

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF A PORTION

OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 34,

IN

TOWNSHIP 10 NORTH, RANGE 16 WEST

OF THE SALT LAKE MERIDIAN, UTAH
IN THE STATE OF UTAH

EXECUTED BY

Ronald K. Baugh
Supervisory Cadastral Surveyor

Under special instruction dated and approved **August 7, 2006**, which provided for the surveys included under Group Number **1029**, and assignment instructions date **August 7, 2006**.

Survey commenced **August 9, 2006**
Survey completed **September 12, 2006**

INDEX DIAGRAM

Township 10 North, Range 16 West

6	5	4	3	2	1
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TOWNSHIP 10 NORTH, RANGE 16 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 34, in Township 10 North, Range 16 West, Salt Lake Meridian, Utah.

History of Surveys

Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY (Second Standard Parallel North)			
All	H. Fitzhugh	1883	R.K. Baugh 2006
EAST BOUNDARY			
All	G. V. M. Boutelle	1872	
All			H. Fitzhugh 1884
All			F. R. Chappell & G.B. Hatch 1967
WEST BOUNDARY (Guide Meridian)			
All	H. Fitzhugh	1883	
NORTH BOUNDARY			
All	H. Fitzhugh	1883	
SUBDIVISION			
All	H. Fitzhugh	1884	

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 1029, Utah, dated August 7, 2006.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of the original 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 original record. The retracement data were thoroughly verified and only the true line Field Notes are given herein.

The direction of lines refer to the true meridian and were determined by Global Positioning System (GPS) observations in Real Time Kinematics (RTK) relative positioning mode.

Geodetic control was derived from Global Positioning System (GPS) static observations, post processed by the National Geodetic Survey, Online Positioning User Service, (OPUS), Utilizing Continuously Operating Reference Stations; (CORS) HNSLVALLY, HILL72, and CNRSRNGS.

The geographic position of the corner of sections 2, 3, 34, and 35 on the south boundary of the township is as follows:

Latitude: 41° 32' 18.432" N. Longitude: 113° 39' 21.056" W.
 N.A.D. 1983 (CORS96), Network Accuracy = 0.200 meter at 95% confidence.
 N.A.V.D. 1988 Elevation: 5449.2 feet.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 10 NORTH, RANGE 16 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a portion of the Subdivisional Lines,
T. 10 N., R. 16 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
H. Fitzhugh in 1884

From the corner of sections 2, 3, 34, and 35, on the south boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, with aluminum cap marked as described in the concurrent resurvey of the north boundary of Township 9 North, Range 16 West.

N. 0° 14.1' E., between sections 34 and 35.

20.646 Point for the S 1/16 section corner of sections 34 and 35.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with a magnet at base, with aluminum cap marked:

T 10 N R 16 W
S 1/16
S 34 | S 35
2006

Set a steel fence post alongside the aluminum post.

Corner is located in scattered sagebrush and grasses.

41.292 Point for the 1/4 section corner of sections 34 and 35, 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, with a magnet at base, with aluminum cap marked:

T 10 N R 16 W
1/4
S 34 | S 35
2006

Set a steel fence post alongside the aluminum post.

82.584 The corner of sections 26, 27, 34, and 35, monumented with a sandstone, 13x10x2 inches, in a small mound of stone, marked with 2 notches on the east and 1 notch on the south edges.

At the corner point

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 10 NORTH, RANGE 16 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 20 inches in the ground to bedrock, with a magnet at base, in a collar of stone, with aluminum cap marked:

T 10 N	R 16 W
S 27	S 26
S 34	S 35
2006	

Deposit the marked stone alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

From the 1/4 section corner of sections 26 and 35, monumented with a limestone, 12x10x8 inches, firmly set with a steel fence post alongside, in a scattered mound of stone, marked 1/4 on the west face.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with a magnet at base, with aluminum cap marked:

T 10 N	R 16 W
	S 26
1/4	S 35
	2006

Deposit the marked stone alongside the aluminum post.

Reset the steel fence post alongside the aluminum post.

Corner is located in a fence line, bears northeast and southwest.

S. 89° 32.0' W., between sections 26 and 35.

40.324 The corner of sections 26, 27, 34, and 35.

From the corner of sections 3, 4, 33, and 34, on the south boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, with aluminum cap marked as described in the concurrent resurvey of the north boundary of Township 9 North, Range 16 West.

N. 0° 25.2' E., between sections 33 and 34.

41.504 The 1/4 section corner of sections 33 and 34, monumented with a limestone, 20x9x5 inches, in a small mound of stone, marked 1/4 on the west face.

At the corner point

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 10 NORTH, RANGE 16 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with a magnet at base, with aluminum cap marked:

T 10 N R 16 W
1/4
S 33 | S 34
2006

Deposit the marked stone alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

N. 0°28.9' W., beginning new measurement.

40.300 The corner of sections 27, 28, 33, and 34, monumented with a white quartzite stone, 13x6x5 inches, firmly set and marked with 3 notches on the east and 1 notch on the south edges.

At the corner point

Set and aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with a magnet at base, with aluminum cap marked:

T 10 N R 16 W
S 28 | S 27
S33 | S34
2006

Deposit the marked white stone alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

From the corner of sections 26, 27, 34, and 35.

S. 89° 37.5' W., between sections 27 and 34.

40.411 The 1/4 section corner of sections 27 and 34, monumented with a small mound of stones, no marked stone was found.

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 20 inches in the ground to bedrock, with a magnet at base, in a collar of stone, with aluminum cap marked:

T 10 N R 16 W
S 27
1/4 ———
S 34
2006

Set a steel fence post alongside the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 10 NORTH, RANGE 16 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

From which the original 1884 bearing trees:

A cedar, 7 inches in diameter with scribe marks visible on an open blaze, bears N. 24 1/2° E., 27 links distance.
(Record, N. 14 1/2° W., 30 links distance)

A cedar, 20 inches in diameter, marked: 1/4 S 27 BT, on an open blaze, bears S. 33° E., 132 links distance. (Record, S. 30 1/2° E., 140 links distance)

S. 89° 48.7 W., beginning new measurement

40.210 The corner of sections 27, 28, 33, and 34.

From the corner of sections 4, 5, 32, and 33, on the south boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, with aluminum cap marked as described in the concurrent resurvey of the north boundary of Township 9 North, Range 16 West.

N. 0° 23.9' W., between sections 32 and 33.

40.465 Point for the 1/4 section corner of sections 32 and 33, 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 a magnet at base, with aluminum cap marked:

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T 10 N R 16 W
      1/4
S 32 | S 33
      2006

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Set a steel fence post alongside the aluminum post.

Corner is located South, 50 links distance from a small wash, draining south-southwest, in sagebrush and juniper.

80.930 The corner of section 28, 29, 32, and 33, monumented with a lava stone, 17x7x5 inches, firmly set, marked with 1 notch on the south and 3 notches and the east edges.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with a magnet at base, with aluminum cap marked:

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T 10 N R 16 W
  S 29 | S 28
  S 32 | S 33
      2006

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 10 NORTH, RANGE 16 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposit the marked stone alongside the aluminum post.

Set a steel fence post on the south side of the aluminum post.

From the corner of sections 27, 28, 33, and 34.

S. 89° 30.4' W., between sections 28 and 33.

40.320

Point for the 1/4 section corner of section 28 and 33, 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 a magnet at base, with aluminum cap marked:

	T 10 N	R 16 W
	S 28	
1/4	_____	
	S 33	
	2006	

Set a steel fence post alongside the aluminum post.

Corner is located in sagebrush

80.640

The corner of sections 28, 29, 32, and 33.

The Subdivision of Section 34,
T. 10 N., R. 16 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 3 and 34, on the south boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, with an aluminum cap marked as described in the concurrent resurvey of the north boundary of Township 9 North, Range 16 West.

N. 0° 01.6' E., on the north-south center line of section 34.

20.674

Point for the center S 1/16 section corner of section 34.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with a magnet at base, with aluminum cap marked:

	T 10 N	R 16 W
	C	
S 1/16		S 34
	C	
	2006	

Set a steel fence post alongside the aluminum post.

THE SUBDIVISION OF SECTION 34,
TOWNSHIP 10 NORTH, RANGE 16 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Corner is located in sagebrush and grasses.

41.348 Point for the center 1/4 section corner of section 34, at intersection with the east-west center line.

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

T 10 N R 16 W
C 1/4
S 34
2006

Corner is located in scattered sagebrush and grasses.

82.076 The 1/4 section corner of sections 27 and 34.

From the 1/4 section corner of sections 34 and 35.

N. 89° 34.4 W., on the east-west center line of section 34.

40.266 The center 1/4 section corner of section 34.

80.125 The 1/4 section corner of sections 33 and 34.

From the S 1/16 of section corner of sections 34 and 35.

N. 89°36.8 W., on the east-west center line of the SE 1/4 of section 34.

40.193 The center of the S 1/16 section corner of section 34.

UNITED STATES
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FIELD ASSISTANTS

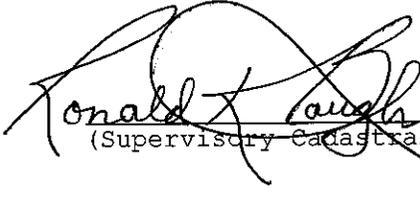
Name	Capacity
Tyler G. Trujillo	Cadastral Surveyor
Glen B. Hatch	Land Surveyor

CERTIFICATE OF SURVEY

I, **Ronald K. Baugh**, **Supervisory Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the **7th day of August, 2006**, I have **executed a dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 34, in Township 10 North, Range 16 West**, of the **Salt Lake Meridian**, in the State of **Utah**, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

Jan 22, 2009

Date


(Supervisory Cadastral Surveyor)

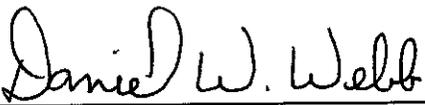
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 34, in Township 10 North, Range 16 West, Salt Lake Meridian, Utah**, executed by **Ronald K. Baugh, Supervisory Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

March 30, 2009

Date


(Chief Cadastral Surveyor for Utah)