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CASS COUNTY, MINNESOTA
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KATHRYN M. NORBY
CASS COUNTY RECORDER

BY SR _____ Dep TX#: 129531

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CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

Index No. J.0 - 17.0

NE Corner of Section 15, Township 136, Range 31, 5 P.M.
STATE OF MINNESOTA, County of CASS

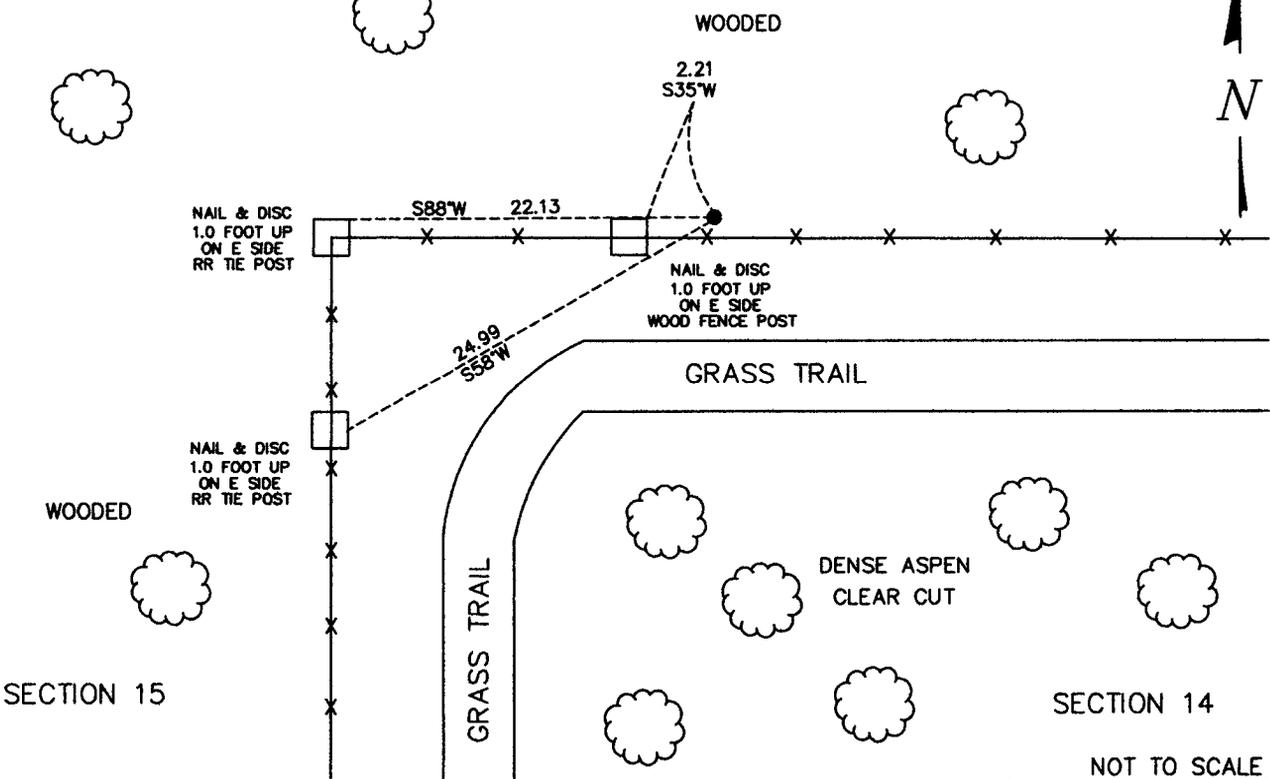
At the corner location shown on the sketch:

- On _____ date found a _____
- left monument as found, lowered monument, removed monument (explain)
- On JANUARY 27, 2016 date placed a 1/2" REBAR 0.2' NORTH OF EXISTING BARBED-WIRE FENCE

SKETCH OF REFERENCE TIES

SECTION 10

SECTION 11



NOT TO SCALE

Statement of evidence relative to this corner location is on back of this page.

I hereby certify that this document was researched and prepared by me or under my direct supervision.

SIGNATURE Ross Ware

DATE 01-27-2016 Registration No. 45334

Title: Land Surveyor Professional Engineer County Surveyor County Engineer



J.0 – 17.0

The Northeast Corner of Section 15, Township 136 North, Range 31 West of the Fifth Principal Meridian, Cass County, Minnesota, was established as part of the Original Public Land Survey during 1870. The Original Public Land Survey was done by Richard Cronk, U.S. Deputy Surveyor. The Original monumentation was a set wood post to mark this corner position the following bearing trees:

- 9" Birch S75 1/2°E – 9 links (9.9 feet)
- 10" Birch S6 1/2°E – 22 links (14.52 feet)
- 8" Birch N64 1/2°W – 30 links (19.80 feet)
- 6" Oak S68 1/2°W – 19 links (12.54 feet)

Information on file in the MN Historical Society, St. Paul, MN. Copies in file in the Cass County Highway Dept. Surveyors Office (CCHD/SO).

In 1912, John Curo found the old government stake but rotted in the ground and reset the SE bearing tree which had blown over. Set 6x6x40" tamarack post and tack for the true corner to Sections 14-15-22-23 with bearing trees as follows:

- 4" Spruce N39°W – 42.80 feet
- 2" Spruce N83°E – 20.80 feet
- 4" Birch S29° 40'W – 47.30 feet

Information on file in CCHD/SO in County Survey Record Book B pages 12-28.

On December 8, 2015 a Survey Mapping Solutions, Inc. (SMS) survey crew searched for the corner and found nothing.

On December 10, 2015 a Survey Mapping Solutions, Inc. (SMS) survey crew conducted a new search area and did find remnants of an old barb wire fence running north of the existing fence east-west fence line.

Then Northeast corner of Section 15 was calculated by recreating John Curo's Certificate of Survey (Cass County Surveyors Office Record Number 4562) and found north quarter corner of Section 15 (2700.45 Curo compared to 2701.12 measured distance), plus remnants of existing barb wire fence line running north-east for latitudinal control. Also the found northeast corner of Section 10 and found northeast corner of Section 27 for the longitudinal control.

On January 27, 2016, a Survey Mapping Solutions, Inc. (SMS) survey crew Set a 1/2" x 24" rebar with a cap stamped "RLS 45334" in line with existing east-west barbed-wire fence.

The recovered and established references for the position are shown on the face of this document. Analysis of the recovered data, field evidence and survey measurements, indicates that the monument set in 2016 by SMS is the correct perpetuation of this corner.

Contacts pertaining to this corner are as follows:

- Cass County Recorder's Office
- Cass County Surveyor's Office
- Cass County Engineer's Office
- Westwood Professional Services
- KLD Land Surveying
- Bogart, Pederson & Associates Inc.
- MN DNR, Division of Lands and Minerals, Survey Section
- MN DOT District Surveys Office in Baxter

Section Corner observed by GPS
Datum: Cass County South Coordinates
Geodetic Position NAD 83 (1996 HARN Adj.)

N = 262367.803
E = 476027.793