

**CERTIFICATE OF LOCATION OF GOVERNMENT CORNER**

East Quarter Corner, Section 31, Township 143 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota.

On August 18, 1998, Northern Lights Surveying and Mapping, Inc. found, accepted, and maintained the 1928 General Land Office (G.L.O.) perpetuation of the original G.L.O. Quarter Corner.

**SKETCH OF REFERENCE TIES & EVIDENCE**  
T.143N., R.27W.



NOT TO SCALE

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

\*  
0.200m Cedar  
N85°W  
5.262m to 20d nail  
in north face  
0.230m up  
(1970)

CEDAR

S31 S32

\*  
0.270m Cedar  
N37°E  
1.832m to 20d nail  
in northwest face  
0.130m up  
(G.L.O.)

Quarter Corner  
Brass Capped  
Iron Pipe  
up 0.200 m  
(1928)

] Steel Signpost  
East  
0.410m  
Sign 54-4



0.170m Cedar Snag  
S86°W  
4.270m to 20d nail  
in north face  
0.240m up  
(1970)

SWAMP



\*  
0.362m Cedar  
S34°E  
4.940m to 20d nail  
in south face  
0.350m up  
(1928)

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.

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.

Joseph Foster                      4-28-99  
Joseph Foster                      Date

Licensed Land Surveyor No. 25342  
NORTHERN LIGHTS SURVEYING & MAPPING, INC.

OFFICE OF THE COUNTY RECORDER 412420  
County of Cass

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

Time: 9:50 A.M. Date: 5-5-99

Recorder Claudine Taylor

By K.F. Deputy

DOCUMENT NO. 412420

## Statement of Evidence

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East Quarter Corner, Section 31, Township 143 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota.

September, 1873; General Land Office (G.L.O.) survey notes; Deputy Surveyor William Allen set a wooden post for the quarter corner and referenced it with the following:

6" (0.152m) Cedar	10" (0.254m) Spruce
N34°E	N21°W
10 Links (2.012m)	24 Links (4.828m)

1928; G.L.O. survey notes; survey crew set an iron post 3 feet (0.914m) long, 1" (0.025m) in diameter, 28" (0.711m) into the ground, and referenced it with:

12" (0.305m) Cedar  
S34°E  
23 Links (4.827m)

Said records are on file with the Secretary of State, St. Paul, Minnesota; copies of these records are on file with the Cass County Surveyor's Office, Walker, Minnesota.

March, 1935; United States Department of Agriculture - Forest Service (U.S.D.A.-F.S.) Form 874-9; R.M. Pierrdee, of the Civilian Conservation Corps (C.C.C.), found the 1928 iron post in place in good condition. He noted the following:

14" (0.356m) Tamarack	10" (0.254m) Cedar	8" (0.203m) Cedar Stump	12" (0.305m) Cedar
N15°W	N32°E	S45°W	S43°E
.19 chains (3.822m)	.07 chains (1.408m)	.19 chains (3.822m)	.18 chains (3.621m)

He put a metal location poster on a 16" (0.406m) Cedar, S58°W, 0.07 chains (1.408m) away. He noted that the corner fell along a trail.

June, 1970; U.S.D.A.-F.S. T.143N. R.27 W. Field Book #1, p.70; Curt Krause, under direction of William Okerman, R.L.S. No. 6807, found the 1928 iron post in good condition. He also found the 1928 cedar with scribe visible. Because the post was in good condition, no new monument was set. The following references were observed:

13" (0.332m) Cedar	15" (0.381m) Cedar
N37°E	S34°E
6.1 Feet (1.859m)	16.2 Feet (4.938m)
Rescribed BT (1873)	Rescribed BT (1928)

The following new references were established:

8" (0.203m) Cedar	Steel Signpost
N85°W	East
17.3 Feet (5.237m)	1.5 Feet (0.457m)
Scribed 1/4 S31BT	Sign 54-4

Later note in Field Book #1; Krause found a 7" (0.178m) Cedar stub with "1/4 S31BT" S66°W, 14.1 Feet (4.298m)

December, 1975; Certificate of Location of Government Corner (Doc.# 223551) filed by William Okerman, R.L.S. No. 6807, filed with Cass County Recorder's Office, Walker, Minnesota, with the above 1970 information.

August 18, 1998; Northern Lights Surveying and Mapping, Inc. crew member Matt Brunner cruised to the corner position and found the 1928 1" (0.025m) brass capped pipe in good condition. He also found the following references:

0.170m Cedar Snag	0.200m Cedar	0.270m Cedar	0.362m Cedar
S66°W	N65°W	N37°E	S34°E
4.270m to 20d nail in north face	5.262m to 20d nail in north face	1.832m to 20d nail in northwest face	4.940m to 20d nail in south face
0.240m up	0.230m up	0.130m up	0.350m up
Unknown Date	(1970)	(1873)	(1928)

## Statement of Evidence

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East Quarter Corner, Section 31, Township 143 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota.

Steel Signpost  
East  
0.410m  
Sign 54-4  
(1970)

He maintained the corner and GPS'd its position for control purposes.

Northern Lights Surveying and Mapping, Inc. Boy River Township Field Book #4, pp.29-33.

## Coordinates:

## Cass County North

Northing =70138.540 meters  
Easting =158457.843 meters

State Plane Coordinate System  
Minnesota Central Zone  
NAD 83

Northing =340124.952 meters  
Easting =808584.794 meters

Latitude =47°09'36".99902 North  
Longitude =94°08'12".44130 West