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OFFICE OF THE COUNTY RECORDER
CASS COUNTY, MINNESOTA
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KATHRYN M. NORBY
CASS COUNTY RECORDER

BY KF Dep TX#: 180547

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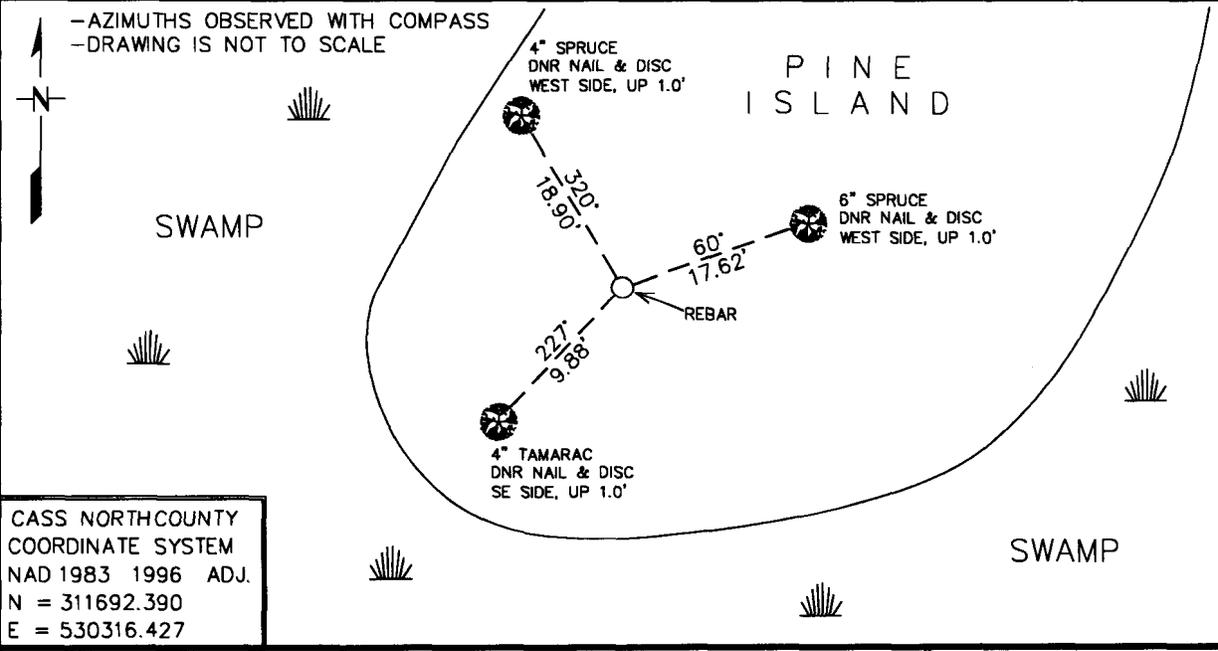
Index No. J-13

CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

NORTHEAST Corner of Section 16, Township 145N, Range 27W
5th Principal Meridian, State of Minnesota, County of CASS

At the corner location shown on the sketch:

- On 3/1/2021 found a ORIGINAL GLO BEARING TREE AND 1930'S CCC BEARING
DATE
TREE. BOTH TREES ARE STANDING DEAD.
 left monument as found, lowered monument, removed monument (explain)
- On 3/1/2021 Placed a 3/4" REBAR WELDED TO A 5.5' STEEL POST WITH CAP
DATE
STAMPED "MN DNR LS 48249", UP 1.0', AT CORNER POSITION PER THE BT'S.



CASS NORTH COUNTY
COORDINATE SYSTEM
NAD 1983 1996 ADJ.
N = 311692.390
E = 530316.427

Statement of evidence for this corner location is on back of this page. AMD 1/24/2022 GNA00002.00.00.01

I hereby certify that this plan, specification, 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.

SIGNATURE Daniel A. Drusch DATE 3-31-2022 License Number 48249
DANIEL A. DRUSCH

Title: Land Surveyor Professional Engineer County Surveyor County Engineer

**Northeast Corner Section 16, Township 145 North, Range 27 West, 5th P.M.**

The DNR Land Survey Unit contacted the following offices for survey information on this corner:

Bureau of Land Management (BLM)
MN Secretary of State
Cass County Recorder, Auditor, Surveyor, and Highway Engineer
U.S. Forest Service
Itasca County Surveyor

1873 The U.S. General Land Office (GLO) survey notes and plat, on file in the MN Secretary of State's Office, describe this corner as a set post, on an island in swamp no other trees, from which:

4" J. Pine, N 68 ° E, 3 links

1929 November, CCC Party Chief ?? Emile Groesbeck, found a rotted 2x2x30 square scribed stake , he places a poster on a 10" Jack Pine SE side of stake. From which the corner bears S 30° E 6 links. Corner on point of small jack pine island in tamarack swamp. From which:

11" Jack Pine, N 72 ° E, 3 links

2021 March, the DNR Land Survey Unit conducted a search for the corner and found the NE Gov't bearing tree described by Emile Groesbeck (1929); a 11" burnt J. Pine N 72° E, 3 links, now laying down and the poster tree he set in 1929 a 10" J. Pine, S 30° E, 6 links, now a stump 3 feet high. Both bearing trees were observed with GPS. As a result of finding these two bearing trees, a distance-distance method, using the bearing tree data, was used to reestablish the corner position. This position was found to measure:

5004.327 feet (GLO = 5276.94 ft) from the Northeast corner section 15.

5148.381 feet (GLO = 5271.42 ft) from the Northeast corner section 17.

5340.523 feet (GLO = 5280 ft) from the Northeast corner section 21.

2741.751 feet (GLO = 2640 ft) from the East Quarter corner section 9.

Analysis of the available information led me to accept the computed position as the corner. The found bearing trees were the best available evidence in reestablishing this corner.