

Missoula County Control Point Datasheet

Monument Description: 3-1/2" Aluminum Cap 9330LS

Project Name: All

Station Description: 1/4 Corner

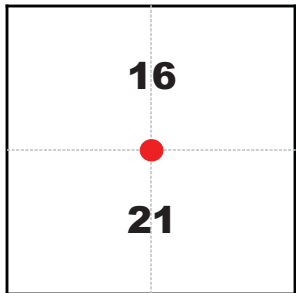
Date Visited: Sept. 3, 2010

Monument Stability: B- GPS Visibility: B-

Observer: CLG

Quad. Name: Northeast Missoula

T. 13 N. R. 18 W.



NAD 83 (2007) Lat/Long Position

46°52'40.856"N

113°52'51.590"W

NAVD 88 Elevation: 3303.8 sft.

Notes:

Need traffic cones.

Photo of Monument



Photo Looking North



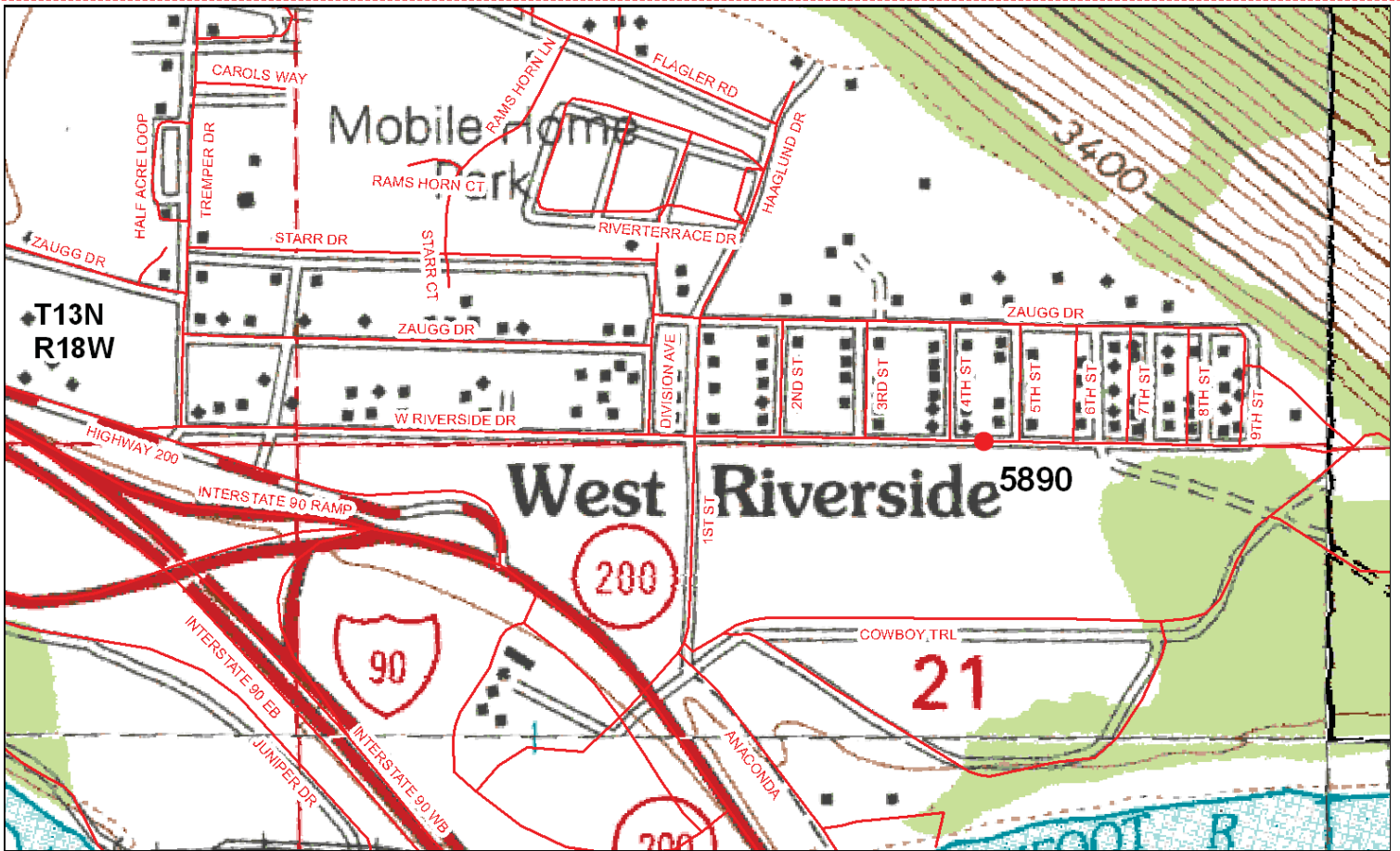
Photo Looking East



Photo Looking West



To Reach: 2wd access.



Map of Area

Q-CO-STD/152

INSTRUCTIONS

1. Original and/or subsequent record used to evaluate the corner position.
2. Description of evidence found, note discrepancies in the record, state method of establishing lot or unshared corners.
3. Description of evidence found, note discrepancies in the record, state method of establishing lot or unshared corners.
4. Sketch of corner, show all pertinent data which can be shown in a field sketch, corner marking, topography, etc., position of accessions.
5. Certification must be signed and sealed by Land Surveyor registered in the State of Montana.
6. Fill in Cross Index & Section Diagram at bottom of sheet.

CERTIFIED CORNER RECORDATION

Corner 1/4 Corner Section 16 & 21 T. 13 N. R. 18 W. P.M.M. Missoula County

1883 GLO Record: Set granite rock 20x8x8 ins., 15 ins. in the ground marked with 1/4 on north face and raised mound of stone along side

Subsequent Record: There are no subsequent records indicating recovery of the original GLO corner. The plats of West Riverside and West Riverside No. 1 (1910 & 1925) indicate the section line to be the south boundary of the subdivision, and both give ties to the section cor. of Sections 16, 17, 20 and 21, but do not specifically note the 1/4 corner, even though the 1/4 corner would appear to be near the boundary between the two subdivisions. Although the GLO record and plat indicate a significant angle break at the 1/4 corner, the West Riverside plats indicate a straight bearing from the west section corner and east to well east of the 1/4 corner position, further indicating that the 1/4 corner was not in existence at the time the West Riverside plats were prepared.

Several easement surveys were prepared in 1974 and 1975 by Surveyor 2345EN, recorded as COS's 121, 130, 492. These surveys seem to indicate a calculated or projected position for the 1/4 corner, but provide no record of existing monumentation or perpetuation. Other surveys in the vicinity from this era, make more remote ties to other corners in Section 16, indicating the lack of a physical monument for the corner at that time.

COS 320 indicates a straight section line between section corners east and west, with no mention of the 1/4 corner. This COS indicates the straight section line would encroach roughly 39 feet north into the West Riverside lots, while the section line is supposed to be the south boundary of said subdivision.

2004 Found: We find no evidence of the original GLO corner, and we find no subsequent monumentation. No subsequent records were examined that were deemed reliable to position the corner. With no reliable monumentation or record of the corner, dating back some 95 years, we find no alternative except proportional measure to position the corner.

2004 Perpetuation: As the GLO records and plat indicate a significant angle break at the 1/4 position, we use a broken boundary adjustment, utilizing found section corners east and west, providing a calculated position for the corner based upon the GLO plat. The calculated position falls in the asphalt centerline of Riverside Drive, which appears to coincide with the position of the section line per the West Riverside plats. At the calculated position, we set a 5.8" x 3.0" red wood stake with 5147 aluminum cap 0.5" below surface of asphalt near centerline of Riverside Drive, between 4th and 5th street, marked as shown below from which:

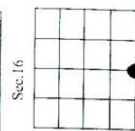
A Power pole (P 180) bears S41°20'W, 28.9 ft.

A Light pole, also Mala Co. BM T-318, bears N75°E, 86.8 ft.

Reference monuments were tagged.

SEE CERTIFICATE OF SURVEY NO. 5616

<p>CERTIFICATION</p> <p>I, Chad Braeger, certify the information shown herein is true and correct.</p> <p>Signature Ground Party Chief</p>	
<p>I, Kent E. Jenkins, certify that this Corner Record correctly reflects the work performed by me or under my direction in accordance with the Montana Recordation Act (7MR2-101, et seq., M.C.A.).</p> <p>Signature of Surveyor & Seal</p> <p>Date: 8/20/04 Reg. No. 075015</p> <p>Employer: Montana Northwest Company</p>	
<p>SKETCH OF CORNER</p> <p>As the GLO records and plat indicate a significant angle break at the 1/4 position, we use a broken boundary adjustment, utilizing found section corners east and west, providing a calculated position for the corner based upon the GLO plat. The calculated position falls in the asphalt centerline of Riverside Drive, which appears to coincide with the position of the section line per the West Riverside plats. At the calculated position, we set a 5.8" x 3.0" red wood stake with 5147 aluminum cap 0.5" below surface of asphalt near centerline of Riverside Drive, between 4th and 5th street, marked as shown below from which:</p> <p>A Power pole (P 180) bears S41°20'W, 28.9 ft.</p> <p>A Light pole, also Mala Co. BM T-318, bears N75°E, 86.8 ft.</p> <p>Reference monuments were tagged.</p> <p>SEE CERTIFICATE OF SURVEY NO. <u>5616</u></p>	



Cross Index No. S:11, T: 13 N., R. 18 W., P.M.M. - Corner this sheet

Corner Recordation Form or Other Supporting Document

Point # 5890