

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL  
FIELD NOTES

OF

THE DEPENDENT RESURVEY OF A PORTION OF THE SOUTH AND WEST BOUNDARIES,

A PORTION OF THE SUBDIVISIONAL LINES,  
AND THE SUBDIVISION OF SECTIONS 30 AND 31

IN

**TOWNSHIP 8 SOUTH, RANGE 22 EAST**

OF THE SALT LAKE MERIDIAN

IN THE STATE OF UTAH

EXECUTED BY

***M. Ross Workman, Cadastral Surveyor and  
Ronald K. Batty, Survey Technician***

Under special instructions dated and approved **July 6, 2006**, which provided for the surveys included under group number **1017**, and assignment instructions dated **July 6, 2006**.

Survey Commenced **July 18, 2006**  
Survey Completed **July 26, 2006**

# INDEX DIAGRAM

8 SOUTH 22 EAST

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## TOWNSHIP 8 SOUTH, RANGE 22 EAST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the Dependent Resurvey of a portion of the south and west boundaries, a portion of the subdivisional lines, and the subdivision of sections 30 and 31, in T. 8 S., R 22 E., Salt Lake Meridian, Utah.

**History of Earlier Surveys**

	<b>Surveyed by</b>		<b>Retr. or Resurveyed by</b>	
<b>SOUTH BOUNDARY</b>				
All	D. G. Major	1882		
All			Talamantes & Heist	1904
All			C. P. Sylvester	1967
<b>EAST BOUNDARY</b>				
Portion	D. G. Major	1882		
All	R. Gentry	1916	R. Gentry	1916
Portion			J. C. Clark	1938-1944
<b>WEST BOUNDARY</b>				
All	E. Buettner	1879		
All			D. G. Major	1882
Portion			J. C. Clark	1938-1944
Portion			F. R. Chappell	1963
Portion			C. P. Sylvester	1967
<b>NORTH BOUNDARY</b>				
Portion	D. G. Major	1882		
All	J. C. Clark	1938-1944	J. C. Clark	1938-1944
<b>SUBDIVISION</b>				
Portion	D. G. Major	1882		
Portion	J. C. Clark	1938-1944	J. C. Clark	1938-1944
Portion			C. P. Sylvester	1967

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. 1017, dated July 6, 2006.

The directions of the lines were determined by references to the true meridians, established by the Global Positioning System (GPS) utilizing Real-time Kinematics (RTK) techniques throughout the survey. Trimble Model 5700 global positioning system receivers were used for field collection. Cadastral Measurement Management (CMM) software was the primary software utilized for project calculations.

## TOWNSHIP 8 SOUTH, RANGE 22 EAST, SALT LAKE MERIDIAN, UTAH

## CHAINS

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. The retracement data were thoroughly verified and only the true line 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; WANSHIP UT2004 CORS ARP, CARBON COUNTY COU CORS ARP, MYTON 1 CORS ARP. The NAD 83 (CORS96) geographic position of the corner of section 31 and 36, Township 8 South, Ranges 21 and 22 East is as follows:

Latitude: 40°04'21.270"N., Longitude: 109°29'31.533"W.  
Elevation: 4708.0 ft., N.A.V.D. 1988

Dependent Resurvey of a Portion of the South Boundary,  
T. 8 S., R. 22 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by D. G. Major in 1882,  
and the Resurvey executed by Talamantes and Heist in 1904, and  
the Resurvey executed by C. Sylvester in 1967.

Beginning at the corner of sections 5, 6, 31 and 32, monumented  
with an iron post, 2 1/2 inches diameter, firmly set, with the  
brass cap marked as described in the official record of the  
1967 resurvey.

N. 89°41.9' W., on the south boundary of section 31.

19.956 Point for the E 1/16 section corner of sections 6 and 31, not  
monumented.

39.912 The 1/4 section corner of sections 6 and 31, monumented with an  
iron post, 2 1/2 inches diameter, with brass cap marked as  
described in the official record of the 1967 resurvey.

N. 89°49.0' W., beginning new measurement.

20.050 Point for the W 1/16 section corner of section 31 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,

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

over a magnet, 24 inches in the ground with aluminum cap  
marked:

T8S R22E

W1/16 S31

2006

Corner is located on level ground in thick greasewood.

- 34.087** The closing corner of sections 1 and 6, Township 9 South, Ranges 21 and 22 East, monumented with an iron post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1967 resurvey.
- 39.889** The corner of Townships 8 South, Ranges 21 and 22 East, monumented with an iron post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1967 resurvey.

Dependent Resurvey of a Portion of the West Boundary,  
T. 8 S., R. 22 E., Salt Lake Meridian, Utah

**N. 0°35.4' W.**, between sections 31 and 36.

- 20.202** Point for the S 1/16 section corner of sections 31 and 36, at proportionate distance; there is no remaining evidence of the original corner.

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

T8S  
R21E R22E  
S1/16  
S36 | S31  
2006

Corner is located on the south edge of a small drainage to the East, and near the base at the east end of a mesa.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

- 40.404** The 1/4 section corner of sections 31 and 36, monumented with an iron post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1967 resurvey.

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**N. 0°38.0" W.** beginning new measurement.

- 20.264** Point for the N 1/16 section corner of sections 31 and 36, at proportionate distance; there is no remaining evidence of the original corner.

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

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T8S
R21E R22E
N 1/16
  |
S36 | S31
  |
2006

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Corner is located on flat ground in scattered greasewood, and approximately 4.5 chains north of an east-west dirt road.

- 40.528** The corner of Sections 25, 30, 31 and 36, monumented with an iron post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1967 resurvey.

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**N. 0°52.1' W.**, between sections 25 and 30.

- 20.167** Point for the S 1/16 section corner of sections 25 and 30, at proportionate distance; there is no remaining evidence of the original corner.

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

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T8S
R21E R22E
S 1/16
  |
S25 | S30
  |
2006

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DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Corner is located on flat ground in sparsely scattered greasewood.

- 40.334** The 1/4 section corner of sections 25 and 30, monumented with an iron post, 2 1/2 inches in diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1963 resurvey.

Corner is located on the southern edge of a wash bank, 5 ft. high, draining west irregularly.

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 8 S., R. 22 E., Salt Lake Meridian, Utah

From the corner of sections 5, 6, 31 and 32 on the south boundary of the Township, hereinbefore described.

**N. 0°06.4' W.**, between sections 31 and 32.

- 18.782** Point for the S 1/16 section corner of sections 31 and 32 at proportionate distance; there is no remaining evidence of the original corner.

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

$$\begin{array}{c} \text{S1/16} \\ | \\ \text{S31} \quad | \quad \text{S32} \\ | \\ \text{2006} \end{array}$$

Corner is located on level ground in scattered greasewood.

- 37.564** The 1/4 section corner of sections 31 and 32, monumented with an iron post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1967 resurvey.

**N. 0°05.9' W.**, beginning new measurement.

- 18.781** Point for the N 1/16 section corner of sections 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.

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

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

N 1/16  
S31 | S32  
2006

Corner is located on level ground with very little vegetation.

- 37.562** The corner of sections 29, 30, 31, and 32, monumented with an iron post, 2 1/2 inches diameter, set firmly in the ground, with brass cap marked as described in the official record of the 1967 resurvey.

**N. 85°38.7' W.**, between sections 30 and 31.

- 20.284** Point for the E 1/16 section corner of sections 30 and 31, at proportionate distance; there is no remaining evidence of the original corner.

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

S30  
E1/16 —————  
S31  
2006

Corner is located on flat ground approximate 8 chains south of east-west dirt road.

- 40.568** The 1/4 section corner of sections 30 and 31, monumented with an iron post, 2 1/2 inches in diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1967 resurvey.

**N. 85°38.1' W.**, beginning new measurement.

- 20.282** Point for the W 1/16 section corner of sections 30 and 31, at proportionate distance; there is no remaining evidence of the original corner.

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

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

S30  
W1/16 ———  
S31  
2006

Corner is located on flat land, approximately 200 feet west of dirt road which bears north-west and-south east

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

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

**N. 0°05.4' W.**, between sections 29 and 30.

- 21.600** Point for the S 1/16 section corner of sections 29 and 30, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 16 inches in the ground, in a mound of stone 4 1/2 foot base to top, with aluminum cap marked:

S 1/16  
S30 | S29  
2006

Corner is located on a sandy south facing slope of a small draw draining south-west.

- 43.200** The 1/4 section corner of sections 29 and 30, monumented with an iron post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1967 resurvey.

Dependent Resurvey of a portion of the Subdivision of  
Section 30, by the Three Mile Method, T. 8 S., R. 22 E.,  
Salt Lake Meridian, Utah

From the S 1/16 section corner of sections 29 and 30.

**N. 86°40.1' W.**, on the E-W center line of the S 1/2 of section 30.

- 20.254** Point for the SE 1/16 section corner of section 30, at

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF  
SECTION 30, BY THE THREE MILE METHOD,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

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

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

SE 1/16 S 30

2006

The corner is located on a gradual west slope of a sandy spur.

- 40.508** Point for the center S 1/16 section corner of section 30 at proportionate distance; there is no remaining evidence of the original corner.

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

C  
|  
S 1/16 | S 30  
|  
C

2006

The corner is located on a gradual slope in scattered rabbit brush.

- 60.762** Point for the SW 1/16 corner of section 30 at proportionate distance; there is no remaining evidence of the original corner.

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

SW 1/16 S 30

2006

The corner is located approximately 200 feet east of a dirt road bearing north-west and south-east.

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

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

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF  
SECTION 30, BY THE THREE MILE METHOD,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

N. 87°41.5' W., on the E-W center line of section 30.

- 20.294** Point for the center E 1/16 section corner of section 30, at proportionate distance; there is no remaining evidence of the original corner.

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

$$\begin{array}{c} \text{E 1/16} \\ \text{C} \frac{\quad}{\quad} \text{C} \\ \text{S30} \end{array}$$

2006

The corner is located in the north-east corner of an old, dried up stock pond.

- 40.588** Point for the center 1/4 section corner of section 30, at proportionate distance; there is no remaining evidence of the original corner.

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

T8SR22E

C1/4 S30

2006

The corner is located on level ground, approximately 2 chains south of the base of a bluff.

- 60.882** Point for the center W 1/16 section corner of section 30, at proportionate distance, falls on a rocky ledge, 2 feet high, at base of low clay ridge; there is no remaining evidence of the original corner

Set a railroad spike.

The corner is located on a steep south-east slope, near the base of a low high ridge.

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

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF  
SECTION 31, BY THE THREE MILE METHOD,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

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Dependent Resurvey of a Portion of the Subdivision of  
Section 31, by the Three Mile Method,  
T. 8 S., R. 22 E., Salt Lake Meridian, Utah

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From the S 1/16 section corner of sections 31 and 32,  
N. 88°44.5' W., on the E-W centerline of the S 1/2 of  
section 31.

- 19.997** Point for the SE 1/16 section corner of section 31, at proportionate distance; there is no remaining evidence of the original corner.

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

SE 1/16    S 31

2006

The corner is located in the NW corner of an oil well pad.

- 39.994** Point for the center S 1/16 section corner of section 31 at proportionate distance; there is no remaining evidence of the original corner.

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

C  
|  
S1/16 | S 31  
|  
C  
2006

The corner is located near the southern edge of an east-west dirt road, 10 ft. from the center-line.

- 59.991** Point for the SW 1/16 section corner of section 31, at proportionate distance; there is no remaining evidence of the original corner.

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

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF  
SECTION 31, BY THE THREE MILE METHOD,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

SW 1/16 S 31

2006

The corner is located on level ground in scattered greasewood.

- 79.988** The S 1/16 section corner of sections 31 and 36 on the west boundary of the township, hereinbefore described.

From the 1/4 section corner of sections 31 and 32.

**N. 87°43.9' W.**, on the E-W center line of section 31,

- 20.113** Point for the center E 1/16 section corner of section 31, at proportionate distance; there is no remaining evidence of the original corner.

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

$$\begin{array}{c} \text{E } 1/16 \\ \text{C} \frac{\quad}{\text{S31}} \text{C} \end{array}$$

2006

Corner is located on level ground in sparsely scattered greasewood.

- 40.226** Point for the center 1/4 section corner of sections 31 at proportionate distance; there is no remaining evidence of the original corner.

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

T8SR22E

C 1/4 S31

2006

The corner is located on level ground in scattered greasewood.

- 60.339** Point for the center W 1/16 section corner of section 31, at proportionate distance; there is no remaining evidence o the original corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF  
SECTION 31, BY THE THREE MILE METHOD,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

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

$$C \frac{W \ 1/16}{S \ 31} C$$

2006

The corner is located 22 feet west of a gravel road, which bears north-east and south-west.

- 80.201** The 1/4 section corner of sections 31 and 36 on the west boundary of the township, hereinbefore described.

From the N 1/16 section corner of sections 31 and 32.

**N. 86°40.9' W.**, on the E-W centerline of the N 1/2 of section 31.

- 20.140** Point for the NE 1/16 section corner of section 31, at proportionate distance; there is no remaining evidence of the original corner.

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

$$NE \ 1/16 \ S31$$

2006

The corner is located approximately 6 feet east of an east-west underground pipeline.

- 40.280** Point for the center N 1/16 section corner of section 31, at proportionate distance; there is no remaining evidence of the original corner; not monumented.
- 60.420** Point for the NE 1/16 section corner of section 31, at proportionate distance; there is no remaining evidence of the original corner; not monumented.
- 80.460** The N 1/16 section corner of sections 31 and 36, on the west boundary of the township, hereinbefore described.

THE SURVEY OF A PORTION OF THE SUBDIVISION OF SECTION 30,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

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The Survey of a Portion of the Subdivision of Section 30.  
T. 8 S., R. 22 E., Salt Lake Meridian, Utah

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

**N. 0° 24.6' W.**, on the north-south centerline of section 30.

**20.881** The center 1/4 section corner of section 30.

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From the E 1/16 section corner of sections 30 and 31.

**N. 0° 04.8' W.**, on the north-south centerline of the SE 1/4 of section 30.

**21.237** The SE 1/16 section corner of section 30.

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From the SW 1/16 section corner of section 30

**N. 0° 34.8' W.**, on the north-south centerline of the SW 1/4 of section 30.

**20.522** The center W 1/16 section corner of section 30.

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The Survey of a Portion of the Subdivision of Section 31.  
T. 8 S., R. 22 E., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 6 and 31, on the south boundary of the township, hereinbefore described.

**N. 0° 19.5' W.**, on the north-south centerline of section 31.

**19.450** The center S 1/16 section corner of section 31.

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**N. 0° 43.5' W.**, beginning new measurement.

**19.498** The center 1/4 section corner of section 31.

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From the center E 1/16 section corner of section 31.

**N. 0° 07.6' W.**, on the north-south centerline of the NE 1/4 of section 31.

**19.151** The NE 1/16 section corner of section 31.

THE SURVEY OF A PORTION OF THE SUBDIVISION OF SECTION 31,  
T. 8 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

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N. 0° 27.3' W., beginning new measurement.

19.156 The E 1/16 section corner of sections 30 and 31.

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From the W 1/16 section corner of section 31 only, on the south boundary of the township, hereinbefore described.

N. 0° 09.4' W., on the north-south centerline of the SW 1/4 of section 31.

19.825 The SW 1/16 section corner of section 31.

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From the center W 1/16 section corner of section 31.

N. 0° 10.8' W., on the north-south centerline of the NW 1/4 of section 31.

19.889 The point for the NW 1/16 section corner of section 31.

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N. 1° 07.3' W., beginning new measurement.

19.912 The W 1/16 section corner of sections 30 and 31.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

<b>Name</b>	<b>Capacity</b>
Adrian Kurip	Survey Technician
Jerry Thomas	Cadastral Surveyor

## CERTIFICATE OF SURVEY

We, **M. Ross Workman, Cadastral Surveyor, and Ronald K. Batty, Survey Technician**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the **6th day of July, 2006**, We have **executed a dependent resurvey of a portion of the south and west boundaries, a portion of the subdivisional lines, and the subdivision of sections 30 and 31, in T. 8 S., R 22 E., 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.

11-25-2007

Date

M. Ross Workman  
(Cadastral Surveyor)

11/25/07

Date

R. K. Batty  
(Survey Technician)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the south and west boundaries, a portion of the subdivisional lines, and the subdivision of sections 30 and 31, in T. 8 S., R 22 E., Salt Lake Meridian, Utah**, executed by **M. Ross Workman, Cadastral Surveyor and Ronald K. Batty, Survey Technician**, having been critically examined and found correct, are hereby approved.

December 14, 2007

Date

Daniel W. Webb  
Chief Cadastral Surveyor for Utah