UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE EAST BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES,

AND THE SUBDIVISION OF SECTION 25,

IN

TOWNSHIP 4 SOUTH, RANGE 8 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Jacob R. Murdoch,
Survey Technician

Under the Supervision of

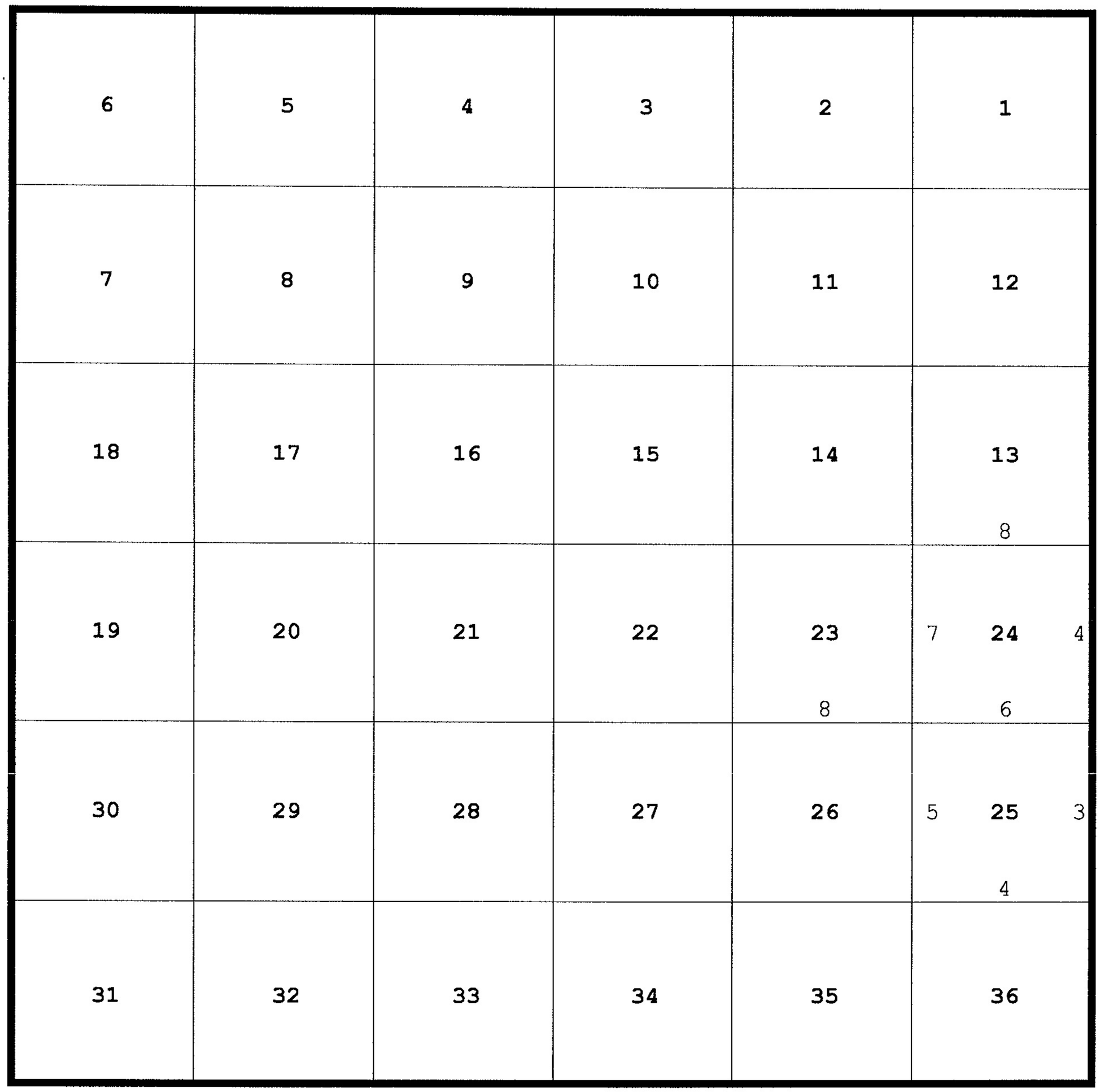
Ronald K. Batty,
Cadastral Surveyor

Under Special Instructions dated ***November 12, 2013***, approved ***November 12, 2013***, which provided for the surveys included under Group Number ***1248***, and Assignment Instructions dated ***November 12, 2013***.

Survey Commenced, ***November 16, 2013***
Survey Completed, ***April 30, 2015***

INDEX DIAGRAM

TOWNSHIP 4 SOUTH, RANGE 8 WEST, SALT LAKE MERIDIAN, UTAH



The Subdivision of Section 25.....8

TOWNSHIP 4 SOUTH, RANGE 8 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines, and the subdivision of section 25, in T. 4 S., R. 8 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

	Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY				
All	J. Gorlinski	1871		
EAST BOUNDARY				
All	J. Gorlinski	1871		
Portion			G.L. Kratz	1984
Portion			D.T. Gillins	2009-10
WEST BOUNDARY				
All	J. Gorlinski	1871		
Portion			R.K. Baugh	2003-04
NORTH BOUNDARY				
All	J. Gorlinski	1871		
Portion			D.T. Gillins	2009-10
SUBDIVISION				
All	J. Gorlinski	1871		
Portion			D.T. Gillins	2009-10

TOWNSHIP 4 SOUTH, RANGE 8 WEST, SALT LAKE MERIDIAN, UTAH

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 1248, dated November 12, 2013.

The direction of each line is with reference to the true meridian, determined by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the *Standards for the Positional Accuracy of Cadastral Surveys when using Global Navigation Satellite Systems (GNSS)*, dated February 23, 2009. Trimble model R8 GPS receivers were used for field collection. Cadastral Automated Plat Drafting (CAPD) software was the primary software utilized for project calculations.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a 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 was thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from GPS static observations, post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS); DH7098 P086 KENNECOTT1UT2005 CORS ARP, DL7737 P113 KNOLLSWESTUT2006 CORS ARP, AF9633 RBUT RED BUTTE CORS ARP.

The geographic position of the corner of sections 13, 14, 23, and 24, T. 4 S., R. 8 W., as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **40°27'46.583" N.**,
Longitude: **112°42'21.271" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.200 meter at 95% confidence.

The geographic position of the corner of sections 25 and 36 only, T. 4 S., R. 8 W., as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **40°26'01.888" N.**,
Longitude: **112°41'13.200" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.200 meter at 95% confidence.

CHAINS

Dependent Resurvey of a Portion of the East Boundary,
T. 4 S., R. 8 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by J. Gorlinski in 1871
and the Resurvey Executed by G.L. Kratz in 1984

Beginning at the corner of sections 25 and 36 only, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 1 ft. above a mound of stone, 3 1/2 ft. base, 18 inches high, with aluminum cap marked as described in the official record of the 1984 resurvey.

No remaining evidence of the original bearing tree.

Rehabilitate mound of stone, 3 1/2 ft. base, 20 inches high.

Corner is located approximately 7 links east of a four strand barbed wire fence, bears north and south, on a slight westerly facing slope, in recently burned rocky terrain.

N. 0°27.1′ E., along the east boundary of section 25.

4.389 The closing corner of sections 30 and 31, T. 4 S., R. 7 W., monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 9 inches above a mound of stone, 3 ft. base, 10 inches high, with aluminum cap marked as described in the official record of the 1984 survey.

Rehabilitate mound of stone, 3 ft. base, 17 inches high.

Set an aluminum fence post alongside the aluminum post.

Corner is located approximately 8 links east of a four strand barbed wire fence, bears north and south, on a slight westerly facing slope, in recently burned rocky terrain.

N. 0°41.1′ E., beginning new measurement.

35.645 The 1/4 section corner of section 25 only, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 8 inches above ground, with aluminum cap marked as described in the official record of the 1984 resurvey, with a mound of stone, 4 ft. base, 18 inches high, along the west side.

No remaining evidence of the original bearing tree.

Set a steel fence post alongside the aluminum post.

Corner is located on a southwesterly facing slope, in recently burned rocky terrain.

CHAINS

Reestablishment of the Survey Executed by J. Gorlinski in 1871

N. 0°30.2′ E., beginning new measurement.

40.150 Point for the corner of sections 24 and 25 only, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a mound of stone, 2 1/2 ft. base, to top of aluminum cap marked

T4S
R8W R7W
S24
S30
S25
2014

Deposit a magnet at the base of the aluminum post.

Corner is located on a rocky, west facing slope, on north side of a wash, drains westerly, in recent burn area.

N. 0°30.2′ E., along the east boundary of section 24.

40.150 The 1/4 section corner of section 24 only, monumented with a stationary quartzite boulder, 3 X 3 ft., projecting 3 ft. above ground, clearly marked 1/4 on the west face. Chisel an "X" for observation at approximate center-top of boulder, from which

A stationary quartzite boulder, 3 1/2 X 3 ft., projecting 2 ft. above ground, bears S. 49°35.5′ E., 43.5 links distance, marked BXO at approximate center-top of boulder.

Corner is located near the bottom of rocky canyon, bears easterly and westerly, recently burned, 58 links south of a spring creek, 6 ft. wide, shallow channel, drains westerly.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 4 S., R. 8 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by J. Gorlinski in 1871

From the corner of sections 25 and 36 only, on the east boundary of the township, hereinbefore described.

S. 89°43.1′ W., between sections 25 and 36.

40.185 Point for the 1/4 section corner of sections 25 and 36, at

CHAINS

proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 21 inches in the ground, to solid rock, in a mound of stone, 4 ft. base, to top of aluminum cap marked

T4S R8W
S25
1/4 ——
S36
2014

Deposit a magnet at the base of the aluminum post.

Corner is located on a rocky, west facing slope, in a recently chained burn area.

80.370 The corner of sections 25, 26, 35, and 36, monumented with a quartzite stone, 27 X 15 X 12 inches, firmly set, projecting 13 inches above ground, clearly marked 1 notch on the south and 1 notch on the east edges, with a mound of stone, 3 1/2 ft. base, 1 ft. high, along east side.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 10 inches in the ground, to solid rock, in rebuilt mound of stone, 3 1/2 ft. base, to top of aluminum cap marked

T4S R8W
S26 | S25
S35 | S36
2013

Deposit a magnet at the base and partially deposit the marked stone along the west side of the aluminum post.

Corner is located on a gentle west facing slope, in scattered mixed brush, with rocky soil.

N. 0°17.1′ E., between sections 25 and 26.

40.242 Point for the 1/4 section corner of sections 25 and 26, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, in a collar of stone, 3 ft. base, with aluminum cap marked

T4S R8W
1/4
S26 | S25
2015

CHAINS

Deposit a magnet at the base and set a steel fence post along north side of the aluminum post.

Corner is located approximately 14 links west of a fence, bears north and south, on a gentle northwest facing slope.

80.484 Point for the corner of sections 23, 24, 25, and 26, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with aluminum cap marked

T4S R8W
S23 | S24
S26 | S25
2015

Deposit a magnet at the base, and set a steel fence post along north side of the aluminum post.

Raise a mound of stone, 3 ft. base, 1 ft. high, west of aluminum post.

Corner is located approximately 25 links east of a fence, bears north and south, on a gentle west facing slope, and at western edge of recently chained ground.

From the corner of sections 24 and 25 only, on the east boundary of the township, hereinbefore described.

S. 89°35.5′ W., between sections 24 and 25.

40.619 The 1/4 section corner of sections 24 and 25, monumented with a granite stone, 18 X 8 X 6 inches, loosely set, clearly marked 1/4 on the north face.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 21 inches in the ground, to solid rock, in a mound of stone, 3 1/2 ft. base, to top of aluminum cap marked

T4S R8W
S24
1/4 ——
S25
2013

Deposit a magnet at the base, the marked stone along the north side, and set a steel fence post alongside the aluminum post.

Corner is located on a gentle southwest facing slope, in recently burned rocky soil.

CHAINS

N. 89°42.9′ W., beginning new measurement.

40.147 The corner of sections 23, 24, 25, and 26.

N. 0°08.2′ E., between sections 23 and 24.

40.242 Point for the 1/4 section corner of sections 23 and 24, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 28 inches in the ground, with aluminum cap marked

T4S R8W
1/4
S23|S24
2015

Deposit a magnet at the base, and set a steel fence post along south side of the aluminum post.

Corner is located on a rocky, west facing slope, with all nearby piñon and juniper growth recently bullhogged.

Note: Prior to this survey, a mechanical shredder (Bullhog) thinned the dense piñon and juniper growth in the area leaving heavy debris in the vicinity of this corner.

80.484 The corner of sections 13, 14, 23, and 24, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 8 inches above ground, with aluminum cap marked and witnessed as described in the official record of the 2009-2010 resurvey.

From the 1/4 section corner of sections 13 and 24, monumented with a quartzite stone, 24 X 13 X 5 inches, loosely set, clearly marked 1/4 on north face, from which the original bearing tree

A burnt and standing juniper, 12 inches diameter, bears S. 77°27′ E., 50 links distance, with burnt out blaze. (record: East)

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 22 inches in the ground, with aluminum cap marked

T4S R8W
S13
1/4 ——
S24
2013

CHAINS

Deposit a magnet at the base, partially deposit the marked stone alongside, and set a steel fence post alongside the aluminum post.

Corner is located on a gentle southwest facing slope, in recent burn, with some surviving juniper in area.

S. 89°53.5′ W., between sections 13 and 24.

40.044 The corner of sections 13, 14, 23, and 24.

From the corner of sections 23, 24, 25, and 26.

S. 88°32.4′ W., between sections 23 and 26.

39.600 The 1/4 section corner of sections 23 and 26, monumented with a quartzite stone, 20 X 10 X 10 inches, firmly set, projecting 12 inches above ground, popped and damaged by fire, clearly marked 1/4 on the north face.

No remaining evidence of the original bearing trees.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a collar of stone, 3 ft. base, with aluminum cap marked

T4S R8W
S23
1/4 ——
S26
2014

Deposit a magnet at the base, the marked stone alongside, and set a steel fence post alongside the aluminum post.

Corner is located in an old burn scar, on a gentle west facing slope, land gently rolling and very rocky.

From this point, the corner of sections 22, 23, 26, and 27, bears S. 89°59.3′ W., 40.332 chains distance, monumented with a white granite stone, 10 X 6 inches, firmly set, projecting 7 inches above ground, clearly marked with 2 notches on the east edge and 2 notches on the south edge, with a small X chiseled on top at approximate center for observation, with a steel fence post and a mound of stone, 3 ft. base, 2 ft. high along the north side.

The Subdivision of Section 25,
T. 4 S., R. 8 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 25 and 36.

N. 0°15.9′ E., along the N-S centerline of section 25.

SUBDIVISION OF SECTION 25
TOWNSHIP 4 SOUTH, RANGE 8 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

40.136 Point for the center 1/4 section corner of section 25, at the intersection with the E-W centerline.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 8 inches in the ground, to solid rock, in a mound of stone, 3 ft. base, to top of aluminum cap marked

T4S R8W
C 1/4
S25
2014

Deposit a magnet at the base of the aluminum post.

Corner is located in a recently chained burn scar, with ground generally sloping northwesterly. A fence, bears easterly and westerly, is approximately 15 links south of the corner.

80.087 The 1/4 section corner of sections 24 and 25.

From the 1/4 section corner of section 25 only, on the east boundary of the township, hereinbefore described.

S. 89°52.1′ W., along the E-W centerline of section 25.

40.455 The center 1/4 section corner of section 25.

80.621 The 1/4 section corner of sections 25 and 26.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Daniel W. Webb	Chief Cadastral Surveyor
Ronald K. Baugh	Supervisory Cadastral Surveyor
Christopher J. May	Survey Technician
Matthew N. Gillins	Survey Technician

CERTIFICATE OF SURVEY

We, ***Jacob R. Murdoch, Survey Technician,*** *and* ***Ronald K. Batty, Cadastral Surveyor,*** HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the ***November 12, 2013,*** we have ***dependently resurveyed a portion of the east boundary, a portion of the subdivisional lines, and subdivided section 25, in Township 4 South, Range 8 West,*** of the ***Salt Lake*** Meridian, in the State of ***Utah,*** which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

May 6, 2015
Date

Survey Technician

May 11, 2015
Date

Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the ***dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines, and the subdivision of section 25, in Township 4 South, Range 8 West, Salt Lake Meridian, Utah,*** executed by ***Jacob R. Murdoch, Survey Technician*** *and* ***Ronald K. Batty, Cadastral Surveyor,*** having been critically examined and found correct, are hereby approved.

May 12, 2015
Date

Daniel W. Webb
Chief Cadastral Surveyor for Utah