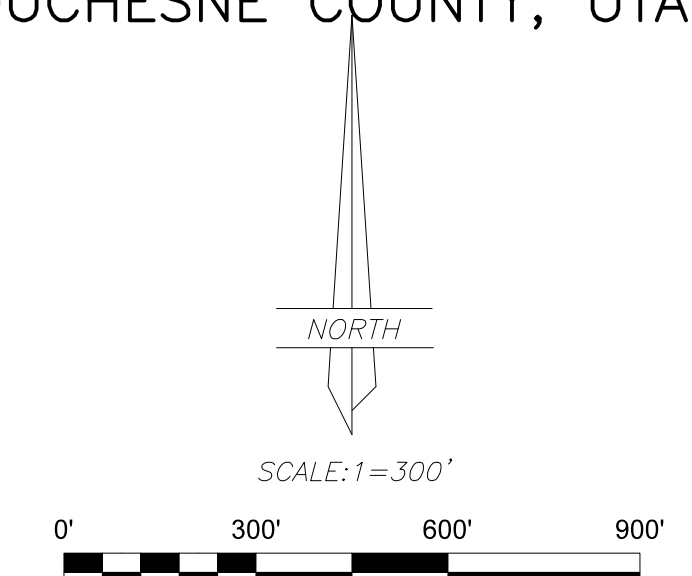


# RECORD OF SURVEY FOR INTEGRATED WATER MANAGEMENT

## SECTION 6, TOWNSHIP 3 SOUTH, RANGE 4 WEST UINTAH SPECIAL BASE AND MERIDIAN DUCHESNE COUNTY, UTAH



- LEGEND**
- FOUND MONUMENT AT SECTION CORNER
  - FOUND MONUMENT AT QUARTER CORNER
  - FOUND MONUMENT AT CLOSING CORNER
  - FOUND OR SET REBAR AT 1/16 CORNER
  - FOUND REBAR AT PROPERTY CORNER
  - SET 5/8"x24" REBAR WITH CAP STAMPED ALLRED SURVEYING AT PROPERTY CORNER
  - FOUND HIGHWAY RIGHT-OF-WAY MARKER
  - SET 1/2"x24" REBAR WITH CAP STAMPED 148951 ON PROPERTY LINE
  - SET 8" SPIKES WITH "WHISKERS" ON LINE

**NARRATIVE**

THIS SURVEY WAS PERFORMED AT THE REQUEST OF INTEGRATED WATER MANAGEMENT FOR THE PURPOSE OF LOCATING THE CORNERS OF THE NEW SECTION 6 AS SHOWN ON THIS PLAN.

THIS SECTION WAS ORIGINALLY SURVEYED BY THE GENERAL LAND OFFICE IN 1883 USING THE "3-MILE METHOD" OF SECTION SUBDIVISION AND SETTING STONE CORNERS. THE EXTERIOR SECTION LINES WERE RESURVEYED BY THE G.L.O. IN 1916 SETTING BRASS CAPS ON IRON PIPE MONUMENTS.

A SEARCH WAS MADE FOR ALL OF THE ALIQUOT PART CORNERS. MANY OF THE 1916 MONUMENTS WERE FOUND AND NOTED ON THE PLAN. NONE OF THE 1883 STONE CORNERS WERE FOUND. SEVERAL REBAR MONUMENTS WERE FOUND AT THE ALIQUOT PART POSITIONS DETERMINED BY USING THE STANDARD SECTION BREAKDOWN METHOD. SOME OF THESE REBAR MONUMENTS WERE SET BY THIS SURVEYOR IN 1986 WHILE SURVEYING THE NE1/4 OF THE SE1/4 OF THE NW1/4 FOR DUCHESNE COUNTY USING THE STANDARD METHOD OF SECTION SUBDIVISION.

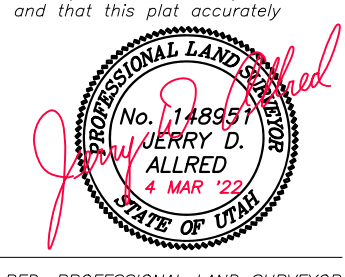
THE "3-MILE METHOD" WAS GENERALLY UNKNOWN BY THE SURVEYING PROFESSION AT THE TIME AND WAS NOT ADDRESSED IN THE MANUAL OF SURVEYING INSTRUCTIONS 1921. LATER RESEARCH MOST NOTABLY BY NELSON MARSHALL, BROUGHT TO LIGHT INFORMATION FROM THE BUREAU OF LAND MANAGEMENT REGARDING THE "3-MILE METHOD" WHICH WAS USED AS AN ALTERNATE PROCEDURE ON SURVEYS PERFORMED ON INDIAN RESERVATIONS BY THE GENERAL LAND OFFICE.

THE 1916 G.L.O. RESURVEY NOTED THAT THE BOUNDARIES OF THE SECTIONS REMAINED UNCHANGED FROM THE 1883 SURVEY AND THAT THE LANDS WOULD CONTINUE TO BE DISPOSED OF BY THE 1883 PLAT. THEREFORE, THE "3-MILE METHOD" WOULD BE THE CORRECT WAY THE SECTION SHOULD HAVE BEEN SUBDIVIDED. HOWEVER, BECAUSE MANY PROPERTY CORNERS HAVE BEEN SET AND LINES OF POSSESSION ESTABLISHED OVER THE YEARS IT DOES NOT SEEM WISE TO TRY TO USE THE "3-MILE METHOD" AND DISRUPT THE SETTLED PROPERTY LINES ALREADY IN PLACE. THEREFORE, THE FOUND REBAR MONUMENTS WERE HELD AND USED TO CONTROL THIS SURVEY, FALLING BACK ON THE STANDARD METHOD.

SURVEY SPIKES WITH "WHISKERS" WERE SET AS POINTS ON LINE ALONG THE LOT LINES.

**SURVEYOR'S CERTIFICATE**

I, Jerry D. Allred, do hereby certify that I am a Professional Land Surveyor, and that I hold certificate no. 148951 as prescribed by the laws of the State of Utah. I further certify that this plan and its computations were prepared from the field notes and electronic data collection of an actual survey made by me, or under my personal supervision, of the parcels of land shown hereon, and that the monuments indicated were found or set during said survey, and that this plan accurately represents said survey to the best of my knowledge.



JERRY D. ALLRED, PROFESSIONAL LAND SURVEYOR  
CERTIFICATE NO. 148951 (UTAH)

**BASIS OF BEARINGS**

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT. THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°15'22.90258"N AND LONG. 110°23'21.19767"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER.

COUNTY SURVEYOR FILE NO. **5087**

**JERRY D. ALLRED & ASSOCIATES, INC.**  
SURVEYING CONSULTANTS  
1235 NORTH 700 EAST—P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

