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A000657763

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.

Signature: James Kramer
James Kramer

Date: 1-27-2020
Reg. No. 23668



A000657763
OFFICE OF THE COUNTY RECORDER
CASS COUNTY, MINNESOTA
CERTIFIED, FILED, AND/OR
RECORDED ON
2/27/2020 10:32:11 AM
AS DOC #: A000657763
PAGES: 2
REC FEES: 0.00
KATHRYN M. NORBY
CASS COUNTY RECORDER
BY NG Dep TX#: 160100

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

NAD 1983/1996 CASS COUNTY NORTH ZONE COORDINATES
N= 116637.083 E= 465923.481

CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

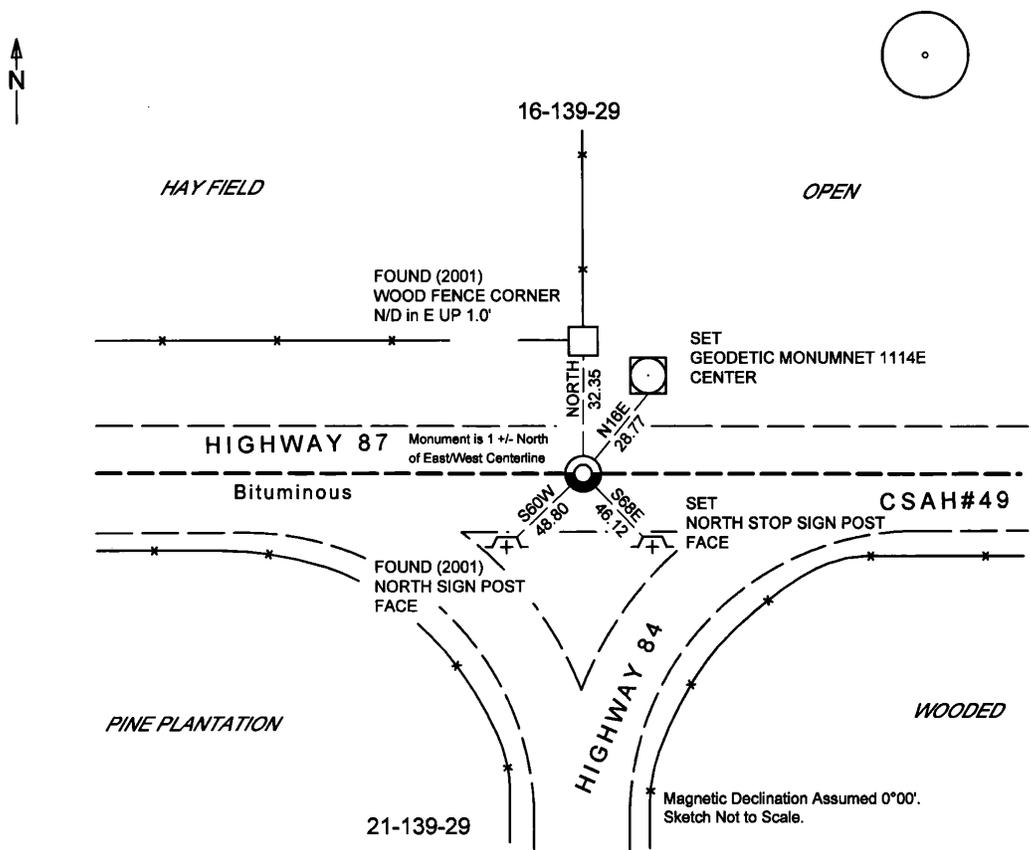
INDEX NO. N-0-11.0, North Quarter CORNER OF SECTION 21, TOWNSHIP 139, RANGE 29, STATE OF MINNESOTA, COUNTY OF CASS.

AT THE CORNER LOCATION SHOWN ON THE SKETCH:

- ON 08-21-2019 FOUND A(N) 2-1/2" Iron pipe with plumbers cap, down 1.4
- LEFT MONUMENT AS FOUND, LOWERED MONUMENT, REMOVED MONUMENT (EXPLAIN)
- ON _____ PLACED A(N) _____

SKETCH OF REFERENCE TIES

MONUMENT MARKED:



Coordinates derived by RTK GPS (survey grade)

BL = Blazed
SC = Scribed
PR = Painted Red
CLT = Corner Location Tag

KLD
1120 Industrial Park Road SW
Brainerd, MN 56007
218-829-6333
KRAMER LEAS DELEO
SURVEYING - ENGINEERING - PLANNING
BRainerd ST. CLOUD

STATEMENT OF EVIDENCE:NORTH QUARTER CORNER OF SECTION 21,
TOWNSHIP 139 NORTH, RANGE 29 WEST OF THE 5TH
PRINCIPAL MERIDIAN CASS COUNTY, MINNESOTA

1865 The original survey for Township 139 North Range 29 West was run by Wright and Walker. A post was set to mark the corner and the following bearing ties were set. Information on file in the Minnesota Historical Society, St. Paul MN. Copies on file in Cass County Highway Department/Surveyors Office (CCHD/SO).

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
15" N. Pine	S 84 ½ E	57 links (33.62')
12" N. Pine	N05W	117 links (77.22')

1908 J. Curo recovered the post that was set by Hicks in about 1906 and the two bearing ties. Curo Book 95, Page 37. Information on file in CCHD/SO.

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
15" N. Pine	S 84 ½ E	57 links (33.62')
12" N. Pine	N05W	117 links (77.22')

1918 E.B. Horst, LS 376 indicates an Iron Monument marking the corner. County Book C, page 100, Curo Book 38A, pg 48. Information on file in CCHD/SO.

1920 E.B. Horst, LS 376 set a 2.5" X 30" capped iron monument over a 1" gas pipe that had already been set by M. Smith, originally established from U.S.B. T's by Mr. Hicks and verified by J.W. Curo. The following bearing ties were set. Curo Book 166, page 40. Information on file in CCHD/SO.

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
8" Jack Pine	N 20 15'E	71.60'
Guide Board Post	S 58 40'E	35.40'

1927 A.R. Taubman indicates the corner location at station 359+00.7. The following bearing ties were noted. Ditch Shelf 3, Book 160, page 4.

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
12" Jack Pine	NE	71.90'
Post	SE	48.20'

1932 J.W. Curo found 1927 witnesses and corner on centerline of East-West Road. Curo Book 38A, pages 40, 43 and 61. Information on file in CCHD/SO.

1966 R.F. Schneider found a capped iron monument in center of east-west road. The following bearing ties were noted. Information on file in Curo file 1957 in CCHD/SO.

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
9" Jack Pine	N08E	158.90'
Telephone Pole	N71W	81.70'

1987 Stevenson & Associates found a PK nail at the surface of road and recovered one 1966 bearing tie. Information on file in Curo file 1957 in CCHD/SO.

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
9" Jack Pine (1966)	N08E	158.90'

2001 Cass County Highway Department/SO found a 2.5" Pipe with plumber's cap, down 1.4' on centerline of Hwy 87 and extension of centerline of Hwy 84 and the following bearing ties. Cass County Highway Department #2001.035. Information on file in CCHD/SO.

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
6" Norway Pine	N60E	169.90'
Fence Corner	North	32.35'
East Sign Post	S01E	77.77'
North Sign Post	S60W	48.80'

2002 Cass County Surveyors Office found a PK nail 1' +/- north of road centerline, located with GPS. No other information was given. Information on file in CCHD/SO.

2019 Crews at Kramer Leas Deleo recovered a 2 ½" Iron pipe with plumbers down 1.4' +/- north of east-west road centerline. The following bearing ties were also recovered.

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
Fence Corner (2001)	North	32.35'
North Sign Post (2001)	S60W	48.80'

The following bearing ties were set.

<u>Tie</u>	<u>Bearing</u>	<u>Distance</u>
North Stop Sign Post	S68E	46.12'
Geodetic Pt 1114E	N16E	28.77'

For additional information contact:
Kramer Leas Deleo PC
 1120 Industrial Park Road Southwest
 Brainerd, MN. 56401
 218-829-5333