

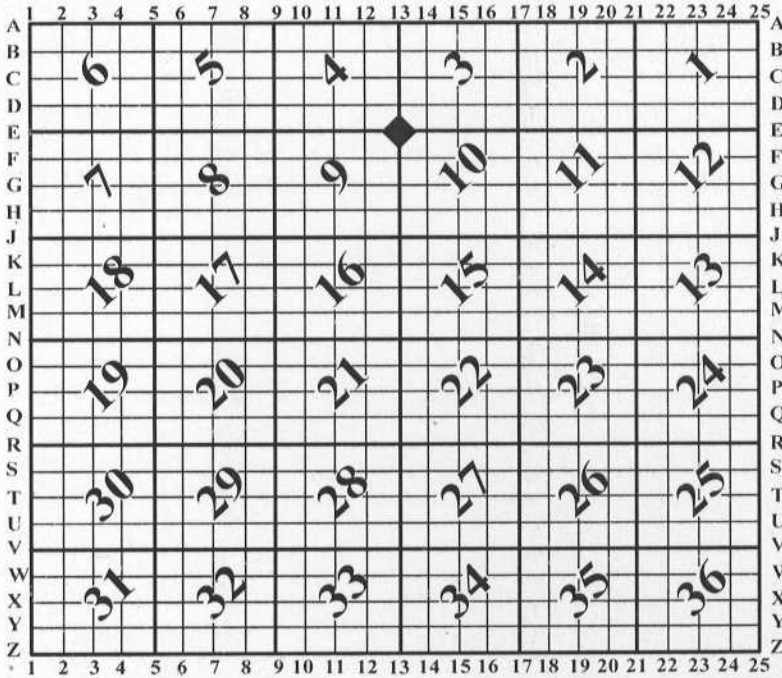
U.S. PUBLIC LAND SURVEY MONUMENT RECORD

For Public Land Survey Corners In: WI ADMINISTRATIVE CODE A-E 7.08 REQUIREMENT

T. 3 N. - R. 11 E. of the 4th P.M.

CORNER CODE INDEX

(PLACE "◆" SYMBOL AT PROPER PLSS CORNER LOCATION)



_____ CENTER _____ TWP
ROCK COUNTY WI

COORDINATES

(GNSS DERIVED VIA WISCORS)

NORTHING: 291814.99 ELEV: N/A

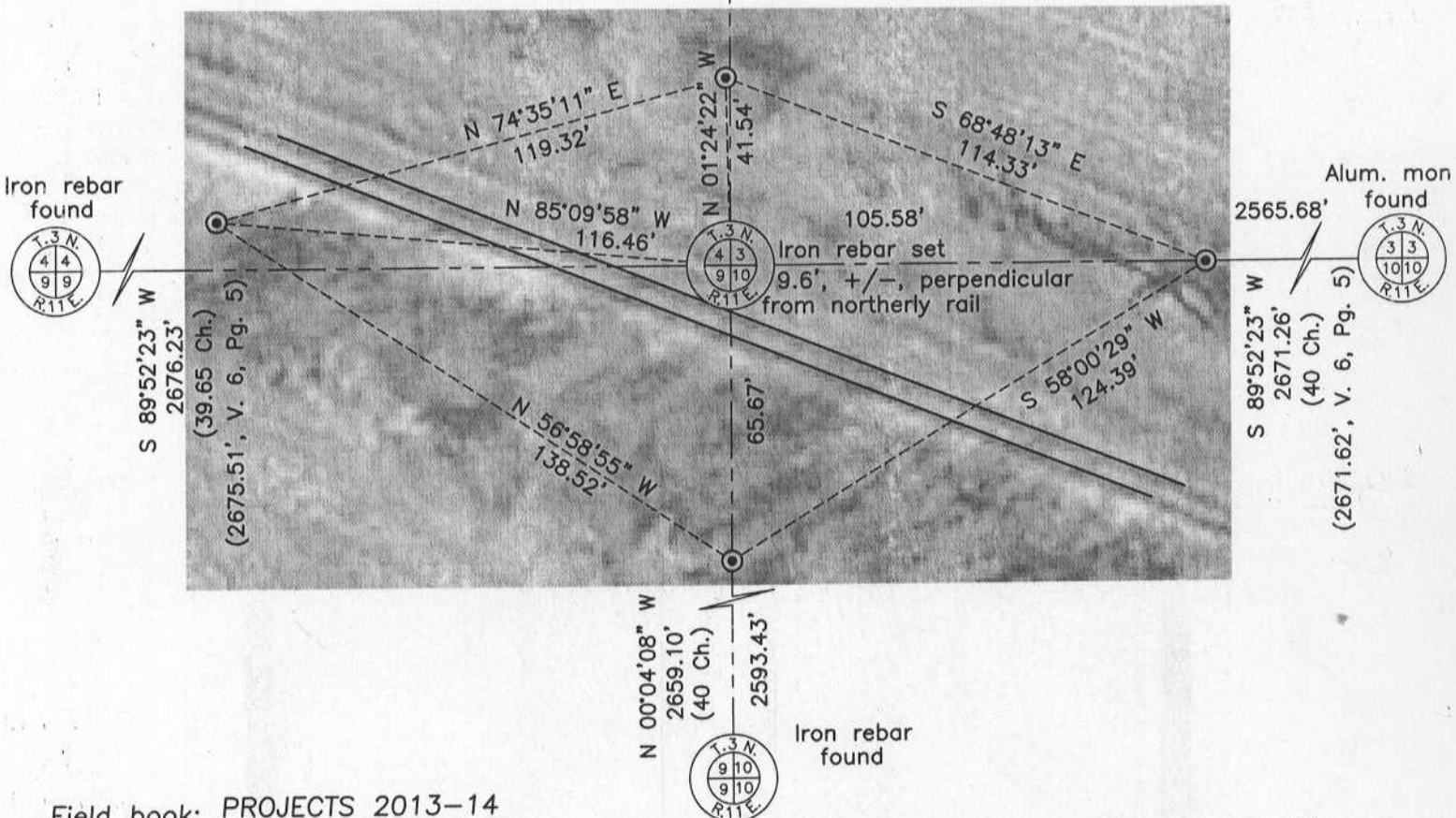
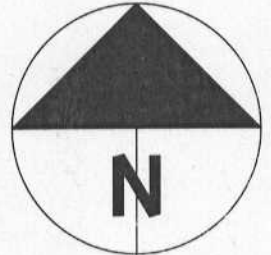
EASTING: 448165.58

Hor. Datum: WCCS-ROCK, (NA2011)

Vertical Datum: NAVD 88, (If applicable)

(a) LEGEND

- ⊙ - IRON REBAR FOUND
- (#) - PREVIOUS TIE-SHEET AND/OR ORIGINAL GOVERNMENT SURVEY DIMENSION



Field book: PROJECTS 2013-14

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Corner code: E-13

B) Describe any record evidence, monument evidence, occupational evidence, testimonial evidence or any other material evidence you considered, and whether the monument was found or placed.

A leaning/bent bolt was found as set by Barnes, (V. 6, and Pg. 6), approximately 1 foot from the existing County coordinates for the corner. As this corner was set based on "the intersection of fences projected from the South, East, and North", there is some leeway in this location. At the location where it appears the bolt would come out straight, I set a flasher and survey nail in an existing railroad tie. Ultimately, I will not accept this nail as detailed further on.

I question the location of the Barnes bolt based on the following:

- It was installed based on fence line projections, not an actual fence corner
- The corner falls roughly 8-9 feet South of a line between the N1/4 corners of Sections 9 & 10
- A pro-ration between the SW of 10-3-11 and W1/4 of 3-10-11 computes roughly 8-9 feet north of the bolt.
- The resulting West ¼ corner of 10-3-11 would compute 4-6 feet further south of an existing fence

Methods for corner computation:

Per the Manual of Instructions, this corner should be established based on a double proportionate measurement between the nearest PLSS corners. The controlling corners are the SW of section 10, west 1/4 of section 3, north ¼ of section 9 and north 1/4 of section 10; this method produces a corner that computes 8-10 feet west of the North/South fence line that exists. Also, this method uses the North 1/4 of section 9, which I believe to be suspect, at least in an East/West direction.

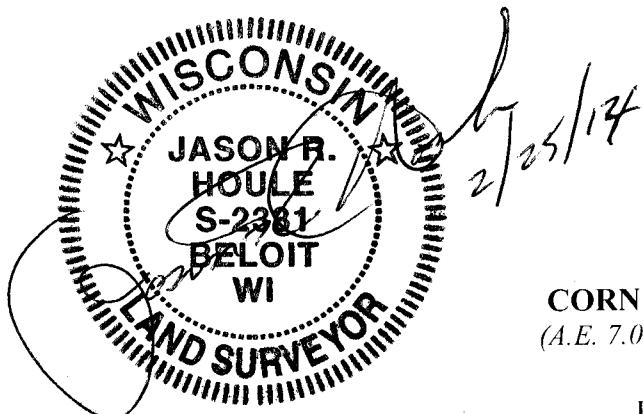
Per a method not in the instructions but, in my opinion, more valid than proportioning from suspect corners, is a bearing/bearing intersection between the previously mentioned controlling corners. This method produces a corner that matches the N/S occupation but, is 8-9 feet north of the bolt location determined by Barnes. I used the bearing/bearing solution based on the following:

- It matches the North/South occupation
- The solution is within 0.6 feet of the same arrived at by prorating along the same N/S line between the SW corner of section 10 and West ¼ of section 3.
- The solution results in the North lines of the NW and NE quarters of section 10 being with 0.31 feet of each other; they would have been a "split" during the original survey
- The solution pulls the West-quarter corner location of the section 4 feet north, +/-, and consistent with occupation, more or less
- The N/S location is consistent with old Railroad right-of-way maps for this location. Although not dimensioned, the PLSS corner falls in the Northerly half of what is the right-of-way on the map.

NOTES:

** The offset corners and North ¼ corner were set by and/or surveyed by Combs & Associates, Inc. Combs and I worked together on this project and shared data to expedite the process. Also, existing weather/snow conditions required much driving/walking over fields by both parties. I provided the computations for this PLSS corner and set the West ¼ of Section 10 on the same day. Due to our survey data consistently matching closely, I am confident in the data provided.*

Other than the Original Government Survey notes, this corner has not been located or perpetuated on any records filed with the Rock County Surveyors office.



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C) Was the corner restored through acceptance of (1) an obliterated evidence location, or, (2) a found perpetuated location?

An obliterated evidence location

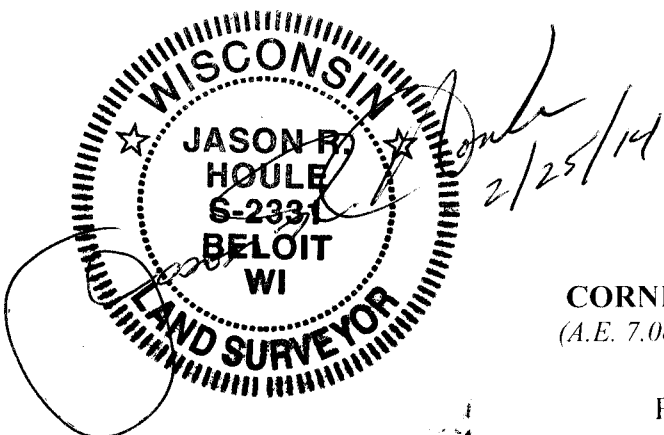
D) Describe any material discrepancy between the location of the corner as restored or reestablished and the location of that corner as previously restored or reestablished by distance and direction. Show the discrepancy on the plan view drawing under (a), above. Show the distances between the corner as previously restored or reestablished and (1) the corner as restored or reestablished, and (2) to at least 4 of the witness monuments shown on the drawing in (a), above.

I disagreed with the location of the Barnes bolt as detailed in question B. The bolt is bent and under a railroad tie.

(E) Was the corner reestablished through lost corner proportionate methods? If so, show the method, including the directions and distances to other public land survey corners used as evidence or used for proportioning the corner location.

Detailed in Question B.

I, Jason R. Houle, hereby certify that the corner location as identified by the corner code index was determined by me under my direction and control and that this U.S. Public Land Survey Monument Record is correct and complete to the best of my knowledge and belief.



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