

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF
A PORTION OF THE WEST BOUNDARY,
A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SURVEY OF
A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 30,

IN

TOWNSHIP 3 SOUTH, RANGE 7 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Daniel T. Gillins
Cadastral Surveyor

Under Special Instructions dated *September 23, 2009*, approved *September 23, 2009*, which provided for the surveys included under Group Number *1130*, and Assignment Instructions dated *September 23, 2009*.

Survey Commenced, *November 4, 2009*
Survey Completed, *December 9, 2009*

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INDEX DIAGRAM

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TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the west boundary, a portion of the subdivisional lines, the survey of a portion of the subdivisional lines, and the subdivision of section 30, in Township 3 South, Range 7 West, Salt Lake Meridian, Utah.

History of Surveys

	Surveyed by		Retr. or Resurveyed by	
EAST BOUNDARY				
All	J.R. Stewart & C.L. Heist	1912		
WEST BOUNDARY				
All	J. Gorlinski	1871		
Portion			R.K. Baugh	2004
Portion			D.T. Gillins & R.K. Baugh	2006-08
NORTH BOUNDARY				
Portion	J. Gorlinski	1877		
Portion	R.C. Yundt & D. Broun	1937		
Portion			R.K. Baugh	2004
SUBDIVISION				
Portion	J. Gorlinski	1871		
Portion	R.K. Baugh	2004	R.K. Baugh	2004

TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

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. 1130, dated September 23, 2009.

The direction of the lines was determined by references to true meridians, established by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the *Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods*, dated May 9, 2001, Version 1.0. Trimble model 5800 GPS receivers were used for field collection. Cadastral Automated Plat Drafting (CAPD) software was the primary software utilized for the project calculations.

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 was thoroughly verified and only the true line field notes are given herein.

Geodetic Control was derived from GPS static observations, post processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): KENNECOTT1UT2005 CORS ARP, SALT LAKE CITY CORS ARP, and MIDVALE CORS ARP.

The geographic position of the corner of sections 29, 30, 31, and 32, T. 3 S., R. 7 W., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **40°31'15.240" N.**,

Longitude: **112°40'03.141" W.**

N.A.D. 1983, Network Accuracy = 0.200 meter at 95% confidence.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the West Boundary,
Township 3 South, Range 7 West, Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by J. Gorlinski
in 1871, and the Resurvey Executed by D.T. Gillins &
R.K. Baugh in 2006-08

Beginning at the corner of sections 25, 30, 31, and 36, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, in a mound of stone, 3 ft. base, 6 inches high to top of aluminum cap marked as described in the official record of the 2006-08 resurvey; with a steel fence post alongside the aluminum post.

Corner is located in an area severely burned by a recent wildfire, on a rocky, north-facing slope.

N. 0°19.2' E., between sections 25 and 30.

19.758 Point for the S 1/16 section corner of sections 25 and 30.

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

	S1/16	
S25		S30
	2009	

Set a steel fence post alongside aluminum post.

Corner is located in a small drainage, course west.

39.516 The 1/4 section corner of sections 25 and 30, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above the ground, with aluminum cap marked as described in the official record of the 2006-08 resurvey; with a steel fence post alongside aluminum post.

Dependent Resurvey of a Portion of the Subdivisional Lines,
Township 3 South, Range 7 West, Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
J. Gorlinski in 1871

From the corner of sections 29, 30, 31, and 32, monumented with a decayed and burnt quartzite, 26 X 12 X 6 inches, loosely set,

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

marked with dim notches; with a mound of stone 2 ft. base, 1ft. high, west of corner.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 8 inches in the ground to solid rock, magnet at base, in a mound of stone, 4 ft. base to top of aluminum cap marked:

T3SR7W	
S30	S29
S31	S32
2009	

Set a steel fence post alongside aluminum post.

Deposit marked stone at the base of mound of stone.

Corner is located in an area severely burned by recent wildfire, on a rocky, north-facing slope.

N. 89°52.5' W., between sections 30 and 31.

39.796 The 1/4 section corner of sections 30 and 31, monumented with a quartzite, 16 X 12 X 4 inches, loosely set, in a mound of stone, 3 ft. base, 6 inches high, plainly marked 1/4 on north face.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 22 inches in the ground to bedrock, magnet at base, in a mound of stone, 3 ft. base to top of aluminum cap marked:

T3SR7W	
S30	
1/4	—————
S31	
2009	

Set a steel fence post alongside aluminum post.

Deposit marked stone, inverted, alongside aluminum post.

Corner is located on a rocky, gentle, west facing slope.

N. 89°11.6' W., beginning new measurement.

20.190 Point for the W 1/16 section corner of sections 30 and 31, not monumented.

40.380 The corner of sections 25, 30, 31, and 36, on the west boundary of the township, hereinbefore described.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

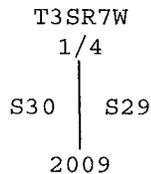
From the corner of sections 29, 30, 31, and 32.

N. 0°04.7' E., between sections 29 and 30.

- 39.880 The 1/4 section corner of sections 29 and 30, monumented with a grey sandstone, 10 X 10 X 3 inches, loosely set, plainly marked 1/4 on west face.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, magnet at base, with aluminum cap marked:



Set a steel fence post alongside aluminum post.

Deposit marked stone, inverted, alongside aluminum post.

Corner located 1.27 chains west of a barbed wire fence extending north and south.

N. 0°15.7' E., beginning new measurement.

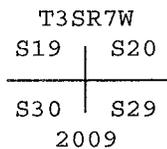
- 39.346 The corner of sections 19, 20, 29, and 30, monumented with quartzite stone, 21 X 9 X 7 inches, firmly set, in a scattered mound of stone, marked with 2 notches on south edge and 5 notches on east edge.

from which the 1871 bearing tree:

A burnt cedar, 15 inches diameter, bears S. 42°57' W., 1.65 chains distance, with illegible scribe marks on an open blaze. (Record: S. 40°30' W., 1.85 chains distance)

At the corner point

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



Raise a mound of stone, 3 ft. base, 2 ft. high, west of corner.

Set a steel fence post alongside aluminum post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposit marked stone at base of mound of stone.

Corner is located on a rocky, south-facing slope, 1.03 chains west of a barbed wire fence extending north and south.

N. 89°40.1' W., between sections 19 and 30.

- 40.054 The 1/4 section corner of sections 19 and 30, at proportionate distance; there is no remaining evidence of the original corner. Point falls in an area where all cedar trees are severely burned by recent wildfire.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 22 inches in the ground, magnet at base, in a mound of stone, 3 ft. base to top of aluminum cap marked:

T3SR7W
S19
1/4 ———
S30
2009

Set a steel fence post alongside aluminum post.

Corner is located on a rocky, south-facing slope.

- 79.948 The corner of sections 19, 24, 25, and 30, on the west boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, in a mound of stone, 3 ft. base, 6 inches high to top of aluminum cap marked as described in the official record of the 2006-08 resurvey; with a steel fence post alongside corner.
-

Survey of a Portion of the Subdivisional Lines,
Township 3 South, Range 7 West, Salt Lake Meridian, Utah

From the corner of sections 7, 8, 17, and 18, perpetuated and recorded by Henry J. Peterson, Registered Land Surveyor No. 501184, in 2003, monumented with an aluminum pipe, 2 1/2 inches diameter, firmly set, in a mound of stone, 4 ft. base, 4 inches high to top of a U.S. Forest Service aluminum cap, 3 1/4 inches diameter, marked:

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

U.S. DEPT. OF AGRICULTURE
T 3 S R 7 W
SEC 7 
UNSURVEYED
2003
CADASTRAL SURVEY
FOREST SERVICE

Note: Mr. Peterson determined the corner position at a fragment of a marked stone in the center of a mound of stone as per his Corner Record card on file with the U.S. Forest Service Supervisor's Office, Salt Lake City, Utah, No. 200500_A_UT26T0030S0070W. This point is accepted as a careful and faithful perpetuation of the original corner position. Ronald K. Baugh utilized this same monument as the corner position, but mislabeled its markings as per the official record of the 2004 resurvey.

An aluminum u-channel post is located 3 ft south of the aluminum pipe.

Corner is located online of a barbed wire fence extending north and south.

S. 0°21.7' W., between sections 17 and 18.

40.000 Point for the 1/4 section corner of sections 17 and 18.

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

T3SR7W
1/4
S18 | S17
2009

Set a steel fence post alongside aluminum post.

Corner is located 15 ft. west of a barbed wire fence extending north and south.

80.000 Point for the corner of sections 17, 18, 19, and 20.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 12 inches in the ground to bedrock, magnet at base, in a mound of stone, 4 ft. base, to top of aluminum cap marked:

T3SR7W
S18 | S17

S19 | S20
2009

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set a steel fence post alongside aluminum post.

Corner is located 0.76 chains south of the top of a ridge, bears northeast and southwest, and 0.53 chains west of a barbed wire fence extending north and south.

From the corner of sections 18 and 19 only, on the west boundary of the township, monumented with an aluminum post, 30 inches long, 2 1/2 inches diameter, firmly set, in a mound of stone, 3 ft. base, 6 inches high to top of aluminum cap marked as described in the official record of the 2006-08 resurvey.

S. 89°50.4' E., between sections 18 and 19.

40.000 Point for the 1/4 section corner of sections 18 and 19.

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

T3SR7W
S18
1/4 —————
S19
2009

Set a steel fence post alongside aluminum post.

Corner is located on a southwest-facing slope.

79.834 The corner of sections 17, 18, 19, and 20.

From the corner of sections 19, 20, 29, and 30.

N. 0°21.7' E., between sections 19 and 20.

40.000 Point for the 1/4 section corner of sections 19 and 20.

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

T3SR7W
1/4
S19 | S20
2009

Set a steel fence post alongside aluminum post.

Corner is located 1 chain west of a barbed wire fence extending north and south, and 53 links north of the bottom of a ravine, drains southwest.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

79.058 The corner of sections 17, 18, 19, and 20.

Subdivision of Section 30,
Township 3 South, Range 7 West, Salt Lake Meridian, Utah

From the 1/4 section corner of sections 30 and 31.

N. 0°01.4 W., on the N-S centerline of section 30.

19.969 Point for the center S 1/16 section corner of section 30, not monumented.

39.938 Point for the center 1/4 section corner of section 30, at intersection with the E-W centerline of section.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 12 inches in the ground to solid rock, magnet at base, in a mound of stone, 3 ft. base to top of aluminum cap marked:

T3SR7W
C1/4 S30
2009

Set a steel fence post alongside aluminum post.

79.369 The 1/4 section corner of sections 19 and 30.

From the 1/4 section corner of sections 29 and 30.

N. 89°47.4' W., on the E-W centerline of section 30.

39.862 The center 1/4 section corner of section 30.

59.970 Point for the center W 1/16 section corner of section 30.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 16 inches in the ground to solid rock, magnet at base, in a mound of stone, 4 ft. base to top of aluminum cap marked:

W1/16
C———C
S30
2009

Set steel fence post alongside aluminum post.

79.998 The 1/4 section corner of sections 25 and 30, on the west boundary of the township, hereinbefore described.

SUBDIVISION OF SECTION 30,
TOWNSHIP 3 SOUTH, RANGE 7 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

From the point for the W 1/16 section corner of sections 30 and 31.

N. 0°05.3' E., on the N-S centerline of the SW 1/4 of section 30.

- 19.863 Point for the SW 1/16 section corner of section 30, at intersection with the E-W centerline of the SW 1/4.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 18 inches in the ground to solid rock, magnet at base, in a mound of stone, 3 ft. base to top of aluminum cap marked:

SW1/16 S30
2009

Set a steel fence post alongside aluminum post.

- 39.726 The center W 1/16 section corner of section 30.

From the point for the center S 1/16 section corner of section 30.

N. 89°29.4' W., on the E-W centerline of the SW 1/4 of section 30.

- 20.149 The SW 1/16 section corner of section 30.

- 40.258 The S 1/16 section corner of sections 25 and 30, on the west boundary of the township, hereinbefore described.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Adrian Kurip	Survey Technician
Arlund Lewis	Survey Technician

CERTIFICATE OF SURVEY

I, Daniel T. Gillins, *Cadastral Surveyor*, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the *23rd day of September, 2009*, I have *dependently resurveyed a portion of west boundary and a portion of the subdivisional lines, surveyed a portion of the subdivisional lines, and subdivided section 30 in Township 3 South, Range 7 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 of the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

January 28, 2011

Date

Daniel T. Gillins

(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 west boundary and a portion of the subdivisional lines, survey of a portion of the subdivisional lines, and subdivision of section 30, in Township 3 South, Range 7 West, Salt Lake Meridian, Utah*, executed by *Daniel T. Gillins, Cadastral Surveyor*, having been critically examined and found correct, are hereby approved.

March 21, 2011

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)