

251

MAJ. GEN.
FIELD

ENGINEER
FIELD

MAJ. GEN.

Baker

BAKER NISSWA

H A Gilbertson

6335 S Knox Ave
Wpls.

This Field Book is manufactured of a High Grade 100% Rag Paper Having a **WATER RESISTING SURFACE**, and is sewed with Bing Special Enamel Waterproof thread.

Made in U. S. A.

Baker

①

Note:

This Book No

Belongs to John W Curo
of Jenkins Minn.

If lost, Finder please
return for suitable reward
Aug 21-1940

John W Curo

Any old Township--almost,

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

2

Index

Baker Survey Pg 4

Re Survey. Hazelwood Park

$$\begin{array}{r} 450 \\ 38 \\ \hline 488 \text{ OK} \end{array}$$

L. 0200

$$\begin{array}{r} 748 \overline{) 1500} \\ \underline{1496} \\ 400 \end{array}$$

223

275

250

748

733

15 shut

223

2

446 rho

4.46

275

550

25

2

50

5.50

500

1496

223

275

498

2

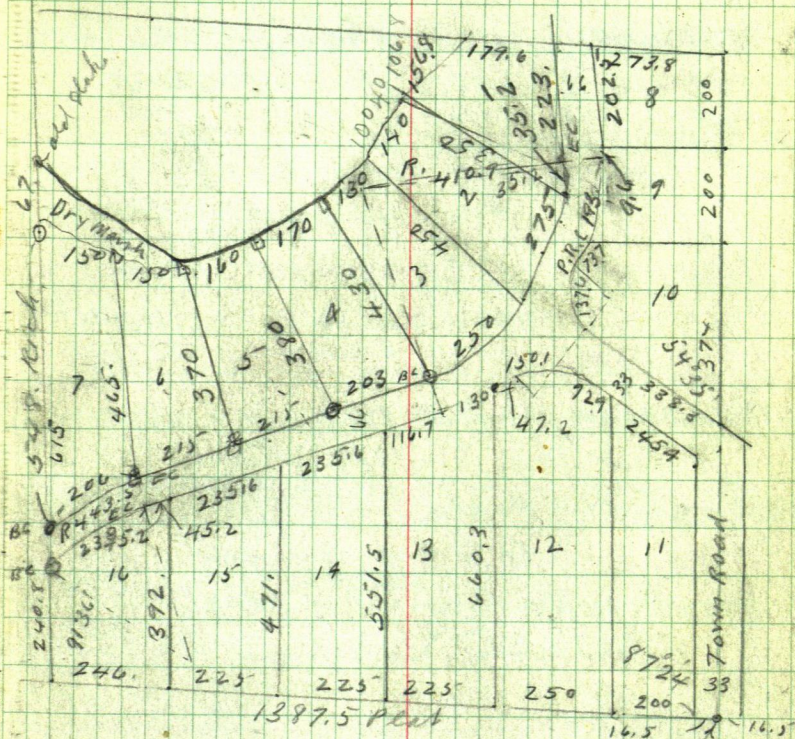
996

488

Maps-Pg 1-3-5-20-21-22-25-

Baker

51



Hazelwood Park

WE. Scoopes Surveyor

Fractional NENE 14-135-29

4

Hazelwood Park

Know all men by these prenesence
that we Charles & Laybourn
& Blanch & Laybourn his wife

-- Gov Lot 1. Sec 14-135-29

NOV 4-1918

U.S. Chressinger n pub

Hennepin Co ind 4-1918

W E Stoops Surveyor Dec 6-1918

Approved Jan 7-1919

Filed Jan 21-1919 - 11 am

Book 3 of Plats

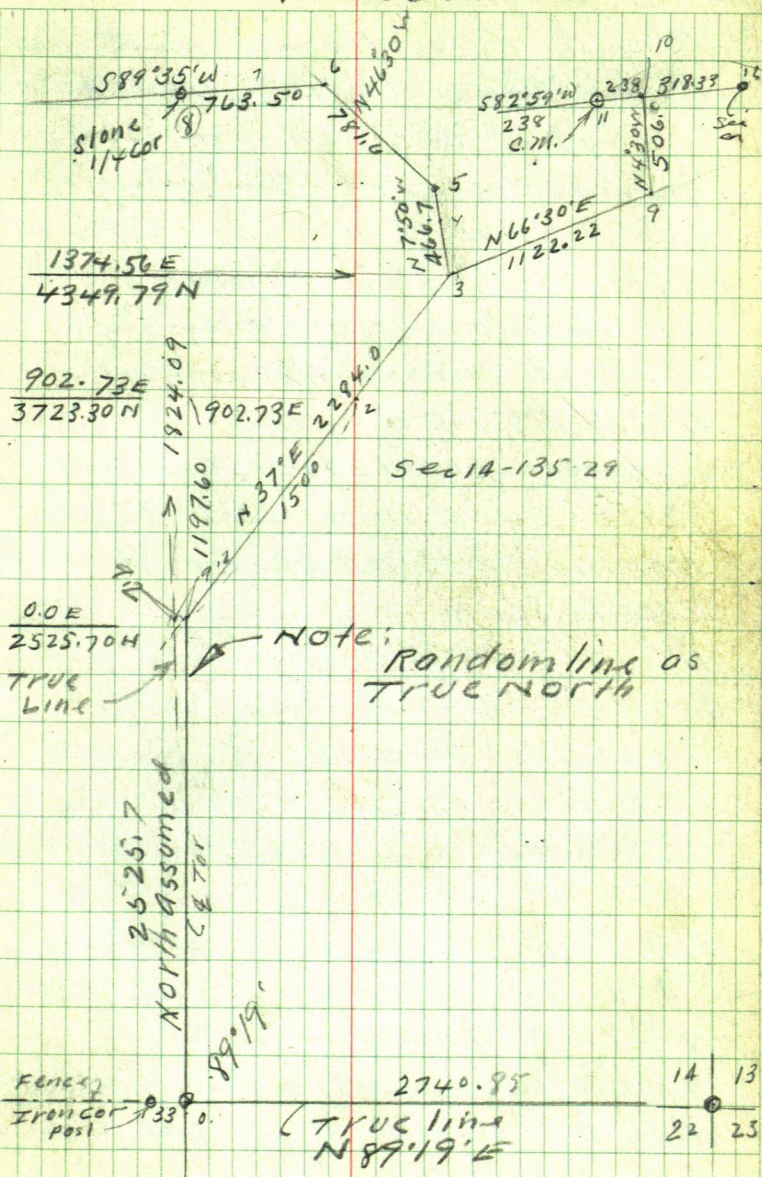
A J Hornumald

See Page 29 Book 3 of Plats

Crow Wing Co Minn

Copied April 23-1940 by Cues

61



6 August 7-1940

Wilfred Miller - Harold and
John W. Caw - B & B π 300 ch

Reg @ pt in \angle Tar Road 33 ft E of
Iron Fence Cor = $\frac{1}{4}$ Cor B & B π - 23

135-29- Run

North on \angle State Highway 3717
Chained along West edge of Tar
Traffic heavy - Hot as hell

North - Assumed - 1-p.m.

300-600-900-1200-1500-1800

2100-2400 pin + 125.7-2525.7

Hub under π R.R. spike St 1
Ties to St 1.

J Pine 9" N 40° 17' W 30.35 Feet

Jack R. 4" S 46° 14' W 24.55

To Spata at base

To St 1 - about 50 ft W of \angle Curve Run

BS. Souch on St 0. = Iron pin

at $\frac{1}{4}$ Cor in \angle of Tar 33 ft

E of Iron Fence Cor NE Cor Fence

And run along West edge of Tar

N 37° E 1500 Ft To St 2.

= R.R. spike in east edge of West
ditch 18 ft West L. of yellow line

Tris to Sls 2

Jack Pine 14 S 56° 32' W 76.55

" " 9 S 59° 53' E 64.30

To spot at base Var reads
6° E

Sto 2 - continue

N 37° E 1800-2100 + 184. =

2284.0 RR Spik Hub = Sto 3.

JP 10 N 12° 14' E 53.00

" 9 S 86° W 42.00

To spot at base

③ T over Sls 3 135 S 37° W + run
N 7° 50' W 151.8 Hub RR Spik
at Sto 4

Quit at 6 PM - 5 Hours
each for Harold and
Wilfred - JWC. T ch
all drive home to Jenkins

Jahm W Cline

8

Baker - NISSWA

Aug 8-1940

Harald J Curo & ch

Wilfred Miller & ch

Harald and Wilfred work
alone

Lv Jenkins in Harald's Car

8-30 AM Charge \$1. for gas

to Curo at Chas Byl Station

Spedom 38464 Harald's Car
at 9 AM.

Beq @ $\frac{1}{4}$ Cor Bet 14-23

135-29 Cut out old line

East bet 14-23 & $\frac{1}{2}$ mile

Quit at 12-00 noon and
drive back to Jenkins. Spedom
reads 38490 = 26 miles

All PM in Jenkins

Harald J Curo

Aug 10-1940

Harold and Wilfred
L. Jenkins about 9 am.

Tell young man at Creek
to inform Mr Baker we are
working on the line Sec 14

At 9-30 Set T on line so
as to see part of pole & Run
East Set 14-23-135-29

Hub line. Echo then Chain
Beg @ $1/4$ Cor & Highway Ch
East: All Hubs on RR. Spikes

21.6 Hub 300 pin 426.7 Hub

NP 6 N $28^{\circ}26'W$ 25.80 spot at
JP 4 S $39^{\circ}41'W$ 14.90 base

600-900 pin 1192 & Tar Road

NW-SE 1200 pin on Tar

1500-1800 pin 1884.70 Hub

JP 8 N $45^{\circ}E$ 25.26 spots

" 7 S $31^{\circ}34'E$ 16.35

2100-2400 pin 2414.30 Hub

JP 12 N $65^{\circ}45'E$ 17.00

NP 9 N $42^{\circ}23'W$ 17.50

over

Harold Jones

10 Aug 10-1940 cont'd
East Random Bet 14-23-
135-29 Continued
2414-30 Hat
2588 Cross wire fence
2620 Sulis Swamp
2700 pin 2740.85 Hat
Iron Corner li
Secs 13-14-23-24-135-29
Sulis West N. 0.27 of a foot

Harold Jones

2588
2414
2740

August 15-1940

I pick up Wilfred
Miller with my car @ 8 amDrive to Sta 4 Platon Page 5
So of Nisswa on Side of Road
at 8-25 π @ Sta 4 BS S $7^{\circ}50'E$ ContinuesN $7^{\circ}30'W$ $151.8 + 314.9 =$

466.7 To Hub at Sta 5

Starts to rain @ 8.45 am

Get in car - Rain stops @ 9.45
Sta 4 TiesJP 10 S $26^{\circ}49'E$ 32.15 Ft" 12 S $56^{\circ}30'W$ 47.88 π over Sta 5 BS S $7^{\circ}50'E$ Run
Sta 5 TiesBirch 10 N $16^{\circ}05'E$ 22.70Oak 6 N $79^{\circ}24'W$ 46.80Run N $46^{\circ}30'W$ 781.6

To Sta 6 Ties

Oak 8 S $16^{\circ}15'W$ 51.70" 6 S $59^{\circ}36'W$ 66.20

Harold J. Curo

12

Aug 15-1940 PM

Tr over S¹/₂ 6 - BSS 46°30'E Run

S 89°35'W 1/2 Hi Flag Held

on Rock 1/4 Cor 16.5 ft

N of Fence Cor

I have Wilfred Come back
and set Hub on Brink of hill
in line with and between

S¹/₂ 6 and 1/4 Cor Stone

S 89°35'W @ 359.50 S¹/₂ 7

Continue 359.50 + 404.00

= 763.50 To S¹/₂ 8

S¹/₂ 7. Tier

JP 16 SW 24.93

" 14 SE 36.12

Chain only. To light blazer

S¹/₂ 8 is Rock 1/4 Cor

Cross "+" in Top

We do not take line to

1/4 Cor S¹/₂ 8 as it will have
to be checked later

Aug 15-1940 cont'd

Drive back to S¹⁶ 3.Page 7 of this book π over 3

BS. S 37°W and Run

N 66°30'E 1122.22 To S¹⁶ 9

SP 10 N 18°12'E 20.50

" 10 S 79°50'E 19.45

 π over S¹⁶ 9-BS S 66°30'W RunN 4°50'W 506.0 To S¹⁶ 10 π over S¹⁶ 10 BS S 4°50'E

Run S 82°59'W 238.0 ft

To E of Old Perm Mon

Judicial Monument on

East Shore of Nisswa

Fish Trap Lake - a few

feet East of US MC But

Sec 11-14-135-29

This To S¹⁶ 10

Iron Post East end of

board fence Sec West 17.40

To Center of port

Cement Wall on Bridge

dist 7. ft To NW Cor

Out at 4-30 Rain starts

again - 6 hours work

Herald Run

14

August 21-1940

I copy Nalis from Harald's
small Field book on.

Shown on page 8 T. 13 This Book

John W. Cunn

Aug 22-1940

Cloudy - Cold - up @ 6 AM
Call on Harald 8 AM.

Martha alone on Norton farm

I drive alone South Call on

Mrs Elmqvist at Twin Lake

To get my \$30 bal due for running
E & W & S E e 8100.

\$70 paid at 8.30 noon up
at Elmqvist Cottage. I drive
to Meet Melvin Baker B & B T
over 1/4 Cor bet 14-23.

Focus N on St 1. Turn NE angle
N 89° 19' E to Harald's line East

John W. Cunn

Aug 28-1940 Wed

Reed and I in my car
take Eunice to Brainerd
Then drive back to Walker
Check streets from Ct Ho
West Reed and I alone
in Walker

Aug 29-1940 Thur

Reed and I work on the
Curve 3rd Curve with Special
Dalley calls 11-15 to 11.30 AM
PM

Rain Ole Larson - Reed
and I look up Sec Corners
on Shingobee Road

Aug 30-1940 Friday

Reed and I on Curve at Walker
Earl Dalley calls in PM
Finish Curve
To Jenkins Friday mile

16

Aug 31-1940 Sat

70 from Mrs Lincoln -

LV Pine River at noon

P.M

\$5 To Reed - \$10 To Char Bye
Drive to Brainerd.

Reed plays with Eunice
at Reddy Pier - I buy books

4 @ 1.25 = \$5. I get old books

N^o 31-33 from Louis Knudsen

Drive to Barrow Ilo

Lost her pocketbook - \$1.75 I 10

Pick up Reed at Brainerd

I pay Harald \$

He pays Wilfred

I drive to Pine River

Pay Oliver Olson \$

Back to Jenkins for over
niti Find Reed gone.

My Baker Nisswa

17

Sept 1-1940 Sunday

I Call on

and drive to Walker All
day in Q+Hs

Reed shows up in his car
in PM.

Reed and I overnights alone
in Walker

John W. Carr

18

Sept 2-1940 Monday

Labor Day - No one but
Rud and I in at Ho Walker
Finger Angler Page 5

Sta

O. = $\frac{1}{4}$ Cor So Side See 14.

135-29

North 25 25.7 to S/o 1.

S/o 1 is 25 25.7 N. 0.0 E & N.

S/o 1 N 37° E 1500 to S/o 2

Sine $60182 \times 1500 = 902.73 E$

Cor $79864 \times 1500 = 1197.6 N$

S/o 1 N 37° E 2284.0 to S/o 3

Sine $60182 \times 2284.0 = 1374.56 E$

Cor $79864 \times 2284.0 = 1824.09 N$

S/o 3 is 1374.56 E

4349.79 N

Sta 3 Run N 7° 50' W 466.7 to S/o 5

Sine $13629 \times 466.7 = 63.61 W$

Cor $99067 \times 466.7 = 462.35 N$

Baker NISSW9

19

Sta 5 N $46^{\circ}30'W$ 781.6 to Sta 6.

Sine $72537 \times 781.6 = 566.95 W$

Cor $68835 \times 781.6 = 538.01 N$

Sta 6 Run $S89^{\circ}35'W$ 763.5 to Sta 8-1/2

Sine $00727 \times 763.5 = 555 South$

Cor $99997 \times 763.5 = 763.48 West$

Sta 3 Run $N66^{\circ}30'E$ 1122.22 to Sta 9

Sine $91706 \times 1122.22 = 1029.14 East$

Cor $39875 \times 1122.22 = 447.49 North$

Sta 9 N $4^{\circ}30'W$ 506.0 to Sta 10

Sine $07846 \times 506 = 39.70 W$

Cor $99692 \times 506 = 504.44 N$

Sta 10 Run $S82^{\circ}59'W$ 238 to Sta 11

Sta 11 = Corn Mtn E Shore NISSW9
Lake Judicial Mon

Sine $99251 \times 238 = 236.22 W$

Cor $12216 \times 238 = 29.07 S$

20 Sept 2-1940 cont'd
Figuring

Sta 10 The NE Cor Sec 14
135-29 Figures

N $82^{\circ}59'E$ 318.33 To Sta 12 - Such
Since $99251 \times 318.33 = 315.95 E$
Cor $12216 \times 318.33 = 38.89 N$

From $\frac{1}{4}$ at Sta 00.

N $89^{\circ}19'E$ 2740.85 To pt 0.27 So
of Sec Cor

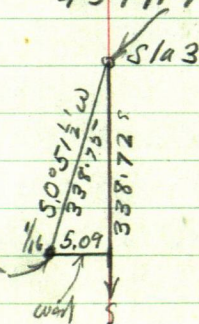
Since $99993 \times 2740.85 = 2740.66 E$

Cor $01193 \times 2740.85 = 32.70 + .27 =$
 $32.97 N.$

Note Sta 3 is 1374.56 E
4349.79 N

NIX

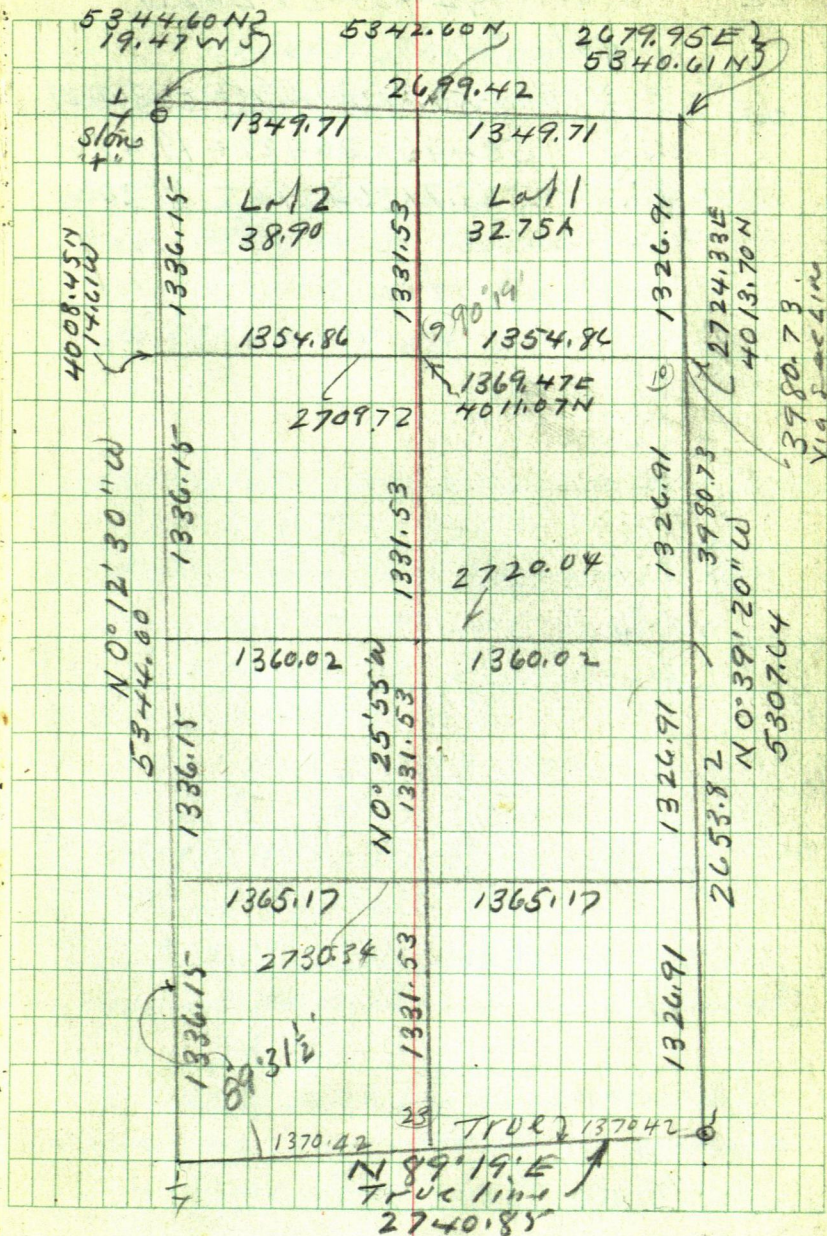
SW Cor Lot
4011.07 N
1369.47 E



SEE
PAGE
72-25

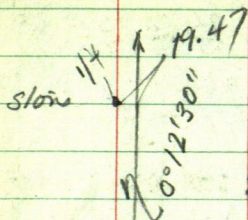
Sec 14-135-29

21



22

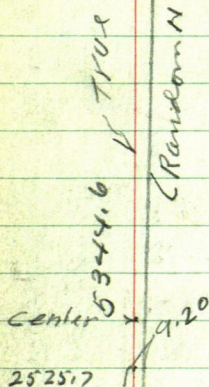
14-135-29 Lot 1.



$$5344.6) 19.47 (= .0036429$$

$$5344.6 \times 36429 = 19.47 \text{ W}$$

$$2525.7 \times 36429 = 9.20 \text{ W}$$



2525.7

2525.7

1/4

Sept 2-1940 Continued

23

11-00 PM Reed and I
Still at Ct Ho Figuring

Notes: I drove up with Franks
Car Stayed 30 minutes and
went back about 6-p.m.
Still at Ct Ho

Harold:

Set Red Flag again 33.1/2 E of
Iron Fence So of Rainbow Tavern
Flag will be @ 1/4 car So Side

Sec 14-135-29 Same place you
set it before

Set Hub 2525.7 - West 9.20 ft
BS on 1/4 Car and push that line
North thro timber to Stone
Ct at 1/4 on N Side

Then Re Run that line from
a point So of 2525.7 up the west
side of the Tar

We will use the True N-S &
Then as "True North" I will try
to be there about 2-p.m. JWC
Take Wilfred

Sec Pg 24-25

N 1 X

24

Baker

Lot 1. Sec 14-135-29

Sept 3-1940

Up @ 6 AM. Reed and I at
Ot Ho

Harald and Reed:

Note: To put in $\frac{1}{16}$ Cor SW Cor
Gov Lot 1.

1st π over Sta 3.

2nd BS S 37° W on Sta 2

3rd Run S $0^{\circ} 51\frac{1}{2}'$ W 338.75 to Sta 13.

13 = US $\frac{1}{16}$ Cor

4th π over $\frac{1}{16}$ Cor

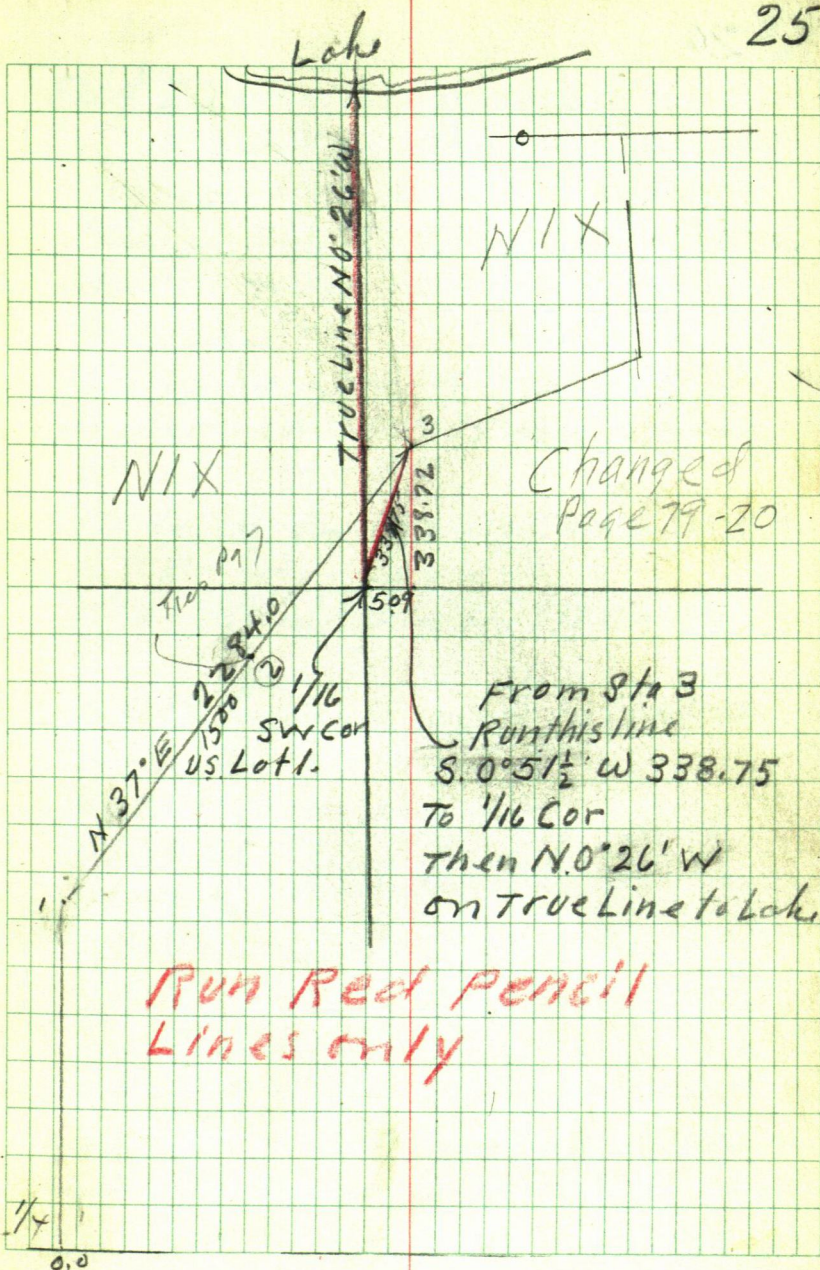
5th BS N $0^{\circ} 51\frac{1}{2}'$ E

6th Run N $0^{\circ} 26'$ W on True $\frac{1}{16}$ Line
to Nisswa Lake

Note: This will be the west line
of Gov Lot 1.

Also west line of Plat Lot 1
which runs only From Road to Lake
Then come home

JWC.



26

Oct 18 - Call on Baker
March a I evening

615
548
67

Oct 20 Sun 1st

Oct 20-1940 Sunday

1-30 PM. Harold I and
Wilfred Bey @ IM NW Cor
Simakey Lat 4. Chain station lake
shore. @ 170. 70 old stake
0. 70 To long

We set a row of 3 pins on
sea wall 127. 15 \parallel E East
of old wood Hst

Then 140 pin Temp. SW Cor Lat 5-
15 \parallel E of low sea wall

Then 150 set pin for SW Cor C

Walk to small wood pin at SW
Cor Lat 6 Ch North

@ 478.7 Hubon sea wall

548 red flag - pin set

550 pin

575 water

550 - 10.9

~~559.1~~ ^{10.9} stake for SW

548 + 67 = 615 Old stake in
marsh water. The lake has been
raised since the first survey.

28 Oct 20 - 1940 Could

548 N. old IM.

3-30PM Baker calls

Oct 21-1940 Monday
 Up & 7 Warm-Cloudy--
 Figuring

We set East end of Lots
 1-2-3-Wrong

Figure: P₉ 3.

Lot 1. is $223 + 35.2 =$ 258.2

" 2 " 275.0

" 3 " 250.0

Plat distance 783.2

750
 15
 735

Try this

735.0
 48.2

.061542 short

783.2) 48.200
 46 992
 1 2080
 7 832
 4 2480
 3 9160
 3 3200
 3 1328
 18720

Lot 1 = 258.2 - 15.89 Leaves 242.31
 " 2 = 275.0 - 16.92 " 258.08
 " 3 = 250.0 - 15.39 " 234.61

OK I guess 735.00

I drive to Pequot Then to Nisswa
 Ernest Roberg pays me \$20.
 balance full for the \$35 to be paid
 for Survey of Lot 1 - Hazelwood park
 I give Ernest a receipt in full

Change of I m s

At State 250.00 I ch N

242.31

7.69

4.50
3.11

783.2

250.00

242.31

7.69

At State 250.00 S I ch

N

7.69 T.

242.31 So OK.

set 2x30' pipe - pull up Temp
 Im set last mile and place
 same in for True E Co bet
 Lots 1-2 - Hazelwood park

$$\begin{array}{r}
 401370\text{ N} \\
 \underline{401107} \\
 263 \\
 \underline{526} \\
 1052 \\
 71
 \end{array}$$

$$\begin{array}{r}
 242.31 \\
 \underline{258.08} \\
 500.39 \\
 71 \quad 157 \\
 \underline{\quad 7} \\
 1078
 \end{array}$$

32

S/A

N

S

E

W

0

1

2

3

4

5

6

7

8

9

4011.07

1369.47

10

4013.70

2724.33

11

12

13

14

15

16

17

18

19

20

21

22

23

0.00

0.00

24

25

Oct 23-1940

33

5 4 3 2 1

47

4011.07 N

104013.70 N

6 7 8 9

15 14 13 12 11

16 17 18 19 20

25 24 23 22 21

47

See Page 21

34

Baker NISSWA

Figuring See Plate Page 21-33

Sta 10 is 4013.70 N

9

4011.07

2.63 in

1052

1354.86) 2.63 = (= about 0.07' N

Baker. Nisswa

35

Hazelwood Park

All of Gov Lot

223.0

Fractional NENE 14-135-29

352

2582

Plotted By W.E. Stoopes C.E.

Oct 27-1940 - 9-AM, Sunday

Reed and I ar from Jenkins
in new Super DeLux V8.

Spedom 457 miles - 3 days old.

Re-chain

Lots 1-2-3. Along Tar Highway

33 fl out. West side

Total = 733.3 OK.

Plot Shows

Lot 1 258.2

2 275.0

3 250.0

783.2

733.3

49.9 short

1.063700 short

783.2 | 49,900
46992

Over

36 Oct 27-1940 cont'd

$$258.2 \times .0637 = 16.45$$

$$275.0 \times \quad \quad = 17.52$$

$$250.0 \times \quad \quad = \underline{15.93}$$

49.90 ok.

$$\text{Lot 1} = 258.2 - 16.45 = 241.75$$

$$2 = 275.0 - 17.52 = 257.48$$

$$3 = 250.0 - 15.93 = \underline{234.07}$$

733.30 ok. Check.

Beg @ Big 6" Iron post at NE Cor Lot 1 at
33 ft out to along road

At stkmkd 250 ch back N 8.25 to 241.75

Set $2\frac{1}{4} \times 28$ " pipe as true cor bet 1-2

At stkmkd 500. ch back N 0.77 to 499.23

Set $2\frac{1}{4} \times 28$ " pipe true cor bet 2-3

We Re-chain each Lot separately and
find them OK

Baker calls 10-30 to 11 am

PM

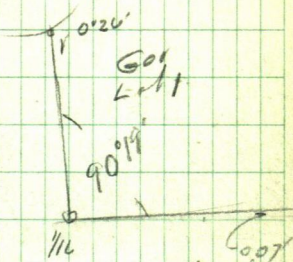
12-30 To 1.05 PM We use Beberg boat
and drive $18 \times 2 \times 72$ " stick at N edge of
old stake set 67 ft N of IM at NW Cor
Lot 7 Total 615 OK.

1 To 3-30 To Jenkins for dinner
and back See Page 25

π over $1/16$ Focus N $0^{\circ}26'W$ Run

N $89^{\circ}53'E$ NE angle $90^{\circ}19'$

π over $1/16$ Focus N on
True line Turn $90^{\circ}19'R$
and run E on True line
about 600 ft - set flag



Set 2×36 " pipe for
True NW Cor Lot 16 - chain NIX
N 92.6 To SW Cor Lot 7. and changed
to 246.0 To SW Cor Lot 16

5-15 Out Lufon Bud - Get
Martha - Gas 181. at Jenkins
6-PM. Spedon 526

NOV 1 - 1940 FRI

Reed and work at Ten Mile
Lake in rain & BoatNoon Back to Walker and
work till midnight at St.

No

Sleep at Paddock Ho
Martha and Emmie at
Junkies.

40

NOV 2-1940 Sat

Up @ 7-waking at H. till 8-30

Then to Ten Mile Brook

Ferns then get 8 25%. Anne

Mc Heath - Carhit at P.R.

Brook Dinner at Jenkins
PM

1-PM Pick-up Harold
and Wilfred and drive to
Nisswa

Harold and Wilfred cut

East on to line Lot 1

Sec 14-135-29

Reed and I cham

Base @ NW Cor Plat Lot 16

1 m cham NE

along E Sec. To road

Lat NW Cor Lot 16 to NW

Lat 8- all 33 ft out from E

50-100-150-200-250-300

350-400-450-500-550

600-650-700-750-800-850

900-950-1000-1050-1100

1135 & road SE

1150 - 1200 - 1250 - 1300
 1350 - 1400 - 1450 - 1500
 1550 - 1600 - 1675.3 To

Slake in wedge of creek
 34.50 E of & Tar Road
 = NE Cor Lat 8

4-PM - Reed and I finish
 Chaining - Harold and
 Wilfred are there with the 40
 line and come for the
 tape to chain it

Reed and I in car figuring
 Lat's 8-9-10 to Road V12

| | |
|---------|-------------------|
| Lat 8 = | 202.5 |
| 9 = | 193.0 |
| 10 = | 145.5 +- |
| | <hr/> 561.0 about |
| | 540 |
| | <hr/> 21 short |

Quench 1675.3
 1135
 540

42

Jake Preston 648W
Francis George 1198R
1189R

MV Baker 51F30

MV Baker
1125 Plymouth Bldg Mpl
Geneva 6616
Res Curtis Hotel

Nov 2-1940 continued

Reed and I help Harold and
Wilfred Chari

Easton So line Lot 2.

300 - 600-900 Stake on Line

c Hut

Too dark to see Quit 5-30

Stop at Mahlum Store Nisswa
Call Francis George 1198 R.

No answer

Call Jake Preston 648 W

Jake says he may come to
Nisswa but will call Francis
when he gets in and Francis
may come to help check the
Highway thro Lot 1-

No charge for telephone

As Jenkins (4 in a seat)

5-30. \$1. to Harold Baldwin. 50

\$1.50 to Wilfred in full for
10 day - Mr Woffensmith

calls 5-55 want me to call
him Monday - Reed goes to

Jenkins to see what oils & engine
Reed Eunice take Markie & R. P. & back
then to

44. Nov 3-1940 Sunday

Reed got in late last night

Left E. Genie's someplace

I get wood.

Rud and I pick up Wilfred
Miller on Nisswa 9-10

I call Francis Georges on 1189 R.
He cannot come try to call
Baker 51 F 30 No answer

Call from Mahlum store

Back @ Lat 12

From E Side Trunk Highway 33 out
Run @ 33 ft road SE

Rad = 105.6

675 + 61.

PI 80°38'

Chain Curve 164. Via Slake

Plat show

$\frac{150.1}{214.4}$ long

238 +

45.2

283 2

235.6

518.8

235.6

75 + .4

116.7

871.1

130

1001.1

B.C.

$\frac{1001.1}{472}$
1048.3

372.5

$\frac{47.2}{150.1}$
92.9
290.2

11-20 AM- Figuring From
NW Cor Lot 16 Old Plat

Lot 16- 283.2

" 15 235.6 = 518.8

" 14 235.6 754.4

" 13 116.7 1001.1 (876.1 BC)

" 12 290.2 1048.3 BC.

14 - 754.4

754.4

116.7

871.1

17

854.1

46

11-30 To 12 AM

Baker calls and goes with me over the works - Wants one iron re-set ie

The DE Car Lot 3- is to be set North so as to leave Lot 3-, 250 ft full Take it out of Lot 2, which Baker owns also.

Note: The IM bet Baker & Bohag East end bet Lot 1 and 2 is stay where it is O.K. with Baker and Bohag

Noon We drive home to Senkwin Wilfred eats with Reed, Martha and I PM.

Reed plays with E. under at Lowson - Wilfred and I drive back to house

We re-produce the old West line as run by Scooper which is 17 ft SW via curve from IM Set for True NW Cor Lot 16. at 3 PM.

See page 45

Ht plate mhd 300 is 317 from atoll in
w chain back T. 283.2

$$\begin{array}{r} 300.00 \\ 283.20 \\ \hline 16.80 \end{array}$$

$$\begin{array}{r} 168 \\ 17 \\ \hline 330 \end{array}$$

This learner Lat 16 - short 17 ft

$$\begin{array}{r} 250 + 16.2 \\ 16.2 \\ \hline 266.2 \text{ ok Lat 16} \end{array}$$

$$\begin{array}{r} 518.8 \\ 17 \\ \hline 501.8 \end{array}$$

$$\begin{array}{r} 283.2 \\ 17.0 \\ \hline 266.2 \text{ ok} \\ 235.6 \\ \hline 501.8 \end{array}$$

Ht plate mhd 500 w ch E 1.8 T. 501.8
set white plate mhd 14-15 (501.8)

$$\begin{array}{r} 754.4 \\ 17.0 \\ \hline 737.4 \end{array}$$

$$\begin{array}{r} 750.0 \\ 737.4 \\ \hline 12.6 \end{array}$$

Ht plate mhd 750 w ch W 12.6 T.

737.4 E set white plate mhd
13-14 - (737.4)

48

1001.1

737.4

170

116.7

116.7

984.1

130

854.1

246.7

737.4

246.7

984.1

871.1

12

954.1

slab w/ 13C.

737.4 +

246.7

984.1. Cor 12-13.

At 1000 ch w

1000.00

984.80

15.2 To 984.8

15.2

set slab bet L-12-13.

model '984.8"

984.8

472

1032.0

13C

From 1050. ch w

1032

18.

1032 set bath w/ 13C.

+ 103 To Spoke in & road zone E

1135 & rd

Check chain back

Lat 13 = 246.7 (247.8 Ch 17)

14 = 235.6 (235.6 OK)

15 = 235.6 (235.6 OK)

16 = 283.2

17

266.2

16

266.2

\$1 T. Reed at noon - bal due 50°

\$1 T. Wilfred @ 5pm - bal due \$1.50 for 10 days

50

Nov 4-1940 Monday

Reed and I drive to Pine River
9 AM to 12.05 - Work on grade
See Book 246

Back to Senheim - Reed Martha
and I for dinner Cloudy
almost rain

P.M.

Must call Waffensmith from Nisswa
1:30 at Mahlum Store Nisswa
Call W.H. Waffensmith 712 $\frac{1}{2}$
Laurel St. Beavert 785

I tell him I cannot make his Cross
Lake survey to-morrow - He says O.K.
and to call him when I do. Start it

2.45 Staking Bet Lots 2-3-
Baker wants Lot 3. made full on
both ends - we pull up my
iron pipe and set it north
15.39 to 250 Leaving Lot 2 only 242.69

258.08
15.39
242.69

1940

51

| | | | | | |
|---------|-------|-------|-------|--------|-----------|
| Lat 1 = | 258.2 | minus | 15.89 | Leaves | 242.31 OK |
| " 2 = | 275.0 | " | 16.92 | " | 258.08 |
| " 3 = | 250.0 | " | 15.39 | " | 234.61 |

See Page 29 and 3

Now

| | | |
|---------|---|--------------|
| Lat 1 = | " | 242.31 OK |
| " 2 = | " | 242.69 OK |
| " 3 = | " | 250.00 OK |
| | | <hr/> 735.00 |

at & Side Road ch SW
112 ft set new B.C. stake

Baker gives me Check \$50.

John Cuss

N^o 159

\$50 Wm Hall Bk super

MV Baker

April 26-1941

Lv Jenkins 9-15 to 11-15 AM

Wilfred Miller make stakes at
Pegmat and look over Bakey Plat.
Rain drives us in

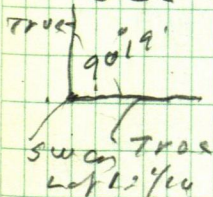
I drive to Pine River - Cash
Nelson Mfg Co. @ \$35 for exp
\$1. To Wilfred - Run out of gas
Hedges pushes us in to
Porter Sta \$1. for gas
PM

Rain stops 1-45 Wilfred
Miller and I Lv Jenkins
Intersect & New Road

East on true line to site

Gov Lat 27 Pg 43-

See Page 37.



54

As the True SW Cor Lat 1
 Sec 14-135-29 appears to be
 9 ft E and about 18 ft N of where
 the Focal Survey is put at
 We will take 9. feet off
 the So end of Lot 16

Try This

East on True line 246 and plot

$$\begin{array}{r} 9 \\ - 297 \\ \hline \end{array}$$

237. Hat Temp Lat Cor 15-16

$$+ 225 = 462. " " " 14-15$$

$$+ 225 \quad 687 " " 13-14$$

Feet East of P I New road
 NE angle road

$$687 + 225 = 912 \text{ Temp Cor } 12-13$$

$$+ 225 = 1137 " " 11-12$$

See Page 21

$$217.86$$

$$\underline{14.50}$$

$$201.36$$

$$1354.86$$

$$\underline{1137.00}$$

$$217.86$$

$$1137 + 201.36 = \text{True SE Cor Lat 11}$$

$$1137 + 217.86 = 1354.86 = \text{True}$$

SE Cor Lat 1

$$\begin{array}{r} 300 \\ 237 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 237 \\ 225 \\ \hline 462 \end{array}$$

$$\begin{array}{r} 462 \\ 300 \\ \hline 162 \end{array}$$

$$\begin{array}{r} 462.0 \\ 372.5 \\ \hline 89.5- \end{array}$$

372.5 Hut ch E 89.5 To 462.0

3.45 Thunder Quit Going to Ran
houl Drive to Jenkins 145

2 Hours in PM = 4 hours for

Wilfred

$$\begin{array}{r} 37 \\ 178 \\ \hline \end{array}$$

$$\begin{array}{r} \$ 1.48 \\ 100 \text{ Pd} \\ \hline \text{Bal. } .48 \end{array}$$

April 27-1941 Sunday
 pick up Wilfred Miller and Lt
 Jenkins 7-40 AM.

East on True line So Side
 Gov Lat 1

@ 237 E Set Hub IPN shuk
 Bet Lots 15-16 @ 300 slah

372.5 Hub under T

462 Hub + S. lake Bet
 Lots 15-16 -

at 561.3 Hub cross old
 Road NE SW

600 Hub All Hubs are RR. Spts

@ 621.3 Hub PI & New
 Road SW angle = $38^{\circ}00'$

687 Hub S/K Bet Lots 13-14
 SW angle 38°

621.3 E PI @ Sta 663+83.7
 SW angle $38^{\circ}00'$

See also page 21
"40"

57

True line Assumed for this
Figuring as North

old line

30'

16

15

14

13

12

11

88°19'

225

225

111°16'

225

90°19'

250

250

176.36

237

2376

462 E

697 E

912 E

1162 E

1338.36

1354.86

old cor

165

58

Sept 21

1.003127

1354.86

1349.71

5.15

1327) 5.150

4981

1690

1327

3630

2654

9760

9289

= 0.4 1/2'

89° 41'

5'

89° 36'

April 28-1941 Monday

Pickup Howard Killen and
~~Good Wm~~ Goodwin^{Na} R

Thompson of Jenkins

Social Security Act account No

501-05-2612 4/18/37

Howard Owen Killin Jenkins
 Social Security Act acct No

475-16-9711 6/20/40

Lv Jenkins 8-am. Drive to
 Nisswa and out on work

I bring Howards Lunch

X over Hub RR Spike Cor T.
 Lots 11-12 = 1162 ERM

Turn NW Angle 89°41' RUN

North parallel to West Bdry Lot 1

60

89°36'

See Page 21-57

At 1338.36 Hat So on E Lat

SE Cor Lat 11 + 16.5 = 1354.86 Hat

Temp Cor $\frac{1}{16}$ Cor SE Cor Lat 1T over $\frac{1}{16}$ BS on True Line

Turn NW angle 89°36' Run

Northly on True Line?, Cut to
Creek--almost and eat our
lunch

PM

Chain

N on Temp to Line Go Lat 1

139. Stake on line 35 ft West of

E N-S-Trip road

248.6 Hat 43 ft West of E Road

300 pin + 259.9 = 559.9 Hat So of

road c 579.5 about, E W Road

600 pin + 18 = 6018 So of road

600 + 201.7 = 801.7 Hat under T

900 pin + 261.7 = 1161.7 Hat 1200. Pin

1278.8 Hat 1290 - So. edge Creek

Hi water 1290 Water edge

T over 1161.7 IM

Leaver 36°57' R 123.80

Drive to Nisswa Then East
to 1/4 and follow sec line
to to IM 2" pipe under
East R of W fence of M & I
R.R. Ch. So 47.25

To Hub in R of Way Run
So 28°50'E 777.0 To Hub
on E side of Trench about 2
ft west of Tel Palo line

π over 777 BSN 28°50'W Run
S 32°W 300 pin 600 + 55 = 545

pin on Beaver Dam - Ridge

545 + 153

153 =

698 Hub on Ridge E edge

by gravel Pit + 2 = 700 Hub

π over 700 BSN 32°E IM

Near S 0°20'W @ 300 pin + 195 =

495 pin N Edge Fishtrap

Creek + 95.6 = 590.6

IM - Oblong Cap 2x48"

Set by Knudson for

Wet Line Cor 66 ft. So

7 11-12-14-15-136-29

5-10 PM

62 Apr 28-41 Cont ⁵⁴⁵ 745

Drive to SW Cor Gov Lat

1 See 14-135-29

Check true lines

NE angle checks $90^{\circ}19'$ OK

Page 57.

Quit 5.45 PM - Figuring

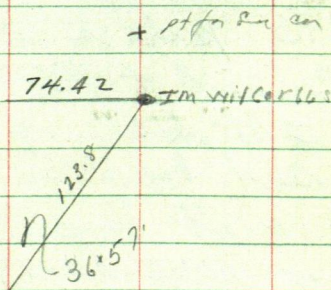
8 AM To 5.45 PM = with 15 minutes
out for lunch leaves $9\frac{1}{2}$ hours
c 37c = 3.52 "Loaned" each S.I.

Bal Due Howard \$2.52

" " Thompson \$2.52

Home to Jenkins

See Page 68 Book 66



April 29-1941 Tues

All day in Jenkins-Moving
Pay Marion Walton for Truck
\$2. Martha and I to Walker
still at Paddock H.

Reed Eats supper with
Schultz. I pay
Mrs Frank Schulze in full with \$9.30
Russell Schulze in full papers 50¢

April 30-1941 Wed.

Martha-Reed + I at Walker

Reed goes to work with State Highway
Crew - 7 AM - 8-40 Rain starts

I work in at Ho Figuring

See Field Book - 235 Lewis-Missouri

John Lewis Book 235 Page 9.

Figuring.

Sta 0 = $\frac{1}{4}$ Cor Bct 11-12-135-29

Sta 1 = 2x36" Pipe E Bdry R-of way RR. ^{820.705}

Sta 2 = RR Spike 47.3 S. of Sta 1 = 868 - S. of Yx

Sta 2 Run S $28^{\circ}50'E$ 777.0 To Sta 3.

Sine. $482263 \times 777 = 374.72 E$

Cor. $876026 \times 777 = 680.67 S$

Sta 3 Run S $32^{\circ}W$ 700 To Sta 4

Sine $529919 \times 700 = 370.94 W$

Cor $848048 \times 700 = 593.63 S$

Sta 4 Run S $0^{\circ}20'W$ 590.6 To Sta 5 = IM Wit Sec Cor 66 S

Sine $.005818 \times 590.6 = 3.44' W$

Cor $.999983 \times 590.6 = 590.59 S$

Sta 3 is

NISSWA

135-29

(11)

(12)

820.70
47.3
868.00

ER 1/10

28° 33' 1/2
868.00
820.70

Im.

R.R. Spike hub 868.5

(2)

868.00 S

868.00
680.67
1548.67
593.63 S
2142.30
590.59
2732.89

680.67

528° 50' E
777.0

1548.67.5

374.72

(3)

3.78
3.78
.34 close check
OK.

593.63

3.71

2142.30 50
3.78 E

370.94

50° 20' W

590.6

(11)

(12)

2666.90 S

point for sec cor in creek
11-12-13-14-135-29

2732.90 S.

Wit cor

Im.

(14)

(13)

East line Rd W

Now Try Page 57-60

1354 86 E Run $N 0^{\circ} 24' W$ Randon

139.00 Stake 35' W of $\frac{1}{2}$ S Road

248.6 Hub 43' W " " " "

559.9 " "

579.5 " about $\frac{1}{2}$ E-W Road

601.8 Hub

801.7 " under π

1161.7 " " π

1278.8 " So Edge of Creek

1290 waters edge Hi water

π over 1161.7 I m bears

N-136.57' R. E 123.8 =

Sine $601118 \times 123.8 = 74.42$ E

cos $799160 \times 123.8 = 98.94$ N

1161.70

98.94

1260.64 with cir

1260.64 N I m set E 74.42

1261 (in 74.42) = 59016653

= 3' 23'

1260.64

74.42

32.64

41.78

$$\begin{array}{r} 66 \\ 1326.6 \times \end{array}$$
 $1^{\circ}54'$

1261) in 41.78 (= 33132434)

7442

3264

41.78

1° 54'

24

1° 30' R

1269.6 Y Pondson

54

3.23'

WIK

True love
Now we see

90.19

9/30/16

89.36

14.5°

1354.86

1354.86 E

32.64

68

Lets try to give Lots Full map chain
on to end viz

Lot 16 = 246

15 225 = 471 E

14 225 = 696

13 225 = 921

12 250 = 1171

11 200 = 1371

Street 16.5 1387.50

1387.50.

1354.86

32.64

This would set SECT

32.64 East

$1.05900 = 3^{\circ}22\frac{1}{2}'$ OK $3^{\circ}22\frac{1}{2}'$

1261) 74.42.
6300
11370
11349
2100

$3^{\circ}22'$ Tang = .058827
3 23' " 059119
117946
58973

Apr 29-1941 Figuring

.033132434

69

Correction

1'30" + 32.64

Page 57-60-66

Hat 1354.86 goes East 32.64 to 1387.50

Hat 248.6 N " E 8.24 + 32.64 = 36.88

559.9 N goes E 18.55 + 32.64 = 51.19

601.8 " " E 19.94 + 32.64 = 52.58

801.7 " " E 26.56 + 32.64 = 59.20

1161.7 " " E 38.49 + 32.64 = 71.13

1278.8 " " E 66.71 + 32.64 =

Figuring

NIX

90'19"

1260.64

90'19"

91'30"

1387.50

1260.64

1260.64 in 74.42 =

.59033506

1161.70

1260.64

559.90

700.74

801.7

601.8

559.9

248.6

87°58'

84°35½'

700.74

Pt for S & cor
in green

74.42

90°

3°22½'

(14)

Fishtrap Creek

1260.64x

1278.8

7442

7442

1260.64

4179

9894

123.5

1161.7

36°57'

NIX

38.49x3264
71.13

801.7

26.56x3264

601.8

19.94

559.9

18.55

248.6

8.24x3264
36.85

32.64

72

apn 29-1941

Platting & Checking Harolds work P. 5

Sto 0. NE angle $89^{\circ}19' E$ $2740.85 E$ to CnSine $999929 \times 2740.85 = 2740.66 E$ Cos $011926 \times 2740.85 = 32.69 N$ Sto Run North 2525.70 to Sto 1Sto 1 Run $N 37^{\circ} E$ 2284 to Sto 3 $Tang = 753.55 X$ Sine $601815 \times 2284 = 1374.55 E$ Cos $798636 \times 2284 = 1824.08 + 2525.7 = 4349.78 N$ Sto 3 is $4349.78 N$ & $1374.55 E$ Sto 3 Run $N 7^{\circ} 50' W$ 466.70 to Sto 5Sine $136292 \times 466.70 = 63.61 W = 1310.94 E$ Cos $990669 \times 466.70 = 462.35 N$ Sto 5 is $4812.13 N$ & $63.61 W$ $1310.94 E$ Sto 5 Run $N 46^{\circ} 30' W$ 781.60 to Sto 6Sine $725374 \times 781.60 = 566.95 W = 743.99 E$ Cos $688355 \times 781.60 = 538.02 N$ Sto 6 is $5350.15 N$ & $630.56 W$ $743.99 E$ Sto 6 Run $S 89^{\circ} 35' W$ 763.50 to Sto 8Sine $999974 \times 763.50 = 763.48 W = 19.49 W$ Cos $007272 \times 763.50 = 5.55 S = 5344.60 N$

Apr ³⁰ 29-1974 Could check in plat

Pg 5-7-

Begin @ Sta 3 Run N 46°30'E 1122.22 to S 1/2-9

Sine $917060 \times 1122.22 = 1029.14 E$

Co $398749 \times 1122.22 = 447.48 N$

Sta 9 is 4797.26 N ² 2403.69 E

Sta 9 Run 4°30'W 506 to S 1/2-10

Sine $078459 \times 506 = 39.70 \quad xx =$

Co $996917 \times 506 = 504.44 N$

S 1/2-10 is 5301.70 N ² 2364.26 E

S 1/2-10 Run S 82°59'W 238 to S 1/2-11

Sine $992511 \times 288 = 285.84 W$

Co $122158 \times 288 = 35.18 S$

S 1/2-11 is 5266.52 N ² 2078.42 E

74 May 1-1941

Martha and I to Brainerd
Eat our lunch in edge of town
PM

Back to Nisswa - Martha Chain
Trio Correction East line
Lot 1 - See 14-135-29

See Page 66. - 69

π over Hub 248.6 N Chain East 36.88
Set spike in west wheel track

π over Hub 1354.86 E

Check NW angle $84^{\circ} 35\frac{1}{2}'$

| | |
|--------------------------------------|------------------------|
| NE Angle $95^{\circ} 24\frac{1}{2}'$ | $95^{\circ} 24' 30''$ |
| | $84^{\circ} 35' 30''$ |
| | <hr/> |
| OK | $179^{\circ} 59' 60''$ |

OK. I found the inslik

.05900 = $3^{\circ} 22\frac{1}{2}'$

$89^{\circ} 35\frac{1}{2}'$
 $84^{\circ} 35\frac{1}{2}'$
5"

$89^{\circ} 36'$
 $84^{\circ} 36'$
5"

$84^{\circ} 35\frac{1}{2}'$
3
 $87^{\circ} 57\frac{1}{2}'$

1260.64

74.42

$3^{\circ} 22\frac{1}{2}'$

π over 1354.86' Focus N on New
Random Turn $3^{\circ}23'R$ to hill Im. at creek
Transit Telescope and run
South

Local: Sta 9 Page 5 Focus on s/c 3
Run S $66^{\circ}30'W$ 7.45 Set spike for Sta 12
 π over Sta 12 - BS S $66^{\circ}30'W$

Run S $50^{\circ}45'E$ 354.20 To Hat
So of Road on Random 559.9 N
of SE Cor Gov Lot 1

(RR Spike in ~~the~~ Narrow Road
S $82^{\circ}35'W$ 49.60 = S/c 13
Rc

Sta 12 Run S $50^{\circ}45'E$ 354.20
To 14 π over ⁽¹⁴⁾ 354.2 BS N $50^{\circ}45'W$

Random run N $5^{\circ}28'W$

RR spike ~~at~~ Road N

S $70^{\circ}20'E$ 62 feet paced

At 6-15 PM - Mr. Miller McKinley
calls

Sta 14 is on Random 559.9 N of 1/16 @

76

MV Baker Nisswa

Hazelwood Park

May 3-1941 Figuring Page 75-5

From Sta 9 Run $S 66^{\circ} 30' W$ 7.45 To Sta 12

$$\text{Sine } 917060 \times 7.45 = 6.83 W$$

$$\text{Cos } 3987.49 \times 7.45 = 2.97 S$$

Sta 12 is - 2396.86 E ^{and} 4794.29 NFrom Sta 12 Run $S 82^{\circ} 35' W$ 49.60 To 13

Sta 13 is RR Spike set where $\frac{1}{2}$ 33 $\frac{1}{2}$ Road
intersects East edge of Curve State Highway
33 $\frac{1}{2}$ out from yellow line

$$\text{Sine } 991635 \times 49.60 = 49.19 W$$

$$\text{Cos } 129084 \times 49.60 = 6.40 S$$

Sta 13 is 4787.89 N ^{and} 2347.67 EFrom Sta 12 Run $S 50^{\circ} 45' E$ 354.20 To 14

$$\text{Sine } 774398 \times 354.20 = 274.29 E$$

$$\text{Corr } 622705 \times 354.20 = 220.56 S$$

Sta 14 is ^{OK} 2671.15 E ^{and} 4573.73 N

See Page 60-75

May 3-1941 continued Figuring
 over Sta 14 - 559.9 N of 1/16 Run
 N $5^{\circ} 28' W$ 700.7x To 15

$$\text{Sine } 095267 \times 700.7x = 66.76 W$$

$$\text{Cor } 995452 \times 700.7x = 697.55 N$$

Sta 15 is 5271.28 N and 2604.39 E

From 15 Run N $84^{\circ} 35' E$ 74.42 to IM¹⁶
 Sine $995535 \times 74.42 = 74.09 E$
 Cor $094398 \times 74.42 = 7.03 N$

Sta 16 is 2678.48 E and 5278.31 N IM

From IM Sta 16 Run North 66.00
 To Sta 17 = 5344.31

Sta 17 is at for Cor 10-11-12-13-14-135-29
 in Creek =

5344.31 N and 2678.48 E

5344.60 N
1949. W

5344.31 N
2678.48 E

Thompson

NO. 12 1/2 W

1336.15-

51281

5344.60

2672.3

1336.15

1354.3325
N 89° 50' E

$$\frac{4012.44 \text{ M}}{1339.72 \text{ E}}$$

1359.665

1364.9975

1370.33

2698

1349.0

5344.47N
1329.51E

12
40° 26' W
1832.03

1332.03

5828.1

2.03 63
2664.06

1382.03

2740.66

1349.0

90.36
135

1354.3325

3996, 09

1359.6650
N 89° 50' E

1364.9975

1370.33

4016.40N
2694.05E

ma. 25.0 N

1327.905

5311.62

2655.81

291155

3983. 715

232.69

May 14 - 1941 Sunday
 Reed-March and J. W. Cuss
 at Walker - Mich at 140

Figuring

$$363 - 45 - 72 = 4349.78^N \quad 1374.55^E$$

$$337.34 \times 34.83 = 10324894 =$$

$$5^{\circ}54' \text{ Sine} = 102793 \times 339.14 =$$

$$\text{Cos} = 994703 \text{ in } 337.34 = 339.14$$

$$\text{Tang} = 10324894 \times 337.34 =$$

$$4349.78$$

$$4012.44$$

$$337.34$$

$$1374.55$$

$$1339.72$$

$$34.83$$

3

OK Seep
 1920-25

4349.78N
 1374.55E

NIX

$$338.32 \times 1925 = 337.34$$

$$0.18^N$$

$$3483.$$

$$5.82$$

$$29.74^W$$

339.14 OK
 5.54
 337.34 OK

$$1339.72^E$$

$$1329.51$$

$$10.21$$

W LINE L-11

$$1332.03 \text{ in } (10.21 =$$

$$02878662$$

$$07665165$$

4012.44N
 1339.72E

$$34.83$$

1/16

N 0°26' W

80

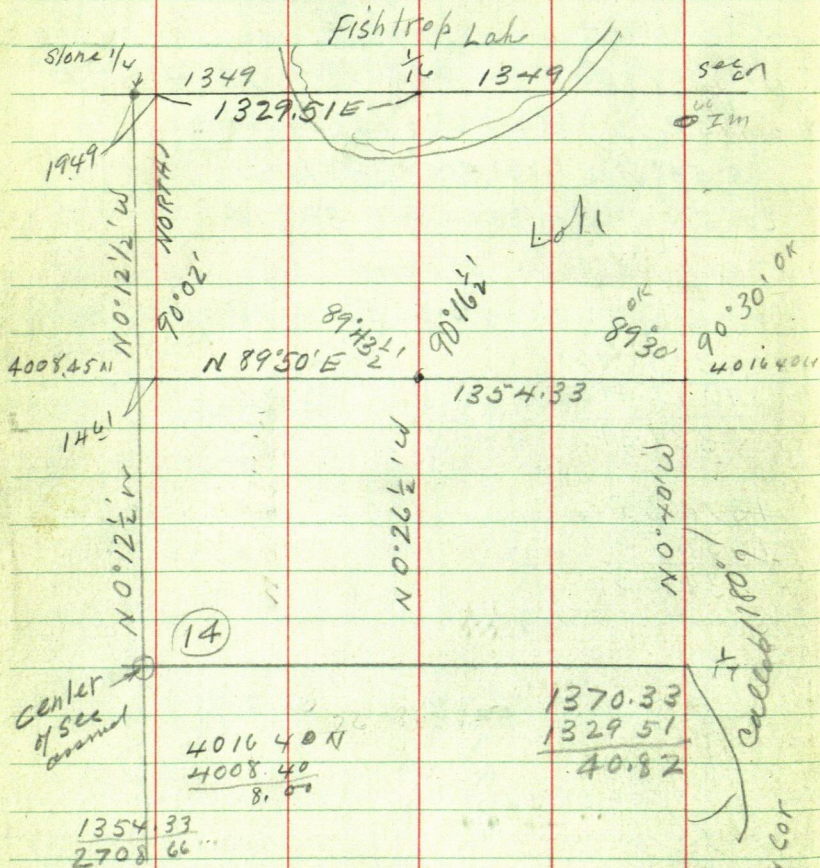
14-135-29

May 4-1941 cont'd

West Line P978

5344.60 in 19.49 = 036.46671 = $0^{\circ}12\frac{1}{2}'$

N-S- & Sec 14-135-29 RUNS $N0^{\circ}12\frac{1}{2}'W$



$$5344.60 \text{ in } 19.49 = 003646398 = 0^\circ 12\frac{1}{2}' \text{ W L178}$$

$$5344.47 \text{ in } 40.82 = .007638473 = 0^\circ 26\frac{1}{2}'$$

$$5344.31 \text{ in } 62.18 = 11635479 = 0^\circ 40'$$

$$2708.66 \text{ in } 8.00 = 0029531192 = 0^\circ 10'$$

Figuring Page 75

Sta 14 is 2671.15E & 4573.73N

From Sta 14 Run S-5°28'E 5

Sin = 095267

cos = 995452 x 559.9 = 557.355

Tan = 095702

2671.15

53.34

2724.49

14 =

2671.15E

4573.73N

4573.73N

557.35

4016.38

559.9
5°28'
557.35

2724.49

2694.05

30.4475 ft

OK FOR N

18 = 2724.49E

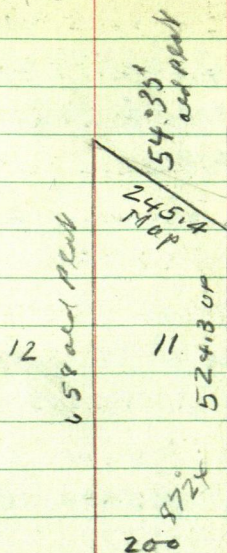
53.34

4016.38N

82

May 18-1941

8141



May 18-1941 Sunday

Figuring - Width of L. 11

N 54°35' W ? 245.4

Sine $814959 \times 245.4 = 200$ Cos $579518 \times 245.4 = 142.21 ?$

USNalee NBet 13-14-135-29 ✓ 11'E

21 L1 sup 25 Ent sup 27 L1

40 = 1 x BP8 N 77 1/2 W 18 =

" 8 S 22 E 26. =

Baker-NISSWA

83

August 29-1941

Machine Check - Baker plat

First Random as True North

O.O = $\frac{1}{4}$ So Sed 14-135-29

North 2525.7 to S/a 1

S/a 1 N37°E 2284.0 to S/a 3

Sine = $601815 \times 2284. = 1374.55 E$

Cor $798636 \times 2284 = 1824.08 + 2525.7 = 4349.78''$

| | N | E |
|----------|---------|---------|
| S/a 3 is | 4349.78 | 1374.55 |

3 Run N 7°50'W 466.7 to S/a 5

Sine $136292 \times 466.7 = 63.61 W$

Cor $990669 \times 466.7 = 462.35 N$

| | N | E |
|----------|---------|---------|
| S/a 5 is | 4812.13 | 1310.94 |

S/a 5 Run N 46°30'W 781.6 to S/a 6

Sine $725374 \times 781.6 = 566.95 W$

Cor $688355 \times 781.6 = 538.02 N$

| | N | E |
|----------|---------|--------|
| S/a 6 is | 5350.15 | 743.99 |

84

OK

Aug 29-1941 Machine Fg's

Sta 6 Run S 89° 35' W 763.50 To 8

Sine 999974 x 763.50 = 763.48 W

Cor 007272 x 763.50 = 5.555

N

W

Sta 8 is 5344.60 OK 19.49 OK

Page 5

Sta 3 Run N 66° 30' E 1122.22 To Sta 9

Sine = 917060 x 1122.22 = 1029.14 E

Cor 398749 x 1122.22 = 447.84 N

N

E

Sta 9 is 4797.62 2403.69

Sta 9 Run N 4° 30' W 506 To Sta 10

Sine 078.459 x 506 = 39.70 W

Cor 996917 x 506 = 504.44 N

N

E

Sta 10 is 5302.06 OK 2363.99 E OK

Sta 10 Run S 82° 59' W 238 To Sta 11

Sine 992511 x 238 = 236.22 W

Cor 122158 x 238 = 29.075

N

E

Sta 11 is 5272.99 OK 2127.77 OK

S/a 10 Run $N 82^{\circ} 59' E$ 318.33 To 12

Sine $992511 \times 318.33 = 315.95$ E

Cor $122158 \times 318.33 = 38.89$ N

N

E

S/a 12 is 5340.95 OK 2679.94 OK

From S/a "0" Run $N 89^{\circ} 19' E$ 2740.85

To SE Cor Sec 14

Sine $999929 \times 2740.85 = 2740.66$ E

Cor $011926 \times 2740.85 = 32.69$ N

86

North Line

$$2699.43) 365 = 13521373 = 0^{\circ}05'$$

North $\frac{1}{16}$ Line

$$2709.74) 4.94 = 18230531 = 0^{\circ}6' +$$

Center line sur 14

$$2720.05) 14.62 = 05374901 = 0^{\circ}18' -$$

S $\frac{1}{16}$ line

$$2730.35) 23.61 = 04984708 = 0^{\circ}17'$$

$$8648351 = 0^{\circ}30'$$

$$\text{Try } 0^{\circ}30' \text{ Tang} = 008727 \times 2730 = 23.82 \text{ OK}$$

$$\text{Try } 0^{\circ}29' \text{ Tang} = 008436 \times 2730 = 23.03 \text{ NG}$$

$$\text{Try } 0^{\circ}05' \quad 001454 \times 2700 = 3.92 \text{ OK}$$

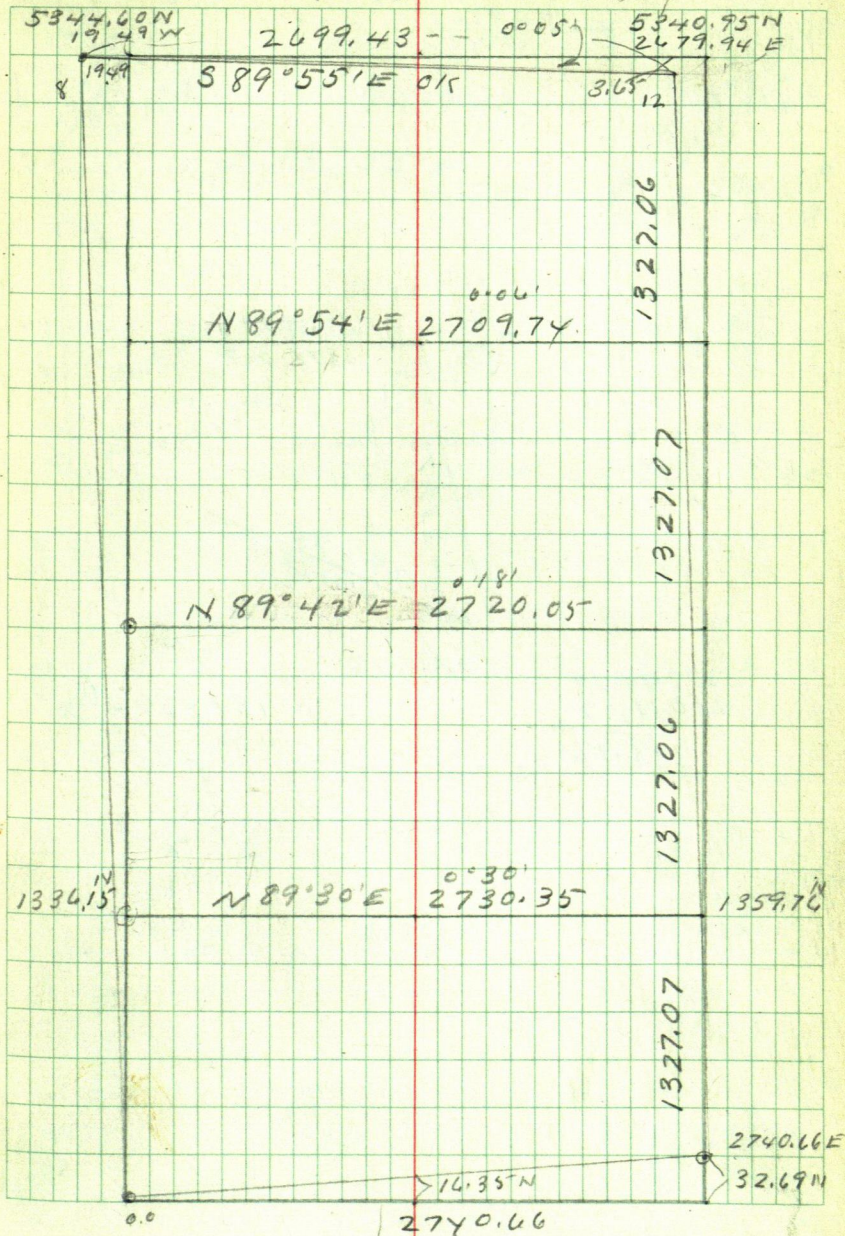
$$\text{Try } 0^{\circ}06' \quad 001745 \times 2710 = 4.73 \text{ OK}$$

$$\text{Try } 0^{\circ}18' = 005236 \times 2720 = 14.24 \text{ OK}$$

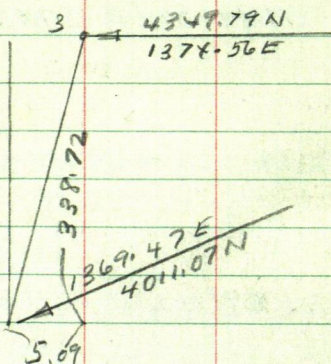
So Line

$$2740.66) 32.69 (= 11927783 = 0^{\circ}41' \text{ OK}$$

Sec 14-135-29 Eor Hay

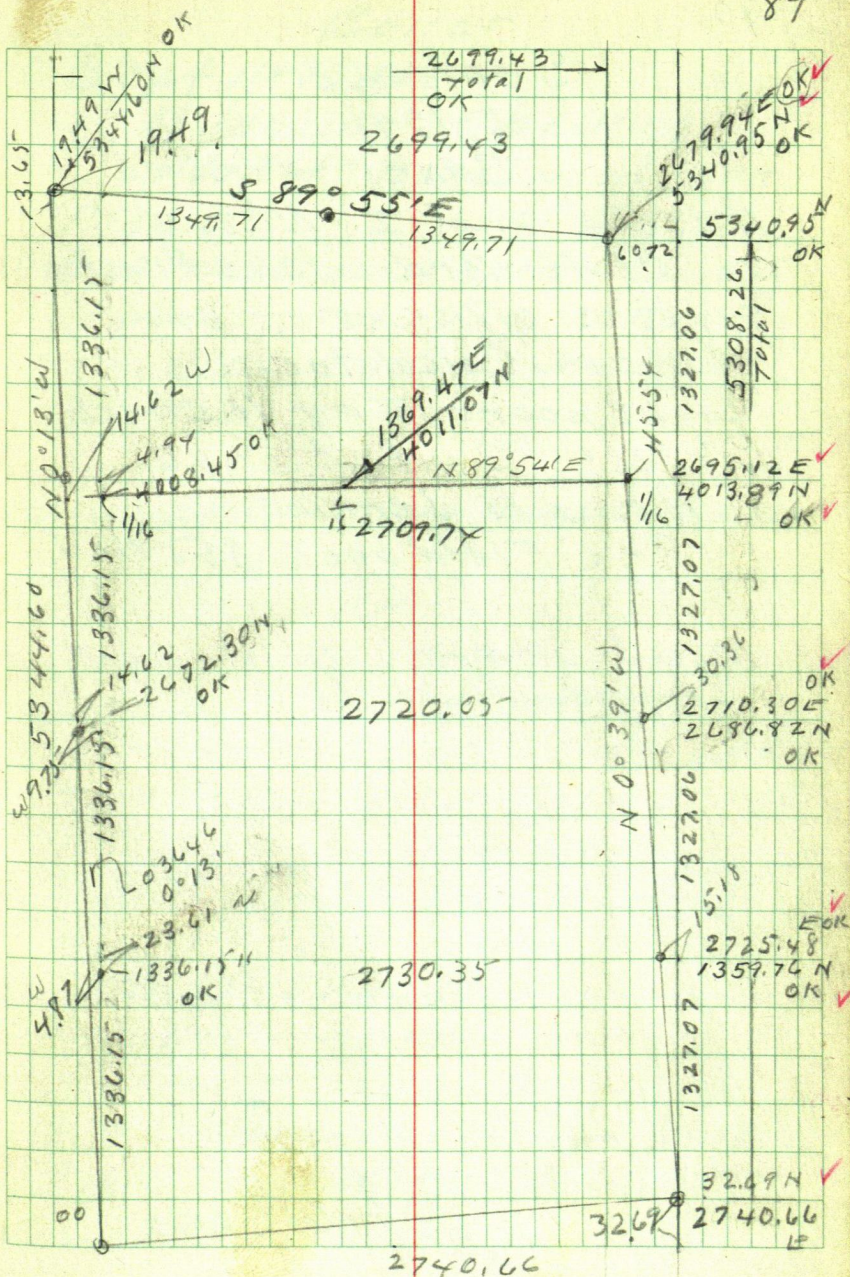


88



$$\begin{array}{r}
 4349.79 \\
 4011.07 \\
 \hline
 338.72
 \end{array}$$

$$\begin{array}{r}
 137x.56 E \\
 1369.47 E \\
 \hline
 5.09
 \end{array}$$



90

September

10-1941

Baker - Nisswa

Harald and I Nisswa

To Ct Ho - Brd. Jake Preston

gives us office room - and
Monroe Calculator.

Light poor - Try to check
angles - Quit at 5-40

Home to Jenkins

See Field book 258 Nash

Home to Jenkins

6 Hours for Harald 83.

Jahmed@ms

Baker

91

Sept 11-1941

At Jenkins - Checking

Plot of Hazelwood Park

Page 3.

8-24 Harold and I start figuring at shack in Jenkins

9 AM We drive to Pelican Lake and look over Frank Larson Foreman for Hanson Survey

Back to Nisswa Buy lunch from Charlie Mahlum

PM

Go over S $\frac{1}{2}$ 3. BS S 37° W on S $\frac{1}{2}$ 2

See Ties to S $\frac{1}{2}$ 2 = R.R. Spike Page 7.

From S $\frac{1}{2}$ 3 Run S $5^{\circ}47'$ W 340.34 set Hub

True $\frac{1}{16}$ Cor SW Cor Gov Lot 1. Sec 14

135-29 Baker corner @ 3 PM and

help Old Cor Set East 29.35 and

to 0.20 Tie to new $\frac{1}{16}$

NP 12 S $83^{\circ}55'E$ 47.35

Bush 8 N $41^{\circ}30'E$ 57.50

Focus N $5^{\circ}47'E$ on S $\frac{1}{2}$ 3 and Run

N $0^{\circ}26'W$ on True $\frac{1}{16}$ line Set RR

Spike Hub West edge of Acid House

92

Sept 11-1941 cont'd

X over $\frac{1}{16}$ SW Cor Gov Lot 1 RunN $89^{\circ}54'E$ over our old line

@ 29.35 old Hut 0.20 S not moved

C $237. + 28.35 = 266.35$

Set old RR spike 0.20 N. Remark old

slab "266.35 E"

Old 300 slab we mark "329.35" E

Old Hut mtd 372.5 + 29.35 we set

0.10 N and mark old slab "401.85"

Old slab mtd 462 - we

mark 491.35

$$\begin{array}{r} 462 \\ 29.35 \\ \hline 491.35 \end{array}$$

Old Hut & old Road N-S we set 0.05 N

Old Hut 600 we set N 0.05 and mark

"629.35"

Old Hut at 687. we set 0.05 N with same

"716.35 E"

Old slab 900 we mark "929.35 E"

Old Hut 912 on line we mark run

"941.35 E" Rain driven us out

Baker helps - 2 Hrs

Herald 8 Hrs - Home to Jenkins

Back to Puget 35° for wood.

Jenkins kids like my flog pole

93

~~5344.2~~
19.49
4.49

5342.77N

1330.22 E

$$0^{\circ}05' = 58935'E \quad 2699.43$$

~~134972~~

~~1349.72~~

1347.20

11

1349.72

252

2.75

93

5340.95

12179.94

110 66
Wix
III

~~4004
1408.45
4622~~

1336.15

NO 25' W -

NO 26' W

1331.61

0.93

1354.87

1354.87

$N 89^{\circ} 54' E \ 2709.74$

1253.94

~~4013.89 H~~
~~2695.12 E~~

1,86

4011.17 N

1369.42 L

~~55 224~~
~~30 224~~
~~20 224~~

5344.60

1336.15

M, E, I, O, N

1336.15

~~1336.15 N~~
4.874 N

M, E, I, O, N

1336.15

5308.26

1327.07

1327.06

N 003912

110.8741 W

2686.827
2710.30 E

124

1359.76 N
2725.48 E

062

1327.07

32.69 N
 2740.66 E

94 Sept 12-1941

Harold back on PWA I work at
Pilean Lake See Field Book

Sept 13-1941

Heavy rain & Thunder last night

9-AM- Bob & Willis find my
flag pole in help pile I pay
him \$1.

Harold and I at 10 AM at Mesquite
Continue old line East

Old Hub marked 1162-we set 500.10
mark same

"1191.35 E"

Old Plate marked 1200 we mark 1229.35 E

We want Total 1354.87.

From Hub 1229.35 we chain East

$$\begin{array}{r} 1229.35 \\ + 125.52 \\ \hline 1354.87 \end{array}$$

True $\frac{1}{16}$ at SEC or GOV Lot 1-

Valley: Our old Hub marked "1354.86"

is one foot long for east-we dismiss
this hub and from True $\frac{1}{16}$ Run

N $0^{\circ}39'W$ on True line

Eat our lunch noon

Time Sheet

Working for Melvin K. Baker on Hazelwood Park

1941 Sept

John W. Curo K ch

Car

Expense

Harold J. Curo K ch

Melvin Baker

| # | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|----|----|----|----|----|----|----|----|
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | 1 | 1 | - | - | 0 | 1 | 1 | |
| | 1 | 1 | - | - | 0 | 1 | 1 | |
| | - | - | - | - | 0 | - | - | |
| | 6 | 8 | - | 8½ | 0 | 9½ | 11 | |
| | - | - | - | - | - | - | - | |

SUN

SSOC

Sept 13-1941 continued
North on True Line East side

Go Lat 1- Sec 14-135-29

We cut the line thro - Heavy
thunder - We make a hurry
up chain ≈ 263.8 Hub 300 pin
600 pin - $64 = 536$. Hub 20 of

EW Road $600 + 127.4 = 727.4$

Hub under π Flag at Wit

Sec Co bears $0^\circ 16' L$

Rain starts - Pack outfit
and beat it home to Jenkins

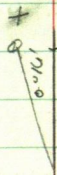
Nat'l I have the length
of this line previously
chained and can figure
the distance

See Page 66 Dist = 1260.64

6 1/2 Hours for Harold @ 50

1260.64 - 727.4 Leaves 533.24

$$\begin{array}{r} 1260.64 \\ - 727.40 \\ \hline 533.24 \end{array}$$



Sept 14-1941 Sunday

Heavy rain -

Last night took
beck Harald get my car
last night to get Mrs Walton

Tel won't work. Harald and
I drive to Pequot Dr Ayers
won't be back till tonight

Call Pine River Hospital
Dr Atkins is out 20°

Back at Senkins all
tel lines dead. Mary Kemper
opens up P.O. I give her what
change I have 2 dimes and a
few pennies. She don't want to
take it. Harald and I to Pine
River tel office - Dr Banton will
come immediately. We wait
for him at Armory - catch him at
P.R. tel office Mrs Banton driving
follow us back to Senkins

Find Martha and Mrs Geo
Walton with Gustafson - 11-30 AM
Still raining like hell - I write in
my car

Baku

98 Sept 14-1941 continued

0°16'

Line

Cor

NECOR
Sec 14 in
creek

$$\text{Tang} = 004654 \times 533 = 2.48$$

1260.64.

46
1326.64

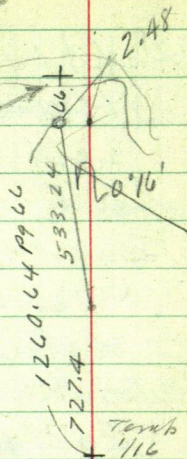
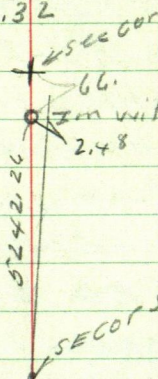
1327.06
1326.64
42

close Fgrs
to length

5242.26 in 2.48 =

0047310K

0°01'13"



SECOR Sec 14-135-29

1359.76 N gals West

0.62

2686.82 N " "

1.24

4013.89 N " "

1.86

1/16

5242.26 " "

2.48

See Page 96

$$4013.89 + 263.8 = 4277.69 \text{ N gals W}$$

$$4013.89 + 536.0 = 4549.89 \text{ N " W}$$

$$4013.89 + 727.4 = 4741.29 \text{ N " W}$$

$$4013.89 + 1261.06 = 5274.95 \text{ W 2.48}$$

To Wit Im 66. / 1200 Sec Cor

Sept 15-1941 Monday

8-30 AM. Harold and I

Lt Jenkins @ Nissan Park Co
in old N S - Road

$$4013.89 = 3981.20 + 203.8 = 4245.0 \text{ gals W -}$$

$$= 00.0113' \text{ W}$$

East Line Gov Lot 1 Correction = 00.4731 W

$$4013.89 = 3981.20 + 203.8 = 4245.90 \text{ ES W } 2.01$$

$$3981.2 + 536 = 4517.2 \quad " \quad " \quad 2.14$$

$$3981.2 + 727.4 = 4708.6 \quad " \quad " \quad 2.23$$

$$3981.2 + 1261.06 = 5242.26 \quad " \quad " \quad 2.48$$

Hut 1354.87 E end of W 1.86 to 1353.04 to

1353.01 end of W 16.5 Hut SECOR Lot 11

$$\text{Then } 200 + 250 = 550 + 225 = 775$$

$$775 + 225 = 1000 + 225 = 1225$$

16.50

216.50

466.5

691.5

916.5

1141.5

$$+ 211.5 = 1353.0 \text{ OK BS - ROD}$$

From Kemp 1/4 SECOR Gov Lot 1

BS N on Hut 263 Page 96 and Run

South on random line

Harold Cuts alone 12-45 PM I go

to Beineid

100

135-29

Sept 15-1941 continued PM.

Get Tax statements Blk1 Curo's Add
To Jenkins Copy US Notes

US Notes: N Bet 13-14-135-29 $V 11^{\circ} E$

2100 Lv Marsh + Tam Swamp E-W

2500 Ent Marsh E-W

2750 Lv Same E-W

4000 Set $\frac{1}{4}$ Cor

BP 8 N $77\frac{1}{2}^{\circ} W 18^{\circ}$

BP 8 S $22^{\circ} E 26^{\circ}$

4100 Ent Marsh and Dead Tam E-W

5200 Lv Same E-W

7900 Slough-Stream Runs West

Set Wit Post

WP 30" S $9^{\circ} E 34$ Lks -

NP 30" S $69^{\circ} W 75$ "

8000 Cor 11-12-13-14 in Slough

Meet Earl Jenkins-Dick

Kyllingstad - who is selling

5 or 6 Acres To Eleanor G

Stevens-Ramsay Co

and others.

Back to Vinawa Find Hauled

Calling alone 6 pm Cont.

9 $\frac{1}{2}$ Hour

John W. Cress

Sept 16-1941 Tues

Harold & I L. Jenkins 7-15 AM

Continue S on E Side 14-135-29

$$119.50 \text{ Hub} + 190.7 = 310.2 \text{ Hub} + 114.2 \\ = 424.4 \text{ Hub} \quad 440 \text{ Ent Swamp}$$

NE SW - 500 ent Laim timber

wet Swamp 724.4 Stake 1024.4
Stake in wet swamp + 256.6 =

1281.0 Hub 1250 L. Swamp

$$NE-SW \quad 1281.0 + 46.06 = 1327.06$$

Hub - Ch West 1.24 and

set 2x36" pipe

True $\frac{1}{4}$ Cor Bet 13-14

over $\frac{1}{4}$ Cor

Old 6" JP Stump N $70^{\circ}30'W$ 13.05

" 6 " " S $32^{\circ}20'E$ 18.05

If these are old B.T.S. our

$\frac{1}{4}$ is set by proportion

1.16 and .89 long See US Notes P. 100

New B.T.S.

JP 12 N $68^{\circ}40'E$ 23.90

JP 10 N $56^{\circ}25'W$ 25.70

Good big spat at base and

3 ft up - course & dist mld on

B.T.S. - also 'Curo'

102

Sept 16-1941 Cont'd

π over $\frac{1}{4}$ Cor 13-14-135-29
 cont'd Old Deep Spots 4 sides
 squared up 8" J.P. Sels 14.50 So
 and 2 ft E. Old E-W-3 wire
 fence is 71.50 ft to chd

NE Cor New Timber cut
 S 35° E 75 feet paced

Pack π H and Cut line N Bet
 13-14-12-13-11-12- Then correct
 E line Gov Lot 1. π over 263.8
 Ch W 2.01 Hut on Sec Line + ^{536.8}16.5
 = 18.51 Hut on E side Lot 11

π over Hut 536.8 N Ch W 2.14
 Hut on Sec line + 16.5 = 18.64
 Hut on E side Lot 11

At 727.4 Ch W 2.23 Hut on
 True Sec Line

1261.06 N True wit Cor W-2.48

Intersect E line with 50 rd w
 Twp road 536.8 19.05 = 555.00
 Total E side Lot 11

N. End Lot 11 = 237.70

π over NE Cor Lot 11 135-50
 N line runs N $57^{\circ}23'$ W 237.70

Quit @ 6:30 = 11 Hours @ 50¢ = 85.50

Sept 16-1941 Cont'd

Nat'l: At noon Harald and I
drive to Peguot: Call on Frank
Larson - gone - On to Senheim for
Harald's shoes

Wilfred Miller is back from
Wisconsin I give him \$1.

Find Dick Kyllingslad at Senheim
with plat of Brookside Park

Wants 6 acres surveyed
Has left \$15 with Eleanor
and will pay bal \$10?

FIGURING

$$N 57^{\circ} 23' W 237.7$$

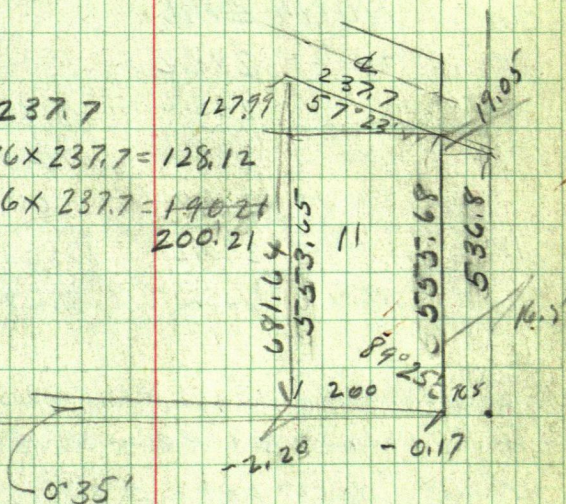
$$\sin 539016 \times 237.7 = 128.12$$

$$\cos 842296 \times 237.7 = 190.21$$

$$\begin{array}{r} 536.80 \\ 19.05 \\ \hline \end{array}$$

$$\begin{array}{r} 555.85 \\ 17 \\ \hline \end{array}$$

$$\begin{array}{r} 555.68 \end{array}$$



$$\tan 9 = 0.10181 \times 16.5 = 0.17$$

$$\times 200 = 20.3 + 0.17 = 2.20$$

104

Baker-Nisswa

Sept 17-1941

$$\text{Tang } 57.23 = 32^{\circ}37' \text{ Tang} = 639.937$$

$$\times 200 = 127.99 - 555.68 = 683.67 -$$

$$2.03 = 681.64 \text{ Bet Lots 11-12}$$

Harald and I L. Senhies

7-45 Call on Frank Larson who
gives me the key to Pelican Lake
Garage - and will follow later

Harald and I work till 11-30 then
to Nisswa Eat lunch See

Pelican Lake Field book

Lat North End

$$16 = 238 + 45.2 = 283.2$$

$$15 \quad 235.6 = 518.8 \text{ bet 14-15}$$

$$14 \quad 235.6 = 754.4 \text{ Bet 13-14}$$

$$13 = 116.7 + 130 = 246.7 = 1001.1 \text{ Bet 12-13}$$

$$12 \quad \begin{matrix} 47.2 \\ 1501 \end{matrix} \text{ and } 92.9 = 290.2 = 1291.3 \text{ Bet 11-12}$$

$$11 = 245.4 \quad 245.4 = 1536.7 \text{ To Lt}$$

$$\text{We Have to } 1001.1 + 64.1 = 1065.2 \text{ EC}$$

$$+ 157.6 = 1222.8 \text{ BC.} + 61.15 = 1283.95$$

$$\text{Temp. now Cor Lot 11} + 237.7 = 1521.65$$

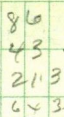
= NE Cor Lot 11

1536.70 Plat

1521.65 correct

15.05 sh

105-


$$\begin{array}{r} 47.2 \\ 150.1 \\ 92.9 \\ \hline 290.2 \end{array}$$
$$\begin{array}{r} 7.35 \\ 23 \overline{) 0.35} \end{array}$$
$$\text{Lat II} = 245.4 \text{ Plat } 15.05 \text{ shu}$$

$$\frac{15.05}{130.25} = 230.35 \text{ ok}$$

Note: Throw all Phorlage in Lot 11.

105
106

Total So End

South End

Lat

16 - 246.00

15 225.00 = 471

14 = 225.00 = 696

13 225.00 = 921

12 250 1171

11 200 1371

8 16.5 1387.5 plat

Qurch 1353.0

34.5 short

Qu ch

Lat

16 OK

15 OK

14 OK

13 OK

12 OK

11 165.5

Lat 11 = So E 34.5 short = 165.50

No End 15.05 short 230.35

staking North End

107

At Stake Mkd 237.7 we ch
E 15.05 T

Stake Mkd 700 is 746 - ch E. 8.4 T. 754.4
Stk Set Rt 75⁸⁴ 13-14

Stk Mkd 500 is 546 - we ch So

Stk Mkd 450 is 496 - we ch NE
22.8
To 518.8 -
Set Stake mhd 14 - 15

Stake Mkd 250 is 296 we ch
283.2
we ch W 12.8 12.8

Set Stake mhd 15-16

west side Lot 16 is 210. ft

6-10 amt

108

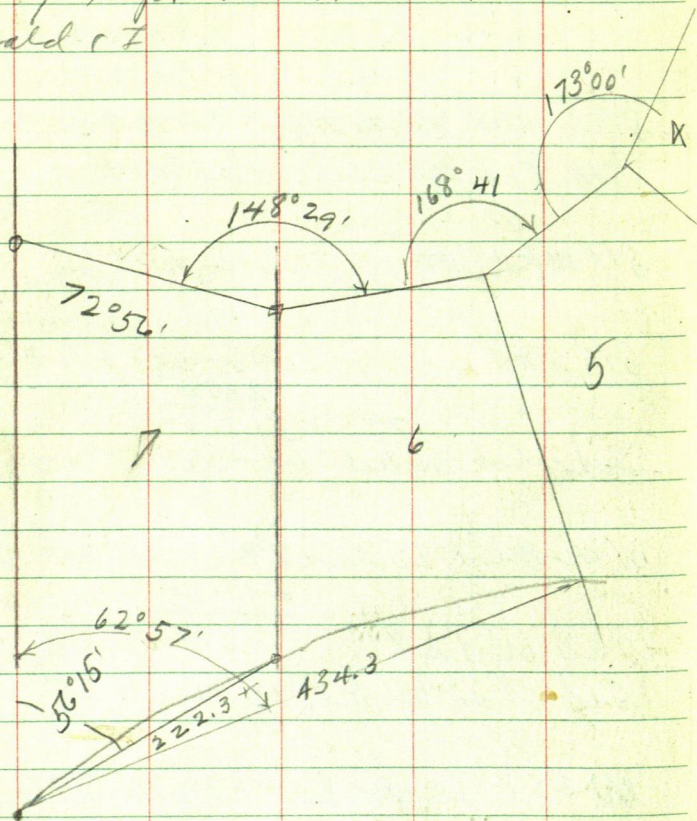
20th 21

NISSWA

Sept 19-1941 Sat! Harold & I LV

Sunday Sept 21-1941

Harold & I



Ans 5-07

π over IP. RR split & Slo 2.
 Hubert Road with True section
 BS S $0^{\circ}39'E$. & Road inner
 N $58^{\circ}02'W$
 NW Angle Road $57^{\circ}23'$ & Road
 Slo 2 under π chain N $58^{\circ}02'W$
 398.90

Baker Cully 2 PM
 Reed Call 2. PM
 We set 2x 24" pipe all
 around Curve in lot 10

π over Slo 3 BS S $58^{\circ}02'E$
 EC Bear N $28^{\circ}32'E$ 100.50
 IM Bet 9-10 Bear N $24^{\circ}48'E$ 173.8
 " ~~with~~ 8-9 Bear N $14^{\circ}18'E$ 369.5
 wit IM N $7^{\circ}45'E$ 500

1-2 N $5^{\circ}20'E$ 273.5
 2-3 N $48^{\circ}14'W$ 67.2

Yellow Lin every 17 slips 50 ft -

N 58° 02' W 34.5

+ 50 N 2° 15' W 42.50

1 N 10° 15' E ¹¹¹ + 50 N 13° 20' E 142

2 N 13° 35' E ²¹⁴ + 50 N 12° 31' E 245.7

3 N 10° 50' E ³¹⁷ + 50 N 8° 50' E 362

4 N 6° 42' E ⁴¹⁷ + 50 N 4° 50' E 465

5 N 3° 15' E & Rd on N Lin 516.7

⁶⁰⁰
83.3
516.7

140 +
133.5
273.5

Yellow Lin & Run

S 60° 40' W 75

S 55° 10' W 140

S 54° 15' W 170

S 55° W 220

S 56° 30' W 270

S 58° W 320

S 59° 25' W 350

T still at pla 3-

BCurve S about $38^{\circ}15'W$ 115.7 T/P1
in 117.5

12-13 S $42^{\circ}45'W$ 179.3 ✓

13-14 S $55^{\circ}42'W$ 417.2 ✓

14-15 S $60^{\circ}49'W$ 448.3 ✓

Lake 3-4 $562^{\circ}28'W$ 261.8

4-5 $565^{\circ}25'W$ 464.2 ✓

3-4 on Lake near
N ~~$562^{\circ}4$~~ N $62^{\circ}49'W$ ✓

Bridge is

Long 14.0

wid. 25.4

outside to outside

N Line cut - 5 ft N
of N end of Bridge

Line Bet Lake 3-4 =

400.30

N $62^{\circ}49'W$ From
Sta 3 To pt on Lake Bet 3-4

Oct 8-
41

261.8

600.0

113

135.8

464.2

417.2

400.30

Harold's Notes: Taken at dusk

π over Sta A = NW cor Lot 15

bet 14 and 15 BS N $60^{\circ}49'E$ to

Sta 3: Bearing to BC 7: ?

bear N $65^{\circ}20'E$

Cor to Lots 12-13 bear N $67^{\circ}26'E$

" " " 13-14 " N $69^{\circ}54'E$

" " " 3-4 " N $59^{\circ}41'E$

" " " 4-5 " N $49^{\circ}26'E$

Too dark to see further

Starts to rain - Stop at Mahlum

Store: Call Louis Knudsen Pres Bud

Mahlum says "Lost Friday"

"fell in Rice Lake" "Lost gun"

Harald + I to Jenkins

$8\frac{1}{2}$ Hours for Harald \$4.50

Nat: Baker gave me Ch \$50.

making a total of \$150 pd Bud due

me \$100. From Baker and \$10

from Gus Baker Jahmuen

114

Oct 9 1941 Thursday

Martha + I To Beairnead

Cash 2- Checks at Citizen State Bk
Baker \$50.

Florence Ogden Padgett Ch. \$17⁵⁰

The County Ch. \$15⁴⁵ I mail
to Harry Paddock-Walker

Pay Mrs Early \$4. up to date
Back to Lenthin at noon

Oct 10-1941 Friday

115

Fine weather: Fill Car $3\frac{1}{2}$ gal
Anti Freeze $\$8.00$ Cash to Charlie
Bye - also $\$1.$ for gas

Martha and I to Peguak
Try to Call Co Surveyor Office Bed
no answer - Meet Earl Dally
take Leveler - find ditch 3 ft
below RR

Libley Turf own Co Bldg
Old Drug Store - Plan a new
Bldg $25 \times 80 - 8$ ft basement
Borrowed $\$6,000.00$ from US -
Let bids Lowest bid $\$11,000.00$

Home to Jennifer 11 am

Figure dirt

$25 \times 80 - 8$ ft deep

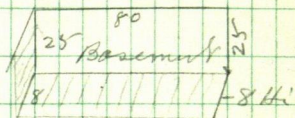
End area = 200 ft

End area = 200 ft

$\times 80$ ft = $16,000$ sq ft

$27 \sqrt{16,000} = 592$ yards

Proposed basement Peguak new Bldg



116

Hazelwood Park
Baker Nisswa Old Vales
Sept

October 11 1941 Saturday

Breakfast at 6-30- Warm Fine
weather- 7 AM Call on Hara and
take him to Martha for breakfast

8 AM Lu Jen him to Nisswa

^{Sta} A X over Cor to Lat 14-15 BS

N 60° 49' E on Sta-3 S < P 9 113-112

Run N 49° 20' E @ 99.5 & Tar + 89.9
= 189.4 @ 01 to $\frac{89.9}{189.4}$ Lat 4-5 ✓

Take & Tar

N 62° 46' E 273.6 East end Tang ✓

S 82° W 169.3 - West end Tang Tar

Cor 5-6 bears N 49° W 77.3 ✓

" 6-7 " S 84° 40' W 201.2

SW Cor Lat 7- S 71° 26' W 468.6 No check

Cor 15-16 S 69° 27' W 235.6 ✓

10-15 AM Bus goes to ✓

X over Cor Lat 6-7 BS N 84° 40' E ✓

West end Tang in Tar East 92.7 ✓

S 82° 55' E 70.5 ✓ S 70° 10' E 50.8 ✓

✓ S 41° E 35.9

S 1° 30' E 36.5

✓ S 25° 40' W 52.0

S 38° W 74.0 ✓

✓ S 43° 30' W 97.8

S 46° W 122.2 ✓

✓ S 47° 10' W 176

S 47° 35' W 171 ✓

✓ S 47° 25' W 196

S 47° 05' W 220.4

- ✓ S 46° 40' W 244.4 S 46° 12' W 268 ✓
 On white line & curve
 ✓ a little past $\frac{1}{16}$ line

Not at 10:45 AM Called
 HAG Gilbertson 4335 SO Knox Ave
 Mpls. Will come back in two
 weeks to survey his 20 acres
 near Pine River Bridge

- ✓ X over Lats 3-4 on Lake Shore
 BS on Sta 3 - P 9112 S 62° 49' E
 ✓ Lats 2-3 Bears N 40° 13' E 130 ?
 ✓ " 1-2 N 37° 45' E
 NW Cor Lat 1 N 39° 07' E

- ✓ Cor 4-5 on Lake S 55° 53' W
 ✓ 5-6 S 59° 45' W
 ✓ 6-7 S 64° 40' about
 ✓ I m NW Cor 7 S 74° 35' W ^{scale abt} 73° 35'
 Ties to 3-4 on Lake
 1½" well point
 W Oak 10 N 84° E 9.10
 J P 4 S 23° 30' W 6.75

1941

119

Philip L. Quinn and
Mary S. Quinn Husband and
wife joint tenants -

3615-14th Ave So - 19th

will be glad to sign correction plat.

Buy more lunch at Mahtum
store and eat lunch at Hubert
Road PM

Key @ Hub on so line

RRRHH Road
7.2°

Hubert Road 7.2 ft NW of NE corner

Lat 12 ch So @ 134 ft 39

ft E of old road NW SE

@ 295.7 Hub & old road

12 "

S - about 20° E and N abt 20° W

300 ft @ 1459.2 Hub

Hubert Road: At 1440 S Road
lies 35 ft E and turns East
to E line of plat at 608.80 ft

34.5

680.60 Hub RR spur to line

34.49 West of 1st Bet 11-12

John W. Cress

Walk West IM bet Lats 12-13

Then West 134.49 To Hut Then
North on cutout line. From 80 To 130
East edge small swamp which
is about round 100 ft across.

North @ 246.2 To Hut

295 Hut 300 pin 521.3 Hut

600 - pin 638.8 Hut 9 ft SW of IM at
12-13. Lies about 5 ft N and 7.5 E
of Hut 638.8.

At Hut 638.8 N @ old Road
lies SW 5 ft and runs about
to 30° W for about 200 ft then
turns R. SW

From IM cor to Lats 13-14
at West 105.4 To Hut in @ old road
which runs N about 30° E for 300 ft
then turns left also about 30° W
150 ft

From IM cor N Lat 13-14 at
West on line line 34.9 To Hut from
which we chain on cutout line
North @ 116.30 wood Hut @ old Rd NE SW
300 pins 318.10 Hut - broken
Scythe bolt @ 457.9 Hut

1941

538.4
7
537.7

Baker

121

at 538.4 slath 537.7 slath
set by eye and almet on
to line of R of W. 9//SW of IM
on to Lats 13-14

2-30 pm.

122

Nov 2-1941 Sunday - at Elito Farming

E of Hubert Road $N 58^{\circ} 02'$

East line Gov Lot 1- $N 0^{\circ} 39' W$

NW angle = $57^{\circ} 23' = 32^{\circ} 37'$

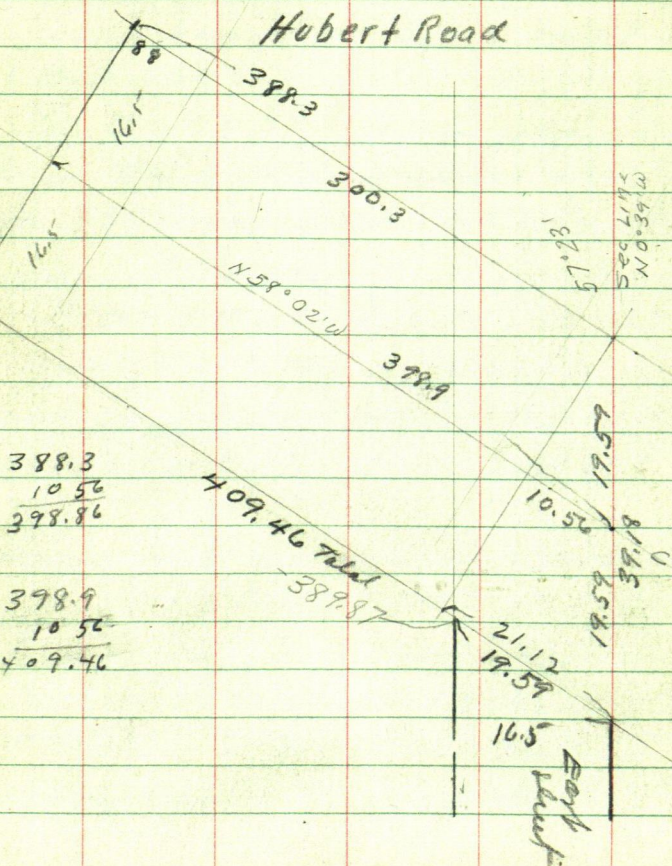
Sine 539016

Cor 84 2296) 33. (= 39.18

Tang 63 9937 $\times 16.5 = 10.56$

Cot = 1.56 26.55

Hubert Road



Page 112 says π @ S 16° 3' - Cor bet 3-4 on Lake
 bears $\overset{N}{S} 62^{\circ} 49' W$ $62^{\circ} 49' = 27^{\circ} 11'$

Sine 456839

Cor 889549

Tang 513563 = 514 in 1000.

check Pg 112 - Lat 14-15 S $60^{\circ} 49' W$ ~~6483~~
 $60^{\circ} 49' = 29^{\circ} 11'$ Tang = ~~558199~~ = 558 in 1000

124

NOV 9-1941 Sunday - Plotting

Robert G. Edwards "Bob" born in
St Paul.

Nov 16-1941

8/16

- 1 = NE Cor Lat 1 - big iron post
- 2 = NW Cor Lat 1 = Judicial Mon
- 3 = SW Cor Lat 1
- 4 = SW Cor Lat 2
- 5 = SE Cor Lat 1
- 6 = SE Cor Lat 2
- 7 = SE Cor Lat 8
- 8 = SW Cor Lat 8
- 9 = NE Cor Lat 8 in creek
- 10 = NW Cor Lat 8 in creek
- 11 = SW Cor Lat 9
- 12 = Imm E Line 544.4 ft SE Cor $\frac{1}{16}$
- 13 = NE Cor Lat 11
- 14 = NW Cor Lat 11

Baker-Hazelwood Park

Lots 1-8-9-10

Gust Boberg

Nov 16-1941 Monday: 8:30 Geo Norman

and I L Jenkins on Nisswa Chain N Line

Lot 1. From Big 6" x 6" iron post Sta ① chain

33.5 E to yellow line Sta ② ch West 221

to Sta ② = 12" Cem Judicial Mon @ 221.7 =

2" iron pipe @ 230 water

Sta ② chain SW 106.7 to 2m Sta ③ = SW cor

Lot 1. Then SW 100.5 to Sta ④ = SW cor

Lat 2 ball on lake shore

From Sta ④ ch E 1 foot punch hole in sand

Aloe π over hole BS W on Sta ② SwingSW angle 90° to a point 1 foot E of Sta ⑤

Sta ⑤ is SEC cor Lat 1. N Line Lot 1 = E x W

From Sta ② chain West 2 ft Hole in

sand π over hole BS on Sta ①Sta ③ bears S $49^\circ 10' W$ 106.7 (106.8)Sta ④ " S $45^\circ 35' W$ 207.2

Sta ① to Sta ⑤ is 241.2 straight

 π @ Sta ⑤ runs S $25^\circ 20' W$ 239.8 to Sta ⑥

5 to 6 is 239.8 straight across

126

Nov 16-1941 continued

Work on line assumed E W bet 8-18-9

S¹⁰-7 Ch west 125.6 Hub + 116.6 = 242.2S¹⁰-8, π @ S¹⁰-7 S¹⁰-9 bears N 5° 05' E

104.5 + 66 = 170.5

 π over S¹⁰-8 S¹⁰-10 bears N 4° 08' W

139. + 25 = 164 - chained 139 to IM wit

S¹⁰-11 bears S 11° 02' W 201. x chd straight

From Hub on E. line 536 N of 1/16

chain North 8.4 to 544.4 small IM

= S¹⁰-12 From S¹⁰-12 run N 57° 23' W19.6 to S¹⁰-13. pull up and set 2 1/4 x 24" pipe= NE Cor Lat 11 = S¹⁰-1313 chain 230.4 to S¹⁰-14 = NW Cor Lat 11

From 1/16 Ch west 16.6 set IM

for SE Cor Lat 11 So end Lat 11 = 165.5 chd

Note: New Meridian for each setup
using cut out line thro E. part of Lat 12 and S.

Hub on S. line 34.5 W of SE Cor Lat 12

See Page 120

 π over o.o. FOCUS so on cut out line

Cor to Lat 11-12 bears S 57° 40' E 7.3

Ch so 680.6 Hub on S. 1/16 line From which

SE Cor Lat 12 bears S 89° 25' E 34.5

NW angle reads 89° 25'

Walk West to Hub on S'1/4 line 34.6 W of
Cor 10-12-13 Focus IV on Cut out line

Cor 10-12-13 bears S $89^{\circ}22'E$ 34.65

NW angle reads $89^{\circ}22'$ chain N 638.8
to Hub Cor 10-12-13 bears N $55^{\circ}30'E$ 9.10 N

Walk West to N Cor 13-14 Town stake
MKd 537.7 N. Cor 10-13-14 brs N $71^{\circ}E$ 9.0

Walk So 537.7 To Hub on 1/4 line from
which Cor 10-13-14 brs S $89^{\circ}22'E$ 35.

Cor 10-14-15 brs N $89^{\circ}22'W$ 190.

Walk N^{67th} on Cut out line Thru E side 14
to Hub mkd 457.9 N from which ch IV
0.90 to 458.8 N punch Hail in sand
TOVER Hail Cor 10-14-15 bears N $89^{\circ}10'$
W 214ft chained TOVER Cor 10-
14-15-BSS $89^{\circ}10'E$ Cor 10-15-16
bears S $70^{\circ}W$ 235.6

We do not stop for dinner but work
till 3-PM I drive back to Junction &
take Newman home 3-30 PM

7 Hours for Leo @ 40° \$2.80 T. kept
by Baker

128 Nov 17-1941

Act wood at Peguat-Marcha + I to Walker
Nov 18-19-20-21-1941 at Walker

Figure Lat lines viz

W Line Lat 1 = 221.0 To Sud Mon

W Line Lat 8 = 269.10 Cors in creek

Line bet Lat 1-2 = 348.8

" " " 2-3 = 412.3

" " " 3-4 = 400.3 chd.

" " " 11-12 = 677.05

" " " 12-13 = 645.40

" " " 13-14 = 541.02

" " " 14-15 = 459.80

" " " 15-16 = 378.80

West line Lat 16 = 210.00

Soil line Lat 11 = 165.5

N Line Lat 11 = 230.4

Line bet Lat 8-9 = 242.2

" " " 9-10 = 263.0

E Line Lat 8 = 104.5 To IM + 66 = 170.50

W Line Lat 8 = 139 To IM + 25 = 164 in creek ^{Via curve}

W Line Lat 1 = 106.8 E Line = 242.3 via curve

W Line Lat 2 = 100.4, E Line = 242.7 via curve

All others Same as shown by reed Plat

Nov 22-1941

John A. Cuo

Hazelwood Park

129

Plot

W.D.P. 77

Lots 1-8-9-10 Gust Boberg & Ruth wife

" 2-3-11-12-13-14-15-16 Marvin V.

~~Hazelwood~~ Baker and Harriett 93 D.P. 73

Lat 4 Snakey Joe viz John

Zulakis and Adeline E his wife
and Catherine R. Mikesch - single

Lat 5. Philip L. Quinn & Mary J. wife

" 6. Thyra K. Peterson 41-7, unmarried

" 7. A.G. Snackenberg & Dollie wife

copied at Beaman about Nov 17-1941 ~~also~~

Address

PL Quinn 3615-14th Ave So Mpls

130

Baker NISSWA

May 10-1942 Sunday Car struck

" 11 " Monday - \$6.00 Nubar Fix car

5 PM Martha & I at Bed

Martha stays with Dwight Jr and Doris

at McKinley Res. I stay Nat Hulel Rm 3rd

May 12-42 Call on Dr Jamina home to walk alone

13-1942 Plating

Oct 22-1943

$\frac{80}{33}$
47

131

Figuring

$57^{\circ}23'$

$$\text{Sine } 539016 \times 47 = 55.80 = 30.08$$

$$\text{Cos } 842296 \times 47 = 55.80$$

$$\text{Tang } 639937 \times 47 = 30.08$$

$$842296 \times 55.80 = 47.00$$

$$842296 / 16.5 = 19.59$$

$$639937 \times 16.5 = 10.56$$

$$\text{Tang } 639937 \times 47 = 30.08$$

$$\text{Sine } 539016 \times 55.8 = 30.08$$

$$\text{Sine } 539016 \times 19.59 = 10.56$$

$$\text{Cos } 842296 \times 19.59 = 16.50$$

$$\text{Tang } 639937 \times 16.5 = 10.56$$

$$\text{Cos } 842296) 80 (= 94.98$$

$$942296 \times 94.98 = 80.00$$

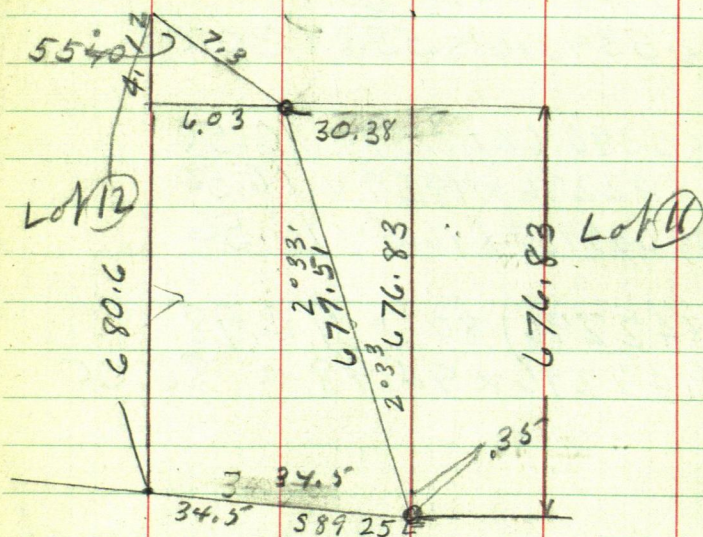
132

Figuring

Page 126 This Book 251

Halis Bay, New Meridian
for Each Out out line bet
Lots

Lots 11-12

Tower 00. The N Cor Lots 11-12
bears $S 55^{\circ} 40' E$ 7.30 FtSine $825770 \times 7.3 = 6.03 E$ Cor $564007 \times 7.3 = 4.12$ Sine $99994834.5 = 34.5^{\circ}$ Cor $010181 \times 34.5 = 0.35^{\circ}$

$$676.83 \div 30.38 = 4488.571 = 2^{\circ}33'$$

$$2^{\circ}34'$$

$$\text{Sine } 0.44782 \times 676.83 = 30.31$$

$$\text{Cos } 998997 \div 676.83 = 677.51$$

$$\text{Tang } 0.44827 \times 676.83 = 30.34$$

$$N 57^{\circ}23'W \ 230.3$$

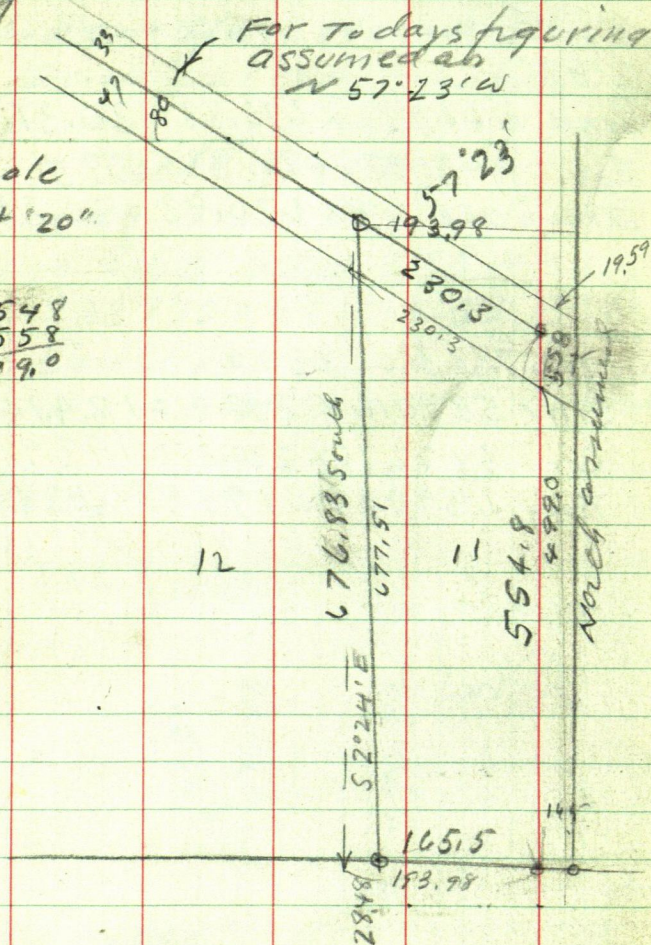
$$\text{Sine } 539016 \times 230.3 = 124.14 N$$

$$\text{Cos } 842296 \times 230.3 = 193.98 W$$

$$\text{Tang } 639937 \times 193.98 = 124.13 N$$

Oct 22-43 Figuring
at Jenkins 12-30 PM
- For Today

For To days figuring
assumed as
N 57° 23' W

$$\begin{array}{r} 5548 \\ 558 \\ \hline 499.0 \end{array}$$


$$(676.83) 28.48 = 04207851 = 2^{\circ} 24'$$

135-

S 2° 24' E

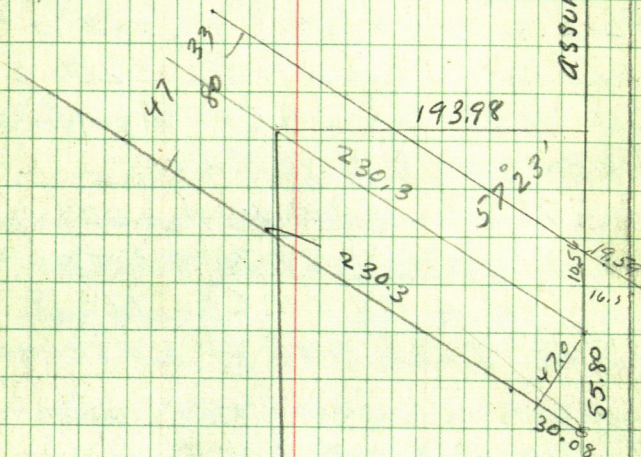
Since 041876×4

No scale

Q. 999/23

Tang 041912

assumed North



136

98.40
51.3
 149.7

98.4
51.3
 149.7

3.45 PM Pick up North Newton

On Nisswa 4.10 Town NE Cor Lot 11

BSN 57°23'W Run South 55.80

Set 1½ x 36" Galv pipe MKD NE Cor 11

Pack π West to Hub 47 ft out

Rake in Line 11-12 @ 230.3

Set 2 x 20" pipe for Cor to 11-12

From Cor to 11-12 Cham

N 57°23'W @ 98.40 Hub 208 pipe
 under π @ 149.70 Hub IP. On

SW 134.4 to IM Cor 12-13

Set Lath @ 15 ft External

π over Old IM Cor 11-12

FS S 57°23'E NEW 2 x 20"
 pipe at New Cor 11-12 bear
 South 55.70

Run S 2°24'E 55.7 pm 2.35 E

L from Corner π 11-12 @ 300 set

flag Then set lath 1.50 R. for
 about the line bet 11-12

Quit at 6.00 PM

4.10 to 6.10 = 2 Hours 60° pd
 North

Oct 31-1943

Meet Boberg and son in Jenkins
Boberg says he will get Ryan
Lawyers and fight for his full
foot of land

Oct 31-43

I receive a letter from Mr Baker
who says he does not feel that
he should give Baker any
of his land

To-day, Nov 1-1943 Monday
I am going to call on them
to see if we cannot some how
leave the lions I have set
stay about where they are or have
Baker deed Baker a strip of
land 30- or 35 ft wide along the
North side of where his line
would fall if surveyed

138 Feb 5-1944 Sat

9-30 breakfast with Mary Hill 80°

Dinner Coffee etc at Lowson 40°

PM

Harald + I to Nisswa. Meet Ernie Baker
at Lat 1-2- Plat of Hazelwood Park

To fix line bet Lats 1-2- bet Baker
and Baker. Baker will deed Boberg
North 32.4° feet of Lat 2. -

The 2" pipe on East end set by me is
32.3 feet S.W. from point for True NE Cor
Lat 1. Chained via Curve See My Tentative
Blueprint We will Run a line Westerly
Parallel to True N Line of Lat 2.

Hazelwood Park

to a corresponding point on Lake Shore

From IM 2x48" pipe on seawall
at True SE Cor of Lat 2. we chain

N. Ely along shore $140 - 32.3 = 107.3$
(Should Have Been 107.7)

Drive 1x48" ^{rod} pipe on seawall 10 ft E
of waln from Red Run & line Easterly
@ 122. Hub + 110 = 232 Hub + 82.8 = 314.8
Hub: 232 + 113.3 = 345.3 pt 1.75 so from
IM Correction: .005068

At 122 ch N 0.62 Set spike 60 ft N on true Line

345.3

313.8

31.5

139

at 232 ch N 1.18 set 60 d spike West bank

@ 314.8 ch N 1.60 set 60 d spike on "True Line"

@ 345.3 I M 2" pipe old - sets N or L 1.75

At 222 E @ 11" IP & blazed for "True Line"
sets W. 1.50 at base = 120.5 E

At 314.8 E 1.60 Hits & N Half of 8" pipe
sets 1. ft W. $232 + 113.3 = 345.3$ I m sets 21.75

Note: Next Spring, when I set the 2" pipe for the SW cor of the 32' foot strip Off the North edge of Lot 2. Hazelwood Park, I will set it 0.40 of a foot North from the 1x48" Rod I set to-day, then the line going Ely will cut the North edge of the 11" IP I blazed 120.5 East and it will almost miss the North edge of the 8" Pipe 313.8 E which has 31.5 W from 222 on R of Way Tar road.

We drive to Round & Gull. Liss Bobens says OK and pays me \$10.00 in full for old work. Cold as hell. Back to Jenkins at 7. Mary is locked up no supper - Harold goes to Farm Eats beans with Mattie. I eat at Lowmors Cold lunch. See Book 236. Jahmed Curo

140

Later

Harold and I TOVER I M of P1-
on curve 32.3 SE 9 pt we will need
call the NE cor of Lot 2. Focus
Westerly to new pt - iron rod on lake
shore at pt on New Boberg subdiv
SW Angle reads $94^{\circ}40'$ 242.7 ft
SW " $103^{\circ}10'$ on curve 100 ft away
SW angle $106^{\circ}30'$ 50 ft
NW Angle to big C post on line
 $59^{\circ}20'$ Hazelwood Park
Lot 1 - Deeded to Gust Boberg
Lot 2: Marvin V. Baker and
Harriett Baker - wife 43-0 p, 116
Boberg wants the 32.3 ft
deeded to Ernest T. Boberg

Oct 16 - 1959

I get a phone call to come to Nisswa I tell the party I will be down Wed. Oct 8 - 1959 to meet him at Sportland about $1\frac{1}{2}$ mile S of Nisswa

I can not look up old survey Note as he told me it was to hard for him to tell me how to get to his place

Don & I drive to Sportland where we meet Mr. Frank Hochmayr he has bought the S 300 feet of the NW of the SE of Sec 14 - 135-29 except the E 560 feet, subject to easements I can not do any thing as I have no Notes with me only find out what he wants done & where. I Copy his Description
F. Bruce Harjes & Delores M. Harjes
to

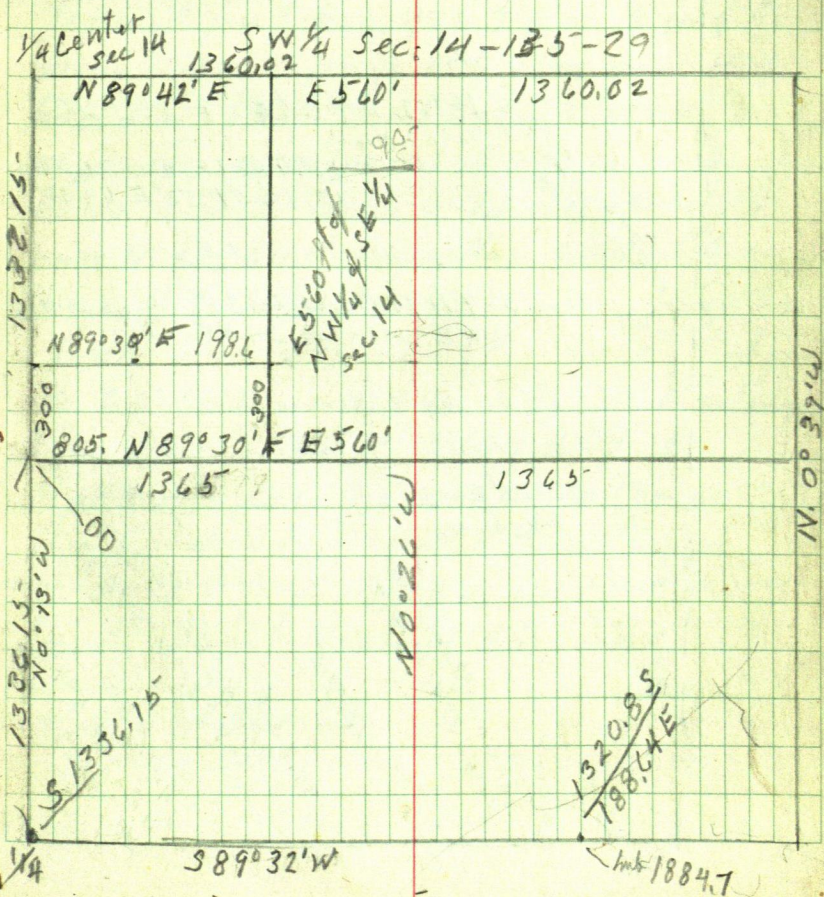
Frank Hochmayr

A parcel of land in the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ Sec. 14 T. 133 R. 29 which is bounded on the South by the South line of said NW $\frac{1}{4}$ of SE $\frac{1}{4}$ (= S $\frac{1}{4}$ line) bounded on the East by the land described in deed recorded in the Office of the Reg. of Deeds in Crow Wing Co. Minn.

in book 159 of Deeds on Page 89.

on the North by a line parallel with
300 feet North of said South line
and on the West by STH No 371
Subject to Easements

I come back to Kallmer check old
Notes in this Book 251



144

old Note

stone 1/4
Sta 8
S 89° 35' W
N 47° 03' W
Sta 7-859.5
JP 16 S 24° 43' E 781.6
" 14 S E 36.12
Sta 5
Birch 10 N 16° 05' E 23.7
Oak 6 N 79° 24' W 46.8
Sta 6
Oak 8516° 15' W 57.7
" 6 S 59° 36' W 61.2
See page 5 this Book
JP 16 S 24° 43' E 781.6
JP 12 S 56° 32' W 71.88
Sta 5
JP 10 N 12° 14' E 53.00
" 9 S 86° W 42.00

Sec 1/4 N 0° 13' W 5-3 44.6

Sta 2. 18 N W of E Edge of ditch
Ties to Sta 2
JP 14 S 56° 32' W 76.53
" 9 S 59° 53' E 64.30

Sta 1 Ties JP 9 N 40° 17' W 30.35 spot at base
" 4 S 46° 14' W 24.55

N 89° 30' E
S 1/4 line

1/8 24
1, 9 22
1, 9 22

N 1/4 26-26.7
1336.15

JP 16 N 28° 26' W 25.80
JP 4 S 39° 41' W 14.9

Star 1192 E
1884.7

JP 8 N 45° E 25.26
" 7 S 31° 34' E 16.35
2414.3
JP 12 N 65° 04' E 17.00
JP 9 N 42° 23' W 17.0

Oct 8th 1959

I go to Court House and check old
survey Notes until 12 midnight

Oct 9th 1959 raining stormy

to locate Frank Hochmayr's
property the easiest & quickest

Go to South line Sec 14-135-29
try and find Hub 426.7 E of $\frac{1}{4}$ in $\frac{1}{4}$ Hy.
from ties in page 144 also but 1884, 7
from ties back said S line west to
pt for $\frac{1}{4}$ at a point E of $\frac{1}{4}$ site
E on our old line & turn L $89^{\circ}32'$ &
run N $1336.15'$ parallel to N & S $\frac{1}{4}$
then W to S $\frac{1}{4}$

from S $\frac{1}{4}$ B.S.S on flag held at pt for
 $\frac{1}{4}$ $S 0^{\circ}13'E$ and run N $89^{\circ}30'E$ along
S $\frac{1}{4}$ line $1365 - 560 = 809'$ to
Hochmayr's SE corner thence
N $0^{\circ}26'W$ 300 ft to NE cor. thence
W. on $S 89^{\circ}30'W$ along a line parallel to
and 300 feet North of S $\frac{1}{4}$ line

| | | | |
|------|------|------|----|
| 5840 | 5670 | 4881 | 21 |
| 734 | 2000 | 1881 | 1 |
| 7 | | | |

144

Oct. 13th 1959

Don & I to Nisswa we go to the South line of Sec. 14-133-29 try and pick up our old line run 18 years ago. We do not seem to find anything as the State Highway has built a two lane road in order to locate the $\frac{1}{4}$ S. side sec. 14. We drive into Brainerd to the Highway Office for ties to said $\frac{1}{4}$ they tell us to stop and see Art Lorkin who is working near Round or Long lake. We pass the Hi crew on the way to Brainerd so we start back do not see State truck or work crew any where drive into Pequot for dinner.

2.7 N + 26.3 E.

50
90
170

8919
13
72

147

We find I M at S E cor sec 14
chain W @ 170 + 90 + 110
we find RR spike hub 2414.3 from
which we chain W 210 + 210 = 420 + 109.6 =
529.6 where we find our old RR spike hub
also old ties

Drive to Walker where Don & I
paint the Box or cover of the truck Red

Oct. 14-1959

figuring

The $S\frac{1}{2}$ Center of Sec. 14-135-29
00

run S. $0^{\circ}13'E$ 1336.15 called South
Sine

cosine

run N $89^{\circ}32'E$ 1884.7

sine $9999.67 \times 1884.7 = 1884.64$

cosine $008145 \times 1884.7 = 15.35 N$

Don, Ed & I Tower hub 1884.7
BS on hub 2414.3 and run E
chain E from old RR spike hub 1884.7
 $160 + 240 = 300 + 240 = 540 + 34.4 = 574.4$
hub on E shoulder of Tar road

Tower 574.4 BS N 89° 32' E
 on flag at 1884.7 and run
 N 62° 28' W. 240 + 240 + 240 = 720 +
 64.35 = 784.35 AP

Tower 784.35 BS S 62° 28' E + run
 N 31° 26' W 240 + 240 + 240 + 240 +
 6.35 = 966.35 AP

Fig 1 1884.7
 - 574.4

 1310.3 E to spike on

E shoulder of road

N 89° 32' E 1310.3 = 1310.26

Sine 999967 x 1310.3 = 1310.26

Cosine 008145 x 1310.3 = 10.67

run N 62° 28' W 784.35

Sine 886742 x 784.35 = 695.52

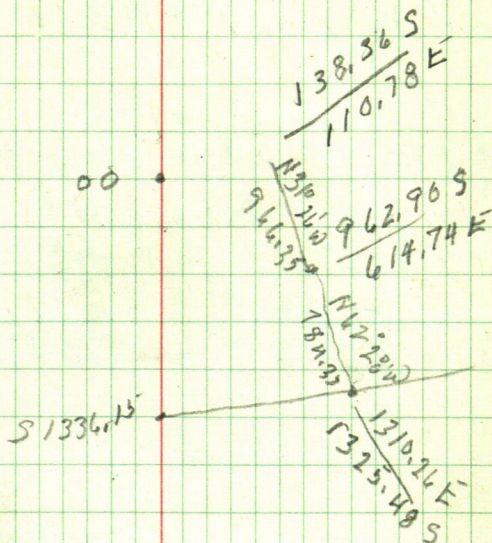
Cosine 462265 x 784.35 = 362.58

run

N 31° 26' W 966.35

Sine 521504 x 966.35 = 503.96

Cosine 853248 x 966.35 = 824.54



1336.15
 1067

 $1325.48 S$
 362.58

 $96.29 S$
 824.54

 138.36

$1310.26 E$
 $695.52 W$

 $614.74 E$
 $503.96 W$

 110.78

150

$$\begin{array}{r} 212.8 \\ \hline 211.2 \end{array}$$

Tower A P 966,35 BS S 31° 26' E
run North 138,36.

Tower 138,36 run W 110,78 to pt
for S $\frac{1}{16}$ Center S $\frac{1}{2}$ Sec 14

Tower $\frac{1}{16}$ run N 89° 30' E 110,78

+ 245

175.28

@ 175.28 adged R/W #371

175.28 + 211,2 = 386.48 but 50' ^{adj}

805

240

626.48

725.88

99.4

79.12

725.88 but

805

386.48

418.52

Art Larken

1 mile West past 1st house
Take drive way South

$$\begin{array}{r} 2740.85 \\ 2414.3 \\ \hline 326.55 \end{array}$$

370

$$\begin{array}{r} 2414.3 \\ 1884.7 \\ \hline 529.6 \\ 420 \\ \hline 109.6 \end{array}$$

$$\begin{array}{r} 2740.85 \\ 734 \\ \hline 2006.85 \\ 1884.70 \\ \hline 122.15 \end{array}$$

1192

734

1926

1884

42

170

90

110

370

326.55

434.55