

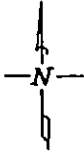
# CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

East Quarter Corner, Section 16, Township 142 North, Range 26 West, of the Fourth Principal Meridian, Cass County, Minnesota.

On June 18, 1997, Northern Lights Surveying and Mapping, Inc. monumented Cass County's 1916 perpetuation of the original General Land Office (G.L.O.) quarter corner.

## SKETCH OF REFERENCE TIES & EVIDENCE

T.142N., R.26W.



Section 16

Section 15

NOT TO SCALE

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

Quarter Corner  
Galvanized Steel Pipe  
with Stamped 0.083m diameter  
Brass Cap  
(1997)

0.145m Maple  
S77°E  
11.870m to 20d nail  
in SW face  
up 0.180m  
scribed S15BT  
(1997)

0.137m Aspen  
S5°W  
4.910m to 20d nail  
in east face  
up 0.400m  
scribed S16BT  
(1997)

0.203m Maple  
S41°W  
8.618m to 20d nail  
in SE face  
up 0.450m  
scribed S16BT  
(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.



400502

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.

*LaVerns Leuelling* 5-20-98  
LaVerns Leuelling Date

Registered Land Surveyor No. 18089  
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: 1:55 P.M. Date: June 1st, 1998

Recorder Claudine Kaylor

By K.J. Deputy

DOCUMENT NO. 400502

## Statement of Evidence

East Quarter Corner, Section 16, Township 142 North, Range 26 West, of the Fourth Principal Meridian, Cass County, Minnesota.

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

6" Tamarack (0.152m)	8" Birch (0.203m)
S38°E	S81°W
31 Links (6.238m)	33 Links (6.839m)

Said records are on file with the Secretary of State, St. Paul, Minnesota; handwritten copies of these notes are on file with the Chippewa National Forest Supervisor's Office, Cass Lake, Minnesota.

1916; Cass County Survey Record #411 Book "C"; during a survey of Slater Township Road, County Surveyor J.H. Flynn and Deputy Surveyor E.B. Horst found the original G.L.O. Tamarack stump, and established the following:

6" Norway Pine (0.162m)  
N9°E  
40.5 feet (12.344m)

1963; United States Department of Agriculture - Forest Service (U.S.D.A.-F.S.) T.142 N., R.26W. Field Book #1, p.31; a U.S.D.A.-F.S. survey crew searched the corner area, but found no evidence. Later, in July of 1979, survey crew of Hayes and Krause taped 2660 (810.770m) west from the center quarter of Section 15, and found the 1916 Cass County Norway Pine, now a stump. The crew set a nail in the township road and from the nail, established the following:

18" Norway Pine (0.457m)	18" Norway Pine (0.457m)
N49°E	N37°E
30 feet (9.040m)	39.5 feet (12.040m)

June, 1997; Northern Lights Surveying and Mapping, Inc. crew of Smith and Gerving cruised to and found the 1979 U.S.D.A.-F.S. nail for the quarter corner. Based on collateral evidence and feature calls, this position was accepted as the 1916 perpetuation of the original G.L.O. quarter corner.

June, 1997; Joe Foster of Northern Lights Surveying and Mapping, Inc. returned to the point accepted by Smith and Gerving and monumented its position with a 0.810m long, 0.051m diameter galvanized steel pipe with a 0.083m diameter brass stamped cap 0.280m below the grade of township road, and referenced it with the following:

0.145m Maple	0.137m Aspen	0.203m Maple
S77°E	S5°W	S41°W
11.870m to 20d nail	4.910m to 20d nail	6.616m to 20d nail
in SW face	in east face	in SE face
up 0.180m	up 0.400m	up 0.450m
scribed S15BT	scribed S16BT	scribed S16BT

No steel signposts were erected as the corner fell in the centerline of an old road.

Northern Lights Surveying and Mapping, Inc. Slater Township Field Book #3, p.36.

## Coordinates

## Cass County North

Northing = 62,679.935 meters  
Easting = 176,229.781 meters

State Plane Coordinates  
Minnesota Central Zone  
NAD 83

Northing = 332,875.583 meters  
Easting = 326,359.051 meters

Latitude = 47°05'34.10678" North  
Longitude = 93°54'10.17487" West