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OFFICE OF THE COUNTY RECORDER  
CASS COUNTY, MINNESOTA  
CERTIFIED, FILED, AND/OR  
RECORDED ON

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BY BA \_\_\_\_\_ Dep TX#: 200395

We hereby certify that this survey, plan, or report was prepared by us or under our direct supervision and that we are duly Licensed Land Surveyors under the laws of the state of Minnesota.

*Guy T. Carlson* 11/7/2024  
Guy Carlson  
Itasca County Surveyor Date  
MN LIC. # 40991

*Daniel J. McAninch* 14 October 24  
Daniel J. McAninch, L.S. Date  
Cass County Surveyor  
MN LIC. # 25684

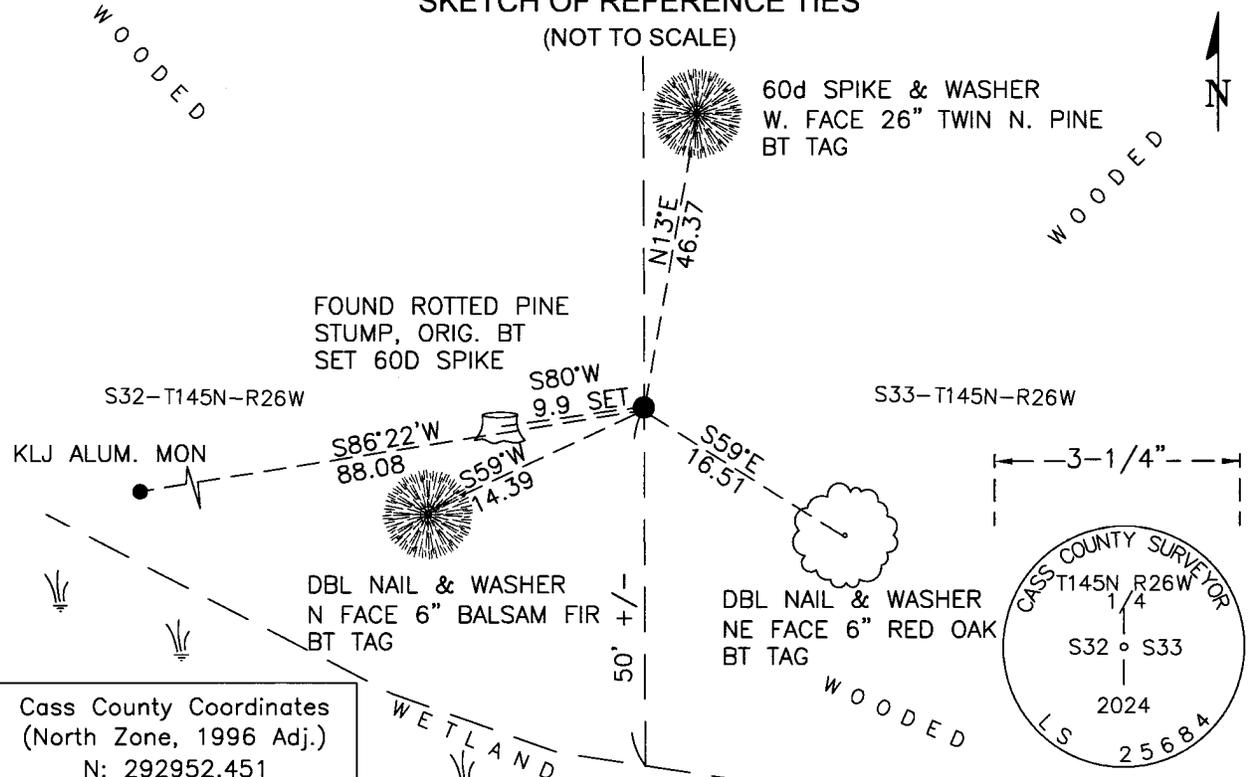
### CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

East 1/4 Corner of Section 32, Township 145 N, Range 26 W, 5th P.M.  
County of Cass, State of Minnesota

At the corner location shown on the sketch:

- On \_\_\_\_\_ found \_\_\_\_\_
- left monument as found     lowered monument     removed monument (explain)
- On Nov. 6, 2024 set a 1" diameter by 30" magnetized aluminum pipe with a 3-1/4" diameter stamped aluminum cap from an original bearing tree stump.

### SKETCH OF REFERENCE TIES (NOT TO SCALE)



Cass County Coordinates  
(North Zone, 1996 Adj.)  
N: 292952.451  
E: 556548.452

Cap Stamping Detail

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**STATEMENT OF EVIDENCE:** Quarter Corner of Sections 32 and 33, Township 145 North, Range 26 West, of the 5th Principal Meridian.

1876; This corner was originally established by B.C. Baldwin, Deputy Surveyor under contract to the General Land Office (GLO), now the Bureau of Land Management (BLM). A copy of the plat of this township and hand copied field notes are on file in the Itasca County Surveyor's Office. These Field notes indicate a wood post was set to mark this corner position, which was witnessed by:

Norway Pine,	20",	South 80° West,	15 links,	9.90 feet;
Jack Pine,	10",	South 84° East,	35 links,	23.10 feet:

1/10/1900; United States Army Corps of Engineering personnel C.A. Swift recovered both GLO witnesses. A.C.O.E. Field Book A1-293, page 18.

1/16/1900; United States Army Corps of Engineering personnel C.A. Swift, while surveying the Upper Mississippi River Reservoir System, tied the GLO witnesses into his traverse. A.C.O.E. Field Book A1-252, page 22.

App. 1926; Minnesota Department of Transportation Right (MnDOT) of Way map 1-68. There is no indication of the recovery of a corner position at this location.

1938; MnDOT Right of Way map 30-60A indicates a square U.S.F.S. (United States Forest Service) post is in place. This post is tied into their centerline alignment. No witnesses are given.

1983; (Sept.) MnDOT Right of Way map 13-12. This map is a repeat of the 1938 map but has updated Mileposts, Alignment Ties and Culverts. Again, it indicates a square U.S.F.S. (United States Forest Service) post is in place. This post is tied into their centerline alignment.

2010; A field crew from Kadrmas, Lee and Jackson, searched for evidence of this corner position using information from the 1938 MnDOT map. No evidence was recovered.

2012; (March) A field crew from Kadrmas, Lee and Jackson, under the direction of Ross Wamre, LS 45334, set a ¾" by 4' rebar with a stamped aluminum cap at this corner position using the mathematics from the 1938 MnDOT map and acquired centerline stationing. A Certificate of Location of Government Corner was prepared by Wamre and recorded by the Cass County Recorder as Doc. #A000599557. The monument was witnessed with the following:

Norway Pine,	24",	North 06° West,	25.27 feet;
Birch,	13",	North 73° East,	19.49 feet;
Balsam,	13",	South 80° West,	19.14 feet;
Steel Fence Post,		South,	3.0 feet:

NOTE: In 2012, the notes for the survey of the Upper Mississippi River Reservoir System were acquired by Itasca County from the Corps of Engineer's office in St. Paul, and at the National Archives located in Chicago, Ill. After years of data entry of the survey records into a least squares adjustment program, and the extensive efforts of recovering existing survey control, calculated positions were finally established for the hundreds of Public Land Survey System corners that the A.C.O.E. tied into during their surveys.

2020; Itasca County personnel navigated to a calculated position based using the 1900 survey notes. At this location, they recovered the heavily burned remains of a 24" pine stump. They established geodetic coordinates on the stump. The resultant position is within 6' of their calculated position.

2024; Cass County and Itasca County personnel returned to the position that was visited in 2020 and set a 1 inch diameter by 30" aluminum pipe with a 3-1/4 magnetized aluminum cap using record GLO distance and bearing from a pine stump accepted as evidence of the original bearing tree.

North American Datum 1983 (1996)  $\pm 0.003$  Arc seconds

Latitude: 47° 19' 56.525" N

Longitude: 93° 59' 19.109" W