

CORNER  
RESERVATION  
T141N R31W



MINING  
POST BOOK

No. 351

BOOK - 2

CORNER RESERVATION

T141N R31W B2

USFS

FIELD BOOK #2 of 5

T 141N		R 31W		5th P.M.						
		Cass Co		Mo		County				
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Colored Numbers refer to page  
ON which Notes for That  
Corner May Be Found.

1 N-11  
1/4 Sec Cor 16-21

Orig Notes:

J. Pine 8" South 7 Lks  
paper 8" 5806 9 "

Searched 3 man hours - found F.S. metal  
Location poster on a 14" Jack pine.

Put up by Johnson in 1938 says corner  
is N23°E 64 Lks. No evidence of orig.

corner or BTs was found, 5-2-62 RHM

R-9-5680-11  
RHM

CERTIFICATE FILED

2 L-9  
W/ Cor. Sec 16-17

WITNESS CORNER TO 1/4 CORNER

Orig Notes:

Tam 10" S50E 5 LKs 3.30

Tam 10" S8E 23 " 15.18

JUNE 13, 1977

STEFAN Y KRAUSE

FOUND 2" X 5' IRON PIPE WITH PIPE  
CAP AT EDGE OF CREEK. (OLD CHANNEL)  
F.S. LOCATION POSTER, SOUTH 12.6'

PLACED 3" X 3" X 10' LONG POST ALONG  
SIDE PIPE. AND NEW LOCATION POSTER  
N64W, 25.2' (11/76) ON 10" B. SPRUCE

BLAZED LINE SOUTH, AGED ON CEDAR  
TO BE 70-75 YEARS AGO.

SEE TRAVERSE NOTES by STEFAN, JUNER, I,  
1977 FOR NORTH COUNTRY TRAIL R.O.W.

CERTIFICATE FILED

11-12-76 CK-LW

FD. 2" IRON PIPE - IN PLACE - 12" ABOVE GROUND.  
FD. 10" TAM. WINDFALL SOUTH 9' WITH FSLP ON NORTH  
SIDE OF DOWN TREE

SET 3" X 3" X 10' TAM POST - 5' HIGH ALONG SIDE PIPE  
CORNER IS AT EDGE OF OLD STREAM BED.  
PUT FSLP ON 10" BLACK SPRUCE S64W - 25.2' FROM IRON  
PLACE TAG ON 9" J. PINE - 900'S OF 1/4 COR.  
TAG IS ON SOUTH SIDE OF WOODS TRAIL (SNOWMOBILE TRAIL)  
TRAIL RUN E+W - BLAZED J. PINE ON NORTH SIDE

3 J-9  
Sec Cor 8-9-16-17

Orig Notes:

Poplar 3" N48E 20 LKS  
Birch 4" N27W 5 "  
Birch 5" S48W 7 "  
Poplar 3" S59E 10 "

Notes of E. B. Horst, Cass County Surveyor, 1917:

Found a popple post marking corner &  
all four B.T.'s. (burned and rotting stumps) with  
S.E. stump bearing marks.

Set a 2" x 48" I.M. and new B.T.'s (08°30'W)

(Found 2" x 48" Iron pipe marking corner)

Popple, 4", N52° 05' E, 51.3' 56.8' not found

Popple, 4", N54° 40' W, 51.3' not found

Popple, 4", S46°32' W, 51.5' not found

Birch, 5", S55°20' E, 50.0' (Now a clump of  
small birch S55½°E 50.0')

An old cut out line is plainly visible  
running north from corner.

4-30-62 R.H. McDonald

Affidavit RHM

R9-5680-11 d/175

Set a 2" inside dia. 5 ft. Long galvanized  
wrought iron pipe filled with concrete  
and capped with a 3" dia. bronze tablet  
stamped:-

T141N R31W

S8 | S9

S17 | S16

1962

RLS NO 3628

Marked new bearing trees:-

Oak, 7" N41°W 82.2' MKD S8 BT

Oak 10" S55°E 58.2' MKD S16 BT

Rock 6.0' x 2.0' x 1.4' high N33½°E 60.7' to X

Cedar post 4.0' x 4.0' x 72" penta-treated with  
red top S55°W 1.87'

5-1-62 R.H. McDonald

A G.S. metal Location poster from 1937  
was found on a 5" Birch S49°W 0.07 chs.  
RHM

12-1-98 REMAIN

PLACE FSLP ON 5" W. OAK ON EAST SIDE OF  
FR2627 FROM WHICH CORNER BEARS EAST  
± 600 FT.

3-1-1985

PIAT BY BILL OKERMAN UNDER CONTRACT WITH  
FOREST SERVICE.

J-11  
4 1/4 Cor Sec 9-16

Orig Notes:

4 Pine 24" N71E 22 Lks (14.52')

4 Pine 20" S61E 32 " (21.12')

Searched 9 man hours but no evidence  
of orig. corner was found. 7-17-62 RHM

R9-5680-11 dte

CERTIFICATE FILED

5 G-9  
1/4 Cor Sec 8-9

Orig Notes:

Poplar 4" N17°W 8 Lks

Poplar 3" N37°E 17 "

No evidence of a corner was found. An old brushed line is visible running north between sections 8-9 believed to be from County survey of 1917 by E.B. Horst.

5-1-62 Robert H. McDonald

R9-5680-11  
RHM

CERTIFICATE FILED

E-9  
6 Sec Cor 4-5-8-9

Orig Notes

J. Pine 10" N18°E 28 Lks (18.48')  
 J. Pine 6" NE4°W 10" (6.60')  
 J. Pine 4" S20°W 6" (3.96')  
 J. Pine 4" S16°E 6" (3.96')

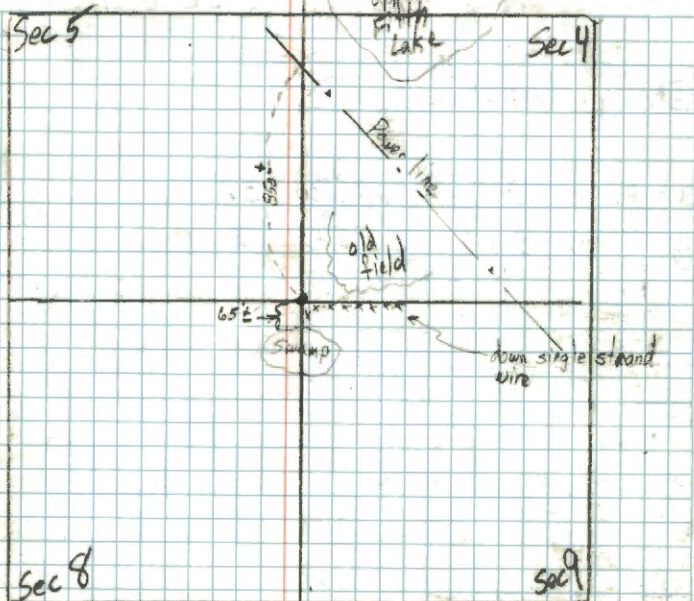
From a survey of Cass Co. Surveyor John M. Greene in 1924 a plat of his survey of Sec. 4 is filed in Cass Co. Courthouse Iron monument -

4/10/83  
 Searched in area at S-W corner of field found a fence corner est to be 30 years old. - F.S. metal location poster on 8" J. pine 4' East of this fence corner calls this approx. Cor. An older location poster on a 12" J. pine 40' East of fence faces N-W & gives corner location differently.

4/10/83 Hays, Krause, Brannan, Allison

A corner location as determined by W. Curo (1976?) searched extensively for evidence of the original and J. Greene's 1924 survey. The field books of John Curo (1916-1917) and those of J. Greene's do not indicate that any original evidence was found. Apparently set corner from R.R. files on other obliterated evidence.

R9-5680-11 2ITE

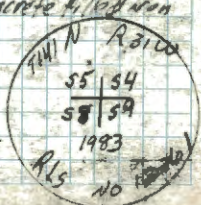


See Cass County Field Books # 86 & 133

4/10/83 (cont.) This corner position falls 65° ± North of a swamp (orig. call was one chain). A downed wood fence post was 10" south of corner position with a single strand of barbed wire lying down east and south. The tags, reported found in 1962(?) by F.S. employees were found on down snags. The tag which was 240 east is not readable and no information on its history can be found. A 14" Jack Pine SE of cor. position was chopped open (jx a snag) and revealed an old blaze. No history of this blaze is known. Some pine stumps (buried) we found were checked for scribbles - none was to. This area appears to have been turreted at one time for planting of trees. Metal detectors revealed no evidence of Greene's iron.

7-22-83  
 Corner position was determined by obliterated evidence using the 1924 County survey, found fence corner, and the original survey set for the Swamp to the south. Set 2' x 36" galv. concrete filled iron pipe w/ brass tablet stamped:

from which bears:  
 W. Pine 082" N10°E 107.15' T1W1R2W54 BT  
 J. Pine 10" S58°E 49.84' T1W1R2W59 BT  
 W. Pine 5" S43°W 41.04' " X BT  
 J. Pine 9" N42°W 50.30' T1W1R2W55 BT  
 8' steel sign post North 3.9'  
 8' steel sign post South 4.0'





7 1/4 Cor Sec 4-9

Orig Notes

W. Pine 30" N85°W 37 Lks

y Pine 30" S55°E 7 "

CERTIFICATE FILED

8 1/4 Cor Sec 4-5

Orig Notes

N

S. Pine 10" N17°W 31 Lks

Birch 8" N33°E 9 "

The 1924 County Subdivision of Sec. 4 determined that this position falls in the lake.

For the cadastral survey of sec. 5 this corner position is redetermined at its proportionate position between the recovered N $\frac{1}{4}$  corner (1924 survey) and the repositioned SE sec. cor. of sec. 5. As this position falls in the lake a witness corner was set N2°08'11"W, 123.00 ft of the true position.

SEE BOOK #5, page #24

9

X-5

1/4 Cor Sec 31-32

## Orig Notes

Soft Maple- 5" N70E 15 LKs  
 Lynn 6" S16W 19 LKs

No orig. evidence was found.

Found a 2" dia. Iron pipe marking corner  
 18" high - FS. post is ON a 11" Aspen.  
 7 LKs west of Cor. Search time 6 man hrs  
 10/3/61 RHM

Notes of Cass County Surveyor E. B. Hoyt  
 in 1921 Cass County Record book "C" page 496.  
 Iron monument (this is the pipe found  
 marking corner.)

Set a 2" inside dia. gal. wrought iron pipe  
 5' long & capped with a 3" T14INR31W  
 dia. bronze tablet stamped-

S 31 | S 32

1962  
R.L.S. NO 3628

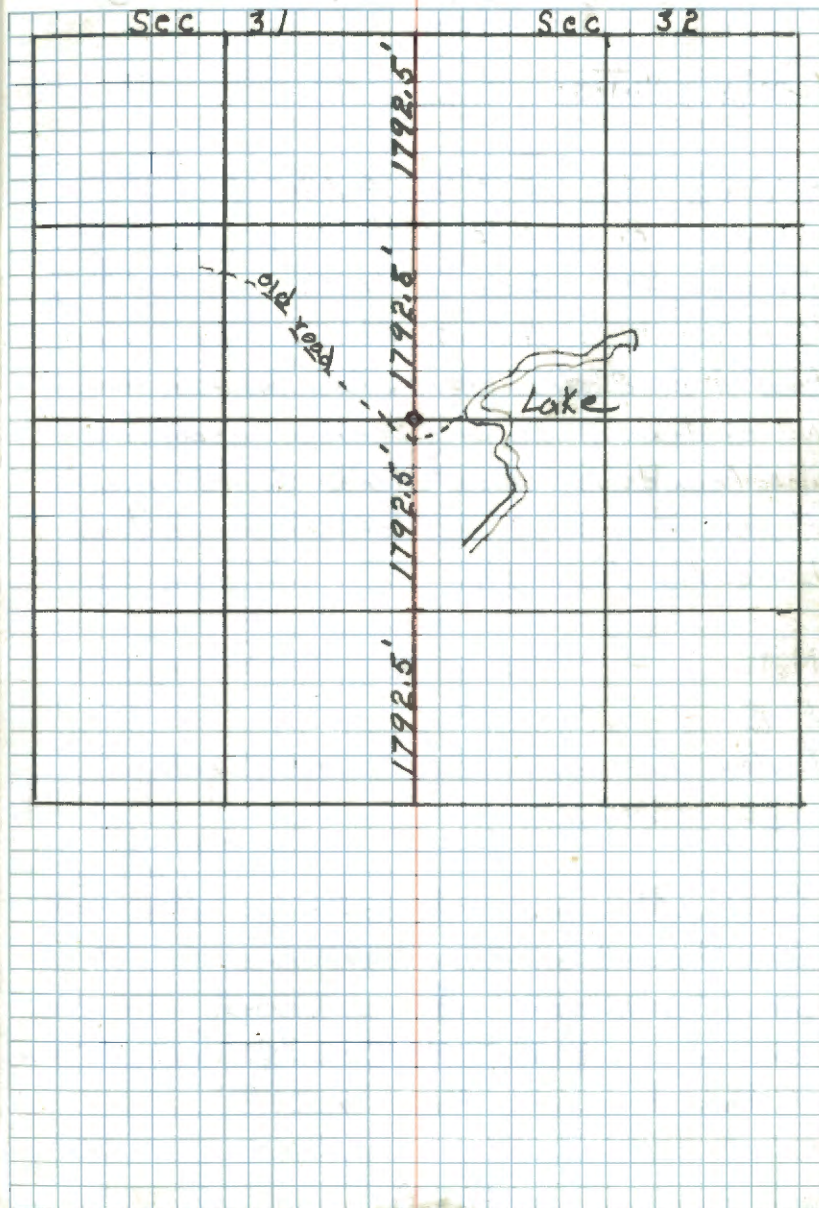
*[Signature]*  
 9/6/62 ✓

Red Pine 19" S73°E 32.5' MKD 1/4 S32 BT  
 Oak 9" S74°W 21.2' MKD 1/4 S31 BT  
 Steel sign post 72" long with signs 54-2  
 & 54-4 attached North 175'

5-24-62 *[Signature]*

Affidavit RHM

R9-5680-11 &amp; NE



10 V-5

Sec Cor 29-30-31-32

## Orig Notes:

poplar	6"	S9°W	6 Lks -	} Stps in 1921 apparently ok in Co. Rec. Bk C by Horst
poplar	8"	N12°W	9 "	
Birch	6"	S66°E	4 "	
Birch	4"	N51°E	10 "	

Found a 2" dia. iron pipe marking cor.  
No evidence of orig. cor. or accessories  
was found. F.S. poster was found on a 8"  
Aspen approx 10' East of cor. Search time 7  
hours 10/3/61 RHM

Notes of Cass County Surveyor  
E B Horst 1921  
Taken From County Record Book C  
Page 446.

Iron Monument: (this is the iron  
pipe found marking corner.)  
Found a 10" pine stump 10' high with  
scribing visible N57°E 39.0' NO record  
of this tree was found. RHM

Affidavit RHM

R9-5680-11 site

Set a 2" inside diameter 5' long galvanized  
wrought iron pipe filled with concrete  
and capped with a 3" dia. bronze tablet  
stamped: -

T141N R.31W  
S30 | S 29  
S31 | S 32  
1962  
RLS No 3628

From which bears  
Red Pine 14" S42½°W 43.3' MKD S 31 BT  
White Pine 22" N46½°W 59.3' MKD S 30 BT  
Cedar Post 4"x4"x72" penta-treated with  
red. Top S64½°E 4.9'  
Steel sign post 72" long with signs  
54-2 & 54-4 attached S70°W 2.42'  
5-24-62 R.H. McDonald

RHM  
9/6/62

11-07-2016 R. MAIN  
GPS IRON SURVEY GRADE CASS CO NORTH CORNERS  
N=170881.652 E=394177.974

V-7  
11 1/4 Cor Sec 29-32

Orig Notes:

Birch 6" N74E 3 LKs

Pine 5" N78W 7 "

I paced East from Sec. Cor. & searched  
6 man hours but no evidence of orig. cor. or  
accessories was found. 10/4/61 RAM

R9-5680-11  
RAM.

**CERTIFICATE FILED**

12-13-2016 R. MAIN  
GPS IRON SURVEY GRADE CASS CO NORTH  
COORDINATES N=170716.771 E=396784.393

104015.887  
337037.175

V-3

12 1/4 Cor. Sec. 30-31

Orig. Notes

Birch 5" N 7° E 19 LKs

Oak 7" S 19° W 23 LKs

Re-monumented by Harold Curo, Cass Co. Surveyor  
in 1959

set a 2 3/4" x 60" capped monument filled with  
concrete

Ash 7" N 69° 30' E 46.65' mxd S 30 T 14 R 31

Ash 10" N 46° 11' W 109.90' mxd S 30 T 14 R 31

Tamarack 4" S 31° 18' E 70.35' mxd S 31 T 14 R 31

CERTIFICATE FILED

T-5

13

1/4 Cor. Sec's 29-30

Orig. Notes

N. Pine 20° S 10° E 23 Lks

B. Oak 5" N 10° W 11 Lks

Remonumented by Cass County surveyor

Harold Curo in 1958

Set a 2 3/4" x 60" capped monument filled with  
concrete:

From which bears

White Oak 4" N 2° E 32.05' MKD S 29 T 14 R 31

Red Oak 8" N 75° 27' W 26.65' MKD S 30 T 14 R 31

Red Oak 6" S 67° 31' E 36.75' MKD S 29 T 14 R 31

CERTIFICATE FILE

R-5

14 Sec. Cor. 19-20-29-30

Orig. notes

J. Pine 6" N80E 10 LKS (6.60')

J. Pine 5" N19°E 16 LKS (10.56')

J. Pine 5" S47°W 18 LKS (11.88')

Poplar 7" S87°W 19 LKS (12.54')

Re-monumented by Cass County Surveyor Harold  
Curo in 1958

A 2 3/4" x 60" capped monument filled with concrete

ELM 4" N89°44'E 20.65' MKD S20 T141 R31.

ELM 4" S32°04'E 9.45' MKD S29 T141 R31

ELM 7" S13°43'W 30.70' MKD S30 T141 R31

From Rec. Book C p 456 Jan 30, 1922

James Flynn - Co. Sur.

W.P. 20 N71°00'W 83.7

Pop 9" S13°45'W 28.8

1984 - Kerick Surveying - Con. Cert # 280485

Recovered the 1958 monument and 3 BTs. Con.  
Cert says that in 1921 Horst set cor by double  
proportion. Kerick rescribed 1958 trees and set  
a 6" Maple N9°W 19.69'.

7/7/87 M. Hayes &amp; C. Krause

FD monument in good condition 1.5' above ground.  
Recovered the following trees:

(1958) Elm Ash 8" N85°E 20.6' scribe overgrown / ST visible

(1958) Elm Ash 7" S32°E 9.6' " " / ST visible

(1958) Elm Ash 10" Windfall SW 30.7'

4x4x6 Cedar post N37°W 21.38' scribed 519 T41 R31 BT

(1920) Maple 7" N9°W 19.69' scribe 519 ST visible

**NEW A WELD FAST/W/ TAG 2016**

(1922) Pine stump (fragments of steel) N71°W 83.7'

No other BT evidence fl. Take the following notes

W. Oak 8" N20°E 40.27' scribed 520 BT

W. Oak 6" N88°W 37.15' scribed 519 BT

R. Oak 6" N48°W 20.15' **GONE 2016**

Also recovered steel sign post west (S70°W) 3.4'

9-28-2016 R. MAJEN

FD IRON & GPS SURVEY GRADE CASS COUNTY NORTH  
COORDINATES. N=176125.361 E=394194.342



15 R-7  
1/4 Cor Sec. 20-29

Orig. Notes

J. Pine 8" N20W 84 Lks 55.24'

J. Pine 8" S60°E 90 Lks 59.40'

Chained East From Sec Cor 19-20-29-30

Searched 6 man hours - NO evidence of orig.

cor. was found. 10/4/61 RHM

Survey by Schneider & Buxton, 1977

Set 5' concrete filled galvanized pipe

with brass cap - mtd. T41W R31W

by proportion

1/4  $\frac{5.00}{5.24}$   
R.L.S. No. 5740

from which bear:

W. Oak 9" N56°E 13.09' Y4520BT

W. Oak 9" S39°W 52.50' Y4529BT

R. Oak 12" N78°W 37.70' Y4520BT

R. Oak 10" S04°W 22.12' Y4529BT

9' steel sign post East 3.0' w/54-4

Monument & big trees set by C. Krause 1977

See Million Lake Plat

R9-5680-11  
RHM

CERTIFICATE FILED

12/15/92 GB-CK

CUT TOP OFF 1977 IRON PIPE & REMOVED  
DROVE IRON FLUSH WITH GROUND

REMOVED SIGN POST

BT'S. WILL BE TIED TO NEW MONUMENT  
BY LANDECKER & ASSOC.

11-07-2016 R. MAJEN

GAS IRON SURVEY GRADE CASS CO NORTH  
COORD N=175995.904 E=396867.565

R-3

16 1/4 Cor Sec's 19-30

Orig. notes

Birch stub 8° N70W 209 LKs

Remonumented by Cass County Surveyor  
Harold Curo in 1958

Set a 2<sup>3/4</sup>" x 60" capped monument  
from which bears

ELm 8° S66°21'W 31.45' MKD S30 T14R31

Ash 7° N38°00'W 21.40' MKD S19 T14R31

White Oak 8° N57°33'E MKD S19 T14R31

11-9-2016 R MAIN

GAS IRON SURVEY GRADE CASS CO NORTH  
COORDINATES N=175176.533 E=39154.217

P-5 Affidavit P-5

17 1/4 Cor. Sec's 19-20

B. Oak 6" S35°W 8 LKs 5.28'

B. Oak 6" S40°E 13 LKs 8.58

Searched 6 man hours but no evidence of orig. Cor was found. Chained North from Sec. corner 19-20-29-30 as per call of original notes. RH McDonald

This corner set by proportional measurement in subdivision of section 19.

To perpetuate this corner I set a 2" dia. 60" long galvanized steel pipe, filled with concrete and capped with a 3" dia. brass tablet stamped.

T141N R31W  
1/4  
519 | 520  
1971  
RLS NO 6807

Witnessed by

7" Red Oak S87°W 49.9 ft. scribed 1/4 519 Bt.

18" Norway Pine N51°E 111.4 ft. scribed 1/4 520 Bt.

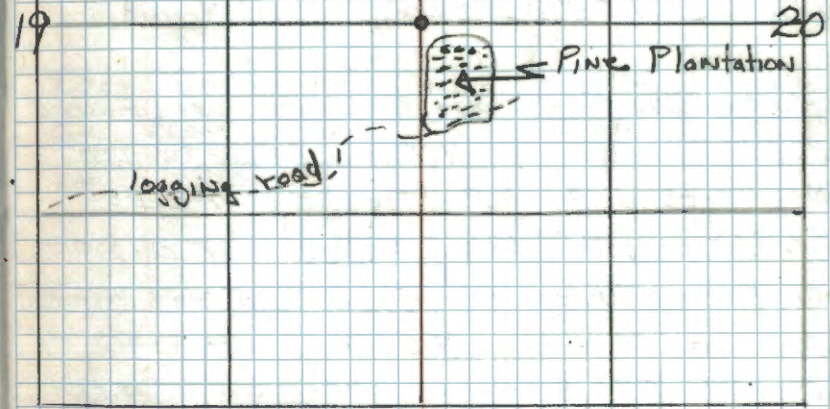
9" White Oak S75°E 69.4 ft. scribed 1/4 520 Bt.

4" x 4" x 84" Red top cedar post set due North 3.0 ft. with F.S. signs 54-2 & 54-4 attached.

4-30-71

Curtis R. Kramer

10-24-2016 R. MAEN A. SKATTUM  
GPS CORNER SURVEY & GRADE CASS CO  
NORTH COORDINATES  
N=178729.684 E=394371.38  
1971 R. OAK NOW A WINDFALL R. PINE AND  
W. OAK ARE GOOD.



N-5

18 Cor. Sec's 17-18-19-20

Orig. Notes

W. Pine 8" North 80 Lks (52.8') (Now some roots of Pine found under bog North 52.8')

W. Pine 20" S28E 100 Lks (66.0') Not Found

N. Pine 20" S27W 230 Lks (151.8') (Now a pine str. &amp; windfall badly buried S27W 151.8')

N. Pine 20" N35W 250 Lks Not Found

Paced West From Approx. 1/4 Cor Found  
2" PIPE in Marsh. N. Pine 20" S27W 150'  
Now rotted SWAMP Ties to PIPE, No  
scribbling, No other evidence of orig cor  
or accessories was Found 5 Man Hours  
Search + 1 MC FS Poster WAS  
Found 57' South of PIPE on 30" W. PIPE  
10/6/61 H.B.W.

Set a 2" inside dia. 5' Long galvanized  
wrought iron pipe Filled w/ concrete and  
capped w/ a 3" dia. bronze  
tablet stamped

T14N R31W  
S18 | S17  
S19 | S20  
1962  
RLS NO 3628

Affidavit RHM

R9-5680-11 JHE

Red Pine 18" N68°E 101.05' MKD S17 BT

OK Red Pine 15" S56°E 85.0' MKD S20 BT

OK White Pine 29" S6 1/2°E 57.8' MKD S20 BT

NOW 70' TALL SNAG  
Steel sign post 72" long set 24" in ground with  
sign 54-4 attached N50°W 3.7'Corner Falls in a small marsh approx. 200'  
in diameter. 7-10-62 R.H. McDonald

this Corner was Marked with  
an Iron Pipe By John Coro  
in 1915.

Found original Cor stake 4/27/21  
NW tree shows blaze  
SW & SE trees marked E.B. Horst

10-24-2016 RMAIN A. SKAMM  
Found IRON IN PLACE AND GPS SURVEY GRAPE  
CASS COUNTY NORTH COORDS

N=181331.974 E=394547.848

N-7

19 1/4 Cor. Sec's 17-20

Orig. Notes - N. Pine 30° S 40° W 120 Lks.

N. Pine 29° N 57° W 127 Lks

Paced East From APPROX 1/4 Cor

(4" Blazed ASPEN) Searched 4 Man hrs.

No Evidence of orig corner or accessories

Found 10/6/61 H.B.W.

Chained east from Sec. Cor. to Sec's. 17-18-19-20

over rolling land with heavy underbrush - aspen  
birch - scattered hardwoods and Pine

1180' E to woods road N-5

2000' E enter mostly hardwoods & scattered pine

2609' E Set picket for 1/4 Cor. (in soft hole)

fd. large Pine stp. S 43° W 79.2' burned & rotted  
no scribe visible - but has flat face or blaze  
facing corner

fd. large Pine stp. N 57° W 83.8' burned & well  
rotted down - no marks on stump

Put FSLP on 21" N. Pine due south 45.0' from  
picket in hole 11-9-76 CRK-LW

N. Pine stand is north & NE of corner location

FSLP at road crossing west of this corner

R9-5680-11dNE

N-3

20 1/4 Cor. Sec's 18-19

Orig. notes: - N. Pine 19" N70°W 34 AKs

N. Pine 10" S61°E 90 AKs

1 1/2" IRON PIPE Good condition 24"  
above ground Found 12/9/37 SET BY ?

11-7-2016

Fd 3 1/2 FT X 2 INCH IRON PIPE. TOP 1/2 BENT  
BOTTOM 2 FT STRAIGHT UP AND DOWN.  
CORNER FALLS IN RAINE PLANTATION.

1473.6' 571°38'W

2947.2 3451.2

21 L-5  
1/4 Cor. Sec's 17-18

Orig. notes:- N. Pine 10" N60E 27.4k (17.82)

N. Pine 8" S15°W 40 k (26.40')

Found a 1/2" inside dia. iron pipe marking corner. (From notes of Cass County Surveyor John Curo in 1915 - set iron monument)

Found 2 Local Bearing Trees w/ scribe plain

Jack pine 11" N55°E 30.0'

Jack pine 12" S77°W 17.8'

Trees marked approx 25 years ago

Set a 2" inside diameter 5' long galvanized wrought iron pipe filled with concrete and capped with a 3" diameter bronze tablet stamped

T141N R31W

1/4  
S18 | S17

1962

RLS NO 3628

OK  
8/21/62

Jack pine 10" S66°E 31.4' MKD 1/4 S17 BT

Jack pine 12" N35°W 13.3' MKD 1/4 S18 BT

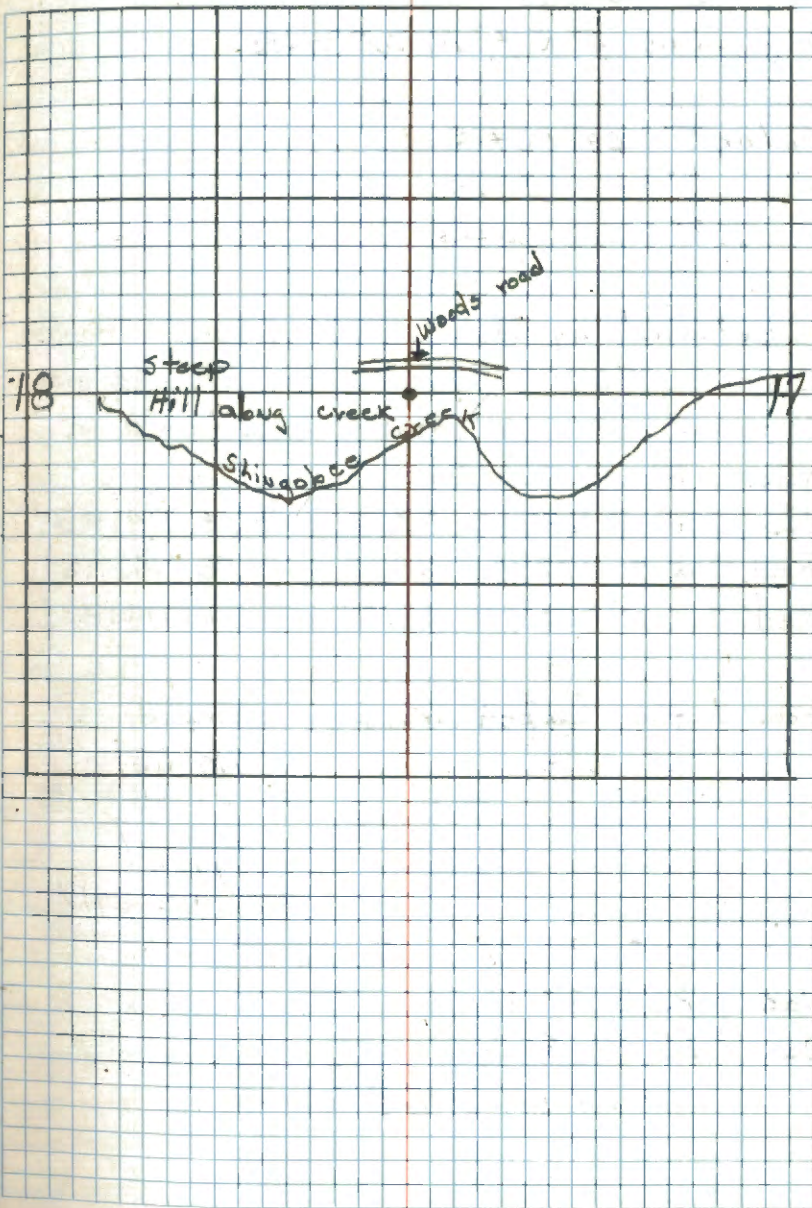
72" long steel sign post w/ sign 54-4

attached S62 1/2°W 2.55'

6/26/62 RHM Donald

Affidavit  
RHM

R9-5680-11 ditc



J-5

22

Cor. Sects 7-8-17-18  
Orig. Notes Oak 4" N50E 41 Lks

Poplar 4" N64W 34 Lks

" 3" S90W 32 Lks

" 3" S61E 20 Lks

Perpetuated by Cass County surveyor Harold  
Curo in 1959 - He marked the 2 1/2" x 48" iron  
capped monument which was found in  
place. New B.T's -

Red Oak 5" N3°01'E 27.25' MKD S8 T141R31

Red Oak 4" N77°14'E 35.10' MKD S8 T141R31

Red Oak 10" S25°47'W 66.50' MKD S18 T141R31

Found the capped iron pipe stamped: -

T141R31

S7 S8

S18 S17

1959

RLS NO 3417

Oak N21°E 27.25' Scribe plain

Oak N85°E 35.1' " "

Oak S22°W 66.5' " "

8-27-62 R. M. Donald



23

M.C. Fractl Sects 8-17 East Bank

Orig. notes:- Tam. 12" N37E 9Lks

Tam. 4" S17°E 7Lks

CERTIFICATE FILED

24

M.C. Fract Sec's 8-17 West Bank

Orig. notes: Tam 10" N13W 48Lks

Tam. 4" S34°W 49Lks

**CERTIFICATE FILED**

25 1/4 Cor. 8-17

Orig. notes: - J. Pine 12" N23°E 90 Lks (59.4)

J. Pine 10° 586°W 22 Lks (14.52')

CERTIFICATE FILED

J-3 Affidavit 8/17/78

26 1/4 Cor. Sec's 7-18

orig. notes: - Poplar 3" SB/W 3 LKS

Poplar 3" N27W 9 LKS

Witness corner for the 1/4 corner was  
remonumented by Cass County surveyor  
Harold Curo in 1958 - witness corner is  
9 feet East of point for 1/4 Cor. which falls  
in Lake Alice.

Marked the 2 1/4 x 48" iron capped monument  
which was found in place.

From which bears: -

Norway pine 22° N 3° 26' E 39.25' MKD S7 T14 R31

Red Oak 8° S 78° 31' E 33.15' MKD S18 T14 R31

White Oak 6° S 34° 20' E 53.0' MKD S18 T14 R31

Found capped iron pipe MKD <sup>Surveyor</sup> 7/41  
S 7  
Wit 5' E 1/4  
SB  
R31  
PLS 1959  
NO 3417

Red Pine 24" N12° E 39.25' MKD T14 R31 S7 BT

Oak 7" S27° E 53.0' MKD S18 T14 R31 BT

Oak 9" S72° E 33.15' MKD S18 T14 R31 BT

on 2/19/80  
MKS

G, H-5

27 M.C. Fract Sec's 7-8 South bank Ten  
Lk.

Orig. notes:- Elm 4" S72°E 9 Lks

Y. Pine 14" S90°W 72 Lks

Perpetuated as a witness corner for the  
1/4 Cor. sec's 7-8, (point for this falls  
in Ten Lake) by Cass Co. Surveyor Harold  
Curo in 1959 - he marked the iron cap  
of a 2 1/2" x 48" iron monument "witness 1/4  
176 ft south" from which bears

White Oak 4" S53°46'E 28.25' MKD S8 T41 R31

Elm 9" S3°32'E 27.30' MKD S8 T41 R31

Elm 7" S46°33'W 46.50' MKD S7 T41 R31

Found pipe w/ Iron cap stamped:-

Wit
1/4
176' 5
S 7   S 8
T 41   R 31
RLS NO 347

Ash 7" S55°W 46.5' scribe plain

Ash 9" S4°W 27.3' " "

Oak 4" S46°E 28.25' " "

I set a steel post 72" Long 24" in ground w/  
sign 54-4 attached N21 1/2°W 4.25'

8-24-62 A.H. McDonald

28

M. C. Fract Sec's 7-8 North bk. TEN Lake  
Orig. notes: White Oak 7" N55E 125 lbs

W. Pine 30° S75W 179 lbs

CERTIFICATE FILED

29 E-5  
Cor. Sec's 5-6-7-8

Orig. notes: - W. Pine 12" N33E 94 LKs

W. Pine 36" N58W 30 LKs

W. Pine 24" S8W 49 LKs

W. Pine 24" S40E 55 LKs

From Cor. Certificate Book #1, Doc. #7, 141-81

↓ Perpetuated by Cass County Surveyor

Harold Curo in 1958 - he found a 2 1/2" x  
48" Gal. iron pipe with a pipe cap marking  
corner.

From which bears

Norway Pine 18" S78°20'E 42.30' MKD S8 T141 R31

Red Oak 6" N18°52'E 19.60' MKD S5 T141 R31

Red Oak 9" N79°55'W 20.0' MKD S6 T141 R31

SURVEY BY JAHN CURO IN 1942, #590  
BOOK "D" IN CASS CO. COURTHOUSE.

TIE TO 2" IRON PIPE

12" R. OAK, N27°40'E, 63.4'

16" R. PINE, S82°30'E, 41.6'

4" W. OAK, S32°10'W, 13.1'

6" R. OAK N85°W, 20.05'

TO PERPETUATE THIS CORNER I SET 2" DIA. 5' LONG  
GALVANIZED STEEL PIPE, WITH CONCRETE INSIDE AND  
CAPPED WITH 3" DIA. BRASS TABLET MARKED

RESET CURO'S PIPE BESIDE T141NR31W  
OUR MONUMENT

PILED ROCKS AROUND PIPE

56	55
57	58

1978  
RLS NO 12261

WITNESSED BY

R. OAK 7 N40W - 33.18' MKD T141NR31W S6 BT

N. PINE 23 S80E - 41.55' RESURBED BT

W. OAK 7 N41E - 67.43' MKD T141NR31W S5 BT

W. OAK 6 S35W - 13.22' RESURBED S7 BT

SET 8' STEEL POST DOE SOUTH 4.0' WITH F.S. SIGNS  
54-2 & 54-4

6-2-78

Curtis R. Kramer

E-8,9

30

M.C. <sup>#31</sup> Frac't sec's 5-8 East bank Fifth  
 Orig. notes Birch 3" S21E 21 Lks 1386'  
 Birch 8" N84E 85 Lks. 56.1' (Now a 14" stub  
 6' high w/ window facing corner scribe decayed  
 Notes of E.B. Horst, Cass County Surveyor, 1917:  
 From orig. B.T.'s, set a 2" x 48"  
 iron monument (Found in place)

galvanized wrought iron pipe

Set a 2" inside diameter 5 foot long filled  
 w/ concrete and capped w/ a 3" diameter  
 bronze tablet stamped:-

T141NR31W  
 MC / S5  
 S8  
 1962  
 RLS NO 3628

JH  
 1/28/63

Red Pine 22' S20W 86.4 ft MKD MC S8 BT  
 Steel sign post 72" long w/ sign 54-4  
 attached S60E 5.23 feet

9-26-62 RHM Donald

308-84 Krause, Brama & Allison

Monument was tipping so was straightened and supported by  
 sign post. Replaced the 1962 Glt sign post.

Affidavit RHM

R9-5680-11 dME

Was this corner  
 straightened and  
 new ties made  
 on 3-28-84?



31 E-7,8

M.C. <sup>#70</sup> Fract sec's 5-8 West bank Fifth  
Orig. notes: - Willow 3" 579W 12 LKs  
Willow N81W 12 LKs.

1-19-79 Stefan & Hayes

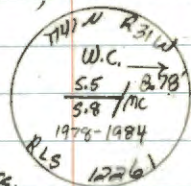
Located search area with traverse. No evidence  
of original found. Proportionate position  
fall just up on bank but in a beaver run.

3-26-84 Hayes, Krause, Brama & Allison

Established a position for WC by traverse.

3-28-84 Krause, Brama & Allison

At the proportionate position between the MC easterly  
and the reestablished quarter ~~or~~ westerly, determined the position  
falls in a beaver run. Set a Witness Corner which is  
a 2" x 60" galv. concrete filled iron pipe with brass tablet  
stamped:



and sets 10" above ground, is at  
the base of a slope and is approx.  
20' west of the bog edge. No  
trees near.

from which bears.

8' steel sign post N3°E 5.25' w/sign 54-9

8' steel sign post S58°W 5.25' w/sign 54-9

8' steel sign post S52°E 4.95' w/sign 54-9

This WC MC bears N87°24'22"W 8.78' from true MC position.

E-7

32 1/4 Corner Sec's 5-8

Orig. notes: W. Pine 29" N71W 30 lbs 19E'  
32 lbs 2112

V. Pine 8" S78E 10 lbs 6.60'

Searched 2 man hours on a V. Pine ridge  
but no evidence was found. Chaining &  
photo used to find search area. JHM

4/19/83 Hayes, Krause, Allison; Brama

Searched an extensive area surrounding the  
proportionate position for 1/4 cor (established by  
survey blun MC gasterly; Sec. Cor. westerly).Found many buried pine stumps but no conclusive  
evidence was found of B.T.'s or corner post.A rusty steel fence post was found approx. 50' east  
of proportionate position. A small quantity of  
barbed wire was found strewn near theproportionate position but no evidence  
of any fence post or other wire evidence  
was found. (a metal detector was used in the search).  
No record of the rusty fence post or other surveys was found. MC  
other than the RR Plat of the Great Northern RR.

9-22-83

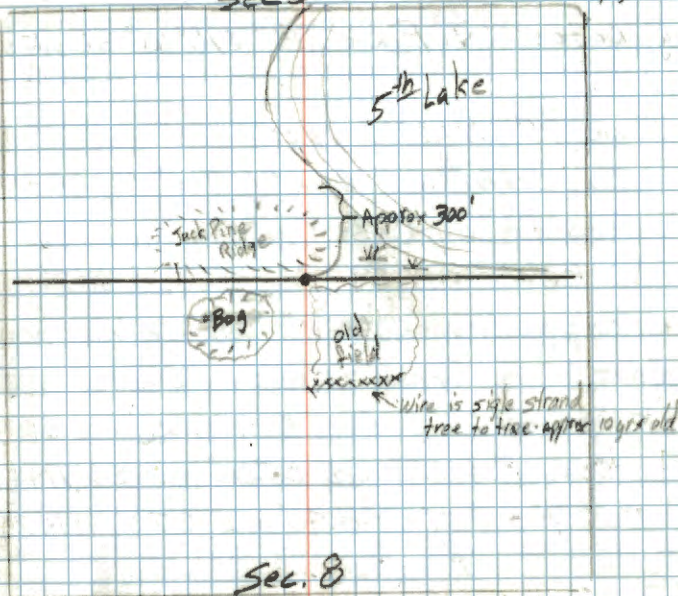
At the single proportionate position between the recovered  
MC #31 on East Shore of 5th Lake and the recovered section

R-9-5680-11

RHM

sec 5

page 32

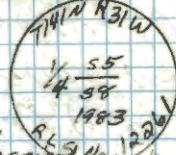


(Cont.)

corner to sections 5-6-7-8. Documented with a 2 1/2" x 3 1/2" galv. concrete filled iron pipe w/ brass tablet marked:

from which bears:

W. Oak 6" S88°W 18.59' *center* 1/4 58 BT  
 W. Pine 10" N85°E 21.50' scribbled 1/4 55 BT  
 W. Oak 10" N61°W 21.90' scribbled 1/4 55 BT  
 8" steel sign post South end w/ sign 54-9



Note: The single proportionate position was determined by taking a mean of a proportion between the orig. and our distance and the RR plat distance and our distance. Because of the discrepancies found in the original and railroad distances, it was felt that the most equitable way to properly reestablish this position is to take a mean between the two possible proportionate positions (the difference between the two positions was 9.0').  
 Approved by Milo Stoen 11/15/84

11-30-84 It was discovered that this corner was in the wrong position by about 1'. It was moved this date and the following ties recorded:

W. Oak 6" S85°W 19.22' scribbled 1/4 58 BT  
 W. Pine 10" N85°E 21.50' scribbled 1/4 55 BT  
 W. Oak 10" N61°W 21.90' scribbled 1/4 55 BT  
 8" steel sign post 812°W 2.45' w/ sign 54-9

M. Hayes  
 S. Krause  
 J. Allison

E-3

33 1/4 Corner Sec's 6-7

Orig. notes: - T. Pine 8" S16°W 22 Lks.

W. Pine 18" N32°W 19 Lks

FROM CON. CERTIFICATE BOOK #1, Doc #13, 141-31.

✓ Perpetuated by Cass County Surveyor Harold Curo in 1959. He found a 2 1/2" x 48" iron capped monument which he marked 1/4 S6-57 - from which bears:

Jack pine 20" N5°19'E 44.65' MKD S6 T141R31

White oak 6" N68°56'E 65.60' MKD S6 T141R31

Red oak 7" S4°51'W 48.40' MKD S7 T141R31

MAY 16, 1978

STEFAN & KRAUSE

WE MUST DISPUTE THE PIPE FOUND BY HAROLD CURO AS THIS 1/4 CORNER. BASED ON THE FOLLOWING FACTS:

- 1) PROPORTIONED POSITION ESTABLISHED BY OUR SURVEY PLACES THIS 1/4 CORNER N41°36'50"W, 269.06' OF CURO'S 1959 FOUND PIPE
- 2) AT OUR SURVEYED POSITION WE FOUND VERY OLD OAK FENCE POSTS & STONE RIDGE UNDER FENCE S74°W & N3°W

TO PERPETUATE THIS CORNER I SET 2" DIA. X 5' LONG GALVANIZED STEEL PIPE, WITH CONCRETE INSIDE AND CAPPED WITH 3" DIA. BRASS TABLET MARKED

PILED LARGE AND SMALL ROCKS AROUND PIPE

T141N R31W

1/4 S6

1/4 S7

1978

RLS NO 12261

WITNESSED BY

R.OAK 10 S50E 79.77' MKD 1/4 S7 BT

ASPEN 6 S1E 19.85' MKD 1/4 S7 BT

W.OAK 3 N11E 12.20' NOT MARKED

SET B'S STEEL POST DUE NORTH 3.9' WITH FS SIGNS 54-2 - 54-4

LARGE ROCK AT NW SIDE OF IRON 30" LONG X 5' WIDE X APPROX. 30" THICK

5-31-78

Curtis R. Krause

2/14/94 R. MAEN

FD MONUMENT AND BTS IN GOOD CONDITION. ASPEN BT NOW 7" SCRIBE OVERTGROWN. W OAK NOW 4". R OAK IS AT WIN STILL 10" UNSCRIBED OAK NOW DEAD. PLACED SPEKES AT 1978 DISTANCES.

34 1/4 Corner Sec's 5-6

Orig. Notes: - Y. Pine 18" N17W 13 MKs

Y. Pine 10" N71E 13 MKs

Searched 4 man hours along a steep T. Pine ridge on type line of Aspen & T. Pine approx. 2000' South of Sec. Cor. 5-6-31-32 Numerous pine stumps in area but none checked out. 7-25-62 RHM D. D. D.

2/14/94 R MAIN

Fd monument in good condition. New light duty sign post 3085ft west measurement is to nearest edge of sign post.

R9-5680-11 2ITE

TO PERPETUATE THIS CORNER I SET 2" DIA. X 5' LONG GALVANIZED STEEL PIPE, WITH CONCRETE INSIDE AND 3" DIA. BRASS TABLET MARKED

T1A1N R31W

1/4

S6 | S5

1978

RLS NO 12261

WITNESSED BY

W. OAK 4 S31W - 47.65' MKD 1/4 S6 BT

NOW 5" SCRIBE OVERGROWN

J. PINE 10 S76W - 43.05' MKD 1/4 S6 BT

NOW 11" SCRIBE VISIBLE, NAE 16 FT ABOVE GROUND

W. OAK 6 N65W - 20.53' MKD 1/4 S6 BT

NOW 7" SCRIBE OVERGROWN, NAE 15 FT ABOVE GROUND

W. OAK 3 N43E - 27.98' MKD X BT

NOW 5" SCRIBE OVERGROWN

SET 8' STEEL POST ONE SOUTH 42' FS. SIGNS

54-2 & 54-4 MEASURED TO NEAREST EDGE OF POST.  
6-5-78

Curtis R. Kramer

35

South bank Ten mile Lake M.C. #2

M.C. Fractional Sec. 36-31 T19N R30-31

Orig. Govt. Survey notes

Aspen 6" S20°W 17 LKs

Birch 8" S17°W 32 LKs

CERTIFICATE FILED

North bank Ten mile Lake M.C. # 3

36 Fractional Sects 36-31 T191N R30-31W

Orig. Govt Survey notes

White oak 4" N57 $\frac{1}{2}$ °E 3 Lks

White oak 4" West 3 $\frac{1}{2}$  Lks

CERTIFICATE FILED

37

M.C. ON Point of Ten Mile Lake

Fractional Sec's 31-36. M.C. # 4

Orig. Gov't Survey Notes

Tamarack 5" S10°W 6 LKS

Aspen 4" S19°E 4 LKS

38 M.C. Fractional Sections 31-36 on  
North bank ten mile Lake (M.C. No. 5432)

Orig. Govt. Survey notes:-

White Pine 20° N 9½° W 120 LKs

Aspen 14° N 2½° E 177 LKs

March 26, 1915 - County Book B, Survey No. 252 pg. 46,  
Frank A. Donner states finding evidence of both original  
BT's. Find stump of the N.E. BT and NW Pine  
dead & down but plainly marked. Mkd. New BT's:  
Poplar 8° N 22° E 85.30', Norway Pine 12° N 47° W 207.1'.  
Distant is from head of spike driven in flat spot at base of trees.  
Set 2" x 48" galv. iron pipe.  
This M.C. is 1452' south of Sec. Corner.



39 V-25

Cor. Sec's 25-36 & 30-31 T14NR30-31

Orig. Govt Survey notes

Yellow pine 10" N 7 $\frac{1}{2}$ ° E 198 LKS

Yellow pine 13" N 3 $\frac{1}{2}$ ° W 197 LKS

Aspen 3" S 16 $\frac{1}{2}$ ° W 39 LKS.

Aspen 3" S 19 $\frac{1}{2}$ ° E 35 LKS.

See Book #4 - T14N, R30W  
Page 39

## CERTIFICATE FILED

March 26, 1915 County Book B, Survey No. 252  
Frank A. Danner states finding stamp of NW BT  
and NE BT standing green and plainly marked. Also  
found galv. iron pipe set by John Curot

## CERTIFICATE FILED

40 Quarter Cor Sec. 25-30 T14N R30-31

Orig. Govt. Survey notes:

Aspen 6" S37°E 4 LKS

Sugar Maple 5" S30W 10 LKS

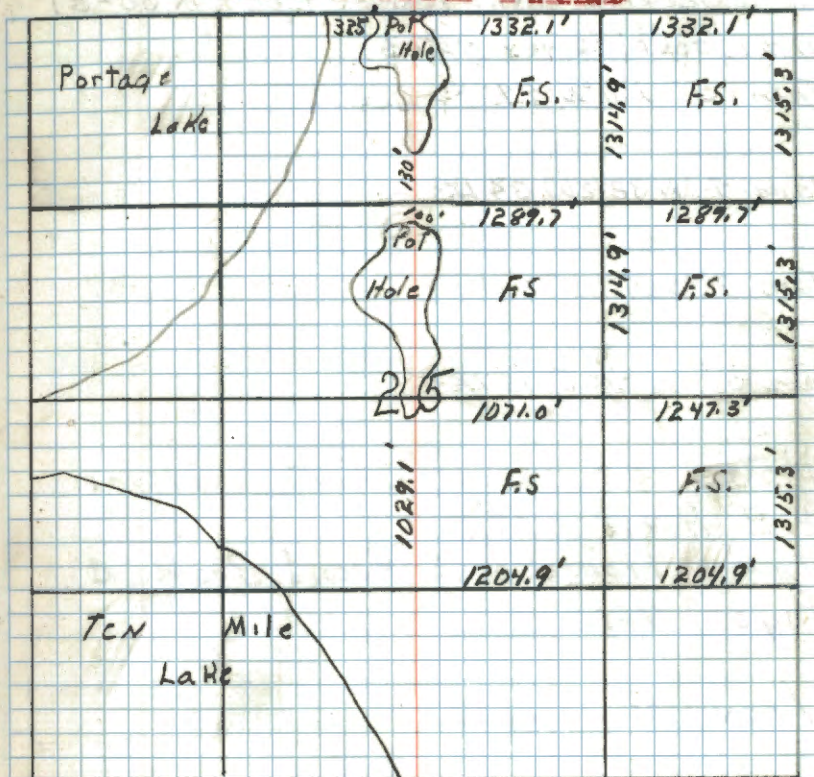
Notes of Cass County Surveyor

E.B. Horst 1920

taken from County Record Book C

Page 461

IRON MONUMENT



41 Section Cor. 19-30-29-25 R30-31  
Orig. Gov't survey notes  
Tam. 5" N11°E 54 LKS

Tam 4" N32½W 34 LKS

Tam 3" S64°W 10 LKS

Tam 3" S62½E 15 LKS

Notes of Cass County Surveyor  
E. B. Horst 1920  
Taken from County Record Book C  
Page 461

Iron Monument.

(see book #4, T141N R30W)

R9-5680-11 site

CERTIFICATE FILED

42 Witness for Quarter Cor. Sec's  
19-24 T141N R30-31W 13.00 ch North of Cor.

Orig. Govt. Survey notes:-

Aspen 18" N2°E 36 LKs

White Pine 12" N36½W 44 LKs

N-25 Affidavit 8/17/78

43 Sec. Cor. 13, 18, 19, 24 R30-31W

Orig. Govt Survey Notes:  
Red Oak 8" N56°E 16 LKs

White Pine 4" N70½W 13 LKs

Jack Pine 6" S52½W 90 LKs

Aspen 6" S87½E 17 LKs

To perpetuate this corner I set a 2" dia. x 5' long galvanized steel pipe, with concrete inside and capped with 3" dia. brass tablet marked.

T14IN
R31W R30W
S13   S18
S24   S19
1977

Witnessed by			RLS NO 12261
N. Pine	22"	S67E 75.31	mkd. S19 BT
J. Pine	17"	N42E 62.55	mkd. S18 BT
R. Oak	13"	N34W 76.05	mkd. S13 BT

8" steel sign post set due south 2.2' 54-4 attached

OK 8/29/78  
MUS  
7-11-77 C. Krause

STEFAN  
KRAUSE  
OLESEN

JUNE 23-27, 1977

1) FOUND 2½" IRON PIPE WITH "AL" CAP STAMPED TO IDENTIFY CORNER - CAP IN POOR CONDITION & PLASTIC CENTER GONE WITH RLS #. AT ¼ CORNER TO SECTION 18 & 19, ½ MILE EAST FOUND SIMILAR MONUMENT WITH CAP & RLS # 3091 (DEAN ANDERSON, BRAINARD)

2) THE FOLLOWING REFERENCES BEAR:

J. PINE	W. BIRCH	R. PINE
16"	6"	24"
N42°E	N59°W	S65°E
62.28'	49.39'	74.85'

3) MEASURED DISTANCE EAST WITH EDM & THEODOLITE FROM ½ MILE EAST & 1 MILE WEST.

	ORIG SURVEY	G10 1977	OUR MEASURE
EAST ½ M.	2699.4'	? 2698.74'	2697.98'
WEST 1 M.	5280'	5257.56'	<del>5284.56'</del> 5257.4' mkt

POSITION IS ACCEPTED AS SATISFACTORY AND IS THEREFORE USED AS THE POSITION FOR THE SECTION CORNER. IT WILL BE BROUGHT UP TO CURRENT F. S. STANDARDS.

MMS

Note: Evidence Pl. by Dean Anderson in Aug. 1970 was, two wood posts (0.3' apart) a distance of 28.4' north of fence cor. He accepted the location of these posts as corner position. (This received 6/3/73 by deed from Wisseth, Smith, Abelling & Assoc. who had purchased Dean Anderson business.)

44 Quarter Cor. Sec's 13-18 R30-31W

Orig. govt. survey notes:

Aspen 19" S 72° E 11 Lks

Birch B' NB 5 1/2 W 5 Lks

CERTIFICATE FILED

J-25

45 Sect. Cor 7-12-13-18

Orig. Gov't Survey Notes

White pine 24" N30°30'E 9 LKs

Aspen 8" N23°W 35 LKs

Aspen 10" S12°W 135 LKs

White Pine 9" S1°W 235 LKs

R.L.M. dependent resurvey notes of 1917

Found 2" dia. gas pipe 2' above ground. along side of gas pipe set a 36"x2" iron post w/ a brass cap mkd

T141N  
R31W S12 | 57 R30W  
S13 | S18  
1917

From which bears:

Orig. pine stp 28" N30½E 9 LKs MKD BT

Orig. pine stp 20" S1°W 235 LKs

New Bts Oak 5" N39°E 265 LKs (174.9')

Oak 12" S54°E 15 LKs (9.9')

Pine 4" S20½W 133 LKs (82.78')

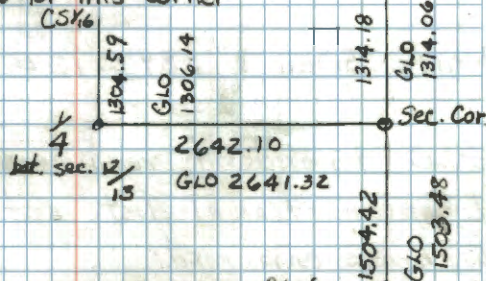
Pine 5" N29°W 116 LKs (76.56')

Searched 2 man hours but above evidence has been obliterated by roads etc. *PAW*

4/25/85 CK, GB, JA

Found 1" iron pipe in the center of a east-west township road 6" below. (Walt Curro set this iron by survey a few years ago.)

See below our traverse for this corner



5/2/85 - Curt Krause, Terry Freeman

Set a 4"x20" cast iron monument 6" below road surface in place of iron pipe. Reset iron pipe on west side of cast iron. Corner is in E of E-W road and E of old state hwy. 19 N-S.

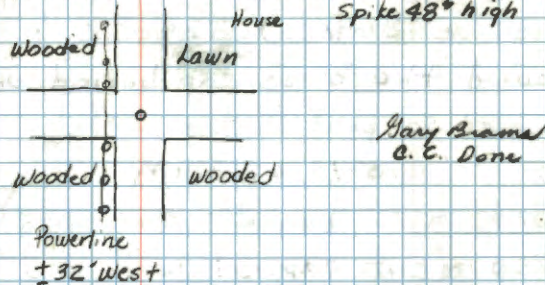
Found remains of 1 GLO BT.

W. Oak 18" N41°E at 172.85' Place spike 30' high, NW's of Mkd. New BT's.

W. Oak 10" S48°E 49.85' T141N R30W S18 BT

W. Oak 11" S11°W 69.25' T141N R30W S13 BT

N. Pine 17" N31°W 82.90' T141N R30W S12 BT



G-25

46 Quarter Cor. Sec's 7-12

Orig. Govt Survey Notes

Yellow Pine 30" N87 $\frac{1}{2}$ E 7 LKsWhite Birch 3" S89 $\frac{1}{2}$ W 12 LKs

G.L.O. dependent resurvey notes 1917

by proportional dist. set iron post 3'x1"  
w/ brass cap mkd:
$$\frac{1}{4}$$

$$512 | 57$$

$$1917$$

From which bears

White Pine 8" N73 $\frac{1}{4}$ E 257 LKs (169.62')(Now a 14" white pine N13 $\frac{1}{4}$ E 169.62 scribe overgrown)Yellow Pine 10" S69 $\frac{1}{2}$ W 567 LKs (374.22')(Now a 24" stump and log section with scribe  
visible S69 $\frac{1}{2}$ W 374.22')Found the brass cap buried under road and  
tipped so post is horizontal.

5-14-62 RHM

Set a 6" dia. 24" long cylindrical concrete  
monument capped with a 3" dia. bronze  
tablet stamped
$$T141N$$

$$R31W, R30W$$

$$\frac{1}{4}$$

$$512 | 57$$

$$1962$$

RLS NO 3628

Affidavit RHM

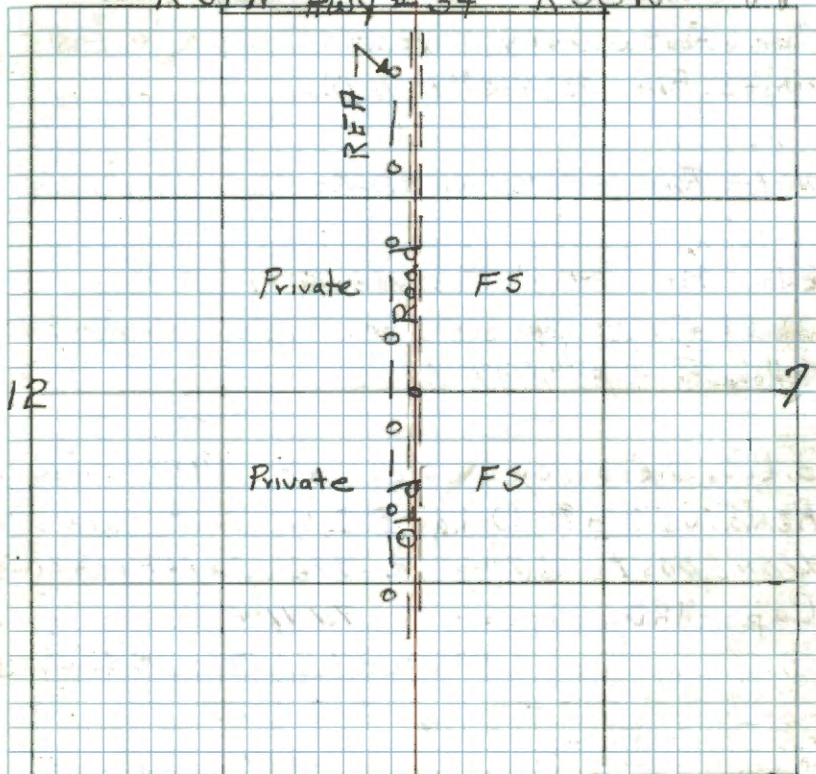
R9-5680-11 JHE

T141N

R31W

#111 #34

R30W



MKD New BTs

Oak 9" S57 $\frac{1}{2}$ E 30.5' MKD 1/4 S7 BTOak 5" S57 $\frac{1}{2}$ W 16.8' MKD 1/4 S12 BT

Set steel sign post 72" long with sign

54-4 attached N81 $\frac{1}{2}$ E 21.1'

5-22-62 J.A. McDonald



E-25

47 Cox. Seats 1-6-7-12 R30-31W

Orig. Govt Survey Notes:-

White Pine 30" N12½E 71 LKs

White Pine 30" N1°W 32 LKs

Yellow Pine 24" S29½W 166 LKs

Yellow Pine 20" S19°E 82 LKs

G.L.O. Resurvey notes of 1917. From  
Remains of Orig B.T.s set on  
Iron post 3' long 2" dia w/brass  
Cap MKD.

	7141N		
R31W	51	56	R30W
	512	57	
	1917		

Orig B.T.s

y. Pine stump 30" N12½E 71 LKs-

y. Pine stump 36" N1°W 32 LKs-

New B.T.s "1917"

N. Pine 5" N60°E 74 LKs - 48.84'

W. Oak 6" S23½°E 78 LKs - 51.48'

R. Oak 6" S19½°W 153 LKs - 100.98'

W. Oak 4" N59°W 51 LKs - 33.66'

NEW BT'S 4-21-83 CR-GB

W. OAK 6" N62E-114.70'	MKD. BT	SPIKE ON NW SIDE
W. OAK 78" S61E-112.32'	BT	" " SW
N. PINE 7" S42W <del>95.77</del> 84.38'	BT	" " NW
N. PINE 6" S77W 188.95'	BT	" " NW
N. PINE 5" N64W 140.30'	BT	" " NE
N. PINE 6" N35W 80.10'	BT	" " SW

STATE HWY DEPT W. PINE 10" S58E 93.77'

NAIL &amp; DISC

48 Quarter Cor. Sec. 1-6 R30-31W  
Orig. Govt Survey notes  
Aspen 10" N75°E 91 LKs

Red Oak 8" S2½W 296 LKs

G.L.O Resurvey of 1917. From  
Remains of Orig B.T.s. and  
a 2" x 16" gas pipe from a  
previous survey. Set a  
3' long 1" diam iron post w/brass  
cap MKD.

1/4  
S1 | S6  
1917

Orig B.T.s  
Aspen stump (decayed) N75°E 41 LKs - 27.06'  
Red Oak stump " S2½W 296 LKs - 195.36'

"New B.T.s"  
W. Oak 5" N14°E 167 LKs - 110.22'  
W. Oak 4" N87½W 197 LKs - 130.02'

49 TOWN CORNER T191-142N R30-31W

Orig: Gov't Survey notes

Aspen 19" N33E 36 LKS

White Pine 8" N15°W 43 LKS (28.38')

White Pine 10" S48½W 87 LKS (57.42')

White Pine 7" S80E 37 LKS (24.42')

A-3

50 Quarter Corner Sections 6-31

T141-142 R 31W - Notes of orig. Gov't Survey  
Poplar 4" N 13°W 13 Lks (8.58')

Birch 3" S 27°E 7 Lks (4.62')

Notes of Cass County Surveyor John Curo  
in 1916. Taken from Cass Co. Record Book  
"C" page 113Iron monument 2" x 48" (Found 2" x 48" iron  
pipe marking corner)Set a 2" inside diameter 5 foot long  
galvanized wrought iron pipe filled with  
concrete and capped with a 3" dia.  
bronze tablet stamped: - T142N R31WNote  
Pipe projects 34" above  
ground - is on a large rock

1/4	S	31
4	S	6
T	1962	
T	141 N	
RLS	NO 3628	

Oak 6" S 21°E 12.5' MKD 1/4 S 6 BT.

Oak 7" N 48°E 13.9' MKD 1/4 S 31 BT

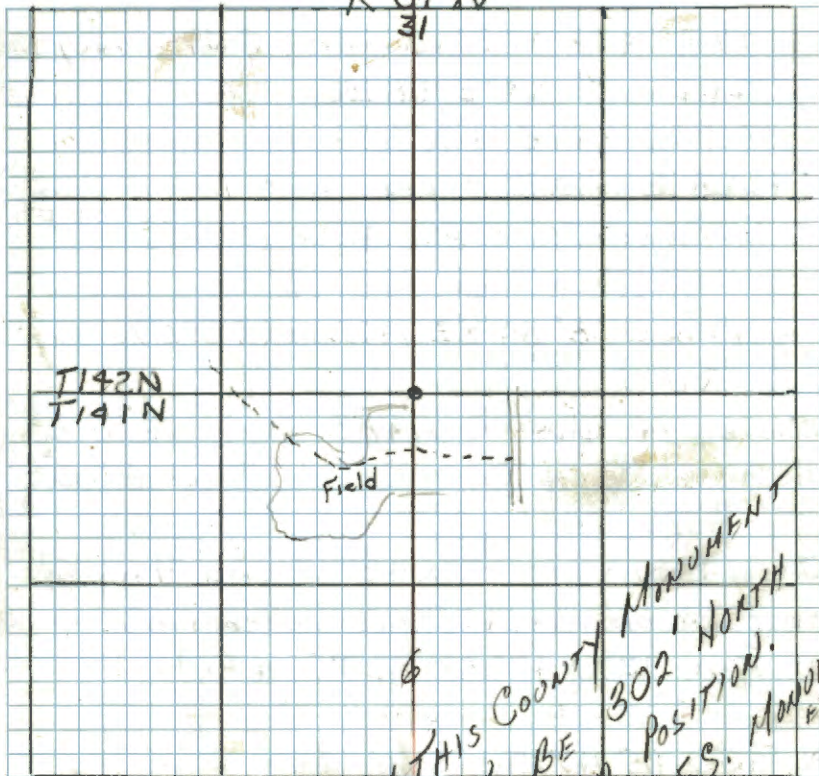
Granite Rock 5.0' long 2.0' wide 1.0' high

S 1°W 39.65' to "X" on top center.

Steel sign post 72" long set 24" in ground  
East 3.0' 7/9/62 *At. M. D.*

Affidavit PHM

R9-5680-11. JHE

R 31W  
31

BY SURVEY THIS COUNTY MONUMENT  
WAS FOUND TO BE 302' NORTH  
OF PROPORTIONED POSITION.  
OF WE SET IN 1962!  
MMS

NOTE: SEE BOOK #4 PAGE 66  
FOR NEW MONUMENTATION 1978

CRK

A-5

51 Section corner 5-6-31-32

T191-142N R31W - orig. Gov't survey note

Poplar 4" N4°E 68 LKs

Yellow pine 14" N30°W 100 LKs (66.0')

(Found 2 pieces of pine root in ground at <sup>This pt.</sup>)

Tamarack 6" S28°W 42 LKs (27.72')

covered by a large rock pile

W. Pine 18' S41½°E 142 LKs (93.72')

IN Field

Notes of Cass County Surveyor John Curo  
in 1916 from Cass County Record book  
"C" page 113

Iron Monument 2" x 48" (Found tipped  
over in old trail alongside corner.)

W. Pine 12" N47°15'E 69.7' (IN Field)

N. Pine 12" N79°W 34.6' (not found)

N. Pine 12" S87°E 40.4' (IN Field)

Found a F.S. metal location poster on a 10"  
oak put up in 1937 saying cor. is approx.  
20 LKs east. this is alongside a fence corner  
on west edge of a field. 6-8-62 RHM

Affidavit

R9-5680-11 HE

Set a 2" inside diameter 5' Long galvanized  
wrought iron pipe Filled with concrete  
and capped with a 3" dia. bronze tablet  
Stamped:

T142N R31W

S31 | S32

S 6 | S 5

T141N

From which bears:

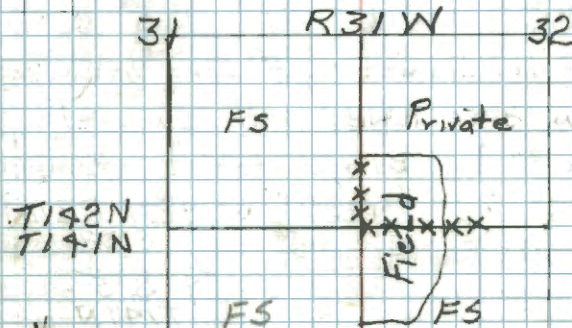
RLS 1962 NO 3628

Oak 8" N49°W 24.9' MKD S 31 BT  
<sup>now</sup> 9" at W 49°W 24.9' <sup>at</sup> <sup>at</sup> MKD S 31 BT

Oak 11" S78°W 13.9' MKD S 6 BT  
<sup>Taken by road.</sup>

Steel <sup>in</sup> <sup>sign</sup> post 72" Long set 24" IN ground  
w/ signs 54-2 & 54-4 N84°E 3.05'

Fence runs North &amp; East from corner



OK  
7-25-62  
RHM

7-25-62

RHM Donald

8" steel sign post	West	3.7	
8" steel sign post	East	3.2	54-9
8" " " "	South	3.5	54-9
8" " " "	North	3.7	54-9

A-7

52 Quarter Cor. Sects 5-32 T191-192N  
 R31W - notes of orig. Govt. survey  
 Poplar 3° N 53° E 11 LKS (7.26')  
 Poplar 3° S 9° W 6 LKS (3.96')

Notes of Cass County Surveyor John  
 Curo in 1916 from Cass Co. record book  
 "C" page 113

Iron monument 2" x 48" (found marking  
 corner - approx 6' East of a fence line)  
 Adjacent land owner Phil Jewell says this  
 is the corner put in by Greene\*. I chained  
 west & found that dist. to W 1/4 checks w/  
 County plat.

Set a 2" inside diameter, 5' long galvanized  
 wrought iron pipe filled with concrete &  
 capped w/ a 3" dia. bronze tablet stamped:-

6/28/62 R.H. McDonald

T192N R31W

S 32

1/4 S 5  
T191N.RLS 1962  
NO 3628

Oak 6" N 10° W 22.35' MKD 1/4 S 32 BT

Oak 5" S 38° E 22.2' MKD 1/4 S 5 BT

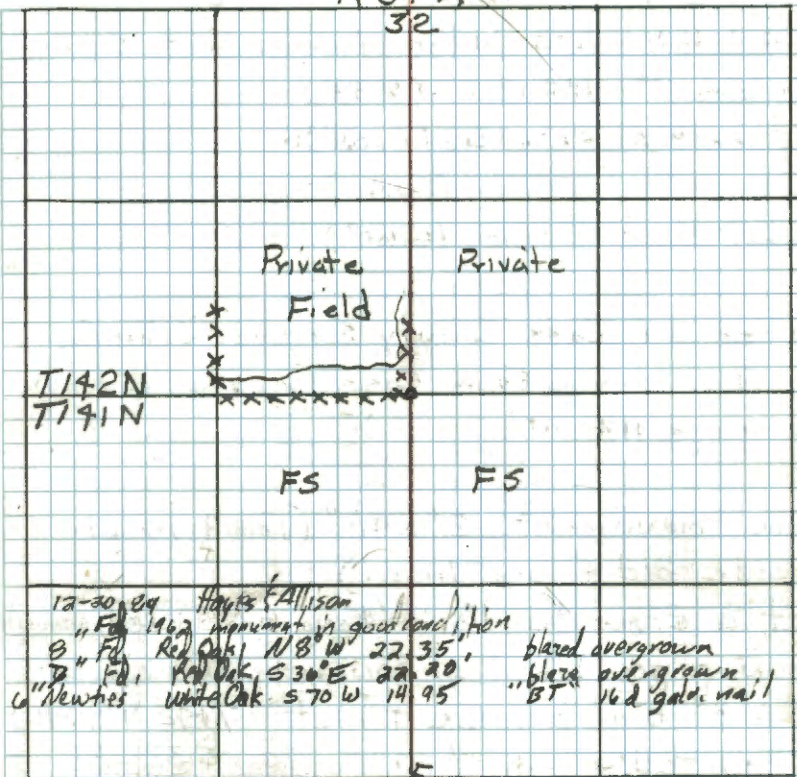
72" Steel sign post set 24" in ground  
 S 76° W 2.3' w/ signs 54-2 & 54-4 attached.

Affidavit RHM

R9-5680-11 JAC

R 31 W

32



12-30-04 Hayes & Allison  
 8" Fe monument in good condition  
 8" Fe Red Oak N 8° W 22.35' blazed overgrown  
 8" Fe Red Oak S 38° E 22.20' "blaze overgrown  
 6" Newties White Oak S 76° W 2.3' BT 16 d galv. nail

\* Greene resurveyed this section in  
 1924 as Cass Co. Surveyor plat on  
 file in Cass Co. Courthouse

*[Signature]*  
 8/21/62  
 12-20-78 Stefan Hayes  
 Traversed to this position. Monument & B.T.s OK.

A-9

53

Section Corner 4-5-32-33

T141-142N R31W - Notes of Orig. Govt. Survey

Poplar 3° N61° E 13 LKs (8.58')

Poplar 3° N25° W 13 LKs (8.58')

Poplar 4° S27° W 31 LKs (20.46')

Poplar 3° S47° E 10 LKs (6.60')

Notes of Cass County Surveyor John Curo  
in 1916 taken from Cass Co. record book  
"C" page 113

Iron monument 2" x 48" (found in place  
beside old fence line.)

Set a 2" inside dia. 5' long galvanized wrought  
iron pipe filled w/ concrete and capped  
w/ a 3" dia. bronze tablet T142NR31W  
Stamped:-

S 32 | S 33

S 5 | S 4

1962

T141N

PLS No 3628

Elm 6" N50° W 25.8' MKD S32BT

Oak 7" N24° E 56.3' MKD S33BT

Rock 3.0 x 2.5 x 1.0 S62½° E to top center 6.0'

72" steel sign post set 24" in ground

West 1.8'

6/27/62 *W. M. Donald*

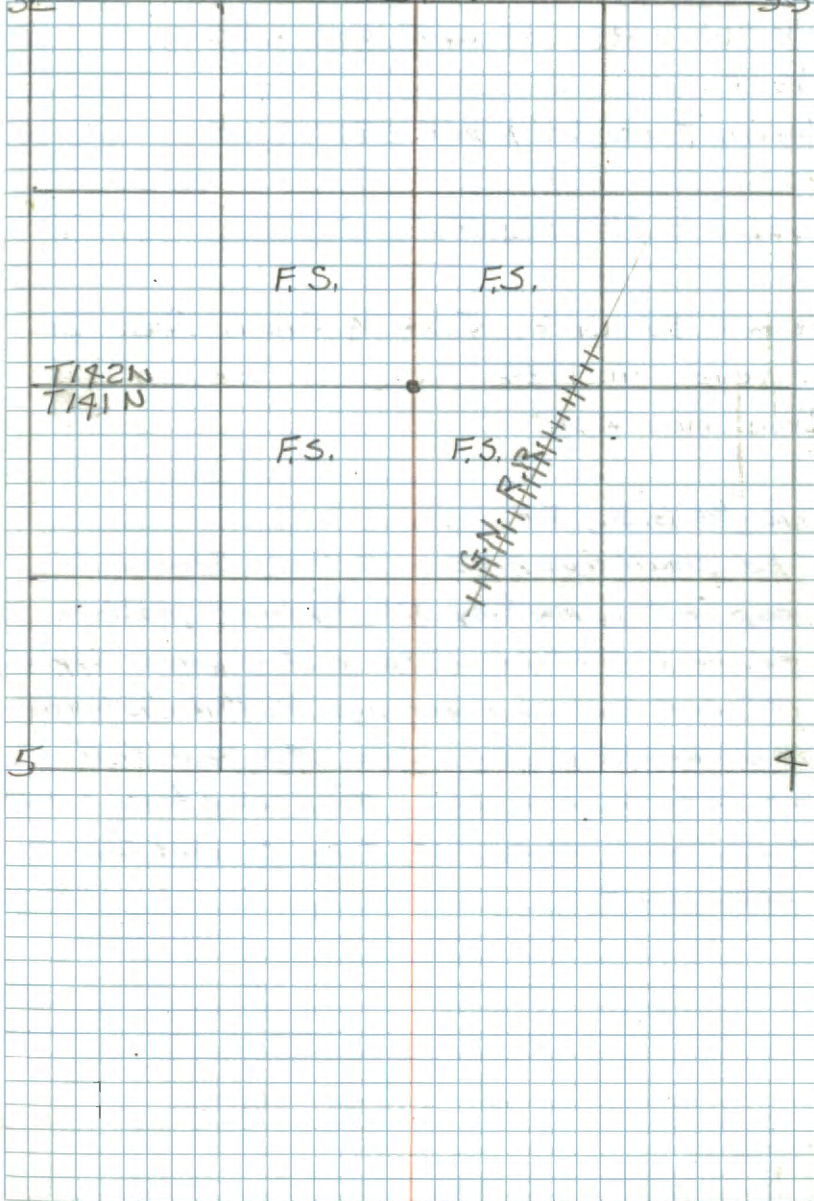
Affidavit RHM

R9-5680-11 JMB

32

R31W

33



54

Quarter Corner Sects 4-33 T141-142N

R31W notes of orig. govt. survey

Post

White Pine  $29^{\circ} N 76^{\circ} E$  25 LKS (16.50')

Poplar  $3^{\circ} S 21^{\circ} W$  21 LKS (13.86')

From a Survey by John M. Green, Cass Co.

Surveyor in 1924

Iron monument -

7/26/85 G.B., R.F

Fd. small iron pipe with GARY Stevenson's  
cap on top marking the  $\frac{1}{4}$  corner position.

Fd. a burned pine stp. east of corner approx.  
18' but had no markings. Pulled distance

and bearing from pine stp. and fell  
at intersection of a four way fence corner.

Found no evidence of John Greens iron  
monument.

CERTIFICATE FILED



55 M.C. West Bank Long Lake sec. 4-33

Notes of orig. Govt. survey

Birch 3" N39°W 29.46s (19.14')

Birch 3" S70°W 25.46s (16.50')

From a survey by John M. Greene, Cass  
County Surveyor in 1924

Iron monument

7/26/85 G.B., R.F.

Chained from right of way iron pipe set  
by Gary Stevenson east 280.85'. Found  
1 $\frac{3}{4}$ " galv. pipe set 16" above ground at  
distance. Found a 2" x 4" iron pipe  
laying on the ground along side.

CERTIFICATE FILED

56

M.C. East bank Long Lake Sec.

4-33 T191-142N R31W. Orig. notes

Birch 4" N13°E 28 LKs (18.48')

Birch 4" S88°E 26 LKs (17.16')

□

57 Section Corner 3-4-33-34  
T141-142N R31W. Notes of Orig. Govt. Survey  
Birch 3" N38°E 7 LKs  
Y. Pine 6" N89½°W 29 LKs (19.14')

Poplar 8" S16°W 45 LKs  
Y. Pine 14" S40°E 71 LKs (46.86')

58 Quarter Corner sections 3-34

T191-192N R31W. Notes of orig. Gov't. survey

Yellow pine  $30^{\circ}$  N  $65^{\circ}$  W 25 lks (16.50')

Yellow pine  $30^{\circ}$  S  $23^{\circ}$  E 73 lks (48.18')

59 Section Corner 2-3-34-35

Notes of orig. Govt Survey

Poplar 3' N61°E 15 LKs

Poplar 3' N35°W 19 LKs

Poplar 3' S13°W 15 LKs

Poplar 3' S21°E 16 LKs

60 Quarter Cor. Sects 2-35

Notes of orig. Govt. survey

Y. pine 7" S73°E 70 LKS (46.20')

Y. pine 10" N15°E 82 LKS (54.12')

61 M.C. West bank Leach Lake Far  
Fract. sections 2-35 T141-142N R31W  
Notes of orig. Govt. Survey  
BLK. Ash 8" N 62½° W 81 Lks (53.46')

BLK. Ash 8" S 74° W 80 Lks. (52.80')

||||

62 M.C. Fractional sects. 1-36 T141-142N

R31W. Notes of orig. Gov't. survey

Spruce 5" N30½°E 9 Lks (5.94')

Birch 5" S5½°E 4 Lks (2.64')



Z-3

63 Quarter Cor. Sec 31 on 10th std  
parallel. Notes of orig. Govt survey 1869  
T. Pine 11" N37°W 19 LKS (12.54') (Now a  
stump hole N37°W 12.54')  
W. Birch 7" N48°E 12 LKS (7.92')

Notes & Plat of Co. Surveyor E.B. Horst  
in 1921

Iron monument (Found a 1 3/4" dia. iron  
pipe marking corner. - Found by  
chaining N88°E 131.3' from W 1/16 Sec 31  
as per county plat.)

Set a 2" inside diameter 5' Long galvanized  
wrought iron pipe filled with concrete  
and capped with a 3" dia. bronze tablet  
stamped: -

T14 IN RB1W  
S.C.

1/4 S 31

off m 3/21/63

1962

RLS NO. 362B

Jack pine 14" N65°E 86.3' MKD 1/4 S 31 BT

Red pine 10" N17°E 120.7' MKD 1/4 S 31 BT

Steel sign post 72" Long set 24" in ground  
with signs 54-2 & 54-4 N80°E 4.15'

7/27/62 *[Signature]*

Affidavit RHM

R9-5680-11 JHE

Z-5

64 std. Cor. Sections 31-32 10<sup>th</sup> Par.  
Notes of orig. Gov't. survey 1869  
Y. Pine 7" N63°W 35 Lks. (23.10')

Aspen 10" N35°E 113 Lks

Notes of Plat of Co. Surveyor E.B. Horst in  
1921 - Corner reestablished from orig. BTs &  
Iron monument (Found a 1 3/4" dia. iron  
pipe marking corner - Found by chaining  
N88°E 1311.3' from E 1/16 Sec. 31 as per  
call of Co. plat.) (Found F.S. location poster  
on a 11" J. Pine from which cor bears S38°E 52 Lks.)  
Set a 2" inside dia. 5' long galvanized  
wrought iron pipe filled with concrete  
and capped with a 3" dia. bronze tablet  
stamped.

T141NR31W

S.C.

S31 | S32

1962

RLS NO 3628

OK Pjm

3/27/63

Jack pine 10" N4°W 113.5' MKD S31 BT

Jack pine 14" N59°E 85.1' MKD S32 BT

Steel sign post 72" long set 24" in ground  
with signs 54-2 & 54-4 S83°W 3.2'

7/30/62 *Ed. McDonald*

Affidavit RHM

R9-5680-11 & NE

65 W.P. on West side Little bass LK  
on 10<sup>th</sup> std par. Sec. 32. Notes of orig.  
govt. survey

W. Pine 10° N 30 W 103 LKs (67.98')

Aspen 6° N 9° W 105 LKs (69.30')

CERTIFICATE FILED

66 W.P. on East bank Little bass LK  
Notes of Orig. Govt survey. 10<sup>th</sup> std par.  
South side sec. 32  
Aspen 10" N35°E 5.79 ch.

CERTIFICATE FILED

Z-7  
67 Quarter Corner Sec 32 10<sup>th</sup> std. Par.

Notes of orig. govt survey of 1864

W. Birch 6" N31W 9 Lks 5.94'

W. Birch 6" N42E 10 Lks 6.60'

Found a 2" inside dia. iron pipe marking  
corner.

F.S. Post on a 12" Aspen from which cor  
bears S32°E 23 Lks

F.S. Post on a 12" Aspen <sup>JEM-1949</sup> on West edge of  
fireway from which corner bears S90°W 50'  
an old fence line passed over corner.  
unable to find record in Co. Courthouse.

search time 1 hour. ~~RAM~~

R-9-5680-11  
RAM

CERTIFICATE FILED

68 W. P. on West bank of Ten mile Lake  
south side of Sec 32. Notes of orig. gov't  
survey of 1864

Aspen 8" N60°W 17 LKS

Willow 6" S50°W 25 LKS

69 M.P. on East bank Ten mile Lake  
South side sec. 33 on 10<sup>th</sup> std. par.  
W. Pine 10" N70°E 119 LKS

Aspen 13" SB1E 115 LKS

CERTIFICATE FILED

70

Quarter Corner sec. 33 on 10<sup>th</sup> std. Far.  
Notes of orig. gov't. survey 1864  
W. Pine 6" N 69° W 13 Lks (8.58')

W. Pine 4" N 8° E 23 Lks (15.18')

CERTIFICATE FILED



Z-13

71 Sec. Cor. 33-39 on 10<sup>th</sup> std. Parallel  
Notes of orig. gov't survey of 1864  
W. Pine 8" N 11° W 59 Lks (38.95')

J. Pine 12" N 42° E 18 Lks (11.88')

Re-monumented by Cass County surveyor  
Harold Curo in 1958  
set a 2 $\frac{3}{4}$ " x 60" capped monument filled  
with concrete.

Ash 8" N 4° 30' W 24.90' MKD S 33 T141 R31

Red Oak 10" N 12° 06' E 43.30' MKD S 34 T141 R31

Cedar Post 4" x 4" x 100" N 70° 40' E 21.59' MKD S 34 T141  
R31

10-28-98 RMAIN

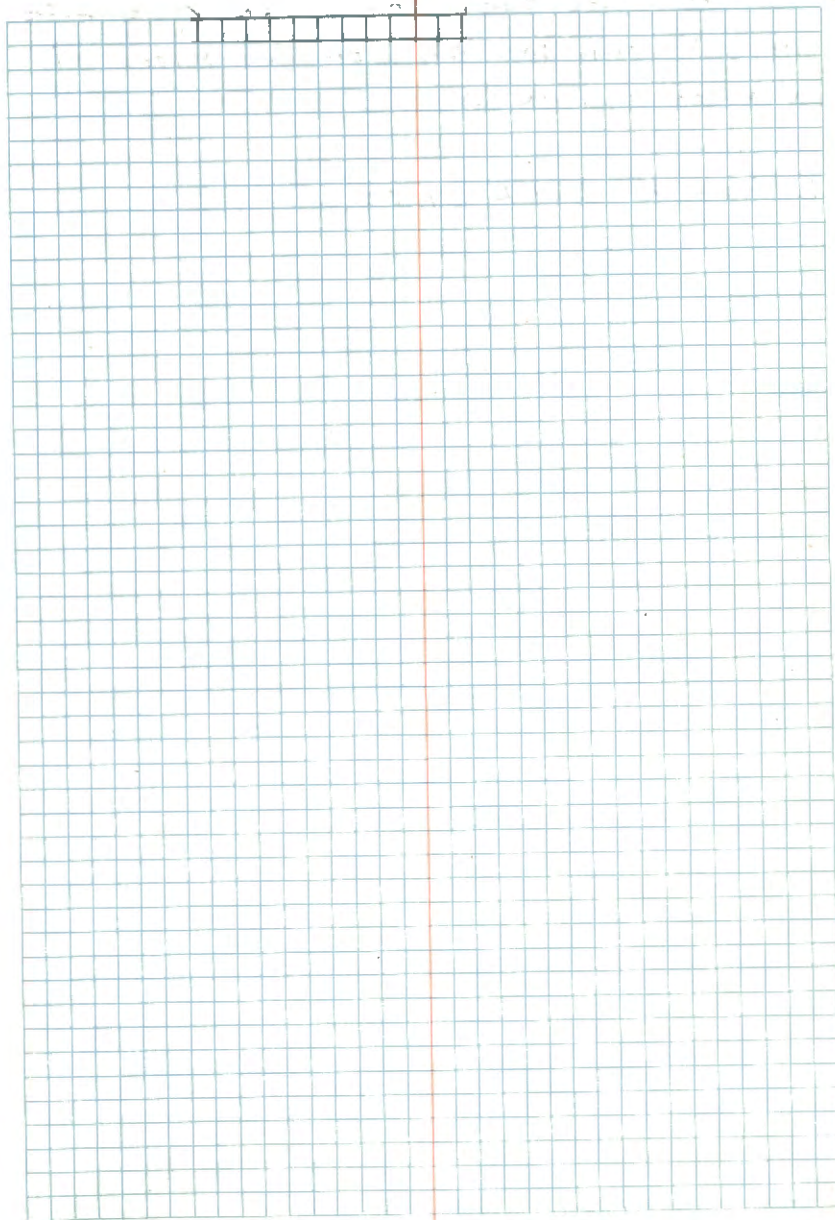
FD MONUMENT AND SIGNPOSTS IN GOOD CONDITIONS  
REFER TO SECTION SUBMISSION CONTRACT BY  
KERICK FOR NEW TIES. CURO BTS ARE BOTH STANDING  
DEAD. CORNER IS  $\pm$  150' SOUTH OF CO RD #71  
ON THE EAST SIDE OF A GRASS SLOUGH  $\pm$  2 ACRES

CERTIFICATE FILED

72 Quarter Corner Sec. 34 on 10<sup>th</sup>  
std. Par. Notes of orig. govt. survey  
Aspen 10" N60°W 38 Lks

Sugar 6" N52°E 14 Lks (9.24')

73 M.C. on West bank Ten mile Lake  
Sec. 34 on 10<sup>th</sup> std. parallel. Notes of  
orig. govt survey.  
W. Birch 10" North 25 Lks  
W. Birch 8" S40°W 36 Lks



74 M.P. on East bank Ten mile Lake  
on 10<sup>th</sup> std. parallel. Notes of orig. govt.  
survey. Y. Pine 16" N20°E 14 Lks (9.24')

Y. Pine 15" S21°E 39 Lks (25.74')

March 25, 1915 - County Book B, Survey No. 252, Frank  
A. Donner find remains of both original BT's! S.E. BT  
green and standing and NE tree as a stump. BT's  
plainly marked. Donner set a 80d spike at corner position.

75 Quarter corner Sect. 36 on 10<sup>th</sup>  
std. par. Notes of orig. Govt. survey  
of 1864.

Dry Pine 14" N49°W 125 Lks (82.50')

W. Birch 3" N 11<sup>1</sup>/<sub>2</sub> E 29 Lks (19.14')

CASS COUNTY - RECORD BOOK D Pg. 471

SEPT. 1965 ROBERT SCHNEIDER RLS 5740

SET CAPPED IRON PIPE

MKD NEW BT'S.

ELM 10 N41 E 34.17'

R. OAK 6 S27 E 25.85'

R. OAK 8 N73<sup>1</sup>/<sub>2</sub> W 26.7'

March 30, 1915 - County Survey Book B, Survey No 252,  
page 68, Frank Donner set a spike for the 1/4 corner  
proportionate position, MKd. BT's: Birch 6" N42°W 7.40'  
and Birch 4" N45°E 19.50'.

76 Town Cor. T141NR30-31W on 10th  
std. par. Notes of orig. govt. survey 1869  
Mkd. W. Birch 15" for corner  
Linn. 8" N30°W 23 Lks

Ironwood 5" N27°E 15 Lks

MONUMENTATION IN BOOK 4 OF T141NR30W  
PAGE 13

Y, Z-1

77 Witness corner Sec. 31-36 on 4th

Guide Mer. 2.50 ch. North of town Cor.

R31-32W T141N. Notes of orig. gov't survey

Aspen 7" N66°W 69 Lks.

Pine 7" N82°E 88 Lks

Remonumented by Cass County Surveyor  
Harold Curo in 1959 - this <sup>witness</sup> corner being  
250 feet north of the point for True corner.

set a 2 $\frac{3}{4}$ " x 6" capped monument filled  
with concrete - from which bears

Red Oak 5" N48°44'E 53.80' MKD S31 T141 R31

Cedar post 4" x 4" x 100" N21°41'E 29.90' MKD

Cedar post 4" x 4" x 100" N58°22'W 23.85' MKD





79. F-25

North  $\frac{1}{6}$  Con. Sec's 12-7  
Notes of G.L.O. Resurvey of 1917,  
by proportional dist. Set  
an iron post 3' long 1"  $\phi$   
w/brass cap MKD. (not found)

656.70' South to N  $\frac{1}{6}$   
Angle Point S12 S7  
1917

N. Pine 8" S10 $\frac{1}{2}$ °E 192 LKs - 126.72'  
Now 19" N Pine no scribe visible

W. Oak 3" S77 $\frac{1}{2}$ °W 75 LKs - 49.50'

see corner card by B. Olson 1980

# IMPROVED TABLES AND INFORMATION

## HORIZONTAL STADIA CORRECTIONS

2°-00' — 0.1	21°-00' — 12.8	33°-00' — 29.7
3°-00' — 0.3	21°-30' — 13.4	33°-15' — 30.1
4°-00' — 0.5	22°-00' — 14.0	33°-30' — 30.5
5°-00' — 0.8	22°-30' — 14.7	33°-45' — 30.9
6°-00' — 1.1	23°-00' — 15.3	34°-00' — 31.3
7°-00' — 1.5	23°-30' — 15.9	34°-15' — 31.7
8°-00' — 1.9	24°-00' — 16.5	34°-30' — 32.1
9°-00' — 2.5	24°-30' — 17.2	34°-45' — 32.5
10°-00' — 3.0	25°-00' — 17.9	35°-00' — 32.9
10°-30' — 3.3	25°-30' — 18.6	35°-15' — 33.3
11°-00' — 3.6	26°-00' — 19.2	35°-30' — 33.7
11°-30' — 4.0	26°-30' — 19.9	35°-45' — 34.1
12°-00' — 4.3	27°-00' — 20.6	36°-00' — 34.6
12°-30' — 4.7	27°-30' — 21.3	36°-15' — 35.0
13°-00' — 5.1	28°-00' — 22.0	36°-30' — 35.4
13°-30' — 5.5	28°-30' — 22.8	36°-45' — 35.8
14°-00' — 5.9	29°-00' — 23.5	37°-00' — 36.2
14°-30' — 6.3	29°-30' — 24.3	37°-15' — 36.6
15°-00' — 6.7	30°-00' — 25.0	37°-30' — 37.1
15°-30' — 7.2	30°-15' — 25.4	37°-45' — 37.5
16°-00' — 7.6	30°-30' — 25.8	38°-00' — 37.9
16°-30' — 8.1	30°-45' — 26.2	38°-15' — 38.3
17°-00' — 8.5	31°-00' — 26.5	38°-30' — 38.7
17°-30' — 9.0	31°-15' — 26.9	38°-45' — 39.1
18°-00' — 9.5	31°-30' — 27.3	39°-00' — 39.6
18°-30' — 10.1	31°-45' — 27.7	39°-15' — 40.0
19°-00' — 10.6	32°-00' — 28.1	39°-30' — 40.5
19°-30' — 11.2	32°-15' — 28.5	
20°-00' — 11.7	32°-30' — 28.9	
20°-30' — 12.3	32°-45' — 29.3	

### Chains to Feet

1 .....	66
2 .....	132
3 .....	198
4 .....	264
5 .....	330
6 .....	396
7 .....	462
8 .....	528
9 .....	594
10 .....	660

### Feet to Chains

100 ....	1.515
200 ....	3.030
300 ....	4.545
400 ....	6.060
500 ....	7.575
600 ....	9.090
700 ....	10.606
800 ....	12.121
900 ....	13.636
1,000 ....	15.151