

CORNER RESTORATION

T145N R31W



MINING

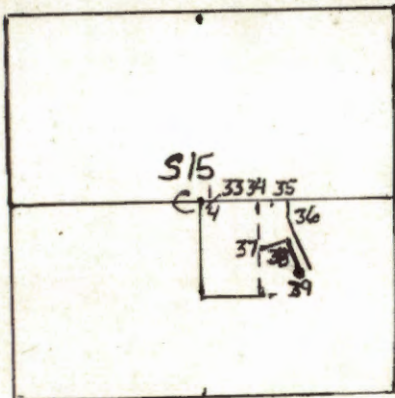
TRANSIT BOOKS

No. 384P

BOOK #1

T145N R31W

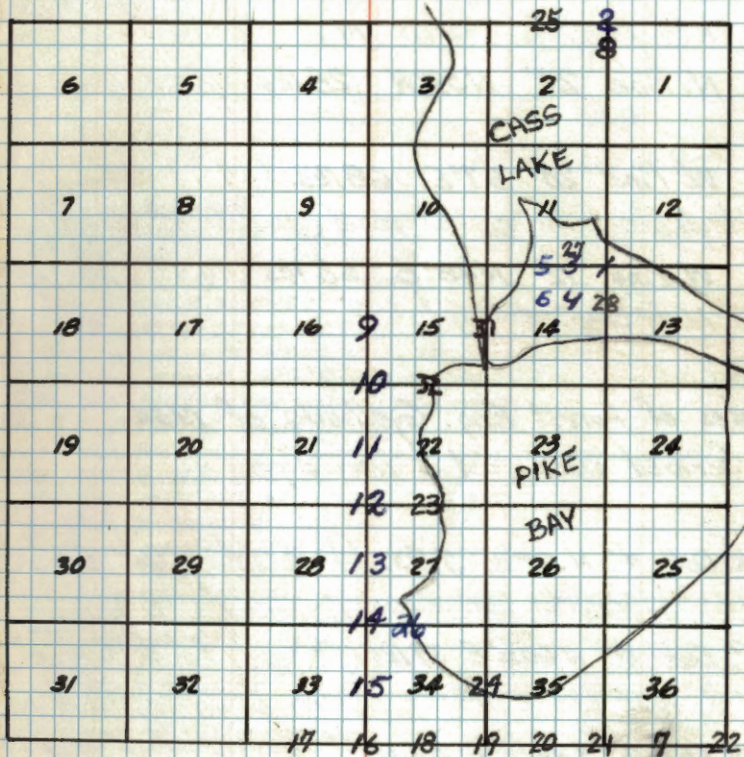




Book #1 CASS COUNTY,  
MN

CORNER INDEX  
T145N R31W

CORNER RESTORATION





J-21

J-21

Notes - Corner Secs. 11, 12, 13 &amp; 14

Notes of original Gov't. survey of 1875  
Set post

White Pine 30° S22°W 30 lks. (19.8) -

1 Fd pine stp S32°W 19.8'

N. Pine 24° N39°W 28 lks. (18.5)

W. Pine 20° S7°E 68 lks. (44.9) ✓ Fd 6.5'  
high stp with scribe marks visible at record brg

W. Pine 12° N48°E 68 lks (44.9) Fd stp

N48°E 43.0 feet

Notes of Forest Eng. Gjelhaug of 1934  
Scribed wood post & iron pipe

R. Oak 4° N55°W 7 lks. (4.6) Fd 6" Oak 5.5'

N52°W, scribe overgrown - rescribed BT

R. Oak 4° N60½°E 37 lks (24.4) - Fd 8" Oak at  
Record brg & dist scribe overgrown - rescribed BTW Oak 4° S88½°E 39 lks (25.7) - Fd 6" Oak  
at record brg & dist, scribe overgrown - rescribed BT

R Oak 4° S12°W 29½ lks (19.5) - Fd 8" Oak

at record brg & dist, scribe overgrown rescribed  
BT

Affidavit

W. Okernian  
J. E. V. Strom  
7-30-64Set a 6 inch diameter, 60 inch long  
cylindrical concrete monument capped  
with a 3 inch diameter bronze tablet  
stamped -

T145NR31W

S11 S12

S14 S13

1964

R.L.S. No 6807

NOTES BY BLM 1967

NO NEW MONUMENT WAS SET

RECORDED FOLLOWING BT'S. FOUND

OAK 9 N58°25'E 37 LKS. (24.42')

NOW 9" DEAD R. OAK N58°E 29.4' SCRIBE CLOSED

✓ OAK 8 N87°E 38 LKS. (25.08')

NOW 7 LIVING W. OAK N89°E 25.1' SCRIBE CLOSED

ORIG. PINE STUMP S4°30'E 67 LKS. (44.22')

NOW WELL ROTTED W. PINE STUMP AT S4E 44.2'

OAK 8 S9°45'W 29 LKS. (19.14')

NOW 10" R. OAK WIND FELL 30" HIGH STUB AT S14W 19.5' SCRIBE CLOSED

OAK DEAD 8 N51°16'W 9 LKS. (5.94')

NOW ROTTED STUMP HOLE AT N51W 5.9' NO TRACE OF LOG

OTHER ORIG. BT EVIDENCE

NOW W. PINE STUMP AT S33W 19.8' WELL ROTTED

NOW N. PINE STUMP AT N39W 29.4' WELL ROTTED

NOW W. PINE STUMP AT N42E 43.0' WELL ROTTED NEARLY LEVEL

5/18/87 CK

MARKED 9 NEW BT'S. MONUMENT IN GOOD CONDITION - 29" HIGH

W. PINE 20° N5E 53.15' MND T145NR31W S12 BT (SPK)

W. OAK 4 S41E 32.25' " X BT (SPK)

N. PINE 13 S6E 135.95' T145NR31W S13 BT (SPK)

N. PINE 10 S7W 100.25' T145NR31W S14 BT (SPK)

8' FG SIGN POST DUE WEST 3.35'

8' FG SIGN POST DUE NORTH 3.75'

} BOTH STICKERS

~~Notes of Forest Eng. Gjelhaug of 1934~~



2 A-21

A-21

Section Cor. Sec's 1 &amp; 2

35-36

Notes of G.L.O. resurvey of  
1933. set a  $3\frac{1}{2}$  inch dia. 3 inch  
stem embedded in a cylindrical  
concrete monument 26 inches long  
set 6 inch in ground w/ brass  
Cap stamped Found brass  
Cap cut off  $\frac{1}{2}$  still in ground

T146 NR31W

535	536
-----	-----

52	51
----	----

T145N

1933

From which bears -

Oak 8" N37°E 61 Lks - 40.26' NOW 17"

(Now a 12" Oak Scribe over grown)

Oak 8" S56°E 54 Lks - 35.64' ←

(Now a Oak snag) IN PLINE CLEARING

Oak 6" S49°W 42 Lks - 27.72' NOW 15' SNAG

(Now a 8" Oak Scribe over grown)

Affidavit

To perpetuate This Corner I  
Set a 5' long 2" in side dia  
steel pipe w/a 3" dia bronze  
Tablet stamped

T146 NR31W

535	536
-----	-----

52	51
----	----

T145N

1965

RLS NO 6407

From which bears

Oak 6" S16°E 24.9' Scribed 51BT ✓

IN PLINE CLEARING

W. Oak 13" S75°W 53.2' Scribed 52BT ✓

NOW 20" @ BRG AND DIST

W. Oak 13" N19°W 36.2' Scribed 53BT ✓

NOW 17" @ BRG AND DIST

Oak 9" N55°E 28.9' Scribed 536BT ✓

IN ROAD CLEARING

10-14-65

James Esterson

4-1-04 R. MAIN A. FOOL  
FELT IRON IN PLACE AND GPS ± 15 FT SOUTH OF  
WDS ROAD ± 50 FT NORTH OF POWER LINE.

A33 W OAK N37E 40.26 FT NOW 17"

Also see MN NF form from 1924

Also see Plat of Ah Nung Point in 1918

Also see 874, 2-21, T146 NR31W 1935

and CCC Bk # 104 pg. 73

" " " #27 pg. 72



3 J-20

J-20

E $\frac{1}{4}$  Con. Sec's 11 E 14

Notes of Gjelhaug in 1934.

N. Pine 12" 536°E 14.52' (Now a 15"

N. Pine with scribe #1  $\frac{1}{4}$  visible  
536°E 14.52')

to perpetuate this corner I set  
a 2" inside dia 5' long galvanized  
steel pipe filled w/ concrete &  
capped w/ a 3" dia bronze tablet  
stamped.

T145N R31W

E $\frac{1}{4}$  S 11

6° Dec.

S 14

1966

B.L.S. NO. 6807

Note - See tetry survey book for additional info

Affidavit

"New BT's"

Oak 6" 587°E 4.1' scribed E $\frac{1}{4}$  BTW Pine 19" 522°E 22.9' scribed E $\frac{1}{4}$  S14BT

4" x 4" x 5' long Red Top Cedar  
post w/ scribe 54-21' 54-4'  
attached due south 6.5'

8-2-66

James Epstam

This corner monument obliterated  
by B.L.M.

NOTE: SEE PAGE 27 THIS BOOK FOR ADDITIONAL  
INFORMATION ON THIS CORNER

(ABOVE OAK) IS R. OAK 7" N84E 4.0' FROM BLM MONUMENT  
(SCAR FACING SW) CLOSED

N. PINE 536E IS GJELHAUGS  
W. PINE 522E IS BLM (NOW)

*Epstam*



4 K-20

K-20

NE  $\frac{1}{16}$  S 14

Notes of Gjelhaug in 1934

J Pine 5" N28°E 21.0' (Now a  
10" J. Pine N28°E 21.0' Scribe  
Marks visible)

To perpetuate this Corner, I  
set a 6" dia 2' long Cylindrical  
Concrete Monument, Capped w/a  
3" dia bronze tablet stamp  
& set flush w/ground.

6° Dec.

T145N R31W

NE  $\frac{1}{16}$  S 14

1966

R.L.S. NO 6807

"New B.T.'s"

J. Pine 12" N45°E 22.7

J. Pine 11" N74°E 30.6

4" x 4" x 5' long red Top Cedar Post  
w/signs 54-2 & 54-4 attached due North 10.7  
2-2-66 James Ekstrom

Attadavit

This monument obliterated  
by B.L.M. contrary to  
their official notes.

NOTE: ADDITIONAL INFORMATION FOR THIS CORNER  
ON PAGE 29 THIS BOOK



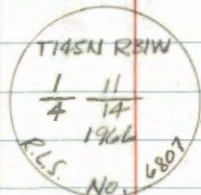
5 J-19

J-19

1/4 Sec Corner between Sec's 11 &amp; 14

This corner was set by rules taken from the 1948 B.L.M. Manual - Solar bearings were first established & lines run from Sec corner to East. Also taken into account were surveys made by Gjelhaug in 1934 & and Minn. Hwy. Dept. about 1941. All evidence of these surveys have been destroyed or lost.

Set a 2" diameter, 60" long galvanized pipe filled with concrete and capped with a 3" diameter bronze tablet stamped ~



New B.T.'s

Ash 11" N 8° W 65.95 feet Not scribed

Elm 8" N 62° E 29.72 " " "

Ash 9" S 12° E 43.32 feet " "

N.E. corner fishermaning building S 37° W

46.45 feet

Cedar post 4" x 4" x 60" with red top &amp; signs

54-2 &amp; 54-4 attached due South 10.9 feet

W. J. Okerman  
1-29-66

Affadavit

Okerman  
Ekstrom  
Hansen

This corner removed See page 6

See corner card of 3/21/61 by Hayes



6 K-19

K-19

Center North  $\frac{1}{16}$  Corner Section 14  
 Notes of Forest Engineer Gjelhaug 1937  
 Set  $\frac{3}{4}$ " x 20" i.p. - Fd. in place

Set a 2" inside diameter 60" long galvanized pipe filled with concrete and capped with a 3" bronze tablet stamped:



New B.T.'s:

R. Oak 8"  $S34^{\circ}W$  50.0 feet scribed CN  $\frac{1}{16}$  BT  
 Ash 7"  $N63^{\circ}W$  37.3 feet scribed CN  $\frac{1}{16}$  514 BT  
 Tw. R. Oak 6"  $S36^{\circ}E$  28.9 feet scribed CN  $\frac{1}{16}$  BT  
 Cedar Post 4x4x60 with signs  $S42^{\circ}E$  &  $S44^{\circ}E$   
 attached due North 8.2 feet

W.D. Ekstrom  
 1-29-66

Affidavit

Okerman  
 Ekstrom  
 Hanson

Note: This corner removed by  
 F.S. orders - B.L.M. corner  
 determined to be more proper  
 than evidence

W.D.

NOTES ADDITIONAL INFORMATION ON THIS CORNER  
 ON PAGE 30 THIS BOOK



7 Z-23

2-23

## South Quarter Cor. Sec. 36

Notes of Original Gov't survey of 1875  
set post.

From which:

Norway Pine 30" N50°W 291ks. (19.14')

Found stump & blaze where Bt. was scribed at brg. id.

Norway Pine 30" N8°E 151ks. (99.66')

Found stump at bearing & dist., has been hit  
by dozer blade

Found G.L.O. Brass cap marked: 1" x 36"

S.C.

1/4 S 36

MKD NEW BT'S. 1930

1930

N. PINE 17 N86°30'E 73 LKS.

J. PINE 17 N72°45'W 153 LKS.

7/7/09  
WJ Schlueter

1964 C. SCHLUTER

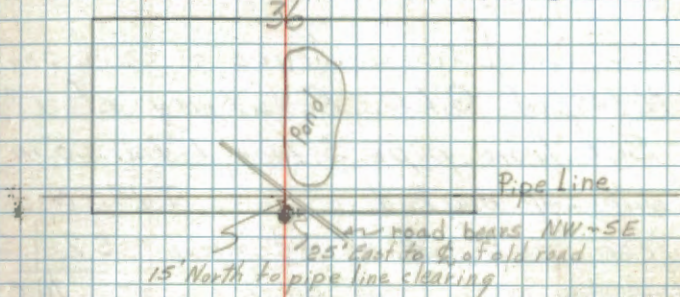
FD BRASS CAP AND STUMP OF J. PINE BT

Aff. clau. T

05-12-2009 R MAIN

FD IRON IN PLACE AND GPS. Add ONE NEW  
BT AND 8 FT STEEL SIGN POST ~~ON~~ SOUTH  
DIST TO FACE OF POST

R PINE 11" N86°E 71.80 FT TO SPK MKD. S 36 BT



to perpetuate this corner I scribed  
three bearing trees as follows:

9" Norway Pine N73°W 78.5' scribed 1/4 S 36 BT  
NOW 18" 5-12-09

9' Jack Pine N85°W 170.85' scribed 1/4 S 36 BT  
NO EVIDENCE

6" Red Oak N112°E 109.05' scribed BT  
NOW 15' TAIL SNAG 5-12-09  
4 X 4 Red top Cedar Post 3.65' South with  
4 X 4 IS GONE  
FD sign 54-4 attached.



8 A, B-21 A, B-21 Aff. dau. T 9/8/78

Meander Corner Bet. Secs. 1 & 2

Notes of Original Govt. Survey 1875

Set post

White Pine 12" N44°W 77 lks. 50.8'

White Oak 7" N45°E 52 lks. 34.3'

G.L.O. Found no evidence of Orig. post or Bt's.

Notes of G.L.O. Resurvey of 1933

Set Iron pipe 3' long 1" dia. 30" in ground with cap marked. T145N R31W

Iron cap not found

S2 | S1

probable pushed out by ice

M.C.

1933

From which

White Oak 9" N32 3/4°E 27 lks. (17.8')

Now a 7" White Oak at brg. 1/2 dist. w/ scribe Bt. 8" <sup>NOW</sup>

Burr Oak 11" N33 1/2°W 196 lks. (129.4')

Now a 13" Burr Oak at brg. 1/2 dist. w/ scribe T145N R31W <sup>NO EVIDENCE</sup>

Corner falls on sandy bank 2 1/2 ft. high <sup>52 Bt.</sup>

4-1-04 R. MAIN A. FOOL

Fd CONCRETE MONUMENT OUT AND LYING NEXT TO PVT HOUSE. BROUGHT BACK TO CASS LAKE. GPS POSITION.

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

T145N R31W

S2 | S1

M.C.

1971

R.L.S. NO. 6807

Witnessed by.

6" Norway Pine N44°E 81.7 ft. nail in side (SE)

<sup>NOW 15" 4-1-04</sup>

7" Elm N19°W 43.7 ft. scribed M.C. S2 Bt.

<sup>NO EVIDENCE</sup>

72" steel sign post set 1' North of corner with F.S. sign 54-4 attached  
SIGN POST IS GONE

6-3-71

Curtis F. Krause

Also see MN NF Form from 1924  
Also see Plat of Ah Nung Point 1918

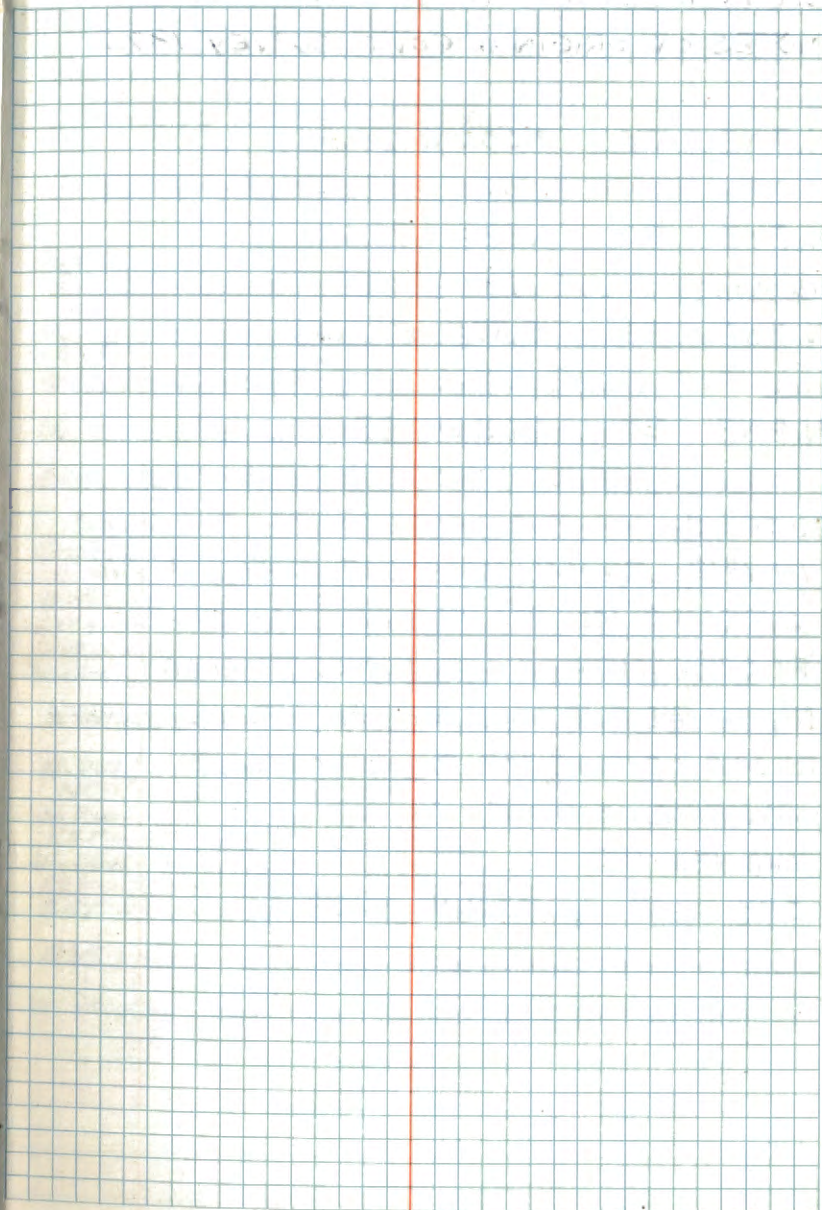


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QUARTER CORNER BET. SEC'S. 15-16  
NOTES OF ORIGINAL GOVT. SURVEY 1875  
SET WOOD POST

J. PINE 10 N 60 E 12 LKS.

J. PINE 12 S 76 W 30 LKS.





## SECTION CORNER TO SECTIONS 15-16-21-22

NOTES OF ORIGINAL GOV'T. SURVEY 1875

N. PINE 26 N55½W 120 LKS.

NO EVIDENCE REMAINS AT BRG. &amp; DISTANCE

N. PINE 20 N33E 98 LKS.

NOW PINE STUMP N33E 69.7' NO SCRIBE 1973

N. PINE 22 S59E 212 LKS.

NOW PINE STUMP S59E 140.0' SCRIBE VISIBLE 1973

N. PINE 20 S63W 85 LKS.

NO EVIDENCE REMAINS AT BRG &amp; DISTANCE

NOTES BY JOHN CURO CASS COUNTY SURVEYOR

IN 1912 BOOK A PAGE 529 SURVEY # 216

SET 1" X 5' IRON ROD FLUSH WITH GROUND

FD. ORIG. NW PINE STP. PLAINLY MARKED

FD. ORIG. NE PINE STANDING GREEN PLAINLY MARKED

FD. ORIG. SE PINE STP. PLAINLY MARKED

SW PINE IS GONE.

MKD NEW BT

OAK 2 S52W 71.93'

NOTES BY J. A. GJELHAUG ENG. 1935  
FD STUMPS OF 3 ORIG. PINE STUMPS WITH SCRIBE  
MKD NEW BT'S.

J. PINE 10 S37E 89 LKS. = 58.7'

J. PINE 8 N80E 72¾ LKS. = 48.0'

8-9-73 CK

FD. 20" PINE STP. N33E 69.7' NO MARKS VISIBLE

FD. 24 PINE STP. S59E 140.0' MOST SCRIBE VISIBLE

FD. J. PINE 15 N80°E 48.0' SCRIBE OPEN

FD. J. PINE 18 S37E 58.7' SCRIBE OPEN

SET SPIKE AT SEC. COR. 7" BELOW ROAD SURFACE

5-14-81 CK-6B

MARKED NEW TIES FOR SEC. COR.  
CITY OF CASS LAKE PLANS SEWER PROJECT ALONG  
ROAD WHICH WILL REMOVE CORNERS & MAY DESTROY  
SOME BT'S. ON EAST SIDE OF ROAD AS OF NOW

N. PINE 10 S56E 97.57' TAG &amp; SPIKE AT BASE

N. PINE 10 S81E 89.38' " " "

NOW 15" @ BRG &amp; DIST " " "

N. PINE 12 N63E 84.70' " " "

REMOVED BY APT COMPLEX " " "

W. OAK 14 N16E 142.08' " " "

REMOVED BY APARTMENT COMPLEX " " "

SET PK NAIL IN BLACKTOP AT CORNER POSITION

1935 J. PINE TO SE HAS BEEN MARKED TO BE CUT 1982

NO IRON ROD OR PIPE WAS LOCATED AT CORNER NOW



11

QUARTER BET. SEC'S, 21-22

NOTES OF ORIGINAL GOVT. SURVEY 1875

SET WOOD POST

J. PINE 10 N64W 29 LKS.

J. PINE 6 N61E 30 LKS.

NOTES BY JOHN CURO CASS COUNTY SURVEYOR

1912 BOOK A PAGE 529 SURVEY # 216

FD. NE ORIG. BT STANDING PLAINLY MKD.

FD. NW ORIG. PINE STP. PLAINLY MKD.

SET 3X3X36 OLD MKD. STAKE

MKD. NEW BT'S.

BIRCH 6 S83W 57.90'

J. PINE 12 S44E 57.50'

5-14-81 GK & GB

CHAINED TO THIS LOCATION FROM SEC. COR. TO NORTH

NO IRON OR POST FOUND - NO BEARING TREE EVIDENCE

REMAINS OF ANY ABOVE BT'S.

CORNER IS LOST IN ROAD CONSTRUCTION & POWERLINE

CLEARING TO WEST OF CORNER N & S ALONG ROAD



## SECTION CORNER TO SECTIONS 21-22-27-28

## NOTES OF ORIGINAL GOV'T. SURVEY 1875

SET WOOD POST

J. PINE 6 S3½E 196 LKS.

J. PINE 8 S4W 190 LKS.

J. PINE 4 N52W 78 LKS.

J. PINE 8 N49½E 370 LKS.

## NOTES BY JOHN CURO CASS COUNTY SURVEYOR

1913 BOOK A PAGE SURVEY # 237

FD. ORIG. PINE STANDING GREEN SE + SW BT'S.

NE + NW BT'S. ARE GONE

SET 2½" DIA. X 48" LONG GALVANIZED IRON PIPE

WITH CAP MKD. WITH SECTION NUMBERS

CORRECTED ORIG. BT'S. STAND AS FOLLOWS

J. PINE 8 S5W 125.4' IN ROAD CLEARING

J. PINE 6 S3½E 130.93' IN ROAD CLEARING

MKD NEW BT'S.

J. PINE 8 N32°56'W 49.05' NAIL HEAD AT BASE

J. PINE 8 N65°08'E 80.54' " " " "

NOW 12" J. PINE STR. N65E 80.54' BASE BLAZE WITH NAIL IN FACE

## NOTES BY JA. GJELHAUG 1935

MKD. NEW BT

J. PINE 8 S85E 65½ LKS. = 43.2'

NO EVIDENCE OF STR AT BRG &amp; DIST.

1962 R.H. McDONALD

FD. 2" DIA GAL. IRON PIPE WITH CAP MKD. LOWER 6" AS  
TOP OF IRON WAS EXPOSED BY EROSION

MKD. NEW BT'S.

N. PINE 5 N55E 43.6' MKD S22 BT

N. PINE 7 S68½E 34.8' MKD S27 BT

CEDAR POST EAST 35.0' WITH 54-4

POST WILL BE REMOVED IN CONSTRUCTION

5-14-81 CK-6B

FD. 2½ X 48" IRON PIPE WITH CAP MKD. 4" BELOW ROAD  
FD. BT'S. 1962 AS FOLLOWS

N. PINE 11 S69E 34.8'

BOTH OF THESE TREES

N. PINE 8 N55E 43.6'

ARE MARK TO BE CUT  
1982

5-14-81

MKD. NEW BT'S. CK-6B

N. PINE 10 N30E 106.47' TAG &amp; SPIKE INSIDE

N. PINE 19 N52E 70.03' " " "

N. PINE 14 S83E 112.25' " " "

N. PINE 10 S50E 94.78' " " "



13

QUARTER CORNER BET. SECS. 27-28  
NOTES OF ORIGINAL GOVT. SURVEY 1875  
SET WOOD POST

TAM. 6 S44E 8 LKS.

TAM. 6 S72W 14 LKS.

NOTES BY JOHN CURO CASS COUNTY SURVEYOR  
1913 BOOK A PAGE SURVEY # 237

NO EVIDENCE REMAINS

BT'S. REMOVED BY ROAD CONSTRUCTION

E+W IN SWAMP

NO NEW CORNER ESTABLISHED BY CURO

WE DIDN'T CHAIN TO THIS CORNER AS THERE WAS  
NO EVIDENCE TO SEARCH FOR 5-14-81 CK-GB



14

SECTION CORNER TO SECTIONS 27-28-33-34

NOTES OF ORIGINAL GOVT. SURVEY 1875

SET WOOD POST

J. PINE 4 S71W 68 LKS.

NO EVIDENCE REMAINS - IN PLANTATION

J. PINE 10 S29E 99 LKS.

NO EVIDENCE REMAINS - IN ROAD CLEARING

J. PINE 10 N88E 57 LKS.

NO EVIDENCE REMAINS - IN ROAD CLEARING

J. PINE 5 N80W 13 LKS.

NO EVIDENCE REMAINS - IN CLEARING

NOTES BY JOHN CROO CASS COUNTY SURVEYOR

1913 BOOK A PAGE 611 SURVEY # 237

FOUND EVIDENCE OF ALL FOUR ORIG. BT'S.

SET 2 1/2" DIA. X 48" LONG GALVANIZED IRON PIPE  
WITH CAP MKD. WITH SECTIONS

MKD. NEW BT'S.

J. PINE 10 S47°30'W 54.50'

NOW PINE PLANTATION - NO EVIDENCE REMAINS

J. PINE 5 S40°10'E 64.72'

NOW 13" J. PINE STUB 5' HIGH WITH TWO FLAT BLAZES  
FACING CORNER S40E 64.7' NO SCRIBE VISIBLE

5-14-81 CK-6B

FOUND 2 1/2" X 48" IRON PIPE IN PLACE - CAP HAS BEEN  
SHEARD OFF - SOME THREADS REMAIN - DROVE IRON DOWN  
WITH MAUL SO IRON IS 6" BELOW ROAD SURFACE  
CORNER IS IN CENTER OF ROAD N & S AND ROAD WEST AND  
OLD TRAIL TO EAST IS 15' NORTH OF CORNER

MKD. NEW BT'S.

N. PINE 17 S70E 77.68' SPIKE ON SIDE AND TAGGED

N. PINE 17 S36E 100.55' " " " "

J. PINE 8 N57E 84.80' " " " "

N. PINE 8 N34E 83.93' " " " "



15 x-13

QUARTER CORNER BET. SEC'S. 33-34

NOTES OF ORIGINAL GOVT. SURVEY 1875

SET WOOD POST

R. OAK 8 S77½W 28 LKS.

IN CLEARING

IRONWOOD 4 S86E 20 LKS.

IN ROAD

NOTES BY JOHN GURD CASS COUNTY SURVEYOR

1913 BOOK A PAGE 611 SURVEY # 237

FD. SW RED OAK STANDING - GREEN - PLAINLY MKD.

FD. ROOTS OF SE BT. (IRONWOOD)

SET 2½" X 48" IRON PIPE WITH CAP

MKD. NEW BT'S.

ELM 10 S43°49'W 63.73 NAIL HEAD AT BASE

IN POWERLINE CLEARING

W. PINE 30 N86°14'E 89.26' NAIL HEAD AT BASE

NOW WELL ROTTED PINE STP. NEARLY LEVEL WITH GROUND

TREE WAS CUT OFF BELOW BLAZE AND NAIL AT EAST 89.3'

5-14-81 CK-68

FD. 2½" X 48" IRON PIPE WITH PIPE CAP IN PLACE  
6" BELOW ROAD SURFACE

IN CENTER OF ROAD N+S - OLD FENCE LINE MOSTLY  
DOWN EAST OF CORNER - WIFE GROWN INTO 14" R. OAK  
EAST OF CORNER S+E  
APPROX. 300' SOUTH OF PIPELINE E+W

MKD NEW BT'S.

R. OAK 11 N65E 69.60' NAIL ON SIDE + TAGGED

R. OAK 10 N31E 135.25' " " "

W. OAK 10 S50E 112.05' " " "



16 2-13

STANDARD SECTION CORNER BET. SEC'S. 33-34

NOTES OF ORIG GOV'T. SURVEY 1871

SET WOOD POST

f BURROAK 10 N1E 125 LKS.

ii Y. PINE 16 N58E 50 LKS.

NOTES BY JOHN CURO CASS COUNTY SURVEYOR

1913 BOOK A PAGE 611 SURVEY # 237

SET BY GOV'T. MEASUREMENT BETWEEN

1/4 COR'S. E & W

ORIG. BT'S. DESTROYED IN CONSTRUCTION  
OF ROAD E & W STATED BY GLO RESURVEY  
1930

NOTES OF GLO RESURVEY 1930

FOUND CURO'S. IRON PIPE AT INTERSECTION  
OF ROADS N-E & W - AGREE WITH POSITION

NO GLO IRON WAS SET

MKD NEW BT

N. PINE 25 N69°45'W 83 LKS. 54.8'

FALLS UNDER POWERLINE CLEARING

NO OTHER BT'S. AVAILABLE

5-14-81 CK-6B

FD 2 1/2" X 48" IRON PIPE WITH CAP IN PLACE - BUT  
BENT AND SPLIT - IRON WAS REMOVED AND  
WENT TO SHOP AND STRAIGHTEN IRON AND WELDED  
SPLITS IN PIPE THEN RESET IRON 1 FT BELOW  
ROAD SURFACE - ROCK WERE PLACED AROUND  
AND AROUND IRON IN BACKFILL  
COUNTY ROAD E-W AND TOWNSHIP ROAD N

MKD NEW TIES

W.OAK 8 N59W 123.60 NAIL ON SIDE & TAGGED

W.OAK 7 N41W 147.70' " " "

W.OAK 6 N21W 161.07' " " "

FSLP ON TELEPHONE POLE N45W - 51.46'



17

STANDARD QUARTER CORNERS TO SECTION 33

SECTION 33 TO SECTION 34



18

STANDARD QUARTER CORNER TO SECTION 34

NOTES OF ORIG. GOV'T. SURVEY 1871

SET WOOD POST

W. PINE 24 N65E 16 LKS.

BLK. ASH 7 N20W 29 LKS.

NOTES OF GLO RESURVEY 1930

FD. CORNER MKD. BY CASS COUNTY GALV. 2" IRON  
PIPE 14" ABOVE GRO. MKD.

SEC 34

1/4

REMAINS OF ORIG. BT.

W. PINE STUMP 20 N65E 16 LKS. BADLY BURNED

MKD. NEW BT'S.

POPLAR 4 N58°45'E 46 LKS.

POPLAR 5 N30W 71 LKS.

N89°28'W - 8.83 CHS. TO G.C. BET SEC'S. 3+4



19

STANDARD SECTION CORNER BET. SEC'S. 34-35

NOTES OF ORIG. GOV'T. SURVEY 1871

SET WOOD POST

Y. PINE 14 N53E 116 LKS.

Y. PINE 20 N5W 166 LKS.

NOTES OF GLO RESURVEY 1930

FD. CORNER MKD. BY 2" DIA. GALV. IRON PIPE 4" ABOVE

GROUND WITH CAP MKD

$$\begin{array}{r} 34 | 35 \\ \hline 145-31 \end{array}$$

PINE STAKE 4X4X20 SET LOOSLY ALONGSIDE IRON

REMAINS OF ORIG. BT'S.

N. PINE STUMP 10 N54E 116 LKS. BADLY BURNED

N. PINE STUMP 20 N4°30'W 166 LKS. BADLY BURNED

MKD. NEW BT.

N. PINE 10 N56°45'W 62 LKS.

NO OTHER BT AVAILABLE

N89°45'W 890 CHS. TO N<sup>1</sup>/<sub>4</sub> SEC. 3



STANDARD QUARTER CORNER TO SECTION 35

NOTES OF GLO RESURVEY 1930

PROPORTIONAL DISTANCE

SET 1" X 36" IRON POST WITH BRASS CAP MKD

$$\frac{1}{4} \frac{SC}{535}$$

MKD. NEW BT'S.

1930

 N. PINE 10 N38E 17 LKS. 11.22  
 NOW 22' @ BRG AND DIST

 N. PINE 20 N53°30'W 92 LKS. 60.72  
 REMAINS OF STUMP

05-14-2009 REMAIN

 FJ IRON IN PLACE AND GAS. IRON ON  
 TOP OF CUT SLOPE ± 25 FT NORTH OF ♀  
 PIKE BAY LOOP ROAD. IRON IS 1 FT UNDER  
 GROUND. MARK ONE NEW BT.

R PINE 21" N80°W 18.50 FT TO SPK MKD. 535 BT

8 FT STEEL SIGN POST 0.20 FT NORTH



21

STANDARD SECTION CORNER BET. SEC'S. 35-36

NOTES OF GLO RESURVEY 1930

SET 6" X 24" CONCRETE CYLINDER WITH BRASS  
CAP MKD.

SC  
T145N R31W  
S35/S36

1930

REMAINS OF ORIG. BT'S.

N. PINE STUMP 25 N 73°45' E 213 LKS. SHOW OLD  
BLAZE BADLY BURNED

N. PINE 30 N 23 W. 97 LKS. SHOWS OLD BLAZE  
BADLY BURNED REMARK TREE T145N R31W S35 SC BT

MKD. NEW BT

N. PINE 16 N 47 E 93 LKS.

5-11-09 R. MAEN

FD MONUMENT IN PLACE AND GAS. CORNER  
IS 150 FT NORTH OF PIPE LINE CLEARING  
IN OLD PIKE BAY LOOP FIRE AREA. WITNESS.

R PINE 24" N 70° W 67.60 FT TO SPK MKD S35 BT

8 FT STEEL SIGN POST 0.25 NORTH.



STANDARD SECTION CORNER TO SEC'S. 31-36

NOTES OF GLO RESURVEY 1930

SET 6" DIA. X 24" LONG CONCRETE CYLINDER

WITH BRASS CAP MARKED

Fd. CONCRETE MONUMENT

FLUSH WITH GROUND - IN PLACE

4X4X5' CEDAR POST 2' NE OF COR. 1930

FROM EVIDENCE OF ORIGINAL BT'S.

FALLEN NORWAY PINE 26 N20E 53LKS.

OLD BLAZE PLAIN - SCRIBE BURNED AWAY

NO EVIDENCE REMAINS ABOVE SNOW AT BRG + DIST.

NORWAY PINE ROTTED AND FALLEN N46W 87LKS.

ALL MARKS ROTTED AWAY

NO EVIDENCE REMAINS AT BRG. + DIST.

MKD. NEW BT'S. 1930

NORWAY PINE 14 N12E 334LKS. 220.4'

NOW 24 N. PINE N12E 220.4' SCRIBE CLOSED

JACK PINE 4 N31 $\frac{1}{2}$ W 303LKS. 200.0'

Fd. J. PINE STUMP N31W-200'0 WITH SCRIBE BT VISIBLE

MKD NEW BT'S. 11-23-83 CK-GB

N. PINE 11 N54W 64.13' T145NR31W5365CBT

N. PINE 11 N123W 96.40' " " "536" "

N. PINE 15 N39E 39.08' " " S31 " "

N. PINE 15 N70E 58.70' " " S31 " "

LINE BRUSHED OPEN BETWEEN N $\frac{1}{4}$  SEC. 1 TOWNSHIP  
BELOW AND THIS COR.

05-13-2009 P. MAIN

Fd IRON IN PLACE AND GPS. ALL 1983 BT'S  
ARE OK.



23

QUARTER CORNER BETWEEN SECTION 22-27

NOTES OF ORIG, GOV'T, SURVEY 1875

SET WOOD POST. FD. OAK POST LYING

ON GROUND - POST BY J.A. GJELHAUG

N. PINE 6 N19W 20 LKS. 13.2'

NOW 18 N. PINE N19W 13.2' SCRIBE CLOSED

N. PINE 16 S31W 7 LKS. 4.6'

NOW FALLEN PINE, ROTTING

NOTES BY J.A. GJELHAUG ENG. &amp; SURVEYOR

2-8-34

FOUND ORIG. POST UNDER SW BT WHICH HAD  
FALLEN OVER POST - SET NEW OAK POST 3"x3"x4'

N. PINE 18 S31W 7 LKS. OR 4.6' FALLEN DOWN

LYING ON GROUND 1973

N. PINE 10 N19W 20 LKS. = 13.2' STANDING LIVE

NOW 18 N. PINE 1973

MKD NEW BT'S.

N. PINE 10 N72W 41 LKS. 27.1'

NOW 17 N. PINE N72W 27.1' SCRIBE CLOSED

J. PINE 6 S80W 54 LKS. 35.6'

NOW 13 J. PINE S80W 35.6' SCRIBE VISIBLE

8-10-73 CK

FD. ORIG. N. PINE 18 N19W 13.2' WITH OLD FSLP  
SCRIBE CLOSED - IN GOOD CONDITIONCORNER IS APPROX. 90' NIZE FROM NE COR.  
OF BYER'S SUMMER HOME ON WEST PINE BAY



24

MEANDER CORNER BET. SEC'S. 34+35

NOTES OF ORIG. GOVT. SURVEY 1875

SET WOOD POST AT 37.30 chas. North of  
Sec. Corner.

N. PINE 14 S43E 23 LKS. 15.2'

N. PINE 14 S43W 41 LKS. 27.1'

Orig. Notes call: A sand bluff at 37.00 chs.

NOTES BY J. A. GJELHAUG ENG. USFS 12-11-33  
FD. ORIG. PINE STP 16" S43W 41 LKS. MKD T745NR31W MCS34 BTSET 3" X 48" OAK POST MKD MC  
MKD NEW BT'S  
J. PINE 9 S46W 56 LKS (37.0) MKD MCS34 BT  
J. PINE 8 S36E 79 LKS (32.1) " MCS35 BT



QUARTER CORNER BETWEEN SECTIONS 2-35  
ON NORTH TOWNSHIP LINE

NOTES OF GLO RESURVEY 1933

PROPORTIONAL MEASUREMENT-NO ORIG. EVIDENCE  
REMAINS

SET 1" X 3/8" IRON POST WITH BRASS CAP MKD.

$\frac{1}{4}$   $\frac{535}{52}$   
1933

N. PINE 16 S30 $\frac{1}{2}$ W 23 LKS.

N. PINE 15 N26 $\frac{1}{2}$ W 22 LKS.

SQUARED PINE STAKE 4 X 4 X 20 ABOVE GROUND  
MKD.  $\frac{1}{4}$  52-535 ALONGSIDE IRON



MEANDER CORNER BET. SECS 27 & 34

NOTES OF ORIG. GOVT. SURVEY OF 1875

SET AN M.C. AT 31.00 CHS. ~~East~~ of Sec. Cor.

WILLOW 4" S  $41^{\circ}$  W 4 lks

B. ASH 6" S  $16^{\circ}$  W 18 lks

Orig calls going East from <sup>20127</sup> 30134.9  
 8.75 chs. - Red Lake Main Rd bears N. W.  
 20.00 chs - enter Twp. Swamp  
 31.00 chs - Lake - set M.C.



27

EAST  $\frac{1}{16}$  BETWEEN SECTIONS 11 & 14

NOTES OF BLM RESURVEY 1967

SET IRON POST  $2\frac{1}{2}$ " X 30" LONG WITH BRASS CAP MHP.

5/5/87 CK

T145N R31W

FD, BLM IRON &amp; CAP IN PLACE

E  $\frac{1}{16}$   $\frac{S11}{S14}$ 

4" ABOVE GROUND - 10' W OF SUMMER HOME

ROAD NW-SE, AND  $\pm 100$  SOUTH OF PIPELINE 1967

WITNESSED BY

PINE 15 S35°35'E 23 LKS. = 15.18'

NOW 18" N. PINE S36E 15.18' SCRIBE OVERGROWN

PINE 14 S20°15'E 35 LKS. = 23.10'

NOW 22" W. PINE S20E 23.10' SCRIBE VISIBLE

PINE 14 N42°05'W 89 LKS. = 58.74'

NOW 16" N. PINE N44W - 58.74' SCRIBE VISIBLE

8' FGSP IS 2.55' EAST

8' FGSP IS 3.65' SOUTH

7-10-01 R. MAIN

ADD BT

WOAK 5" N67W 29.00 FT TO SPK MKD X BT

13.7' SOUTH OF TELEPHONE PED. # 310



28

NORTH 1/16 BETWEEN SECTIONS 13+14

NOTES OF BLM RESURVEY 1967

SET IRON POST 2 1/2" X 30" LONG WITH BRASS CAP MKD.

FD. IRON &amp; CAP IN PLACE T145NR31W

3" ABOVE GROUND - IN N. PINE N/16

PLANTATION NORTH OF HWY. #2 S14 S13

1967

WITNESSED BY

PINE 8 S56° E 43 LKS. = 28.38'  
NOW 8" N. PINE S56° E 22.4' SCRIBE VISIBLE  
NOT FLAT BLAZEDPINE 8 S55° W 31 LKS. = 20.46'  
NOW 9" N. PINE S55° W 20.5' SCRIBE VISIBLE  
NOT FLAT BLAZED

5/8/87 CK MARKED NEW BT

N. PINE 11 N66E 21.37' MKD. N/16 S13 BT

8' FG. SIGN POST DUE NORTH } 3.6'  
8' FG. SIGN POST DUE SOUTH } 3.9'  
WARNING SIGN



SEE PAGE 4

29

NORTH EAST 1/16 IN SECTION 14

NOTES OF BLM RESURVEY 1967

SET IRON POST 2 1/2" X 30" LONG WITH BRASS CAP MKD.

FDL IRON CAP IN PLACE T145N R31W

FLUSH WITH GROUND - ON NE 1/16

BACK SLOPE OF HWY #2 CLEARING S14

AND 40' SOUTH OF GRASS SLOUGH 1967.

WITNESSED BY

PINE 9 N14°21'E 27 LKS. = 17.82'

NOW 10" J. PINE N12E 17.65' OLD SCRIBE VISIBLE (LIVING)

PINE 8 NS0°03'E 74 LKS. = 48.84'

NOW 9" N. PINE N49E 48.37' SCRIBE VISIBLE  
NOT FLAT BLAZED

5/8/87 CK MARKED NEW BT.

N. PINE 16 NB5E 94.70' MKD NE 1/16 S14 BT (SPK)

4X4X6' RED TOP CEDAR POST DUE NORTH 19.48' BOTH SIGNS

" " " " " DUE WEST 16.07' " "



CENTER NORTH 1/16 IN SECTION 14  
 NOTES OF BLM RESURVEY 1967

SET IRON POST 2 1/2" X 30" LONG WITH BRASS CAP MKD.

5/8/87 CK

TMSNR31W

FD, IRON CAP IN PLACE

4" ABOVE GROUND - IN BRUSH - BIRCH

OAK + ASPEN - APPROX. 80' SOUTH OF HWY #2.

1967

WITNESSED BY

OAK 6 S51°20'E 28 LKS. = 18.48'

NOW 7" R. OAK S51E 18.50' SCRIBE OVERGROWN GOOD SHAPE

OAK 8 S44°21'W 65 LKS. = 42.90'

NOW 11" R. OAK S44W 42.90' SCRIBE OVERGROWN FAIR SHAPE

OAK 7 N53°05'W 69 LKS. = 45.54'

NOW 8" ASH N53W 45.5' SCRIBE OVERGROWN GOOD SHAPE

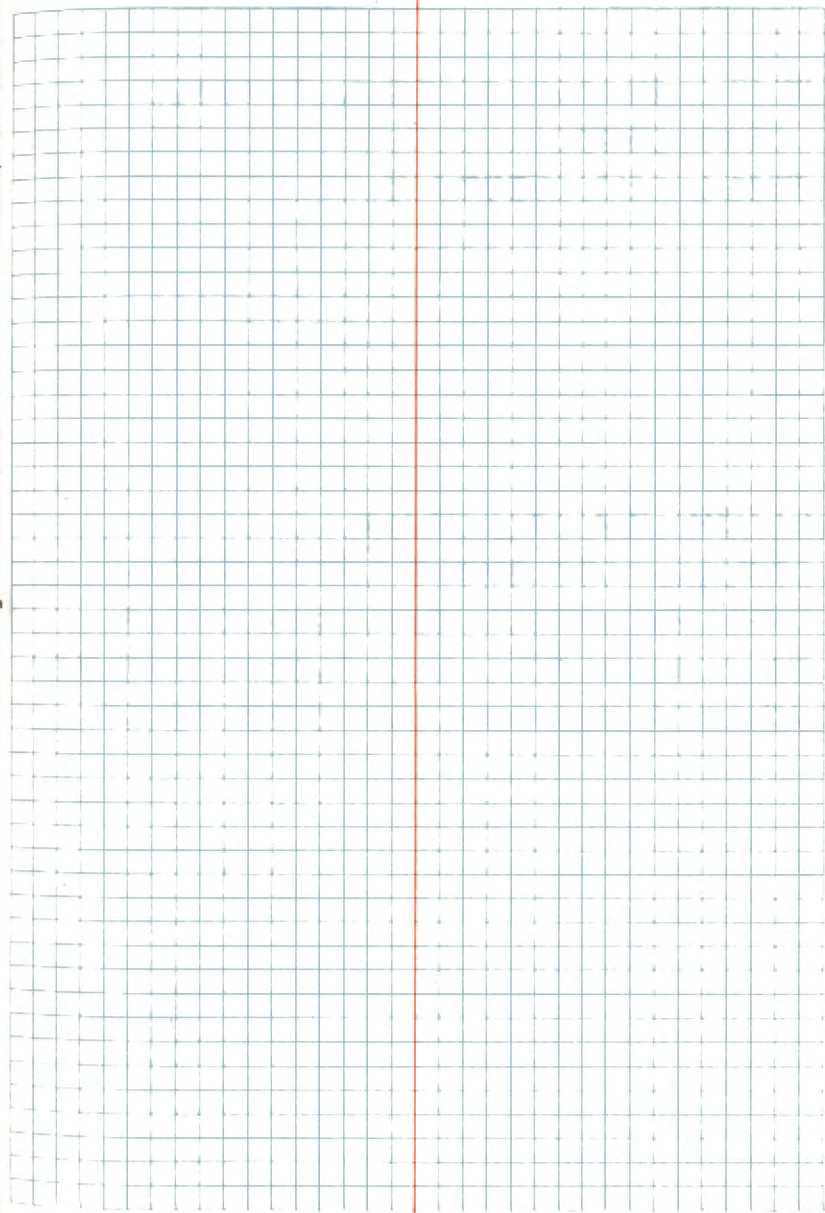
4" X 4" X 6' RED TOP CEDAR POST DUE EAST 15.38' BOTH SIGNS

" " " " " " " NORTH 16.90' " "



31

Quarter Corner Between Sections 14 & 15





N-15 QUARTER CORNER  $\frac{15}{22}$

1875 BALDWIN ORIG SURVEY

SET POST

ASPEN 4" S89°W 9078

2-17-34 J.A. Gjelhaug

FD GOUT BT ASPEN 6" S89°W 9282KS

WITH AX MARKS. ESTABLISH CORNER

FROM THIS BT. SET N. PINE POST 4 FT

HIGH 6" SQUARED MKD 4515 4522



33

PROP CORNER 333 FT EAST OF C<sup>+</sup> SBL 15

JUNE 1936 JA GJELHAUG

MONUMENT SET CASS LAKE NURSERY SURVEY

10-19-05 R MAIN

FD 1½" IRON PIPE (NO) CAP UP 3" INCASED IN  
CONCRETE. CHAIN LINK FENCE CORNER N30°W  
12045 FT. GPS IRON



34

PROP CORNER 866.25 FT EAST OF CENTER SEC 15

JUNE 1936 JA. GJELHAUG

MONUMENT SET CASS LAKE NURSEERY SURVEY

10-19-05 R MAIN

FD 2" IRON W/ PIPE CAP INCASED IN CONCRETE

CHAIN LINK FENCE  $\pm$  6 FT NORTH OF CORNER

FSLP ON R PINE 15" N50E 9.75 FT TO SPK

GPS IRON



35

PROP CORNER 1133 FT EAST OF CEN  $\frac{1}{4}$  SEC 15

JUNE 1936 J.A. GJELHAUG

MONUMENT SET CASS LAKE NURSERY SURVEY

10-19-05 R. MAIN

FD 2" IRON/W/ PIPE CAP UP 2" INCASED IN  
CONCRETE. FSLP ON R. PINE 15" S 65° W  
35.4 FT TO SPK. CHAIN LINK FENCE CORNER  
N 45° W 80.6 FT TO FACE OF POST. GPS IRON



36

PROP CORNER 285.8 PT SOUTH OF IRON ON Pg 35.  
SECTION 15

JUNE 1936 JA. GJELHAUG

MONUMENT SET CASS LAKE NURSERY SURVEY

10-19-05 Romain

Fd 2" IRON/W/ PIPE CAP INCASED IN CONCRETE  
FSLP ON R PINE 16 1/2" N 52° W 230.80 FT TO  
SPK<sub>0</sub> OH FENCE LINE NORTH & SOUTH OF  
CORNER. GPS IRON



37

PROP CORNER 519.4 FT SOUTH OF IRON ON Pg 34  
SECTION 15

JUNE 1936 J.A. GJELHAUG

MONUMENT SET CASSLAKE NURSERY SURVEY

10-19-05 R. MAIN

FD 2" IRON W/ PIPE CAP INCASED IN CONCRETE.  
10" ASPEN GROWING AROUND IRON, FSLP ON  
SAME TREE. ALSO A PUT SURVEY REBAR WITH  
PLASTIC CAP RLS 15815 MN SOUTH OF  
GJELHAUGS IRON  $\pm$  15 FT. GPS BOTH IRONS



38

PROP CORNER 271.3 FT N79°30' E OF IRON ON Pg 37  
SECTION 15

JUNE 1936 JA. GJELHAUG

MONUMENT SET CASS LAKE NURSERY SURVEY.

10-19-05 R. MAIN

COULD NOT FIND 1936 IRON AREA  
DISTURBED BY R PINE PLANTATION. DID  
FIND PVT REBAR W/ PLASTIC CAP  
RLS 15815 MN AT THIS LOCATION.  
GPS'D PVT IRON



39

PROP CORNER  $\pm$  330 FT S  $21^{\circ}$  E OF IRONON Pg 38  
SECTION 15

10-19-05 R MAIN

FO PVT REBAR WITH PLASTIC CAP  
ALS 15815 MN AND GPS

NOTE: THE DIST AND BEARING WERE  
TAKEN W/ RESOURCE GPS AND ARE APPROX

LAST  
PAGE