



A000670645

OFFICE OF THE COUNTY RECORDER
CASS COUNTY, MINNESOTA
CERTIFIED, FILED, AND/OR
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KATHRYN M. NORBY
CASS COUNTY RECORDER

BY NG Dep TX#: 170246

I HEREBY CERTIFY THAT THIS DOCUMENT AND THE DATA
CONTAINED HEREIN WAS PREPARED BY ME OR UNDER
MY DIRECT SUPERVISION.

Kary T. Carlson 3/25/2021
KARY T CARLSON DATE

LICENSE NO. 40991

- LAND SURVEYOR PROFESSIONAL ENGINEER
- COUNTY SURVEYOR COUNTY ENGINEER

NAD 1983 (1996 HARN) CASS COUNTY NORTH ZONE COORDINATES
N= 325285.256 E= 456053.538 US SURVEY FT
(COORDINATES ARE SHOWN AS INFORMATION ONLY, SUBJECT TO VERIFICATION)

CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

INDEX NO. X-05, EAST QUARTER CORNER OF SECTIONS 31, TOWNSHIP 146, RANGE 29, 5TH P.M.
STATE OF MINNESOTA, COUNTY OF CASS

AT THE CORNER LOCATION SHOWN ON THE SKETCH:

- ON 7/09/2020 FOUND A(N) U.S.F.S. Stamped Brass Cap in a concrete sleeve, up 2 feet.
- LEFT MONUMENT AS FOUND, LOWERED MONUMENT, REMOVED MONUMENT (EXPLAIN)
- ON _____ DATE _____ PLACED A(N) _____

SKETCH OF REFERENCE TIES

DECLINATION 0°
SKETCH NOT TO SCALE



To a 60d spike
and washer in the
base of a 19" Red
Oak. Est. 1989.



28.50'
N50°W



To a 60d spike
and washer in the
base of a 13½"
Jack Pine. Est. 1963.

6.57'
N28°E

Steel Fence Post North 3.85'

Steel Fence Post South 4.0'

MONUMENT MARKED:



T146-R29-S31

T146-R29-S32

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STATEMENT OF EVIDENCE RELATIVE TO THIS CORNER LOCATION IS ON BACK OF PAGE

STATEMENT OF EVIDENCE: East Quarter Corner of Section 31, Township 146 North, Range 29 West, of the 5th Principal Meridian.

1873; This corner was originally established by P.H. Conger, 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 available on the BLM website. These Field notes indicate a wood post was set to mark this corner position, which was witnessed by:

Jack Pine,	6",	North 37° West,	47 links,	31.02 feet;
Jack Pine,	5",	South 86° East,	53 links,	34.98 feet:

1934; (June) A Dependent Resurvey of T146N-R29W was performed by Cadastral Surveyor Hal D. Craig of the BLM. Mr. Craig failed to find any evidence of this corner position. He affixed a brass cap to a 36" by 2" iron pipe and set it at a proportioned position between the recovered meander corner on the southerly shore and the southeast corner of Section 31. This position was witnessed by:

Jack Pine,	9",	North 41° East,	59 links,	38.94 feet;
Jack Pine,	12",	South 39¼° West,	38 links,	25.08 feet:

1963; (May) R.H. McDonald, a survey technician for the United States Forest Service (USFS) recovered the 1934 witnesses, noting that the tree to the northeast is a stump. Evidently the monument was missing because a 3" brass cap was set into a 6" by 5' concrete cylinder. This information is found in Township Corner Restoration Book 2C, page 22. Peter Meyer recorded a Certificate of Location of Government Corner using this information as Document No. A000590251. The following witnesses were added:

Jack Pine,	5",	North 22° East,	6.4 feet;
Steel Fence Post,		South,	3.9 feet:

1989; (February) USFS survey technicians C.K., J.S., G.B., and C.G. visited this corner position. They note 1963 and 1934 "live" witness are still in place. This information is found in Township Corner Restoration Book 2C, page 22. The following witnesses were added:

White Oak,	12",	North 56° West,	28.46 feet;
White Oak,	12",	North 20° West,	36.78 feet:

2010; (September) R. Main, a technician for the USFS recovered the monument in place along with the witnesses as described in 1989. He made a GPS observation on the monument.

2020; (July) Itasca County Department of Surveying and Mapping personnel G. Robertson and T. Lasecki recovered the 1934 monument along with the 1963 witness tree and the 1989 witness @ N50°W. Geodetic coordinates were established on the monument using a Fast Static observation. This information is found in the Itasca County 146-29 Field Book 2, page 24. The recovered witnesses are as shown on the face of this certificate.

The monument concurs with the position as established and set in 1934.