

1A

INDEX DIAGRAM

Township 3 South, Range 6 East

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T. 3 S., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of the north boundary of Township 3 South, Range 6 East, Gila and Salt River Meridian, Arizona.

The north boundary was surveyed by W. F. Ingalls, U.S. Deputy Surveyor, in 1868, as shown on the official plat of survey for Township 2 South, Range 6 East, approved April 16, 1869. In 1911, Guy P. Harrington, U.S. Surveyor, dependently resurveyed the north boundary, and surveyed the remaining boundaries and the subdivisional lines, as shown on the official plats of survey A and B, approved July 29, 1919. Harrington did not recover any of Ingalls' corners and established corners for Township 3 South, Range 6 East only, in his resurvey of the north boundary. In 1916, John F. Hesse, U.S. Surveyor, resurveyed the east boundary, as shown on the official plat of survey for Township 3 South, Range 7 East, approved October 14, 1918.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated July 23, 1976, for Group No. 587, Arizona.

Prior to restoration of any corners, all necessary lines of the original survey were retraced and diligent search was made for any evidence of the original monuments and other calls of the official record. Identified corners were remonumented in their original positions. Lost corners were reestablished at proportionate positions, but not until exhausting every reasonable possibility of finding direct evidence of the control of each corner. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of the lines of this survey were determined by altitude observations on the sun. The lines were carried forward by sustained angulation, being supplemented by other altitude observations on the sun taken throughout the progress of the survey. All lines were measured with a Hewlett-Packard electronic distance measuring instrument, Model 3805-A, and were measured twice to preclude error.

The geographic position of the corner of Townships 2 and 3 South, Ranges 6 and 7 East, as scaled from the U.S. Geological Survey quadrangle map, "CHANDLER, HEIGHTS, ARIZ.", 1956, photorevised 1973, 7½ minute series, is as follows:

Latitude: 33° 12'3" N. Longitude: 111° 41.1' W.

The mean magnetic declination is 14° E.

Dependent Resurvey of the North Boundary of
T. 3 S., R. 6 E., Gila and Salt River Meridian, Arizona

(Restoring the 1868 survey by W. F. Ingalls and
the 1911 dependent resurvey by Guy P. Harrington)

Beginning at the cor. of Tps. 2 and 3 S., Rs. 6 and 7 E., monumented with an iron post, 3 ins. diam., firmly set, 16 ins. below the surface of a dirt road, with brass cap mkd. as described in the official record of the 1911 dependent resurvey by Guy P. Harrington. This cor. is an angle point of the N. bdy. of the Gila River Indian Reservation, from which said boundary extends S. and W.

from which new bearing objects

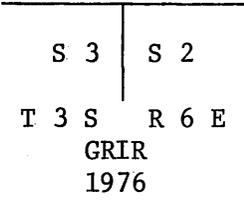
Dependent Resurvey, N. Bdy., T. 3 S., R. 6 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	<p>An X on a standpipe, 18 ins. diam., bears N. $36\frac{3}{4}^{\circ}$ E., 94 lks. dist.</p> <p>An X on the westerly headwall of a cattle guard bears S. 35° E., $63\frac{1}{2}$ lks. dist.</p> <p>A power pole, 10 ins. diam., bears S. $29\frac{3}{4}^{\circ}$ W., 88 lks. dist., with nail and tack at breast height.</p> <p>A power pole, 10 ins. diam., bears N. $57\frac{1}{2}^{\circ}$ W., 89 lks. dist., with nail and tack at breast height.</p> <p>Cor. falls in center of Hunt Highway, dirt road, 35 lks. wide, bears generally E. and W., and on an extension of the center line of Powers Road, paved, 35 lks. wide, extending N.</p> <p>N. $89^{\circ} 58'$ W., along the N. bdy. of sec. 1, identical with a portion of the N. bdy. of the Gila River Indian Reservation.</p> <p>Along Hunt Highway, dirt road, 35 lks. wide, bears generally E. and W.</p>
39.985	<p>Point for the $\frac{1}{4}$ sec. cor. of sec. 1, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron rod, 30 ins. long, $\frac{3}{8}$ in. diam., 36 ins. in the ground.</p> <p>from which</p> <p>An iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. $45^{\circ} 00'$ E., $70\frac{1}{2}$ lks. dist., with brass cap mkd. $\frac{1}{4}$ S1 RM 46.5 FT TO COR 1976, with an arrow pointing to the cor.</p> <p>An iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. $45^{\circ} 00'$ W., 71 lks. dist., with brass cap mkd. $\frac{1}{4}$ S1 RM 46.8 FT TO COR 1976, with an arrow pointing to the cor.</p> <p>Cor. falls 46 lks. N. of a barbed wire fence, 5 strands, bears generally E. and W., and 22 lks. N. of center of Hunt Highway, dirt road, 35 lks. wide, bears generally E. and W.</p>
40.03	<p>From this point a locally established $\frac{1}{4}$ sec. cor. of sec. 36, T. 2 S., R. 6 E., bears South, 1.3 lks. dist., monumented with an iron pipe, $1\frac{1}{2}$ ins. diam., firmly set, 6 ins. below the surface of Hunt Highway.</p>
79.97	<p>Point for the cor. of secs. 1 and 2, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron rod, 30 ins. long, $\frac{3}{8}$ in. diam., 36 ins. in the ground.</p> <p>from which</p> <p>An iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. $45^{\circ} 00'$ E., 74 lks. dist., with brass cap mkd. T3S R6E S1 RM 48.8 FT TO COR 1976, with an arrow pointing to the cor.</p>

Dependent Resurvey, N. Bdy., T. 3 S., R. 6 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	<p>An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' W., 72 lks. dist., with brass cap mkd. T3S R6E S2 RM 47.5 FT TO COR 1976, with an arrow pointing to the cor.</p> <p>Cor. falls 49 lks. N. of a barbed wire fence, 5 strands, bears generally E. and W., 21 lks. N. of center of Hunt Highway, dirt road, 35 lks. wide, bears generally E. and W.</p>
0.085	<p>N. 89° 58' W., along the N. bdy. of sec. 2, identical with a portion of the N. bdy. of Gila River Indian Reservation.</p> <p>Along Hunt Highway, dirt road, 35 lks. wide, bears generally E. and W.</p> <p>From this point a locally established cor. of secs. 35 and 36, T. 2 S., R. 6 E., bears South, 3.8 lks. dist., monumented with an iron rod, 1 in. diam., firmly set, 16 ins. below the surface of Hunt Highway.</p>
39.985	<p>Point for the ¼ sec. cor. of sec. 2, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron rod, 30 ins. long, 3/8 in. diam., 36 ins. in the ground.</p> <p>from which</p> <p>An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' E., 74 lks. dist., with brass cap mkd. ¼ S2 RM 48.8 FT TO COR 1976, with an arrow pointing to the cor.</p> <p>An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' W., 73 lks. dist., with brass cap mkd. ¼ S2 RM 48.2 FT TO COR 1976, with an arrow pointing to the cor.</p> <p>Cor. falls 51 lks. N. of a barbed wire fence, 5 strands, bears generally E. and W., and 21 lks. N. of center of Hunt Highway, dirt road, 40 lks. wide, bears generally E. and W.</p>
40.115	<p>From this point a locally established ¼ sec. cor. of sec. 35, T. 2 S., R. 6 E., bears South, 12.0 lks. dist., monumented with an iron pipe, 2 ins. diam., firmly set, 6 ins. below the surface of Hunt Highway.</p>
62.20	<p>Leave Hunt Highway, dirt road, 40 lks. wide, bears E. and N. 65° W.; asc. over steep rocky butte, slopes E.</p>
75.00	<p>Top of ascent, Round Top, slopes N.; desc. over W. slope.</p>
79.97	<p>Point for the cor. of secs. 2 and 3, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 2 ins. in the ground, to solid bedrock, with an X chiseled at cor. point, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>

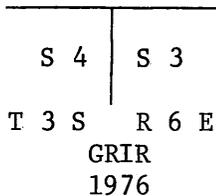
Dependent Resurvey, N. Bdy., T. 3 S., R. 6 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	 <p>S 3 S 2 T 3 S R 6 E GRIR 1976</p>
	<p>Cor. falls 50 lks. N. of a barbed wire fence, 5 strands, bears generally E. and W.</p>
	<p>N. 89° 58' W., along the N. bdy. of sec. 3, identical with a portion of the N. bdy. of the Gila River Indian Reservation.</p> <p>Desc. over steep and rocky W. slope of Round Top.</p>
0.14	<p>From this point a locally established cor. of secs. 34 and 35, T. 2 S., R. 6 E., bears South, 18.1 lks. dist., monumented with an iron pipe, 1 in. diam., firmly set, protruding 6 ins. above the ground, in a concrete pyramid, 8 ins. square at base, 3 ins. square at top, with no visible marks.</p>
2.00	<p>Foot of descent; continue over nearly level land.</p>
18.50	<p>Enter irrigation canal, dirt, 30 lks. wide, drains W., and continue along same.</p>
39.985	<p>Point for the ¼ sec. cor. of sec. 3, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron rod, 30 ins. long, 3/8 in. diam., 28 ins. in the ground.</p> <p>from which</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' E., 70.9 lks. dist., with brass cap mkd. ¼ S3 RM 46.8 FT TO COR 1976, with an arrow pointing to the cor.</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' W., 70½ lks. dist., with brass cap mkd. ¼ S3 RM 46.5 FT TO COR 1976, with an arrow pointing to the cor.</p> <p>Cor. falls in fence line extending N. and S., 45 lks. dist. to intersection with E.-W. barbed wire fence, 5 strands; cor. also falls 21 lks. N. of center line of canal.</p>
40.065	<p>From this point a locally established ¼ sec. cor. of sec. 34, T. 2 S., R. 6 E., bears South, 14.6 lks. dist., monumented with an iron rod, 3/8 in. diam., firmly set, 6 ins. below the surface, with no visible marks.</p>
79.97	<p>The cor. of secs. 3 and 4, perpetuated and remonumented by persons unknown, with an iron post, 1 in. diam., loosely set, protruding 8 ins. above the ground, with no visible marks. This position is harmoniously related to existing original cors., has long been accepted by local private surveyors and is accepted as the best available evidence of the original cor.</p> <p>At the corner point</p>

Dependent Resurvey, N. Bdy., T. 3 S., R. 6 E.,
Gila and Salt River Mer., Arizona

CHAINS

Set an iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, in a collar of concrete slabs, 3 ft. base, to top, with brass cap mkd.



from which

An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' E., 67 lks. dist., with brass cap mkd. T3S R6E S3 RM 44.3 FT TO COR 1976, with an arrow pointing to the cor.

An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' W., 66 lks. dist., with brass cap mkd. T3S R6E S4 RM 43.5 FT TO COR 1976, with an arrow pointing to the cor.

Cor. falls 45 lks. N. of a barbed wire fence, 5 strands, bears generally E. and W., 15 lks. N. of center line of canal, drains W., 42 lks. S. of center of Hunt Highway, dirt road, 45 lks. wide, bears generally E. and W.

N. 89° 56' W., along the N. bdy. of sec. 4, identical with a portion of the N. bdy. of the Gila River Indian Reservation.

Along irrigation canal, bears generally E. and W., draining W.

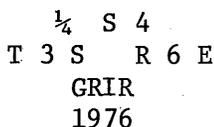
0.95 The locally established cor. of secs. 33 and 34, T. 2 S., R. 6 E., monumented with an iron rod, 3/8 in. diam., firmly set, in a mound of stone, 2 ft. base, to top, with metal tag mkd. LS 6975.

20.00 Point for the E. 1/16 sec. cor. of sec. 4, at proportionate dist.; there is no remaining evidence of the original cor. No new monument established.

40.00 The ¼ sec. cor. of sec. 4, monumented with an iron post, 1 in. diam., firmly set, 6 ins. below the surface, with brass cap missing.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.



from which

Dependent Resurvey, N. Bdy., T. 3 S., R. 6 E.,
Gila and Salt River Mer., Arizona

CHAINS

An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' E., 80.8 lks. dist., with brass cap mkd. ¼ S4 RM 53.3 FT TO COR 1976, with an arrow pointing to the cor.

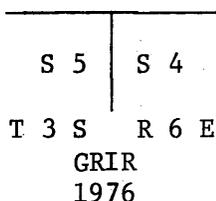
An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' W., 79½ lks. dist., with brass cap mkd. ¼ S4 RM 52.4 FT TO COR 1976, with an arrow pointing to the cor.

Cor. falls 53 lks. N. of a barbed wire fence, 5 strands, bears generally E. and W., 35 lks. N. of center line of canal, drains W., 20 lks. S. of center of Hunt Highway, 40 lks. wide, bears generally E. and W.

West, beginning new measurement.

Along irrigation canal, bears E. and W., draining W.

- 1.38 The locally established ¼ sec. cor. of sec. 33, T. 2 S., R. 6 E., monumented with an iron pipe, ¾ in. diam., firmly set, protruding 2 ins. above the ground, in concrete collar, 1 ft. diam., with no visible marks. Established by Carl D. Weckerly, Arizona Registered Land Surveyor, at proportionate dist. in 1972, and shown on his survey plat of the Roosevelt Canal's alignment and rights-of-way.
- 19.985 Point for the W. 1/16 sec. cor. of sec. 4, at proportionate dist.; there is no remaining evidence of the original cor. No new monument established.
- 27.40 Roosevelt Canal, dirt, 50 lks. wide, drains W. from NE.; continue along same.
- 39.97 Point for the cor. of secs. 4 and 5, at proportionate dist.; there is no remaining evidence of the original cor.
Set an iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.



from which

An iron post, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground, for a reference monument, bears S. 45° 00' E., 74.2 lks. dist., with brass cap mkd. T3S R6E S4 RM 49.0 FT TO COR 1976, with an arrow pointing to the cor.

An iron post, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground, for a reference monument, bears S. 45° 00' W., 81.8 lks. dist., with brass cap mkd. T3S R6E S5 RM 54.0 FT TO COR 1976, with an arrow pointing to the cor.

Dependent Resurvey, N. Bdy., T. 3 S., R. 6 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	<p>Cor. falls 56 lks. N. of a barbed wire fence, 5 strands, bears generally E. and W., 3 lks. N. of center line of Roosevelt Canal, drains W., and 56 lks. S. of center of Hunt Highway, dirt road, 40 lks. wide, bears generally E. and W.</p> <hr/> <p>West, along the N. bdy. of sec. 5.</p> <p>Along Roosevelt Canal, bears E. and W., draining W.</p> <p>1.85 From this point the locally established cor. of secs. 32 and 33, T. 2 S., R. 6 E., bears North, 4.6 lks. dist., monumented with an iron post, 2 ins. diam., firmly set, protruding 12 ins. above the ground, with no visible marks.</p> <p>19.985 Point for the E. 1/16 sec. cor. of sec. 5, at proportionate dist.; there is no remaining evidence of the original cor. No new monument established.</p> <p>39.97 Point for the 1/4 sec. cor. of sec. 5, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <hr style="width: 100px; margin: 0 auto;"/> <p>1/4 S 5 T 3 S R 6 E GRIR 1976</p> </div> <p>from which</p> <p style="padding-left: 40px;">A power pole, 10 ins. diam., bears S. 43 1/4° W., 81 lks. dist., with nail at breast height.</p> <p style="padding-left: 40px;">The most westerly of three fence posts, 6 x 6 ins., bears S. 24° W., 58 1/2 lks. dist., with nail in center of top of fence post.</p> <p>Cor. falls 53 lks. N. of a barbed wire fence, 5 strands, extending E., 1.50 chs. and W., 25 lks. N. of center of Roosevelt Canal, drains W., and 50 lks. S. of center of Hunt Highway, dirt road, 50 lks. wide, bears generally E. and W.</p>
	<p>59.955 Point for the W. 1/16 sec. cor. of sec. 5, at proportionate dist.; there is no remaining evidence of the original cor. No new monument established.</p>
	<p>79.94 Point for the cor. of secs. 5 and 6, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <hr style="width: 100px; margin: 0 auto;"/> <p>S 6 S 5 T 3 S R 6 E GRIR 1976</p> </div> <p>from which</p>

Dependent Resurvey, N. Bdy., T. 3 S., R. 6 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	<p>A telephone pole, 10 ins. diam., bears S. 40° W., 72½ lks. dist., with nail at breast height.</p> <p>A brass disc, 4 ins. diam., protruding 4 ins. above the ground, bears N. 76¾° W., 178½ lks. dist., with brass disk mkd. TT AD 21 1962 ARMY MAP SERVICE 1962.</p> <p>Cor. falls 53 lks. N. of a barbed wire fence, 5 strands, bears generally E. and W., 22 lks. N. of center of Roosevelt Canal, drains W., and 31 lks. S. of center of Hunt Highway, dirt road, 50 lks. wide, bears generally E. and W.</p>
	<p>West, along the N. bdy. of sec. 6, identical with a portion of the N. bdy. of the Gila River Indian Reservation.</p>
	<p>Along Roosevelt Canal, drains W.</p>
1.80	<p>Leave canal, and continue along Hunt Highway, dirt road, 50 lks. wide, bears generally E. and W.</p>
1.965	<p>From this point the locally established cor. of secs. 31 and 32, T. 2 S., R. 6 E., bears South, 3.6 lks. dist., monumented with an iron pipe, ¾ in. diam., firmly set, 6 ins. below the surface, with no visible marks.</p>
19.985	<p>Point for the E. 1/16 sec. cor. of sec. 6, at proportionate dist.; there is no remaining evidence of the original cor. No new monument established.</p>
39.97	<p>Point for the ¼ sec. cor. of sec. 6, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron rod, 30 ins. long, 3/8 in. diam., 36 ins. in the ground.</p>
	<p>from which</p> <p>An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' E., 68.3 lks. dist., with brass cap mkd. ¼ S6 RM 45.1 FT TO COR 1976, with an arrow pointing to the cor.</p> <p>An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° 00' W., 69½ lks. dist., with brass cap mkd. ¼ S6 RM 45.8 FT TO COR 1976, with an arrow pointing to the cor.</p>
	<p>Cor. falls 48 lks. N. of a barbed wire fence, 5 strands, bears E. and W., and in center of Hunt Highway, dirt road, 50 lks. wide, bears generally E. and W.</p>
59.955	<p>Point for the W. 1/16 sec. cor. of sec. 6, at proportionate dist.; there is no remaining evidence of the original cor. No new monument established.</p>
78.82	<p>The cor. of Tps. 2 and 3 S., Rs. 5 and 6 E., perpetuated and remonumented by the Maricopa County Highway Department in 1968 with a brass tablet, 4 ins. diam., set 4 ins. below the surface of Gilbert Road; mkd. and witnessed as described in the field notes of the dependent resurvey of the N. bdy. of T. 3 S., R. 5 E., executed concurrently under this same group.</p>

T. 3 S., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area resurveyed in T. 3 S., R. 6 E., is situated about 5 miles S. of Chandler, Arizona. The average elevation is about 1,250 feet above sea level with very little change in elevation. The soil is sandy loam. No native vegetation was encountered during the course of the resurvey. The principal use of the land is for agricultural purposes.

No mineral deposits of value were noted.

The average of a number of readings along the lines resurveyed gives a mean magnetic declination of 14° E., with no noticeable difference due to local attraction.

CHAINS

CERTIFICATE OF SURVEY

(I ~~WE~~), Terrence O. Nickerson, Cadastral Surveyor, HEREBY
 CERTIFY upon honor that, in pursuance of special instructions bearing date of the 23rd day
 of July, 19 76, (I ~~WE~~) have dependently resurveyed the north
 boundary of Township 3 South, Range 6 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), (~~us~~) and under (my)
 (~~our~~) direction; and that said survey has been made in strict conformity with said special instruc-
 tions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in
 specific manner described in the foregoing field notes.

January 31, 1978

(Date)



(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
 Washington, D.C.

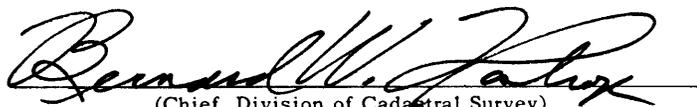
The foregoing field notes of the dependent resurvey of the north boundary of
 T. 3 S., R. 6 E., of the Gila and Salt River Meridian, Arizona,

executed by Terrence O. Nickerson, Cadastral Surveyor,

having been critically examined and found correct, are hereby approved.

MAY 15 1978

(Date)



(Chief, Division of Cadastral Survey)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in
 _____, is a true copy of the original field notes.

(Date)

(Chief, Division of Cadastral Survey) GPO 849-626