

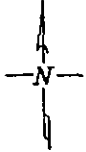
CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

Northeast Section Corner of Section 11, Township 142 North, Range 26 West, of the 5th Principal Meridian, Cass County, Minnesota.

July, 1997; Northern Lights Surveying and Mapping, Inc. monumented the section corner position arrived at by single proportioning between the section corner common to Sections 1, 2, 35, and 36, T.142N. and T.143N., R.26W. and the section corner common to Sections 11, 12, 13, and 14, T.142N., R.26W. This unconventional method was adopted because it fit extensive General Land Office (G.L.O.) feature calls.

SKETCH OF REFERENCE TIES & EVIDENCE

T142N, R26W



NOT TO SCALE

Bearings are Grid North, Minnesota Central Zone, measured with a hand compass adjusted to 3°E East declination.

Steel Signpost
N45°W
1.412M
BT tag
(1997)

Steel Signpost
S47°W
0.980m
sign 54-9
(1997)

NE Corner Section 2
1597.566m
N0°28'41"E

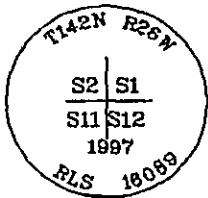
Steel Signpost
N43°E
2.042m
BT tag
(1997)

Section Corner
Galvanized Steel
Pipe
Stamped Brass
Cap
(1997)

1555.178m
N0°28'41"E

Steel Signpost
S44°E
1.200m
BT tag
(1997)

New bearing trees were blazed, scribed & painted red. A tag stating the bearing & distance was affixed to the tree. A nail was placed in the base of the tree and the distance was measured from the monument to the nail.



400499

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

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.

LaVerne Leuelling
LaVerne Leuelling

5-20-1998
Date

Registered Land Surveyor No. 16089
NORTHERN LIGHTS SURVEYING & MAPPING

OFFICE OF THE COUNTY RECORDER
County of Cass

I hereby certify that this document was filed in the Recorder's office.

Time: 1:40 P .M. Date: June 1st, 1998

Recorder Claudine Taylor

By K.F. Deputy

DOCUMENT NO. 400499

Statement of Evidence

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Northeast Corner Section 11, Township 142 North, Range 26 West,
of the 5th Principal Meridian, Cass County, Minnesota.

November, 1872; General Land Office (G.L.O.) survey notes; Deputy Surveyor E.W. Griffin set a wooden post for the section corner and referenced it with the following:

10" Sugar (0.254m)	6" Fir (0.152m)	14" Birch (0.41m)	18" Aspen (0.41m)
N54°W	S53°E	S77°W	N41°E
17 Links (3.420m)	13 Links (2.615m)	30 Links (6.095m)	22 Links (4.426m)

1963; United States Department of Agriculture - Forest Service (U.S.D.A.-F.S.) Township Book T.142N., R.26W. Book #1, p.6; U.S.D.A.-F.S. survey technicians McDonald and Ekstrom chained east from the meander corner between Sections 2 and 11; conducted a search, but found no evidence of the section corner.

October, 1996; Mike Smith, party chief with Northern Lights Surveying and Mapping, Inc. cruised to, established, and conducted a Global Positioning System (G.P.S.) session on two search points. A preliminary search recovered no evidence of the G.L.O. survey. The area has been logged.

July 22, 1997; Northern Lights Surveying and Mapping, Inc. crew of Foster and Berg searched, and monumented the section corner position arrived at by single-proportioning between the section corner common to Sections 1, 2, 35, and 36, T.142N., T.143N., R.26W., and the section corner common to sections 11, 12, 13, and 14, T.142N., R.26W. The crew set a 1.219m long, 0.051m diameter galvanized steel pipe with a stamped brass cap, with the following references:

Steel Signpost	Steel Signpost	Steel Signpost	Steel Signpost
N43°E	S44°E	S47°W	N45°W
2.042m	1.200m	0.980m	1.412M
BT tag	BT tag	sign 54-9	BT tag

Northern Lights Surveying and Mapping, Inc. Slater Township Field Book #2, p.13.

Coordinates:

Cass County North

Northing = 67,552.66 meters
Easting = 174,825.29 meters

State Plane Coordinate System
Minnesota Central Zone
NAD 83

Northing = 337,547.51 meters
Easting = 824,752.83 meters

Latitude = 47°08'12.08648 North
Longitude = 93°55'25.38223 West

Statement of Evidence

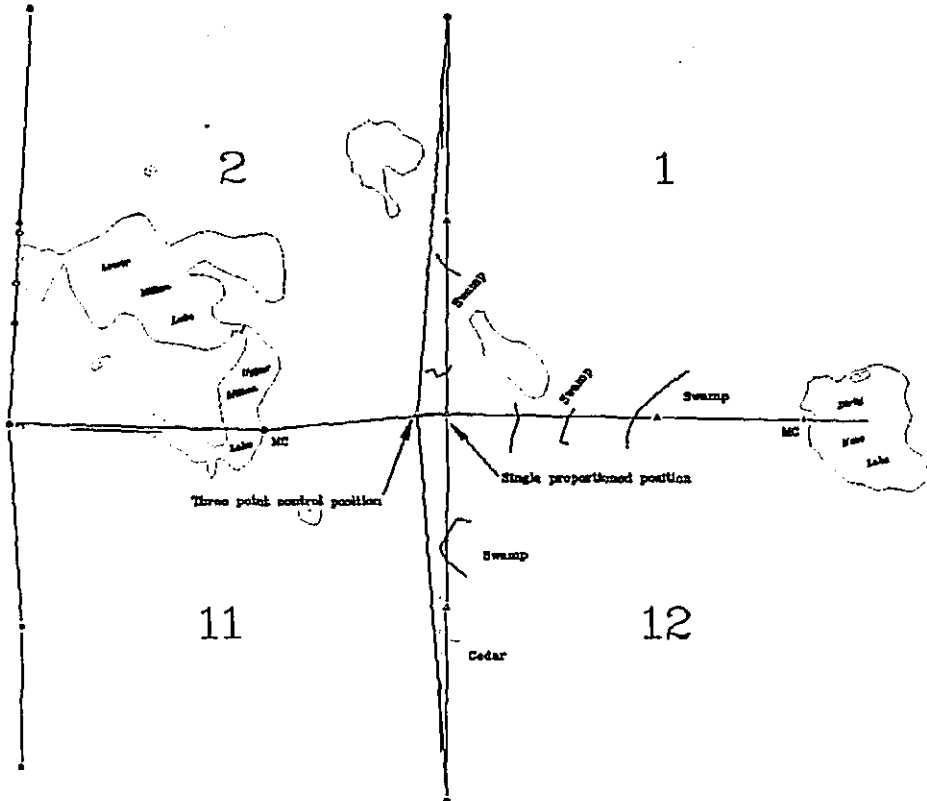
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Northeast Corner of Section 11, Township 142 North, Range 26 West,
of the 5th Principal Meridian, Cass County, Minnesota.

Sketch of Sections

1, 2, 11, and 12

T.142N., R.26W.



Corner Methodology

The section corner common to sections 1, 2, 11, & 12 was positioned by way of single proportionate measurement between the section corner common to sections 1, 2, 35, & 36, T142 & 143N, R26W and the section corner common to sections 11, 12, 13, & 14, T142N, R26W. Although this method is unconventional for an interior section corner, it was the only method that closely fit extensive General Land Office (G.L.O.) feature calls. During the fall of 1996 and the winter of 1996-1997, Northern Lights Surveying & Mapping Inc. mapped the natural features called out in the G.L.O. notes. Using conventional surveying as well as mapping the features using an ARC-INFO driven digital orthophotoquad of the project area, all of the key features were integrated into Northern Lights' working drawing.

As no conclusive G.L.O. or subsequent evidence of the section corner in question was recovered in the field, an analysis of the feature calls was used to assist in determining its position. A comparison was made of where the features fell in relation to 1.) a corner position based upon three point control, and 2.) a corner position based upon single proportionate measurement. The results are as follows:

Statement of Evidence

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Northeast corner Section 11, Township 142 North, Range 28 West,
of the 5th Principal Meridian, Cass County, Minnesota.

Distances are in chains.

Direction from corner position	G.L.O.	Single Proportion	3 Point Control
East			
Tam swamp NW/SW	15.00	15.01	20.64
Lv swamp N/S	25.00	23.20	28.77
Enter cedar	38.00	36.64	42.18
Dirty Nose Lk. MC	68.00	68.21	73.78
North			
Swamp E/W	7.00	8.42	8.56
Lv swamp	29.50	29.12	31.95±
South			
Lv. N. Pine	29.50	24.05	Completely miss
Tam/cedar NW/SE	35.50	31.87	feature

From this analysis, it is clear that the single proportioned position, in comparison, fits the feature calls better than the three point control position. Being that there was no collateral evidence to the contrary and being that the N/S lines were inherently run better than the E/W lines within Slater Township, it was Northern Lights' conclusion to use a single proportioned position for the section corner.