

249

HEIDGEN

ENGINEERS

FIELD BOOK

No. 403

Book No 249. Curo

Cross Lake

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.



1  
This BOOK N° 249  
Belongs to John W. Curo  
Jenkins Minn

If lost Finder please  
return for suitable reward  
July 1- 1940

John W Curo

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Watertown Sec 21-137-27 Pg 6 to 48

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De Zella - N. Line Sec Book N<sup>o</sup> 31 Pg 75

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Sec 8-137-27

Dr Westman - Webb Pg 68 to 95

Sec Cor

Ties 4-5-8-9-137-27

Sled Shoe For Cor BK 158-B Pg 68-18

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# Addresses

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## CROSS LAKE

July 1-1940 Sec 21-137-27

Re Survey

I am to Set the center  
of Sec 21-137-27 For

Mr Swan the store  
keeper who on 1939  
paid me \$ 25. on account

About July 1- 1940 meet  
La Vere Allen in Biannet  
and he says for me to  
finish the Survey and  
the Town Board of  
Watertown will pay me  
the balance

July 1940 receive  
a letter from M.M.  
Chenevert Town Clerk



# Cross Lake

7

Time sheet Working For Watertown Twp 137-27

1940 July

John W. Curo <sup>\$1.80</sup>

Car Miles @ 50¢

Expense

Harold J. Curo <sup>\$1.80</sup>

Harold Curo @ 40¢

Car Miles

Exp.

Jim Edward

Marvin Aldrich

Wifred Miller @ 30¢

23 24 25 26 27

21 22 23 24 25

26 27 28 29 30

31 1 2 3 4

5 6 7 8 9

10 11 12 13 14

15 16 17 18 19

20 21 22 23 24

25 26 27 28 29

30 31 1 2 3

4 5 6 7 8

9 10 11 12 13

14 15 16 17 18

19 20 21 22 23

24 25 26 27 28

29 30 31 1 2

3 4 5 6 7

8 9 10 11 12

13 14 15 16 17

18 19 20 21 22

23 24 25 26 27

SUN

4 5 6

7 8 9

10 11 12

13 14 15

16 17 18

19 20 21

22 23 24

25 26 27

28 29 30

31 1 2

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6 7 8

9 10 11

12 13 14

15 16 17

18 19 20

21 22 23

24 25 26

27 28 29

30 31 1

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July 23-1940

JM. and Cor pick up Harald  
Curo Lt Jenkins 9-AM.

Call at Swan Store - Meet Duff  
Kimball and drive to rest

who takes his car to pick up a  
man and will have one ready  
at 1-30 PM. today.

Harald and I go over  
the lines - Find my old  
Hubs R.R. Spikerson E-W  
Random thro & see

21-137-27.

also find 1/4 Cor West of  
um Bozell res.

11-10 AM we are back in  
Jenkins

John W Curo



July 23-1940

P.M.

Harald and his Car to  
Jenkins 12-30 P.M.

Harald's Car Speedometer reads  
38042 Harald arrives  
1-15 P.M. at Town Hall  
Cross Lake

James M. Ellwood is  
at same time

Harald's Notes

Watertown Temp 137-27 Sec 21

I leave JWC @ 12-30 P.M. Car  
reads 38042 miles and at  
Town Hall at 1-15 P.M.

James M. Ellwood arrives  
at same time. I help

I start him mowing  
brush. T over Hat 0.0 = R.R.

spike on E.W. L = Temp 1/2

where JWC. has driven a

R.R. spike for Temp Center

Walk East about 400 ft

Harald J. Cunn

10

@ East

Take Ties to Hat

NP 14 S 31° 30' W

R Oak 4 S 38° 49' E

We have no chain

Turned from E-W - Random

$\pi @ 90^\circ = \text{Sl} 1$

Sta 2 - Hat no Ties

Sl 3 = E Ties

NP 16 N 56° 11' W

Burch 4 N 61° 24' E

Chain later

Sl 4 = E Ties

JP 10 N 55° 27' W

R. Oak 8 N 45° 30' E

Sl 5 = East Ties

Red Oak 5 S 87° 15' W

" " 4 N 59° 17' W



$$\begin{array}{r} 34 \\ - 5 \\ \hline 170 \end{array}$$

$$\begin{array}{r} 18 \\ 4 \\ \hline 720 \\ 150 \end{array}$$

$$\begin{array}{r} 18 \\ 3.60 \end{array}$$

11

Easton Random E Dec 21-1372)

Out at 6-05 PM and  
drive back to Jenkins  
At Jenkins 6-45 PM

Time

Spedon 38.076  
380 42.

.34 Miles for Harold

Same for J.W.C.

Harold

AM. 2 Hours @ 60° 1.20

PM. 6 1/2 in PM less 1.20

going & coming = 4 Hrs

and 50 minutes @ 180 8.70

9.90

Cor 34 Miles @ 5° 1.70

Total for Harold 11.60

J.W.C. 2 Hrs @ 180 3.60

34 miles @ 5° 1.70

Total for J.W.C. 5.30

Jim E. Wood 5 Hours @  
Harold Jones

12

Waterlown 21-137-27

July 24-1940

Harald Curo and his car.

Lv Jenkins 7-15 ar 7-40

Lv Spedon 38080

Ellwood did not show up  
till 9 AM and will not be  
able to help until afternoon  
Til paler on all down and  
Jim is their trouble shooter

I go to Bowers who says  
he will get a man

I go back and cut line  
alone

Marvin Aldrich arrives at  
10-30 AM. Continue line

East on Randoms & ar 21  
PM

1 PM Cut line and at Huts  
no chain

Glo No 6

East Tr.

Red Oak 8 N 10° 48' E

JP 12 N 81° 13' E

chain later

James Ellwood ar 1-15 PM



Sto N = 7- = E

Hub on Sea wall west side  
Bull Head Lake no lies  
look for Qu's old Im  
no find

Walk West to Temp Can  
Sto 0.0 and run

West on random & for 21  
137-27

Cut thro Swamps

T @ Sto 1. West Check with  
Hub as Book right 3 Hub  
lost all line up 0.15

Hub N = 1 West

Bench 10 N 0° 39' E

W Oak 8 N 76° 54' E

To be Channel later

West over Swamps

@ Set Hub

Sto 2 West

Pap 10 N 23° 20' W

Turn Red Oak 1x at base

and 4' fork S 62° 15' E

14 July 24-1940

Sta 3-West-

18  
95  
90  
102  
1710

Quit for mile 6.10 PM

At Jenkins 6.50 PM

Speedom 38115

38080

35

35 miles @ 5% = 1.75

5  
175

Harold

AM 7.40 T. room =

4 Hours 20 Minutes

PM

5 " 10 "

9 " 30 "

9-30 @ 18% =

\$17.10

on

1.75

Total for Harold

18.85

Aldrich 6 1/2 Hours @ 30%

Ellwood 5 "

JW @ nothing

Harold J. Curo



21-137-27  
Waterdown

15

July 25-1940 Thursday  
Harold Curo and his car and  
lunch Lapean @ 6:20 AM  
Ar Curo Lake 7:05.

L & Speeder 38117

Ellwood and Aldrich are  
here waiting L & Car at \$40.00  
in Car see 21-137-27 pack &  
with  $\frac{1}{2}$  mile to

$\frac{1}{4}$  Cor at 16-21-137-27

BS @ 1 mi @  $\frac{1}{4}$  Cor work & on line  
to cut old fence and run

South on random & see 21

Ellwood Leaver @ 9-10 AM

Harold and Aldrich continue

South on & @ about

@ about 1000 ft S of Hub 14-1-20

Red Oak 5538°12'E

W " 4N41°48'E

PM

Ellwood return @ 1-45 PM

@ about 800 ft =

Set Slt 2-5. @ 0.70 N of fence Cor

on

16

South on random &amp; 21-13727

Slt 11 3-S. at Hb

Red Oak 4 N 75° 30' W

JP 4 S 16° 18' W

Slt 5- 20 set Hb

Slt 6 } sets at N 3 1/2 E of Temp. Culi  
" 7 }

Slt 8- Hut on lip of hill

ROak 5 N 12 W

" 3 S 66° 06' E

Slt 9- RO. 6 N 83° 55' W

NP 2 X S 8° 04' W

Slt 10 set Hb

5 and

Gent for mile 5-50

Ac Jenkins 6-30

Shedon 38151

38117

34 miles @ 57 1.70

Harold AM 4 Hours 55 Minutes

PM 4 " 50

Harold 9 Hrs 45 @ 180

\$17.55

Car 34 @ 5

1.70

19.25



21-137-27

17

July 25-1940

continued

Ellwood 6  $\frac{1}{4}$  Hours

Aldrich 9. Hours 45"

Harold G. Corso

18 July 26-1940

Harald Jensen His car and lunch

Lv Jenkins 6-45 AM

L Fredon 38151

Ar Cor Lake 7-10 AM

Same crew watching continue

South meadow E Sec 21

137-27

All Hubs are R.R. spikes

Sta 10 Tier

NP 24 N 38° 30' E

JP 14 N 35° 39' W

Starts to rain @ 7-45 AM

$\pi$  over Sta 10 set Hub 1.63 E of  $\frac{1}{4}$

Cor bet Sec 21 and 28-137-27

$\frac{1}{4}$  Cor is 3" Round Oak stake  
set in a hole 1 ft diam x 1.50 deep

$\pi$  over Sta 10 Set R.R. spike 1.63 E

of  $\frac{1}{4}$  Cor on the side Sec 21

The  $\frac{1}{4}$  Cor are first here as  
a 3 inch round Oak stake  
set in a hole 1 ft in diam



and 18 inches deep. It is  
an old stake with new tin  
washers put in top with  
shingle nail

T @ Slo-10 stake bears  
S 0° 11'

1/4 is in Paplar Swamp

all go to W 1/16 on E Sec  
21-137-27 where we may  
split and run West  
but as trees are too thick  
decide to wait and get  
the big transit.

We go East to Rat Lake  
mow brush and look  
again for Cucco's old  
iron pipe. Witness 1x  
Find nothing

11-30 AM we are back  
to Center Sec 21-137-27

Quit and drive home  
to Jenkins @ 12-10 PM

Leedom reads 38.186

Harald J Cucco

20

July 26-1940  
Train

Harald Kuro

710 to 11-30 = 4<sup>47</sup>00m 87.80

4 + 240 Cor 35

1.75

Harald  $\frac{260}{20} @ 3\%$

$\frac{5}{1.5}$

Total

9.35

38186

38151

35

Harald 4 Hours 20 Min.

Ellwood 4" 20 "

Aldrich 4 20 "

Harald Kuro



July 27 1940

JWC and Harold Messing  
3 Hours \$10 from JWC

July 28-1940 Sunday  
all day at Jenkins

JWC at Pine River La  
Mr GA Lincoln and  
Oliver B. Olson

July 29-1940 Monday

I go to Pine River - see  
Mrs G A Lincoln take her  
room

Harald comes over for  
dinner - and hangs screen  
door 50¢ to Harald

We look up old values

July 30-1940 Tues

Harald and I to Cross Lake

See Mr Bower who says Town

Board meet Tuesday

Duff Kimball says his work  
must be done by Sat

Harald and I return to Jenkins  
Martha & I go to Walker



## Old Nales

Book 64 Page 38

Knutsons Ties: SECOR 21-137-27

21-22-27-28

JP6 S 8° E 43 Feet

JP6 S 49° E 41.6

See also Page 10 - Book 64

No

## Old Nalis Book 64

- |    |                              |
|----|------------------------------|
| 1  | Book 64 Pg 7-10-15-33-41     |
| 2  | Book 64 Pg 40-41             |
| 3  | Book 64 Pg 15-26-40-41-81    |
| 4  | Book 64 Pg 27-40-41-         |
| 5  | Book 64 Pg 25-37-40          |
| 6  |                              |
| 7  | Book 64 Pg 111               |
| 8  |                              |
| 9  |                              |
| 10 | Book 64 Pg 73-               |
| 11 | Book 64 Pg 21-23-29-30-33    |
| 12 | Book 64 Pg 87                |
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| 15 | Book 64 Pg 84-109-117-       |
| 16 | Book 64 Pg 115               |
| 17 | Book 64 Pg 22-41-81-118-     |
| 18 | Book 64 Pg 41                |
| 19 | Book 64 Pg 101-111           |
| 20 |                              |
| 21 |                              |
| 22 | Book 64 Pg 78-87             |
| 23 | Book 64 Pg 33-35-38-71-72-78 |
| 24 | Book 64 Pg 74                |
| 25 | Book 64 Pg 27-35-73-117-     |



Sec 21-137-27

5	4	3	2	1
6	7	8	9	10
17	16	15	14 13	12
18	19	20	21	22
27	26	25	24	23

26 Book 64 Pg 27-101.

27 Book 64 Pg 117

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Book 64 Plats 75 79-83-95-116-

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23

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26

27



## CROSS LAKE

See BOOK 64-214-212-154-

27

5	4	3	2	1
6	7	8	9	10
17	16	15	14 13	12
18	19	20	21	22
27	26	25	24	23

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July 31-1940 Wed

All day and over nite in  
Walker Harold at Jenkins.

Aug 1-1940 Thurs

Martha and I - Walker to  
Jenkins - 6-PM. Harold and  
I go to Cross Lake - work till  
dark at NW Cor 16-137-27 for  
Duff Kimball - We dig up my old  
RR spike  
Book 223-



Duff Kimball

Aug 2-1940

Martha, Harald and I to Bed  
Lv Martha at Mc Kinley ResHarald and I eat at W.W. Walker  
Restaurant 45.<sup>c</sup>

P.M.

Drive to Lion Lake and work  
for Duff Kimball

30

$$\begin{array}{r} 130037 \\ 130213 \\ \hline 260250 \end{array}$$

$$\begin{array}{r} 260250 \\ 263318 \\ \hline 523568 \\ 523568 \\ \hline 261792 \\ 130892 \end{array}$$

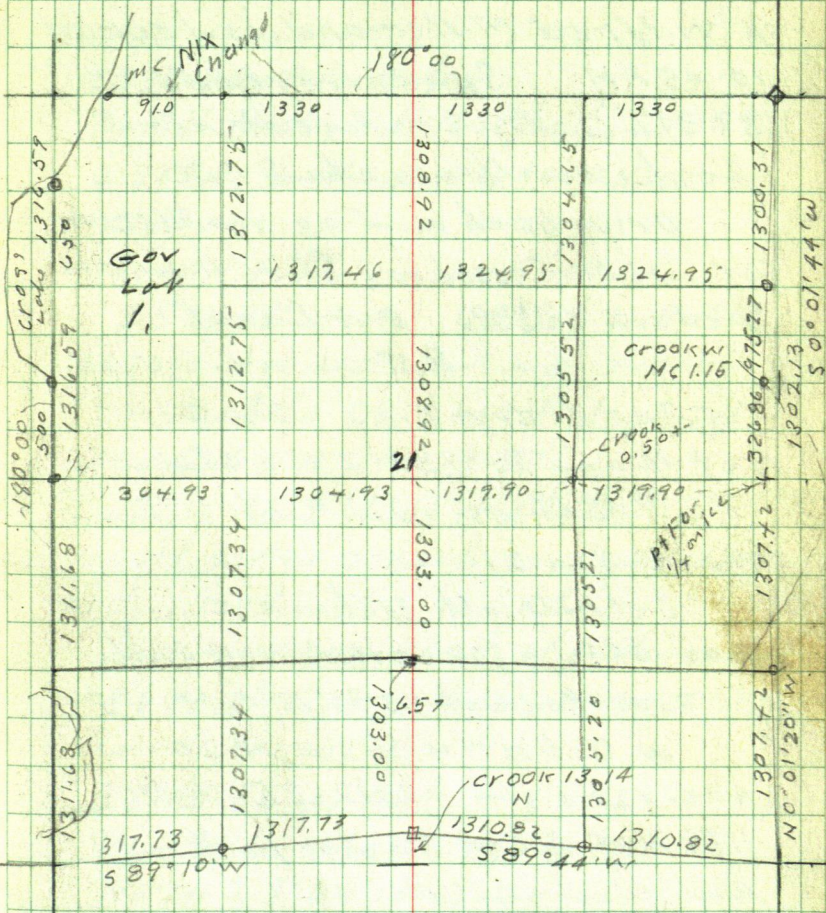
$$\begin{array}{r} 1316.59 \\ \hline 263318 \end{array}$$

$$\begin{array}{r} 130892 \\ \hline 261784 \\ \hline 1656 \\ \hline 132 \end{array}$$



# Sec 21-137-27

## Old Blue Print



Plat approved June 3-1922

Edward Crust Ch  
Co Commissioner

Aug 3-1940

Harold J. Curo and his cor pick up Wilfred Miller and Lr Jenkins

10.45 AM Spedorn reads

38317. Two miles out road blocked with wrecked car

Drive back and go via Slocum cor Ar Cross Lake Store 11.45 AM

Spedorn 38338. Eat lunch

P.M

Bege Iron pipe =  $\frac{1}{4}$  Cor

Bet 16 and 21-137-27 Chan

South on new cut & line thro & Sec 21.

Get half lath slaker viz

300 600. @ 866.60 Hub. RR spike

Ties Red Oak 55 38°12'E 17.45

W. Oak 4 N 41°48'E 17.20

900-1200 slak 1312.25 Hub

1 ft N of & Cor Fence post run west and to

1500- 1788.40 Hub

Red Oak 4 N 75°30'W 10.90

JP 4 S 16°18'W 16.10



South on 21-137-27

1800-2100 slak 2146.5 cross  
fence-runs SE

2338.85 Hut notices

All Hubs = RR Spikes

2388+- 2 New Highway in  
curve

2400 Slak in so shoulder

2593.65 Hut 2595.62 Hut

2630 cross old road NE SW

2700 slak 2976.40 Hut on Top

Red Oak 5 N 12° W 18.90

" " 3 S 66° 06' E 22.77

At 3-PM I help Harold and  
Wilfred chain a couple

3000-3300-3600 st slakes wheel

3670+- Cross Main "Gould"

Road NW-SE

3845.25 S Hut

Red Oak 6 N 83° 55' W 13.30

NP 24 S 8° 04' W 13.20

3900-4200-4500 slak

4718.68 Hut NP 24 N 38° 30' E 4.80

JP 14 N 35° 39' W 43.40

Aug 3-1940 continued

South on & Sec 21-137-27

4800 Stake 4815 end of wet pop swamp

5100 " 5221.20 Hub

$\frac{1}{4}$  Cor Set West 1.78 ft

At this point the  $\frac{1}{4}$  Cor Bet

Sec 21-28-137-27 we find

set the cor June 1922 See Book

64 Page 35

Where Co Surveyor Louis Knudsen  
Noldvalis called for:

Stake and BTS viz

Pop 6 N about  $45^{\circ}$  E 5.40

Elm 10 S " " E 10.90

To-day these trees are stumps  
and the poplar is 8" and the  
Elm is about 10"

From these old stumps we  
re-set pt for  $\frac{1}{4}$  = pencil mark  
in top of old stake

Note: We will put a new  $\pm$  m  
in here and New Ties



Aug 3-1940

Harold and Wilfred walk back  
to Center of Sec 21-137-27  
where I meet them figuring  
corrections at 6-10 PM.

Correction

= .00034091 West for each ft. S.

866.6 S. goes West 0.304

1312.25 S " W 0.45

1788.40 " " 0.61

2338.85 " " 0.80

2593.65 " " 0.88

2595.62 " " 0.88

2976.4 S goes W 1.01

3845.25 " " 1.31

4718.68 " " 1.61

5221.20 " " 1.78  $7\frac{1}{2}$  ft. cor

Aug 3-1940 Cont'd

All three walk East to

Bull Head Lake no car find  
I m- Harald Wilfred start  
back to their car @ 6-30

and ar @ 6.40 - and go home  
to Senkwin ar 7-20

Spedon 38 355 =  
38 317

38. Miles Haralds

Car @ 5¢ \$ 1.90

Harald	6 Hour @ 1.80 =	\$ 10.80
Wilfred	6 " 30¢	1.80

I walk around N End Bullhead  
Lake, do not find US MC. walk  
NW 3/4 mil. Hit the road at  
dark and walk so to my car  
at Cross Lake

Calton Duff. also Bower &  
Laure Allen

Nile 4 PM. Reed & Truck Lofa Duluth  
I to slays with Exmie

John W. Cross

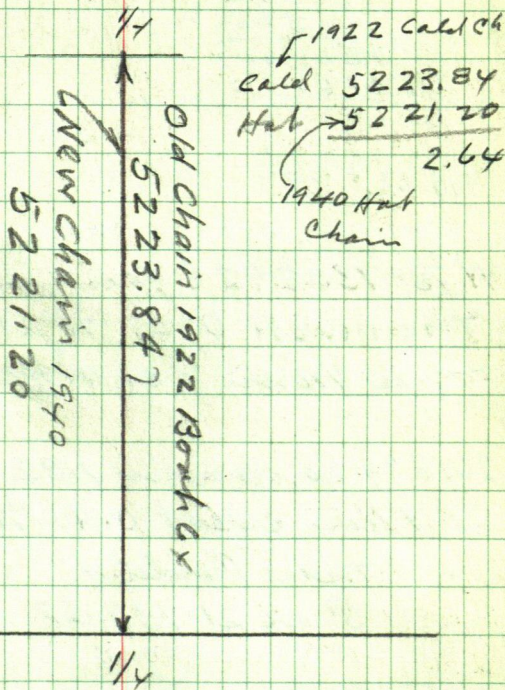


Aug 4-1940

Up @ 7-am. Hat Sun Maucha  
and I at Norlin Ho. My stailer  
battery n.g. walk to Jenkins  
Harald and his car push.

Cows in corn.

About 10-A.M. Harald comes  
and we write up these notes



38

Figuring -

Hot and Cold Chain for  
Center Sec 21-137-271.000505

$$\begin{array}{r}
 5223.84) 2.640000 \\
 \underline{2611920} \\
 2808000 \\
 \underline{2611920} \\
 1960800
 \end{array}$$

$$\begin{array}{r}
 1308.92 \\
 \underline{505} \\
 654460 \\
 \underline{654460} \\
 6610046 \text{ short} \\
 \underline{2} \\
 1.3220092
 \end{array}$$

$$\begin{array}{r}
 1308.92 \\
 \underline{66} \\
 1308.26
 \end{array}$$

$N \frac{1}{16}$  - 1308.92 S goes N.66 to 1308.26 S  
 Then west 0.45 to pt for  
 True  $\frac{1}{16}$  in Cen N Half

2617.84 So, Goes N 1.32 to 2616.52  
 So Then West 0.90 to pt for  
 True Center of  
 Sec 21-137-27



Aug 4-1940 contd

3920.84 So goes N 1.98 to  
3918.86 So Then West 1.34  
To True to Corin Center  
of So Half Sec 21-137-27

Time Sheet Page 7 This Book 249

James C. Curo

40

## Figuring Time P97

JWC. $\pi$ 6 days @ 14.40 =	86.40
Miles $6 \times 35 = 210 @ 44.$	8.40
\$	<hr/> 94.80



Aug. 6 1940 Watertown Twp.

Wilfred Mitter and I leave  
Jenkins at 8 o'clock in my  
car. Speedom. reads 38424  
drive to Cross Lake to set I.M.  
on N4S @ sec 21-137-27  
and correct Hub on same  
at hub 1312, 25.5 we chain  
N 3.99 to 1308.26 Then W 0.45"  
and set a 2 1/4 X 36" I.M. - 10 inches  
above ground in dirt mound  
4 ft across Take new ties

Ties to N 1/6 Center N 1/2 of  
sec 21-137-27

J. Pine 5 N 79° 49' W 34.00 spot at base

J. " 4 S 38° 38' W 45.28 " " "

W. Oak 5 S 29° 11' E 41.05 " " "

R. Oak 4 N 60° 02' E 40.20 " " "

Turned From True Line

Hub corrections see page  
35 this book 249

From hub 2593.65 S chain  
south 22.87 to 2616.52 S  
then 0.90 West to True Center



of Sec 21-137-27  
 where we set a  $2\frac{1}{4} \times 30''$   
 I.M. even with ground  
 and mark new Ties  
 Ties to center Sec 21-137-27  
 N.P. 16 N  $64^{\circ} 37' E$  72.55  
 N.P. 24 N  $32^{\circ} 45' W$  110.55  
 N.P. 14 S  $48^{\circ} 53' W$  20.55  
 N.P. 18 S  $15^{\circ} 10' E$  53.40  
 turned from true line N4S

From stake 39005 chain  
 south 18.86 to 3918.86  
 then west 1.34 and set  
 $2\frac{1}{4} \times 24''$  I.M. for true S  
 $1/16$  Center S half Sec 21  
 137-27 and mark new  
 B.T. Vign.

J.P. 14 N  $68^{\circ} 12' W$  28.65  
 NP 14 S  $59^{\circ} 09' W$  21.40  
 J.P. 30 S  $53^{\circ} 42' E$  70.40  
 Dead J.P. 12 N  $58^{\circ} 08' E$  48.70  
 Note the N.P. has been cut  
 into stake chain from heart



Aug 6-1940 <sup>V</sup> continued

43

At this  $\frac{1}{4}$  cor highway Eng.  
has a hub .46° N and .70 E  
of I M

At 5221.2 S we check  
point for  $\frac{1}{4}$  from B.T.s  
and set a  $2\frac{1}{4} \times 48$ " I M  
1 ft up big mound for  
True  $\frac{1}{4}$  cor south side  
see 21-137-27 with  
New B.T. Vig.

W Oak 5 N  $32^{\circ} 56'$  W 60.60

Elm 12 S  $38^{\circ} 25'$  W 83.35

Old Elm stump 10 S  $33^{\circ} 46'$  E 10.90

Pop 8 N  $54^{\circ} 14'$  E 30.40

Harald Kress

44

52 x 208

43560

2 208

52

x 16

1040

10816

25

4356)10816

8712

21040

21780



Waterlown Twp.

137-27

45

Walitown Cross Lake 47

137-27



<sup>D</sup>  
Cross Lake

49

Waffensmith - Survey  
W.H. Waffensmith - Sec Treas  
Nat'l Farm Loan Association  
Tel 785 Over Skauge Drug Store  
See BOOK 31 Page 55

"	214	"	51
"	201	"	95
"	33	"	
"	249	"	4970

50 <sup>2</sup> Cross Lake - Waffen-  
smith Sept 22-1940 Sunday

Pickup Wilfred Miller.  
and his kid Brother  
and Lu Jenkins 8-30 AM

Meet Saw Mill Men  
Lookup  $\frac{1}{4}$  Cor Bet 8-9-  
137-27

Page 55 Book 31

" 51 " 214

10" Br Oak N. about  $60^{\circ}$ E 38.00

Scribed

7" Br Oak N. about  $45^{\circ}$ W 34.65

Old New" line

11" J.P. S. about  $70^{\circ}$ E 56.20

Scribed

We check NW and SE  
Old B.T.S. Find iron pipe  
True  $\frac{1}{4}$  Cor about 3. ft N  
of E-W Road

In line with West wheel  
back of road going North  
(Looking 200 ft N)



3

Crosslake - Waffensmith 51

Sept 22 - 1940 continued  
Drive 80 Rods North to  
N  $\frac{1}{16}$  Cor Bet 8-9-

137-27 Page 95 Book 201

Calls for  
Wood Stake

JP 15 N 22° 30' W 53.80

NP 12 S 72° 05' W 35.85

We find the stumps of  
both trees from which  
we chain carefully  
and "PLUNK" the "Hole"  
where the old hub stake  
rattled out in the  
E of N-S - Road

We now set Galvan-  
-ized iron pipe 1 x 4 1/2"

True N  $\frac{1}{16}$  Cor

James A. Chandler

58. Saw Mill Man

Corner and sees us at  
7 m.

Over N  $\frac{1}{16}$  Corner  
80 Rods So on red flag  
at  $\frac{1}{16}$  Cor - Over



52

4

to N  $\frac{1}{16}$  Set RR. Spike 4 ft  
 South and another RR. spike  
~~S 78° 45' 1/2" W~~ 15.00 ft  
 S 87° 45' 1/2" = Should be

line  $\frac{1}{16}$  -- 71 Look later

Run South

~~Run S 87° 15' W~~ Hub RR. Spike  
 on So Brink of hill

Wilfred walks South  
 and sets 2 Hubron Hill Tops  
 Var reads 3° 00'

New BT To  $\frac{1}{16}$

Br Oak 4 N 53° 18' E 31.82

W. Birch 5 S 38° 33' E 40.15

Spent at base

Meet Pat DeZella

Nels Christianson - Roy Kelse.

Reg @  $\frac{1}{4}$  Ch

North True line bet 8-9

137-27 @ 289.35 Hub

West edge wheel track

300 pm 545.05 Hub

OK 545"



Red Oak 81°N 81°36'E 27.88

JP 7N 18°12'W 82.55

JP 10S 35°18'W 61.08

Scrub J.P 12S 43°E 40.00

To Spat at base Chain

North; on true line

@ 245 Hut @ 293 & alld

Road runs NW @ 300 pin

303. pin pin sets 0.50 of a

foot So of So line of

Power Line Pales running

NW

$$\begin{array}{r} 245 \\ + 48 \\ \hline 293 \end{array}$$

$$\begin{array}{r} 245 \\ + 58 \\ \hline 303 \end{array}$$

245 + 58 = 303 in line  
with So Side Power Pales  
1/2 foot north

245 + 48 = 293 Hut R.R.

Spikes & alld Road

Runs West

303 in line with So Side  
power line and .50 of a  
foot So of So Side of  
pales



54

6

$245 + 117 = 362$ . Hub on True  
N-S line where I may start  
N line of Chandler Tract

$\pi$  Still over Hub <sup>545</sup> ~~245~~ N of  
 $\frac{1}{4}$  Cor Road

$S 87^{\circ} 45\frac{1}{2}' W$  along my  
old Bill Stone Line

@ 15.05 Find 1 inch Iron  
pipe @ 300 set pin

at 364.4 my line cuts  
N. Edge of my old 2 inch  
pipe at 397.35 we set

Hub RR. Spike in East  
Shoulder of Co Road

$$300 + 112.8 = 412.8$$

Hub RR. Spike in E of Tar  
Road

$\pi$  over 293 N. = 4 and  
Road The SE Cor of Sch  
Hd bears  $N 87^{\circ} 25' W$

$\pi$  over 303 The SE Cor  
of Sch Hd bears  $N 88^{\circ} 11' W$



Sept 22-1940<sup>7</sup> Cont'd

55

π over 362 N. Cannot see  
School House

π back on 293 Run  
N 87° 25' W 600 + 53.9 =  
546.1 Set RR Spike Hat  
on bank and another  
Hat further on  
From Hat 546.1

Chain about South 93 ft  
to point where old Tel  
Pole Set 15 ft East  
out of line with & Tar  
Road Spike near  
Dr Zella Stors

Too dark to see more  
all drive back to  
Jenkins



Nov 18-1940 Monday

Reed and I L. J. Senhies

9-30 Drive to Bill Stowe  
farm - stop at De Zella  
Store - Look over old Samuels

W. H. Waffensmith arrives  
about 10-30 AM. We show him  
N 1/4 B 8-9-137-27.

On old R.R. grade Co.  
Road Waffensmith point  
out slab of Cut off Tel. Pole  
the N line of  
Tract is to start 33 ft from  
old tel pole, 33 ft N and  
run E with parallel to  
N line of SENE

Waff. Starts to dig out pit  
where old tel pole set for  
NW Cor of James A. Chenille  
tract

Town Hat 303 N of NE Cor  
De Zella tract

North 42 ft to 345 ft fall

40 ft N of Tel Pole

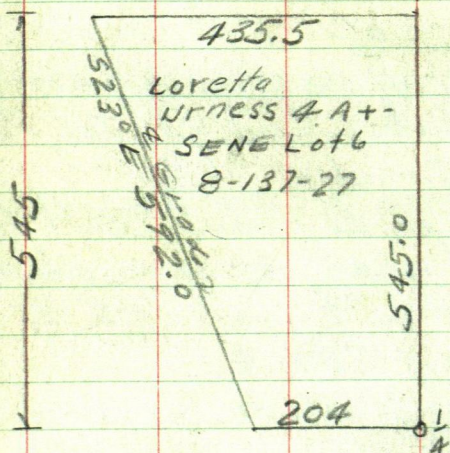
Pg 54 x 55



58

70

over Hut 303. From  
 northward Hut 362 @  
 north 42. Hut Hut  
 345 N = NE Cor Chandler  
 tract



Nov 19-1940

59

Sec 8-

11

Sec 8

137-27

545

345

90

N 87° 47' E P 77 Bk 31

OK 290055

Gov Lot 6

SE NE 8-137-27

240" in section

N 87° 47' E

Parallel to N Line

830

stroup 2  
Tract

N 36° 46' W

412.40

S 42° 25' E

444.7

S 77° 25' W

542.6

James A  
Chandler

Description  
of Lorrello

See P 80 Bk 31

Urnness  
Dezella

Recorded  
as 523.0  
17.10  
18.10  
19.10  
20.10  
21.10  
22.10  
23.10  
24.10  
25.10  
26.10  
27.10  
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86.10  
87.10  
88.10  
89.10  
90.10  
91.10  
92.10  
93.10  
94.10  
95.10  
96.10  
97.10  
98.10  
99.10  
100.10

Dead cattle  
Not Chained  
By me and

137.85

427.85

185.2

242.4

1317.85

345

890.00

545

204



From  $\frac{1}{4}$  Cor Bet Sec 8-9.

137.27 it is 545.00 Ft North  $\frac{1}{2}$   
NE Cor Urness-Dezella Tract  
And from NE Cor Ch.

North on true line 345 ft  
making 890.0 ft  $\frac{1}{2}$  NE Cor  
Chandler Tract R.R. spike  
Ties to 890 = NE Cor Chandler  
Tract Ties

J Pine 10° S 30° 36' E 76.15

Jack R. 14° N 89° 10' E 55.85

J P 12° N 34° 34' E 61.30

Power Pole: S 17° 06' W 41.70 To side  
of pole

From 890 Run N Line of  
Chandler Tract

S 77° 25' W 542.60 ft R.R.  
Spike in yellow & old Grange  
Co Road

600.00  
57.40  
542.60

Waffensmith Survey <sup>13</sup>  
Nov 18-1940

61

$\pi$  over 542.6 BS N 77° 25' E  
Ties: NE Cor Lower Step in  
Cement Seps bears

S 15° 25' W 53.18 Feet

Red Oak 8 N 49° 32' W 79.40

$\pi$  still at 542.6 Run

S 25° 42' E 269.9 To R.R. Spike  
1.20 E of yellow  $\&$  in old

Grade Co Road =

NW Cor Orness-DeZella Tract  
being SW Cor Chandler Tract

$\pi$  still at 542.6 being NW Cor  
Chandler Tract Run

N 36° 46' W 412.40 To R.R.  
Spike Hat set 33.00 ft N.W. by  
from Chopped off but of old  
Tid Pl and ~~25 or 30~~ 30 ft East  
of  $\&$  old Grade Co road

Too dark to see more  
Home to Jenkins



62

14

Nov 18-1940 Continued

Nov 14-1940 up @ 9- Cloudy

Work on nalis till 11:05

Reed and I Lv Jenkins

On 11-50 Tove 412.40

BS S  $36^{\circ}46'E$  on 542.6 Run

N  $87^{\circ}47'E$

Run S  $87^{\circ}47'W$  53.15 To Hub  
= RR Spike in & Road

2 ft East of yellow line

Nalis yellow line is 2 ft  
too far west

Nalis Hub 412.40 is OK

for I'm point it is 37.3

from yellow line @ 337.3x

ft from & OK.

Call this R of way line

Buck 12 S  $57^{\circ}53'E$  9.75

JP 12 S  $62^{\circ}E$  18.70

Td P 19 North 2.70

✓ 3°

3 ft E of E shoulder



64

East N87°47'E 217

254.7 From 412.40 -

53.15

307.85 from & road

East 300 over creek  
in snow pen + 84.6

384.60 +

307.85 =

692.45 - Hub

187.55

830.00 Intersect

Rec line 185.20 to of  
'16 Co

Ties to 830. R.R. spur

1 ft west of west

wheel track

JP 12 S 53°35' W 29.70

Br Oak 4 S 30°30' E 49.60

2x40" pipe on line line

S 87°47' W 33.50 ft

Set 2x 40 pipe 33.5 west

$$\begin{array}{r} 242.4 + \\ 185.2 \\ \hline 427.6 \end{array}$$

From NE Cor Chandler  
Tract Ch North on Sec  
Line 242.40 To R. R Spike  
at NE Cor

$242.4 + 185.2 = 427.6$  To  
N  $\frac{1}{16}$  Cor (Should be 427.85)  
old Chain Page 59. This book

Over NW Cor  
"Stroup" ? Tract  
NW Cor Chandler Tract  
bears S  $42^{\circ}25'E$   
444.7 OK 444.7

$$\begin{array}{r} 300 + \\ 144.7 \\ \hline 444.7 \text{ OK} \end{array}$$



66

NOV 19-1940 cont'd

At NW Cor Chandler Tract  
Run  $N 77^{\circ} 25' E$  along Tree  
line 50.00 Feet to pt near  
old dead 12" pop  
Drive  $2 \times 34"$  pipe

- at NE Cor Chandler  
Tract pull up RR spike  
and set  $2 \times 24"$  pipe on  
Tree Line  
See Ties on Page 60

Note: From NW Cor Chandler  
Tract in E Road

See Ties Page 61 Chain  
444.7 To RR Spike in E road  
at NW Cor Stroup Tract  
444.7 Line Run  $N 42^{\circ} 25' W$   
and passes about 15 ft West  
of corner in E road  
Finish Survey and

Quit at dark 4.55 PM

An Luncheon 5.50 Pea Soup

John W. Cunn

68

Dr Westman

June 1-1941

Sunday

Bill Stowe - Cross Lake

Westman and Webb

May 25-1941 Bill Stowe brings  
to Walker L.V. Westman

(Dentest) 4309 Park Ave. Mpls

Wants me to come Friday

Sat or Sunday - Reed meets  
them at Walker and gives me  
their address

May 28-1941 I write them both  
that I will be at Stoweres

"Early Sunday morning"

June 1-1941 Sunday

Martha and I Lv Walker 7-45

Ar Stowe 9-AM - Bill and I look  
over liner - Westman & <sup>his</sup> small  
son Ar 10-AM -

Bill and I try to find help  
no men

Westman wants to know  
probable cost of survey I tell  
him \$35 or maybe \$5 or \$6 more

He gives back to Mpls 4 PM  
Martha & I and our grub box  
eat with Bill & wife



Lot 4-8-  
137-27

69

(2)

Westman-Webb.

N 660 Feet Gov Lot 4-8-137-27

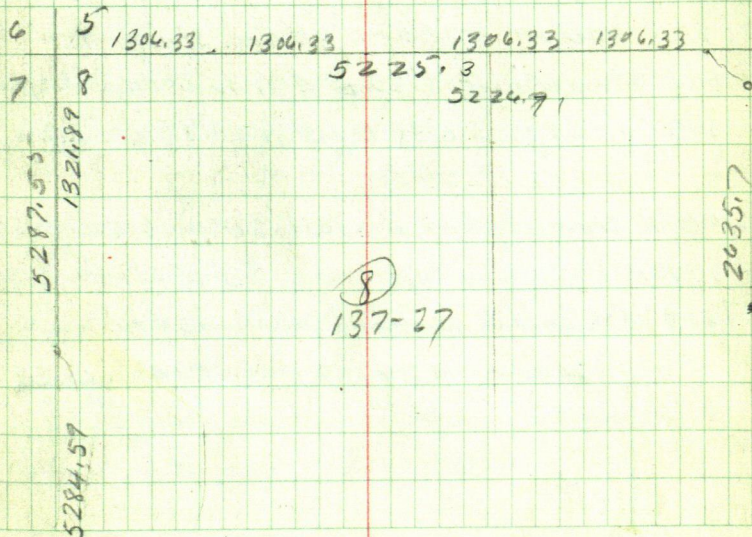
(Please check the Webb description)

Westman is to get the So  
160 feet +- of the Webb tract  
and has set a stake "35 ft  
from shore" "near old cook  
stove" so as to give him  
a corner of bathing beach

point agreed upon by Webb  
& Westman-Webb was not there.

Re-Run N Line 8-137-27

old N line



(8)  
137-27

70

Dr Westman

3  
137-27

4 5

7 8 ~~alt Book 201 P 991~~

Pop 4 N 43° 10' E 25.70

alt NR BT. 9 N 23° 30' W 59.4

Old WPBS 10 S 32° W 20.46

Pop 5 S 70° 20' E 38.00

alt  
Nalis

600

old book some corner  
Early date Book 33- P 95

TIES 1925

Pop 3 N 43° 10' E 25.50 old spat base

Oak 5 N 24° 30' W 41.60 to New spat by me

Oak 3 S 44° 10' W 14.70

" 6 S 36° 30' E 23.20

P 95 Book 33 1925

old Nalis

✓ 30 bet Sec 7-8-137-27 Book 33 P 96

368 Road Loop in 600.70 R.R. Rail in set  
by Knudsen bears west 0.30

793.8 Nail in E. Edge 4" oak stump 9.00

1025 small hub 0.20 E of Knudson's old Hub

1319.10 set pin 0.30 E from " 1" iron pipe

TIES to Iron

4" Oak stump 3 ft hi S, about 20° W 6.50

12" NR

N

"

85° E 13.40

1400 Acenlin sand shore 15.00

1510 L.V. 1748.6 Hub TIES



June 1-1941 cont'd

Old Nales Bk 33 cont'd

So bet 8-9-137-27

1925

1802-1878.3 a 1" iron pipe set by  
Knudsen sets (1) one inch West  
Ties to iron

Oak slump 3" about 10' W 5.10  
NP11 S, about 85° E 17.60

40 ft N. of Hi water

Old Nales Book 33-AD 1925

For further old nales see  
Book -

To-day June 1-1941

Plow and I find the 2x48"  
pipe along cap set by Knudsen p  
5-6-7-8-137-27

we are not sure Knudson set this  
at our first true corner point  
and do not take time to check  
closely but iron appears  
straight and we drive it down  
and take new ties. over

72 June 1-1941 continued Sunday  
5 Dr Westman  
5-6-7-8-137-27

New Ties To-day "For the last  
time - Taken to a cat hair OK. Vrij  
Knudsons 1m - we drive 2 inches  
down - flush with ground  
Set 2 ft East of 1 East wheel  
track of old road.

Buff & Berger  $\pi$  over Sec cor 1m  
Four from & new graded road  
700 ft to 4 PM. Cloudy

Bill Stone and John W. Cairns only  
5-6-7-8-137-27 Along cap 1m  
3 x 4 3/4

Red Oak 8 N 45° 22' E 27.93 + .50  
= 28.43 ft to new spat we make  
at base

Paplar (now 6") N 42° 50' E 24.82  
+ .50 = 25.32 to old spat at base  
marked "BT"

Run N 23° 30' W 59.40 and  
look for my old BT. It is gone  
Depression in the ground  
shows where it stood.

Twin Red Oak 11-12  
joined at base we use



G Westman

the west Oak 12" Old "BT"  
marker at base head N  $26^{\circ}08'W$   
 $41.17 + .50 = 41.67$

Red Oak 7S  $42^{\circ}56'W$   $14.00 + .50$   
 $= 14.50$  ft marked "BT" at base  
old marker

Old 10" WP Slump marked "BT"  
half the figures gone bears  
S  $34^{\circ}45'W$  20.75 flat chain  
no tape should be used

The BT spot on this old slump  
are near the west by side and  
bear S  $35^{\circ}20'W$  20.75

Red Oak 6" S  $17^{\circ}09'W$  37.00  
to old spot which Bill brightens  
up.

Crowded 9" Red Oak S  $37^{\circ}18'E$   
23.25 ft to old "BT" cut in spot  
at base. We find and pull  
up  $1\frac{1}{2} \times 42$ " pipe set by some  
foal about 4 steps East

Cut line East and Quit at  
5-15 PM.

8 Hours for Bill @  $35^{\circ}40^{\circ}$

74 June 1-1941<sup>7</sup> continued  
Martha and I L<sup>1</sup> for Jenkins  
about 5-30 Call on Otto.

Seehel - drive him west and  
show him where to cut line

At Jenkins 7-PM

Fix up shack stay over night.



8

June 2 - 1941 Monday  
mpc 5-30 Still Cloudy

• Lr alone 9-20

At Otto Seckel Resort about  
10 AM. Otto has been out  
cutting line - He and Pearl  
left for Crosby 7-30

will be back to help this PM

Bill Stone also cut line

AM

Otto worked

Hour

Bill "

"

Bill and I rve

East on my old random bet

Less 5-8-137-27 @ 300 ft

$300.10$  Hub

$359.6$  Hub

(Pg 84)

ties to 359.6 359.5

Birch 12 N 14'45" W 12.92

spot on west root

Red Oak 9'8" 41'53" W 20.97

All Hubs are R.R. Spikes

East 300 = 659.6 - 105.3 = 554.3 <sup>OK</sup> Hubs

+ 122.9 = 677.2 <sup>777.2</sup> Hubs - 12.15 = 777.2

Quit for dinner - I eat my lunch  
in Bill's yard.

See Page 84

Jahmed Cross

76

9

828  
50  
878

P.M.

12-45 Bill and I LV - 1.40

Otto arrives and from <sup>777.2</sup>~~677.2~~

Take Ties To Random Hub 777.2

Br Oak 7N 62'W 8.90

" " 8S 33'E 13.15 ch

East 328.7 To <sup>1106.1</sup>~~1005.9~~ Hub 1106.10 <sup>OK</sup>

60' E of Main road NE SW

<sup>1106.1</sup>~~1005.9~~ + 267.9 = ~~1273.8~~ Hub  
1373.90

Ties

NP 14N 4°40'W 8.78 New spot

My old spot on SE side of same  
line bears N 2°W 8.95

7" Birch S 85°45'W 11.00

Edge of sea wall 58 South  
and 62 East

Water 90' East

Water 62 South

Otto sets flag over  
lake 16.90 N of 1/4 I m  
in Bill Blome field  
Meet Malin Mertie 3pm



1273.8

E1364 walu

77

(10)

6 | 5

2612.66 old survey

7 | 8

0'22 1/2'

16.90

1.006467662

2613) 16900

15678

12220

10452

17680

15678

20020

18291

17290

15678

16120

15678

4420

6467662

2613

19402986

6467662

38805972

12935324

169000008

OK

Correction = .006467662 So

300.1 E 940 So

1.94

359.6 E " 50

2.33

✓ 554.3 E " 50

3.59 ✓

~~737.3 E " 50~~~~4.88~~

777.2

~~110.6 E " 50~~~~6.51~~~~1273.8 E " 50~~~~8.24~~

1373.9

2612.66 E " 50 16.90

1984

78

11

South 660 ft Lat 4-8-137-27

From Random Hat <sup>777.2</sup>~~677.2~~ E Run  
S 18°43'E 297.5

Turn over 297.5 BN 18°43'W and Run  
S <sup>29°32'</sup>~~29°32'~~ E 203.3 to Red flag  
35 ft from seawall

Turn 203.3 BS N 29°32'W Run  
Run West 0'22½'N @ about 50 ft HS  
6" W Birch. crooked cut it down  
@ about 150 ft 10" straight Birch and  
refuse to cut it

Extend Hat 203.3 to 29°32'E  
0.30 to 203.6 Turn 203.6 BS  
N 29°32'W and run parallel to  
N bdy line West 0'22½'N  
which is True West using  
N Sec Line or E+W

Turn to (203.6)

Red Oak 10 N 12°25'W 40.50

" " 9 S 41°40'W 10.45

Run East 28.65 set Hat  
pt for 2<sup>nd</sup> Im 3 steps from water  
ch West 62.7 R R speak  
to edge 6" green Birch  
plum. Quit at 6-30 - 8 Hours  
for Paul Home to Jenkins 7-30

John W C m



12 Westman  
June 2-1941 Cont'd Webb

79

Evening - Welfred Miller helps  
me bring over Commodore.

Coal - Cloudy.

June 3-1941

work for Andrew Danilson

Get \$10.

4.20 PM. Martha and I to Walker  
and back

\$1.75. Welfred Miller on visa work

80

13

June 4-1941

Up @ 6-AM - Bright sun Cool  
 Help Martha move stuff from  
 Barn storage to cottage at  
 Jenkins 8-30 AM Call

Otto Seckel res via Brammer  
 20<sup>th</sup> Tell Otto to pick up Bill  
 Stone and push that line  
 West

Get Jenkins P.O. order \$34.21  
 mail it to Nor Finance Corp. 1217  
 Plymouth Bldg Wflr my  
 7<sup>th</sup> payment on my new  
 Super De Luxe 1941-8 Coaf  
 Drive to Peguot - renew  
 \$15 note at Bank Call on  
 Charlie - he will pay  
 some later

At Otto Seckel Resort

See 5-137-27 at 10-30 Call Brammer  
 Earl Jenkins at Reg of Deeds Office  
 says Webb bat

So Half EXCEPT East 660 feet  
 Lat 4 - See 8-137-27



14

June 4-1941 continued

That's a hell of a description  
and doubtful if Mr. Westman  
will get the land he bat

However I am going  
ahead with the survey and  
collect my \$41. before I do  
anything about it

11 AM, meet Bill and Otto  
who have just finished the  
line west. we turn back and  
continue west on their line  
which is 600 ft. to on west end

11-35 Otto takes Bill home for  
dinner I drive west Put  
cock shot on N side of Tm

5-6-7-8-137-27

drive So. Eat lunch and wait  
for Otto and Bill

PM

Old Naler

See Book 158 B. Pg 9-

82 June 4-1941 cont'd

6 5

~~777.2~~  
503

2612.66

7 8

16.90

1/4

Old Nalis

Book 158.B. Page 9 -

Says Oct 22-1923

East on Random Run by Knudsen  
bet 5-8-137.27 @ 310-329.93 Hub 600  
799.6 Hub 600 + 200 = 800 slats (300' ch)

1053 crooked rd NE SW 1100 sth  
1101.3 Hub 1397.30 E Hub 1400 sth

1397.3 E a boat car set in stoner

sets 9.30 ft 50 and 0.20 of aft E

Check and find Knudsen Hub  
OK. Perfect"

1400 + 105 = 1505 triangulate E  
over lake See Pg 9- Book 158.B"

Note: We will re-chain East



Dr. Washburn 89 54  $\frac{1}{2}$

89

28

(93)

JUNE 4 - 1941 Cont'd 16

22

50

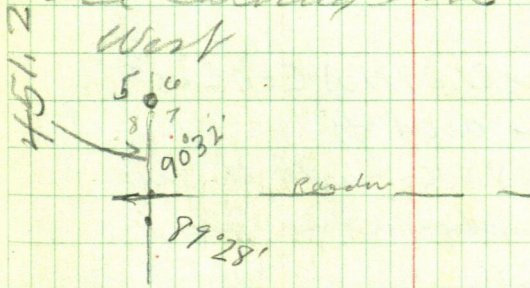
Meet the Beaver Boys who are building a Five Thousand dollar Cottage for Allen (AVV) Mothersill of St Louis Mo who bat 300 ft +- from

Smith who bat the "whale thing" and is selling off 300 ft strips to "all friends" who don't give a damn about boundary lines

I must see Smith

1-15 back at the Can Otto and Bill have returned and are calling him

West



84 Washburn & Webb ①  
 Sec 4 77-75

Re Cham East 300 Hrb

359.5 Hrb

194.8

554.3 (OK)

Page 75

222.9

777.2

328.9

1106.1<sup>015</sup>

Hrb

554.3

777.2

1106.1

267.8

1373.9

So 269.7 + 451.2

451.2

So 720.9 Hrb on v Bush

300

1020.9 pin

Note our angle at NW Cor Sec 8  
 appears to be 0°04' off

SE angle @ Sec Cor with the two  
 Random lines should have been

89°28' + 0°22½' =

22½'

89°50½'

and it reads

89°54½'



660.00  
452.25  
207.75

June 4-1941 cont'd  
451.20  
1.05  
452.25

(18)

8932  
22  
8950

85

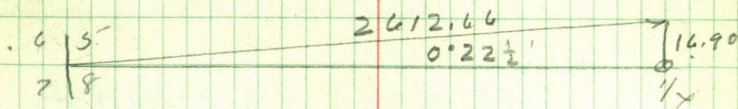


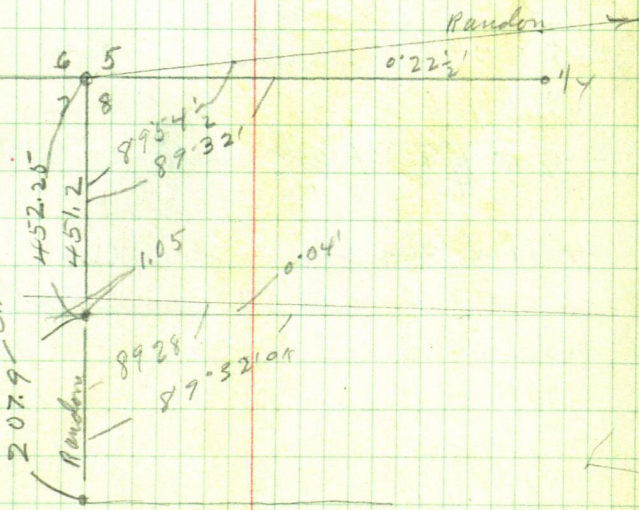
Figure this angle again

1.0064676  
2613) 16900  
15678  
12220  
10452  
17680  
15678  
20020  
18291  
17290  
15678

2613  
647  
18291  
10452  
15678  
1690611

8954 1/2  
22 1/2  
8932

should be 207.75  
changed by Bill & I June 5  
11:30 AM  
present but ok



86

(19)

Big Moon Lake ch

West 62.7 rail on stump 62.7 Vol

171.6 =

234.3 Hub

234.3

62.7

251.7

334.4 Hub

362.7 Pin

12.7

375.4 Hub

357.4 + 218.5

218.5 =

575.9 Hub

159.1

735.0 Hub

219.6

954.6 Hub in E. N-S Road

451.2 As from new co

See 8 - 451.2 is water on

N S line



June 4-1941 continued <sup>20</sup>

87

allo 7 Huh

2 1/2 2 1/2 AM

660

720.9

660.0

60.9

60

South 451.2

720.9 Huh & Buit

300

1020.9 Huh & Brown

720.9

660

60.9

5.

Cut line Cut so line East  
to lake and quit at 6:15 PM

One hour out for dinner

40° an hour for Otto

Home to Jenkins 7-30

Correction in line Washman track  
0°04' = 006468

8960

1843

7117

3 1/2 AM

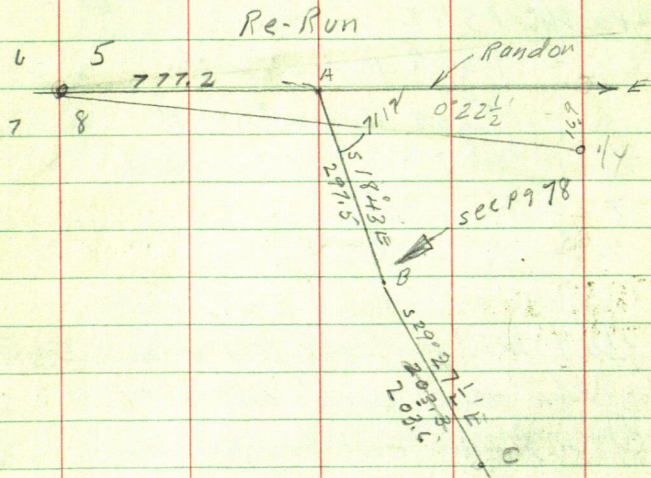
88 June 5-1941

(21)

at 8-30. Pick up Bill Stone

Over 777.2 9-15 Rain starts

Run S 18° 43' E



Run "C" BS N 29° 27 1/2' W on B

Focus West then 0° 22 1/2' R and N

West-parallel to North Line

Re-set all Hubs South

Rake in whale line west

& Road - pull up first hub

and set it 1.05 to top on line

EW line



June 5-1941 cont'd <sup>23</sup>

$\pi$  still @ 0' take shore line

N 30° E 100 To water

N 55° E 70 ft To water

East 40 To water

S 53° E 40 To water

S 20° E 40 To water

N 14° E 75 To 300 Orig Shore Line

N 10° W 40 To 50 " " "

South 40 ft To Brink Wall @ 45

S 14° W 55 Brink @ 50 wall

S 45° W 45 pacer 135 ft To Brink Wall 5 L

S 20° E 27 ft

S 20° W 16 ft li. old stone wal

Run S 20° E 35 ft set stake

90

$$\begin{array}{r} 450.8 \\ 135.2 \\ \hline 586 \end{array}$$

(23)

$$\begin{array}{r} 135.00 \\ 270 \\ \hline 132.80 \end{array}$$

At SW Cor

From spike in East wheel  
Track about 6 ft East of  
true line Chan

East on so side

Track @ 300 fm

@ 343.8 Hub 300 + 150.8 =

450.8 Hub on E Brink of big hill

132.3 =

$$\begin{array}{r} 583.1 \\ 583.1 \\ \hline 586.2 \end{array}$$

583.1 @ 583.1 Knudson's small

1 inch iron ball sets so 0.40

Straighten up Knudson's Iron  
it sets - 0.25 of a foot South

OK. Leave it here

at SW Cor Ch from spike in road  
West 3.10 to 4" in road from  
which we ch East 35 ft

at NW Cor From spike in  
4 x 8 road ch West 2.10  
to cross + in road from  
which we ch East 35  
and set 2 x 36" posts



June 5-1941 cont'd

Dr Westman  $3\frac{1}{2}$   
28 Westman  $1\frac{1}{2}$   
5H

91

Call IMS and back to  
Bill at 1-30 PM  
address

Mrs H I Benson 2202  
Russell Ave N Mpls

July 29-1940 to Bill  
Stowe letter

Stowe gets in 5 Hour @ 409

= \$2.00

On Jenkins 2-15 Find John  
Norman waiting - I will go to his  
place to-morrow

Find Cigar and a letter  
from F. R. Kentopp 3109. Hennepin  
Ave Mpls Phone Colfax 1886

Wants me to beat Commissioners  
meeting at Grand Rapids Minn  
June 10<sup>th</sup> and while there  
call on Hoalakaw Chairman  
Town of L. R. for grade prospect  
Mr Shook Geo<sup>97</sup> will give you  
information about grade deal -  
See letter

(26)

Time Sheet Working for L.V. Westman

4309 Park Ave Mpls Dentist.

1941 June <sup>SUN</sup> 2 3 4 5John W. Curo <sup>SAT</sup> 1 1 - 1 1

25.60

Car

Expense

Bill Stowe <sup>400</sup>

8 8 - 7 5 - 28.035

9.80 OK

Otto Seckel <sup>400</sup>

- 7 - 7 - 150.400

5.60

L Westman

?

\$41.00 Total Paid

41.00  
 15.40  
 25.60

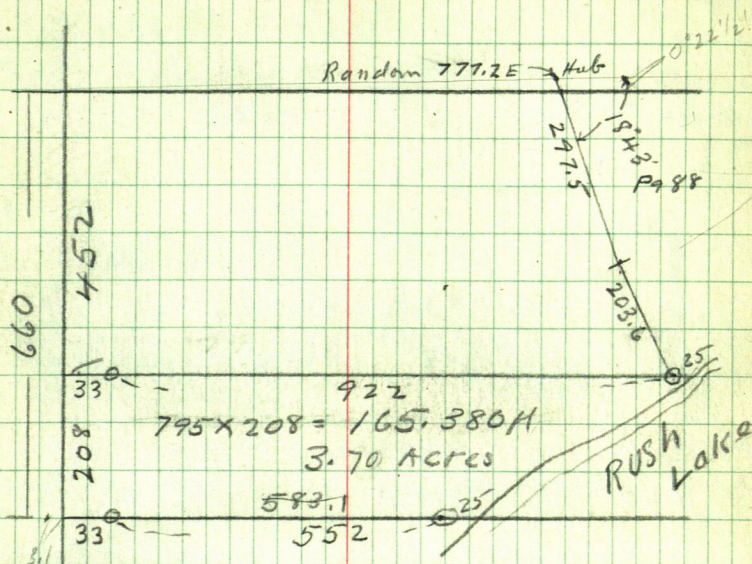
560  
 980  
 1,540



# <sup>28</sup> Platting

Dr Westman 95

June 28-1941 -  
 "30"



My line was 583.1 +

$\frac{31}{586.2}$  To + in mud

ch  $\frac{35}{151.2}$  but I was

585 Knodsen ch

551.2

$\frac{33.5}{585}$

Figuring  
 Acreage

980

610

$\frac{21590}{795}$

795

96

Dr Westman

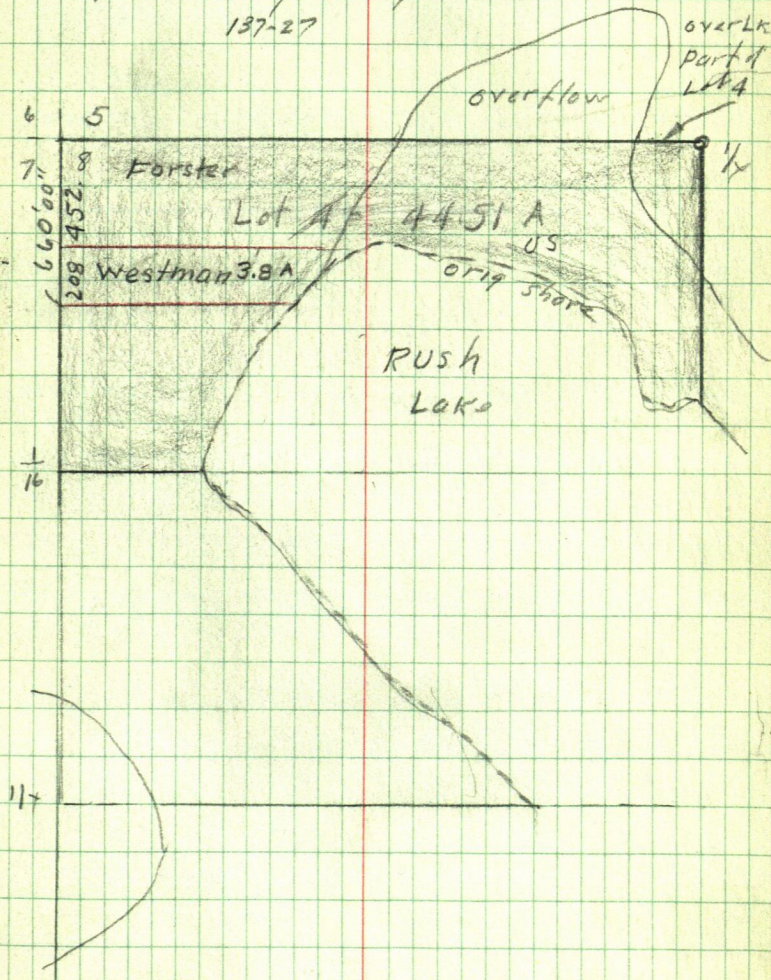


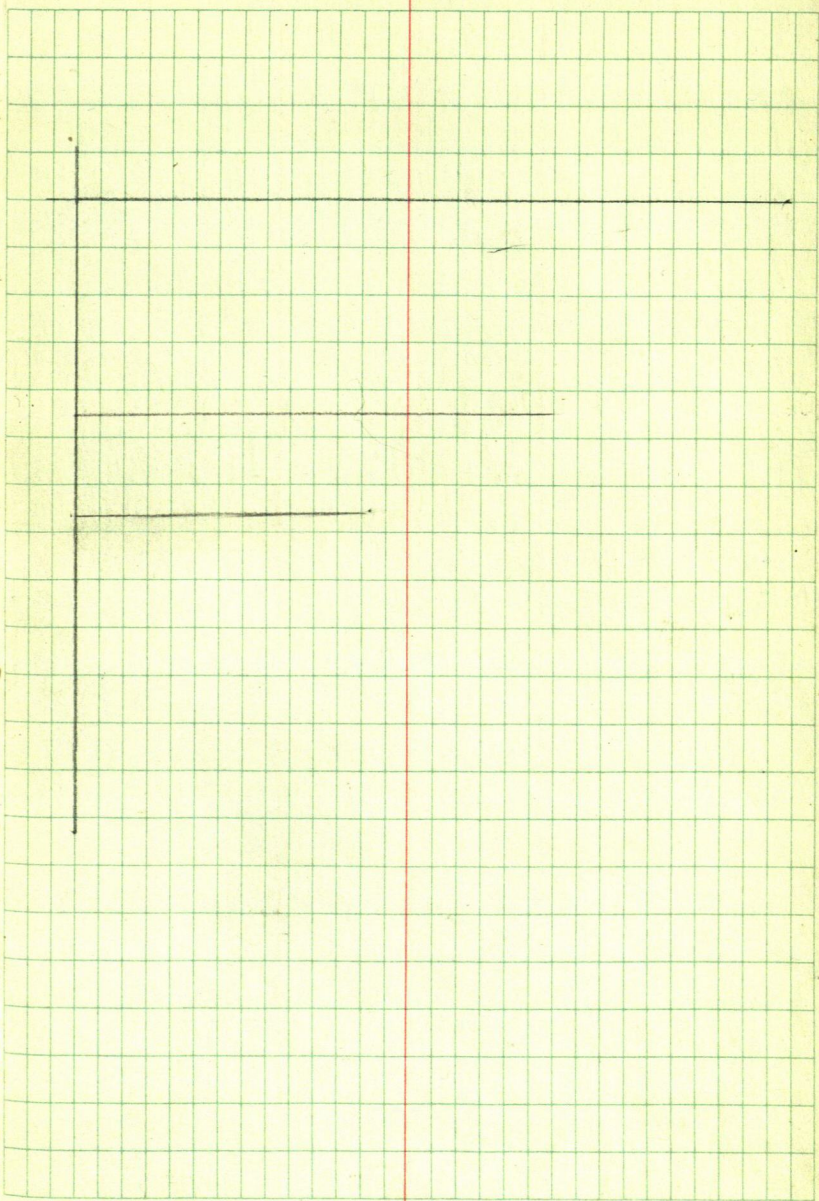
F.A. Forster 1122 Harmon Place

Mpls Forster Dist & Co

N 452 ft Gov Lot 4 - Sec 8 - 137-27

That pt West of Overflow Rush Lake  
137-27







102

May 5-1958

at Court House copy old notes

Sec. 16-137-27

see book 278.

Geo. V + Clara B Clink  
to

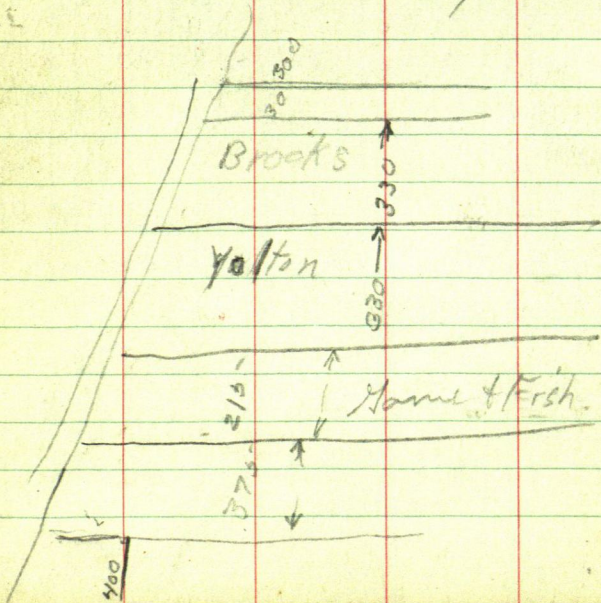
Esther E Lingenfelter

The E  $\frac{1}{2}$  of SW  $\frac{1}{4}$  Sec. 16. - 137-27

except North 990 ft thereof and

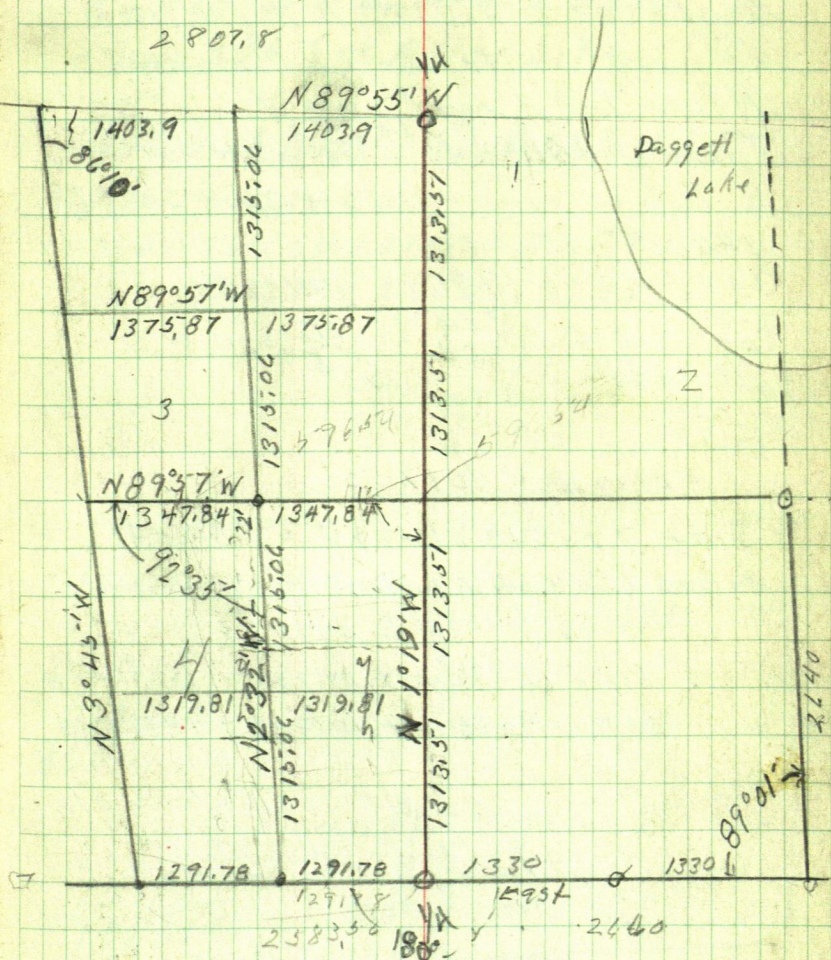
except the South 660 ft thereof

also the S 590 ft of the N 1580 of that  
part of Gov't Lot 4 that lies E of  
County Aid Road No 8 as located  
in 1938 according to US survey



103

Copied from page 37 Book 278

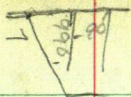


S - 89.7 EIM chain w 89.7  $\frac{1}{2}$  spk. h



104

990



May 5/1958

Town IM on N line of Lot 4  
 Sec 16-137-27 on W R/W line  
 Nth road site W on IM on said  
 N line Lot 4 and run far at 00  
 Turn L  $104^{\circ} 24'$  -  $10$  splits but on  
 E side of road -  $140 + 300 + 300 + 280$

140

300

300

280

1020 - 245

245

1017.55

990

140°24

784.05

90

205

S  $50^{\circ} 24' E$ 

330

205

245

S  $50^{\circ} 24' E$  1017.55Sine  $779513 \times 1017.55 = 784.04$ Cosine  $637424 \times 1017.55 = 648.61$ S  $14^{\circ} 24' E$  1017.55Sine  $248690 \times 1017.55 = 253.05 E$ Cosine  $968511 \times 1017.55 = 985.5 S$ 

990  
 590  
 1580

angle of N line Lot 4 with E line

 $92^{\circ} 35'$  SW angle

2430  
 1580  
 1050

Sine 0.45072

Cosine 998984 into 195.48 = 195.68

998984 into 100 = 100.1

angle E with E SW angle

 $91^{\circ} 22'$ 

Sine 0.23851

Cosine 999716 into 100 = 100.03

214.5

105

May 5-1958

Town 10 17.55

BS N 14° 24' W and run S. 4.58' to  
a line 990 S of N line Lot 4

At 1017.55 South stake bears.  
S 21° 12' E 214.5

$$\text{Sine } 361625 \times 214.5 = 77.57$$

$$\text{Sine } 932324 \times 214.5 = 199.98$$

$$\begin{array}{r} 4.50 \\ \hline 195.48 \end{array}$$

131506  
131506  
263012  
990  
264012

263012

1580

105012

660

390.12

4

990

except  
N 990

EX  
SW 1/4

263012  
390.12

except S  
660'



May 6-1958

was sick all night get gas &  
drive to Cross Lake.

Power spike 990' ft south of Nline  
Lot 4

Power 214.5 ft hub on E edge of Tar  
Site N  $21^{\circ}12'$  W on Sta and run  
N  $83^{\circ}45'$  E

as Mrs Esther E Lingenfelter is  
Not home we have to postpone survey  
until some agreement is made

I drive back to Walker to wait  
until called.

May 31<sup>st</sup> 1958

as I have not heard from Game &  
fist Club at Cross Lake Bert  
John & I drive to Fisherman's  
Point to find out how things turned  
out.

I am to go back and finish  
this work Sunday June 1<sup>st</sup> 1958  
if not raining and take the boys  
with me.

I go to the Office to sign after  
supper.

May 31-1958

109

figuring at Office  
as I ran the N line of lot 4  
and marked the N 330 ft of said  
lot, for Laurence L Cooper's boat  
factory in 1953. see book 278  
page 126-137.

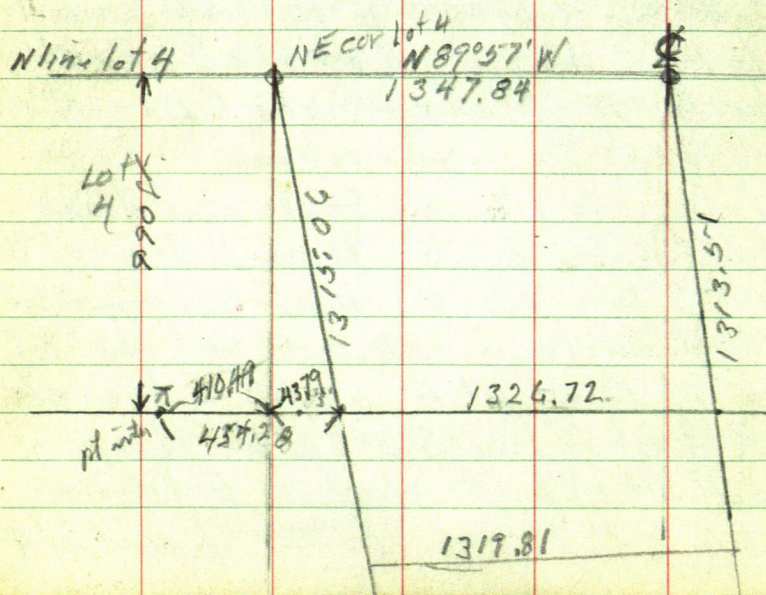
Old notes say from NE cor  
of lot 3 run West along N line of  
lot 3-681.35 ft to pt thence  $S 15^{\circ} 13' E$   
338.47 to Sta. 2. thence  $S 3^{\circ} 16' E$  947.5  
to Sta 3. Sta 3 is 28.5' N of N line  
lot 4 and 596.54 ft W of NE cor lot 4  
as we do not find this but on the  
one 28.5' South We set over IM  
50. feet W of point 596.54 W of NE cor  
and run  $S 14^{\circ} 24' E$  1017.55 to sta 1-A  
sta 1-A is 4.5' ft N of the S line of  
the N 990 ft strip which lies N of  
the tract I am surveying

from Sta 1-A run South and drive  
a 60' strip on the true S line of the  
N 990 foot strip this 60' strip is  
990 ft South and 410.49 feet W of NE  
cor of Gov't lot 4 as the E line of  
Gov't lot 4 run  $S 2^{\circ} 32' E$  this point  
is 454.28 ft W of the E line of  
lot 4. 990 ft S of NE cor of said lot 4



as we do not know just how wide the Right-of-way is we call it 30 ft and from E of Tar chain E at — but under  $\pi$  @ 55.00 pt for IM at RofW line

The way we will run this line is from hub 990 ft south we will run  $S 89^{\circ} 57' E$  at 53.63 E from E tar set corner @ 437.3 E of spike under  $\pi$  to E line of said lot 4. from this point we will run  $S 20^{\circ} 32' E$  to intersect with S line of this tract we are surveying. from this point we will also continue our line E to N & S E



596.54  
67  
463.84

39

228.96

109

1347.84

1319.81

28.03 difference

E line 1313.57

W line 1316.06

22628.57

1314.28 average

21327266

1314.28 into 28.03 = 021366936

- 990.

324.18 N and is 6.9 longer than S line

from pt 437.28 E out to on E line lot

4. continue E + 1326.72 to N + S E

990 ft S of E + W E

as this line is parallel to the E + W E  
to get the course or angle of W 1/4 line E  
line of Lot 4 and N + S E being E line  
of NE 1/4 of SW 1/4 we will site N 89° 57' W  
along our line parallel to N line Lot 4  
which is our base the N + S E runs 1° 19' E  
and the W 1/4 line runs S 2° 32' E

this will work out awful close

596.54 W of NE cor lot 4

as hub 28.95 S of A 3 is 67 ft E  
of our 50' R of W I M we have to add 17  
ft onto our



110 733.3  
292.5  
102.8

294

June 1st 1958 Sunday

Don leaves at 5:30 AM for  
Camp Ripley. South of Brainard  
Ed + I + Lu Walker drive to Cross  
Lake

Tower hub on S line of N 990  
ft strip at 55 ft fence & Tar  
set 60<sup>d</sup> spike @ 228.9 hub  
under T @ 300 pin + 154.28  
set 60<sup>d</sup> spike on E line Lot 4  
 $300 + 169 = 469$  hub.  $\frac{1}{4} \times \frac{1}{4}$  wood  
pin

Tower 454.28 on E line of Lot  
4 sub N 89° 57' W and runs S 2° 32' E  
along the E line of said Lot 4 a distance  
of 100.10 ft set 60<sup>d</sup> spike = N 100 ft.  
strip

from hub 454.28 start chaining  
over this hub called 00 - as it is  
NW corner of NE  $\frac{1}{4}$  of NW  $\frac{1}{4}$   
@ 338. hub. + 300 = 638. pin + 57.55 =  
697.55 hub.

$638 + 100 = 738$  pin + 262 = 1000. & old  
road @ 944.1 hub 60<sup>d</sup> spike  
We set a 60<sup>d</sup> spike hub at 1000 in &  
set pt 1326.72 over hill set hub on hill  
quit for night

349.4

55.9

1000

55.9

944.1

990 III

195.5

1185.5

June 2nd 1958

Set Gas &amp; Oil - 4,35 at Deep Rock

Don - Ed & I Lv Walker 8-15 drive  
to Cross Lake. arrive atTower 60' spike hub 1095.48 ft S of  
N line of Lot 4 Sec. 16 - 137-27  
site N 21° 12' W on spike hub 990 ft  
S of N line said lot 4 and run East  
parallel to N line said Lot 4 at 55'  
ft from & Tar road set 60' spike  
135' ft East of hub under Tat 195.2 set 60' spike A.P. from hub  
under T run N 54° 23' E 164164' Thence E 52.6 to E line Lot 4  
beg at E 349.4 Lot 4 continue E @ 349.4  
hub @ 400 pin + 300 = 700 pin + 33.3 = 733.3  
hub + 209.3 = 733.3 + 292.5 = 1025.8 hubs

N 54° 23' E 164'

Sine =  $8129.31 \times 164 = 133.32$ Cosine =  $5823.59 \times 164 = 95.50$ 

hub 1025.8 15 15 ft W of pond

Tower 1025.8 - 1150m pond

N 22° E 70 - N 53 E 90'

1319.8

1025.8

294.0

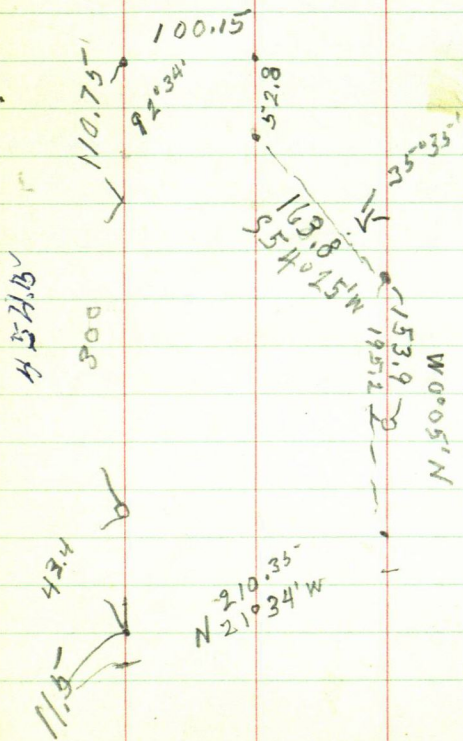


112

Claude E Kennedy  
 Fisherman's Point  
 Cross Lake Minni

110.75  
 300  
 434  
 45415  
 4379  
 41036

89.00  
 35.35  
 53.65



119.75

113

120

67

1539

Beg at a point 990 ft South  
 and 410.36 W of NE cor of Govt lot 4  
 thence West parallel to N line of lot 4  
 thence West 454.15' to the E line of  
 said lot 4 thence S  $2^{\circ}34'E$  along  
 the E line of said lot 4 a distance  
 of 100.15 ft to an I.M. thence West parallel  
 to N line of said lot 4 52.8 ft thence  
 S  $54^{\circ}25'W$  163.8 ft to I.M. thence  
 West parallel to N line of said  
 lot 4 a distance of 195.2. Thence  
 N  $21^{\circ}34'W$  210. ft  $\pm$  to place of beg.



S. 590 ft of N 1580 ft of that part  
of Gov't lot 4 lying E of C.A.R. # 8  
as located in 1938

to get what I want,

spike 990 ft South of N line  
Lot 4 site ~~N 140° 24' W~~ on I.H.  
or South if I can find my spike  
on Tower spike 985.5 S + BS N 140° 24' W  
& run South 590 ft or along the  
high way to a point 590 ft South  
of pt 990 ft S. of N line then  
run East to E line of said lot 4

fig

Spike in edge of Tar is 990. ft S of  
N line and 454.28 ft W of E line  
at this point

as the S E angle of this line is 2° 35'  
as we want the S line of the N 1580'  
of lot 4 at 990' S. the E line is  
454.28' W of a spike in tar

1580

990

590. we have 590 ft to go

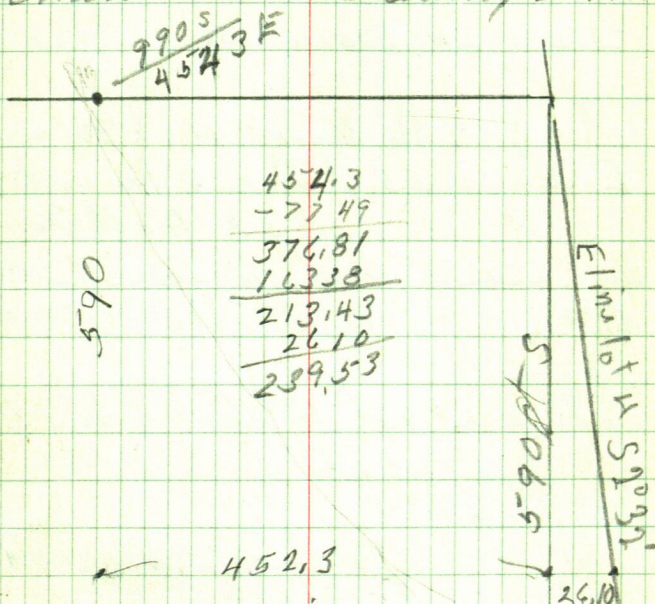
E line Run S 2° 32'

115-

394.44

$$\cos 141 = 999023 \text{ into } 590 = 590.58$$

from pt 990 S on E line to get  
590. If more south would have  
to chain 590, 58 along E line



Tower 990 site E from  
S 21°37' E 210.35°

Since  $368395 \times 210,35 = 77,49$

$$\cos 14^\circ + 929669 \times 210.35 = 195.56 \text{ S}$$

Track 216.35 run S 23°30'E 426.94

since  $382683 \times 426.94 = 163.38$

Cosine 923880 into 394.44 = 426.74



Town 426.94 # pt 1580 ft  
S of N line of Gov't Lot 4  
Sec. 16-137-27

BS N  $22^{\circ}30'W$  & run East  
SE angle of road  $66^{\circ} =$

Sine  $913545$  into  $50 = 55'$

Cosine  $406737$  into  $50 = 4'$

Town 426.94 BS N  $22^{\circ}30'W$  run  
East @  $55'$  from & tar out pt  
for I.M. @  $23953$  East from  
hub under  $\pi$  out pt for I.M. on  
E line of Gov't Lot 4 - Sec 16-  
137-27

from & Tol to spike under  $\pi 14'$

$23953$

$41$

$198.53$

$2440$

$.0037424242$

$9.886$

$215-$

$426$

$641$

13 15.00

<sup>2</sup>

2630.12

2640.

2630.12

988

<sup>2</sup>  
1580

387

660

2627

short

$$9.88 \div 2640 =$$

660

248

657.53 N

2630.12

1580

1050.12

657.53

392.59

2°32'

$$044201 \times 2630.12 = 116.25$$

$$999023 \times 2630.12 = 2627.55$$

2627.55

660

1967.55

1580

387.55

387.55 Nor. South

2°35'

Sine 045072

$$\text{Cosine } 998917 \text{ into } 387.55 = 387.97$$





we look up I M at NE cor lot 6  
of said plat we find the orig. I M  
and an 1 inch I M. that sets w 4.2 ft  
set by Gus Holstrom & Brainerd  
don't know what for

Then I M bet 3+4 along Street  
Site E on flag at I M bet 4+5  
from I M bet 3+4 chain E 200  
ft find our old 2" I M to measure  
O.K. and is on line

Note they said this I M might have  
been moved but we find it O.K.

Then NW cor lot 6. I M.  
site N  $89^{\circ}57'$  W along true line  
and run East 89.2  
on line S  $89^{\circ}57'$   $\frac{17.5}{106.7}$  set 60' split

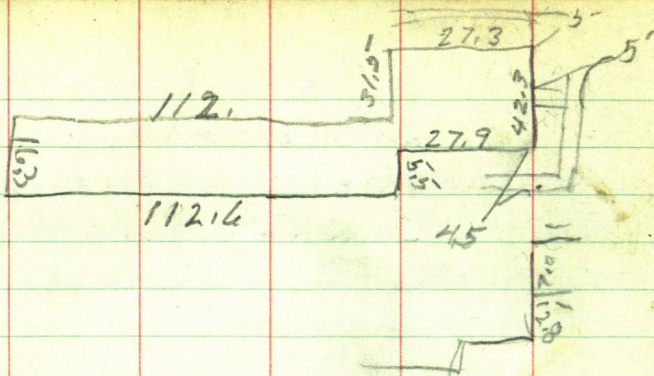
Tst. H at NW cor lot 6. SW cor  
bears S  $8^{\circ}58'$  W 185 ft

Then SW cor site N  $8^{\circ}58'$  E on NW cor  
South cor bears S  $54^{\circ}35'$  E 80 ft

Tst. H at SW cor the SW cor main  
house bears S  $87^{\circ}42'$  E 104.9 ok  
NW cor bears N  $76^{\circ}56'$  E 102.75  
SE cor metal bears N  $76^{\circ}44'$  E 97.15 ok



120



T still at SW cor I M on  
S line of lot 7-69.9 from car  
on shore line bears  $S 38^{\circ} 25' E$   
 $120. + 40.65 = 160.65$  I M

T over 160.65 BS  $N 38^{\circ} 25' W$   
From  $N 88^{\circ} 52' W$  69.9 to I M on  
shore  $S 88^{\circ} 52' W$  123 at 60' spike

134.	chain along Hy	$120 + 200.8$
185		120
<u>319.</u>		320.8
	pta $134 + 51 = 185$	319.0
	$- 25$	1.8
	<u>160</u>	
	$- 134$	
	<u>26.</u>	
134		
25		
<u>159</u>		

T over spike at NE cor lot 6 along  
Hy, BS  $N 89^{\circ} 57' W$  on I M NW cor  
lot 6. Gus Holmstrom's IM  
set  $S. 19^{\circ} 46' E$  162.4.

80.4

50.6 50.3

121

Trusted at NE cor lot 6 Lake Motel  
 NW cor S  $50^{\circ}15'W$  75.45 OK  
 NE cor S  $42^{\circ}56'W$  61.8 OK

Aug. 9<sup>th</sup> 1958

Hert - Ed & I to Cross Lake  
 Tower Sud's I M B S N.  $19^{\circ}46'W$   
 cor. of bldg bear.

N  $42^{\circ}W$ . - NE cor Motel

NE cor house N  $85^{\circ}32'W$  46.3

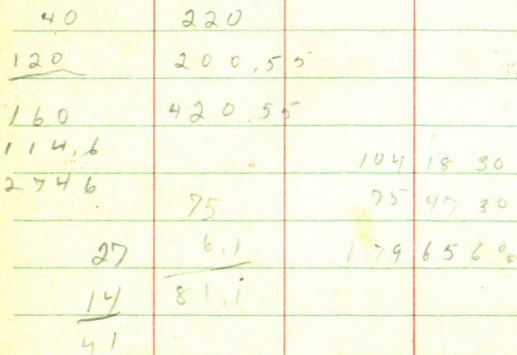
SE " " S  $59^{\circ}17'W$  47.6

Tower I M or lake shore B S N  $85^{\circ}58'E$   
 or lot line S  $54^{\circ}33'E$  80 ft to lot cor on lake  
 Tower Lat Cor B S N  $54^{\circ}33'W$  run  
 S  $24^{\circ}15'W$  85  
 lot.

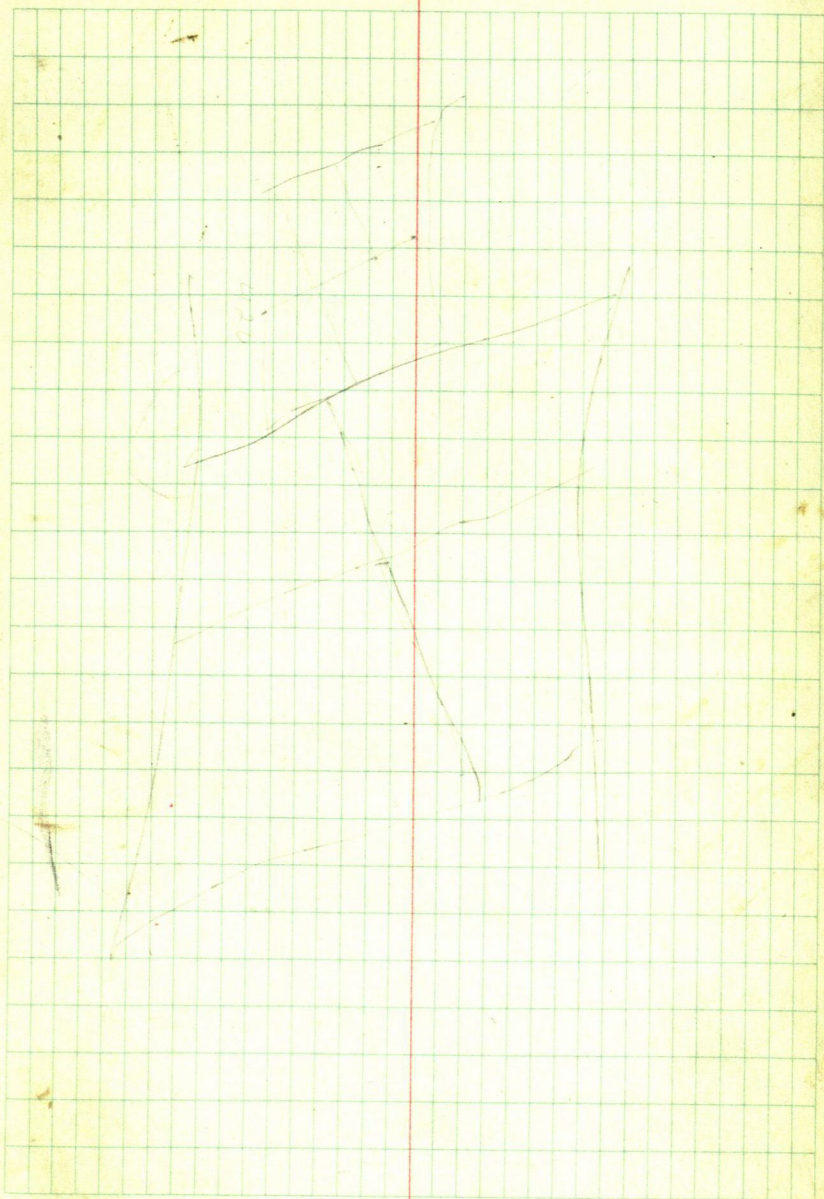


Aug. 7, 1966

Wayne Martin & I to cross lake  
see Mike Hamnergron then to see  
Mrs Frank Badredge



Ed Curr





$$\begin{array}{r} 59,55^- \\ 638 \\ \hline 49755^- \end{array}$$

990

1195.5-

~~1185.5-~~

5590 of N 15° 80'

1185.5-

394.5-

08-91  
1085



Lot  
H

1580  
590

990

394.5-

NE 1/4 SE 1/4

666