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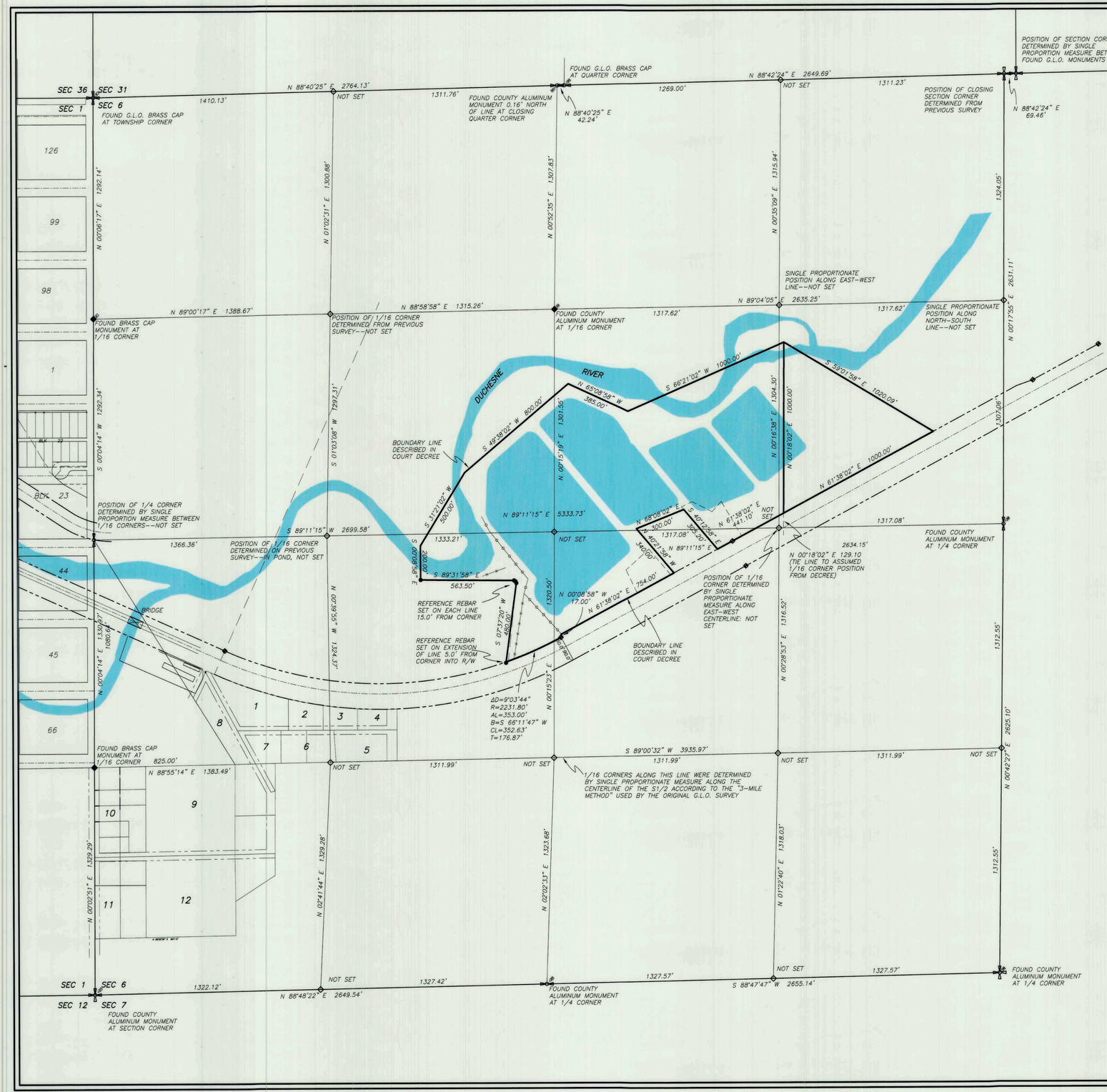


PROPERTY SURVEY FOR

# DUCHESNE CITY CORP.

SECTION 6, TOWNSHIP 4 SOUTH, RANGE 4 WEST
UINTAH SPECIAL BASE AND MERIDIAN

NORTH

SCALE:1"=300'

0 300 600

## LEGEND, NOTES, AND NARRATIVE

- SECTION CORNERS FOUND OR REESTABLISHED BY THIS SURVEY
- QUARTER CORNERS FOUND OR REESTABLISHED BY THIS SURVEY
- SIXTEENTH CORNERS FOUND BY THIS SURVEY
- SIXTEENTH CORNERS REESTABLISHED BY THIS SURVEY
- FOUND HIGHWAY RIGHT-OF-WAY MARKERS
- EXISTING BARB WIRE FENCE
- EXISTING CHAIN LINK FENCE

THIS SURVEY WAS PERFORMED AT THE REQUEST OF DUCHESNE CITY FOR THE PURPOSE OF LOCATING ON THE GROUND THE WEST LINE OF THE CITY SEWER LAGOON PROPERTY IN ORDER TO DETERMINE THAT PORTION OF CITY PROPERTY WHICH IS WEST OF THE EXISTING BARB WIRE FENCE. THIS PLAT SHOWS THE RELATIONSHIPS BETWEEN THE PROPERTY LINES AND THE FENCES IN THE AREA. SOME OF THE ISSUES CONSIDERED DURING THE SURVEY ARE LISTED AS FOLLOWS:

1 SECTION 6 WAS ORIGINALLY SURVEYED BY THE GENERAL LAND OFFICE IN 1882 USING THE "THREE MILE METHOD" OF SUBDIVISION. HOWEVER THE EAST-WEST CENTERLINE OF THE NORTH HALF WAS NOT RUN NOR WAS THE EAST-WEST CENTERLINE. THE EAST-WEST CENTERLINE OF THE SOUTH HALF WAS RUN. THEREFORE, THIS SURVEY USED THE "THREE MILE METHOD" TO SUBDIVIDE ALONG THE EAST-WEST CENTERLINE IN THE SOUTH HALF BUT NOT IN THE NORTH HALF. THE STATUTORY METHOD OF SUBDIVISION WAS USED TO LOCATE THE CENTER QUARTER CORNER, BY INTERSECTING THE NORTH-SOUTH AND EAST-WEST LINES CONNECTING THE NEAREST FOUND CORNERS.

2 SECTION 6 IS A CLOSING SECTION ALONG BOTH THE NORTH AND WEST SIDES WITH LOTS ALONG THESE LINES. THE BREAKDOWN OF THE ALIQUOT PARTS WAS PERFORMED ACCORDINGLY.

3 SEVERAL SURVEYS HAVE BEEN PERFORMED IN SECTION 6 AND COPIES OF THOSE PLATS WERE CONSULTED TO HELP DETERMINE THE MONUMENTATION PREVIOUSLY SET. THESE POSITIONS WERE HELD UNLESS THEY WERE SET WITHOUT REGARD TO THE G.L.O. RECORD.

4 THE POSITION OF THE WEST QUARTER CORNER WAS DETERMINED BY SINGLE PROPORTION MEASURE BETWEEN THE TWO FOUND 1/16 CORNERS AND AGREED VERY CLOSELY WITH THE LOCATION DETERMINED ON PREVIOUS SURVEYS.

5 SEVERAL U.S. HIGHWAY 40 RIGHT-OF-WAY MARKERS WERE FOUND AS INDICATED ON THIS PLAT AND WERE USED TO DEFINE THE LOCATION OF THE HIGHWAY RIGHT-OF-WAY LINE WHICH IS A CALLED FOR ELEMENT IN THE DESCRIPTION OF THE DUCHESNE CITY SEWER LAGOON PROPERTY. (SEE NOTE 6)

6 THE BOUNDARY LINES OF THE CITY SEWER LAGOON PROPERTY WERE PLOTTED FROM THE DESCRIPTION GIVEN IN THE FOURTH DISTRICT COURT DECREE NO. 4307, RECORDED ON PAGES 259-260, BOOK A-10 ON FILE IN THE COUNTY RECORDER'S OFFICE.

7 THE PLOT WAS THEN ROTATED AND TRANSLATED TO FIT THE RIGHT-OF-WAY LINE AS DEFINED BY THE FOUND RIGHT-OF-WAY MARKERS AND AS CALLED FOR IN THE DESCRIPTION.

8 A MIS-CLOSURE WAS FOUND IN THE WEST LINE OF THE DESCRIBED PARCEL. THE CALL FOR 480 FEET TO THE HIGHWAY RIGHT-OF-WAY LINE EXTENDS INTO THE RIGHT-OF-WAY ABOUT 6 FEET AT A POINT WHICH IS SOUTHWEST 342 FEET, MORE OR LESS FROM THE POINT OF CURVATURE AND WIDTH CHANGE ON THE RIGHT-OF-WAY LINE. THE CALLED FOR DISTANCE ALONG THE RIGHT-OF-WAY IS 353.0 FEET. WHEN THE WEST LINE IS ROTATED TO FIT THE DISTANCE ALONG THE CURVE IT YIELDS A DISTANCE ALONG THE WEST LINE OF 480.0 FEET, THE SAME AS THE CALLED FOR DISTANCE. THE CONCLUSION OF THIS SURVEYOR IS THAT AN ERROR WAS MADE IN THE LISTED BEARING OF THE WEST LINE. THE WEST LINE HAS THEREFORE BEEN SET AT THE POSITION DETERMINED BY HOLDING THE CALLED FOR DISTANCES AND FOUND MONUMENTS. THIS CAUSES AN ADJUSTMENT IN THE BEARING OF THE WEST LINE.

9 REFERENCE REBAR WERE SET AT EACH END OF THE WEST PROPERTY LINE AS NOTED ON THE PLAT BECAUSE THE POINTS OF THE CORNERS WERE INACCESSIBLE. AT THE SOUTH END THE REBAR WAS SET ON THE 5.0 FEET EXTENSION OF THE LINE. AT THE NORTH END TWO REBAR WERE SET: 15.0 FEET ALONG THE LINES GOING SOUTH AND WEST.

### SURVEYOR'S CERTIFICATE

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the parcel of land shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
25 JUL 17
STATE OF UTAH

Jerry D. Allred, Professional Land Surveyor, Certificate No. 148951, (Utah)

COUNTY SURVEYOR FILE NO. 3572

REV 25 JUL 2017
5 DEC 2016 72-123-130

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