

148N R30W



MINING  
PANT BOOK  
NO. 384

BOOK - 2

T 148 N R 30 W BK 2



FIELD BOOK of  
G.L.O. CORNER  
RESTORATION

T 148N R 30W  
5<sup>th</sup> P.M.

2



INDEX

- Page 1 index & Legend  
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 Notes of more recent surveys  
 Field Notes of Restoration

T 148 N R 30 W Book # 2

LEGEND

CORNER RECOVERED

From \_\_\_\_\_ To \_\_\_\_\_

Region \_\_\_\_\_ Forest \_\_\_\_\_

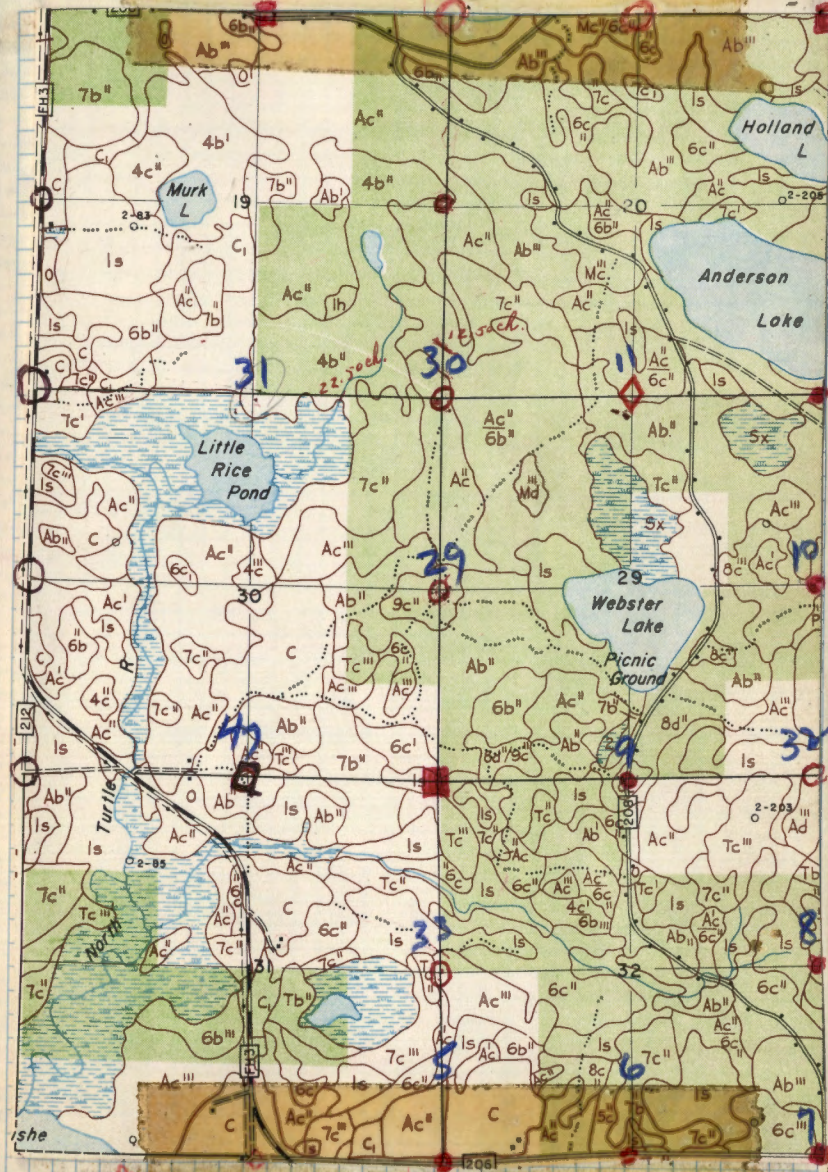
T 148 R 30 Book # 2

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
A											57					56					49			
B																								
C						5			3		57			0					0				1	
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X																								
Y																								
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SCALE - One inch = 1 mile.

LEGEND











4  
2-3 set

31 56

CORNER.

ORIGINAL BTS

31

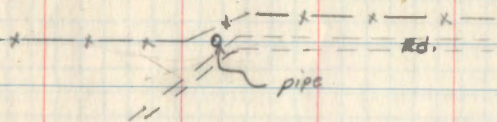
MAPLE 8 S40E 22 LKS

6

FIR 6 N23W 26 LKS

No evidence of original CORNER or ORIGINAL BTS WERE FOUND.

CORNER MARKED BY IRON PIPE 1 1/4' F.S.  
LOCATION POSTER WEST OF CURB.



CHECK FOR CO. NOTES. 4/14/59

CO. NOTES - RK BLIZER June 1909.

Cedar post 2' in ground

10" ELM. S41E 51.6 33.66

8" BIRCH N72W 48.0

found ELM STAMP FLAT BLAZE NO  
scribing visible

Also See T148NR30W BOOK 3  
page 19

9/10/1985 Krause, Brama & Allison  
Found 1959 monument bent. Removed,  
straightened & reset flush with surface with  
rod ring around top of BC. Found the following  
1959 BT's:

Elm 7" S00°W 128.7' scribe visible

Maple 13" S34°E 95.3' BT Scar

Elm 16" S52°E 187.0' no Scar

Set: Steel sign post 3"x8" North 8.25' w/54-9  
Cedar Post 12" N80°W 17.33' Tag & Spike

No evidence of original or county files

Corner falls 8' south of fence NE & SW; 16' north  
of Q of private road SW.

Above info from corner card *[initials]*



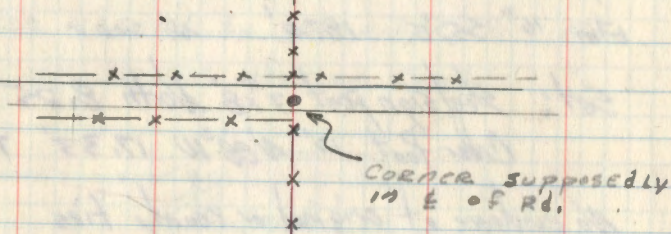
5  
2-5

SEC. CORN TO S 31-32-5 & 6

31 32

6 5

CORNER TAKEN OUT by rd.



4/14/59



Z-7 1/4 COR. S-82. S-5

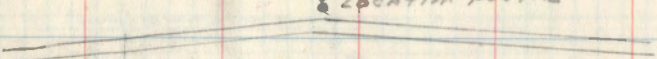
52

5.

ORIGINAL CORNER TAKEN OUT BY RD.

ES. POSTER ON TELEPHONE POLE NORTH OF RD.

Location poster



4/12/59

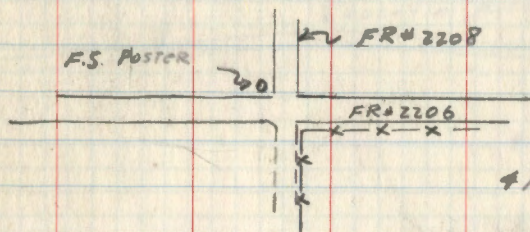


Z-9 sec. 32-33-4-5

32 33

5 4

ORIG. B.Ts. Removed by Rd. F.S. Poster  
 NW corner of intersection



4/14/59



18

5680-11

2 X-9 1/4

X-9  
S 82-33

ORIG. BTS.

32 33 TAM. 10' S55W 51 LKS.

Evidence of brushed line. NO

Evidence found of CORNER.

TAM. SWP.

4/14/59



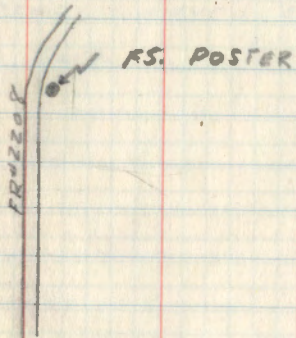
9  
V-7 1/4

V-7  
529-32

29

32-

NO ORIGINAL EVIDENCE FOUND. RD  
CROSSES CORNER. FS LOCATION POSTER



NOTES FROM ORIG. SURVEY OF 1874

Set a birch post 4" x 5"

Mkd BT'S:

Birch 8" S6E 22 IKS. 14.5'

Cedar 5" N57E 22 IKS. 14.5'

10/22/90 GB-EX

FROM TRAVERSE POINT #27 AT BRG N41E A DISTANCE  
OF 106' TO GOVT DISTANCE 2654' E+W  
DISTANCE FALLS ON WEST SIDE OF CENTERLINE FR  
BUT FSLP ON 11 J. PINE ON WEST SIDE OF ROAD  
APPROX 1/4 COR IS 27.5' E OF TAG



10  
T-9

T-9

5680-11

1/4 S 29 - 28

ORIG. BTS.

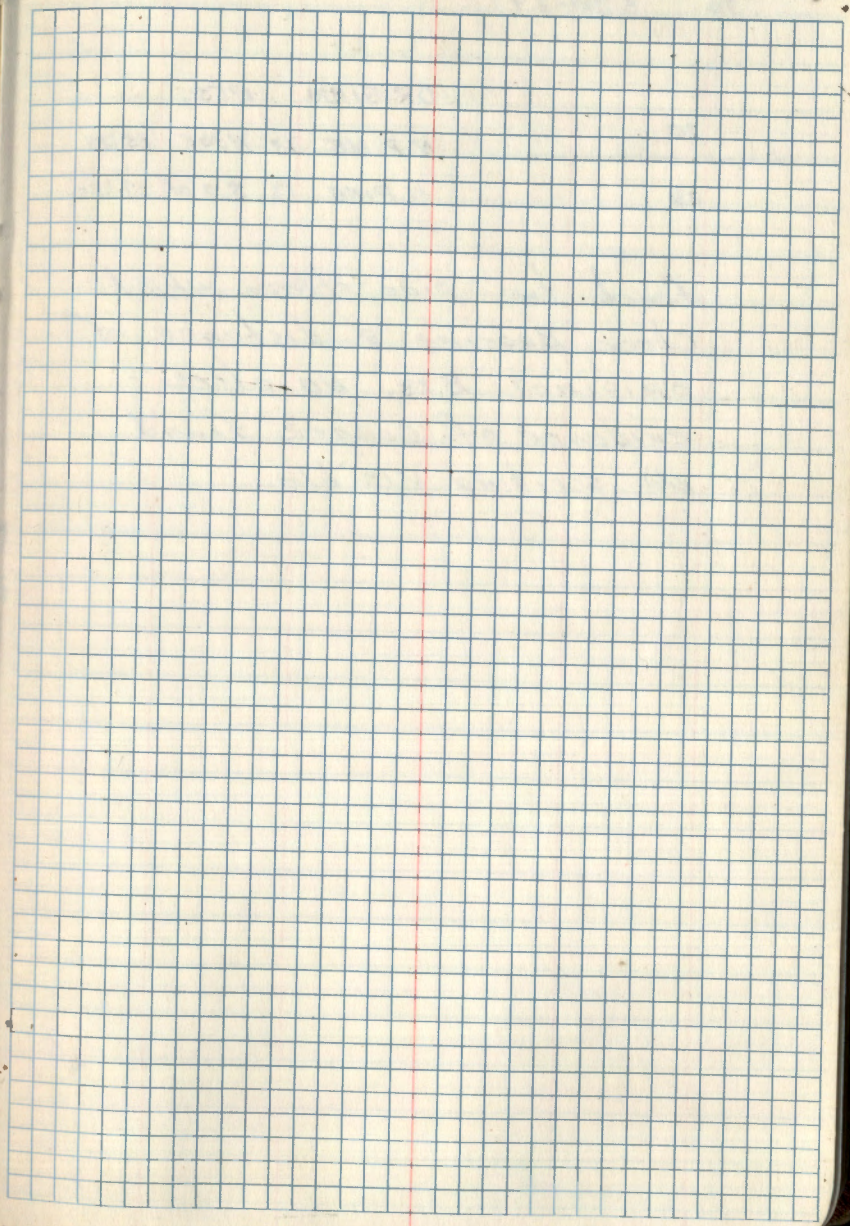
N. PINE 6" SOSTN 27 LKS

29 28 - BLK. PINE 6" SOSTC 41 LKS

NO EVIDENCE FOUND OF ORIG. BTS.

E.S. POSTER LOCATED ON 10' R. PINE 75' RT.

OF E.W. TRAIL #86 FOUND SQUARED STAMP  
(ROTTEN) G.C.C.





11

R-7

1/4

S20-29

## ORIGINAL B.T.S.

20

N. PINE 13 N30E 22 LBS

29

N. PINE 12 S2W 27 LBS

found two pine stumps which  
 check bearing & distance of  
 original B.T.S. no other  
 evidence of corner found  
 no scribing visible.

5680-11



12

R-13

Sec COR S 21-22-27-28

ORIG. BTR

21	22	N. Pine 12	N 39W	5 LKS
		N. Pine 13	N 68E	14 LKS
28	29	Aspen 3	S 46W	33 LKS
		Cedar 6	S 61E	32 LKS

no evidence found. 4/19/59

5680-11



13  
T-13  
1/4

S 27-28

ORIG. BT

cedar 7' N 80W 10 LKS

28 27 cedar 7" N 45 E 9 LKS

NO evidence found of BTs.

4/15/59

5280-11



14 Set 8-3-59 RHM

V-19

V-19

1/4 S 26-35

ORIG. BTS

26

Sapling W. PINE 10" SISE 11 ch.

W. PINE 8" N60W 12 ch.

35

Found W. Pine stmp. SISE 11 ch.

W. Pine stmp - N60W 12 ch.

No scribing visible on stmps - No other evidence found.

Stmps

OK. with orig. BTS. Set stake (birch) for

Temp. Corner

8/15/59

See Book 3, Page 38 for Monumentation

66  
66  
726  
12  
198  
26  
158



15  
V-21  
Set affidavit filed 4/27/60  
RLS # 3628

5 25-26-35-36

ORIG. NOTES.

26 25 TAM POST 4" x 5"

BTs

35 36 TAM 10' S 75° W 120 LKS

TAM 12 N 75° E 75 LKS

Cedar 6' N 20° W 40 LKS

SURVEY NOTES by J. A. Gjelhaug 11/21/39.

Found orig. stake. BTs. Rotted out Set 318x46

Cedar stake BTs. Aspen 8" N 44° W 23½ LKS

TAM. 4" S 17° E 24½ LKS

F.S. Location poster on Aspen BT.

Evidence of Corner found 4/15/59.

Found original TAM Corner with scribing visible

NO EVIDENCE OF ORIG. BTs. Found.

Aspen N 44° W 23½ LKS ES POSTER

TAM S 17° E 24½ LKS which ck.

with SURVEY NOTES of J. A. Gjelhaug.

SEE PAGE 67, BOOK 3 OF CADASTRAL  
SURVEYS - FOR REINUMENTATION  
NOTES.



116  
N-5

S.C. S 17-18-19-20

ORIG. BT'S. & NOTES

TAM. POST.

18 17 TAM 4 S16W 345 LKS = 227.7'

TAM 4 S 2 E 400 LKS = 264'

19 20

F.S. POSTER found on Rd. 7 chs. S of  
corner. no other evidence

4/30/90 GB-CK

FROM S 1/4 TO SECTION 18 WHICH IS 2" IRON PIPE - USFS

MONUMENT - RAN LINE AT 588 E

100' E INT. ASH SWALE - 350' E LV. ASH SWALE

1700' E INT. LOWLAND SWP. - 2649' E WIE FELL 31' SOUTH

OF A 3" x 3" x 5' HIGH CEDAR POST - IN BOG - NO SCRIBE ON

POST - WELL WEATHER AND HOLLOW ON SOUTH SIDE

POST IS 70' SOUTH OF EDGE OF BOG AND LAKE

PLAQUE PICKET WITH RIBBON ON CEDAR POST - NOW RUN DUE SOUTH

130' SOUTH AND 18' WEST FD. 2 POSTS LEANING IN BOG - NO

SCRIBE ON EITHER POST (NO TAG) CONT. SOUTH AND LV. SWP.

AT 375' SOUTH - AT 580'S TOP OF BACKSLOPE - NORTH SIDE

OF FR # 2207 - BEARS NW-SE

SEARCHED FOR ORIG. TAM BT'S. AS WE CHAINED SOUTH

BUT THINGS ARE STILL FROZEN DOWN AND SNOW COVERED

AS WE HAD 3" TO 4" OF SNOW ON 4/29/90 (SUNDAY)

THERE ARE MANY TAM & CEDAR STUMPS IN AREA OF BT'S.

5680-11

BT SIGN WOULD BE 65' WEST OF LINE SOUTH AND 227' FROM OUR CHAIN

NEED TO SEARCH AGAIN - WHEN FROST IS OUT  
USED DOUBLED SIGN POST AT CORNER AS BOG IS VERY  
DEEP TO SOMETHING SOLID IN AREA OF CORNER.  
WILL CHECK FOR ANOTHER POST POINT NEXT TO CEDAR POST  
WHEN THAWED OUT

NO POST OR TAG WAS LOCATED AT ROAD - AS STATED ON OPPOSITE  
PAGE - BUT DISTANCE WOULD BE TO (2) POST POSITION OR 130'  
SOUTH OF 3" S&D POST NEARER LAKE

PLAN ON TRAVERSING BETWEEN S 1/4 AND SE COR. SEC. 18 ON

6/1/90 - CK, GB - searched 2 hours for orig. BT'S. None found.

6/2/90 CK, GB - cut around 3" x 3" x 5' post and searched  
for post point under bog. Found none.

7/5/90 CK, GB - searched bog for post point. Found none.

7/16/90 CK, GB T142NR30W

Set a 2 1/2" x 48" galv. pipe with brass cap mkd. at the position where 3 x 3 x 5' cedar  
post was found on 4/30/90.

Set Reference Objects:

14' steel sign post north	6.15	Survey sign atty.
14' steel sign post east	4.75	Both signs atty.
14' steel sign post south	4.85	Survey sign atty.
14' steel sign post west	4.55	Both signs atty.

Monument is set on top of 15' sign post  
and brass cap set 2" above swamp. Removed  
2 small posts found 130' south of section  
corner and used them as skins around mon.  
Also used 3 x 3 x 5' ash skin.

This corner position was determined by a right-  
of-way survey conducted by Bill Okerman in  
1970 (see survey) and by bur traverse in 1990.  
(See traverse book for details). It was set  
as a obliterated corner

06-16-2009 R. MAIN

FD IRON IN PLACE AND GPS, MONUMENT AND  
SIGN POSTS HAVE SUNK TO GROUND LEVEL  
BUT AR



17 R-25

5/24-19-25-30

T14FN

24	19	Birch	12	S84E 35 LKS	2310.
		Maple	5"	N31E 29 LKS	111
25	30	Birch	10	N48W 15 LKS	9.9
		Birch	10	S 47 1/2 W 16 LKS	10.6

R 30W R29W.

CORNER Consists of 1 1/2" pipe also Cedar  
Post found lying on Ground, scribing vis.  
F.S. post on Birch EAST of corner  
No. ORIG. BTS. OR STMP. HOLES found.  
scribed Cedar post

Co. notes. Oct. 1923

6" pipe 1 1/2 x 24" + Cedar post

6x6x5 from which brs.

Maple	12	S -	39.4'	No EVIDENCE 9/95
"	10	S28W	29.5'	DEPRESSION No REAL EVIDENCE 9/95
Birch	10	S29 1/2 E	57.4'	No EVIDENCE Rd. Chertony 9/95
P. stamp	24	N55W	37.5'	DELAID FINE STP @ BRG. FOOT 9/95

Notes from Field Book #49.

Found IRM 1 1/2 x 24" + 6.6 Cedar

w.p. stamp N55W 37.5'

All other BTS taken from  
Bulldozed clearing.

Affidavit

Date 5/21/59

6" Concrete monument capped  
& stamped. T148N R30W R29W  
S-19-24-25-30  
1959 RLS. 3628

Twin OAK 6" N21E 35.9 S-19 R29W

OAK 7" N79E 50.6 S-19 R29W

ELM 6" S43 1/2 E 71.9 S-30 R29W  
Now 8" x 8" STAMP 9/13/95

Metal Location post on 8" Birch

N 71 E 9.9' From Corner Now 14"  
DEAD BIRCH 9/13/95See Book 3, page 26 for  
Monumentation Notes

9/13/95 R MAIN CRANSE  
FO CONCRETE LYING HORA IN PLACE w/ 10.7 FT. CORNER IN  
MIXED HARDWOODS [60 FT SOUTH OF WOODS TRAIL]

HEAVY OAK (TWIN) 9" N28°E 35.9 FT SLAR

1959 W OAK 11" N79°E 50.6 FT SLAR

NEW W OAK 11" WEST 63.50 FT TO SPK MKR: S24 BT

8 FT STEEL SIGN POSTS NORTH 2.95 FT EAST 3.2 FT

PLACED ASLKP OFF FR ON S' TWIN MAPLE FROM  
WHELN CORNER BEARS EAST 155 FT.ALSO FIND 6" CEDAR POST/W/TAG FROM 7/21/59  
10 FT NORTH OF MY MAPLE.



18 V-25

SC. S-25-80

TISEN

ORIG. NOTES &amp; BTS.

		MAPLE 4	S 16 E	28 LKS	19.5
25	30	CEDAR 5	N 83 1/2 W	34 LKS	22.4
36	31	ELM 4	S 89 1/2 W	42 LKS	27.7
R 30 W	R 29 W	BIRCH 12	N 43 E	53 LKS	35.0

CORNER consists of squared stake & F.S.  
POSTER on ASPEN N 74 W - 14 LKS by J. A. Gjelhaug

ELM fallen down. bears S 89 1/2 W dist  
is 27.7 or 42 LKS. block on ELM but rotted  
out inside.

Possible STUMP HOLE bears N 87 1/2 W  
22.4' or 34 LKS. Rotted very much.

See Book # 3, PAGE # 14 for  
Monumentation Notes

9-9-04 R MAIN

FD IRON IN PLACE AND GPS. IRON  $\pm$  250 FT WEST  
OF DAMON LAKE AND  $\pm$  75 FT EAST OF SWAMP.

FD 3 NEW BTS BY STATE OR COUNTY



19 Z-23

5680-11

1/4 COR. S. 36-1

T148N BLK. PINE 11 S 3E 21 LKS.

36 BLK PINE 11 N 80W 59 LKS.

T147N

No evidence of this corner  
could be found. Searched 2 hours.

2-30-59

J.H. McDonald



20 X-25

1/2 Cor. S. 36-51

T 148PN ORIG. NOTES & RTS.

36 51 W. Pine 14 SGE 22 LKS 78.5

W. Pine 18 NZOW 32 LKS 21.1

R30W R29W

Land BT MARKED by J. A. Gjelhaug

W. Pine 24" SGE 22 LKS.

Gjelhaug ALSO states this is original  
BT. questionable?

9-14-95 RMAIN

Ed MONUMENT IN PLACE 1977 ELM IS NOW A 9" ELM SNAG

W. OAK 4" NOW 6" PLACED SPK NEXT TO DISTANCE

NAI 1, TAGS ADDED. W. OAK 5" NOW A 7 1/2" PLACED SPK

NEXT TO DISTANCE NAI 1, TAGS ADDED.

7-21-04 R.M. GPSED IRON

5680-11

REFER TO BRZ T 148 R 29 P 31



21  
N-19  
1/4

S-14-23

14

Orig. B.S.

FIR Post. - 4 x 5 ft

23

Dead Birch 14 N 47W 11 lbs

Dead Pine 12 S 55E 49 lbs

Could not find any evidence *RAM*  
corner should fall in old road grade.

*RAM* 1959

5680-11



22 N-17

S.C. S. 14, 15, 22-23

ORIG. NOTES &amp; B.T'S.

15	14	Tam post 4" x 6"	
		Tam 4 N63E 27 LKS	17.8'
		Tam 4 N15W 22 LKS	14.5'
22	23	Tam 4 S77W 25 LKS	16.5'
		Tam 4 S53E 14 LKS	9.2'

CORNER Consists of partly decayed  
Tam post. Approx. 4" square.  
Scribing visible. Co. Corner post. - Also  
C.C.C. post. No scribing. - No ORIG. B.T'S. Found.

11/13/84 CK BT GBJA Dist  
CHAINED S. of 14 S. 15 S. 14 2610 - 415 good

FOUND 3" x 3" WOOD POST BESIDE  
6" x 5" WOOD POST DOWN 4'

IN SWAMP, STANDING UP AND DOWN.

B.T'S ARE GONE. LEFT 6" x 5" POST  
MARKING CORNER. FOUND 6" TAM N60W  
DEAD 24.8'  
old tag on face

SET 3" x 8" STEEL SIGN POST ON S. SIDE  
OF WOOD POST UP 2'.

TAM	4"	N20°E	48.55'	ALL B.T'S
TAM	5"	S80°E	13.0'	SPIKED TAGED
TAM	4"	S33°E	12.5'	AND RED RINGED
TAM	7"	N82°W	22.2'	AND SCRIBED B.T.

5680-11

CORNER FALLS IN STAGNANT  
SWAMP, CHINAMAN LK. SW 200'

NOTES OF BIRCH TOWNSHIP ROAD IN 1908

Fd. Old post - OK NO B.T'S (316 21)  
SET IN TAM POST 6" x 6" MARKED

FB# 40106 Bellami Court house  
C.C. No. 119186

874 By K. STYLER 2/16/38

Fd. WOOD POST SCRIBED IN GOOD CONDITION - 24" HIGH  
PLACE FSLP'S ON

TAM 3 S51W 27 LKS = 17.8'

TAM 3 N64W 38 LKS = 25.0'



23

V-15

7

S 27

S 34

4/21/59

Orig. notes & B.T.s

27

R. Pine 12" S 62 E 12 IN - 7.9 FT.

Aspen 13" N 49 E 27 IN - 17.9 FT.

34

NO evidence of Orig. B.T.s

5680-11



724

V-13

SC

S 27-28-33-34

4/21/59

## Orig Notes + B.T.s.

		tam.	4"	N 60 W	10 <sup>1/2</sup> IN	6.6 <sup>1/2</sup> FT
28	27	tam.	4"	S 35 W	30 <sup>1/2</sup> IN	19.8 <sup>1/2</sup> FT
33	34	tam.	5"	S 40 E	26 <sup>1/2</sup> IN	17.2 <sup>1/2</sup> FT
		tam.	4"	N 37 E	27 <sup>1/2</sup> IN	17.8 <sup>1/2</sup> FT

No evidence of Orig Cor. or B.T.s.  
found E-W CCC line in SWamp

5680-11



4 S-33 - 34

4/21/59

Orig. notes

tam 6" N40W 74 4.6 FT

33 34 " 5" S42E 74 4.6 FT

NO evidence of Orig B.T.s  
 found intersection of blazed  
 lines in swamp. NO COR.



26 Z-11

54 - 33

4/21/59

Orig notes

3	3	R. Pine 14" S 33E	47 lbs <sup>31.0</sup>
<hr/>		Dead pine 8" N 3W	46 lbs <sup>(30.4)</sup>

4

No evidence of Orig. B.T.s  
found one Co. B.T. approx 25'  
N.E. of tag on post on  
north side of Co. Rd.

CO. NOTES page 201 County Record  
BOOK of SURVEY A BELTRAMI CO.  
SEPT. 1910. U.S. 11230'

N. Pine 12" N 3°E 25 lbs. 49.5

J. Pine 9 N 14E 74 1/2 lbs 49.2

Evidence J. Pine N 14E 74 1/2 lbs MARKING  
visible.

N.P. stamp N 3E 75 lbs.

See BOOK #3 PAGE #11 for  
Monumentation



27 2-17

Sec. 2-3-34-35

4/21/59

Orig. B.T.s.

34	35	Birch 8" N 64 E	28 lbs
		Birch 10" N 29 W	16 lbs
3	2	N. Pine 12" S 45 W	34 lbs
		Birch 8" S 17 E	15 lbs

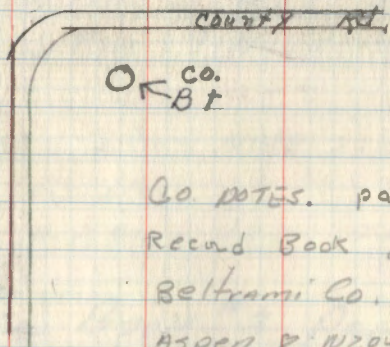
No evidence of Orig. B.T.s.

found two Co. B.T.s.

R. Pine 18" S 24 W - 166 1/2 lbs marking visible

R.P. Stamp. 20" S 48 1/2 E 93 lbs marking visible

← Co. B.T. stamp



Co. NOTES. page 201 County  
 Record Book of Survey A  
 Beltrami Co. SEPT 1910  
 ASPEN 8" N 20 W 72 lbs 27.50  
 N. PINE 12 S 48 1/2 E 93 lbs 61.63  
 N. PINE 12 S 28 W 166 1/2 lbs 109.89

NOW 26" SNAG/W/TAG

REFER TO BK #3 PG #4

10-5-04 REMAIN  
GPS IRON



2P Z-25

Town Corner Bal Ranges 29430  
and Towns 147N & 148N.

38	31	TAM 4	N58E	18 LKS	11.88'
		TAM 3	N50W	20 LKS	13.20'
1	6	TAM 3	S87W	84 LKS	55.44'
		TAM 3	S52E	11 LKS	7.26'

Notes by J.A. Gjelhaug.

Aspen 6" S88°W 230 LKS. MKD. BT # 15. Post-

Aspen post 4" 16' scribed

No evidence of this corner  
could be found. Search time  
4 man hours.

2-30-59

G.H. McDonald

ASPEN 6" S88W 230 LKS 151.8 FT

5680-11



29 T-5

1/4 5.29 + 30

cedar Post 4x5 ft.

30 29

cedar 4" 560d . 8 40 5.28'

cedar 5 550E 20 40 13.20'

No evidence could be found

5/6/59

5680-11



30 R-5

S.C.

5-19-20-29-30

Fir Pit 4 x 6 ft.

Cedar 7 N83W 6 lbs 3.96'

Cedar 4 S20W 16 lbs 10.56'

Fir 5 S70E 4 lbs 2.64'

Birch 12 N25E 14 lbs 9.24'

No evidence found of corner

5/6/59.

5680-11

3-9-18



31 R-3

1/4 5-19-50

Cedar 10 S60E 5' to 3.30'

Cedar 14 N8W 5' to 3.30'

no evidence of this corner found

4/6/59

5680-11



72  
V-9

SC. 29-29-52-33

Cedar Post 1 x 6 ft.

Real Birch 10 N 48 W 7 lbs 4.62

Cedar 7 S 21 W 24 lbs 15.84

" 6 S 12 E 32 lbs 21.12

" 7 N 55 E 80 lbs 52.80

No evidence found of Cocaine

4/6/59

5680-11

10/22/90

CHAINED 2640' EAST OF APPROX. '14  
FELL IN TAM (DEAD) SWP. + RIDER THRU LOW BRUSH  
NO EVIDENCE FD. - PUT FLAG ON DEAD 14 TAM N 68 W 24.5'  
FROM RIDER PICKET AT STA 2640'E



85 X-5

1/4

S 31-32

T 148N

Cedar Post 4 x 5 ft

31 | 32

W Pine 20 5708 5 lbs

Cedar 6 N 65W 24 lbs

R30W

No evidence of this corner found  
4/2/59

5680-11



34 V-11

1/4

S. 29. 93

Tamase Post 4x5 ft

Dial from 10 S 70W 44 chs 29.09'

Dial from 12 N 18E 24 chs 15.89'

44.00 Scarce windfall and Enter Tamase Swamp.

See 21.4 S.

No evidence of other corners found

5/7/59

5680-11



85 R-15

1/4

5-22-27

T 148 N R 30W

Orig. notes & RTT.

22

Aspen Post 4 x 4 ft

27

Tree Pine 6 N 65E 14 cks 8.24

Tree Pine 10 S 48E 28 cks 18.48

31.00 Enter Tamarac Swamp NW & SE.

38.00 Leave Tamarac Swamp NW & SE.

40.00 Set 1/4 Sec. Cor.

No evidence of this corner  
could be found - searched for  
by Flaucher & Lavoche 1959

5680-11



36 N-23

1/4 bet. 13 & 24

CO. NOTES

JAN. 1920

N. Pine 10 N55E 51.2

W. Pine 30 N15E 50.3

Found:

N15E pine snag 50.3. BURNED but  
scribing partial 1/4 visible

~~N55E pine snag 51.2. BURNED but  
scribing visible~~

See Book 3, page 27 for  
Monumental Notes

11-19-82 JA-GB

Fd. 2" X 5' F.S. IRON PIPE WITH BRASS CAP  
IN PLACE

REMOVED 5' MONUMENT AND REPLACE  
WITH 24" IRON PIPE WITH BRASS CAP MKD.

T148N R30W

WOOD ROAD E&W WILL  
BE USED FOR LOGGING  
THAT IS WHY NEW MONUMENT  
WAS PLACED HERE

1/4 S-13  
524

1959

24" IRON IS 1.0' BELOW  
ROAD

RLS NO 3628

BT'S. FOUND AT THIS TIME

CEDAR 12" TWIN S11W-389' SPK+TAG  
WINDFALL

CEDAR 15' S34W-48.1' SPK+TAG  
NOW SNAG

BALSAM 10' N1E 54.8' SPK+TAG  
NOW WINDFALL

CCC FSLP ON BIRCH 14 S10W-39.03'

MARKED NEW TIE

ROCK 3' X 5' UP 1.0' N42E-85.5'  
MARKED X TOP CENTER

ANOTHER LARGE ROCK SOUTH 8.0'  
OF CORNER MONUMENT



578 N-21  
48 SC.

S-13-14-23-24

Co. Notes by R.K. Buler Jan 1920

\* Aspen 6 S28W 76.4

Aspen 7 N50W 79.9

Co. Notes by C.C. Spencer 1914

CORNER post found <sup>by</sup> SURVEYOR SET

by Bourgeois in center of Grade 1908

\* poplar 3 S28W 56.5'

\* poplar 3 N43W 59.2'

found in Co. Field Book #28 page 12

~~found down poplar log found  
S28W 56.5'~~

~~poplar stump found~~

~~decayed N50W 79.9.~~

SURVEY 1923

gas pipe in center of Rd.

SURVEY By Bourgeois 1908

cedar 4x4x5

poplar 3" S27½W 18.8'

dig.

Birch S22E 20' lks

Fir N75E 14' lks

Fir S57W 49' lks

Birch N58W 26' lks.

Dug into center of Grade found  
Approx 1' of cedar post.  
decayed.

Stump. Hole S28W 56.5' }

poplar stump N43W 59.2' }

checks notes by C.C. Spencer 1914



28  
R-23

1/4 Sect. 24125

orig. notes

Aspen 20 S30W 20.4' 13.2

Aspen 3 N18W 3.0' 19.8

Co. Notes.

2" Iron & 5x5x4 Cedar Post.  
no trees near for B.Ts.

Found Cedar post marks plain  
2" angle iron.

Set cement monument 6" dia. 5' long  
capped w/ Brz. Tablet stamped:

T148N R30W

S24  
1/4 S25

From which bears

1959  
R.L.S.#3628

Aspen 7" N78°W 52.4' MKD T148N R30W S24  
BT

Aspen 6" N26°30W 29.5' MKD T148N R30W S24  
BT

Willow 4" N47°E 39.6' MKD X B.T.

G. H. McDonald

8-13-59

Affidavit

R. 23

Metal Location poster is on 14" Aspen  
Stub from which cor. bears S50°E 8.5"  
Also poster on old rd. 210' North of  
Corner



59 R-21

S. 23-24-25-26

Co. Notes Oct 1923

after I located E. cor. of sec 24 by  
chain measurement I found one  
Gov't. 137 down marks plain

FIR 5228 17.1

NEW STS

GAS pipe  $1\frac{1}{2} \times 24$ " post  $6 \times 6 \times 5$   
approx 5 575W 55.0'  
Bunch 6 N45E 46.4'

found  $1\frac{1}{2}$ " iron pipe  
N45E 46.4' Birch stub  
marked. T148 R30 S24 BT.  
9150 post with marks plain.

See Book #3, Page #28 for  
Monumentation Notes



40 Z-21

S- 35.36 + 1-2

T149N.

35	36	orig BTS.
<hr/>		
2	1	
T149N	TAM 10	55°W 49 (32.34')
R30W		

Poplar 3 N70E 40 (26.90')

Poplar 3 N6W 56 (36.96')

Forest Service notes by styler

F.S. poster Aspen N81E 43 lbs

F.S. poster Aspen N1W 13 lbs

11/20/59

Search failed to locate any  
evidence of original cov.  
or F.S. Posters 3 man hours.

7-30-59 G.A. McDonald

5680-11



41 Z-19

1/4 sec. 2135

T148N. orig. BT.

35 Spruce. 4" N3 1/2° E 171 LKs

T147N

Co. notes - Tam 3' 510W 62 LKs

On 9° 13'

Sept. 1910. page 201

County Record book of Survey "A"  
Beltrami Co.

Found 3" Tam Co. B.T. & Scribed  
Stake

July 27, 1959

A. H. McDonald

Set 2" pipe cor. 15' New B.T.s

Tam 5" N24 1/2° W 114.0' MKD T148N R30W S35 BT

Tam 4" S64° E 156.1' MKD X B.T.

Tam 3" N79 1/2° E 142.8' MKD X B.T.

See Book #3, Page #40 for  
Monumental Notes

Affidavit

Z-19

F.S. Metal Location poster ON Tam  
3" Co. BT from which cor bears  
N10° E 40.9'



P-17  $\frac{1}{4}$  between Sects 22 & 23

22  $\blacklozenge$  23

Original notes:  $\frac{1}{4}$  sec. cor. Aspen  
post 4" x 5" from which brs.

Elm 8" S65° W 21 LKs or 13.86'

Aspen 4" N25 E 15 LKs or 9.9'

No evidence of this corner  
was found Search time 2 hours.

7-20-59

R.H. McDonald



1/4 Cor between 23 & 24

23 ♦ 24

Orig. Notes.

1/4 Sec. Cor. Tom Post 4" x 5'

From which brs:-

Tamarack 6" S 20° E 32 Lks 21.1'

" 8" S 85 W 19 " 12.5'

Found a squared post w/ location  
poster on it dated 1940

No evidence of orig. cor. was found.

Four man hours search time.

7-22-59

T.H. McDonald



44  
T-21  
1/4 Cor. between 25 & 26  
26 ♦ 25

Orig. Notes.

1/4 Sec. Cor. Cedar post 4" x 5'

From which bears:-

Cedar 8" N 47° E 30 LKs at 19.8'

Cedar 10" S 70° W 26 LKs at 17.16'

No evidence of this corner  
could be found. Search time  
4 man hours.

2-22-59

G. H. McDonald

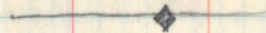
5680-11



45 N-24

NE 1/6 Cor between Sect. 24 & 13

13.



24

### Co. Notes

Aspen 12" N 25° 30' E 77 lks or 50.2'

Aspen 12" S 35° 30' E 48.5" or 32.0'

found 2 aspen bt's one S 35° E now a stump w/ scribe BT visible - one N 25° E a windfall w/ scribe partly visible

7-23-59

J.H. McDonald

Set 6" dia cyl. concrete monument w/ Bronze tab. stamped

T148N R30W

E 1/6 513  
S 24

1959

RLS #3628

From which bears New BT's

Aspen 5" <sup>5' IN RD</sup> N 51° W 12.2' MKD T148N R30W S13 BT

Aspen 8" <sup>8' IN RD</sup> S 23° E 14.0' MKD T148N R30W S24 BT

Tam 10" S 78° 30' E 100.7' MKD T148N R30W S24 BT  
NOW 16" X 30' SNAG

Affidavit

N-24

Metal location poster is on cedar post East side of FR# 2207 from which Cor. bears West 48.3' Also placed poster on 8" Aspen BT from which cor bears N 23° W 14.0'

8-14-59

J.H. McDonald

10-06-2008 R.M.A.I.N

FD MONUMENT 12 FT EAST OF G. FR TOP OF CONCRETE IS BROKEN AWAY NO CAP. MONUMENT @ SHOULDER AND START OF DITCH. CEDAR 4X4 IS GONE ALSO GPS AND WITNESS.

8 FT STEEL SIGN POST EAST 14.85 TO NEAR EDGE

8 FT STEEL SIGN POST NORTH 20.70 TO FACE OF POST



46  
x-21

1/4 Cor. between Sect. 35 & 36

35  $\square$  36

Orig: - Aspen 8" S 72W 46 LKS 30.36'

Ash 4" S 60E 52 " 34.32'

No evidence of this corner was  
found. Search time 4 hours.

7-31-59

R.H. McDonald

5680-11



47

August 13, 1959

Book #2

T148NR30W

V-3

1/4 Cor. Between Sec. 30-31

1/4  $\frac{30}{31}$ 

Found Co. Notes

① Bottle

Set a 2" inside dia. gal. wrought iron pipe  
filled w/ concrete

New B.T.'s

Elm	6"	N57 $\frac{1}{2}$ °E	78.2'	MKD T148NR30W S30 BT
Aspen	10"	N64 $\frac{1}{2}$ °W	338'	MKD T148NR30W S30 BT
Birch	7"	S47°W	58.1'	MKD T148NR30W S31 BT

See Book #3, page #66 for  
Monumentation notes

331  
25  
351

V-3

Affidavit

Metal location poster on 10" Aspen  
from which cor. bears N61°E 18.4'  
Also poster on old Hwy 240' South of  
Corner.

G. H. McDaniel



48 Q-25

South  $\frac{1}{16}$  Corner Sections 19-24  
T 148N R-29-30W

Corner Falls on edge of backslope  
of new road #FR 2207

Corner consists of a squared scribed  
post. No record of who set corner.  
estimated to be 30 years old.

I set a 4" x 4" x 72" red topped cedar post  
with F.S. metal location poster adjacent  
to and on the south side of the  
squared scribed post.

Oct 24, 1966 John H. M. Donald



49  
Closing corner to Section Corner 192

Notes of original gov't survey 1874

Tam wood post

TAM 8" S35W 251ks. 16.5

Fd. rotted stp. S35W 16.5' Falls under road.

TAM 8" S24E 171ks. 11.2

Fd. rotted & burned stp. S24E 36.6'

Belt. Co. Summit Road Survey 1914

Fd. stake by survey on rd. survey south

Fd. 2 gov't BT's - Brings ck. OK. Dist  
in error on TAM to the S24E.

TAM S35W 16.5'

TAM S24E 36.6'

Mkd. new BT's:

1. TAM 8" S38½E 49.4

Fd. rot. & burned stp. S39E 49.4

2. TAM 8" S26W 45.6

Fd. rot. & burned stp. S26W 45.6

9-27-82 - Krause, Brama

Chained down forest road co. distance (1914)  
from Std. corner 35, 36 to Closing corner 161.0

Dug with back hoe. Fd. 3" x 36" tam.  
post mkd. S1-S2. Found another tam.  
post badly decayed. Found old cedar  
post by cec's set south 25.0'.

10/1/83

To perpetuate this corner I set a 2" x 24"  
conc. filled galv. pipe with B.C. mkd. set 1.0' below  
road. Set 18" of the post point that  
had scribe below the monument.  
Magnetic pellet was placed below  
wood point. The top 18" of the  
scribed post & the badly rotted post  
was placed alongside galv. pipe.

T149N

S2 | S1

CC

T149N R30W REMOVED  
6/24/86

1982

R.L.S. NO. 15810

→ 86

Mkd. New BT's:

1. Aspen 10" S39E at 50.90' Mkd. T149N R30W S1 CC BT

2. Ok. Spruce 6" S4E at 82.10' T149N R30W S1 CC BT

3. Aspen 8" S16W at 61.90' T149N R30W S2 CC BT

4. Aspen 10" S38W at 51.70' T149N R30W S2 CC BT

Placed a 4" x 4" x 8' cedar post south 25.4' with both signs  
attached. F.S.L.P. placed on back of post. Also placed  
Ojelhaug's loc. poster from 1938 on back of post.

Placed a ½" x 6" re-rod in each of the original stps.  
Chained distance from std. corner 35, 36 to closing  
corner 1/2 is 158.9'.  
Corner falls 4.5' north of Q. of road.

5/4/83 Terry Brama

6-21-05 R. MAJIN

GPS IRON AND ADD NEW BTs

TAMARACK 8" S20E 37.28 Ft To SPK. NOT SCRIBED



Closing corner to Section Corner 2/3

Notes to Original Gov't Survey 1874

Wood Post

Cedar 5" S68W 11 lks. 7.3'

Cedar 6" S15E 38 lks. 25.1'

Bell Co. Summit Road Survey (1914)

Fd. stake and 2 BT'S.

Cedar S68W at 7.2'

Cedar S15E at 25.0'

Mkd. New BT'S

Balm. of Gil. S42E at 54.5'

Tam. S41W 35.6'

9/27/82 - Chained county dist. Dug with  
back hoe. Fd. no remains of post or BT'S.

Old cc cedar post w/FSLP on south side of road.

Tag says 19.8' N to cor. Curt Krause - Gary Brammer



C.C. Done

Closing Corner to Section Corner 3, 4  
Notes of Original Gov't Survey 1874  
SET ASPEN POST

SPR. PINE 5 S84E 20 LKS. 13.2'

TAM. 5 S38W 83 LKS. 54.8'

DUG WITH BACKHOE AT ROAD INTERSECTION  
FOUND 5" X 5" X 18" OAK POST MKD WITH S3 TO SE  
AND S4 TO SW - TOP OF POST WAS 6" BELOW  
ROAD SURFACE - PLACE MAG. PELLET UNDER  
POINT OF POST 9-28-82 CK-GB-KW-GK  
SET STD. F.S. 2" X 24" IRON PIPE WITH CAP MKD.

NO BT'S NEAR - WILL HAVE TO USE T149N

SIGN POSTS 10-1-82 CK-GB

54 | 53  
CIC  
T148N R30W  
1982  
RLS NO 15810  
4-6-84 CK

PLACE WOOD POST BESIDE IRON

10" BELOW ROAD - PELLET NOW

UNDER 2" IRON AT TRUE CORNER

NO BT'S. REMAIN OF ANY PREVIOUS SURVEYS

OPEN FIELD AND PASTURE TO W-SW-NW N-NE

# CERTIFICATE FILED

1912 COUNTY ROAD SURVEY BY BLILER (SOUTH)  
FOUND ORIG. STAKE AND BOTH GOVT. BT'S  
MKD NEW BT'S. SET PAK POST -  
ASPEN 10 N68 3/4 W 95'  
OAK 12 N19E 124.8' NO EVIDENCE REMAINS

1914 COUNTY ROAD SURVEY (EAST) BY C.B. SPENCER  
FOUND OAK POST BY BLILER AND MKD TWO NEW BT'S.  
ELM 6 N24 1/2 W 87.0'  
ASH 5 N52W 80.3' NO EVIDENCE REMAINS

## WITNESS TO IRON MONUMENT

8' STEEL SIGN POST N50E 34.39 54-9  
" " " " N45W 36.74 "  
" " " " S34E 43.53 "  
" " " " S57W 55.35 "

## SET BELT. COUNTY WITNESS MONUMENTS

2" X 2" X 30" WITH CAP MKD. S34E 43.33' 5" ABOVE  
2" X 2" X 30" " " " N50E 34.16' GROUND  
4-6-84 CK



Quarter Bet. Secs 14 & 15

Notes of Original Gov't of 1874

Set a Tamarack post 4x5 1/2'

Oak 6" N36W 1071ks. 70.62'

Aspen 5" S74E 861ks. 56.76'

NOTES OF BIRCH TOWNSHIP ROAD IN 1908 <sup>Feb</sup> ~~(Sept. 21)~~

Fd: A post and aspen BT-Oak Lost

SET: Tam. post 5x5x5' long marked 1/4 S

Popple 7" S84 1/2 E 70 1/2 Ws

11/84 CK JA GB

Measured with EDM. from 1/4 between

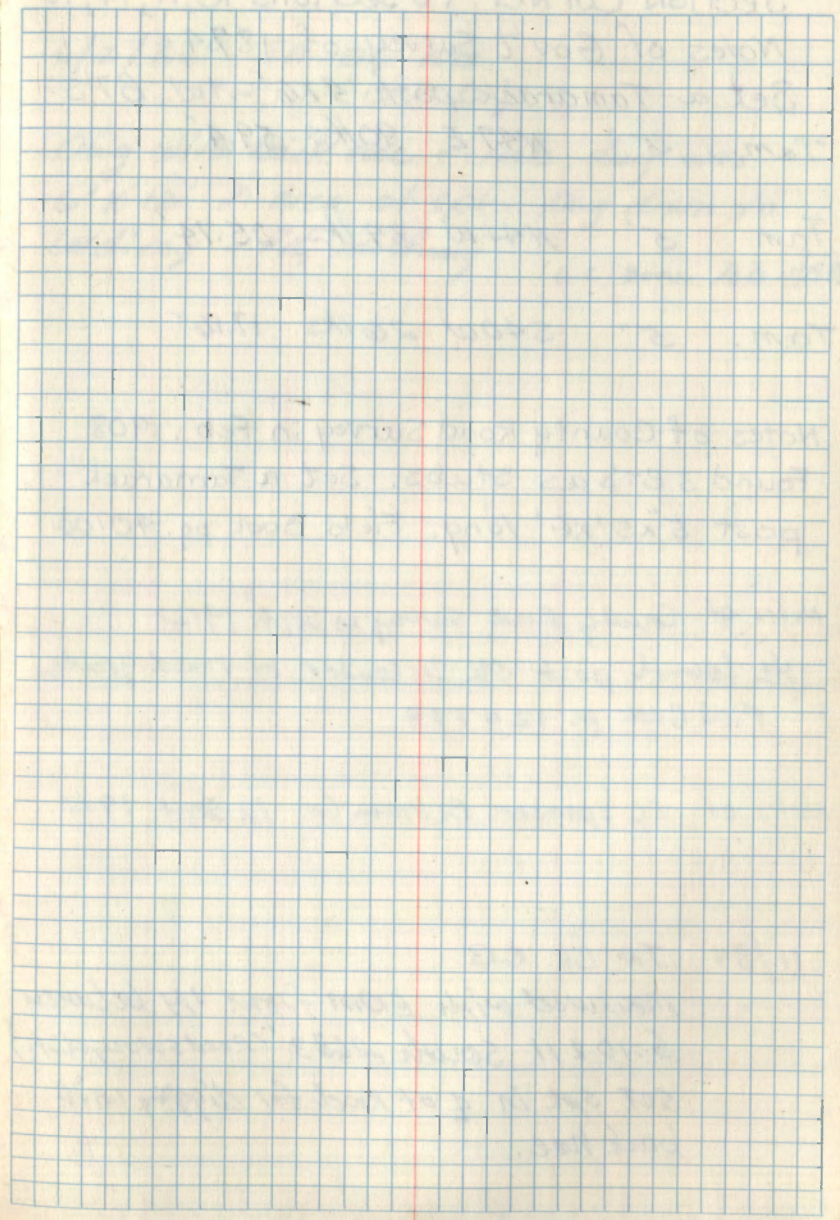
S. 10 & 11 South <sup>(Road survey dist.)</sup> 5247' to this

corner position - set spk in 1/4 of Road in order to dig with backhoe

6/2/86 JA PG RD  
(Bell. Co.)

Dug with backhoe at measured distance - hole was 8' x 12' - dug down to corduroy - Fd no evidence

c.c.ome GB 11/19/86





5-17

Section Corner To sections 10, 11, 14, 15

Notes of Gov't Survey of 1874

Set a Tamarack post 4x6' - Mk'd. BT'S:

Tam. 5" N47E 90lks. 59.4'

Tam 5" N41W 39lks. 25.74'

Tam. 5" S40W 26lks. 17.16'

Notes of County Road Survey in Feb. 1908

Found 3 BT's as stubs. Set a Tamarack  
post 5'x5'x6' long. Field Book pg. 40106

Notes of County Road Survey in Sept. 1912

He found post OK in center of road grade  
Field Book p. 120778

Notes of CC Spencer Beltrami Co. in Sept. 1917

11/84 JA CK CB

measured with ERM from 1/4 between  
S. 10 & 11 South 2633' (road survey dist.)Set spk in q of road for digging with  
back hoe.6/2/86 JA DG BD  
(Beltrami Co.)Dug with back hoe - hole dug was  
6'x12' in area of spk. Dug down to  
Corduroy - Fd, nothing  
c.c. done 1/20/1986



54 E-15

1/4 between Sec 3 and 10

for history see F.B.#3 p.8

10/07/84 CK JA GB

Fd: concrete monument 6" - top 1' broken off

in road - tied out removed to set B.C.

BTS 1959

J. Pine stub 9" x 7" N49E 67.15 some visible  
spike tags setting

J. Pine 14" S27E 94.60' some visible

county  
BTJ. Pine stub 17" x 6" S20E 45.5' some visible  
marked "

SET: 2" Brass capped Iron Pipe down 1' THEN R 30 W

in 1/4 of Road running East West 14

53  
510  
1984  
no 158 17

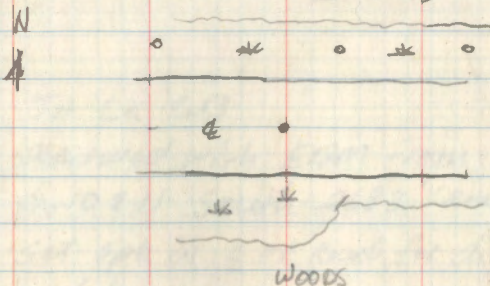
BTS

TAM 4" N22E 87.20' } Blazed &amp; soaked

spike tags

red ring

B. SPRUCE 5" N19W 78.40'

Steel sign post 3" x 8" S45W 56.50' Att sign  
x woodsC.C. Done 2/B  
11/9/86

7/29/93 OK

Fd. 2" IRON PIPE + CAP - IN PLACE 2" BELOW SURFACE  
OF ROAD - DROVE TO 8" BELOW SURFACE

BTS + SIGN POST OK - ROAD FLOODED NOW - BRAVER

PROBLEM TO WEST (CULVERT UNDER ROAD BLOCKED) + HIGH  
WATER LEVEL FROM HEAVY RAIN PAST MONTH

CORNER IN SWAMP FILL - NEED TO BE CHECKED EVERY 5 yrs.

OR PLACE ROD MONUMENT

6-22-05 R MAIN

GPS IRON PIPE. CAP HAS BEEN SHEARED FROM  
PIPE BY GRADER. REORIENT IRON TO 6" BELOW  
RD SURFACE.



55 G-17

1/4 Cor. Sec. 10-11

For history see FB 3 p. 72

10/07/84 CK JA GB

Ed: 6" concrete monument. top 1' broken off  
in road - gas pipe 1" x 30" on north side  
of monument (bent) - removed to set B.C.

BTS:

Red Pine 16" S58W 64.3' tags - reading spk (overgrown)

Jack Pine 9" N36W 92.1' - tags - reading spk (overgrown)

SET: 2' Brass lapped Iron pipe  
down 10" on East side  
of road N45

marked

T148N R30

114

S10 S11

1984

RES NO 15810

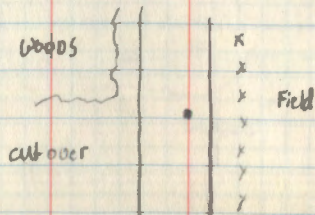
BTS:

Red Pine 20" S30W 135.20' 114 S11 BT spk tags  
reading

Steel sign post 3" x 8 East 17.1' AH signs

corner falls 5' East of E of Road N45

N  
↑



C.C. Dona GB.  
11/19/86



114 COR BETWEEN SEC 19/12

FOR HISTORY SEE Field Book #3 p. 54

11/13/84 CK JA GB BT

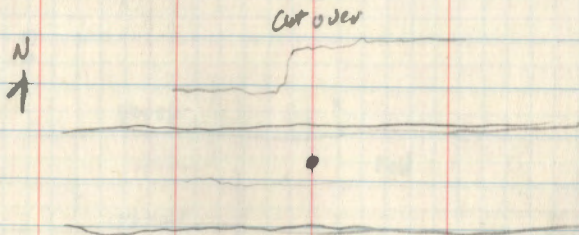
Fd: Broken 6"x18" concrete monument  
with top 6" gone from road blading  
Ed BTS - recorded on 10/84 in Field Book 3 p. 54

SET: 2' Brass capped Iron Pipe <sup>marked</sup>  
down 1' with magnetic pellet 7148N R30W  
beneath monument 51  
14  
512  
1984  
RLS 0015810

SET:

Steel sign post	3"x8'	N39E	61.1'	AAA sign
Steel sign post	3"x8'	N38W	57.1'	"
Steel sign post	3"x8'	S02E	35.4'	"

Corner falls 3' North of center line of  
road E-W - Fence line South and West  
South of corner 33'



E.C. Dore  
JB 11/17/86

9-04-2008 R. MAJN  
GPS IRON. ALL THE SIGN POSTS ARE GOOD.



57 C-13

QUARTER CORNER BETWEEN SECTIONS 3+4

NOTES OF ORIG. GOV'T SURVEY 1874

SET ASPEN POST 4" x 5"

FIR 6 N31E 17 LKS 11.2'

SPRUCE 8 S28W 20 LKS. 13.2'

NOTES BY BELTRAMI COUNTY 1912-ROAD SURVEY

SEARCH AND FOUND OLD GOV'T SPRUCE BT

BLOWN DOWN AND BADLY DECAYED

SET NEW 4X4X4 TAM POST - FOUND

OLD GOV'T. NE FIR BT BURNT DOWN BUT

SHOWS HAS BEEN FACED

MARKED NEW BT'S,

W.PINE 28 N65E 26.9'

W.PINE 20 N89W 27.0'

11/14/84 CK JA GB BT

Chained South 2757' from monumented

C.C. of sec. 415

Fd: possible county BT

pine stump - at least 20' N82W 27.0'  
(badly burned)

SET 4" x 3" cedar post at approx corner position

Temp. file: Norway 16" S47W 18.9' splk FSLP

# CERTIFICATE FILED

81.86 CHS. FOR MILE ORIG. DISTANCE 5403'

GO. DISTANCE 1912

N<sup>1</sup>/<sub>2</sub> 2757 = 5413'

S<sup>1</sup>/<sub>2</sub> 2656

Approx corner is south 100' from  
E. of road north and approx 100' west from road  
East

This position was arrived at by pine stump  
and 1/2 mile distance. Fits good

11/84 J. Allison



58

N-15

QUARTER BETWEEN SECS 15 &amp; 22

NOTES OF ORIGINAL GOVT SURVEY 1874

SET SPRUCE POST 4X5'

SPRUCE 6" S19W 924KS 60.7'

NOTES OF BIRCH TOWNSHIP ROAD April 17 1913

Fd. Stake and BT at SW COR FB# 120869

of Chinamen Lake

CORNER IS 200' WEST OF LAKE

16/15

2701'

21/22

2844

LAKE

1914

2223



MEANDER CORNER NORTH SHORE OF RABIDEAU  
LAKE BETWEEN SECTIONS 17 & 18

NOTE OF ORIG. GOV'T. SURVEY 1874

SET ASH POST 4" x 6"

ASH 8 WEST 7 LKS. 4.62'

ASH 6 N11E 28 LKS. 18.5'

FROM MC 4 SECTION CORNER TO SEC'S. 17-18-19-20  
RAN WEST 51.00 CHS. - FLAG OVER LAKE BAS. N14E  
GIVING DISTANCE ACROSS LAKE 20.05 CHS. = 1323.3'



QUARTER CORNER BETWEEN SECTIONS 17 & 18  
 NOTES OF ORIG. GOVT. SURVEY 1874  
 SET FIR POST

SPRUCE 9 S43W 17 LRS. = 11.2

5/8/90  
 Fd. no evidence

FIR 8 S58E 26 LRS. = 17.2'

Fd. no evidence

NOTES BY C.C. SPENCER MAY 14 1912

RECORD BOOK "B" PAGE 490

FOUND BT OK

SET NEW POST AND MARKED NEW BT'S.

MAPLE 8 S4W 15.6 IN FIELD COPY  
 5/8/90 16.6 ON PLAT  
 Fd. no evidence

W. PINE 24 S83°30E 13.2'

Fd. no evidence

9/19/90 - CK, GB

Set a 2" x 36" long galv. conc. filled iron  
 pipe with brass cap mkd. T148N R30W  
 Brass cap set 7" above ground 1/4

Mkd. New BT'S:

			S18	S17
Ash	14"	N76E 42.42	1/4 S17 BT	1990
MAPLE	8"	S35°E 56.40'	1/4 S17 BT	U.S.F.S. RLS NO 15810
MAPLE	6"	N15W 65.58	1/4 S18 BT	

8" steel sign posts north 3.7' and west 4.0'  
 from corner with both signs attached

FROM 1/4 COR. NORTH TO SEC. COR.

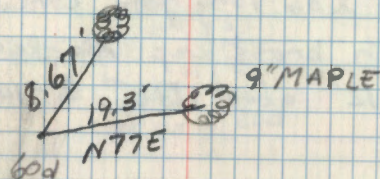
40.00 CHS. 1/4		
52.50 ENT. CED SWP. E4W	12.50 CHS OR	825'
55.00 LV. " "	15.00 CHS.	990'
65.00 ENT. TAM. SWP. NW SE	25.00 "	1650'
76.00 LV. SWP.	36.00 "	2376'
80.00 SEC. COR.	40.00	2640'

5/8/90 OK, GB

Chained south from S.C. 7, 8, 17, 18 south 2630'  
 Searched for N1/6 but found no evidence.

7/23/90 CK, GB

Searched for corner again based from traverse data.  
 Found no evidence of corner position.  
 Set a spike for the 1/4 corner at the last position  
 from traverse points. See traverse field books.  
 2564.2' to S.C. 7, 8, 17, 18  
 TIES



9/9/90 - Small round ash swale NW ± 65° from corner.



NORTH  $\frac{1}{16}$  CORNER BETWEEN SECTIONS 17 & 18

NOTES BY COUNTY SURVEYOR C.C. SPENCER

MAY 14, 1912

SET POST & MARKED NEW BT'S.

CEDAR 10 NTW 15.3'

5/8/90  
Fd no evidence

CEDAR 10 S27°30'E 52.0'

Fd no evidence

9/19/90 - CK, GB

Set a 2" x 36" long galv. conc. filled iron pipe with brass cap marked.

Brass cap 12" above the ground. T148 N R30W  
N $\frac{1}{16}$

518/517

1990  
U.S.F.S.

Mkd. BT'S:

Cedar 16" S36W 46.8 N $\frac{1}{16}$  518 BT

Cedar 12" N85W 35.40 N $\frac{1}{16}$  518 BT

Cedar 18" N2W 39.14 N $\frac{1}{16}$  518 BT

placed 8' steel sign posts south 4.0' and west 4.0' with both signs attached.

1314.5' NORTH + SOUTH FROM N $\frac{1}{16}$  COR. (ON PLAT)  
ORIG. RUNNING NOTES  
FROM  $\frac{1}{4}$  COR. NORTH - ENT. CED. SUP. 52.50 CHS. = 346.5'  
LV. CED. SUP. 55. CHS. 8630'

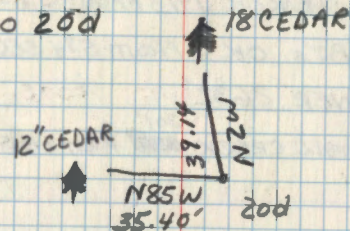
5/8/90 CK, GB

Chained south from S.C. 7, 8, 17, 18, 1315'.  
Found no evidence of county N $\frac{1}{16}$ .

7/24/90 CK, GB

Searched for N $\frac{1}{16}$  based from traverse data.  
Found no evidence of corner position.  
Set a 20d spike midway and on line  
between S.C. and  $\frac{1}{4}$  for the N $\frac{1}{16}$  position.  
(See traverse notes) 1282.1' from S.C. to N $\frac{1}{16}$ .

Ties to 20d





## QUARTER CORNER BETWEEN SECTIONS 17+20

NOTES OF ORIG. GOV'T. SURVEY 1874

ASH POST

FIR 4 STQE 24 LKS. 15.8'

5/19/90 Found no evidence

FIR 3 N65W 14 LKS. 9.2'

5/19/90 Found no evidence

5/19/90

NOTES BY C.C. SPENCER 1913 Found no evidence of county

ED. STAKE AND BT'S. OK - FROM S<sup>1</sup>/<sub>4</sub> SEC. 17 EAST

TO SECTION CORNER 2632'

COUNTY TIE TO SMALL CREEK <sup>301'</sup> EAST OF S<sup>1</sup>/<sub>4</sub> SEC. 17

9/28/90 CK

Re-establish <sup>1</sup>/<sub>4</sub> corner by traverse between section

Corner 16, 17, 20, 21 + Sec. Cor. 17, 18, 19, 20. Set

Corner at N 11-50-43E at 15' from traverse pt. 57

SET 2" DIA. X 36" LONG - GALVANIZED STEEL PIPE

WITH BRASS CAP MARKED

T148N R30W

4" ABOVE GROUND

 $\frac{1}{4}$  S17  
S20  
1990

WITNESSED BY

RLS 15810

ASH 8 N63E 25.92 MKD  $\frac{1}{4}$  S17 BTASH 12 SSE 27.05  $\frac{1}{4}$  S20 BTASH 12 N54W 33.18  $\frac{1}{4}$  S17 BT

8' STEEL SIGN POSTS EAST 3.0' WEST 4.0' BOTH SIGNS

9/28/90 - This corner was set at S 88-59-10' W at  
gov't dist 2640' from Sec. Corner 16, 17, 20, 21. See traverse  
books 102 for Rabideau Lake



M.C. BETWEEN SECTIONS 17+20

NOTES OF ORIG. GOVT. SURVEY 1874

ELM TREE 6" AS POST

5/9/90

ELM 7 S10E 18 LKS. 11.9'

Fd. no evidence

BIRCH 10 N71E 30 LKS. 19.8'

Fd. no evidence

9/26/90 CK, GB

Set a  $\frac{3}{4}$ " x 36" long alum. rod monument  
in place of traverse point #51 to mark M.C.

position. Marked alum. cap and placed on top.

Cap set 2" above ground. T148 N R30W

M.C. /	517
	520
	1990
	RLS NO 15810

MKd. New BT's:

Birch 8" N53 E 36.20' scribed MC Sec 17 BT

Ash 4" S2W 15.45' BT

Basswood 7" S25 E 39.0' MC 20 BT

3.8' x 3.8' Rock N15 E 12' "X" on top

3.5' x 3.5' Rock S70W 6.3' "X" on top

Set 8" steel sign post 3.6' east with both signs.

5/9/90 GB-CK

FROM TRAVERSE PT #8 - AT BRG N59W A DISTANCE OF 44.5'  
TO SEARCH AREA - FELL ON SLOPE NE-SW-15' E EAST OF LAKE  
SHORE - 4' ABOVE WATER - LARGE ROCK ALONG SHORE LINEHEAVY BURN YEAR AGO - NO EVIDENCE FOUND OF ORIG. COR. OR BT'S  
ESTABLISH APPROX. MC BY PLACING RSLA ON 10 BIRCH ON EAST  
SIDE - APPROX. COR. IS 2' EAST OF TAG - BIRCH MAY BE DEAD  
MARCH GRASS BETWEEN RIDGE AND OPEN WATER APPROX. 50'  
LOCATION IS 4184' WEST OF SE COR. SEC. 179/26/90 Corner falls on high ground about 4' east  
of swamp land. 2' to 4" rocks run along shoreline  
NE and SW from corner.



## EAST 1/16 BET. SEC'S 18/19

This corner <sup>position</sup> was determined by survey. It is set mid-point and straight line bet. south 1/4 of sec 18 and the SE. corner of sec. 18.

(See cadastral survey books of 1990 for survey).

7/16/90 CK, GB

Set a 2" x galv. iron pipe with brass cap marked. Brass cap  
set above ground.

T148N R30W  
S18  
S19  
1990  
US. FS.

Mkd. ~~BT~~ Reference Objects:

3' High x 4' wide x 5.5' long, S35W, 66.43 "X" on rock  
2.5' long x 2' wide rock, S61E, 61.95 "X" on rock  
2" of rock above ground

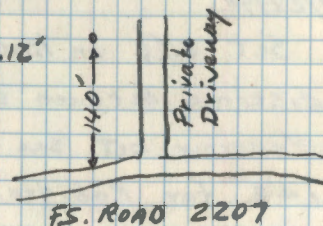
Set 8' steel sign posts east 4.0' and 4.0' south with both signs attached.

Tie to 7" MAPLE S89E 78.65 to 20d galv spike

Mark on private land. Made no marks and no tags.

Corner falls on the west side of a private driveway approx.

Split of the half mile is 1322.12'





65

EAST  $\frac{1}{16}$  BETWEEN SECTIONS 17 & 20

9/28/90

Set  $\frac{E}{16}$  in line and proportionate

distance between sec. corner 16, 17, 20, 21 and

 $\frac{1}{4}$  corner bet. sec. 17/20. See traverse books

1 &amp; 2 for Rabideau Lake.

Corner monument was set N19-48-25E

at .36' from traverse pt. 61.

9/28/90 CK

SET 2" DIA. X 36" LONG GALVANIZED STEEL PIPE

WITH BRASS CAP MARKED T148N R30W

4" ABOVE GROUND

IN HARDWOODS

$$\begin{array}{r} \frac{E}{16} \frac{S17}{S20} \\ 1990 \\ USFS \end{array}$$

WITNESSED BY

ASH	7	S8E	66.44'	mkd $\frac{E}{16}$ S20 BT
MAPLE	7	N88E	77.39'	$\frac{E}{16}$ S17 BT
ASH	9	N23W	61.50'	$\frac{E}{16}$ S17 BT

8' STEEL SIGN POSTS NORTH 3.0' + WEST 3.0'



QUARTER CORNER BET SEC'S, 146

NOTES OF ORIG. GOV'T SURVEY 1874

SET WOOD POST

POPLAR 14 S27W 8 LKS. = 5.3'

BIRCH 6 S62E 15 LKS. = 9.9'

NOTES OF ROAD SURVEY 1911 BY W.L. DEHART  
PLAT AND NOTES FROM BELT. COURTHOUSE ON FILE  
FOUND ORIG. POST AND BT'S.

MARKED NEW BT'S.

SET W. PINE POST 4" x 4" x 3'

W. PINE STUMP 24" N88W 33.3'

W. PINE 8 N34½E 42.0'

1914 NOTES BY BELT. COUNTY

BENCH MARK (SPIKE) IN NW BT R.K. BLILER

R.K. BLILER MARKED ANOTHER BT. BIRCH 6

S30W 47.5'

S.D. SNYDER SET CONCRETE MONUMENT

1934 M.D. STONER MARKED NEW BT'S.

POPLAR 3 NE 42.0'

POPLAR 3 E 37.9'

5/2/91 GB-CK

CHAINED FROM SW CORNER TO SEC. 6 NORTH ALONG ½ OF  
OLD TOWNSHIP ROAD - IN TAM. SWP. - 1319' N SEARCH FOR  
Spike - NO IRON COULD BE LOCATED - BUT THERE IS A 5' FILL  
IN SWAMP AT THIS POINT - SET SPIKE IN ½ OF ROAD BED  
AT END OF OUR CHAIN 1319' N. - DISTANCE IS 6' N OF FENCE  
LINE TO EAST - CONTINUE NORTH TO 2638' N WHICH FALLS  
IN SOUTH BOUND LANE OF BLACKDUCK HWY. - NO EVIDENCE  
COULD BE FOUND OF ANY BT'S. - NO IRON COULD BE  
LOCATED - USE CENTER LINE OF HWY TO NORTH (PAINTED)  
FOR LINE AND DISTANCE 2638' FROM SOUTH AND ESTABLISH  
APPROX. ¼ COR.

3.5' EAST OF EDGE OF BLACKTOP AND CENTER LINE OF HWY  
TO NORTH - PAINT MARK ON ROAD AND PLACE ESLP  
ON W. PINE IS S49W - 42.0' FROM APPROX. ¼ COR.  
POINT OF CHAINING 2638 IS 2' NORTH OF POWERLINE  
TO EAST AND 4' NORTH OF OLD FENCE LINE TO EAST  
WE MAY GET BACKHOE AND DIG IN HWY LATER FOR  
CONCRETE MONUMENT SET IN 1914



QUARTER CORNER BETWEEN SECT'S. 7418

NOTES OF ORIG. GOV'T. SURVEY 1874

SET TAM POST 4" X 5'

TAM. 6 S55W 11 LKS. = 7.26'

SPRUCE 9 N23W 12 LKS. = 7.92'

NOTES BY JOHN A. GJELHAUG 4-14-39 (874)

Fd. SPRUCE 10" WINDFALL N23W 12 LKS.

WITH SCRIBE 1/4 ST BT VISIBLE

Fd. POST 4" X 4 1/2" FAIR CONDITION

PLACED FSLP ON CEDAR 7" N50E - 26 LKS. 17.16'

1959 SET 2" DIA. X 5' LONG IRON PIPE WITH  
BRASS CAP MARKED T148N R30W1/4 57  
510  
1959

WITNESSED BY

RLS 3628

TAM. 5 S76W 9.2' SCRIBED

Fd. DEAD TAM. S76W 9.35' SPK + TAG

ELM 4 S27E 27.4' " FSLP

Fd. DEAD ELM S27E 27.45' SPK + TAG ON GROUND  
OLD FSLP

ASH 4 S75 1/2 E 25.4' "

NOW 8" ASH S75E 25.32' SPK + TAG

ASH 4 N32 1/2 E 27.9' SCRIBED  
NOW 9" ASH N32E 27.98' SPK + TAG

Fd. IN 1959

FSLP ON BIRCH S12 1/2 W 17 LKS. = 11.22'

11-1-93 RM YCK

Fd. 2" IRON + CAP - IN PLACE - IN GOOD CONDITION  
IN GRASSY SWAMP AREA - WET AROUND CORNER  
CORNER IS ABOUT 35' IN SWAMP FROM HIGHER GROUND  
TO WEST

MARKED NEW BT'S.

ASH 8 S29W - 34.72' MKD. 1/4 S18 AT

ASH 6 S85W - 26.65' " " " "

8" STEEL SIGN POST EAST



## WEST ONE SIXTEENTH SEC 7-18

5/16/94 R MAIN C. KRAUSE

SET A 2" X 4 FT GALVANIZED STEEL PIPE  
WITH FLARED BASE, AND 3" BRASS CAP AT  
PROPORTIONATE DISTANCE BETWEEN 1/4 7E18  
AND THE NW OF 18. WITNESSED WITH

MAPLE 9" N20°E 83.68 FT TO SPK MKD W 1/6 57 AT

W OAK 9" N81°W 119.03 FT TO SPK MKD W 1/6 57 BT

MAPLE 8" S57°W 61.65 FT TO SPK MKD W 1/6 57 BT

8 FT STEEL SIGN POST SOUTH 3.95 FT WEST 3.90 FT

CORNER IS UP 8" AND MKD 2

T 148 R 30 W

W 1/6 7

1994

USFS

CORNER IN MIXED HARDWOOD ± 195 FT EAST OF CO RD # 39 E

FOUR ROCK SURROUND MONUMENT



MEANDER CORNER Bwn. Sec. 7 & 18

East side of Benjamin Lake

Notes of Govt. Survey of 1874 by Allen & Barnes

Set Ash post 4 xi' from which

Birch 9" S27E 38 lks (25.08')

Fir 6" N90°E. 34 lks (22.44')

Original Calls from NW cor. sec. 18

582.70 } 6.20 ch. MC west side of lake (409.20')

1841.4 } 15.03 MC east side of lake

42.93 1/4 cor. sec. 7 & 18

82.93 NE cor. sec. 18

5/16/94 R MAIN CKRAUSE

SET A 2" X 4 FT GALVANIZED STEEL PIPE WITH FLANGED  
BASE AND 3" BRASS CAP AT PROPORTIONATED DISTANCE  
BETWEEN THE 1/4 7 & 18 AND THE NW OF 18.

W. OAK 8" S85°W 13.72 FT TO SPK MKD: BT

W. OAK 10" N8°W 67.06 FT TO SPK MKD: BT

R. PINE 18 N12°E 48.85 FT TO SPK MKD: BT

8 FT STEEL SIGN POST 2.4 FT WEST



CLOSING CORNER BET. SECS. 1 & 6  
ON RANGE LINE  
ORIG. GOV'T. SURVEY 1874  
SET WOOD POST

W. PINE 6 N70W 20 Lks. = 13.20'

W. PINE 8 S47E 8 Lks. = 5.28'

CERTIFICATE FILED

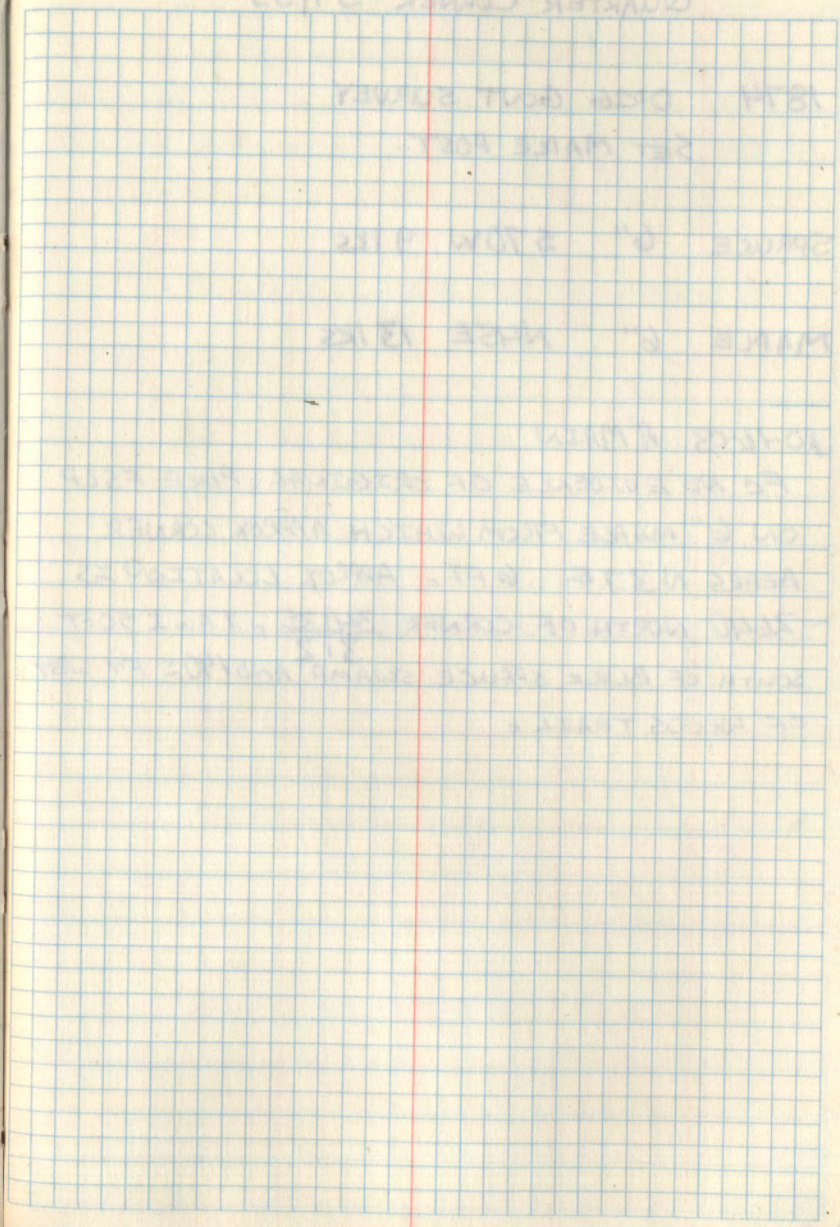


QUARTER CORNER BET. SECS. 4+9  
ORIG. GOV'T. SURVEY 1874  
SET ASPEN POST

BIRCH 10 N26E 16 LKS = 10.56'

SPRUCE 12 S62W 12 LKS = 7.92'

# CERTIFICATE FILED





## QUARTER CORNER 34|35

1874 ORIG GOVT SURVEY  
SET MAPLE POST

'SPRUCE 6" S70W 9.1KS

MAPLE 6" N45E 13.1KS

## 10-6-03 R MAIN

FD NO EVIDENCE OF ORIGINAL PLACE FSLP  
ON 6" MAPLE FROM WHICH APPROX CORNER  
BEARS N37E 6 FT. APPROX LOCATION IS  
2640 NORTH OF CORNER  $\frac{34}{35}$ . TAG # 50FT  
SOUTH OF BLACK SPRUCE SWAMP AND  $140 \pm$  FT WEST  
OF WOODS TRAIL.



MEANDER CORNER Blun sec. 7 & 18

West side of Benjamin Lake

Notes of original Govt. Survey of 1874 by Allen &

Set Pine post 4" x 5' from which: Burns

Birch 8" N68°W 31 lks (20.46')

Aspen 5" S68°W 22 lks (14.52')

Original calls from NW cor. sec. 18

6.20 ch. MC west side of lake

15.03 ch. MC East side of lake

47.93 ch. 1/4 cor. sec. 7 & 18

82.93 ch. NE cor. sec. 18.



CENTER SOUTH  $\frac{1}{16}$  SECTION 13

JAN 1920 ROY. K. BAKER

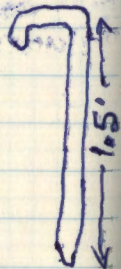
PLAT OF SECTION 13. SET IRON, SPA POST

PINE ST 8" S30°E 32.7 FT GONZ FALLS IN  
MATURE RPINE PLANTATION.

9-23-2008 R. MAIN

FIND FLAT IRON 1" X  $\frac{1}{4}$ " 1.5' LONG WITH  
ONE INCH ABOVE GROUND. THE BOTTOM 3" OF  
IRON IS ROUND AND THE TOP OF IRON IS  
HOOKED LIKE "J". I GPS IRON AND TIE  
OFF. MATURE RPINE EAST, MIXED HARDWOOD  
WEST.

IRON!



R PINE 13" S10°E 22.55 FT TO SPK

R PINE 12" S48°E 20.03 FT TO SPK



SOUTH EAST  $\frac{1}{16}$  SECTION 13

JAN 1920 Roy K. BIELER

PLAT OF SECTION 13. SET IRON 16" LONG

PINE STP 30" N5°W 62.3'  
NO EVIDENCEPINE STP 26" S15W 33.7  
NO EVIDENCE

9-24-2008 R. MAIN

FD IRON IN PLACE AND GPS. IRON IS  
1" x  $\frac{1}{4}$ " FLAT BAR. BOTTOM  $\pm$  3" OF IRON  
IS ROUNDED. TOTAL LENGTH 105'  
IRON IN MIXED HARD WOODS & BALSAM

WITNESS WITH:

ASPEN 10" N 8°W 8.82 FT TO SPK

ASPEN 5" N56°W 12.52 FT TO SPK



CENTER EAST  $\frac{1}{16}$  SECTION 13

JAN 1920 Roy K. BILGER BETTRAME CO  
 PLOT OF SECTION 13. IRON  $\frac{1}{2}$ " X 16"

9-29-2008 R. MAIN

Fd  $\frac{1}{2}$ " X 105' IRON ROD WITH NUT ON TOP  
 AND BOTTOM OF IRON FLATTENED. FOUND  
 BASE OF WOOD POST 3" DIA 2.4' LONG WITH  
 TAPERED POINT N70°W 10.8 FT FROM IRON.  
 GPS'ED IRON AND WITNESS. IRON IN  
 MATURE TAMARACK.

TAM TO IRON 9" S35W 11.85 FT TO SAK NOT MKD

TAM TO IRON 4" S64°E 31.92 FT TO SAK NOT MKD

TAM TO  
 POST POINT 9" S35W 11.70 FT CEN OF POST  
 32.70

TAM TO  
 POST POINT 14" S64°E 32.70 FT CEN OF POST



## SOUTH SIXTEENTH SECTION 13/18

JAN 1920 ROY BILZER BELTRAMI CO  
 PLAT OF SECTION 13 IRON CEDAR POST

DEAD TAM 18" S45°E 13.3 FT  
 NO EVIDENCE 9/30/08

SPRUCE 7" N35°E 33.7  
 NO EVIDENCE 9/30/08

9/30/2008 R. MAIN

FD 1/2" X 1.5 FT IRON ROD WITH NUT ON TOP  
 AND FLATTENED TAPER ON THE BOTTOM. I FIND  
 LAYING DOWN IN CEDAR ALDER AND BLACK SPRUCE  
 STRAIGHTEN, GPS, AND WITNESS.

CEDAR 8" S88E 26.00 FT TO SPK

CEDAR 13" N20°E 24.95 FT TO SPK

8 FT STEEL SIGN POST 208' SOUTH  
 LINE TO STANDARD NORTH AND SOUTH



SOUTHWEST  $\frac{1}{16}$  SECTION 13

JAN 1920 ROY K BILDER BELTONE CO  
 PLAT OF SECTION 13 SET IRON  $\frac{1}{2}$ " X 18"

"PINE STP 8" N25W 31.2

PINE STP 8" S30E 36.8

10-06-2008 R. MAIN

FD IRON  $\frac{1}{2}$ " X 18" WITH A ROUND LOOP ON TOP.  
 FALLS IN MATURE RED PINE  $\pm$  275 FT NORTH  
 OF FR 2207. GPS IRON, IRON FLUSH W/  
 GROUND. NO EVIDENCE OF 1920 STUMPS.  
 WITNESS WITH:

R. PINE 12" N30E 18.60 FT TO SPK NOT MKD

R PINE 11" S45°E 21.95 FT TO SPK NOT MKD



NORTH  $\frac{1}{16}$  SECTION 13 14

JAN 1920 ROY K BLIER BELT CO SURVEYOR  
 SUBDIVISION PLAT SECTION 13. IRON  
 DROVE BY C.C.S. NOTHING TO MARK.

4-30-2009 R. MAIN

FD 3.7 FT X  $\frac{1}{4}$ " IRON IN PLACE OUT IN  
 A WILDLIFE OPENING  $\pm$  30 NORTH OF  
 ASPEN AND  $\pm$  175 FT SOUTH OF MATURE  
 R. PINE. IRON WAS BENT & STRAIGHTENED  
 AND BROKE OFF 8 INCHES OF IRON. RESET  
 29 FT 6" UNDER GROUND WITH BROKEN  
 PIECES NEXT TO IRON AND 6" UNDER  
 GROUND ALSO. GPS'ED IRON AND WITNESS  
 WITH.

WOAK 5" S 70° E 83.70 FT TO SPK NOT MARKED

WSPRUCE 7" S 12° W 74.10 FT TO SPK MKD 8514 BT

## IMPROVED



NW  $\frac{1}{16}$  SECTION 13

JAN 1920 ROY K BIZLER BELT CO SURVEYOR

SUBDIVISION PLAT SECTION 13

SET SPRING FOR CORNER 18" LONG.

WIM POST. WITNESS WITH

ASPEN STUB 10" WEST 39.4

ASPEN STUB 10" S 8° E 32.8'

4-30-2009 R MAIN

FD IRON IN PLACE AND GPS. IRON IS 18"

X 2" WIDE X  $\frac{1}{4}$ " THICK LEAF SPRING WITH

ROUNDED LOOP ON TOP. I DROVE IRON

FLUSH WITH GROUND. IRON IN MIXED

HARDWOODS NEAR HALF DOZEN LARGE

SPRUCE NEAR BY. GRASS SLOUGH  $\pm 75'$ NORTH  $\frac{1}{2}$  EAST OF IRON. WITNESS WITH

W OAK 8" S 65° W 55.45 FT TO SPR UNK. S 13 BT

W SPRUCE 22" N 14° E 11.75 FT TO SPR NOT MKD

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