

C. C. C.  
12

K&E  
COLLEGE FIELD BOOK  
360°



| Page        | Sec | T  | R <sup>E</sup> | Exploratory                    |
|-------------|-----|----|----------------|--------------------------------|
| 1-4         | 11  | 39 | 9              | 4# NE NE                       |
| 5-14        | 27  | 39 | 5              | 4# SE NE                       |
|             | 32  | "  | "              | 4# W <sup>2</sup>              |
| 7           | 31  | "  | "              | 4# E <sup>2</sup>              |
| 19-21       | "   | "  | "              | Diagrams + calc. by H. H.      |
| 23          | 26  | 39 | 6              | retrace Dorr's subdn 1892      |
| 30          | 17  | 38 | 5              | § random                       |
| 34          | 16  | "  | "              | 4# W <sup>2</sup>              |
| Bench Marks |     |    |                |                                |
| 35          | 11  | 38 | 6              | L. Kathryn x                   |
|             | 17  | 39 | 7              | Clear Lake x                   |
| 37          | 14  | 39 | 6              | Minocqua x                     |
|             | 36  | 39 | 4              | Pine Lake x                    |
| 38          | 3   | 38 | 7              | L. Tomahawk                    |
|             | "   | "  | "              | Mon N <sup>2</sup> (MC) single |
| 39          | 28  | 39 | 6              | 3 1/2 (on §) Blue Lake         |
| 40          | 36  | 39 | 4              | Pine Lake                      |
| 41          | 16  | 38 | 4              | Trick E to 1/2 creek           |
| 43          | 9   | 38 | 4              | §                              |
| 46          | 16  | 39 | 7              | Clear L. Hand Cords            |
| 47          | 15  | 38 | 4              | Trav. 4# N                     |
| 48          | 10  | "  | "              | Trial §                        |
| 50          | 8   | 39 | 7              | Woodruff Hatchery              |
| 51          | 9   | 38 | 4              | Trial § N                      |
| 53          | 10  | "  | "              | ± W+S lines of NE. SE.         |

Field Notes

1940

K & E

REG. U. S. PAT. OFF.

Surveys at Camp 15-S  
**COLLEGE FIELD BOOK**  
 Minocqua

Showing the quality of the Paper and Engraving in the Standard K & E Field Books described on one of the following pages.

Ray #. # all

At the beginning and end of this book will be found general information relative to a few of the items of the extensive K & E line, which will be of interest to the Engineering Teacher and Student.

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Book XII

NE NE 11-39-9 E.

Required to determine west line of NE NE on account of trespass.

Inquiry at Court House (Rhinelander) reveals that D.H. Vaughan as County Surveyor found it necessary to re-establish corner to secs. 1-2-11-12 in 1909. This he did, pro-rating E & W between SE corner of Sec 1 and Allen's  $\frac{1}{4}$  (between 2+11) and N+S between NE cor Sec 2 and the orig NE north shore Kathan Lake.

Vaughan's bearings for NE cor Sec 11:

W. Pine stp 20" S 6° W 1.31 ch.  
West side 4x6' troller

S 70° E .99

Vaughan's  $\frac{1}{4}$  Sec 11 (41.37 S of NE cor)

Y. Pine 16" N 42 $\frac{1}{2}$ ° W .09  
" 16" S 62 $\frac{3}{4}$ ° E .32

Vaughan's distances recorded as:

|         |            |           |
|---------|------------|-----------|
| N. line | NE Quarter | 42.16 ch. |
| S. "    | " "        | 39.96     |
| E "     | " "        | 41.37     |
| W "     | " "        | 39.73     |

D.H. Vaughan  
Sec 11  
in 1909

(570)

11-39-9 E.

2

March 4<sup>th</sup> 1940 Overcast 20°  
Hall; Mentz, Hassler with 4 CC enrollees  
Check E  $\frac{1}{4}$  by stumps of Vaughan's  
Y. Pines. \* Fence is OK N+S.

NE corner Intersect Vaughan's record  
distances from his stumps (marks OK  
faces OK) and from big boulder.

This location is about in E road E.  
and .72 $\frac{1}{2}$  ch West of fence North.

Produce \* fence found for E. line SENE  
(in which E  $\frac{1}{4}$  cor is) Nly to  
North line. (Var 6° E.)  $\frac{41.37}{1.84} = 22.48$   
Fall 1.84<sup>ch</sup> W of NE corner = 2.0443

NE corner West on  $\delta$  variation

- .72 $\frac{1}{2}$  Fence N.

0.0 NE corner

1.84 Intersect random  $\frac{1}{4}$

∠ S to W 95° 43' 191.25

21.08 N + set E  $\frac{1}{8}$  44 "

Tamarac post .524 ch N of random

0" var. } Spruce 4" S 28° E .559



11-39-9

42.19 Intersect N+S fence  
1.049 S of Allen's  $\frac{1}{4}$   
post in fence corner  
and agreeing with  
his (dead) Tamarac.

$\angle E$  to  $N$   $88^{\circ} 16'$   $176^{\circ} 32'$

$\therefore$  at 42.16 right angle  $N$  to  $\frac{1}{4}$

1.049

$.02489 =$

Tang.  $1^{\circ} 26'$

Should have run or

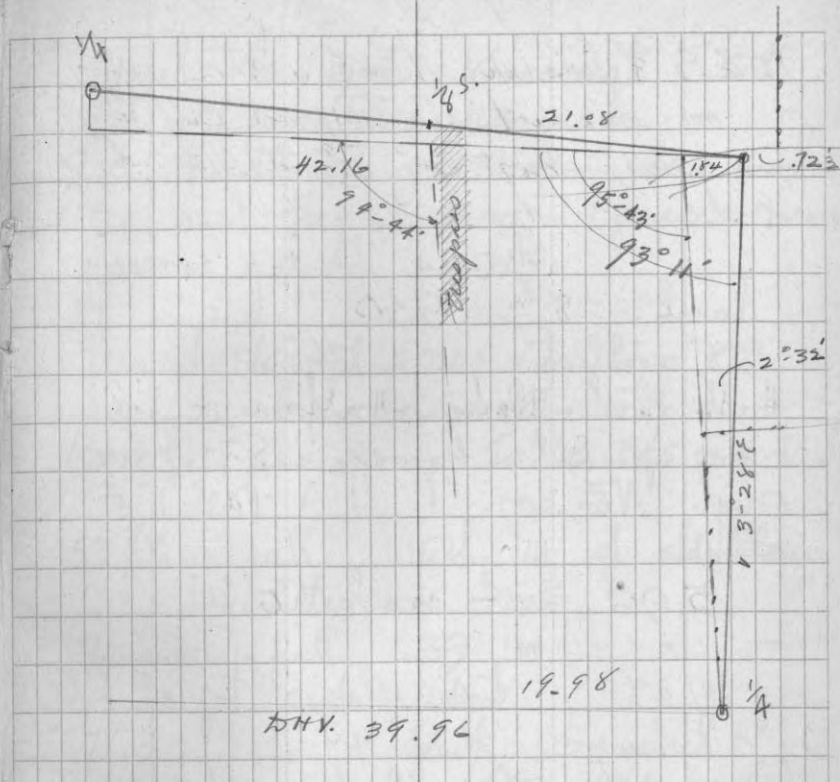
mark new trig. for  $\frac{1}{4}$  bet.  $\frac{2}{11}$

V2E Spruce  $4^{\circ} N 4\frac{1}{2}^{\circ} E$  .88 ch.

Since H. Vaughan's record for  $\frac{1}{8}$  quarter  
shows a convergence of  $1^{\circ} 33'$   
+ since our angle was  $93^{\circ} 10'$   
at NE cor. (true  $\frac{1}{8}$  to random  $\frac{1}{4}$  S to W)

$\therefore$  angle at  $\frac{1}{8}$  line =  $\frac{93 \ 10}{\ 1 \ 33}$   
 $\underline{\hspace{1.5cm}}$   
 $94^{\circ} 43'$

$\therefore$  turn  $W$  to  $S$ .  $94^{\circ} 43'$  at 21.08  
+ run line of pickets  $S \frac{1}{4}$  }  $\frac{.043}{21.037}$   
on true  $\frac{1}{8}$  line.  
(Var.  $5^{\circ} E$ )  $\checkmark$



Sec. 27 - 39 - 5 E

N & S  $\frac{1}{8}$  line in NE Quarter  
on account of trespass cutting  
(pine) along  $\frac{1}{4}$  SE  $\frac{1}{4}$  NE  $\frac{1}{4}$ .

E

March 28<sup>th</sup>, 1940

+28° Sleet 26" snow +

Hall with Duke, Halfman + Kibler

Line pickets by eye S<sub>ly</sub> from  
orig. NE cor. Var. 1° E ±

chains.

5.96 E road NE SW

19.68 E+W blazes. top of hill

22.37 base of long slope +  
enter swamp WSW + ESE40.00 Tally + search for '45  
no luck39.73 = fall 1.05  $\frac{1}{2}$  ch W of orig  $\frac{1}{4}$   
Sec XVII 1040.93 fall .93 W of old N+S  
blaze on 9" Tam. stakeSet Tall flag at our 40.00 Tally  
1°-18'

E

April 1<sup>st</sup> 1940 Overcast 20°Same party as Mar. 28<sup>th</sup>Set Transit @ 19.34 + in line with  
NE<sub>x</sub> and flag at 40.00. (passes thru  
narrow gap in pines.)Transit beyond 40.00 + in line +  
continue random line S<sub>ly</sub>  
(base of flag found to be .005 W + 40.01<sup>S</sup>)53.88 fall 1.15 ch. W of old blaze  
winter rd. SE

72.00 fall 1.39 W " " "

78.00 set picket

78.30 to N. bank Squirrel R,  
.50 wide, SE (Rec = 81.)Obviously Orig cor set on line of  
old blazes but hardly 80.00 S<sub>ly</sub>  
NE cor.

Fail to find post or lone bearing.

- Henry Shlbom says<sup>(a)</sup> post stood on  
N. bank of river back in 1927-28

10/25/40

Searched again for SE<sub>x</sub> no snow  
no success  
found Tam stake 1.47 ch E + .90 S of 78.00  
+ flagged same.

27-39-5

April 2nd/40 Overcast 25°  
 Hall, Halfman + Kibler  
 @ at 90° from 78.00 1.47  
 (to fit last 2 blazes found)  
 Thence W to S 90-46 .90  
 = 78.91 To N. bank river

Chain wly thru brush on Pocket  
 Compass line Var. 3°  
 (magnetic "unsatisfactory")

0.0 line of blazes N  
 .50 ± river } ESE

3.00 over do " " skirting low

(between 10+15 ch)

30.90 To Squirrel R. 40 (N.)

34 To

35 over bend " NW + SE

40.00 mark Tally on 2" Aspen

40.60 ± low marsh

44 1/2 re-enter "

— low "

65.30 ± re-enter "

74.60 Sq. R. 60 wide

81.20 fall <sup>12-48'</sup> 2.55 ch N of old  
 squared Tam stub with  
 cruiser marks.

(I searched here on bare ground  
 in 1935 but could find no  
 bearing trees. At that time I  
 set a tall flag for ~~40~~ north  
 but can not find where it  
 stood. Stubs then standing  
 are down now.)

81.24 direct

- .10

81.14

40.59

probable excess in brush meas.  
 = 1/2 \$ for this survey.

H. 27-39-5

Fair +25°

March 30<sup>th</sup> '40 (Saturday AM)  
Hall, DeWalt, Shilbom + Cary.  
NE cor. west on Transit Random  
var 5° E

(Had run W on 22° in 1935 PC.  
+ fell 10 steps N. of fence cor in  $\frac{1}{2}$  m.)

angle S to W (randoms) 88°-03'  
Cut out  $\frac{1}{2}$  mile + - did not measure

PM April 3<sup>rd</sup> '40 +32° sheet.  
Hall, Duke, Halfman, Kibler  
Chain W<sup>g</sup> on random

0.0 NE cor. (post)  
9.187 Hub  
9.32 R + 1.00 on 17°-25' =

954

10.274

(9.60 ± old road NE)

12.55 enters open bog NE + W SW  
15.279 Hub

19.983 at L N .55 + drive 6' 9.9. for  $\frac{1}{8}$   
mark:

0 } Tam. 2" N63° E  $\frac{ch}{1.13}$   
var } N. Pine 11" S21° W 1.64

10/24/40 Push down Tam stake  
alongside iron

20.00 Hub

21.146

21.90 br. marsh SE + NW

22.00 + 1.001 at 15°-02'

.967 + 1.00 @ 6°-17'

.994

.04

24.00

25.26 Hub + enter field

29.967 at L N 110 lk + drive Iron Bolt  
+ mark:

10/24/40 1°  $\frac{1}{3}$  J. Pine 6" N53° W  $\frac{ch}{.45}$

+ set cedar post.

40.05 Hub

40.43 fence (N+S) .71 S of fence cor  
S + NW

(Had figured - this might represent  
- the Orig.  $\frac{1}{4}$  S but evidence is  
conflicting)

Hub

52 ± enters spruce swamp.



11)

N 27-39-5

Continued

55.40 br swamp

59.95 rt.  $\angle$  N + drive I. P  $\frac{1}{8}$  ch

|      |   |                          |
|------|---|--------------------------|
| VARO | } | Soft maple 5" N70°E .112 |
|      |   | W. Pine 8" N23°E 1.08    |

10/24/40

+ set new Tam. post

64.998 transit at brow of hill  
(our old picket line (brs N 1.20 $\pm$ ))+ 2.904 (3.00 @ 14 $\frac{1}{2}$ °)

67.902

enter spruce swamp

78.178 turn  $\angle$  right to our post  
at Gign. Cor 21-22-27-28

|          |           |
|----------|-----------|
| 51°-22'  | 2.81 ch.  |
| 102°-45' | = 1.787 W |
|          | 2.198 N   |

1.757

79.935 rt  $\angle$  N 2.198 ch to cor.  
1°-34 $\frac{1}{2}$ ' fall S.  
79.96 Machine

239.967

19.983

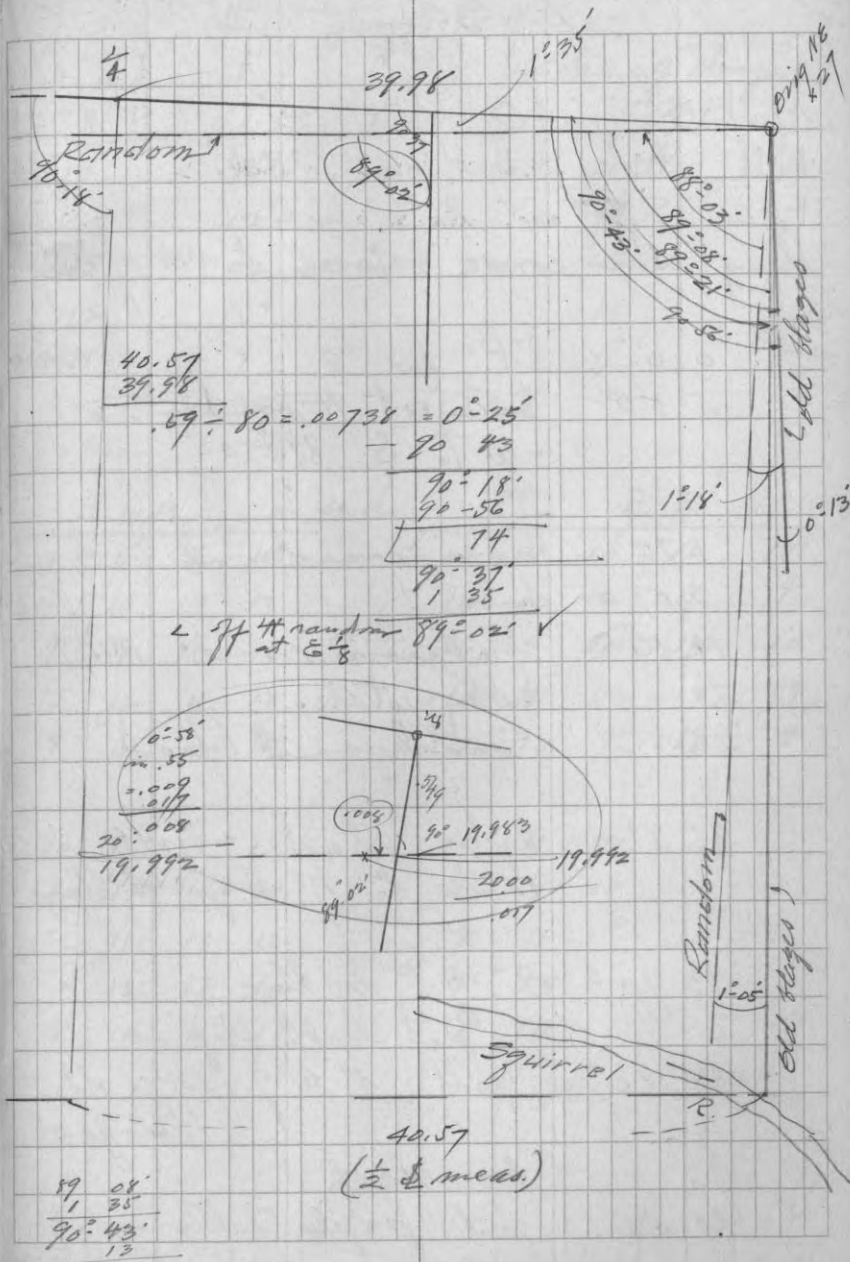
59.950

1.099

.549

1.648

12





4W S $\frac{1}{2}$  NE

27-39-5

April 5<sup>th</sup> 1940 fair 30°

Hall, Duke, Halfman, Kibler

Run S $\frac{1}{2}$  on E $\frac{1}{4}$  line(being mean course between E $\frac{1}{4}$  & NW $\frac{1}{4}$ )0.0 I.P. for  $\frac{1}{8}$ .55 Intersect W-random  
-W to S 89°-02'

1.70 leave marsh W. of S end

3.07 hub

14.16 Anderson road NW

20.00 tally stake

20.83 Scotchman Road

26.81 Enter slash + fall  
14 lbs E of 10 yr old blaze33.70 = 9" y.P. on line  
put double blaze on do33.80 fall 4' W of 10 yr old  
blaze

36. hrs slash.

40.00 set people tally on line

Tally of stumps E. of line  
(dia. of stumps)  
y.P.

N. end

W. P.

17

8

10

13

12

12

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9

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9

7

17 Totals

W.P.

S. end

y.P.

7

11

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17

81

(44)

(37)

Gr. Tot 98

## Squirrel Hill

29 + 32 39 - 5 ( $W\frac{1}{2}$ )Mar. 15<sup>th</sup> 1940 Partly fair 20°  
Ely on random (588 ± 04'E)

from Tempy cor to Secs. 29-30-31-32

(S 5-36'W 41.505 from Orig. 430/29)

Mag. Var. of line = 0°

± randoms N to E 86-20' ③

0.0

Tempy cor.

+ .449

Set of final cor. S at rate .013 ch.

→ See book II Page 61

1.55

E Tower road

6.76

Hub on shoulder (.081)

14.358

" (N. cor) (.163)

Tower to SW = 10 to S

52°-05' ± = 104°-11' ±

CST  
3:02 PM  
Sun

40°-17' ± alt 28°50' 30°F

18.

enter thick growth

19.

" Swamp (NE)

19.568

Hub

20.136

correct S .225 + set  $\frac{1}{8}$  cor.

(.568)

= West  $\frac{1}{8}$  bet. 29+32

4/12/40

Snow Rod for cor. (wood post 1' ± 10.99m)

Vas

Cedar 10° N 42' ± E .38

1°-20' E

" 9 S 24' ± E .32

Corrective S. = (Sta - .45) x .0108 + .019

Mar. 22<sup>nd</sup> 1940

continue random

24.40

E camp

31.00

R + observe Sun = E to S DS. 331

Temp. +15°

Time my watch  $\frac{1}{2}$ ' fast with CST

① 10:30:10 alt 40°-13' = 55°-34'

② 10:31:55 40°-21' 56°-06'

③ 10:33:15 40°-30' 56°-32'

38.79

R L right SE to post at Orig  $\frac{1}{4}$  (.427)

22°-58' ✓

1.12 = ch.

② 45 SE

= .438 S + 1033E

+ 1.033

∴ 39.823

at = S .438 to  $\frac{1}{4}$  S..01100 = Jan 0°-38' Feb 11  
18 04

∴ Direct line from Tempy cor = 387°-26' E 39.825



17 (6 1/2) Line bet 30 & 31 39-5

March 26<sup>th</sup> 1940 Partly fair  
with Duke, Halfman + Kibler  
Westerly (S 87° 42 1/2' W) on random  
from nr Tempy Sec. Cor.  
by S to SW 82-06 1/2'

447 Final Sec Cor to S at sta

0.0 Tempy cor. .046 ch.

5.00 tally

14.24 enter swamp (open)

(US record = 14.46) on 14.69'

19.30 Tempy 1/8

19.191 Connect S .025 ch for 1/8

Drive 6' iron rod with

long cedar post alongside

no bearings near

23.43 W. Swamp N+S (US. vic = 25.46)

25.768 Hub (.018)

28.70 Fall .23 1/2 S of upper bulge (.25)

big boulder.

32.371 Hub (.011)

(1/4 deflects SW 0° 02' = S 87° 40 1/2' W)

38.829 Fall 1/2 link N of 1/4 S.

+ 2.93 on same corner (Tempy pipe)

41.76 to old road NE SW

Direct line S 87° 42' W from Tempy cor.

Conjecta (S) = (Sta. - 3883) x .00104 + .005  
 on random @ "1897 - E to SE to March 19-20"

30-39-5  
SE SW

April 9<sup>th</sup> '40 Fair 30°  
with Duke, Halfman + Kibler  
Produce Truc E Ely from W 1/2 (Don)  
Fall 7" N of 1/4 S  
E to NE to pt. 7" N of sta 32.37  
2° 36'

A very poor chance to close angles.  
On this basis true Ely W 1/2 = S 87° 40 1/2' W  
+ 2 36'  
90° 16 1/2'  
179 50'  
N 89° 43 1/2' W  
∴ True W 1/2 = N 0° 08' E

Substitute Co. Monument for our I.P. at  
Origh. S 7 30, 14" exposed  
Cedar post on Waide man.  
1/4 True ch W. Pine 9" (48°) S 38° W .788 ch.  
Adj. 2-40 y " 9" S 22 3/4° E .789

This location fixed by extension of Davis  
Centre 4 S 1/8 + Degree  
very well with a stump found  
(S 59° W 22 lbs)

Our SW 30 as fixed by extension of  
Davis E SE SW on Pro rata is only  
1 1/2 lbs west of a direct line from SW 39-5  
N to orig W 1/4 30!

See "1/58"

30

West.

|               |        |
|---------------|--------|
| 38.859 W      | .005 N |
| .447 E        | .046 N |
| <u>39.276</u> | .051   |
| 19.638        | .025   |
| <u>.447</u>   |        |

Sta 19.191 W correct S. 025

|               |               |
|---------------|---------------|
| 39.276        | .041          |
| <u>.00104</u> | = 87° 42' 1/2 |
| S 87° 46' W   |               |

40.592 ← 19.638 S 87° 46' W.  
39.276

orig 1/4

Iron Rod + cedar post  
"BT" only W. Pine 7" N 48° 10' W 1.055  
(fence S 12° E) " 8" N 45° 40' E 1.252

1/2 08 "at p. 24 S 44° 20' E .43

31

N.B. — Set 1/4 + N 1/8 4432

erroneously by confusing  
N 1° 26' E + N 2° 24' E

Corrected + referenced as  
noted.

Book 10 P. 27

Est. R.H.  
1938

31

32

Twp. Line

orig 1/4

S 5° 26' W  
20.745  
14.598  
91.491  
@ 6.197 (N 49° E)  
Tower to S 23° 04' E

14.34 (S 87° 46' W)  
Tower to S 72° 57' E

Tower to S 23° 04' E

ii @

S 87° 27' E  
39.376

N 0° 20' W 82.997

N 20° 24' E

20.745

North

19

|                         |         |
|-------------------------|---------|
| ∠ 87° 58'               | 0.372'  |
| cos .0355 x .449 = .016 | .01082  |
| <u>-41.505</u>          |         |
| 2) 41.489 at L.E.) .449 |         |
| 20.744                  | .224 E  |
|                         | for 1/8 |

13.783 (S 87° 27' E of east)  
Tower to S 29° 50' W

orig 1/4

19.686

East

|                 |      |                 |
|-----------------|------|-----------------|
| 39.823          | fall | .438 N          |
| .449            |      | .013 N          |
| <u>39.374</u>   |      | .425            |
| Tru line 39.376 |      | .01079 = 0° 37' |
|                 |      | 88 04           |
|                 |      | 37              |
|                 |      | S 87° 27' E     |

|                       |              |
|-----------------------|--------------|
| 2) 39.374             |              |
| <u>19.687</u>         |              |
| + .449                |              |
| Sta. 20.136 correct S | .438         |
|                       | .013         |
|                       | <u>145.1</u> |
|                       | .1225        |

32

South

2 = 24 1/2  
20 1/2  
2 = 44 1/2 correct in W

Sin. .04783  
Cos. .99885

|                       |           |
|-----------------------|-----------|
| 2/82.997 on true line | 1885 W    |
| 2/41.499 = 41.513     | on random |
| 20.749 = 20.725       | .992      |
| 62.248 = 62.178       | "         |
|                       | (.978) W  |

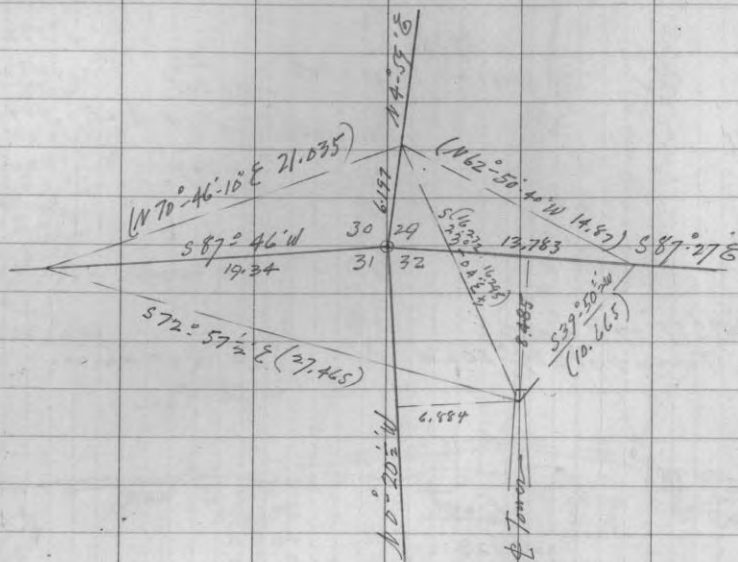
@ 5.467 ch. why of cor. (on random)

NE cabin to S 13 1/4° E

4.37 3/4

ii from acc cor " "





ii & Tower calc.  $S 38^{\circ} 14' E$  11.207 ch from  
Sec. Cor.

iii on true  $40^{\circ} 32'$  (8.844 Sly from cor.) Tower brs Ely  
at right  $\angle$  6.884 ch.

on true  $44^{\circ} 32'$  (7.321 ch Ely from cor.) Tower brs.  
Sly at rt angle 8.485 ch.

|                |                 |                            |                     |                 |
|----------------|-----------------|----------------------------|---------------------|-----------------|
| Cut out        | concealed line  | Ely to                     | $\frac{1}{4}$       | $\frac{29}{32}$ |
| Blazed         | "               | Wly "                      | $\frac{1}{8}$       | $\frac{30}{31}$ |
| Cut out        | "               | Nly to                     | $\frac{1}{4}$       | $\frac{30}{29}$ |
| "              | "               | Sly to                     | $N \frac{1}{8}$     | $\frac{31}{32}$ |
| from Sec. Cor. | Tower cabin brs | $225^{\circ} 37'$          | 6.27                |                 |
| "              | "               | (calc. $225^{\circ} 10'$ ) | <del>6.24</del> ch. |                 |

Sec 26 - 39 - 6

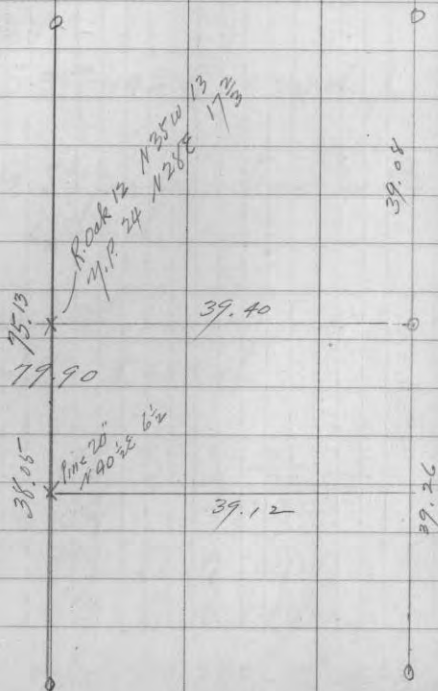
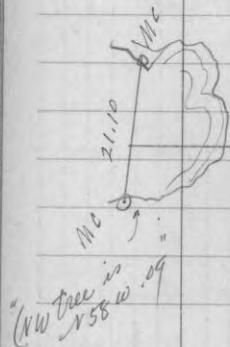
4 SE 1/4 SW 1/4

June 3<sup>d</sup> 1940 To Rhineland

Look up data in Co. Surveyors office.

Find B.F. Don <sup>4/56</sup> made partial subd<sup>n</sup> of Sec. 26 in Dec. 1895He ran  $\Phi$  and both 1/4 lines  
Trying to pro-nata w 1/4 in lake  
(set between orig. meanders.)

N + S 1/4 line meas 75.13



N 1/4 26

D.H. Vaughan claimed orig cor 1914 +  
marked W.P. Stp 18 N 75° E .425Clayton Vaughan in 1924 used same point  
+ marked W.P. Stp. 30 S 40° W .87 3/4June 4<sup>th</sup> 1940 PM rainy  
Had all new crew.Checked Vaughans point for N 1/4  
Jacks in old # 51 1/2 dist from  $\Phi$  to shoulder  
Vaughans stumps Br. N 72° E .42 1/2  
S 41° W .87 3/4Another Stp marked "OBT" S 28° W .41 3/4 ?  
A tall iron pipe for S 18° W 1.15Begin traverse S/E along old + new 51  
in chains. (Prismatic compass)  
from temporary peg Vaughans north 1/4



June 5<sup>th</sup> 1940 Fair dance party  
Re-run traverse from beginning  
with transit (+ re-measure)

" @ Δ 1 Var set  $2^{\circ}20'E$

Sta 0.0 to: N  $21^{\circ}50'W$  5.51 ch.

Δ 2  $194^{\circ}27' = S14^{\circ}27'W$  9.695

Δ 3  $177^{\circ}16' = S2^{\circ}44'E$  12.00

(parallel New 51 - along w. edge Bit. Surf)

Δ 4  $164^{\circ}29' = S15^{\circ}31'E$  14.365

Var dec. to  $1^{\circ}40'E$

= S 40.330 E 4.042

Doris Center 37.157

0

3.176 N 4.042 W

i. Search N  $51^{\circ}51'W$  5.14' (nothing):

Δ 5  $185^{\circ}34' = S5^{\circ}34'W$  9.89 at <sup>entrance</sup> Sprague rd

Δ 6  $216^{\circ}39' = S36^{\circ}39'W$  5.562

Δ 7  $165^{\circ}26\frac{1}{2}' = S14^{\circ}33'E$  2.98 thru brush  
to Doris & SJC?

thence  $179^{\circ}29.3' = S0^{\circ}30.7'E$   
Δ 8 on line with N  $\frac{1}{4}$

Traverse N & S  $\frac{1}{4}$  Sec. line

① S  $0^{\circ}30.7'E$

1.95 ± Hi-line (SE)

6.15  $\frac{1}{2}$  Hub + adjust  $\frac{14'}{100}E$  to =

course noted above

Var here on  $0^{\circ}$  line =  $3^{\circ}10'$

10.342 Hub var "

14.498 "

19.21  $\frac{1}{2}$  " (w. edge) + fall .087 W.

of probable S  $\frac{1}{4}$

(drive peg for " at record dist  
from a "y.p. stp

(N 17 W .07) (small)

19.31  $\frac{1}{2}$  E-W fence 1.005 ch W. of

" South.

no evidence of  $\frac{1}{4}$  at fence cor.  
(nor elsewhere)

We assume Orig. to have been .087 E

of 19.21  $\frac{1}{2}$  since this agrees  
well with interior points  
tentatively recognized.

Therefore, if no chaining errors were  
present in Doris survey or our own

The Orig. North  $\frac{1}{4}$  stood about  
1.26 ch. SW ( $S12^{\circ}24'W$ ) from RHW  $\frac{1}{4}$

J. Haessler tells me J. J. McDonald  
claims the tall iron pipe as the  $\frac{1}{4}$ !

Sec. 26-39-6  
continued

June 7<sup>th</sup> 1940 Overcast to fair  
Same party  
Re-examine vicinity of S4 to <sup>purpose</sup> us

Run Easterly on random  
from point we believe to be Davis  
Center Sec.

Var. 3°-26'E

0.0 Davis Center? on oak peg  
↳ E to SE to Δ4 28°-19'

3.22 E present #51

4.12 Hub

7.562 "

10.555 " Var. of line here 2°-31'

14.85' "

19.69 " no sign of an eighth cor.

21.82 "

June 10<sup>th</sup> 1940 continued.

25.25 with blough hole (92)  
26.25 occs do  
26.59 Hub + Staene Sun 70°F  
↳ E to SE to Sun

① 9:09:5 AM CST alt 49°-03' 20°-52'

② 9:11:35 49°-25' 20°-21'

③ 9:12:45 49°-45' 20°-53'

30.04 E road 100' S. of jet EYN

31.187 Hub

32.59 "

33 to 33½ arm of swamp.

34.28 Hub

35.41 To flooded marsh + quit

Solar at Vaughans N 7/8 from map

Orient on Δ1 as 158°-10' Lat 45°-50.7'

Long 89°-42.9'

① 3:22:20 43°-15' mds 259°-15' 258°-39'

② 3:23:45 42°-57' 259°-25½'

③ 3:25:40 42°-38' 259°-49' 259°-24'

∴ assumed meridian hrs. N 0°-26'W ±

29

Sec 26 - 39 - 6 E.

Feb. 8<sup>th</sup> 1941 Hall + Dewalt

Find old post in Iron pipe at  
E 4. agreeing with stp. of SE orig.  
Tamarac. Part of scrub marks  
visible low down + overgrown.

Other not evident. Sur random  
falls  $\delta$  about 16' - drove  $\frac{1}{2}$ " x 5' rod at  $\frac{1}{4}$

Feb. 14<sup>th</sup> '41 Hall, Crase, Miller, O'Connor.

Extend one transit random by eye  
+ meas. (in feet)

2262  $\frac{1}{2}$  hub (34.28 ch.)

2343' enter marsh NW + SE.

2615' fall 14.9' S of orig. E  $\frac{1}{4}$   
.0057  $\delta$  = 10°-20'

2600.4 Don (39.40 ch.)

2600) 14.6

.0056 surp per

Reference  $\frac{1}{4}$  S

Aspen 6" N37°E PC (in run) 58.4'

N. Pistp 20" N22°W " " 106.2

no pointed

margin of surp N72° + E 135'

Since apparent true course of random =  
N89°-12'E,

True course of line  
from C to E 4 = N88°-52'E

13/194  
600

Indicated correct line (S88°52'W from C)

30

Sec. 17 - 38 - 5 E.

East Line

June 27<sup>th</sup> 1940 Jais 65°

R.H. Hall with crewless Foreman + Zettler

Northerly on random

from Orig. Cor. Secs. 16-17-20-21

Var 5°-20' E.

2.50 W. Swamp E + W

3.82 Hub V. 5°-20'

4.35 re-enter Swamp SE + W

10  $\frac{1}{4}$  W marsh SE11.73 Hub + observe (Sun) (Lat 45°-46.5' Long 89°-53.1')

Time my watch (found 1' slow)

① 2:56:20 alt 48°-27' + Stow 74°-49'  
Sun calc S72°-16'W line S2°-33'E.

② 3:03:05 47°-21' 76°-25'  
73°-52' line = S2°-33'E

④ 3:06:50 46°-42' 77°-16'

③ 3:05 47°-02' 76°-51'  
Sun calc S74°-18'W E2°-33'E

13.63 E #2 track trail (N16°E)

15.875 Hub

18.797 "

20.00 Tally stake

1305' correct E 14.85 + set cedar 8'  
no bearings near



17-38-5

continued.

E radon

6/28/40

23.46

Hub

28.598

"

36.807

Tally

no definite ridge

of  $\frac{1}{4}$  S2610 set  $\perp$  E. 29.7' + set Co. Mon.16" exp. for  $\frac{1}{4}$  S. (& Pine stake)

" 18.2' on foot of 40" WP at p

+ run E by parallel for N  $85^{\circ} 00' \pm$  18.2'41.17<sup>2</sup>

Hub

July 1<sup>st</sup> 40 Fair 60°

Ray H. Hall with Clairmont, G. K. Kato

41.17<sup>2</sup>

Vis. 4° 55' E

49.00

Hub " 5° 03'

" Tack  $\frac{1}{4}$ " too far W.

54.10 To 57.58 in W. edge marsh

55.

Tally

57.58

Hub

" on ridge  $\vee$  4° 45'

" at S. edge marsh

July 10<sup>th</sup> continued (with 100' tape)

Hub 57.58

= 3800.3'

+ 147.

3947.3

Hub on rise (44.92)

3915

Correct E 44.55' from  $\frac{1}{4}$  S

4309.15

Hub

+ re-enter marsh

4500.

lv

just E of NW cor.

4569

Hub

+ Turn  $\perp$  N to E - thru

7° 02'

14° 04'

opening

655.9'

To intersect traverse E of Sec. Cor.

 $\perp$  SW to W

To

82° 56'

16-38-5

True line  
N 1° 57' W  
5220.4

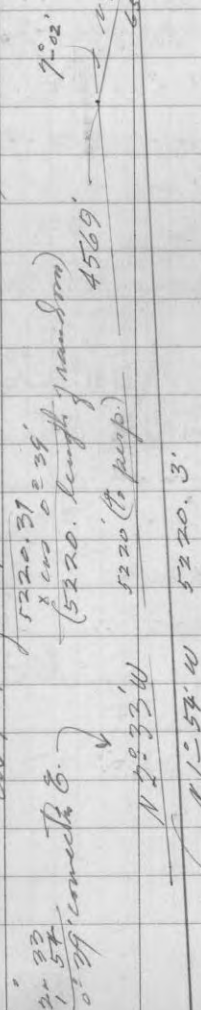
2031.3  
20.9  
224.2  
51.3  
172.9

51.3

7

4564.5  
655.9  
5218.4  
5217.5

N 2° 33' W 4569  
N 4° 29' E 655.9  
S 87° 25' W 20.9  
1.57  
0.29 connects to



87 25 1/2  
3 37 1/2  
91 03  
178 20  
S 88 57 W  
50 3/4  
S 89 47 3/4 W

± True Orientation

0° 50 3/4

N 88° 57' W  
2547' 589° 47 3/4' W

Comp. 1/4

CA W 1/2 16 7/9/40  
Wly on random from origl N 1/4  
Ran on Var 2° (Could not locate  
my note of P.C. course -  
I should have been near 3°)

Equal  
0.0 RR iron 1/4 S  
Hub 2.96'  
2008 = 3,042  
7.20 lo. swamp N + S.  
Hub 8.78  
594.8 = 9.013  
931.2 = 14.11  
13.75  
16.60 enters marsh  
20.00 Tally on line  
1273.45' correct of 18.8' + set gales.  
iron pipe for 1/4 S (Tape post  
alongside)  
(at S. edge marsh)  
1/8 0.745 } Poplar 6" S 48° W 1.9'  
P.C. { B. Spruce 4" N 48° E 66.1'  
25.60 lo. swamp  
25.69 Hub. boys snapped the tape  
1695.5 so ran hence w/o meas.

16-38-5

continued 4th (in feet)

7/10/40 with Clairman, Foreman &amp; Nelson

1695.5' Hub

Transect on ridge - slope meas E to W

+ 88.12 92.9 @ 18°-27'

1783.62

+ 6.45

1790.07

pitch hut on summit

1783.62

+ 98.83

1882.45

+ 71.

1953.4

Hub (29,596 ch)

Turn - left to our post at

Origh Cor 8-9-16-17

3°-38' 7-15' 3°-37' 7-14 1/2'

✓ 3°-37 1/2' 594.7' to cor

@ 573.8' int. 4th traverse

+ 6 to S 97°-03.5'

+ 593.5

2546.9

at 1st to cor. / 37.6

.01477 =

0°-50 1/4'

1273.45

14.8 at 1/8

July 12-24-25 cut out true lines

Lake Survey Bench Marks.

Set WCA

" " " using concrete blocks 3.8' long (6" sq. column + 12" base)

Copper spike + disc set in top.

@ L. Kathryn 11° 38' - 6

7/16/40 with Foreman, Clairman, Beady

set mon. 50' (170°) W 1/4 W. extremity

#51 Hwy bridge (nail)

Transect 40' S 1/4 from &amp; paving.

| B.S. | Transect H.I. | F.S. | Elev. | by  | Method           |
|------|---------------|------|-------|-----|------------------|
| .20  | 100.20        | 5.79 | 94.41 | RAH | Transect         |
|      |               | 1.07 | 99.13 |     | Tempy BM (March) |
|      |               |      | 4.97  |     | above in "       |
|      |               |      | 94.16 |     | " "              |

7/16/40

Clear Lake (Sec. 17-39-7)

On Govt. Lot 5 about middle of frontage

At N. edge cleared camp site

Set BM monument 6" exposed. assume \$100.00

Pump brs S 20° W 15.4'

| B.S. | Transect H.I. | F.S. | Elev.  | by         | Method          |
|------|---------------|------|--------|------------|-----------------|
| 1.99 | 101.99        | 5.98 | 96.01  | RAH        | Transect        |
|      |               | 1.68 | 100.31 | Tack (BM)  | 4.74 above lake |
|      |               | .44  | 101.55 | Pump point | 2/13/40         |

Then <sup>10/16/40</sup> ~~set~~ Williamson had set similar BM  
 84 1/2' N (24°) E of ours (Elev. 98.70) 3' from shore



## Lake Survey

Mimocqua Lake.

Sec 14-39-6 E.

July 17<sup>th</sup> 1940 with Foreman <sup>Presley</sup> Clarron  
 Set B.M. (flush in lawn at Municipal  
 Bathing Beach.)

Line of E. main face new bath house  
 750' out (N 19° W) 13' S of shore

Assumed Elev. of B.M. 100.00

| B.S. | H.I.   | F.S. | Elev. | by     | Method   |
|------|--------|------|-------|--------|----------|
| 3.34 | 103.38 | 8.47 | 94.91 | R.H.H. | Transit. |

|      |        |      |        |          |              |
|------|--------|------|--------|----------|--------------|
| 3.97 | 103.97 | 1.47 | 102.50 | our Tack | B.M. 3/28/39 |
|------|--------|------|--------|----------|--------------|

was 6.53' above  
 mean ice level

Pina Lake § 36-39-4 E.

July 26<sup>th</sup> 1940

Set B.M. 5" exp. on corrected range line  
 between Sec 36-39-4 + 31-39-5

1.93' N<sup>64</sup> on line (by compass)

from our N.C. (N shore)

" is 23.53 ch. S. of Orig

N<sup>64</sup> x Aug. 36

| B.S. | H.I.   | F.S. | Elev. | by       | Method         |
|------|--------|------|-------|----------|----------------|
| .09  | 100.09 | 8.34 | 91.75 | R.H.H.   | Abney          |
|      |        | 3.58 | 96.51 | our Tack | B.M. 7/3/27/40 |

4.92' above  
 water  
 3/27

Scrub 2 logs to N.C. 11/59

## Lake Tomahawk

July 26<sup>th</sup> 1940Locate Orig. N.C. +  $\frac{1}{4}$  S.

North line of Sec 3-38-7 from H.C.H.  
 Tie-ins made Spring 1933  
 Book 11/15

Set H.C.H.'s Oneida Co. concrete Mon.  
 on new fill. 25.8' S W<sup>64</sup> from road §

Manies X on "post N - W 11.82'

" X " " N - E 8.74'

B.M. Mon. (see below) from S 42° E 83.0'

In relation to the pine (BT (meas. 168' W)

" as set is short 2' + N<sup>64</sup> 1.55' Kildeuff

" beyond .35' + N<sup>64</sup> 1.4' from V.M.M.

\* Set B.M. Mon 5" exp. on Hwy P.O.W.

75 $\frac{1}{2}$ ' S W of § 47

" referenced as follows:

Orig.  $\frac{1}{4}$  (N.C.) from N 42° W P.C. 83.00'

W. corner cottage S 20° E 22.06'

| B.S. | H.I. | F.S. | Elev. | by | Method |
|------|------|------|-------|----|--------|
|------|------|------|-------|----|--------|

|      |        |      |       |        |       |
|------|--------|------|-------|--------|-------|
| 1.20 | 101.20 | 6.65 | 94.55 | R.H.H. | Abney |
|------|--------|------|-------|--------|-------|

.28 100.92 our mark of Mar. '39

" was 7.40' above  
 lake then

\* M.M. removed by order of O. Berang

" says W.P.A.

has one at Legion Camp!

## Lake Survey

Blue Lake 28-39-6E

August 2<sup>nd</sup> 1940

Set WCD B.M. monument on

§ Sec 28 (W. of bay)

9' E of Orig MC #41

8' SW of shore

38' NE of E. Town Road

On line between Govt Lot 6 Sec 28

100.00 Bnt " " 1 Sec 33

BS H.1 F.S. Elev. by method

.31 100.31 6.36 93.95 R.H. Abney level

(NB. - our tempy B.M. of last winter on pin E. of bay can be connected at some time when instruments are available.)

1/2 - 2-38-7  
 Found our mon. for N<sup>1</sup>/<sub>4</sub> (MC) already stamped by ? " not indicated so I put this on.

Removed B.M.

36-39-4E.

July 30<sup>th</sup> '40 Fair 75°  
 Hull with Foreman + Nelson  
 Conest + brush out true Range  
 Line N. of lake  
 @ 367.8' S. of NE cor. set white  
 post (19.4' N of E road)

marked 368'

For MC (N. shore) set cylindrical  
 concrete monument - with iron core  
 in place of our iron rod  
 + 1.93' S of the B.M.

Set Cedar post on S. side of mon.

A. Ahlborn has flayed up trees 75.5'  
 W of line @ 31' N of MC. !

38-4

Aug. 1<sup>st</sup> 1940 with Foreman, Nelson, <sup>Bendley</sup>  
 Search for Orig. "4"  $\frac{16}{21}$   
 Found nothing.

Went back to my tempy cor 15-16-21-22  
 (set at Rec. dist. W. of orig.  $\frac{4}{22}$  +  
 on line of old spots)

Extend same line west by eye  
 pickets.

Aug. 5<sup>th</sup> '40 Meas. W<sup>g</sup> on our  $\frac{1}{2}$   
 0.0. Temp. SE x 16 (W<sup>g</sup> road)  
 660 at Tally  
 897.2 picket  
 905.  $\frac{1}{2}$  old grade NE  
 1327 set Tally at  $\frac{1}{2}$  NS record.  
 1980 " "  $\frac{1}{4}$  E  
 2654 " " " NS record  $\frac{1}{4}$  S.  
 + set line of pickets N.  
 on 2°

In + out of drier swamps.  
 from 1800' on - all people.

2800 10' N of swamp  
 2900 in " drain N+S  
 2923 do " "  
 50 ch) 3300 Tally in open - rolling  
 3885 set stake at river.  $\frac{1}{2}$   
 3892 E side river  
 3925 mean  $\frac{1}{2}$  "



Sec 9-38-4 E

Aug. 6<sup>th</sup> 1940 fair. + Nelson  
 R.H. Hall with Beasley (dr.) Clairmont, Foreman

Start Ely on random picket line  
 from my cedar post at Ough

cor. Sds. 8-9-16-17 38 - 4

Var  $1\frac{3}{4}^{\circ}$  E

116. leave swamp opp. Palsans

325 = enter " N S

.0218

421.5 fall  $7.2^{\circ}$  S. of an old flag

x 458.5 "  $11.0^{\circ}$  S - - -

.0239

534 lv. swamp N E.

600' correct N 13.74

720 " " 16.50

Theme Ely on this altered course  
 backsighting on S. edge. Tall stub

found flag @  $458\frac{1}{2}$ . Var  $3^{\circ}$  E

Resume meas from pt. N 7720

as

800' swamp edge N E + N W

999' Boatjack Cr. 3' (SE)

1100 To 1180 arm of alders from N.

1328 people Tally 17m  $\approx$  1/2 record

1900 " "

Aug. 7<sup>th</sup> '40 fair. same party  
 Continue same random Ely

2133' enter alder + Tam. sup NW SE

2294.6 cut Tam 5" (S. edge on line)

2418. lv. swamp N E + S

2656. set cedar stake for Temping  
 $\frac{7}{4}$  (at 1/2 record)

" lv. down timber for open  
 find us  $\frac{7}{4}$  men line

2979.9 " picket (SE)

3140 enter alder + Tamarac Swamp

3441 to 3520 hard knoll in swamp

3500 Tally picket

3643 Creek .10 (SE)

3690 lv. swamp (SE)

3984.7 Temping Tally (E S)

(3/4 of 1/2 record)

4200 stake + quit for day

9-38-4 E.  
 E continued

August 12<sup>th</sup> 40 overcast - rainy  
 R.H. Hall - Clairmore Foreman, Nelson

4246 enter swamp (no sign of line  
 4570 lv. " near

5313 set cedar stake at  
 N.S. Record for tempy  $\frac{9/10}{16/15}$

5581 picket at road. No 4<sup>th</sup>

5591 E N+S road (17)

The N. in " " " "  
 408' opp. my picket which  
 is 100' ± W. of rd.

562' " E old cellar on  
 W. side of rd.

\* Picket about 1 mile (paced) N of S 15  
 + where I found a stake with  
 stones around

Apparently 16 is about N+S  
 (or something)

Clear Lake

16-39-7

SE SE Lot 4

August 13<sup>th</sup> 1940 with H. Freund

Check elevation of small lake in  
 relation to Clear L.

- across postage trail - Abney level

Clear L. assume 100.00 " on staff

| BS   | HI     | F.S.     | Elev.                                      |
|------|--------|----------|--|
| 6.00 | 106.00 | 0 (I.P.) | 106.                                       |
| 4.4  | 110.4  | 6. "     | 104.4                                      |
| 1.5  | 105.9  | 6.00     | 99.9 surface of<br>small lake<br>(flooded) |

N.B. Small Lake had  
 been reported "much lower" than Clear L.

15-38-4  
 traverse of Truck Trail Nly  
 Box compass <sup>110'</sup>

August 15<sup>th</sup> 1940

R H Hall with Foreman, Clairmont, N. Dixon  
 Nly in + along E road

0.0 Cbr "E 15" 85° E of Tempy SW x

over 2 1/2° E " reads var 2 1/2° E

1) N 1 1/4° W = N 1 1/4° E 1000'

2) N 3/4° W = N 1 3/4° E 1000'

3) N 2 1/2° W = North 2000'

@ 640' set stk on W side rd.

1960

4) N 1 1/4° W = N 1 1/4° E 650'

@ 478' old grade (NE)

@ 647' gap hunting camp door

(rear of bldg. about 50' W rd.)

5) N 6 1/2° E = N 9° E 2243' to USGS Δ  
 cement mark

@ 327' end E+W line from SW x 9

5591' E of "

@ 630 stake for 5280'

1950

" " 1/2 (E side)

The N+W to approx 1/4 + set people stake  
 (Think boys' meas. faulty)

\$ 10-38-4 E

August 16<sup>th</sup> 1940 fair 75°

Same party + Beasley

Continue Ely on our random E 9

meas. on from 5513 stake

(Air photo indicates 40-10+15 to 1E  
 short; maybe 9 ch.)

6000

Tally

6185

E old grade ENE

6633

Tally

US rec.

7000

7500

7953

8500

Tally

US rec.

Aug. 19<sup>th</sup>

8900

9000

9040

9250

9273

9500

9728

2nd. N. of marsh

3'

enter marsh W SW + NE

or " N + SW (about

1 1/2 ch S of NE x marsh

Tally for US record.

"

E old rd SE to old loc.

Thailer's shack.

(Pace SE on rd 100 steps to  
 where bldg. stood.)



49

\$10 resumed

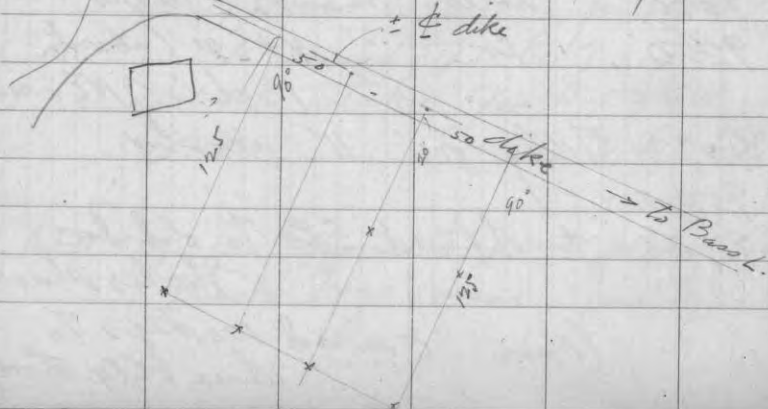
10200' Tally + enter Farm camp <sup>SE</sup>  
 10316 do do SW  
 10590 Tally on shore of  
 Swampy area L.  
 10375 HS record.  
 Found no MC (yet)

8/21/40 Searched all PM for  
 MCs #9 10 "  
 Found nothing

Logical location #10 (between 10 + 15)  
 is 84' N of station 10507  
 10375 Rec

= 67.6 at 5313 = 5380  
 + 43' N  
 132' ramp

Hatchery  
 Tentative ponds for Biology Bldg.  
 8/20/40



50

Woodruff Hatchery

August 20<sup>th</sup> 1940

- using U.S.W. Wiltstock transit  
 94.56 Prev. determined elev. creek blkhd  
 3.91 Pond #9  
 98.47 H.I.

- 8.35

90.12 collar on elbow of pipe  
 inlet to Biol. Bldg.

- .28

98.19 Top of blkhd on swamp  
 pond (98.21)

- 4.06

94.41 Top of conduit S. of  
 W. net house

∴ 99.82 water above dam, April 18<sup>th</sup>  
 90.12

9.70 head over collar rim

98.19

90.12

8.07 head of low blkhd over collar  
 rim

Check level of planks bolted onto Bldg foundation

|                   |      |
|-------------------|------|
| NE x<br>at jet.   | 4.27 |
| NW x<br>10' wall  | 4.24 |
| SW x              | 4.27 |
| S wall<br>at jet. | 4.28 |
| SE x              | 4.29 |
| E wall            | 4.26 |

± § 9-38-4  
(eye pickets)Aug. 22<sup>nd</sup> 1940 50° overcast.  
Hill, Foreman, Clairmont, NelsonNorth on 3° E var from sta 5380 (§ 9)  
by pocket compass on staff  
= 4967' N 7 § 15+16  
+ 80' W of Tempy SWx1553  
52  
51  
50  
49  
48  
47  
46  
45

|        |   |
|--------|---|
| 0.0    | E+W picket line                                     |
| + 74'  | mid point 2 mi. N+S                                 |
| 1320.  | Tally   |
| 1335   | set pine stake for ± 8'                             |
| 2595.3 | " " " " ± 1/4'                                      |
| 2640.  | Tally   |
| 2704   | Fall 61 steps W of the<br>1/4 tally set by Unverse? |
| 3248   | E Boatjack Road NW<br>picket                        |

West from 1335' on ± 4 SE SE 9  
13° Ran pickets West about 2 tallies11 ch. (paced) to Cedar + alder  
swamp N+S59  
58  
57  
56  
55  
54  
53  
52  
51  
50  
49  
48  
47  
46  
45

3855 Tempy N 7 § 9

Aug. 23<sup>rd</sup> '40 fair 55° upward  
Game party.

|        |  |
|--------|--|
| 4060 ± | To cat tail pocket                         |
| 4145   | To open marsh NE SW                        |
| 4290   | NS Record                                  |
| 4395-  | over open marsh E+W                        |
| 4380   | S. edge Spruce fringe                      |
| 4500   | re-enter marsh E + NW                      |
| 4800   | do do NW + NE<br>(about 1 rod W. of point) |

|                                    |                       |
|------------------------------------|-----------------------|
| 5031 1/2                           | To Game refuge line   |
| 54' W of Record Tally              |                       |
| " 79.68 ch W of Orig. 2-310-11     |                       |
| See book 9 page 6                  |                       |
| This agrees within 15' of pro rate |                       |
| E+W on § 9 Secs. 3+4               |                       |
| 5116                               | To Swamp (open marsh) |

No sign of bearings  
nor of line trees  
whatever.  
a straight line from SE x 3 to SW x 4 calc 147' N  
of 5116

18 SE ±  
Sept 4<sup>th</sup> 1940

with  
Meadley &  
Forsyth

From air photo it is apparent  
that E of Center is in beaver  
pond about on S. shore  
between old G. dam + truck trail fill.

Since I have not been able to  
find E 1/4 or MC 1/4  
nor N 1/4 nor W 1/4 nor S 1/4

We begin picket line S on V 3°  
on edge S of beaver flavage.  
Pace S on line run 20 ch  
(from shore of pond about 100' +  
SE of bridge.)

Thence E 7 Var 3°  
about 15 ch to swamp + junct.

Aug. 29<sup>th</sup> 1940

Run picket line S bet. 15 + 16  
from our sta 74 (on Page 51) V. 3° 25'  
(by deflecting 55' = 1.6 in 100')

Follow 42 steps W of E road opp. 2640'  
Cross Ahlstrom work road + find  
all pickets so terminate line  
about 30 ch. N of S. end Sec 16.

E. Sec 14 38-4

Connect E. end where it crosses #14  
by flag, 42' N of our spike @ 10.16 ch  
Set roadside marker post at W  
edge Hwy #14 281' W of Sec. Cor.

Sept. 12<sup>th</sup> '40

Hall, Foreman, Beasley + Nelson  
Set \* Galn. I.P. (+ Cedar post W of do)

E 8<sup>th</sup> bet  
68<sup>th</sup> 24 { W.P. atp 22" N 58 W 5.0  
do 18" N 64 E 33.0'

E 14  
68<sup>th</sup> 23 Set Iron\* (Cedar post just N.)  
W.P. atp 16" North 20.5'

(6.53' N of random @ 166.3' E of lat 21.898 ch)



$\frac{108}{13}$   
 $\frac{24}{24}$

@ 284.1' W of random sta 24,517  
 st  $\angle$  N 15.85' + set  $\frac{1}{2}$  S.  
 Comes in Hollow W. Pine stp  
 so drive cedar post  
 do is  $\frac{1}{2}$  too far S.  
 no bearings available.

Sept. 11<sup>th</sup> 1940

Set small iron  $\odot$   
 N  $\frac{1}{8}$  ) .862 ch W of 180.866 (9/24)  
 23+24 ) { W.P. stp 20' N 2 W 12.75'  
 } Balsamb 17- E 9.8'

Also set cedar post.

Set on corrected line 105.8 set road markers  
 120.3 E 2

Sept 10<sup>th</sup> '40

Continue random of 16

3885 E bank 16 on Bootjack Creek (S)  
 3985 W "  
 4040 Top of bank  
 4860 enter marsh NNW + S  
 5061 lv " NW + SE  
 5100 re-enter same NW SE  
 5145 picket  
 5150 Creek .05 SE (undef)  
 5200 lv swamp NW SE  
 wet - bank grass

Are probably 117  
 cor.

Oct 1<sup>st</sup> 1940 with Foreman + Hedgeman  
 Continued eye picket N 5  $\frac{1}{2}$  line Sec 13  
 20 ch. (grass) N of C  
 Ran picket line N of from  $\frac{1}{2}$  W of C (+)  
 20 ch. The E thru brush  
 fell 60' N at E end.

Oct 2<sup>nd</sup>

Nly on V 2° (picket line) from W  $\frac{1}{8}$  S 13  
 fell 74' E of apparent corner  
 (by planted area)

Lake 17

Oct 8 - 1940 Partly Overcast  
Hall + Red Halfman

Find concrete mon at intersection  
cut out lines N+W

W 1/4 Orig.

Both B.Ts are plain on stumps!  
Mon. not set in agreement with "  
from - stps br. { S 44° E 26'  
                  { S 32° W 32.5'

P.C. Set peg at intersection of record dist.  
+ " is 2' E + 2' S. of mon.  
from - corner { S 10° E  
                  { S 36° W

Another mon found on shore  
N of 7. no sign of orig tree.

Identified by hole in ground  
agreeing with remains of both  
Orig. B.Ts.

Orig  
for  
8/9  
17/16

SE one is stub, parts of  
which are 6' hi +  
scribed (long ago) OBT  
Lower facing just apparent.  
NE one is big stump, no  
marks remain.

Set 3' x 5" cylindrical concrete  
monument (with iron core) in  
old hole. Set scribed cedar post  
just N.

PC  
Pneumatic  
{ OBT stp. N 37° E 24.7  
" stub S 49° E 7.2  
New B. Oak 4" N 58° W 30.15'  
" W. Pine 9" S 39° W 89.9'  
                  219°

Thence westerly on picket line  
Var 2 1/2° E ± (Pneumatic)  
568' fall 3.2' N. of Orig MC #51  
set temporary peg in agreement  
with stumps of both Engl B.Ts  
(68 1/2' SE of other post found)  
579' to lake & shore.

Oct 9<sup>th</sup> 1940 Hall, Halfman + Hanson  
SE being charred, ends of scribe marks  
visible. br. S 76° E 40.8'  
#51 other identified by roots. Trunk detached  
lies 4' from stp top in lake.  
Good boxing with ends of scribe  
marks visible.  
Stp br N 34° W 29'  
600'

59

38-6 E.

cont.

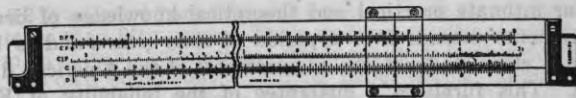
MC #51) New bearings - from Iron Pipe  
 N. Pine 10" N 45° W 17.95'  
 W. " 16" S 59° E 50.7'

Tip of bay br. SE 110'

Correct W. end of line.

N.B. N 6 x 17 paces 10 ch S. of road.

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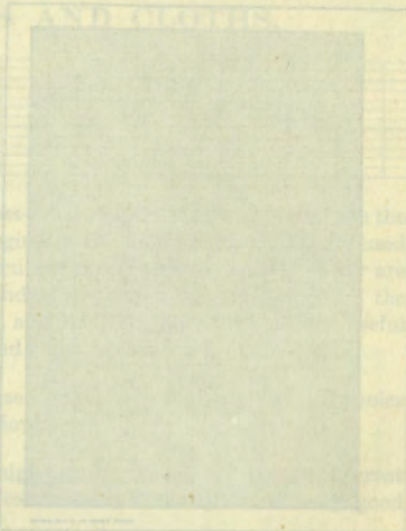
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| Page | Sec | T. | R. | Explanatory                 |
|------|-----|----|----|-----------------------------|
| 54   | 15  | 38 | 4  | 4H ± for scaling            |
| 54   | 14  | "  | "  | E 7/8 \$                    |
|      | 13  | "  | "  | E 7/8 \$                    |
| 55   | "   | "  | "  | W 7/8 \$                    |
| "    | 24  | "  | "  | N 7/8 4H                    |
| "    | 16  | "  | "  | Random \$ continued         |
| 56   | 13  | "  | "  | 1/4 + 1/8 line for planting |
| 57   | 17  | 38 | 6  | W 7/8 Engr.                 |
| 58   | "   | "  | "  | N 6 for Orig                |
| "    | "   | "  | "  | E MC 4A + 51                |
| 59   | "   | "  | "  | " " "                       |
| 29   | 26  | 39 | 6  | Orig. E 7/8 S               |