

LOCATED IN ALL THE QUARTERS OF SECTION 13
AND THE NORTHWEST QUARTER AND THE
NORTHEAST QUARTER OF SECTION 24,
TOWNSHIP 6 NORTH, RANGE 4 WEST OF THE
SALT LAKE BASE AND MERIDIAN

Little Mountain Survey Narrative

- The purpose of this survey is to retrace the boundaries of U. S. Department of Defense land controlled and administered by the Air Force located at the facility known as Little Mountain. Title documents for this property are filing # 279332 dated 8 August 1957 conveying land from Marquardt Aircraft to the U.S.A., and filing #598158 dated 27 July 1973 conveying a portion of the 1957 dealing to the State of Utah. These documents are recorded in the Office of the Weber County Recorder. Southern Pacific Railroad right of way map for the section of railroad adjoining the South boundary described in the above documents, shows a 100 feet wide, 50 feet either side of the center of the main line right of way, conveyed to Central Pacific Railroad by Inland Crystal Salt Company in 1902 and Fred L. Foy in 1900, for the Lucin Cutoff causeway.
- The Basis of Bearings for this survey is a geodetic basis, Universal Transverse Mercator (UTM) Zone 12 North, grid bearings. Also expressed as South $89^{\circ}46'09''$ East along the line between the Northwest corner and the Northeast corner of Section 24.
- Retracements: The East line of the property is retraced along lines between found monuments marking the corners, quarter corner and meander corner of Sections 13 and 24. The North line is retraced along the North line of Section 13 from found monuments marking the Northeast corner and North Quarter corner of Section 13, 930.00 feet (ground). The North most West line is retraced at a bearing 90° from the North line of Section 13, 550.00 feet (ground). The Northwest line is retraced along a line between the end of the previous line and a found iron bar marker. This line is very nearly parallel to the existing fence. The West line of Section 13 is retraced between the Southwest corner monument and a found iron bar marker accepted as the best evidence of the West line. The West line of Section 24 is retraced at a 90° bearing from the line between the Northwest corner of Section 24 (SW of 13) and the Northeast corner of Section 24 (SE of 13), being a rotation of $1^{\circ}13'51''$ clockwise from the record bearing. The West line of the Northwest Quarter of Section 24 is extended southerly from the Section corner to the Union Pacific Railroad North right of way line. The Railroad right of way is retraced 50 feet offset to the North from a best fit line at the center of the track mainline. The bearing of the South line of Lot 4 of Section 24 is assumed to be West from the meander corner.
- Markers: Sections corners indicated as boundary corners by the survey were found largely as indicated by Weber County Section Corner Data Sheets. At the Westerly most Northwest corner two sets of iron bar markers were found. Each set had a $5/8''$ iron bar marker set down nearly flush with the salt play, presumably marking the corner, and a $1/2''$ rebar left up about 2' with remnants flagging, presumably set to flag the corner. Both sets appeared similar. The set closest to the calculated value was accepted as the corner. A $5/8'' \times 24''$ bar with a Geobase Aluminum cap was set alongside the accepted corner. Nothing was found at the South two corners. Some excavation and movement of earth was apparent at both locations. A $5/8'' \times 24''$ rebar with Geobase Aluminum cap was set for both corners as shown. All other corners are substantially occupied by concrete embedded fence posts.
- Documents used in the conduct of this survey include:
Survey Plat Township 6 North, Range 4 West, Salt Lake Meridian, J. Troslowski, 1855.
Deed, Fred L. Foy to Central Pacific Railroad dated 19 Sept 1900, Bk. 34, Pg. 563.
Bargain and Sale Deed, Inland Crystal Salt Company to Central Pacific Railroad dated 7 Aug 1902, Bk E of Leases, Pg. 319.
Right of Way and Track Map, Main Line, Southern Pacific Company, Station 546+73.7 to 750+00.
BLM Re-survey of Meander Corners Sections 19 and 24, Chappell, 1978.
Property Survey, LCC International, portion of Section 18, Larsen, 2001.
ALTA / ACSM Survey IMC Salt, portions of Sections 7 and 12, Newman 2001.
- Combined scale factor used for Grid to Ground conversion is 1.00039806. Distances not marked as grid are ground measurements.

Boundary Description

That part of Government Lots 1, 2, 3, and 4 and the Northwest Quarter and the North Half of the Northeast Quarter of Section 24, Township 6 North, Range 4 West of the Salt Lake Base and Meridian that lies North of the Union Pacific Railroad right of way and part of Section 13 described as follows:

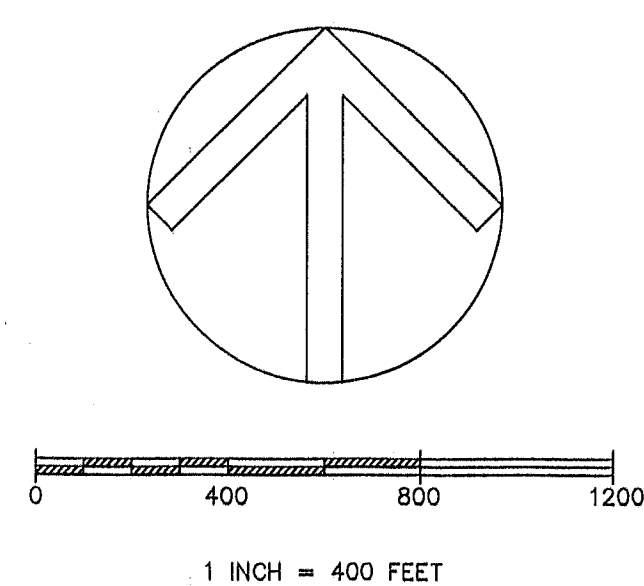
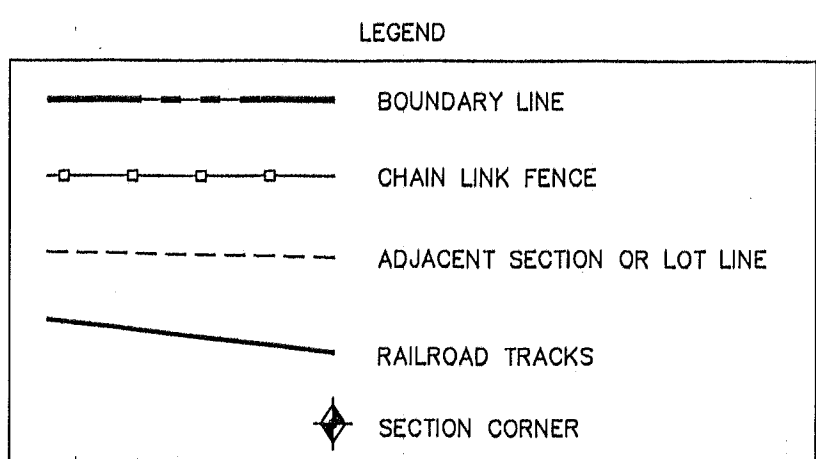
- Beginning at the Southeast corner of said Section 13, also being the Northeast corner of said Section 24; and thence South $00^{\circ}46'02''$ West along the West line of said Section 24, 2412.82 feet to the Southeast meander corner of said Section 24;
- thence North $89^{\circ}13'58''$ West along the South meander line of Lot 4, of said Section 24, 1090.19 feet to the North line of the Union Pacific Railroad right of way;
- thence North $83^{\circ}20'26''$ West along the North line of said right of way, 4226.39 feet to the West line of the Northwest Quarter of said Section 24;
- thence North $1^{\circ}13'51''$ East along the West line of the Northwest Quarter of said Section 24, 2021.73 feet to the Northwest corner of said Section 24 also being the Southwest corner of Section 13;
- thence North $1^{\circ}17'15''$ East along the West line of said Section 13, 1692.42 feet;
- thence North $55^{\circ}57'10''$ East (N $55^{\circ}12' E$ by record) along a chain link boundary fence and its Southwesterly extension, 5297.98 feet (N $55^{\circ}12' E$, 5297.45 +/- by record);
- thence North $00^{\circ}56'47''$ East (North by record), 550.00 feet to the North line of said Section 13;
- thence South $89^{\circ}03'13''$ East (East by record) along the North line of said Section 13, 930.00 feet to the Northeast corner of said Section 13;
- thence South $00^{\circ}57'49''$ West along the East line of the Northeast Quarter of said Section 13, 2656.81 feet to the East Quarter corner of said Section 13;
- thence South $00^{\circ}56'47''$ West along the East line of the Southeast Quarter of said Section 13, 2649.23 feet to the beginning.

708.21 Acres +/-

Surveyor Certification

I hereby certify that the survey and all measurements shown hereon are true and correct to the best of my knowledge and belief as surveyed in the field under my direction.

Rayne J. Smith, Utah License # 334561, D 106
JULY 2019
SMITH
STATE OF UTAH



SET 5/8" REBAR WITH GEOBASE CAP ALONGSIDE FOUND 5/8" IRON BAR

SOUTHWEST CORNER, SECTION 13, NORTHWEST CORNER, SECTION 24, TOWNSHIP 6 NORTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY MONUMENT #6N4W23NE

N $1^{\circ}13'51'' E$, 2021.73', 2020.97' GRID (NORTH BY RECORD)

LOT 1

SET 5/8" REBAR WITH GEOBASE CAP 5.0 FEET NORTH OF CORNER

NORTH QUARTER CORNER, SECTION 13, TOWNSHIP 6 NORTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY MONUMENT #6N4W13N

N $55^{\circ}57'08'' E$, 5797.98', 5298.67' GRID BY RECORD
(S $55^{\circ}12' W$, 5297.45 +/- BY RECORD)

708.21 AC +/-

SOUTH QUARTER CORNER, SECTION 13, NORTH QUARTER CORNER, SECTION 24, TOWNSHIP 6 NORTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY MONUMENT #6N4W24N

BASIS OF BEARINGS
S $88^{\circ}36'30'' E$, 2694.63' GRID

S $88^{\circ}56'13'' E$, 2581.35' GRID

SOUTHEAST CORNER, SECTION 13, TOWNSHIP 6 NORTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY MONUMENT #6N4W24NE
POINT OF BEGINNING

S $00^{\circ}46'02'' W$, 2412.82'

2411.88' GRID

10-051-0003
S $89^{\circ}03'13'' E$, 2553.17', 2553.17' GRID

10-039-0004
STEEL FENCE POST IN CONCRETE OCCUPIES CORNER
S $89^{\circ}03'13'' E$, 930.00', 929.63' GRID (EAST BY RECORD)

STEEL FENCE POST IN CONCRETE OCCUPIES CORNER

EAST QUARTER CORNER, SECTION 13, TOWNSHIP 6 NORTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY MONUMENT #6N4W13E

S $00^{\circ}57'49'' W$, 2656.81', 2656.73' GRID

10-039-0001
S $00^{\circ}56'47'' W$, 2649.23'

2648.18' GRID

10-039-0004
S $00^{\circ}46'02'' W$, 2412.82'

2411.88' GRID

2411.88' GRID

MEANDER CORNER, SECTION 24, TOWNSHIP 6 NORTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY MONUMENT #6N4W24MC

EAST QUARTER CORNER, SECTION 24, TOWNSHIP 6 NORTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY MONUMENT #6N4W24E

NORTHEAST CORNER, SECTION 13, TOWNSHIP 6 NORTH, RANGE 4 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY MONUMENT #6N4W13NE



DATE	APPROVAL MARK

DESCRIPTION

CHECKED BY:	DATE:
SMITH	31 JULY 2019

75 Civil Engineer Group
Base Surveyor:
75 CEG / CENP
5713 Lahm Lane, Bldg. 593N, Room 211
Hill Air Force Base, UT 84036-5410

HILL AFB, LITTLE MOUNTAIN
BOUNDARY SURVEY
RECORD OF SURVEY PLAT