

SECTION 12, T35N-R15E
SURVEY NOTES

This survey was made by Coleman Engineering Company for the U.S. Department of Agriculture-Forest Service under Contract No. 53-56A6-4-00936, Order No. 43-56A6-5-0030 for the purpose of restoring and establishing corners on the perimeter of Section 12, for establishing subdivislonal corners within Section 12, and for locating and marking the boundaries of U.S. Government lands along the perimeter and within Section 12, Township 35 North, Range 15 East, Fourth Principal Meridian, Forest County, State of Wisconsin.

The survey is based on U.S.D.A., U.S. Forest Service GPS survey control completed in 1994 and the resulting sectional subdivision therefrom.

The original township line survey was completed by Artemas Curtis in 1857. The township subdivision survey was completed by James McBride in 1859.

The corner positions recovered, restored and established by this survey are marked by the monument described in the map legend.

The corner positions established were located to a minimum accuracy of 1 part in 5000.

The field notes of this survey and a copy of this plat are on file in the Forest Supervisor's office in Rhinelander, Wisconsin.

Conversions between grid bearings and true bearings are performed by use of the following algebraic formula: true bearing - convergence angle = grid bearing. (close attention to the algebraic sign must be observed, ie: \pm of the convergence angle.)

Distances shown are Wisconsin north zone state plane grid distances. Conversion to surface distance is performed by the formula:

$$\left[\frac{\text{Grid Distance}}{\left(\text{Grid Scale Factor} \times \frac{20,906,000}{20,906,000 + \text{Mean Elev.}} \right)} \right] = \text{Surface Distance}$$

Wisconsin north zone coordinates were computed by USDA - U.S. Forest Service and are based on the 1983 North American Datum.

COORDINATE VALUES ON 1983 NAD

<u>Corner Code</u>	<u>North Latitude</u>	<u>West Longitude</u>	<u>State Plane Coordinates</u>		<u>Convergence Angle</u>	<u>Scale Factor</u>
			<u>North</u>	<u>East</u>		
NW	45°-32'-07.69"	88°-34'-20.26"	137770.257	2334349.650	01°-01'-47.66"	1.000005809
N 1/4	45°-32'-08.44"	88°-33'-43.52"	137893.817	2336963.493	01°-02'-14.16"	1.000005769
NE	45°-32'-08.22"	88°-33'-06.54"	137918.970	2339595.561	01°-02'-40.84"	1.000005781
W 1/4	45°-31'-41.95"	88°-34'-20.19"	135163.354	2334402.004	01°-01'-47.71"	1.000007182
E 1/4	45°-31'-42.20"	88°-33'-06.75"	135283.024	2339628.358	01°-02'-40.68"	1.000007169
C-S 1/16	45°-31'-28.94"	88°-33'-43.13"	133893.125	2337063.795	01°-02'-14.45"	1.000007882
SE 1/16	45°-31'-29.05"	88°-33'-24.96"	133928.282	2338357.147	01°-02'-27.55"	1.000007875
SW	45°-31'-16.14"	88°-34'-19.47"	132550.681	2334499.804	01°-01'-48.23"	1.000008573
S 1/4	45°-31'-15.80"	88°-33'-43.00"	132562.712	2337097.150	01°-02'-14.54"	1.000008592

<u>Corner Code</u>	<u>North Latitude</u>	<u>West Longitude</u>	<u>State Plane Coordinates</u>		<u>Convergence Angle</u>	<u>Scale Factor</u>
			<u>North</u>	<u>East</u>		
E 1/16	45°-31'-15.967"	88°-33'-24.900"	132603.282	2338384.895	01°-02'-27.591"	1.000008583
SE	45°-31'-16.140"	88°-33'-06.811"	132643.853	2339672.641	01°-02'-40.642"	1.000008574

CORNERS RECOVERED OR RESTORED

1. Section corner common to Sections 2, 1, 12 and 11, T35N, R15E. Corner positioned by Milo Stefan in 1982 and recovered by Alan Harrison, RLS, on 12/14/93. Certificate on file in Forest County, Document No. 15184.
2. Quarter corner common to Sections 1 and 12, T35N, R15E. Corner position monumented by Milo Stefan, RLS, in 1982. Corner recovered by Alan Harrison, RLS, in 1994. Certificate on file in Forest County, Document No. 152893.
3. Section corner common to Sections 1, 6, 7 and 12, T35N, R15-16E. Corner position monumented by Jean Resvick, RLS, in 1977. Corner recovered by Alan Harrison, RLS, in 1994. Certificate on file in Forest County, Document No. 152892.
4. Quarter corner common to Sections 11 and 12, T35N, R15E. Corner position established by Alan Harrison, RLS, in 1984. Certificate on file in Forest County, Document No. 152891.
5. Quarter corner common to Sections 12 and 7, T35N, R15-16E. Corner position monumented by Jean Resvick, RLS, in 1977. Corner recovered by Alan Harrison, RLS, in 1994. Certificate on file in Forest County, Document No. 152890.
6. Section corner common to Sections 11, 12, 13 and 14, T35N-R15E. Corner position monumented by Jean Resvick, RLS, in 1969. Corner recovered by Alan Harrison, RLS, in 1994. Certificate on file in Forest County, Document No. 152880.
7. Quarter corner common to Sections 12 and 13, T35N, R15E. Corner position monumented by Jean Resvick, RLS, in 1977. Corner recovered by Alan Harrison, RLS, in 1994. Certificate on file in Forest County, Document No. 152887.
8. Section corner common to Sections 12, 7, 18 and 13, T35N, R15-16E. Corner position monumented by Jean Resvick, RLS, in 1978. Certificate on file in Forest County, Document No. 113291.

CORNERS ESTABLISHED

1. Center-South sixteenth corner Section 12, T35N, R15E. Established corner position at the mid-point on a straight line between the center of section and south one-quarter corner of Section 12.

Referenced as follows:

6" Tamarack	9" Tamarack	SSP
N-55°E	S-75°W	NW
16.13'	14.20'	1.19'

2. Southeast sixteenth corner Section 12, T35N, R15E. Established the corner position at the intersection of straight lines between opposing one-sixteenth corner positions on the perimeter of the SE quarter of Section 12.

Referenced as follows:

12" Wide Stream	SSP	SSP
North 7' East 24'	South	West
	5.04'	4.90'

3. East sixteenth corner common to Sections 12 and 13, T35N, R15E. Establish corner position at the mid-point on a straight line between the south one-quarter corner and southeast corner of Section 12.

Witness Corner	Hemlock	Hemlock
1" x 36"	10"	24"
N-02°E	N-23°E	S-38°E
33.00'	56.92'	67.10'
SSP		
N-02°E		
1.60'		

SURVEYOR'S AFFIDAVIT

State of Wisconsin)
 County of Forest) ss.

I, John R. Garske, Land Surveyor for Coleman Engineering Company and a registered surveyor in the State of Wisconsin, hereby certify that this survey of Section 12, Township 35 North, Range 15 East, Fourth Principal Meridian, State of Wisconsin, was performed under my direct responsible supervision.

The plat map and the notes herewith are a correct representation of the land surveyed and divided. I have surveyed and subdivided said section in accordance with the rules for survey of the public lands and with the statutes of the State of Wisconsin.



John R. Garske
 John R. Garske
 Coleman Engineering Company
 R.L.S., State of Wisconsin
 License No. S-1685

Plat ready for filing:

Tony Struck
 District Ranger

