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CASS COUNTY, MINNESOTA
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KATHRYN M. NORBY
CASS COUNTY RECORDER

BY SR Dep

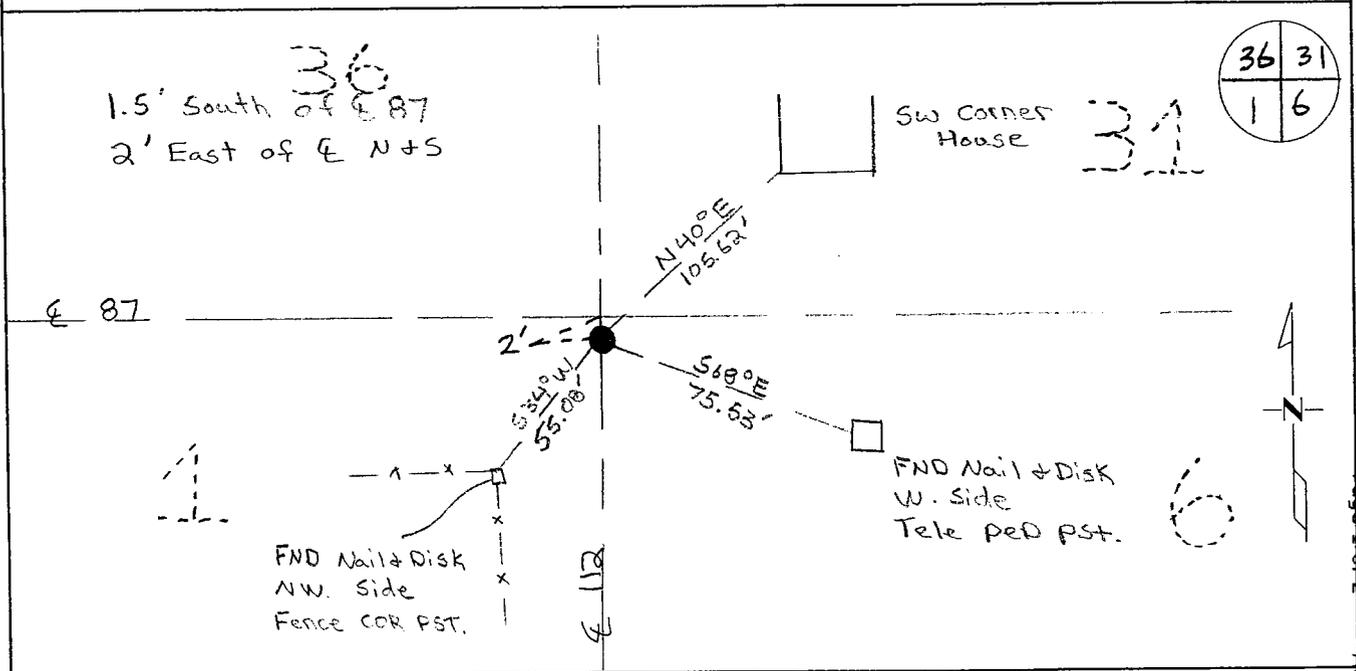
Index Number A.D-25.D

CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

Northeast Corner of Section 4, Township 138, Range 32
5TH Principal Meridian, State of Minnesota, County of Cass

At the corner location shown on the sketch:

- On 4-20-11 found a 2.5" Aluminum Cap "Hubbard County Surveyors Dept"
- left monument as found lowered monument removed monument (explain)
- On _____ placed an _____



Statement of evidence for 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 and that I am a licensed Land Surveyor under the laws of the State of Minnesota.

Signature Chris Hoglund
Chris Hoglund, PS
License No. 43932

Date: 7/19/12





Statement of Evidence:

Northeast Corner of Section 1, Township 138 North, Range 32 West, McKinley Township, 5th Principal Meridian, Cass County, Minnesota.

1860 Original US General Land Office survey by Jacob Myers, set a wood post and bearing trees noted as:

10" White Birch	S 30° E	11 links
8" Aspen	S 75° W	28 links
6" White Birch	N 60° E	32 links
8" Aspen	N 40° W	11 links

1912 John Curo found stake set by old County Surveyor James Canfield in the center of an old east-west wagon trail. Set 8x8x36" concrete post and filed in County Survey Record Book "A" Page 401, Survey Record No. 176.

1916 E.B. Horst found 8x8x36" concrete monument set by Curo and filed in County Book "B" Page 561-563, Survey Record No. 357 and also in Curo Book 53, Page 49.

1916 John Curo found 8x8x36" concrete monument, filed in County Resurvey "E-48" in the office of the Cass County Recorder.

No Date John Curo found concrete monument and filed in County Book "C" Page 402, Survey Record No. 81

1927 A.R. Taubman, Assistant Hubbard County Engineer, recovered the Curo Concrete Monument and placed triangular concrete witness monuments North 52 degrees West 46.67 feet and South 30 degrees West 46.67 feet (entry from Corner Certificate No. 408853).

1987 R. Thorpe and M. Branham of the Hubbard County Surveys Office recovered the southwest concrete witness post placed by Taubman in 1927 and also a railroad spike set flush with the road surface fitting the 1927 reference form the witness post to mark this corner (entry from Corner Certificate No. 408853).

1993 K. Donahue of MN/DOT, Registered Land Survey Number 14950, found railroad spike in bituminous in centerline Co. Rd. #112, 2' south of centerline T.H. #87, filed Corner Certificate No. 408853, dated January 14, 1999. Reference ties:

SW corner house	N 40° E	105.62 feet
SE corner house	N 50° E	129.20 feet
Nail & Disk Cor. Fe. Post	S 34° W	55.08 feet
Nail & Disk Pedestal	S 68° E	75.53 feet

2000 Cass County Surveyors Office found in place; RR spike – centerline C.R. #112 & 2' south centerline T.H. #87. Found 2 B.T.s w/tags. New Reference ties:

P.K. in W. end 18" CMP	N 32° W	31.47 feet
P.K. in E. end 18" CMP	N 30° E	31.86 feet

2002 Cass County Surveyors Office found R.R. spike, down 0.1', 2' +/- south of centerline Hwy #87, 2' +/- east of C.R. #112 and located it with GPS. Coordinates as follows from Cass County South 1996 adjustment:

N: 336147.932 E: 451591.816

2010 Hubbard County Survey Department visited corner and set a Hubbard County Aluminum Capped Monument in place of the railroad spike found in 2002.

2011 Westwood Professional Services, Inc. found a 2.5" 2010 aluminum capped monument marked Hubbard County Surveyor's Department and three 1997 Donahue reference ties. The aluminum capped monument is accepted as the best available evidence of the corner position historical reporting back to 1912, though the method employed to set this corner monument found in 1912 is not known. Located found monument with a 20 minute static GPS shot and verified coordinates with VRS GPS observation, which agree with the 2002 position. Analysis of the recovered data, field evidence and survey measurements, indicates that the monument found by Westwood Professional Services, Inc is the correct perpetuation of this corner.

Cass County Coordinates South Zone obtained by static GPS (NAD 83, 1996 Adj)

N: 336147.83

E: 451591.79

Central State Plane Coordinate

N: 1102845.01

E: 1481597.40