

T142N R31W CORNER RESTORATION

T142N R31W

CORNER RESTORATION

KR

FIELD BOOK

820012

BOOK 2

G-19

Center Quarter Sec. 11

G.I.O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap
marked

C 1/4 S11

1917

B. Oak 16" S89¹/₂°E 48 IKS - 31.68'

Aspen 6" N85°W 7 IKS - 4.62'

Poster on 8" ASPEN N72°W - 462 FT

5180-11 by Wittkeft - 2/1/67

G-18

G-18

Center West 1/16 Cor. Sec. 11

G. L. O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked

Found monument

W 1/16

as described

G ————— C

S11

1917

Oak 5" N16°E 19 1/2 - 12.54'

Now 9" at record by s' dist. - Cut scribe open ok.

Oak 3" N39 1/2°W 10 1/2 - 6.60'

New B.T.

Oak 7" N46°W 47.8 feet scribed CW 1/16 S11 BT

Oak 8" N8°W 70.3 feet scribed CW 1/16 S11 BT

Steel sign post due west with F.S. signs

54-2 & 54-4 attached

W. J. O'Herman
9/4/20

Affidavit

2/10/71

(138)

2

G-17, 18

B-17, 18

Special Meander Cor. Sec. 11 (E. shore of Keech L. bears S. 56° E

G.L.O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked

Found as described. SMC c | S 11 | c

S 11

1917

R. Oak 6" N10½°E 95 lks - 62.70'

Now a Oak stp. at brq. ½ dist. part of flat blaze still remains.

To perpetuate this corner I tied (3) three new bearing trees as follows.

6" Norway Pine N67°E 23.7 ft

15" White Pine N10°E 31.7 ft

18" White Pine S50°E 82.5 ft

11-16-70

Curtis R. Kramer

Aff. div. 1/10/71
+ N 21½° W

3

Angle Point 1 of Allotment 1591 and Angle Point
5 of Allotment 1588 Sec. 11

Co. L. O. Resurvey notes of 1917

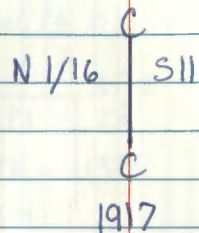
Iron post 3' long 1" diam. with brass cap marked

	S 11	AP 5
API		TR
TR		1588
1591		

Center North 1/16 Cor. Sec. 11

G.L.O. Resurvey notes of 1917

Iron post 3 long 1" diam. with brass cap marked



Aspen 6" S31°W 27 1/2 - 17.82'

Angle Point 1 of Allotment 1588 Sec. 11

G. I. O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked

S11
API
TR
1588

1917

F, G-18

Angle Point 4 of Allotment 1588 and Angle Point
2 of Allotment 1591 Sec. 11

G.L.O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked

AP 4

TR

S 11 1588

AP 2

TR 1591

1917

5690-11 by Touch - 4/17/68

9-21-99 R. MAINE

Fd IRON IN PLACE UP 8", 25 FT EAST-NORTHEAST
OF GRASSED IN LOGGING ROAD. Fd TWO

HEAVY SIGN POSTS NORTH AND EAST, BOTH BENT
WITH SIGNS TORN OFF BY POOR SALE ADMINISTRATION.

YOUNG ASPEN SOUTH & WEST

WITNESS WITH

W OAK 12" N64°E 4677 FT TO SPK MARK S 11 BT

W OAK 4" S40°E 11027 FT TO SPK BARK BLAZED W X
© BRENT HARGHT

North West 1/16 Sec. 11

G. L. O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap
marked

NW 1/16

S 11

1917

J. Pine 10" S72°30'E 61 1/2 - 40.26'
NOW A 3 FT HIGH STUMP/W/SCRIBE VISIBLE RM.POSTER ON 11" J.P. S74W - 10.56 FT.
NOW A WIND FALL RM.

5680-11 by Wittbrecht - 1/30/67

9-21-99 R. MAIN

Ed CORNER IN PLACE UP 8" ON WEST FACE
SLOPE IN MIXED HARDWOODS AND SCATTERED PINE.

ALSO FIND OLD TAG ON 9" PINE SNAG 19' FT

N 6° W

MKD NEW BT

R PINE 26" N82°W 25.76 TO SPK MKD S 11 BT

R PINE 11" S22°E 51.42 FT TO SPK MKD S 11 BT

8 FT HEAVY STEEL SIGN POST 5.25 FT SOUTH TO C of Post

Angle Point 3 of Allotment 1217 Sec. 2

G.L.O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap marked

AP3

TR

1217

1918

B-20

North East 1/16 Cor. Sec. 2

G. L. O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap
marked NE 1/16 S 2Ed monument in good condition 1918
as describedJ. Pine 5" S79 $\frac{1}{2}$ °W 41 IKS - 27.06'

Now J.P. 12" record brg. & dist scribe overgrown

J. Pine 4" N66°W 43 IKS - 28.38'

Now J.P. 9" record brg. & dist scribe overgrown

New B.T.s;

Rescribed both G.L.O. Bearing trees with
B.T. only

Red Pine 28" South 220 scribed NE 1/16 S 2 BT

Steel sign post due West 3.0 feet with F.S.

signs 54-2 & 54-4 attached

W.A. Okman
9/4/70

B-20

F.S. dau.
2/1/71
CAB

10

B-19

B-19

Special Meander Cor. Sec. 2 (E. Shore of Leech L. Sec. 2)

(N 21 1/2° E + S 54 1/2° W)

G.L.O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap marked

S M C S 2

Fid. monument in good N |——— N

condition as described S 2

1918

Poplar 8" N 69° 45' E 183 1KS - 120.78'

New poplar 19" at record brg & dist, scar facing corner but rotted

W. Oak 6" S 14° 15' E 40 1KS - 26.40'

New oak 10" at record brg & dist scribe overgrown

New B.T.'s:

Rescribed G.L.O. oak with B.T.

Elm 8" N 31° W scribed SMC S2 BT 11.7 feet

Oak 8" S 67° W 3.0 feet scribed SMC S2 BT

Steel sign post due east 3.8 feet with

F.S. signs 54-2 & 54-4 attached

W.D. Osborn
9/5/70

AFF. dov. t

7/1/71

(P)

11

A, B-20

A, B-20

A.F. photo. +

12

Witness Cor. to the true point for Special
Meander Cor. Sec. 2

2/11/71
(18)

G.L.O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap marker

Found monument in good
condition as described

WC

SMC

E

S 2 | S 2

E

1918

W. Oak 5" N50°E 122 KS - 80.52'

Now 14" at record brg & dist scribe overgrown

New B.T.'s:

Rescribed G.L.O. bearing tree with B.T. only.

Steel sign post due south 3.7 feet with

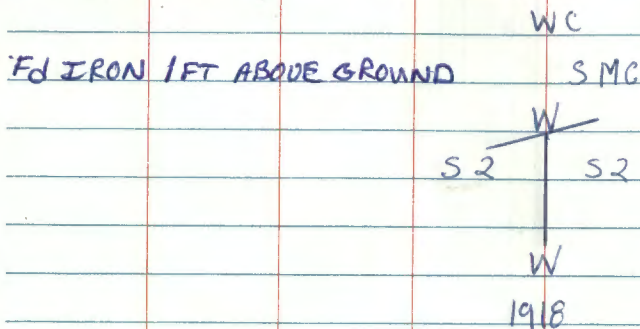
F.S. signs 54-2 & 54-4 attached

W.D. Osborn
9/5/70

Witness Cor. to the true point for the Special
Meander Cor. Sec. 2

G.L.O. Resurvey Notes of 1918

Iron post 3' long 1" diam. with brass cap marks



B. Oak $556\frac{1}{2}^{\circ}W$ 33 KS - 21.78'
NOW 31" @ BRG & DIST. SCAR VISIBLE NEW TAG

R. Oak 7" $N77^{\circ}E$ 31 KS - 20.46'
NO EVIDENCE.

4-20-06 R. MAIN

FD IRON IN PLACE AND GPS. IRON⁺ 50 SOUTH
OF WATERS EDGE. IN MIXED HARDWOODS.
MARK ONE NEW BT.

W. OAK 14" $555^{\circ}E$ 28.65 FT TO SPK MKD. S 2 BT

Special Meander Cor. Sec. 4 (W. shore of Walker Bay
bears N36E + S36W)

G.L.O. Resurvey notes of 1919

Iron post 3' long 1" diam. with brass cap
marked

S4
G ————— C SMC

S4

1919

W. Oak 14" S25°45'W 664 1K5 - 438.24

Chimney on house, across marsh, bears
S68°25'W about 15 chs. dist.

North West 1/16 Cor. Sec. 4

G.L.O. Resurvey notes of 1919

Iron post 3' long 1" diam. with brass cap marked

NW 1/16 S 4

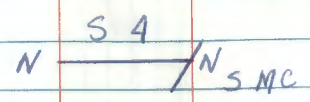
1919

No accessories available

Special Meander Cor. Sec. 4 (West shore of Walker Bay
beds N38°15'E S29°30'W)

G.L.O. Resurvey notes of 1919

Iron post 3' long 1" diam. with brass cap marked



S 4

1919

No accessories available

Special Meander Core Sec. 4 (W. shore of Walker Bay beach)
(S 28° W + N 29 1/2° E)

G. L. O. Resurvey notes of 1919

Iron post 3' long 1" diam. with brass cap marked

W
S 4 S 4

W

S MC

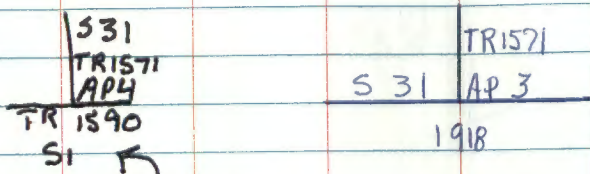
1919

No accessories available

Angle Point 3 of Allotment 1571

G.L.O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap marked



NOTE: ACTUAL STAMPING

2-13-06 RMAIN

FD IRON IN PLACE UP 6" IRON IN MIXED
HARD WOOD. SWAMP SOUTHEAST OF CORNER.
GPS AND WITNESS WITH

W. OAK 14 S 34 E 23.38 FT TO SPK MKD: S 1 BT

W OAK 13 S 35° W 6.66 FT TO SPK MKD: S 1 BT

LINE TO STANDARD EAST AND NORTH

8 FT STEEL SIGN POST 4.55 EAST 4.5 NORTH

Cor. of Tps. 143N, R5 30 431W

G.L.O. Resurvey notes of 1918

Iron post 3' long 3" diam. with brass cap marked

T143N	
S36	S31
R31W	R30W
T142N	
1918	

Pits 30 x 18 x 12", East, West and North of the
Cor., 3' dist.,

Quarter Cor. Sect.

G.L.O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap marked

1/4 51

1918

Pits 18x18x12" East and West of the Cor. 3'
dist. and a mound of earth 25' base, 12' high
3' south of Cor.

West 1/16 Cor. and Angle Point 2 of Allotment

1217 Sec. 1

G.L.O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap
marked

S 36

AP 2

TR

1217

S 1

1918

Dak 4" S77°E 42 IKs - 27.72'

Dak 4" S34°W 20 IKs - 13.20'

Quarter Cor. Sec. 36

G. L. O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap
marked

1/4 S36

1918

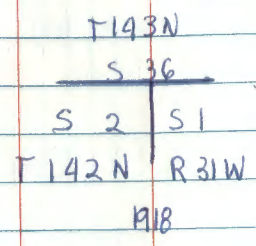
Oak 8" N9 $\frac{1}{2}$ °E 39 1/2 - 25.74'

Dak 8" N24°W 21 1/2 - 13.86'

Cor. of Secs. 1-2

G.L.O. Resurvey notes of 1918

Iron post 3' long 2" diam. with brass cap marked



Dak 4" S42°E 106 1K3 - 69.96'

Pine 6" S48½°W 173 1K3 - 114.18'

Angle Point 2 of Allotment 1217

G.L.O. Resurvey notes of 1918

Iron post 3' long 1" diam. With brass cap marked

AP 2

TR

1217

1918

Meander Cor. Secs. 2-36 (E. shore of Leech L. Bear)
N40°E + S40°W

G.L.O Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap marked

T143 N R31 W

MC / S 36

S 2

T142 N

1918

Poplar 12" N47½°E 209 1/2 - 137.94'

W. Oak 5" S47½°W 97 1/2 - 64.02'

Quarter Cor. Secs. 2-35 (Fall 14.17 chs. S of the Cor.)

G.L.C. Resurvey notes

Galvanized iron pipe 2" diam. 6" above ground with
brass cap marked

1/4 S35

1/4 S2

Original bearing tree

N. Pine 14" S71 $\frac{1}{4}$ °E 71 1ks - 46.86'

East 1/16 Cor. Secs 1-36

G.L.O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked

E 1/16 S 36

S 1

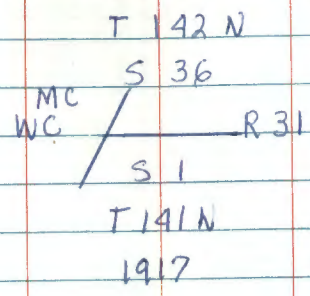
N. Pine 10" S34°E 233 1/2 - 153.78'

R. Oak 6" N21°W 195 1/2 - 128.70'

Meander Cor. and also Witness Cor. to the Original
Meander Cor. Secs 1-36 (E. shore of Walker Bay ^{beach})
N 18 1/2° E & S 43° 15' W

G.L.V. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap
marked



J. Pine 6" N 53° E 350 lks - 231.00'

W. Oak 5" S 77° E 309 lks - 203.94'

Witness Cor. to true point for Meander Cor. Secs. 25-36

G.L.D. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked

T 142 N R 31 W

WC | S 25

MC | S 36

1917

Ash 6" N45°E 30.1KS - 19.80'

Oak 8" S51°E 109.1KS - 71.94'

Witness Cor. to the Meander Cor. Secs. 24-25

G.L.O. Resurvey notes of 1919

Iron post 3' long 1" diam. with brass cap marked

T 142 N R 31 W

S 24 / WC
S 25 / MC

1919

R. Oak 14" N 78° W 26 KS - 17.16'

W. Oak 5" S 47° 30' W 44 KS - 29.04'

West 1/16 Cor. Secs. 24-25, which also represents
the NE Cor. of Allotment 1588

G. L. O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked

W 1/16 S 24

S 25

1917

Poplar 12" North 16 1/2 - 10.56'

Poplar 10" S 49 1/2° W 20 1/2 - 13.20'

Witness Cor. to the true point for reestablishment
of the Meander Cor. of frac. Secs. 24-25

G.L.C. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap
marked

T 192 N R 31 W

WC / S 24

MC S 25

1917

Pine 14" S 72° W 42 1/2 - 27.72

Pine 28" N 45° W 8 1/2 - 5.28'

Quarter Cor. Secs. 4-5

C.L.O. Resurvey notes of 1919

Iron post 3' long 1" diam. with brass cap marked

1/4
S5 S4
1919

W. Dak 16" S69°W 332 1/3 - 219.12'

INFO IN BK 3 Pg 62

South East 1/16 Cor. Sec. 36

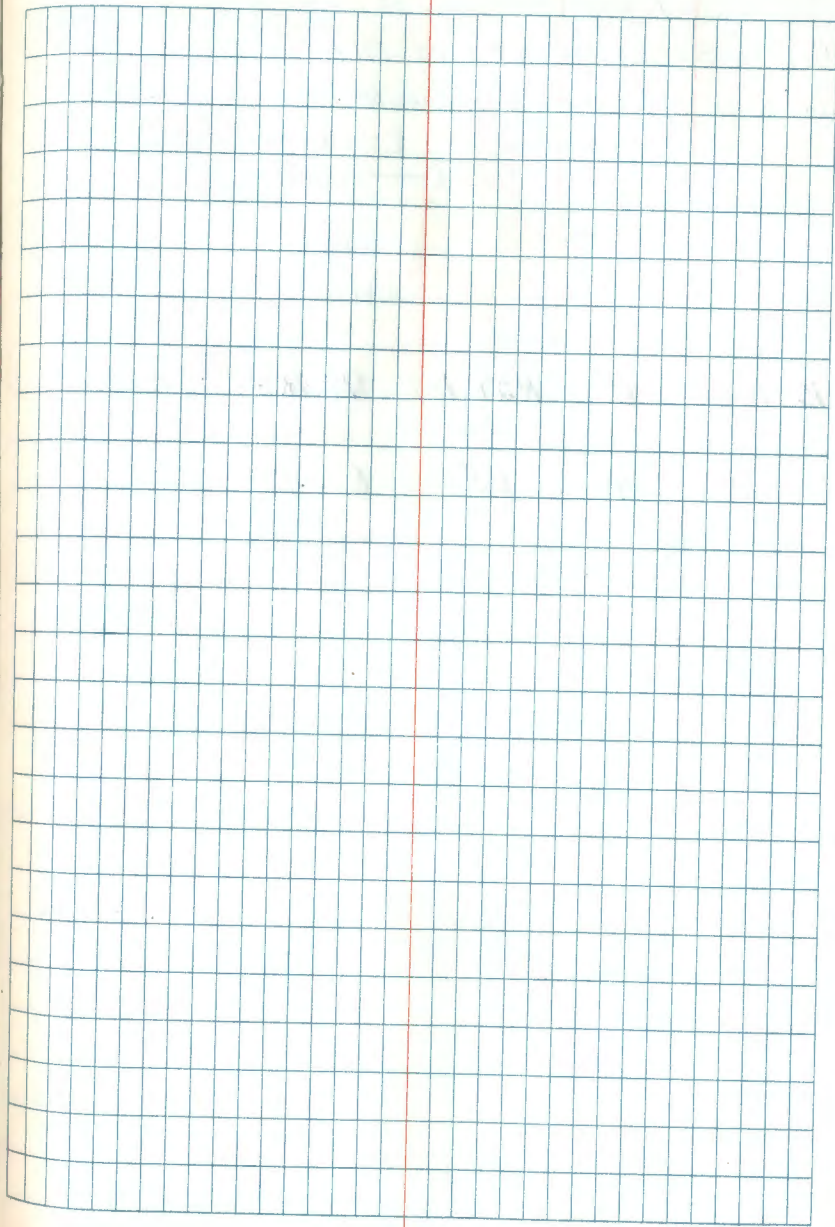
G.L.O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap
marked

SE 1/16 S 36
1917

R. Oak 5" N2°15'W 64 1/2 - 42.24'

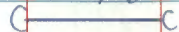
W. Pine 5" S11 1/2°W 72 1/2 - 47.53'



Center East 1/16 Cor. Sec. 36

G.L.C. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked

E 1/16


S 36

1917

B. Pine 6" N29°15'E 77 1/2 - 50.82'

R. Oak 4" S65°E 87 1/2 - 57.42'

Witness Cor. to the true point for Special Meander

Cor. Sec. 36

G. L. O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap

marked

WC	S	S 36	S
SMC			

S 36

1917

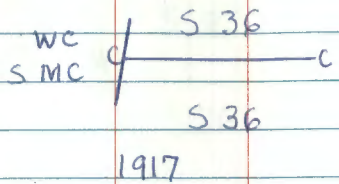
N. Pine 6" N67 $\frac{1}{2}$ °E 56 lks - 36.96'

R. Oak 3" S24°E 67 lks - 44.22'

Witness Cor. to the true point for Special
Meander Cor. Sec. 36

G. L. O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap marked



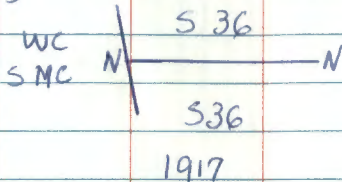
J. Pine 3" S 48 1/2° E 25 1/2 KS - 16.50'

J. Pine 10" N 75° E 262 1/2 KS - 172.92'

Witness Cor. to the true point for Special
Meander Cor. Sec. 36

G.L.O. Resurvey notes of 1917

Iron post 3' long 1" diam. with brass cap
marked



Ash 5" S11°W 27 1/2 - 17.82'

Elm 10" N58°E dist. not recorded

Special Meander Cor. Sec. 25 (N. shore of the pass to
Agency Bay bears NE & SW)

G. L. O. Resurvey notes of 1918

Iron post 3' long 1" diam. with brass cap
marked

W
525 | 525

—

W

SMC

1918

Cak 5" N12 $\frac{1}{2}$ °E 18 IKS - 11.88'

Pine 10" N46°15'W 47 IKS - 31.02'

Sec. Cor. of Secs. 22-23-26-27

G. L. O. Resurvey notes of 1921

Iron post 3' long 2" diam. with brass cap marked

2 1/2" IRON PIPE T 142 N R 31 W

By CASS COUNTY S 22 S 23

IN RECENTLY BUILT ROAD S 27 S 26

1921

No trees suitable for bearing trees, ~~at the~~ cor.
falls in road

ORIG. GOV'T. SURVEY 1873

SET WOOD POST

W. PINE 10 N 19 E 94 Lks. = 62.04'

NO TRACE OF THIS BT

Y. PINE 20 N 12 W 30 Lks. = 19.80'

GLO FD. PINE STP. 5' HIGH 30" N 17 W 30 Lks. ^{BT} SCRIBED

W. PINE 20 S 36 W 10 Lks. = 6.60'

GLO FD. PINE STP. 20" S 28 1/2 W 10 Lks.

W. PINE 18 S 30 E 15 Lks. = 9.90'

GLO FD. 30" W. PINE STP. S 35 1/2 E 15 Lks. SCRIBED

Quarter Cor. Secs. 26-27

G.L.O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap
marked

SET PROPORTIONATE S 27 S 26

DISTANCE

1921

N. Pine 14" N78°W 158 LKS - 104.28'

ORIG. GOV'T. SURVEY 1873

SET WOOD POST

POPLAR 4 N70E 19 LKS. = 12.54'

POPLAR 2 S31W 28 LKS. = 18.48'

Sec. Cor. of Secs. 26-27-34-35

G. L. O. Resurvey notes of 1921

Iron post 3' long 2" diam. with brass cap
marked

T 142N	R 31W
--------	-------

2 1/2" IRON PIPE

S 27	S 26
------	------

By CASS COUNTY

S 34	S 35
------	------

1921

Mound of stone, 2' base, 1 1/2' high W. of Cor.

AT FENCE CORNER

ORIG. GOV'T. SURVEY 1873

SET WOOD POST

J. PINE 8 N37E 35 Lks. = 23.10'

GLO Fd. PINE STP. 18" x 36" HIGH N38 1/4 E - 35 Lks. ^{MKO BT}

R. OAK 4 N6 1/2 W 54 Lks. = 35.64'

GLO Fd. DECAYED 14" OAK STP. N4W 54 Lks.

NO OTHERS

Quarter Cor. Secs. 27-34

G. L. O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap marked

2 1/2" IRON PIPE

527

By CASS COUNTY

$\frac{1}{4}$

534

1921

N. Pine 8" S5 1/2° E 52 lks - 34.32'

N. Pine 8" N9 1/4° W 54 lks - 35.64'

ORIG. GOV'T. SURVEY 1873

SET WOOD POST

Y. PINE 14 N30E 12 lks. = 7.92'

GLO. FD. PINE STP. 18" N30E 12 lks. OLD BLAZE

W. PINE 14 S43W 25 lks. = 16.50'

GLO. FD. PINE STP. 24" S43W 25 lks. SCRIBED BT

Witness Cor. for the Meander Cor. Secs. 27-34 (Shore of Long L. bears N. T.S.)

G.L.O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap
marked

T 142 N

S 27

2 1/2" IRON PIPE BY CASS
WC MC

COUNTY IS EAST OF GLO

S 34

IRON 46.20' BOTH ARE

R 31 W

WITNESS CORNERS TO

921

ORIG. POSITION

Poplar 6" N 49 1/2° E 54 lks - 35.64'

Poplar 8" S 61 3/4° E 19 lks - 12.54'

Chains

Thence N. 89° 39' W., bet. secs. 27 and 34 (T.S.), beginning new measurement.

52.05

The V. C. for the M. C. of secs. 27 and 34, which is a galvanized iron pipe, 2 1/2 ins. diam. and which was set by the County Surveyor of Cass County at a point 53 ft. S. 89° 38' E. of the true point for the cor. According to the County records the original bearing trees were standing at the time this cor. was reestablished. I accept same as being direct evidence of the original survey but as the cor. is set at a considerable distance from the actual shore line, therefore at

52.75

Shore of Long Lake, bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for the V. C. for the M. C. of secs. 27 and 34, with brass cap mkd.

T 142 N

WC
MC
E 27
S 34
R 31 W
1921

46.20
+ 6.60
52.80'

10 lks, 6.6'

From which

A poplar, 6 ins. diam., bears N. 49 1/2° E., 54 lks. dist. mkd. V C T 142 N R 31 S 27 M C B T.

A poplar, 8 ins. diam., bears S. 61 3/4° E., 19 lks. dist. mkd. V C T 142 N R 31 S 34 M C B T.

52.85

True point for the M. C. of secs. 27 and 34, falls in

Witness Cor. for the Meander Cor. Secs. 27-28

E.L.C. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap marked

T 142 N R 31 W

S 28 S 27

W C

M C

1921

W. Oak 8" N46 $\frac{1}{2}$ °W 58 lks - 38.28'

W. Oak 8" N69 $\frac{1}{2}$ °E 102 lks - 67.32'

ORIG. GOV'T. SURVEY 1873

SET WOOD POST

TAM. 14 N33E 10 lks. = 6.60'

GLO FD. TAM. STP. 16" N80E 6 lks.

TAM. 14 N30W 10 lks. 6.60'

GLO FD. TAM. STP. 16" N77W 5 lks.

The true point for the M. C. of secs. 27 and 28, on the north shore of Long Lake is determined from the stumps of the original bearing trees. As true point for cor. falls in Long Lake, therefore at a point 8 lks. N. 0° 39' W. and alongside of a galvanized iron pipe, 2 1/2 ins. diam., set by County Surveyor, I set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for the V. C. for the M. C. of secs. 27 and 28, with brass cap abd.

T 142 N R 31 W
S 28 S 27
M C
1921

From which
The remains of the original bearing trees
A tamarack stump, 16 ins. diam., bears N. 80° E., 6 lks. dist; mkd. B T.
A tamarack stump, 16 ins. diam., bears N. 77° W., 5 lks. dist; mkd. T 142 N R 31 W S 28 M C B T.
And new bearing trees
A white oak, 8 ins. diam., bears N. 46 $\frac{1}{2}$ ° W., 58 lks. dist; mkd. T 142 N R 31 W S 28 M C B T.
A white oak, 8 ins. diam., bears N. 69 $\frac{1}{2}$ ° E., 102 lks. dist; mkd. T 142 N R 31 W S 27 M C B T.
Cor. is set just west of small creek connecting Lake May and Long Lake.
Thence from the true point for the M. C. of secs. 27 and 28.

Witness Cor. for the Meander Cor. Secs. 27-28 (Shore of Lake May, bears E + W)

G.L.C. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap marked

WC	MC
S 28	S 27
T 142 N	R 31 W

1921

W. Pine 8" S80°E 14 lks - 9.24'

Birch 10" S58¹/₂°W 74 lks - 48.84'

ORIG. GOV'T. SURVEY 1873
SET WOOD POST

W. PINE 15 S50E 30 lks = 19.80'

W. PINE 18 S55W 10 lks = 6.60'

N. 0° 39' 4", on a true line, bet. secs. 27 and 28.

In Long Lake.

0.00 To the P. C. M. C. of secs. 27 and 28, above described. Thence over level land, through timber and brush.

1.80 Intersect a Galvanized iron pipe, 2 1/2 ins. diam., set by the County Surveyor for the S. 1/16 sec. cor. of secs. 27 and 28.

3.58 To shore of Lake May, bears E. and W. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for the P. C. M. C. of secs. 27 and 28, with brass cap mkd.

WC	MC
S 28	S 27
T 142 N	R 31 W

1921

Chains

From which

A white pine, 8 ins. diam., bears S. 80° E., 14 lks. dist; mkd. W C T 142 N R 31 W S 27 M C B T.

A birch, 10 ins. diam., bears S. 58 1/2° W., 74 lks. dist; mkd. W C T 142 N R 31 W S 28 M C B T.

From this cor.,

The original bearing trees

A white pine stump, 20 ins. diam., bears N. 44° E., 9 lks. dist; mkd. B T.

A white pine stump, 24 ins. diam., bears N. 78 1/2° E., 28 1/2 lks. dist; mkd. B T.

Thence continue in Lake May.

3.01 Intersect a galvanized iron pipe, 2 1/2 ins. diam., set by the County Surveyor, for the P. C. for the M. C. of secs. 27 and 28. Reported as being 7 ft. south of true point.

3.71 The true point for the M. C. of secs. 27 and 28, as determined from the original bearing trees above described.

Witness Cor. for the Meander Cor. Secs. 27-28 (Share of Lake May bears NE & SW)

G. L. O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap marked

T 142 N R 31 W

S 28 S 27

W C

M C

1921

Birch 8" N 20 1/2° E 9 lks - 5.94'

J. Pine 8" N 20 1/2° W 229 lks - 151.14'

ORIG. GOV'T. SURVEY 1873

SET WOOD POST

Y. PINE 18 N 11 E 43 lks = 28.38'

Y. PINE 14 N 18 W 25 lks = 16.50'

Thence N. 7° 18' E., by triangulation across Lake May.

Beginning new measurement.

16.06 Proportional point for the N. C. of secs. 27 and 28, falls in Lake May.

24.48 To shore of Lake May, bears NE. and SW.

Alongside a galvanized iron pipe, 3 1/2 ins. diam., which was set by the County Surveyor, I

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for the N. C. H. C. of secs. 27 and 28, with brass cap abd.

T 142 N R 31 W
S 28 S 27

M C
1921

From which

A birch, 8 ins. diam., bears N. 20 1/2° E., 9 lks. dist; M C T 142 N R 31 W S 27 M C S 27.

Chain

A jack pine, 8 ins. diam., bears N. 20 1/2° W., 229 lks. dist; abd. M C T 142 N R 31 W S 28 M C S 27.

Thence over rolling land, through scattered timber and brush.

26.17 Center of track of the Great Northern R. R., bears N. 40° 50' E. and E. 40° 50' W.

27.40 Right of way fence, bears N. 40° 50' E. and S. 40° 50' W.

Thence continue along fence line.

30.88 Intersect a galvanized iron pipe, 3 1/2 ins. diam., set by County Surveyor for the N. 1/4 sec. cor.

This cor. is set at fence cor., fences bear N., S. and

Sec. Cor. of Secs. 21-22-27-28

G. L. O. Resurvey notes of 1921

Iron post 3' long 2" diam. with brass cap
marked

T 142 N R 31 W

2 1/2" IRON PIPE - SET IN 1915 S 21 S 22

By CASS COUNTY S 28 S 27

1921

R. Oak 6" N 13 3/4° W 97 lks - 64.02'

R. Oak 6" S 66 1/2° E 203 lks - 133.98'

ORIGINAL GOV'T SURVEY 1873

SET WOOD POST

B. OAK 4 N 43° E 39 lks.

GLO Fd. STP. 1921

W. PINE 20 N 62° W 120 lks.

GLO Fd. STP. 1921

BIRCH 3 S 74° W 44 lks.

BIRCH 3 S 80° E 11 lks.

40.60 Road, bears E. and W.
46.95 Intersect a Galvanized iron pipe, 2 1/2 ins. diam., set
by the County Surveyor for the cor. of secs. 21, 22,
27 and 28.
North and alongside of galvanized iron pipe, I
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in
the ground, for the cor. of secs. 21, 22, 27 and 28,
with brass cap nbd.
T 142 N R 31 W
S 21 S 22
S 28 S 27
1921

From which

The remains of the original bearing trees.

A pine stump, 30 ins. diam., bears N. 68° W., 120 lks.
dist; marks obliterated but signs of blaze.

An oak stump, 6 ins. diam., bears N. 45° E., 89 lks.
dist; marks obliterated.

And new bearing trees

A black oak, 6 ins. diam., bears N. 13 3/4° W., 97 lks.
dist; nbd. T 142 N R 31 W S 21 E 7.

A red oak, 6 ins. diam., bears S. 66 1/2° E., 203 lks.
dist; nbd. T 142 N R 31 W S 27 E 7.

N. 80° 20' W., continuing bet. secs. 22 and 27,
beginning new measurement.

Over rolling land.

2.10 Right of way fence, bears N. 27° E. and S. 27° W.

2.60 Main track of Great Northern R. R., bears N. 27° E. and
and S. 27° W.

2.90 Side track of Great Northern R. R., bears N. 27° E.
and S. 27° W.

4.45 Right of way fence, bears N. 27° E. and S. 27° W.

6.00 Road, bears N. 27° E. and S. 27° W.

7.00 Enter scattered timber and brush.

16.71 The cor. of secs. 21, 22, 27 and 28.

Quarter Cor. Secs. 22-27

G. L. O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap
marked S 22

2 1/2" IRON PIPE - SET $\frac{1}{4}$

By CASS COUNTY

S 27

1921

Birch 6" N 79 1/2° E 75 lks. - 49.50'

Birch 8" S 44 1/4° E 277 lks. - 182.82'

ORIGINAL GOV'T. SURVEY 1873

SET WOOD POST

BIRCH 4 N 1/4 W 30 lks. 19.80'

W. PINE 18 S 57 E 11 lks. 7.26'

GLO. FD. DECAYED W. PINE STP 24" S 57 E 11 lks.

Thence from the cor. of secs. 22, 23, 26 and 27.

S. 87° 25' W., on a true line, bet. secs. 22 and 27.

Over rolling land, through scattered timber and brush.

19.65 Fence cor., fences, bear west and south; thence along fence line.

39.31 Intersect a galvanized iron pipe, 3/4 ins. diam., set by the County Surveyor for the 1/4 sec. cor.

North and alongside of galvanized iron pipe, 1

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, for the 1/4 sec. cor., with brass cap mkd.

S 22

S 27

1921

From which

The remains of an original bearing tree

A decayed white pine stump, 24 ins. diam., bears S.

57° E., 11 lks. dist; marks obliterated.

And near bearing trees

A birch, 6 ins. diam., bears N. 79 1/2° E., 75 lks. dist; mkd. 1/4 S 22 B T.

A birch, 8 ins. diam., bears S. 44 1/4° E., 277 lks. dist; mkd. 1/4 S 27 D T.

SE. cor. of house, bears N. 47° W., 90 lks. dist.

This cor. is set at fence cor., fences bear E., W. and N.

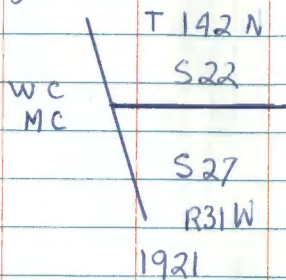
40.20 Top of cut bank, about 45 ft. high, bears N.W. and SE.

41.30 Middle of state road, bears N.W. and SE.

41.71 To shore of Lake May, bears W. and SE.

Witness Cor. to Meander Cor. Secs. 22-27 (Shore of
G.L.O. Resurvey notes of 1921)

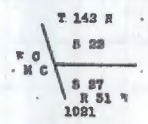
Iron post 3' long 1" diam. with brass cap
marked



No trees suitable for bearing trees

Lake May bears NW & SE

Chain
Set an iron post, 3 ft. long, 1 in. diam., 36 ins. in
the ground, for the M. C. N. C. of secs. 22 and 27,
with brass cap and.



No trees suitable for bearing trees and pits
impracticable.
Cor. is set 4 lks. east of door of boat house.
41.78 True point for the M. C. of secs. 22 and 27.
Am unable to find any evidence of the original cor. but
from the Cass County records, I find that the original
cor. was in place before the road was built, (noted
on the plat of the Resurvey made of sec. 22) and that
this meander cor. was on a line extending from the
cor. of secs. 22, 23, 26 and 27, through the $\frac{1}{2}$ sec.
cor. of secs. 22 and 27 and was 2.47 chs. westerly
from the $\frac{1}{2}$ sec. cor. I therefore accept this point
which is reestablished according to the County records
as being the correct position for the original M. C.
of secs. 22 and 27.

Meander Cor. Secs. 22-27 (shore of L. May bears NE & SE)

G.L.O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap marked

T 142 N

S 22

MC

S 27

R 31 W

1921

Maple 8" S 38³⁰ W 133 1/4 - 87.78'

Thence

S. 85° 14' " , by triangulation across May Lake, beginning new measurement.

22.44

To shore of Lake May, bears N. and S.

Point for the original M. C. of secs. 22 and 27.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for the M. C. of secs. 22 and 27, with brass cap mrd.

T 142 N
S 22
S 27
R 31 W
1921

Chain

Pres which

The remains of the original bearing trees

A decayed pine stump, 24 ins. diam., bears S. 01° " , 19 lks. dist; marks obliterated.

A decayed pine stump, 24 ins. diam., bears N. 25° E., 19 lks. dist; no marks. This bearing tree is reported as being N. 25° " , and think that it is just an error in the record.

The position for this cor. is verified by the plat of the resurvey of Sec. 22 of the County Surveyor.

A galvanized iron pipe, 3/4 ins. diam., was set for the N. cor. of lot B, and I find that this cor., bears N. 41° 11' N., 8.52 chs. from the original M. C. of secs. 22 and 27 as reestablished. On the plat of the resurvey made of sec. 22, by the County, needle bearings are given and I find that these bearings and distances as given check very close to the direct tin that I made.

Take a new bearing tree

A maple, 8 inc. diam., bears E. 78° " , 135 lks. dist; mrd. T 142 N R 31 W S 27 N C B T.

Thence

Angle Point #1, Section 27

G.L.O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap
marked

T142 N R31W

AP1 S27

1921

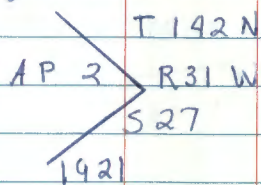
No. Pine 5" S82 $\frac{3}{4}$ °E 11 KS - 7.26'

N. Pine 5" S71°W 12 KS - 7.92'

Angle Point #2, Section 27

G.L.O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass cap
marked



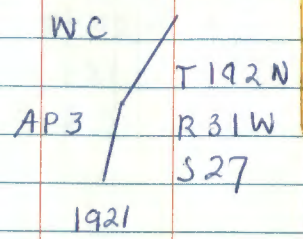
N. Pine 6" S59 $\frac{1}{2}$ °W 29 1K5 - 15.84'

N. Pine 6" N9 $\frac{1}{2}$ °W 31 1K5 - 20.46'

Witness Cor. to Angle Point #3, Section 27 (S nose of Lake May bears NEASW)

G.L.O. Resurvey notes of 1921

Iron post 3' long 1" diam. with brass
marked



Birch 6" N32°W 17 KS - 11.22'

Ash 12" S83°W 15 KS - 9.90'

G, H-18

G-H, 18

ACE. div. +

2/11/71

CAS

53

Lot Corner Lots 4 & 5 Sec 11

G.L.O. Resurvey notes of 1933

Set an iron post 3 ft. long 2 in. dia.

30 in. in ground with brass cap

marked

Found iron i cap, in place $\frac{L4}{S11}$

7" above ground, in good cond. $\frac{L5}{S11}$

Black Oak 8" S46 $\frac{1}{2}$ °W 121ks marked L5 S11 BT

Now 19" at record Bt 9 & dist S side overgrown

Black Oak 5" S37 $\frac{1}{2}$ °E 121ks marked S11 BT

Now 10" at record Bt 9 & dist S side overgrown

One new tree tie

10" White Oak N39°W 52.0 ft. (nail on east side)

11-16-70

Curtis R. Krause

G, H-17, 18

G-H, 17-18

Corner 1 Lot 7 Sec 11

Notes of Gjelhaug survey for G.L.O. 1939

Set an iron post 18 ins. long 2 ins diam
imbedded 15 ins in concrete block

Found 2" iron in concrete flush with
ground

Oak 5" 535°W 2 lbs mld LT S11 BT

Now 9" at 1194 DIST scribe overgrown

New Tree Ties

4" Red pine 16'20 FT N 74° E

16" Red oak 26'80 FT S 20° E

11-16-70

Curtis R. Krause

H.F. dau.†

2/11/71
C.R.S.

2171 56

G, H-17, 18a

G, H-17, 18

A.M.C. and cor 3 at Lot 7 Sec 11

Notes of Gjelhaug survey for C.L.O. 1939

Iron post 18 in long 2 in dia 10 in con.

block, surrounded with collar of stones

Not found.

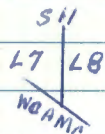
W. pine 6" diam S77°E 47 1/2 mtd

LB SHBT

Now 17" S 81°E 31.00

To perpetuate this corner I set a 5 1/2" x 5 1/2" x 24" long concrete monument, flush with ground and capped with a 3" dia brass tablet stamped.

T142 N R31 W.



1970

RES. NO. 6807

Witnessed by.

11" White Oak N 36°E 61.7 ft.

13" Norway Pine N 70°W 53.43 ft.

13" White Pine S 60°E 28.0 ft.

11-16-70

Curtis R. Krause

A.F. Davis

21-171

002

This corner location was reestablished by cadastral survey and verified by one remaining B.T. from above survey.

W.A.S.

The W.A.M.C. is set 28.69 feet north of the true location for the A.M.C. and on line between the original corner locations.

G, H-18a

G, H-18

S.M.C. on W 1/4 line Sec. 11

Temp stake set at true point for special meander corner - from G.L.O. resurvey notes of 1933. No monument or witness trees. - This temp corner falls very close to edge of water in rock ridge. Corner was reestablished by cadastral survey from other monumented corners. WMO

To perpetuate this corner I set a 5 1/2" x 5 1/2" x 24" long concrete monument, flush with ground, with a 3" dia brass tablet stamped.

T142 N R31 W

S 11
 W 1/4
 L8 L6
 W & M
 1970

Witnessed by

'RLS NO. 6807

13" Norway Pine N59°W 43.9 ft.

15" White Pine N12°E 42.34 ft.

12" Norway Pine S40°E 42.36 ft.

11-16-70

Charles R. Kramer

Affidavit

2/11/71

CRS

Center west 1/16 Sec. 20

PLAT OF SURVEY By Wm. H. OKERMAN RLS 6807
 SURVEYED IN 1974 UNDER CONTRACT WITH U.S.F.S.
 SOUTH HALF OF SECTION 20 T142N R31W

TIES ON PLAT

ELM	4	S76W	18.07'
ELM	8	S30E	13.36'
ASPEN	5	N8E	20.67'

Set 2" Dia. iron pipe in place of 1" x 1/16" iron pipe.
 County 2" Dia. iron pipe x 48" long was removed.
^{10/25/90} placed on north side.

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

T142N R31W

C W 1/16 C
 S20
 1974

RLS NO 6807

Witnessed by
 W. Oak 10" 12" S34°E 13.36' mkd. CW 1/16 S20 Bt.
 W. Oak 6" 7" S77°W 18.07' mkd. X Bt.
 W. Pine 5" 13" N14°W 85.0' mkd. CW 1/16 S20 Bt.

Set 8' steel sign post due North 2.4' with FS sign 54-2 attached

Set 8' steel sign post due East 2.4' with FS signs 54-2, 54-4
 attached

11-5-74
 Curtis R. Krause

found 2 1/2" OD Galvanized iron pipe w/cap broken
 off, iron not in place, with top bent - at this time
 I don't have any information of bearing trees by
 county, but will check at courthouse later.

11-5-74

found 1" OD iron pipe in place corrected position
 for CW 1/16 set by cadastral survey in march 1974
 surveyed by William H. Okerman Registered
 Land Surveyor # 6807 Office at Bemidji, MN.

10/25/90 CK-GB

Found F.S. 2" x 48" galv. iron pipe with brass
 cap bent. Removed bent iron. Set a new
 2 1/2" x 48" galv. iron pipe with brass cap mkd.
 Brass cap set 5" above ground. T142N R31W
 Placed rocks around monument.

C W 1/16 C
 S20
 1990

Found BT'S recorded by Krause in 1974
 in good condition. New road construction
 just north of corner. Corner approx. 30' ft
 of C (south)

Property Corner in Section 20

Surveyed by William H. Okerman in
March of 1974

TIES ON PLAT

OAK	5	S38E	40.29'
CLUMP BIRCH	8	N45E	17.09'
BIRCH	10	S30W	42.50'

Found 1" OD iron pipe marking corner, to perpetuate this corner I set a 2" Dia. x 5' long galvanized steel pipe, filled with concrete and capped with 3" Dia. brass tablet stamped.

Property Corner
T142N R31W

S20
C USFS
LAND C

Witnessed by

RLS ¹⁹⁷⁴ NO. 6807

W. Oak 9" S50°W 116.0' mkd. PC S20 Bt.

W. Pine 8" S4°W 153.4' mkd. PC S20 Bt.

Cedar Post ^{6" dia.} 10' high S35°W 50.95' nail & disc

Set 4"X4"X8' R-top Cedar post S79°W 61.5' W/54-2

Set 5"X5"X8' R-top Cedar post S6°E 2.2' W/54-2 & 54-4

11-6-74 *Clayton R. House*

this corner falls at north edge of road and driveway to trailer home, mound large rocks around iron monument and also make rock semi-circle around cedar post and iron at edge of driveway

piled large rocks around 4"X4" cedar post to west as it falls at south edge of newly constructed garden - place 4"X4"X8' Cedar post on line to monument S6°E 300' this post is approximately 16.5' south of this corner, on ridge

→ telephone pedestal attached to Cedar post

P, Q-6, 7

Property Corner in section 20

SURVEY BY Wm H. OKERMAN 1974

PLAT ON FILE

TIES ON PLAT

OAK	4	N76W	28.50'
OAK	5	S82E	36.04'
OAK	5	SOUTH	24.24'

Found 1" OD iron pipe marking corner
To perpetuate this corner I set a 2" Dia. x 4' long
galvanized steel pipe, filled with concrete
and capped with 3" Dia. brass tablet stamped

Property Corner

T142N R31W

USFS | S20
LAND |
1974

Witnessed by

RLS NO 6807

W. Oak 8" N12°W 86.55' mkd. PC S20 Bt.

R. Oak 8" S85°E 35.8' mkd. PC S20 Bt.

W. Oak 8" S85°W 55.0' mkd. PC S20 Bt.

Set 8' steel sign post N79°E-3.5' with F.S. signs
54-2 & 54-4 attached.

Set 8' steel sign post N6°W-5.0' with F.S. signs
54-2 & 54-4 attached.

11-13-74 Curtis R. Klaus

P, Q-7

Property Corner in Section 20

SURVEY BY Wm. H. OKERMAN 1974

PLAT ON FILE - SOUTH HALF OF SECTION 20

TIES ON PLAT

W. PINE	12	N58W	11.11'
W. PINE	8	N22E	12.20'
W. PINE	16	S8E	33.94'

Found 1" OD iron pipe marking corner
To perpetuate this corner I set a 2" dia. X 5' long
galvanized steel pipe, filled with concrete
and capped with 3" dia. brass tablet mkd.

Property Corner

T142N R31W

	C	
USFS	520	
LAND	1974	
	C	

Witnessed by RLS NO 6807

W. Pine 14" S7°E 32.9' mkd. PC S20 Bt.

W. Pine 7" S38°W 53.25' mkd. PC S20 Bt.

W. Oak 12" S73°W 62.9' mkd. PC S20 Bt.

Set 8' steel sign post S79°W - 3.6' with FS signs
SA-2 & SA-4 attached.Set 8' steel sign post S6°E - 3.4' with FS signs
SA-2 & SA-4 attached. 11-14-74 Curtis R. Kramer

Property Corner in Section 20

SURVEY By Wm H. OKERMAN 1974

PLAT ON FILE - SOUTH HALF OF SECTION 20

Found 1"00 iron pipe marking corner
 To perpetuate this corner I set a 2" dia. x 5' long
 galvanized steel pipe, filled with concrete and
 capped with 3" dia. brass tablet stamped.

Property Corner

T142N R31W

 C
 USFS | S20
 LAND |

C

RHS 1974 NO 6807

Witnessed by

W. Oak 9" S64°E 13.1' mkd. PC S20 Bt.

W. Pine 10" S56°W 60.4' mkd. PC S20 Bt.

J. Pine 11" N16°W 88.1' mkd. PC S20 Bt.

Set 8' steel sign post N6°W-3.0' with F.S. signs
54-2 & 54-4 attached.Set 8' steel sign post N85°E-3.0' with F.S. signs
54-2 & 54-4 attached.

11-15-74 Curtis R. Krause

Southeast 1/16 Sec 20

SURVEY BY Wm. H. OKERMAN 1974 PLAT ON FILE
 SET 1" IRON PIPE AT TRUE CORNER POSITION
 CASS COUNTY IRON 2" X 15" HIGH STANDS S 46 E 3.3'
 FROM TRUE POSITION - LINE TO STANDARD NORTH
 AND SOUTH 3/18/88

3/18/88 CK JH MH

Ed. 3/4" Iron Pipe up 6" AS CORNER - also a Cass
 County capped town pipe 2" up 15" is S 46 E 3.3' from

Ed. BTS: By WHO 1974 to (3/4" Iron pipe)
 Red Oak 9" N 07 E 11.75' pipe

Red Oak S 59 W 26.05' } Blazed & scribed
 Birch - now stub NE 26.07' } spec tags
 marked BT red ring

Red Oak 6" S 49 E 11.20' scribed SE 1/4 S 20 1/2 BT

Steel sign post 1 1/2 x 8' North 16.40 AM & Bdry

Steel sign post 1 1/2 x 8' South 13.40 AM & Bdry

Line to standard North and South - Corner
 falls on high ground ridge - east side in
 mixed hardwoods

SECTION CORNER TO SECTIONS 16-17-20-21
 NOTES OF ORIG. GOV'T. SURVEY 1873
 SET WOOD POST

BIRCH 3 N60E 61KS.

POPLAR 3 N30W 101KS.

POPLAR 3 S40W 41KS.

POPLAR 3 S38E 31KS.

COUNTY RESURVEY NOTES BY J. CURO - 1913
 BOOK "B" SURVEY RECORD #327 PAGE 56

Found evidence of original BT's.

SET 2 1/4" X 48" IRON PIPE WITH CAP

MARKED NEW BT'S.

N. PINE 6 N15³⁰W 54.96'

N. PINE 14 S63W 43.18'

QUARTER CORNER BETWEEN SEC'S, 16-21
 NOTES OF ORIG. GOVT. SURVEY 1873

SET WOOD POST

BIRCH 3 N22E 10 IKS.

BIRCH 3 S25E 12 IKS.

CASS COUNTY RESURVEY BY J. CURD 1913
 BOOK "B" SURVEY RECORD #327 PAGE 56

Found original BT's.

SET 2 1/4" X 48" IRON PIPE WITH CAP

MARKED NEW BT'S.

W. Oak 7 S62W 31.31'

W. Oak 14 S40°30'E 21.47'

0.7
CENTER NORTH $\frac{1}{16}$, SECTION 20

SET BY SECTION SUB-DIVISION BY JOHN
CURIO IN 1915. NO TIES GIVEN TO
COUNTY MONUMENT 2" X 5' PIPE THAT
WAS PLACED HERE.

JUNE 28, 1978

STEFAN Y KRAUSE

NO EVIDENCE OF COUNTY MONUMENT LOCATED.
BY SURVEY FROM $C\frac{1}{4}$ TO $N\frac{1}{4}$ WE
POSITIONED THIS CORNER ON LINE AN AT
MIDPOINT.

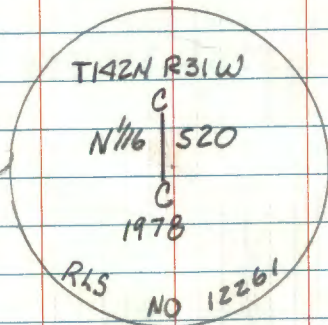
JUNE 29, 1978

STEFAN Y KRAUSE

PLACED 2" X 30" GALV. IRON PIPE, FILLED
WITH CONCRETE, CAPPED WITH BRASS
TABLET STAMPED AS FOLLOWS:

7-6-78

Center R. Krause
Russ W. Vinton



W.OAK	W.OAK	W.OAK	STEEL POST
9	9	6	
S23W	S64W	N85E	SSE
51.20'	2.94	50.83'	3.0
CN $\frac{1}{16}$ S20	CN $\frac{1}{16}$ S20		54-2
BT	BT		54-4

68 N-7

QUARTER CORNER BETWEEN SEC'S. 17-20

NOTES OF ORIG. GOVT. SURVEY 1873

SET WOOD POST

POPLAR 4 N17E 6 LKS.

POPLAR 3 S24E 4 LKS.

CASS COUNTY RESURVEY IN 1915 BY J.W. CURD

NO TIES GIVEN - SET 2" X 48" IRON PIPE

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

T142N R31W

$\frac{1}{4}$ S17

S20

1978

N. PINE 8 N29E 26.34' MKD $\frac{1}{4}$ S17 BT

N. PINE 19 S82E 14.82' MKD $\frac{1}{4}$ S20 BT

N. PINE 14 S87W 36.50' MKD $\frac{1}{4}$ S17 BT

8" STEEL POST SET NGSE 2.5' BOTH SIGNS

7-7-78 *Cyril R. Krause*

Russ W. Vinton

NOTE! SECTION LINE BEARS N 65° E

68

CENTER $\frac{1}{4}$ SECTION 20

69

TO PERPETUATE THIS CORNER I SET $5\frac{1}{2}$ " X $5\frac{1}{2}$ "
X 24" CONCRETE MONUMENT 12" BELOW
ROAD SURFACE WITH BRASS CAP MARKED

T142N R31W

C $\frac{1}{4}$ S20

1978

WITNESSED BY

RLS NO 12261

W. OAK 7" N23W 75.04 MKD C $\frac{1}{4}$ S20 BT

W. OAK 10" N36E 95.25' MKD C $\frac{1}{4}$ S20 BT

8' STEEL SIGN POST N5W-22.60' BOTH SIGNS

1" OD PIPE 10" HIGH

7-7-78

NGW 24.24'

Charles K. Kraybill
Road W. Vinton

NORTH EAST 1/16 IN SECTION 12

NOTES OF GLO RESURVEY 1918

SET 1" X 3/16" IRON POST WITH BRASS CAP MARKED

NE 1/16 S12

1918

NO ACCESSORIES AVAILABLE - PITS IMPRACTICAL

FROM CN 1/16 S 89° 00' E 18.95 CHS. =

FROM WEST 17.60 CHS. ENTER OPEN SWAMP NW-SE

WEST QUARTER CORNER, TO SECTION 31

NOTES OF ORIG. GOVT. SURVEY 1871

SET WOOD POST

N. PINE 15 S85E 6 LKS. = 410'

FD. PINE STUMP S78E 4.0' BLAZE FACE AND SCRIBE VISIBLE

NO OTHER

NOTES BY CASS COUNTY SURVEYOR F. F. WILSON

1916 - MICROFILM ROLL #115 BOOK 86 PAGES 18 + 19

FOUND WOOD POST AND STUMP OF ORIG. GOVT. BT

874 C.C.C. NOTES 4/28/37 CARL E. STEADLAND

FOUND 2" IRON PIPE IN GOOD CONDITION - 15" HIGH

PLACE FSLP ON 20 W. PINE - CORNER BEARS N15W 30 LKS.

11/23/87 JA-GB-MH

CHAINED NORTH FROM TSP. CORNER 2630' AND LINE FELL

20' WEST OF IRON PIPE MARKING ORIGINAL $\frac{1}{4}$ POSITION

IRON IS IN MOUND OF STONES - ON SIDE HILL 40' WEST OF

TAM. SWAMP TO EAST - IRON IS $1\frac{1}{2}$ " X 18" HIGH - NO CAP

FOUND W. PINE 29" SISE 18.25' WITH OLD FSLP BY C.C.C.'S (37)

MARKED TIES TO IRON

N. PINE 21 N9W 89.90' SPK + TAG

TAM 7 S80E 53.25' SPK + TAG

CERTIFICATE FILED

NORTH WEST CORNER OF SECTION 31
 NOTES OF ORIG. GOV'T SURVEY 1871
 SET WOOD POST

N. PINE 17 S30W 179 LKS. = 118.1'

W. PINE 25 N26E 260 LKS. = 171.6'

FD. LARGE PINE STUMP, BURNED AND WELL ROTTED N26E - 172'

N. PINE 20 S5E 363 LKS. = 239.6'

11/23/87 JA-GB-MH

SEARCH AROUND AREA AT END OF CHAINING FROM ORIGINAL
 1/4 CORNER FROM SOUTH 2640'N - FOUND BURNT PINE
 STUMPS SOUTH OF END OF CHAINING - PLACE FSLP
 ON 10" R. OAK EAST 15' FROM 2640' AS APPROX. CORNER

SEARCHED AREA AGAIN AND FOUND LARGE PINE STUMP
 N26E 172' FROM NEAR POINT OF 2640' CHAINED IN NOV.
 SEARCHED FOR ORIGINAL B.T.S. TO SE & SW BUT THESE B.T.S.
 APPEAR TO BE ROTTED & BURNED BEYOND RESTORING THERE
 LOCATION FOR SURE AS WITNESS TO SECTION CORNER
 SOME STUMPS ARE ABOVE GROUND - SHOW HEAVY BURN AND
 OTHERS ARE JUST ROTTED LEVEL OR BELOW GROUND DEPRE-
 -SSIONS AT OR NEAR DISTANCE AND BEARING FROM POINT
 OF RESTORED CORNER LOCATION - SET 60° SPIKE FROM
 LARGE PINE STUMP N26E 172' - AS APPROX. SEC. COR. FOR
 TRAVERSE OF RANGE LINE

60° SPK. TIES MAPLE 9" NORTH 7.18'

BIRCH STP. 13" WEST 3.30'

ON RIDGE TOP - IN OAK - BIRCH & MAPLE - PINE TO SE & SOUTH

WEST QUARTER CORNER OF SECTION 30

NOTES OF ORIG. GOVT. SURVEY 1871

SET WOOD POST

N. PINE 20 S80W 40 LKS. = 26.4'

⁷⁴ N. PINE STUMP 24" X 24" HIGH - NO SCRIBE 287 TO MIDDLE OF STP.

⁵⁹ W. PINE 25 S50E 84 LKS. = 55.4'

^{30" X 3" HIGH}
NEARLY LEVEL PINE STUMP S50E - 56.1' TO MIDDLE OF STUMP

CERTIFICATE FILED

11/23/87 GB-JA-MH

CHAINED NORTH FROM NW COR. SEC. 31 - 2640' DISTANCE FALLS
IN ASPEN-GIRCH WINDFALL AREA - HARD TO GET INTO OR OUT
OF AREA - NEED CHAINSAW TO GET OUR WAY INTO SEARCH AREA

FOUND MANY BURNED PINE STUMPS & SOME ROTTED NEARLY
LEVEL - TIED 2 STUMPS THAT FIT FAIRLY CLOSE WITH ORIG.

SET 60° SPIKE FOR APPROX. CORNER - WILL TRAVERSE INTO THIS
POINT FOR RANGE LINE SURVEY

5/9/89 CK-GB-RM

TIED TRUE CORNER POSITION FOR 1/4 COR. INTO PREVIOUS
TRAVERSE

NORTH WEST CORNER OF SECTION 30

NOTES OF ORIG. GOVT. SURVEY 1871

SET WOOD POST FD. DEPRESSION WHERE

ORIG. POST DECAYED AWAY - NO POST OR POINT

N. PINE 20 N70E 37 LKS. = 29.4'

FD. LARGE FAIRLY SOLID PINE STUMP N74E - 24.4'

W. PINE 25 S58E 45 LKS. = 29.7'

FD. VERY LARGE (OUTSIDE SHELL) PINE STUMP S52E 29.7'

N. PINE 30 S30W 25 LKS. = 16.5'

FD. LARGE FAIRLY SOLID PINE STUMP S34W 16.5'

W. PINE 10 N25W 31 LKS. = 20.5'

FD. SMALLER ROTTED DOWN PINE STUMP. N37W 20.5'

12/15/87 GB-JA

CERTIFICATE FILED

CHAINED SOUTH FROM APPROX. $\frac{1}{4}$ COR. TO SECTION W $\frac{1}{4}$ SEC. 19

2640' SOUTH-TIE RIBBON ON ASPEN PICKET AND MARKED

FOR SEARCH AREA - OUT OF TIME MORE SEARCH 12/16/87

12/16/87 CK-GB-JA-MH

CHAIN NORTH FROM APPROX. W $\frac{1}{4}$ SEC. 30 THROUGH HEAVY WINDFALLS

2640' N FEEL NEAR LOCATION OF RECOVERED ORIG. EVIDENCE OF

ALL FOUR ORIG. ST'S.

DISTANCE FROM SOUTH WAS 2620' AND 10' EAST TO ORIG. COR.

TIE TO LINE RUN SOUTH FROM APPROX. W $\frac{1}{4}$ SEC. 19 AS FOLLOWS

175' NORTH AND 440' W OF TRUE CORNER - W $\frac{1}{4}$ SEC. 19 IS NOT

IN RIGHT PLACE NEED TO SEARCH $\frac{1}{4}$ AGAIN

SET 3"X6' ASH POST AT TRUE CORNER

PUT FSLP ON R. DAK 9 N78E 16.80' SPK+TAG

TIE NORTH TO POND (SOUTH EDGE) WAS WITHIN 10' OF ORIG.

CALL AND NORTH END OF POND WAS ABOUT SAME

ALSO FOUND WINDFALL AT NORTH EDGE OF POND

WHICH WE BELIEVE IS ORIG. LINE TREE - BLAZED

NTS

WEST QUARTER CORNER TO SECTION 19
 NOTES OF ORIG. GOVT. SURVEY 1871
 SET WOOD POST

TAM. 5 S3W 52 LKS. = 34.3'

POSSIBLE REMAINS OF TAM STUMP WELL ROTTED

W. PINE 30 S4E 135 LKS. = 89.1'

^{10/88 CKGB RM}

Fd. W. PINE WINDFALL LYING IN SWAMP - CUT BASE IN PIECES AND FOUND SCRIBE +

CHOP MARKS ON ONE OF BASE PIECE

CASS COUNTY 1921 E.B. HORST

BOOK, PAGE 472 PLAT E-24

2" X 48" IRON PIPE - FROM ORIG. PINE STUMP S4E 89.1

10/88 SEARCH IN BOG WITH STEEL RODS FOR REMAINS OF

OLD POST - SEARCH 1 1/2 HRS. NO POST COULD BE FOUND

PULLED DISTANCE + BEARING FROM W. PINE STUMP

CERTIFICATE FILED

12/15/87 CK-JA-GB

CHAINED SW FROM APPROX. NW COR. SECTION 19 - THROUGH ASPEN REGENERATION - OVER ROLLING LAND WITH HEAVY BRUSH AND WINDFALLS - CHAINED CASS COUNTY DISTANCE OF 2564' AND END UP ON ASPEN RIDGE IN HEAVY BRUSH WE NOW SEARCH FOR CORNER AND FIND LARGE BURNED PINE STUB ON RIDGE - JUST OUT OF SOUTH EDGE OF SWAMP FROM OUR END OF CHAIN WE HAVE TO GO 100' WEST TO 3" X 7' TAM POST WE SET FROM PINE STUMP N4W 89.1' NO POST OR IRON WAS FOUND - NO TRACE OF TAM STUMP - BELIEVE THIS IS STUMP USED BY COUNTY IN THEIR RETRACEMENT OF RANGE LINE TO PROPORTION IN MISSING NW CORNER FOR SECTION 19

12/16/87 CK-GB-JA

CHAINED NORTH FROM ORIG. SW COR. TO SEC. 19 - S EDGE OF POND AT 420' N - N EDGE AT 595' N AND ENTER SWAMP NE + SW AT 2565' N - SET STAKE AT 2640' N IN TAM SWAMP Fd. LARGE PINE STUMP 12' SOUTH OF SWP EDGE - WELL ROTTED THERE ARE OTHER ROTTED + BURNED PINE STUMP IN AREA TOP OF SWP. IS FROZEN 4" DEEP NOW - SEARCH AGAIN IN SUMMER STAKE AT APPROX. COR. HAS RIBBON MKD. ALSO WAS TIED IN ON TRAVERSE OF RANGE LINE - SWAMP BR. NW-SE Fd. LINE TREE BLAZED N+S (WINDFALL) AT NORTH EDGE OF POND BEST WAY TO COME INTO SEARCH AGAIN IS FROM SE ROAD THROUGH N. PINE PLANTATION - THEN DEER TRAIL ON RIDGE ABOVE SWP. - SHOULD SEE RIBBON FROM RIDGE

NORTH WEST CORNER OF SECTION 19

NOTES OF ORIG. GOVT. SURVEY 1871

SET WOOD POST

ASPEN 8 N7W 15 LKS. = 9.9'

ASPEN 8 NZSE 16 LKS. = 10.6'

WI. PINE 18 S12W 54 LKS. = 35.6'

BLK. OAK 8 S33E 66 LKS. = 43.6'

NOTES BY CASS COUNTY E. B. HORST 1921

PLAT E-59 SUBDIVISION OF SECTION 18

SET 2" X 48" IRON MONUMENT

BOOK C PAGE 472

PROPORTIONAL DISTANCE

CERTIFICATE FILED

12/11/87 CK-6B-MA

Ed. 1 1/2" X 48" IRON PIPE - LEANING SOUTH WITH BASE IN PLACE - STOOD UP AND TRY TO DRIVE, BUT COULD ONLY GET IT 12" DEEP - CORNER IS 173' W OF SWAMP EDGE N45 CORNER FALLS IN ASPEN REGENERATION AND WIND FALLS APPROX. 35' SOUTH OF EYW STANDING TIMBER TO NORTH WE TIED INTO IRON PIPE WITH RANGE LINE SURVEY THIS CORNER WAS SET BY PROPORTIONAL MEASURE BETWEEN NW CORNER SEC. 18 AND 1/4 CORNER 1/2 MILE SOUTH

PROPERTY CORNER ON E $\frac{1}{16}$ LINE SECTION 20
APPROX. 870' N OF SE $\frac{1}{16}$ COR.

1" IRON PIPE - 5" HIGH BY WM. H. OVERMAN 1974

1974 BT's. NOW

ASPEN	12"	S48W	1.55'	SCAR NAIL + DISC
DEAD ASPEN	12"	N6E	13.18'	SCAR " "
DEAD ASPEN	12"	N56E	10.91'	SCAR " "

3/21/88 GK-JS-CS

TIES TO 1" IRON PIPE

W. OAK	4	S37W	34.95'	MRD X BT
W. OAK	5	N84E	32.75	" BT
R. OAK	5	S53E	14.86	" X BT

CORNER ON SIDE HILL IN ASPEN & OAK WITH HEAVY BRUSH

LINE TO STANDARD SOUTH & WEST

HOME IS APPROX. 300' NORTH OF COR.

NORTHWEST CORNER OF SECTION 18
NOTES OF ORIG. GOV'T. SURVEY 1871
SET WOOD POST

B. OAK 9 S30W 48 LKS. 31.7'

W. PINE 40 S55E 18 LKS. 11.9'

BASSWOOD 10 N60W 27 LKS. 17.8'

ELM 10 N70E 124 LKS. 81.8'

CERTIFICATE FILED

WEST QUARTER CORNER OF SECTION 18

NOTES OF ORIG. GOVT. SURVEY 1871

SET WOOD POST

TAM. 8 S35W 12 LKS. = 7.9'

TAM. 7 S30E 92 LKS. = 60.7'

CERTIFICATE FILED

FD. IRON PIPE SUNK IN WET AND SOFT OPEN SWAMP

SW 1/4 SEC. 29

11/1/89 GB-MEH-CK

SET 2 1/2 x 48" CO. I.P. IN HOLE IN MOUND

CAP 12" ABOVE GROUND - ON RIDGE TOP - IN HARDWOODS

R. OAK	14	N 71 W	13.60'	SPK
W. OAK	14	S 31 W	48.35'	SPK
W. OAK	16	S 8 W	70.92'	SPK

Placed in Book 3, page 19 on 12/5/89

CURVE TABLES

Published by KEUFFEL & ESSER CO.

HOW TO USE CURVE TABLES

Table I. contains Tangents and Externals to a 1° curve. Tan. and Ext. to any other radius may be found nearly enough, by dividing the Tan. or Ext. opposite the given Central Angle by the given degree of curve.

To find Deg. of Curve, having the Central Angle and Tangent: Divide Tan. opposite the given Central Angle by the given Tangent.

To find Deg. of Curve, having the Central Angle and External: Divide Ext. opposite the given Central Angle by the given External.

To find Nat. Tan. and Nat. Ex. Sec. for any angle by Table I.: Tan. or Ext. of twice the given angle divided by the radius of a 1° curve will be the Nat. Tan. or Nat. Ex. Sec.

EXAMPLE

Wanted a Curve with an Ext. of about 12 ft. Angle of Intersection or I. P. = 23° 20' to the R. at Station 542+72.

Ext. in Tab. I opposite 23° 20' = 120.87
 $120.87 \div 12 = 10.07$. Say a 10° Curve.

Tan. in Tab. I opp. 23° 20' = 1183.1
 $1183.1 \div 10 = 118.31$.

Correction for A. 23° 20' for a 10° Cur. = 0.16
 $118.31 + 0.16 = 118.47 = \text{corrected Tangent}$.

(If corrected Ext. is required find in same way)
 Ang. 23° 20' = 23.33° + 10 = 2.3333 = L. C.

2° 19 1/2' = def. for sta.	542	I. P. = sta.	542+72
4° 49 1/2' = " " "	+50	Tan. =	118.47
7° 19 1/2' = " " "	543	B. C. = sta.	541+53.53
9° 49 1/2' = " " "	+50	L. C. =	2.3333
11° 40' = " " "	543+	E. C. = Sta.	543+86.86

$100 - 53.53 = 46.47 \times 3' (\text{def. for 1 ft. of } 10^\circ \text{ Cur.}) = 139.41' =$
 2° 19 1/2' = def. for sta. 542.

Def. for 50 ft. = 2° 30' for a 10° Curve.

Def. for 36.86 ft. = 1° 50 1/2' for a 10° Curve.

