

CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

**NORTHEAST Corner of Section 18
Township 40 North, Range 24 West, 4th P.M.**

KANABEC COUNTY, MINNESOTA

On January, 2018, found a(n): no evidence of corner

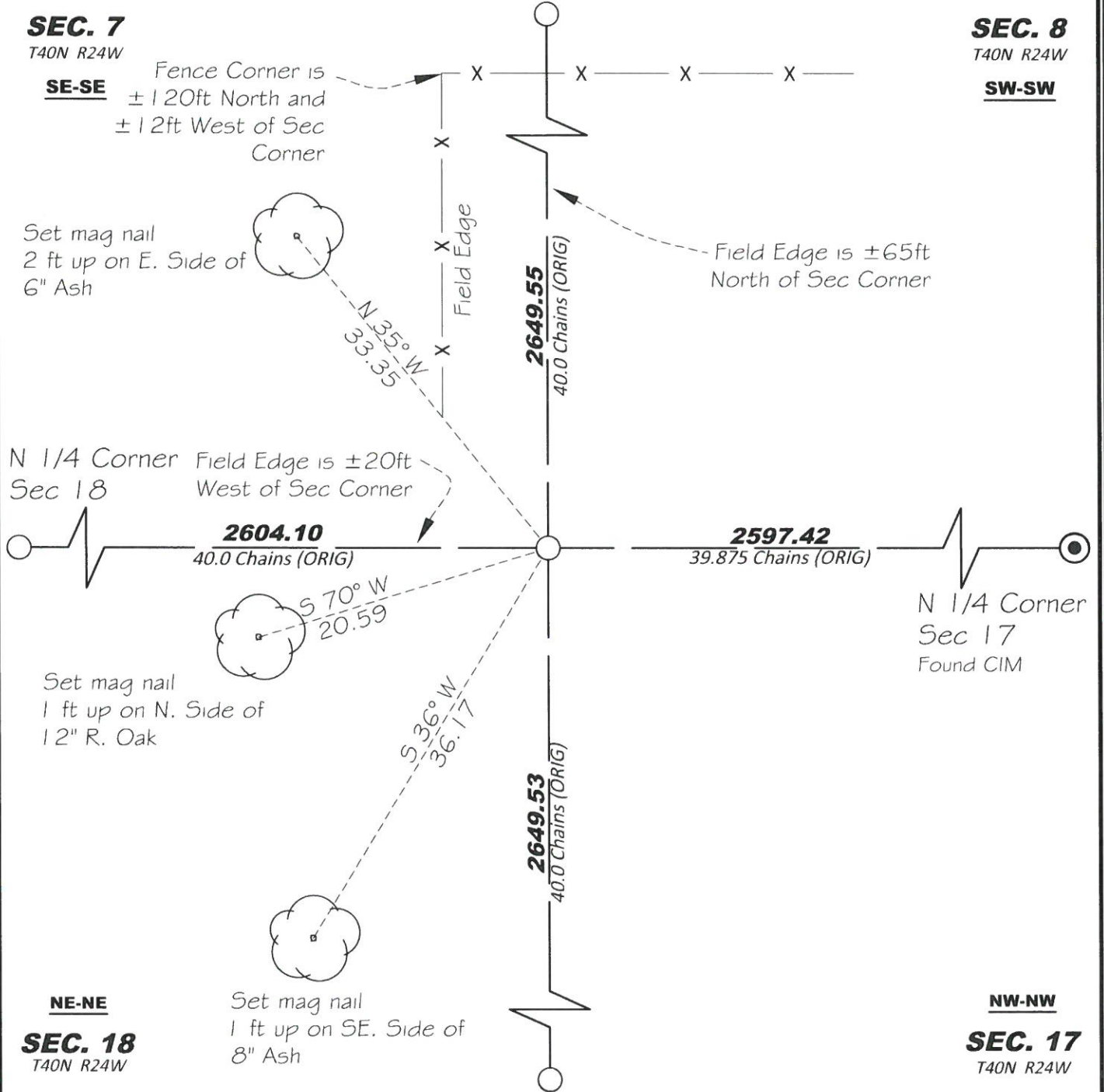
- Left monument as found
- Lowered monument
- Removed monument (explain)
- Raised monument

On 5-14-2018, set a(n): set a capped 1/2"x18" iron pipe
marked with RLS # 52694

(reserved for recording data)

See "Statement of Evidence" for further details (on back)


Project No.: R16.115681



"SKETCH OF REFERENCE TIES"
(not to scale - bearings are magnetic)
Ties are measured to center of monument unless otherwise noted.
UNITS = Metric English

KANABEC COUNTY COORDINATES
NAD 83 (1996 Adjustment)
Northing: 184862.283
Easting: 380366.110

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota. I further certify that this Certificate of Location of Government Corner is correct and complete to the best of my knowledge and belief.

BOLTON & MENK  6-18-2018 License No. 52694
signature date
Zachary L. Zetah
 County Surveyor Deputy County Surveyor Professional Land Surveyor drawn by: ZLZ

Statement of Evidence

NORTHEAST Corner, Section 18, T. 40 N., R. 24 W.

March, 1872

Corner was set during township subdivision by Silas Barnard, dated May 21st, 1855. Survey Commence on October 6th, 1855 and was completed on October 23rd, 1855. A distance of 40.00 chains (2640.00 feet) is measured to the North and East Quarter corner of Section 18, East Quarter Corner of Section 7 and a distance of 39.875 chains (2631.75 feet) was measured to the North Quarter corner of Section 17. Set reference ties as follows:

10" Yellow Birch	N 48 degrees W	20 links (13.20 feet)
9" Yellow Birch	N 72 degrees E	8 links (5.28 feet)
13" Yellow Birch	S 80 degrees W	25 links (16.50 feet)
8" Yellow Birch	S 45 degrees E	18 links (11.88 feet)

Silas Barnard, Deputy Surveyor

May 14th, 2018

In January of 2018, Bolton & Menk, Inc. began working on a project within Sections 6, 7, 8 and 18, Township 40N, Range 24W. A subdivision of these sections would be required to complete the project. Field Crews started the project by searching for evidence in the field including occupation lines, GLO Bearing Tree ties and GLO feature calls from the running notes. This evidence was then analyzed in by Russell Halverson (LS#41813) and Zachary Zetah (LS#52694) to create new search positions for the original corners.

In December of 2013, E.G. Rud, LS#9808, filed a certificate of location at the Southeast corner of Section 18. The corner certificate states "No evidence could be found for the post or bearing trees. No records of any previous surveys could be found at Kanabec County Office. Therefore, we set this corner by double proportionate measurement between the Northeast corner of Section 20 and the Northwest corner of Section 19 and between the Southeast corner of Section 19 and the Northeast corner of Section 6".

Field Crew also located the original GLO topographic wetland call 48.75 chain or 3,217.5 feet north along the east line of Section 7. Field crew measured this wetland edge at +/-3,220 feet from the calculated lost position.

After all evidence and history research was examined, Bolton and Menk determined this corner to be set using the Lost Method. We had high hopes of recovering enough evidence to support an obliterated position, but not enough facts were present to persuade us one direction or another. The North and East Line of Section 18, the North and East line of Section 7, the East line of Section 6, and the North line of Section 8 were set with the lost method using Single and Double proportionate measurements. This is the same conclusion that E.G. Rud came to in 2013 when the Southeast corner of Section 18 was set.

The controlling corners to determine the Northeast corner of Section 18 are the South Quarter corner of Section 8 to the Northwest corner of Section 18 and the Northeast corner of Section 6 and the Southeast corner of Section 18.

We considered using the current occupation/fence corner located +/-120 feet north and +/-12 feet west of the lost position. This fence corner matches the westerly extension the south line of the Southeast Quarter of Section 8. Zac Zetah contacted Don S. Rowley on 1-31-2018 to discuss this fence line and how it came to be. He said the fence line running along the south line of the Southwest Quarter, Section 8, was established by his parents 40-50 years ago. At the time the "township" set a steel fence post in the fence corner location claiming this was the "approximate section corner". No survey records were found of this survey or who set this fence post. We determined the "approximate section corner" location was not hard evidence of the original section corner location.