remonumented in 1995 by the Maricopa County Department of Transportation (hereinafter MCDOT), with a 3 ins. diam., brass cap, set 6 ins. below the surface, seated in concrete, with cap mkd. Maricopa County D.O.T. T5N R3W RLS 25070 1/4 S1 CC T4N R3W 1995. Accepted as careful and faithful determination of the cor. position.

A steel fence post is set 1 lk. N., of the cor.

N. $89^{\circ}58'$ W., beginning new measurement. On the N. bdy. of land leased by Luke Air Force Base (hereinafter LAFB), from the state of Az.

15.48

The stan. 1/4 sec. cor. of sec. 36, reestablished in 1995 by Dean E. Crouse, Arizona R.L.S. No. 25070, as per an unrecorded survey. Remonumented in 1995 by the MCDOT, with a 3 ins. diam., brass cap, set 4 ins. below the surface, seated in concrete, with cap mkd.

	Gila and Salt River Meridian, Arizona
Chains	•
	Maricopa County D.O.T. SC T5N R3W 1/4 S36 T4N R3W RLS 25070 1995. Accepted as careful and faithful reestablishment of the original cor.
	Set a steel fence post, alongside the cor.
,	Cor. is located 20 lks. N. of a track road and 51 lks. N. of a barbed bed wire fence, both bear E. and W.
	N. 89°58' W., beginning new measurement.
	Continuing on the N. bdy. of land leased by LAFB, from the state of Az.
24.38	The closing cor. of secs. 1 and 2, T. 4 N., R. 3 W., reestablished in 1995 by Dean E. Crouse, Arizona R.L.S. No. 25070, as per an unrecorded survey. Remonumented in 1995 by the MCDOT, with a 3 ins. diam., brass cap, set 3 ins. below the surface, seated in concrete, with cap mkd. Maricopa County D.O.T. T5N R3W 2 1 CC T4N R3W LS 25070 1995. Accepted as careful and faithful reestablishment of the original cor.
	Cor. is located on the N. edge of track road, bears irregularly E. and W. and 51 lks. N. of a barbed wire fence, bears E. and W.
	N. 89°58' W., beginning new measurement.
	Continuing on the N. bdy. of land leased by LAFB, from the state of Az., in and along a track road.
15.65	The stan. cor. of secs. 35 and 36, monumented with a 5/8 in. diam. rebar, of unknown origin, recovered in 1995 by Dean E. Crouse, Arizona R.L.S. No. 25070, as per an unrecorded survey. Remonumented in 1995 by the MCDOT, with a 3 ins. diam., brass cap, set 6 ins. below the surface, seated in concrete, with cap mkd. Maricopa County D.O.T. T5N R3W 2 1 CC T4N R3W RLS 25070 1995. Accepted as careful and faithful reestablishment of the original cor.
	Cor. is located under a graded road, 45 lks. wide, bears E. and W., and 58 lks. N. of a barbed wire fence, bears E. and W.
	N. 89°58' W., on the S. bdy. of sec. 35.
	Continuing on the N. bdy. of land leased by LAFB, from the state of Az., in and along a graded road.
23.77	Angle Point 4, of a metes-and-bounds survey of Parcel 2, section 2, T. 4 N., R. 3 W. Monumented with a 3/4 in. diam. rebar, set 8 ins. below the surface, with attached 3 1/4 in. diam. aluminum cap mkd. Merrick & Co. Luke Aux. RLS 47302 2011. Established by

	Gila and Salt River Meridian, Arizona
Chains	
	Vernen Kalani Lee, Arizona R.L.S. No. 4732 in 2011. Accepted as careful and faithful establishment of the cor. position.
	Cor. is located on northerly edge of graded road in curve, tangents bear bears N. 80° E., and S. 70° W.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, bears N. 10°03' W., 14 lks. dist.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	The metes-and-bounds survey of Parcel 2, section 2, T. 4 N., R. 3 W., is hereinafter fully described.
	S. 89°58' W., beginning new measurement.
	Identical with line 4-5, of a metes-and-bounds survey of Parcel 2, section 2, T. 4 N., R. 3 W.
0.41	The 1/4 sec. cor. of sec. 2 only, T. 4 N., R. 3 W., identical with Angle Point 5, of a metes-and-bounds survey of Parcel 2, section 2, T. 4 N., R. 3 W. Established in 1995 by Dean E. Crouse, Arizona R.L.S. No. 25070, as per an unrecorded survey. Remonumented in 1995 by the MCDOT, with a 3 ins. diam., brass cap, set 8 ins. below the surface, seated in concrete, with cap mkd. Maricopa County D.O.T. T5N R3W 1/4 S1 CC T4N R3W RLS 25070 1995. Accepted as careful and faithful determination of the cor. position.
	Raised a mound of stone 3 ft. base, 1 1/2 ft. high N. of the cor.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, is set alongside the cor.
	Cor. is located on northerly edge of graded road in curve, tangents bear N. 80° E., and S. 70° W.
	N. 89°59' W., beginning new measurement.
	Identical with line 5-1, of a metes-and-bounds survey of Parcel 2, section 2, T. 4 N., R. 3 W.
0.84	Woven wire fence, topped with 3 strands of barbed wire, bears S. 64° W. and bears N. 64° E., for 1.20 chs. dist., thence N. 88° E.
	thence, across Central Arizona Project canal (hereinafter CAP), and infrastructure.
9.96	Point for the E-W 1/64 sec. cor. of sec. 2 only, T. 4 N., R. 3 W., identical with Angle Point 1, Section 2, of the metes-and-bounds survey of Parcel 2, section 2.
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	Gila and Salt River Meridian, Arizona
Chains	Set a stainless steel rod, 18 ins. long, 5/8 in. diam., 14 ins. in the ground, encircled with a collar of stone, with attached 3 1/2 ins. diam., brass cap mkd.
	T 5 N R 3 W
	E-W 1/64 S 2 T 4 N R 3 W
	2020
	Set a steel fence post, alongside the cor.
	Continuing measurement, within CAP infrastructure, on the N. bdy. of a tract of land, acquired by LAFB from the state of Az.
	Identical with a portion of the parcel of land, permitted to the United States Department of the Interior, Bureau of Reclamation, (hereinafter BOR), from the United States Air Force (hereinafter USAF).
12.00	Intersection of fences, barbed wire fences bears W., and a woven wire fence, topped with 3 strands of barbed wire, bearing N. 46° E. and S. 46° W.
12.065	Point for a cor. of the parcel of land, permitted to the BOR from the USAF.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	T 5 N R 3 W
	LAFB BOR
	S2 T 4 N R 3 W
	2019
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	The point for this cor., was originally established by David A. Rhine, Arizona R.L.S No. 24530, in 2010. The record of survey that includes this cor., is recorded in the MCRO in book 1048 at page 20. There is no remaining evidence of the original 1/2 in. diam. rebar.
	Continuing measurement on the N. bdy. of a tract of land, acquired by LAFB from the state of Az., in and along a barbed wire fence.

	Gila and Sait River Meridian, Arizona
Chains	
15.84	The stan. 1/4 sec. cor. of sec. 35, monumented with 1 in. diam., iron post, firmly set, projecting 13 ins. above ground, with brass cap mkd. SC 1/4 S35 1916.
	Add the marks 2019 to the brass cap.
	A steel fence post, is set 1.5 lks., W. of the cor.
	N. 89°59' W., beginning new measurement.
	Continuing on the N. bdy. of a tract of land, acquired by the U.S. from the state of Az.
4.08	Point for the W. 1/16 sec. cor. of sec. 2, only
	Not monumented.
14.04	The W-W 1/64 sec. cor. of sec. 2 only, T. 4 N., R. 3 W. Monumented with a 3/4 in. diam. rebar, firmly set, projecting 3 ins. above ground, with attached 3 1/4 in. diam. aluminum cap marked Merrick & Co. T4N R3W W-W 1/64 S2 RLS 47302 2011. Established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011. Accepted as careful and faithful establishment of the cor. position.
	A fiberglass sign post 2 1/2 ins. wide, projecting 48 ins. above ground, is set 1.5 lks. S. of the cor.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	N. 89°58' W., beginning new measurement.
	Between state of Az. land and patented land.
9.96	The closing cor. of secs. 2 and 3, T. 4 N., R. 3 W., monumented with a 2 ins. diam., iron post, firmly set, projecting 10 ins. above ground, encircled with a collar of stone, with brass cap mkd. T5N R3W S34 S35 CC S3 S2 T4N R3W 1915.
	Add the marks 2019 to the brass cap.
	N. 89°59' W., beginning new measurement.
16.00	The stan. cor. of secs. 34 and 35, monumented with a 3 ins. diam., iron post, firmly set, projecting 13 ins. above ground, with brass cap mkd. SC T5N R3W S34 S35 1916.
	Add the marks 2019 to the brass cap. A fiberglass sign post 2 1/2 ins. wide, projecting 48 ins. above ground, is set 1.5 lks. W. of the cor.
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Dependent Resurvey of a Portion of the East Boundary, T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	1. 4 N., K. 5 W., Gila and Salt River Meridian, Arizona
Chains	Restoring the resurvey executed by Woodbury Abbey, Roy J. Gill and Hans D. Voight in 1915
	From the 1/4 sec. cor. of secs. 7 and 12 on the E. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above ground, with brass cap mkd. 1/4 S12 S7 1915.
	Add the marks 2019 to the brass cap.
	From this cor. point, the cor. of a woven wire fence, enclosing the Ford Motor Co. proving ground, bears N. 65° E., 7 lks. dist., with fences extending E. and S.
	N. 0°01' E., bet. secs. 7 and 12 on the E. bdy. of the Tp.
	Within lands acquired for LAFB Auxiliary Field No. 1.
1.05	Barbed wired fence, bears S. 60° E., N. 60° W., enter LAFB Aux. Field No. 1 runway complex.
32.15	Barbed wired fence, bears S. 60° E., N. 60° W., enter LAFB Aux. Field No. 1 runway complex.
39.96	The cor. of secs. 1, 6, 7 and 12, monumented with a 2 in. diam., iron pipe of unknown origin, recovered in 1995 by Dean E. Crouse, Arizona R.L.S. No. 25070, as per an Arizona Land Survey Corner Record, filed with MCRO. Remonumented in 1995 by the MCDOT, with a 3 ins. diam., brass cap, set 8 ins. below the surface, in a cast iron survey well, 10 ins. diam. Brass cap is mkd. Maricopa County D.O.T. T4N R3W R2W S1 S6 S12 S7 1995. Accepted as careful and faithful reestablishment of the original cor. Cor. is located beneath Happy Valley road, 4 lks. N. of the S. edge of pavement. Road, bears E. and bears W., 30 lks. to end of pavement.
	N. 0°02' E., bet. secs. 1 and 6.
	On the E. bdy. of lands acquired by LAFB Aux. Field No. 1.
20.02	The S. 1/16 sec. cor. of secs. 1 and 6, monumented with a 3/4 in. diam., iron pipe of unknown origin. Remonumented in 2011 by Vernen Kalani Lee, Arizona R.L.S. No. 47302, with a rebar 3/4 in. diam., firmly set, projecting 3 ins. above ground, with attached 3 1/4 ins. aluminum cap mkd. Merrick & Co. S 1/16 T4N R3W R2W S1 S6 RLS 47302 2011. Accepted as careful and faithful establishment of the cor. position.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47 A fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, is located 1.5 lks. S. of the cor.

Dependent Resurvey of a Portion of the East Boundary, T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

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Chains	Cor. is located 22 lks. E., of a trail road, bears irregularly N. and S.
	N. 0°02' E., beginning new measurement
	Between state of Az land and patented land.
19.94	The 1/4 sec. cor. of secs. 1 and 6, monumented with a 1 in. diam. iron post, firmly set, projecting 9 ins. above ground, with brass cap mkd. 1/4 S1 S6 1915.
	Add the marks 2019 to the brass cap.
	Cor. is located in a dilapidated barbed wire fence, bears N. and S., and 13 lks. E. of a track road, bearing irregularly N. and S.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, is located 1.5 lks. N. of the cor.
	Dependent Resurvey of a Portion of the Subdivisional Lines, T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
	Restoring the resurvey executed by Woodbury Abbey, Roy J. Gill and Hans D. Voight in 1915
	From the 1/4 sec. cor. of secs. 11 and 12, monumented with a 1 in. diam. iron post, firmly set, projecting 14 ins. above ground, with brass cap mkd. 1/4 S11 S12 1915.
:	Add the marks 2019 to the brass cap.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 50 ins. above ground, is located 1 lk. N. of the cor.
	N. 0°03' E., bet. secs. 11 and 12.
20.005	Across patented land. The N. 1/16 sec. cor. of secs. 11 and 12. Established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011. Monumented with a 3/4 in. diam. rebar, set 6 ins. below the surface, with attached 3 1/4 in. diam. aluminum cap marked T4N R3W N 1/16 S11 S12 RLS 47302 2011. Accepted as careful and faithful establishment of the cor. position.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 50 ins. above ground, is located 2 lks. E. of the cor.

Chains	Cor. is located beneath a graded road, bears N. and S.
	N. 0°03' E., beginning new measurement.
	On the W. bdy. of land leased by LAFB, from the state of Az.
20.005	The cor. of secs. 1, 2, 11 and 12, monumented with a 2 ins. diam. iron post, firmly set, projecting 11 ins. above ground, with brass cap mkd. T4N R3W S2 S1 S11 S12 1915.
	Add the marks 2019 to the brass cap.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, is located 1.5 lks. E. of the cor.
	From the cor. of secs. 1, 6, 7 and 12, on the E. bdy of the Tp., hereinbefore described.
	N. 89°55' W., bet. secs. 1 and 12.
	Within lands acquired for LAFB Auxiliary Field No. 1.
13.52	Barbed wire fence, bears S. 60° E. and N. 60° W., thence enter runaway complex of LAFB Aux. Field No. 1.
39.98	The 1/4 sec. cor. of secs. 1 and 12, reestablished by Vernen Kalani Lee Arizona R.L.S. No. 47302 in 2011. Monumented with a rebar, 30 ins. long, 3/4 in. diam., firmly set, projecting 4 ins. above ground, with attached 3 1/4 in. diam., aluminum cap mkd Merrick & Co. T4N R3W S1 1/4 S12 RLS 47302 2011. Witnessed by a fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, set 1 lk. N. of the cor. Accepted as careful and faithful reestablishment of the original cor. position.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	T 4 N R 3 W S 1 1/4 —— S 12
	2019
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post

	1. 7 N., R. 5 W., Gila and Balt Rivel Melidian, Alizona
Chains	Set a steel fence post alongside the cor.
	Deposit the rebar with aluminum cap, inside the stainless steel post.
	N. 89°55' W., beginning new measurement.
	Within lands leased by LAFB, from the state of Az.
27.27	Barbed wire fence, bears S. 60° E. and N. 60° W., exit LAFB Aux. Field No. 1 runway complex.
39.98	The cor. of secs. 1, 2, 11 and 12.
	N. 0°07' E., bet. secs. 1 and 2.
	Within lands leased by LAFB, from the state of Az.
0.50	Barbed wire fence, on the S. edge of graded road, both bear E. and W.
18.00	Southerly edge of runway, bears S. 60° E. and N. 60° W., thence enter runaway complex of LAFB Aux. Field No. 1.
40.01	The 1/4 sec. cor. of secs. 1 and 2, reestablished by Vernen Kalani Lee Arizona R.L.S. No. 47302 in 2011. Monumented with a rebar, 30 ins. long, 3/4 in. diam., firmly set, projecting 8 ins. above ground, with attached 3 1/4 in. diam., aluminum cap mkd Merrick & Co. T4N R3W S1 1/4 S2 RLS 47302 2011. Witnessed by a fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, set alongside the cor. Accepted as careful and faithful reestablishment of the original cor. position
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	T 4 N R 3 W 1/4 S 2 S 1
	2019
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post alongside the cor.

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
	Deposit the rebar with aluminum cap, inside the stainless steel post.
	N. 0°07' E., beginning new measurement.
8.10	Road 8 ft. wide, within overgrown runway, bears N. 60° E. and S. 60° W., exit runway complex.
29.89	The closing cor. of secs. 1 and 2, hereinbefore described.
	From the cor. of secs. 1, 2, 11 and 12.
	S. 89°47' W., bet. secs. 2 and 11.
	On the S. bdy. of land leased by LAFB, from the state of Az.
39.78	The 1/4 sec. cor. of secs. 2 and 11, monumented with a 1 in. diam. iron post, firmly set, projecting 15 ins. above ground, with brass cap mkd. S2 1/4 S11 1915.
	Add the marks 2019 to the brass cap.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, is located 1 lks. N. of the cor.
	Cor. is located 5 lks. S. of a barbed wire fence, bears E. and W.
	S. 89°44′ W., beginning new measurement.
9.96	The E-W 1/64 sec. cor. of secs. of secs. 2 and 11, established by Kenneth Reedy, retired Arizona R.L.S. No. 19346, date unknown. Monumented with a rebar, 24 ins. long, 1/2 in. diam., set flush with the ground. Found lying loose alongside, a 1 in. diam., plastic cap mkd. RLS 19346. Accepted as a careful and faithful determination of the cor. position.
	At the corner point
	Set a rebar, 24 ins. long, 3/4 in. diam., 22 ins. in the ground, with attached 2 ins. diam., brass cap mkd.
	T 4 N R 3 W E-W 1/64 S 2
	S 11
	2019 Bury the 1/2 in. diam. rebar alongside the cor.
9	

Chains	Cor. is located 11 lks. S. of a barbed wire fence, bears E. and W. A fiberglass sign post 2 1/2 ins. wide, projecting 50 ins. above ground, is located 1.5 lks. NE of the cor.
	S. 89°44′ W., beginning new measurement.
	Between state of Az. land and patented land.
2.80	Graded road, 8 ft. wide, bears S. 30° E. and N. 30° W.
9.96	Point for the W. 1/16 sec. cor. of secs 2 and 11.
	Not monumented.
29.30	Wash, 10 ft. wide, drains S. 25° E.
29.88	The cor. of secs. 2, 3, 10 and 11. Reestablished in 1995 by MCDOT. Monumented with a 3 ins. diam., brass cap, set 3 ins. below the surface, seated in concrete, with cap mkd. Maricopa County D.O.T. T4N R3W S3 S2 S11 S10 1995. Accepted as the best available evidence of the orig. cor. position.
	A fiberglass sign post 2 1/2 ins. wide, projecting 36 ins. above ground, is located 2 lks. W. of the cor.
	N. 0°04' E., bet. secs. 2 and 3.
	Between state of Az. land and patented land.
13.22	Point for Angle Point No. 3, Parcel 1, of a metes-and-bounds survey in sec. 2, at intersection with the southeasterly right-of-way for the CAP.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. below the surface, with brass cap mkd.
	T 4 N R 3 W
	B.O.R.
	AP3 S 2
	From this cor. point, CAP, right of way, station 585+82.96 P.C., bears N. 38°29' E., 8.42 chs. dist. Monumented with a 4 ins. diam. brass disk, firmly set, in a 6 ins. diam. concrete cylinder, flush with the ground. Brass disk is mkd. U.S. DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION P.C. 585+82.96 R.O.W. 125 FT. RT. R-8. Witnessed by a fiberglass sign post 2 1/2 ins. wide, projecting

Chains	
Chains	36 ins. above ground, set alongside the cor. Cor. is located 4 lks. SE of a woven wire fence, enclosing the CAP, fence bears N. 38 1/2° E. and S. 38 1/2° W.
	From this same cor. point, CAP, right of way, station 579+99.87, bears S. 38°29' W., 41 lks. dist. Monumented with a concrete cylinder, 6 ins. diam., set flush with the ground. The brass disk has been removed. Cor. is located 4 lks. SE of a woven wire fence, enclosing the CAP, fence bears N. 38 1/2° E. and S. 38 1/2° W.
	Cor. is located, beneath the northwesterly edge of a graded road, bears N. 38 1/2° E. and S. 38 1/2° W.
	Continuing measurement, identical with line 3-2, of the metes-and-bounds survey of Parcel 1, in sec. 2.
	The metes-and-bounds survey of Parcel 1, sec. 2, is hereinafter fully described.
13.36	Woven wire fence, enclosing the CAP, bears N. 38 1/2° E. and S. 38 1/2° W.
	Continuing measurement across CAP canal and infrastructure.
18.24	Woven wire fence, enclosing the CAP, bears N. 38 1/2° E. and S. 38 1/2° W., exit CAP canal and infrastructure.
20.06	Point for the S. 1/16 sec. cor. of secs 2 and 3.
	Not monumented.
30.08	Point for the N-S 1/64 sec. cor. of secs. 2 and 3.
	Not monumented.
40.11	The 1/4 sec. cor. of secs. 2 and 3, identical with Angle Point 2, Parcel 1, of a metes-and-bounds survey in section 2, monumented with a 1 in. diam., iron post, set flush with the ground, with brass cap mkd. 1/4 S3 S2 1915.
	Add the marks 2019 to the brass cap.
	A fiberglass sign post 2 1/2 ins. wide, projecting 48 ins. above ground, bears E., 1.5 lks. dist.
	Cor. is located, 2.5 lks. NW of a fence cor., with barbed wire fences extending N. and S. 74° W.
	N. 0°04' E., beginning new measurement.
,	

Chains	Identical with line 2-1, of the metes-and-bounds survey of Parcel 1, in sec. 2.
3.40	Angle Point No. 1, Parcel 1, of a metes-and-bounds survey in sec. 2. Established by David A. Rhine, Arizona R.L.S. No. 24530 in 2009. Monumented with rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with attached 1 1/2 ins. diam., aluminum cap mkd. GCE LS 24530. Accepted as careful and faithful establishment of the cor. position.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1048, page 20.
	Cor. is located, 3 lks. NW of a fence cor., with barbed wire fences extending NE and S.
	N. 0°04' E., beginning new measurement.
4	Between state of Az. land and patented land.
20.28	Point for the N. $1/16$ sec. cor. of secs. 2 and 3, at proportionate dist.
	Not monumented.
30.16	The closing cor. of secs. 2 and 3, hereinbefore described.
	Subdivision of Section 1 T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 1 and 12, hereinbefore described.
	N. 0°03' W., on the N. and S. center line of sec. 1.
	On the W., land leased to LAFB from the state of Az., on the E., land acquired by LAFB.
	Across the runaway complex of LAFB Aux. Field No. 1.
4.59	Intersect the southerly side of a woven wire fence enclosure, 200 X 140 ft., containing radio towers and adjunct buildings. The most southerly cor. bears S. 53° E., 0.35 chs. dist., the most westerly cor. bears N. 53° W., 1.77 chs. dist.
7.53	Intersect the westerly side of same woven wire fence enclosure, the most northerly cor. bears N. 37° E., 0.70 chs. dist., the most westerly cor. bears S. 37° W., 2.33 chs. dist.
15.32	Barbed wire fence, bears S. 60° E. and bears N. 60° W., 0.80 chs. dist., thence N., leave LAFB runway complex.
×	

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
19.98	Point for the center south 1/16 sec. cor. of sec. 1, at proportionate dist., bythe method of irregular boundary adjustment. The data utilized was obtained from the survey recorded in the MCRO in book 1088, page 47, executed by Vernon Kalani Lee, Arizona R.L.S. No. 47302 in 2011.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T4N R3W
	C
1	S 1/16 S1
	C
	2019
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	The monument utilized in the above cited survey was found lying loose nearby, (a rebar, 18 ins. long, 1/2 in. diam., with attached brass washer mkd. 15865). Insert inside the stainless steel post.
	Cor. is located 80 lks. E., of a graded road, bears N. and S.
	N. 0°01' E., beginning new measurement.
	On the W., land leased to LAFB from the state of Az., on the E., patented land.
19.99	The center 1/4 sec. cor. of sec. 1. Monumented with a galvanized iron pipe, 2 ins. diam., firmly set, projecting 8 ins. above ground, with capped top, mkd. 1/4 C S1, origin unknown. Accepted as careful and faithful determination of the cor. position.
	A 1 1/4 ins. diam. aluminum washer, stamped Merrick & Co. PLS47302 is wired to the iron pipe.
	The record of survey that includes this aluminum washer is recorded in the MCRO, in book 1088, page 47.
	A steel fence post and a fiberglass sign post are set alongside the cor.
	N. 0°04' E., beginning new measurement.
	On the W., land leased to LAFB from the state of Az., on the E.,

On the W., land leased to LAFB from the state of Az., on the E., patented land.

Subdivision of Section 1
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
29.96	The 1/4 sec. cor. of sec. 1 only, hereinbefore described.
	From the 1/4 sec. cor. of secs. 1 and 6, on the E. bdy of the Tp., hereinbefore described.
	N. 89°53' W., on the E. and W. center line of sec. 1.
	Across patent lands.
40.01	The center 1/4 sec. cor. of sec. 1.
	N. 89°52' W., beginning new measurement.
	Within land leased to LAFB from the state of Az.
00.80	Graded road, bears N. and S.
39.88	The 1/4 sec. cor. of secs. 1 and 2, hereinbefore described.
	SE 1/4
	From the S. 1/16 sec. cor. of sec. 1 and 6, on the E. bdy. the Tp., hereinbefore described.
	N. 89°58' W., on the E. and W. center line of the SE 1/4 of sec. 1.
	On the N., patented land, on the S., land acquired by LAFB.
20.00	From this point, a rebar 1/2 in. diam., firmly set, projecting 2 ins. above ground, with affixed washer mkd. LS 15865, bears S., 5 lks. dist.
32.50	From this point, a rebar 1/2 in. diam., firmly set, projecting 2 ins. above ground, with affixed washer mkd. LS 15865, bears S., 4.5 lks. dist.
40.00	The center south 1/16 sec. cor. of sec. 1.
	Subdivision of Section 2 T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 2 and 11, hereinbefore described.
	N. 0°04' E., on the N. and S. center line of sec. 2.
,	Within lands leased by LAFB, from the state of Az.
	<u> </u>

Subdivision of Section 2
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
20.02	Point for the center S. 1/16 sec. cor. of sec. 2.
	Not monumented.
30.03	Point for the C-N-S 1/64 sec. cor. of sec. 2.
	Not monumented.
40.04	The center 1/4 sec. cor. of sec. 1. Established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011. Monumented with a rebar, 3/4 in. diam., firmly set, projecting 7 ins. above ground, with attached 3 1/4 ins. diam. aluminum cap mkd. Merrick & Co. T4N R3W C1/4 S2 2011 RLS 47302. Accepted as careful and faithful establishment of the cor. position.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	N. 0°04' E., beginning new measurement.
20.14	Point for the C-N 1/16 sec. cor. of sec. 2.
	Not monumented.
29.77	Intersect line 3-4, of the metes-and-bounds survey of Parcel 2, sec. 2.
	From this cor., Angle Point 4, Parcel 2, section 2, bears N. 58°20' E., 0.49 chs. dist., hereinbefore described.
	From this same cor., Angle Point 3, Parcel 2, section 2, bears S. 58°20' W., 8.17 chs. dist., hereinafter described.
30.02	The 1/4 sec. cor. of sec. 2 only, hereinbefore described.
	From the 1/4 sec. cor. of secs. 1 and 2.
	S. 89°50′ W., on the E. and W. center line of sec. 2.
	Within lands leased by LAFB, from the state of Az.
	Across the runaway complex of LAFB Aux. Field No. 1.
39.81	The center 1/4 sec. cor. of sec. 2.
	S. 89°50′ W., beginning new measurement.
9.96	The C-E-W 1/64 sec. cor. of sec. 2. Established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011. Monumented with a rebar, 3/4 in. diam., firmly set, projecting 7 ins. above ground, with attached 3 1/4 aluminum cap, mkd. Merrick & Co. T4N R3W E-W 1/64

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
	CC S2 2011 RLS 47302. Accepted as careful and faithful determination of the cor. position.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, is set alongside the cor.
	S. 89°50' W., beginning new measurement.
	Within land, acquired by LAFB.
9.96	Point for the C-W 1/16 sec. cor. of sec. 2.
	Not monumented.
`19.92	The C-W-W 1/64 sec. cor. of sec. 2. Established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011. Monumented with a rebar, 3/4 in. diam., firmly set, projecting 1 ins. above ground, with attached 3 1/4 aluminum cap, mkd. Merrick & Co. T4N R3W C-W-W 1/64 S2 2011 RLS 47302. Accepted as careful and faithful determination of the cor. position.
	A fiberglass sign post, 2 1/2 ins. wide, projecting 48 ins. above ground, is set alongside the cor.
	Cor. is identical with Angle Point 6, of the metes-and bounds survey of Parcel 1, section 2.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	S. 89°50' W., beginning new measurement, within state of Az. land.
0.237	Point for Angle Point No. 5, Parcel 1, of a metes-and bound survey in sec. 2, at record dist.(15.64 ft.), as cited in the deed of relinquishment, from the state of Az. to the BOR.
	Set a stainless steel rod, 18 ins. long, 5/8 ins. diam., 17 ins. in the ground, with attached a 3 1/2 ins. diam., brass cap mkd.
	T 4 N R 3 W
	AP 5
	B.O.R.
	2020
-	Set a steel fence post, alongside the cor.

Subdivision of Section 2
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
	S. 89°50' W., beginning new measurement, within BOR acquired land.
1.02	Woven wire fence, bears N. 1° E. and S. 1 ° W., thence cross CAP canal and infrastructure.
3.27	Woven wire fence, bears N. 1 1/2° E. and S. 1 1/2° W., thence exit CAP canal and infrastructure.
9.72	The 1/4 sec. cor. of secs. 2 and 3, hereinbefore described.
	SW 1/4
	From the point for the W. 1/16 sec. cor. of secs. 2 and 11, hereinbefore described.
	N. $0^{\circ}04'$ E., on the N. and S. center line of the SW $1/4$ of sec. 2, within state of Az. land.
20.04	Point for the SW 1/16 sec. cor. of sec. 2, at intersection with the E. and W. center line of the SW 1/4 of sec. 2.
	Not monumented.
30.06	Point for the C-N-SW 1/64 sec. cor. of sec. 2.
	Not monumented, continuing measurement through LAFB acquired lands.
40.08	Point for the C-W 1/16 sec. cor. of sec. 2.
40.00	
	From the point for the C-S 1/16 sec. cor. of sec. 2.
	S. 89°47′ W., on the E. and W. center line of the SW 1/4 of sec. 2.
	Over state of Az. land, leased to LAFB.
9.96	Point for the C-E-SW 1/64 sec. cor. of sec. 2.
	Exit leased lands, enter state of Az. land.
19.92	Point for the SW 1/16 sec. cor. of sec. 2.
29.88	Point for the C-W-SW 1/64 sec. cor. of sec. 2.
	Not monumented.
34.40	Intersect line 3-4, of the metes-and-bounds survey of Parcel 1, section 2.
	,

Subdivision of Section 2
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
,	From this point, Angle Point 4, parcel 1, of a metes-and-bounds survey in sec. 2, bears N. 38°29' E., 6.44 chs. dist., hereinafter described.
	From this same point, Angle Point 3, parcel 1, of a metes-and-bounds survey in sec. 2, bears S. 38°29' W., 8.76 chs. dist., hereinbefore described.
	continuing measurement in BOR acquired land.
34.43	Woven wire fence, bears N. 38 1/2° E. and S. 38 1/2° W., thence cross CAP canal and infrastructure.
38.44	Woven wire fence, bears N. 38 1/2° E. and S. 38 1/2° W., thence exit CAP canal and infrastructure.
39.84	Point for the S. 1/16 sec. cor. of secs. 2 and 3.
	NE 1/4, SW 1/4
	From the point for the C-E-SW 1/64 sec. cor. of sec. 2.
	N. 0°04' E., on the N. and S. center line of the NE $1/4$ of the SW $1/4$ of sec. 2.
	On the W. bdy. of land leased by LAFB, from the state of Az.
10.015	Point for the NE-SW 1/64 sec. cor. of sec 2, at intersection with the E. and W. center line of the NE 1/4 of the SW 1/4 of sec. 2.
	Set a stainless steel rod, 18 ins. long, 5/8 in. diam., 17 ins. in the ground, with attached 3 1/2 ins. diam., brass cap mkd.
	T 4 N R 3 W
	NE-SW 1/64 S 2
	2020 Set a steel fence post, alongside the cor.
	Continuing measurement, on the E. bdy of LAFB acquired land. And on the W. bdy. of land leased by LAFB from the state of Az.
20.03	The C-E-W 1/64 sec. cor. of sec. 2.

Subdivision of Section 2
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
	From the point for the C-N-S 1/64 sec. cor. of sec. 2.
	S. 89°48′ W., on the E. and W. center line of the NE 1/4 of the SW 1/4 of sec. 2.
	Within land leased by LAFB, from the state of Az.
9.96	The NE-SW 1/64 sec. cor. of sec 2.
	Continuing measurement on the S. bdy of LAFB acquired land.
19.92	Point for the C-N-SW 1/64 sec. cor. of sec. 2.
	SE 1/4, SW 1/4
	From the E-W 1/64 sec. cor. of secs 2 and 3.
	N. 0°04' E., on the N. and S. center line of the SE $1/4$ of the SW $1/4$ of sec. 2.
	On the W. bdy. of land leased by LAFB, from the state of Az.
20.03	The point for the C-E-SW 1/64 sec. cor. of secs. 2.
	NW 1/4, SW 1/4
	From the point for the C-W-SW 1/64 sec. cor. of sec. 2.
	N. 0°04' E., on the N. and S. center line of the NW $1/4$ of the SW $1/4$ of sec. 2.
	Over state of Az. land.
10.02	Point for the NW-SW 1/64 sec. cor. of sec 2, at intersection with the E. and W. center line of the NW 1/4 of the SW 1/4 of sec. 2.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam. 28 ins. in the ground, with brass cap mkd.
	T 4 N R 3 W
	NW-SW 1/64 S 2
	2020

Subdivision of Section 2
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post, alongside the cor.
	Continuing measurement on W. bdy. of land acquired by LAFB.
20.05	The C-W-W 1/64 sec. cor. of sec. 2.
	From the point for the C-N-SW 1/64 sec. cor. of sec. 2.
	S. 89°48' W., on the E. and W. center line of the NW 1/4 of the SW 1/4 of sec. 2.
	On the S. bdy of LAFB acquired land.
9.96	The NW-SW 1/64 sec. cor. of sec 2.
	Continuing measurement on state of Az. land.
10.38	Intersect line 4-5, of the metes-and-bounds survey of Parcel 1, section 2.
	From this point, Angle Point 5, parcel 1, of a metes-and-bounds survey in sec. 2, bears N. 01°08' E., 10.03 chs. dist. hereinbefore described.
	From this same point, Angle Point 4, parcel 1, of a metes-and-bounds survey in sec. 2, bears S. 01°08' W., 5.00 chs. dist., hereinafter described.
	Continuing measurement over BOR acquired land.
10.42	Woven wire fence, bears S. 1° W. and bears N. 1° E., for 20 lks., thence N. 30° W., continuing measurement across CAP canal and infrastructure.
14.33	Woven wire fence, bears N. 1° E. and S. 1° W., thence exit CAP canal and infrastructure.
19.92	Point for the N-S 1/64 sec. cor. of secs. 2 and 3.
	NW 1/4
	From the point for the C-W 1/16 sec. cor. of sec. 2.
	N. 0°04' E., on the N. and S. center line of the NW 1/4 of sec. 2.
	Over LAFB acquired land.

	1. 4 N., R. 5 W., Gila and Sait River Meridian, Arizona
Chains 13.05	Intersect the southeasterly boundary of the permit granted to the BOR from the USAF.
	From this point, CAP, right of way, station 615+86.08, bears N. 46°07' E., 6.145 chs. dist. Monumented with a 4 ins. diam. brass disk, set, in a 6 ins. diam. concrete cylinder, flush with the ground. Brass disk is mkd. U.S. DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION GRA R-8 ROW 250.00 STA. 615+86.02.
	From this same point, CAP, right of way, station 606+49.22, bears S. 46°07' W., 8.055 chs. dist. Monumented with a 2 ins. diam, aluminum cap, with illegible marks, set 6 ins. below the surface. Accepted as a bona fide replacement of the original BOR brass disk.
14.45	Woven wire fence, bears N 46° E. and S. 46° W., for 20 lks., thence across CAP canal and infrastructure.
20.21	Point for the NW 1/16 sec. cor. of sec. 2, at intersection with the E. and W. center line of the NW 1/4 of sec. 2, within the permit granted to the BOR from the USAF.
	Not monumented.
22.48	Woven wire fence, bears N 46° E. and S. 46° W., thence exit CAP canal and infrastructure.
22.52	Intersect the northwesterly boundary of the permit granted to the BOR from the USAF.
	From this point, cor. of the parcel of land, permitted to the BOR from the USAF., on the N. bdy. of sec. 2, bears N. 46°07′ E., 10.91 chs. dist., hereinbefore described.
	From this same point, Angle Point 7, of the metes-and-bounds survey of Parcel 1, section 2, bears S. 46°07' W., 13.84 chs. dist., hereinafter described.
	Exit, lands permitted to BOR from USAF.
30.09	The point for the W. 1/16 sec. cor. of sec. 2 only.
	From the point for the C-N 1/16 sec. cor. of sec. 2.
	N. 89°58' W., on the E. and W. center line of the NW 1/4 of sec. 2.
	Over land leased to LAFB from state of Az.
9.96	Point for the C-E-NW 1/64 sec. cor. of sec. 2.
	Not monumented.
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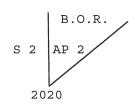
Subdivision of Section 2
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	
	Continuing measurement over LAFB acquired land.
12.49	Intersect the southeasterly boundary of the permit granted to the BOR from the USAF.
	From this point,, Angle Point 2, of the metes-and-bounds survey of Parcel 2, section 2, bears N. 46°07' E., 3.505 chs. dist., hereinafter described.
	From this same point, CAP, right of way, station 615+86.08, bears S. 46°07' W., 4.185 chs. dist.
	thence; across CAP canal and infrastructure, within BOR permitted area.
19.92	The point for the NW 1/16 sec. cor. of sec. 2.
22.32	Intersect the northwesterly boundary of the permit granted to the BOR from the USAF.
	From this point, a cor. of the parcel of land, permitted to the BOR from the USAF., on the N. bdy. of sec. 2, bears N. 46°07′ E., 14.24 chs. dist., hereinbefore described.
	From this same point, Angle Point 7, of the metes-and-bounds survey of Parcel 1, section 2, bears S. 46°07′ W., 10.51 chs. dist., hereinafter described.
29.88	Point for the C-W-NW 1/64 sec. cor. of sec. 2.
	Not monumented.
	Continuing measurement over state of Az. land.
39.84	The point for the N. 1/16 sec. cor. of secs. 2 and 3.
	NE 1/4, NW 1/4
	From the point for the C-E-NW 1/64 sec. cor. of sec. 2.
	N. 0°04' E., on the N. and S. center line of the NE $1/4$ of the NW $1/4$ of sec. 2.
	On the E. bdy. of LAFB acquired land, identical with the W. bdy. of lands leased from the state of Az. to LAFB.
2.43	Intersect the southeasterly boundary of the permit granted to the BOR from the USAF, identical with Angle Point 2, of the metes-and-bounds survey of Parcel 2, sec. 2.
	At the corner point

Chains

Set an stainless steel rod, 18 ins. long, 5/8 in. diam., 3 ins. below surface, attached a 3 1/2 ins. diam. brass cap mkd.

T 4 N R 3 W



Set a steel fence post, alongside the cor.

Cor. is located SE, 1.5 lks. dist. from a woven wire fence, topped with 3 strands of barbed wire, bears NE and SW.

From this cor., the Central Arizona Project, right of way station 615+86.02, bears S. 46°07′ W., 7.69 chs. dist., hereinbefore described.

Continuing measurement; across CAP canal and infrastructure, identical with line 2-1, of the metes-and-bounds survey of Parcel 2, sec. 2, identical with the E. bdy. of the permit granted to the BOR from the USAF.

9.88 The E-W 1/64 sec. cor. of sec. 2 only, identical with Angle Point 1, sec. 2, of the metes-and-bounds survey of Parcel 2, sec. 2, hereinbefore described.

SE 1/4, NW 1/4

From the C-E-W 1/64 sec. cor. of sec. 2.

N. 0°04' E., on the N. and S. center line of the SE 1/4 of the NW 1/4 of sec. 2.

On the E. bdy. of LAFB acquired land, identical with the W. bdy. of lands leased from the state of Az. to LAFB.

20.18 The C-E-NW 1/64 sec. cor. of sec. 2.

SW 1/4, NW 1/4

From the C-W-W 1/64 sec. cor. of sec. 2, identical with Angle Point 6, of the metes-and bounds survey of Parcel 1, section 2.

N. 0°04' E., on the N. and S. center line of the SW 1/4 of the NW 1/4 of sec. 2, identical with line 6-7, of the metes-and-bounds survey of Parcel 1, section 2.

Chains	
Chains	On the W. bdy. of LAFB acquired land.
0.43	Intersect the southeasterly boundary of the permit granted to the BOR from the USAF. Monumented with a 3/4 in. diam. rebar, firmly set. projecting 5 ins. above ground, with attached 3 1/4in. diam. aluminum cap marked MERRICK & CO. LUKE AUX 1 RLS 47302 2011. Established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011. Accepted as careful and faithful establishment of the cor. position.
, ·	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	From this cor. point, CAP, right of way, station 606+49.22, bears N. 30°34' E., 8.205 chs. dist., hereinbefore described.
	From this same cor. point, CAP canal, right of way station 598+99.65 PC, bears S. 30°34′ W., 0.465 chs. dist. Monumented with a 4 ins. diam. brass disk, firmly set, in a 6 ins. diam. concrete cylinder, flush with the ground. Brass disk is mkd. U.S. DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION P.C. 598+99.65 R.O.W. 175 FT. RT. R-8.
	N. 0°04' E., beginning new measurement.
	Across CAP canal and infrastructure, on a portion of line 6-7,of the metes-and-bounds survey of Parcel 1, section 2, identical with the W. bdy., of the permit granted to the BOR from the USAF.
12.53	Angle Point 7, Parcel 1, section 2. Monumented with a 3/4 in. diam. rebar, firmly set. projecting 2 ins. above ground, with attached 3 1/4 in. diam., aluminum cap marked MERRICK & CO. LUKE AUX 1 RLS 47302 2011. Established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011. Accepted as careful and faithful establishment of the cor. position.
	Cor. is located in a barbed wire fence, bears N. 46° E. and S. 46° W.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	N. 0°04' E., beginning new measurement.
7.29	The point for the C-W-NW 1/64 sec. cor.
	NW 1/4, NW 1/4
	From the point for the C-W-NW 1/64 sec. cor.

	1. 1 N., N. 5 N., GITA AND DATE RIVER METITATION
Chains	N. 0°04' E., on the N. and S. center line of the NW $1/4$ of the NW $1/4$, of sec. 2.
	On the W. bdy. of LAFB acquired land.
9.88	The W-W 1/64 sec. cor. of sec. 2 only.
	Subdivision of Section 12 T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 12 and 13, monumented with a 1 in. diam. iron post, firmly set, projecting 18 ins. above ground, with brass cap mkd. S12 1/4 S13 1915.
	Add the marks 2019 to the brass cap.
	Pound the iron post, 6 additional ins. in the ground.
	Cor. is located on N. edge of graded road, 30 lks. wide, bears E. and W.
	N. 0°01' E., on the N. and S. center line of sec. 12.
	Over patented land.
39.99	The center 1/4 sec. cor. of sec. 12. Monumented with a galvanized iron pipe, 2 ins. diam., firmly set, projecting 8 ins. above ground, with capped end, mkd. 1/4 C S12, origin unknown. Accepted as careful and faithful determination of the cor. position.
	A 1 1/4 ins. diam. aluminum washer, stamped Merrick & Co. PLS47302 is wired to the iron pipe.
	The roord of survey that includes this aluminum washer is recorded in the MCRO, in book 1088, page 47.
	A fiberglass sign post is set alongside the cor.
	From this cor., a galvanized iron pipe, 3/4 in. diam., projecting 2 ins. above ground, bears S., 3 lks. dist., origin unknown.
	From this same cor., a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with attached metal washer mkd. LS 15865, bears N. 88°15′ E., 5.5 lks. dist. Established by William Gookin, Arizona R.L.S. No. 15865, in conflict with the accepted center 1/4 section cor.
	N. 0°05' E., beginning new measurement.
	On the W. bdy. of LAFB acquired land.

Subdivision of Section 12
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	1. 4 N., R. 5 W., Gila and Balt River Meridian, Alizona
Chains	
10.00	From this point, a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, with attached washer, mkd. LS 15865, bears E., 5 1/2 lks. dist. Established in conflict with the accepted center 1/4 sec. cor. of sec. 12, hereinbefore described.
19.94	The C-N 1/16 sec. cor. of sec. 12, monumented with a 3/4 in. diam., iron pipe of unknown origin. Remonumented in 2011 by Vernen Kalani Lee, Arizona R.L.S. No. 47302. With a rebar 3/4 in. diam., firmly set, projecting 4 ins. above ground, with attached 3 1/4 ins. aluminum cap mkd. Merrick & Co. T4N R3W C N 1/16 S12 RLS 47302 2011. Accepted as careful and faithful establishment of the cor. position.
	The record of survey that includes this cor., is recorded in the MCRO, in book 1088, page 47.
	The original 3/4 in. diam., pipe, 18 ins. long, was found lying loose nearby. Bury this pipe alongside the rebar.
	A fiberglass sign post 2 1/2 ins. wide, projecting 48 ins. above ground, bears NE, 1.5 lks. dist.
	From this cor. point, 1/2 in. diam. rebar, firmly set, projecting 3 ins. above ground, with attached washer mkd. LS15865, bears N. 82°14′ W., 40 lks. dist.
	N. 0°10' E., beginning new measurement.
	On the W. bdy. of LAFB acquired land. And the E. bdy. of land leased by LAFB, from the state of Az.
4.30	Barbed wire fence, bears S. 60° E. and N. 60° W., thence enter LAFB Aux. Field No. 1 runway complex.
20.05	The 1/4 sec. cor. of secs. 1 and 12.
	From the 1/4 sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp., hereinbefore described.
	N. 89°57' W., on the E. and W. center line of sec. 12.
	On the S. bdy. of land acquired by LAFB.
40.05	The center 1/4 sec. cor. of sec. 12. continuing measurement across patented lands.
79.98	The 1/4 sec. cor. of secs. 11 and 12, hereinbefore described.
*	NW 1/4

Subdivision of Section 12
T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	Error the C.N. 1/16 gag gar of gag 12
	From the C-N 1/16 sec. cor. of sec. 12.
	N. 89°52' W., on the E. and W. center line of the NW 1/4 of sec. 12.
	On the S. bdy. of land, leased to LAFB from the state of Az.
9.95	From this point, a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, with attached washer, mkd. LS 15865, bears N., 4 lks. dist. Established in conflict with the accepted C-N 1/16 sec. cor. of sec. 12.
9.97	A galvanized iron pipe, 2 ins. diam., firmly set, in the center of a concrete cylinder, 12 ins. diam., projecting 3 ins. above ground, origin unknown.
26.57	From this point, a rebar, 1/2 in. diam., bent over to the W., bears N. 1.5 lks. dist., origin unknown.
39.94	The N. 1/16 sec. cor. of secs. 11 and 12, hereinbefore described.
	Metes-and-Bounds Survey of Parcel 1, Section 2, T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
	The following metes-and-bounds surveys in section 2, identify two parcels of land acquired by the United States from the State of Arizona. The parcels, necessary for the operation and maintenance of the Central Arizona Project Canal, where acquired via deed of relinquishment, recorded in the Maricopa Recorder's Office in docket 13166, pages 647-649.
	From Angle Point No. 1, Parcel 1, sec. 2, on the line bet. secs. 2 and 3, hereinbefore described.
	S. 0°04' W., on line 1-2, identical with a portion of the line bet. secs. 2 and 3.
3.40	The 1/4 sec. cor. of secs. 2 and 3, identical with Angle Point No. 2, Parcel 1, sec. 2, hereinbefore described.
	S. 0°04' W., on line 2-3, identical with a portion of the line bet. secs. 2 and 3.
26.89	Angle Point No. 3, Parcel 1, sec. 2, hereinbefore described.
	N. 38°29' E., on line 3-4.
8.42	CAP, right-of-way monument station 585+82.96 P.C., hereinbefore described.

Metes-and-Bounds Survey of Parcel 1, Section 2 T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

Charles a	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains 15.20	Point for Angle Point No. 4, Parcel 1, sec. 2, established at bearing-bearing intersection, maintaining the record angle relationship, recorded in the aforementioned deed of
	relinquishment. Set a stainless steel rod, 18 ins. long, 5/8 ins. diam., 17 ins. in the ground, with attached a 3 1/2 ins. diam., brass cap mkd.
	The ground, with attached a 3 1/2 lins. dram., brass cap mkd.
	T 4 N R 3 W
	B.O.R.
	AP 4 S 2
	2020
	Cor. is located 4 lks., SE from a fence cor. with woven wire fences extending N. 1° E and S. 38 1/2° W.
	N. 1°08' E., on line 4-5.
15.03	Angle Point No. 5, Parcel 1, sec. 2, at intersection with the E. and W. center line of sec. 2, hereinbefore described.
	N. 89°50' E., on line 5-6, identical with a portion of the E. and W. center line of sec. 2.
0.236	Angle Point No. 6, Parcel 1, sec. 2, identical with the C-W-W 1/64 sec. cor. of sec. 2, hereinbefore described.
	N. 0°04' E., on line 6-7, identical with a portion of the N. and S. center line of the SW 1/4 of the NW 1/4 of sec. 2.
12.96	Angle Point No. 7, Parcel 1, sec. 2, hereinbefore described
	S. 46°07' W., on line 7-1.
13.84	Angle Point No. 1, Parcel 1, sec. 2, hereinbefore described.
	Metes-and-Bounds Survey of Parcel 2, Section 2 T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
	From Angle Point No. 1, Parcel 2, sec. 2, identical with the E-W 1/64 sec. cor. of sec. 2 only, on the N. bdy. of the Tp., hereinbefore described.
, ,	S. 0°04' W., on line 1-2, identical with a portion of the N. and S. center line of the NE 1/4 of the NW 1/4 of sec. 2. Identical

Metes-and-Bounds Survey of Parcel 2, Section 2 T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

	T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
Chains	with the E. bdy. of the parcel of land permitted to the BOR from the USAF.
7.45	Angle Point No. 2, Parcel 2, sec. 2, hereinbefore described.
	N. 46°07' E., on line 2-3.
4.18	Angle Point No. 3, Parcel 2, sec. 2, identical with CAP, right-of-way sta. 623+69.49 PC. Monumented with a 4 ins. diam. brass disk, firmly set, in a 6 ins. diam. concrete cylinder, flush with the ground. Brass disk is mkd. U.S. DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION G.R.A. R-8 R.O.W. 250.00 FT RT P.C. 623+69.49
	Cor. is located 4 lks. SE of a fence cor., with woven wire fences extending, N. 58° E, and S. 46° W.
	N. 58°20' E., on line 3-4.
8.17	Intersect the N. and S. center line of sec. 2.
	From this point, the 1/4 sec. cor. of sec. 2 only, bears N. 0°04' E., 0.25 chs. dist., hereinbefore described.
8.66	Angle Point No. 4, Parcel 2, sec. 2, on the N. bdy. of sec. 2, hereinbefore described.
	Metes-and-Bounds Survey of Unites States Air Force, Permit No. DACA09-4-79-114, in the NW 1/4 of Section 2, T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona
	The following metes-and-bounds surveys in section 2, identifies a parcel of land titled to the United States Air Force and permitted to the U.S. Bureau of Reclamation, for the operation and maintenance of the Granite Reef Aqueduct portion of the Central Arizona Project.
	From the E-W 1/64 sec. cor. of sec. 2 only, identical with Angle Point 1, Parcel 2, hereinbefore described.
	N. 89°59' W., on a line of the permit, identical with a portion of the S. bdy. of sec. 35, T. 5 N., R. 3 W.
2.105	A cor. of the permit, hereinbefore described.
	S. 46°07' W., on a line of the permit.
	On the NW side of a woven wire fence.

Metes-and-Bounds Survey of Unites States Air Force, Permit No. DACA09-4-79-114, in the NW 1/4 of Section 2, T. 4 N., R. 3 W., Gila and Salt River Meridian, Arizona

G1 '	1. 4 N., R. 3 W., GIIA AND SAIL RIVER MERIDIAN, ARIZONA
Chains	
24.75	A cor. of the permit, identical with Angle Point 7, of the metes- and-bounds survey of Parcel 1, sec. 2, on the N. and S. center line of the SW 1/4 of the NW 1/4 of sec. 2. Established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011, hereinbefore described.
	S. 0°04' W., on a permit line, identical with a portion of the N. and S. center line of the SW 1/4 of the NW 1/4 of sec. 2.
12.53	A cor. of the permit, established by Vernen Kalani Lee, Arizona R.L.S. No. 47302 in 2011, hereinbefore described.
	N. 30°34' E., on a line of the permit.
	On the SE side of a woven wire fence.
8.205	A cor. of the permit, identical with CAP, right of way, station 606+49.22, hereinbefore described.
	N. 46°07' E., on a line of the permit.
	On the SE side of a woven wire fence.
14.20	A cor. of the permit, identical with CAP, right of way, station 615+86.02, hereinbefore described.
	N. 46°07' E., on a line of the permit.
	On the SE side of a woven wire fence.
7.69	A cor. of the permit, identical with Angle Point 2, of the metes- and-bounds survey of Parcel 2, in section 2, on the N. and S. center line of the NE 1/4 of the NW 1/4 of sec. 2, hereinbefore described.
	N. 0°04' E ., on a line of the permit, identical with a portion of the N. and S. center line of the NE 1/4 of the NW 1/4 of sec. 2.
7.45	A cor. of the permit, identical with the E-W 1/64 sec. cor. of sec. 2 only, identical with Angle Point 1, Parcel 2, sec. 2, hereinbefore described.

Chains GENERAL DESCRIPTION This survey is located within the bounds of the city of Surprise, Az., about 5 miles south of Wittmann, Az. The area surveyed is nearly level with elevation ranging from about 1,450 ft. to 1,560 above sea level. The soil and vegetation is typical of the lower Sonoran Desert. The principal use of the area surveyed is an auxiliary training field utilized by Luke Air Force Base. A portion of the Granite Reef Aqueduct, section of the Central Arizona Project, enters the area surveyed near the S. 1/16 sec. cor. of secs. 2 and 3, and exits near the 1/4 sec. cor. of sec. 2 only. The mean magnetic declination of 10 1/4° E., was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model 2020 for the dates of survey.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Charles E. Besancon III	Surveying Technician

CERTIFICATE OF SURVEY

We, Gordon R. Bubel and Rosendo Ramos Serrano, Cadastral Surveyors, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of 24th day of October, 2019, We have dependently resurveyed a portion of the First Standard Parallel North, a portion of the east boundary and a portion of the subdivisional lines. Subdivided sections 1, 2 and 12. Executed the metes-and-bounds surveys in section 2, Township 4 North, Range 3 West, Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by us and under our direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

M. R. Rub
(Cadastral Surveyor)
(Cadastral Surveyor)
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Phoenix, Arizona

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The foregoing field notes of the dependent resurvey of a portion of the First Standard Parallel North, a portion of the east boundary and a portion of the subdivisional lines. The subdivision of sections 1, 2 and 12. The metes-and-bounds surveys in section 2, Township 4 North, Range 3 West, Gila and Salt River, Arizona., executed by Gordon R. Bubel and Rosendo Ramos Serrano, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

4/14/2021 (Date)	(Chief Cadastral Surveyor of Arizona)
	CHREST CAMPS OF TRANSCRIPTOR
	CERTIFICATE OF TRANSCRIFT
	ng transcript of the field notes of the above described n, Range 3 West, Gila and Salt River Meridian, Arizona, ginal field notes.
(Date)	(Chief Cadastral Surveyor of Arizona)