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FIELD BOOK

360

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## The Little Survey

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## Little Survey

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T/36-28-

(20 rods short  
of hole)

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



4

Sec 10-136-28

Rolph Little

August 1-1927 Monday

Westley's funeral 1-30 PM

Mollie Dwight and Doras - Nell and Roy Mullooney

Alma - Reed - John W. and Ilo. <sup>Francis</sup> Flora and AlexHarry - Agnes - <sup>Junior</sup> and Tom Todd.

Site and Nell Scribner - Annie Klinck - Bann

and Caldwell Gray - Rev Cortright of Hill City

Whitney <sup>Dan</sup> Mendenhall - Sam Adam and Billie

Johnstone - "Speed" also Jimmie and

Mrs Nichols and Baby "Jim", Sam Hilder.

Frank Hill - Selecta <sup>and when going home</sup> Davies - Mrs Davey and

Mrs John Cochran. and all of Jenks attend

Roy Bryant in Mattie's Chev drives us to

Brainerd Cemetery and back.

Aug 2-1927 Tues

Alma - Reed Ilo and I go to Brainerd in

PM where Ilo spends about \$50. for a new suit for me.



1927	Time Sheet	Working for	Ralph	Little
August			SUN	SUN
John W. Curo	3 4 5	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		
Auto	1 1 1	1 1 1	1 1 1	1 1 1
Expense	1 1 1	1 1 1	1 1 1	1 1 1
Reed Curo	1 1 1	1 1 1	1 1 1	1 1 1
Sol Marquis	1 1 1	1 1 1	1 1 1	1 1 1
Ralph Little	1 1 1	1 1 1	1 1 1	1 1 1
Harold C Taylor	1 1 1	1 1 1	1 1 1	1 1 1
Wm H. Kirvan Taff	1 1 1	1 1 1	1 1 1	1 1 1
Ira Berg	1 1 1	1 1 1	1 1 1	1 1 1
Gene St. Iman	1 1 1	1 1 1	1 1 1	1 1 1
John Erickson	1 1 1	1 1 1	1 1 1	1 1 1



6 10-136-28 Ralph Little

Aug 3-1927 Wed

Alma-Rud and I in my Ford Lifeguard  
@ 8-9 AM. At Faucets Resort and on side of  
Pelican about 8-20

Ralph Little and his Chrysler driver  
crossed his land He owns Gout Lats  
1 and 2 Sec 15 and all of Sec 10 except  
NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  +  $\frac{1}{4}$  Fractional NW-NW  $\frac{1}{4}$

T 136 R 28. Note: A Farmer bot Lats 1-2  
Sec 15 @  $\frac{1}{2}$  an acre - sold it to Bill Faucet  
for \$100. an acre - Little paid Faucet  
\$200. an acre for it

Lot 1 Sec 15 T 136 R 28 contains 30.85 acres

Lot 2 " 15 " " " 25.50 "

US Survey =  $56.35 @ \$200 = \$11,270^00$

The Bal in sec 10-136-28 he bot @ \$16.  
and  $\frac{8}{125}^00$  an acre

Sec 10-136-28 contains:

NENE	40.00	out
NWNE	40.00	
SW NE (Lat 4)	19.00	
SE NE (Lat 3)	22.00	

NE NW	40.00	
NW NW (Lat 1.)	18.75	out
SW NW (Lat 2)	23.76	
SE NW	40.00	

NE SW (Lat 5) + ?	52.90	
NW SW	40.00	
SW SW	40.00	
SE SW (Lat 6.) + ?	53.50	

4 29.91

Sec 10  
136-28



## US. Nales Day

80.00 Corte 8-9-16-17,

Blk Pine 145 8 W 82

Blk Pine 145 52 E 55

" " 12 N 60 E 58

" " 10 N 31 W 265

East line line Bet 9-12 Var 10° 45' E

40.00 Set 1/4 cor NP 14 N 54 E 42

BP 10 S 43 E 93

8000 Cor 16 9-10-15-16

Dead Oak 10 N 27 E 28. Oaks 5 N 38 W 169

Dead Pine 245 69 W 225 no other

South Bet 15-16 var 10° 35' E

820 Pelican Lake and set M.C.

Oak 5 N 18 W 140

Oak 5 N 2 E 205

East line line Bet 10-15 var 10° 30' E

1850 Enter Marsh NE-S

2260 LV " NW-SE

2450 Re Enter " N-SW

3050 LV " N-SE

40.00 Set 1/4 cor Post

Lynn 8 N 51 W 76

" 6 S 89 W 77

40.60 Pelican Lake set M.C. Post

Oak 5 N 62 W 140 Elm 6 S 84 W 17

North true Line Bet 9-10 var 10° 40' E

1600 Enter Marsh NW-SE

2400 LV " SW-NE

3000 Pt of Marsh Bears NE x SE

4000 Set 1/4 Post

NP 14 S 42 E 60 WP 20 S 69 W 57

4758 Lake and set M.C.

Lynn 8 S 20 W 23 NP 12 S 42 E 55

over Lake on ice

7976 N side of Lake and set M.C.

Dead P 22 N 3 E 126 = 83.16 FT

8000 Cor T. 500

3-4-9-10

3-4-9-10

NP 20 N 88 E 162 <sup>108.92</sup> Oak 6 N 87 W 240 = 158.4

no other lines near

East random Bet 3-10 V 10° 30' E

2100 Ent Marsh NW-SE

3380 LV " NE-SW

40.00 Temp 1/4 cor Post

7800 Enter Marsh N-S



## US Nalis - Continued

East random Bet 3-10 continued  
8000 Temp Cor Thence

Between secs 2-11  
East 250 Lv Marsh NE-SW  
700 Enter same marsh N-S  
1200 Lv " " NW-SE  
4000 Temp 1/4  
5350 Ent 1/4 Marsh N-SE  
6500 Pt 200 LKS S. of Pond 20 Acres  
7250 Lv Marsh NE-SW  
7864 Intersect Line 142 LKS N of Cor  
Thence Run

306  
1836  
1836  
201.96

N 89°30'W

West true Line Bet 2-11 var 10°30'E

3966 Set 1/4 Sec Cor Post  
WP 145 72 1/2 W 246 Dead P 12 N 78 W 58  
7932 Cor to Secs

2-3-10-11

NP 145 40 E 326 NP 125 54 W 280 = 184.80  
" 16 N 40 W 261 = 172.26 " 14 N 62 E 337

Thence Bet Secs 3-10

West

3966 Set 1/4 Cor

NP 105 7 W 306

No other line near

7932 Cor 1-3-4-9-10

South True Line Bet 10-11. From Cor  
in marsh

550 Lv Marsh NE-SW  
2790 Pelican Lake and set M. C.  
BP 8 N 66 E 452 NP 8 N 15 W 611  
Bal of Line in Lake

North Bet 2-3. V 10°20'E From Cor in marsh

2400 Lv Marsh NE-SW  
2510 Ent " NE-SW  
3900 Lv " NW-SE  
4000 Set 1/4  
Oak 5 West 32 NP 205 87 E 115  
5266 Lake Set M Post  
WP 24 529 E 78 Oak 16 S 14 W 185  
Bal of Line in Lake



136-28 10-136-28

9

August 3-1927 continued

We find an old N-S fence 20 years old  
or more bet Secs 10-11-

Mr Hamilton may know where  
this line is as he owns a mile of  
lake shore East. At Cor 10

2-3-10-11-136-28

We find Iron 2" pipe a foot so. of  
S wheel track of E-W road and  
in line with fence running north  
I will check this up later

We drive a mile West but find no Cor  
1/4 Bet 10-15

We find Cement Post set By  
Co. Surveyor Knutson Mkd 1/4 Cor  
10-15 We drive 1/2 Cor

9-10-15-16-136-28

where we find 6x6x24? Cement  
post set by Knutson for line Cor  
To over Corn Mon Focus West  
a mile, Turn 90° and run

North on random bet 9-10

At 10-30 A.M.

Sol Marquis ("Markee") of  
Pegunt - Foreman for Little  
calls his crew Vij



10 -

136-28 Aug 3-1927  
Continued

# Ralph Little Survey

Harold C Taylor - Merrifield

Wm H. "Taft" Kirvan

Ira Berg Hubert

} all young

9-10-15-16

6x6 cum Mon & E-W Road

JP 10 N 71° 10' E 63.5 Flat Spot at Base

Red Oak 14 N 8° 20' W 48.5 " " "

Oak 7 N 45° 45' W 35. " " "

Oak 10 (spotted) S 61° 40' W 30.3

Thru 10" Oak SE

'Spotted 10" Oak S 35° E 34.2

Oak 10 S 36° 20' E 35.3

Crew Begin at 10-30 AM Run  
North Bet 9-10

300-600 - 604.2 Hub 811. Hub

900 Stake on line 997.3 Hub + 90 =

1087 enter marsh - 997.3 + 300 =

1297.3 Stake in marsh + 2.7 =

1300 Stake on line in marsh

1425 Pt of solid land 3 ft E

1550 Marsh 3 ft West

1600 Stake - 1675 Hub side hill

+ 31.4 = 1706.4 Hub on ridge

Alma - Reed and I took tea - Eggs  
with Ray Peterson  
of Pullager



10-136-28

11

Aug 3-1927 Continued

PM continue

North bet 9-10-136-28 Reed and Sal  
help me chain P Bob - double center  
but short rights & of hills and trees

$$1706.4 + 300 = 2006.4 + 124.4 =$$

$$2130.8 \text{ Hub } [ 1900 \text{ To } 1975 - \text{West}$$

$$\text{end of meadow} + 255.8 = 2386.6$$

$$\text{Hub on side hill} + 106.4 = 2493. \text{ Hub}$$

Berg and Taylor Quit at 5<sup>07</sup> PM

Sal quits @ 5-10

Kiwan - works till 5.30 and will  
stay with Reed and I but quits 5-15

Reed and I keep on until rain  
drives us out and we walk back so  
to Co. L. 5-30 Ar Co. 5.43

Nat. Crew begun 10-30 am.

Alma Reed and I drive home  
to Jenkins Nat. Reed cut-

Taylor's arm to-day by accident  
only a scratch.

John W. Curo



12

10-136-28

Aug 4-1927 Thursday

As I was not to start till noon I work  
all am. at Jenkins on Peguot Grades  
map. PM.

Alma-Reed and I in Ford  
Lv Jenkins 12:45 Ar 1.05 PM.  
Berg does not work today  
JWC  $\pi$  - Reed Curo Ch. Sal port  
Lin Boss

Harold C Taylor say the  
Wm H. Kirvan say the  
Gene Stillman of Memphis axe  
Begin @ 1-05 PM run

East on random bet 10-15-136-28  
On 6' along new narrow road @ 290  
road turn SE 300 - stake - 450  
Knutson's old Hut on E Brink where line  
575 meadow 600 - 720 Lv meadow  
875 Hut on cairn 900 - 1140 E Brink  
Low. 1190 meadow 1200 - sth in  
meadow 1318.8 old stake 2 ft so  
1320 stake 1500 - 1558.2 Hut  
1620 int meadow n-sw 1800  
1995 Lv n-sw 2021. Road n-s  
2080.8 Hut under  $\pi$ ; 2100 sth  
2400 + 111 = 2511. Hut



T. over 2511. The  $\frac{1}{4}$  Corn Mon =  
 $\frac{1}{4}$  Cor bet 10-15-136-28 bears  $8^{\circ}28'$  R  
 129.8 To Corn  $\frac{1}{4}$  Cor

Triviz JP 4 N about  $85^{\circ}E$  15.85  
 (Elm 6 N about  $45^{\circ}W$  15.12  
 " 55 "  $50^{\circ}W$  40.70

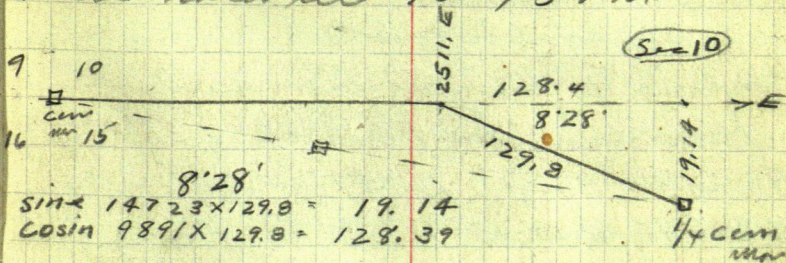
Stillman - Taylor and Maiguis  
 quit at 4-10 PM and walk West 15  
 cat brush for Little.

Kiwan stay with Reed and I till  
 4-45 Walk West & cut brush  
 for Little till 5 PM.

T @ Hub 2080.8 E Uor reads 6"

Reed and I quit at 6-03 PM.

26 minutes to Jenkins where I  
 write notes till 10-45 PM.



2511.0

1284

2639.4 E  $\frac{1}{4}$  sub S 19.14

2640 mls 19.14 = .00725-0K =  $0^{\circ}25'$

Jahm W Curo



14

Ralph Little

August 5-1927 Friday

Take Abner and Washing machine to Noah

Ritchie and Figure Corrections

Correction Bet 10-15-136-28

$$= .00725 S = 0.25' \text{ (} \overset{\text{Tang}}{.00727} = 0.25' \text{)}$$

300 E. Gauss 2.175

450 " " S 3.26

600 " " S 4.35

875 " " S 6.34

900 " " 6.53

1319.7 E Gauss S 9.57 1/6 W 1/16 Bet 10-15

1558.2 E Gauss S 11.30 OK

2080.8 " " S 15.09 OK

2511 " " S 18.2 OK

2639.4 " " S 19.14 To 1/4 Corn Mm

Figure 9-30 To 11 AM.

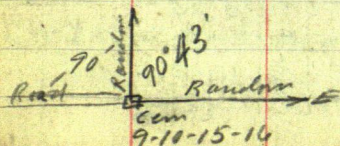
Reed and I cook our own dinner

Lv Jenkins in our Ford at 12-35 PM

Ar Little Resort 12-57 Find crew

at Cor 15 9-10-15-16-136-28

Stillman and Kirvan work with Reed and I. We correct line as checked as above "r"



$$\begin{array}{r}
 27741 \\
 2151 \\
 \hline
 29892 \\
 1108 \\
 \hline
 31000
 \end{array}$$



10-136-28

2151

15

W.  $\frac{1}{16}$  Bet 10-15-136-28W set  $3 \times 3 \times 48$ " dry oak stakes mhd.True  $\frac{1}{16}$  Cor - Set By CoroKnutsons  $\frac{1}{16}$  Cor  $2 \times 2 \times 36$ " sets 7. ft Nand 1. one foot West of our line  $\frac{1}{16}$ 

Set hill stakes and some that

Mhd True Sec Line - Coro.

At 3-30 we get back to SW Cor 10.

L. Car and walk north on cut out line

T. over Hub 2493. N continues

North on random bet 9-10-136-28

 $+ 281.1 = 2774.1$  Hub under T $2493. + 147 = 2640$  N Look for $\frac{1}{4}$  Cor Bet 9-10 Temp Hub

US Nails call for

NP14S 42E60

WP20S69W57

See Page 7. This Book for US Nails

 $2774.1 + 215.1 = 2989.2$  Stake + $110.8 = 3100$ . Hub on N. Bunch

3131 Low sea wall - 3135 sand

Beach - 3180 water edge Solid

Shafer Lake E-W.

 $4758$  LKs -  $3140.28$  Ft US. Pg 7.

= OK. For length. Old BTS gone

Reed + T Back to Car 6-03 Home 6-30

= 5 Hours +

John W. Cress



10-136-28

Aug 6-1927 Sat

John Crosby calls from New Brannock  
Habit. and I go to Brannock to help  
him pick out 400 Iron pipe flues  
12 ft long @ 1¢ # 2¢ a foot

Alma - Reed & I in Ford L  
Jenkins 10-40 at Mississippi Bridge  
at Brannock 11-20 = 40 minutes drive

Reed drives Alma - Crosby & I to  
v p shops where we look over pipe &c  
Also Heave Tin sheets @ 5¢ each  
bunched @ 10¢ each @ 1/2¢ #  
Sheets about 2 1/2 x 5 ft.

Reed & I eat dinner at Brady's 50¢  
Alma eats at Home Bakery

Commissioners do Not meet  
to day - But Next Saturday

Mattie and I go over records  
with Earl Jenkins. Home to Jenkins  
6-PM. Note: This is my first day  
for my new suit but by I/c \$39.50  
and a lot more about \$50. total

John W. Cross



Aug 7-1927 Sunday

All AM in Jenkins. PM Alma-Reed and I in our Ford. Stop for hail storm at Ackerman's. Pick cherries near old Sleeper Farm. Home via Emery's farm.

Aug 8 - Monday: Reed and I all day at Pequot on Block corners for sheet grades.

Aug 9-1927 Tues. all AM at Jenkins  
Quinn and Lewis Knutson call  
PM Reed and I with Quinn and Knutson at Twin Lakes Park  
Alma works for Ferguson Hotel

Aug 10-1927 <sup>Wed</sup> all AM at Jenkins  
PM. Alma-Reed and I alone at Twin Lakes Park



17

Ralph Littl

August 11-1927 Thursday

Reed and I in Ford L. Jensen 8-40  
 AM. Drive to Twin Lakes Park meet  
 Quinn - alone Then back to Pelican  
 Meet Sal Marguer

10-30 AM. Sal and his car takes me  
 and Reed follow to Cor

2-3-10-11. 136-28

US. Water call for See Page 8

NP14 S 40° E 326 Links = 215.16 and short  
 NP12 S 54° W 280 " = 184.3 and STP road  
 NP16 N 40° W 261 " = 172.26 gone  
 NP14 N 62° E 337. " = 222.42

Sal shows us a 2" I m Set By Co Surveyor  
 Knutson on his me in County Sub-  
 division of the three sections north  
 Sal also shows us the tall stump of the  
 SW BT. Clearly marked BT

Knutson's Iron Pipe is only ft  
 from this stump and sets in so edge of  
 E-W graded road and in line with  
 fence running north

Sal drives home to dinner Reed and I  
 drive a mile west to Fayman farm  
 where Reed gets water for his lunch. I do  
 not eat. PM.

Drive back and check I m at Cor



Aug 11 continued 10-136-28

18

2-3-10-11-136-28

Toren Knutson's I.M. old SW BT stump  
@ 11°30' 4" as bears S 54° W 184.8 - 2.1 = 182.7  
being 2.1 too short

Old US BT stump plainly marked  
BT Bears S 43° 10' E 212.5  
Still @ 11°30' 4"

Another old 14" NP stump burned  
bears N 70° E 219.5 not marked

Note: This would leave the intersection  
of the two good stumps 3.6 ft N of  
I.M. at which point I draw a hat  
but will use the I.M. I guess

This is I.M.

8" Tel pole N 60° E 36.25 <sup>Bushy fl.</sup> <sub>post</sub>  
Fence on N 6° E 37.5

10" Tel Pole N 75° 33' W 115.05

9" Tel Pole S 58° 40' W 26.15

11°30' 4"

Note: At 1-30 P.M. Sal Marquis  
and his Ford Sedan gets back from  
dinner with Taylor and Kirvan  
and they all help me cut brush  
and check this corner. We take bath  
car and all go West along crooked  
graded state road



2-3-10-11-136-28 ch

West 3-6-9-12-1320 cannot find the  
 E m and all drive a mile west to Co.

3-4-9-10-136-29

where Charlie Fayman  
 says Jack Schaffer a surveyor  
 established a corner being a  
 Corner post on E E W Road and  
 on line with fence running North  
 N. E. Knudson's men used this  
 stone in their subdivision of  
 the 3 sections north

We dig a while then decide to  
 walk around E. side of Schaffer Lake  
 and bring the line across  
 Channing around East end  
 Reed and Sal stay on north  
 shore Taylor-Kirvan and I  
 walk around. We set red flags  
 in straight augments around  
 sand block on E. side

• T over Hut on my random at  
3100 N. Caust Double E hut  
 the set by Reed Cuss on  
 north shore in sand block  
 Then with T @ 3100 N



10-136-28

20

Lake course to various flags

Focus North on double cen flag

Flag 1. Bear  $N 59^{\circ} 07' E$

" 2  $N 41^{\circ} 30' E$   $N 46^{\circ} 30' E$

" 3  $N 37^{\circ} 30' E$

" 4  $N 22^{\circ} 20' E$

" 5  $N 13^{\circ} 45' E$

" 6 North = Flag Pole on line

Walk North to Car and Quit at  
5-35 PM. Dad takes his boys  
home in his car

Reed and I take short cut roads  
via Alocun corner at Jenkins 6.00  
PM. Harry and Agnes still with  
Dwight and Mary.

Nat: Ellsworth Sotro takes Reed  
in the jaw then beats it for  
Peguat

We get in 6-Hour



21

Ralph Little

August 13-1927 Friday

Reed and I in our Ford and a bunch  
Lv denham 8-20 AM. (rained last night)

Ar Cor 3-4-9-10-136-28

@ 8.55 AM. Find Sal Marquis  
"Markee" and Ralph Little the  
owner. Little is all hot up  
about the cost of survey and  
calls it off -- or tries to -- I  
show him the foolishness of this  
and we agree on a flat price of  
\$125.00 for all of the engineering work  
and he will furnish all of the  
brush cutters and helpers.

Sal hears the bargain and  
approves - vigorously.

Reed and I will work alone  
this AM. and we walk around E  
sid of proper to Transit over Hub  
3100. N from which we claim

N 59° 07' E 35 foot of hill: 80 sea wall

130 T. 250 Water 4' L

299.4 Sta 1. on sand. Water 12' L

boat & seawall 15' R. Top 30 R.

46° 30' W

Top Sta 2. BS. S 41° 30' W on O.O.

= Hub 3100 N Sta 1. bears S <sup>38° 05'</sup> 33° 05' W

Sta 3. Bears N <sup>21° 10'</sup> 46° 10' E Van reads

2° E 7° E



10-136-28

22

From Sta 1. Chain  $N 33^{\circ} 05' E$

100 To 150 Edge of water 150 stake 350  
edge of water  $150 + 296.5 = 446.5$   
to station 2. under T water 15' L  
Foot sand ridge 15' R. Top 30' R.

From Sta 2. Chain

$N 21^{\circ} 10' E$   
 $N 16^{\circ} 10' E$  @ 150 stake water 3' L. @ 200  
edge of water @  $150 + 257.9 =$   
 $407.9 =$  Sta 3. at foot of bank. water  
27' L Top Bank 20' R.

T over Sta 4. BS  $S 22^{\circ} 20' W$  on O.O.  
= Hut 3100. Sta  $N 3$  Bears  $S 8^{\circ} 20' E$   
Sta  $N 5$  Bears  $N 31^{\circ} 48' W$  Van Beach  $6^{\circ} 30' E$   
Must be something wrong here as the  
course as you read only  $2^{\circ}$  at Sta 2  
and  $6^{\circ} 30'$  at Sta 4. P. we shall see.

Reg @ Sta 3. Chain  $N 8^{\circ} 20' W$

@ 100 end of water: @ 175 water 10' R  
@ 250 L. water: @ 300 pin water 10' L  
Foot of Brink 35 R; Foot of big hill  
50' R.  $300 + 272.7 = 572.7$  Sta 4  
Water 30' L. Foot of low sea wall 20' R  
Top 40' R.

Sta  $N 4$  Chain  $N 31^{\circ} 48' W$

@ 100 water 12' L Foot Low sea wall 35' R  
Top 60 R.



23

Ralph Little

at 275 water 12' L Foot of 25R

top 40R 300 stake + 27.5 = 327.5

Sta 5.

Run over Sta 6. BS. South on 0.0 = Hub

3100 N Var reader 7°10'E

Station N:5. bears S 66° 25' E 462.1 FT

Sta 5 Chain N 66° 25' W

75 to 350 Water 8' L @ 300 feet +

162.1 = 462.1 Sta 6. on line

Get hot water from Char

Reed and I eat in his yard

PM

Harold Q Taylor and Wm H  
 Kirvin (Little's men) come to help  
 us. Cut line North up big hill  
 Kirvin walks around E. end of  
 Shofar Lake and I again check  
 the stations by

Sta 5 S 66° 26' E

" 4 S 52° 10' E

" 3 S 33° 25' E

" 2 S 20° 41' E

" 1 S 8° 18' E

" 0 South 0.0 OK.

Hub at Sta 6. Water 20 ft S.

Foot of hill 20 ft N



10-136-28

24

Sta 6. Run N  $59^{\circ} 43' W$  391.3 To

Sta 7. Water L. Bank R.

From Sta N<sup>o</sup> 7. BS S  $59^{\circ} 43' E$  on Sta 6.  
Sta N<sup>o</sup> 8 = Acc Cor

Beams N

From Sta N<sup>o</sup> 6. Run North @ 37.1 Hub  
Hub on ridge hill. @ +54.7 = 91.8 Hub  
on top. Walk 80 rods East to IM  
2" Pipe set by Co Surveyor Knudson  
for West  $\frac{1}{16}$  Cor Bet Acc 3 and 10

T 136-N 28 Focus half mile E  
on red flag at E  $\frac{1}{16}$  Cor Bet 3-10 run  
West on a road 3-6-9. +105 = 1005.  
red nail in a road. Intermittent

$\pi$  @ 1005 Focus E on IM  $\frac{1}{16}$   
intermittent our line with old North  
fence line and dig a foot deep but  
find no cement Cor @

3-4-9-10. 136-28

From same W  $\frac{1}{16}$  Focus half  
mile E and then

East @ 64.2 Hub @ 224 E. Brink  
280 foot big hill 300 slabs @ 325  
entire meadow N  $20^{\circ} E$  S  $20^{\circ} W$

$300 + 225 = 525$  slabs in soft  
grg + 300 = 825 slabs



25

Ralph Little

From 525 T. 725 very soft  
 Harold takes chain across T held  
 back end @ 525 - Read it  $\pi$  we  
 drive around S end of swamp  
 $825 + 35 = 860$  L. Bogn - S  $825 + 175 =$   
 $= 1000$  aah Hub 1300 Hub - pin of board  
 Taylor and Kiwin Quit at 5-30  
 and I drive them half a mile West  
 to their Ford. Then I pick up Reed  
 and we drive back to

$\frac{1}{4}$  Bet 3 and 10 - 136-28

US Hater call for

NP10S7W 306. = 201.96 N. atheneum

We Pace S7W 201.96 ft about and  
 find all traces of any old BT gone  
 Then drive half a mile west and  
 from Red Spike 1005 W Chain down  
 Big hill West 305 = 1310 in line  
 with old fence running north

Quit at 6-35 L. @ 6-36  $\frac{1}{2}$  stop  
 10 minutes to see Hilding

and get home to Jenkins 7.05

19  $\frac{1}{2}$  minutes driving line

work 3. Hours 05 minutes AM and 5-35

PM = 8 Hours 40 minutes



August 13-1927 Saturday

All forenoon at home in Jenkins  
PM. Alma Reed and I in field go to

Commissioner Meeting  
at Brainerd --- I get plat approved  
Silver Sands held of a line  
doing it Home 6-40 about

August 14-1927 Sunday

Mattie and Boris to  
B.B. Nelson cottage  
for dinner

Reed and I work alone for Little Sec 10

137-28. all a.m.

(3)

Reed 2634.5 Rechain

1310.1 1324.6 1255.1 1275

Change  
see p. 42

1255.4  
1/4 3.30 Rechain

(10)

5164.8

Reed and I re-chain N side sec 10 as shown  
above. Beg @ NE Cor sec 10-136-28 chain

West 300-600-900-180-980+295=1275

to E M. Cor I m set by Knutson Beg @ same

E M. Ch West 130+300+300=730 plus 300  
=1030+225.1=1255.1 I m. set S. 3.30 ft

From W 1/4 Ch. E 1300+24.6=1324.6 I m.

1/4 set S. 3.30 ft ? Union N-S Found as

S W Cor limit West. 1275 1275.00  
1255.1 1255.10  
2530.1 1324.60

Alma Reed, Dorothy & Tiny 140 L. 1310.00

and I to Ben Wagner's cottage 5164.80

Mr and Mrs Bankston as there I deliver map  
of Silver Sands. First correct River Road  
John W. Carr



# Ralph Little Survey

27

August 15-1927 Monday

Cooler: Mr & Mrs Little with their car and a party of ten drove thru Jenkins last evening. Reed and I to in our Ford about 8-AM. Alma goes with Mr and Mrs Ritchie for berries.

Reed and I find Harold C Taylor alone cutting brush on so side of road. Nat: "Toft" is laid up with a nail on his jaw. Reed and I alone to over IM = Knutson's burn E  $\frac{1}{4}$  Cor - Four half a mile W on his W  $\frac{1}{4}$  IM - run East - chaining from stake 900 W.

@ 201.8 = 698.2 W of NE Cor. Sec 10 136-29 set red top spike double cen in E E-W graded road.

To over 698.2 Four half a mile W on IM. burn  $\frac{1}{4}$  and run East. at 698.2 E over line falls 2.90 ft so of Knutson's IM. sec cor and 6.50 ft so of my hot line Cor T. Secs 2-3-10-11-136-28

Reed runs transit - I flag

Sal Marquis and his car arrives.

@ 11 AM. Taylor still clearing fence line

Reed and I drive on sand on E side of Shaper Lake and



## Check Traverse

around E end of Shop. As Sta 2" P 20  
 Seems to be off 5" my mistake in reading  
 Vernier @ Hat 3100 ~ Page 20. We set T  
 over sta 2" BS N 20° 41' W (Page 23) on flag  
 on line at Sta 6. Then sta 00. being hat  
 3100 N. bears S 46° 30' W as corrected in  
 journal on Page 20. Sta N 1 bears S 38° 05' W  
 Sta N 3 bears N 21° 10' E

Tower Sta 2. Variation reads 7° E OK.

All eat our lunch in the shade of  
 Charlie's trees

Dr. wife gives us some hot  
 water. P.M.

Harold C Taylor cuts brush and  
 helps Reed and I.

3-4-9-10 - 136-28 US Notes: P 77  
 XP 20 N 88° E 162 = 106.92 Feet US = 3.75 N  
 Oak 6 N 87° W 240 = 158.40 " " = 8.3 N

Taylor and I dig for the cem Mon  
 3-4-9-10-136-28 but do not have  
 time between Cars. Cars too thick.  
 We drive a few miles West where  
 Bill Hall says the cem Mon is  
 in E E-W Road and in line with  
 fence running north.



29

Aug 15-1927 Continued

We come back and walk north bet  
3 and 4. Find an iron pipe in sand  
on E shore of Long Lake about 4 Rods  
E of old N-S fence. then walk back  
to Car. Taylor cuts brush and

Quits at 5 PM. - 4 Hours for

Taylor Reed and I stay late

Reg @ Hub on random 91.8 ft N of St 6.

Page 24. Chain north on random

Bet 9-10- @ 91.8 + 141.2 = 233.0

Hub so of E-W Road

91.8 + 160.8 = 252.6 N. spike in

E-W Road at intersection of  
random line - then another hub 14.2 ft  
N of IP spike and on N side of road

Turn IP spike 252.6

on both random lines NE angle  
reads  $89^{\circ}13'$  & looking S is  $7^{\circ}35'$   
or looking E is  $6^{\circ}35'$  about

Focus E on Random The random South  
runs  $S 0^{\circ}47' E$  Focus S.  $0^{\circ}0'$

and run West  $0^{\circ}47' N$  or  $N 89^{\circ}13' W$

along random @ 30.3 Red spike

1005 N (Page 25.) @ 335.4 W new Hub

in line with fence N, on E side of fence  
@ 336.5 W New Hub in line with fence N

Quit 6-25 PM. Home @ 6:45

on W side of fence



Aug 15-1927 Figuring  
Try This See Page 26 for map.

$$\begin{array}{r} 1310.1 \\ 1291.2 \\ \hline 18.9 \end{array}$$

$$\begin{array}{r} 1324.6 \\ 1310.1 \\ \hline 2 \quad 2634.7 \\ 1317.2 \\ 1310.1 \\ \hline 7.1 \end{array}$$

$$\begin{array}{r} 1275.0 \\ 1255.1 \\ \hline 2530.1 \end{array}$$

$$\begin{array}{r} 1275.0 \\ 1255.1 \\ 1324.6 \\ 1310.1 \\ \hline 4. \quad 5164.8 \\ 1291.2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2582.4 \\ 2530.1 \\ \hline 52.3 \end{array}$$

cant make the dam things ch.  
May have to check for old BT stamps @  
1/4 Cor but they are not there. I will  
check chain the whole dam thing

$$N 59^{\circ} 07' E \quad 299.4$$

$$\textcircled{1} \begin{array}{l} \text{Sine } 85821X \quad 299.4 = 250.95 E \\ \text{Cosine } 51329X \quad 299.4 = 153.68 N \end{array}$$

$$N 38^{\circ} 05' E \quad 446.5$$

$$\textcircled{2} \begin{array}{l} \text{Sine } 61681X \quad 446.5 = 275.41 E \\ \text{Cosine } 78711X \quad 446.5 = 351.45 N \end{array}$$

$$N 21^{\circ} 10' E \quad 407.9$$

$$\textcircled{3} \begin{array}{l} \text{Sine } 36108X \quad 407.9 = 146.28 E \\ \text{Cosine } 93253X \quad 407.9 = 380.48 N \end{array}$$

$$N 8^{\circ} 20' W \quad 572.7$$

$$\textcircled{4} \begin{array}{l} \text{Sine } 14493X \quad 572.7 = 83.00 W \\ \text{Cosine } 98944X \quad 572.7 = 566.65 N \end{array}$$

$$N 31^{\circ} 48' W \quad 327.5$$

$$\textcircled{5} \begin{array}{l} \text{Sine } 52696X \quad 327.5 = 172.58 W \\ \text{Cosine } 84989X \quad 327.5 = 278.34 N \end{array}$$

$$N 66^{\circ} 25' W \quad 462.1$$

$$\textcircled{6} \begin{array}{l} \text{Sine } 91648X \quad 462.1 = 423.51 W \\ \text{Cosine } 40008X \quad 462.1 = 184.89 N \end{array}$$

$$\textcircled{7} \quad \text{North } 252.6$$

$$N 89^{\circ} 13' W \quad 335.4$$

$$\textcircled{9} \begin{array}{l} \text{Sine } 99991X \quad 335.4 = 335.37 \\ \text{Cosine } 01367X \quad 335.4 = 4.58 \end{array}$$

Nat. Sec. No. 6 to 7 and 7 to 9. later



31

Aug 16 - 1927 Tues

Sta

E

W

N.

0.	N 153.68 + 3100.00 -			3100.
1	E 256.95	256.95		3253.68
	N 3253.68 + 351.45			
2	E 256.95 + 275.41	532.36		3605.13
	N 3605.13 + 380.48			
3	E 532.36 + 146.28	678.64		3985.61
	N 3985.61 + 566.65			
4.	E 678.64 - W 83.00	595.64		4552.26
	N 4552.26 + 278.34			
5	E 595.64 - W 172.58	423.06		4830.60
	N 4830.60 + 184.88			
6.	E 423.06 - W 423.51		0.45	5015.48

Clos Check E-W

N 5015.48 + 252.6

8	E 0.0 + 0.0	0.0.	0.0.	5268.08
	N 5268.08 + 4.58			
9	E 0.0 - W 335.37		335.37	5272.66

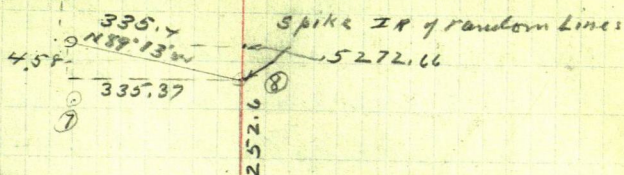
Correction

.063601 W See Page 10 = 3°38'

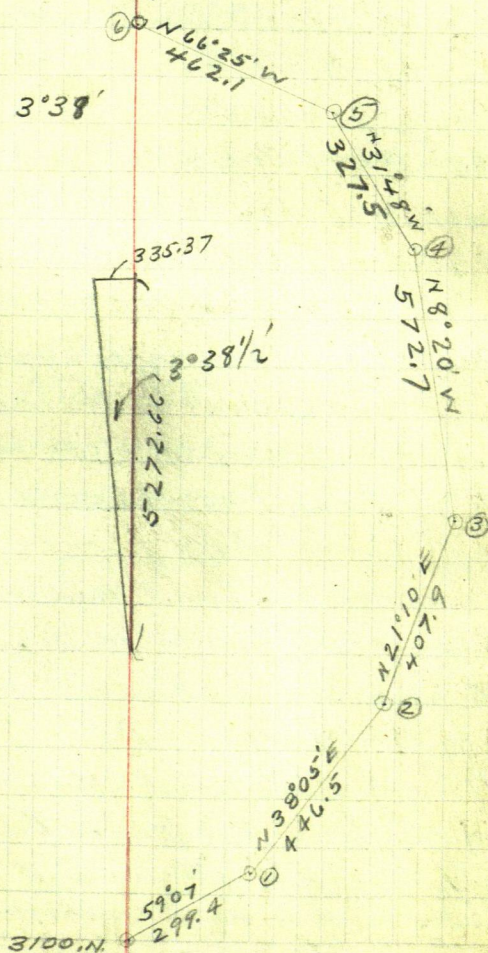
300 N	gals W	19.08
600. "	" "	38.16
604.2	" "	38.33
811.	" "	51.58
✓ 900	" "	57.24
✓ 997.3	" "	63.48
1297.3	" "	82.51
1318.16 = 1/16 Gals W	83.84	
✓ 1300		82.68
1600		101.76
1675		106.52
✓ 1706.4		108.53

3954.5 N. Gals W 251.52 To N 1/16 in Lake





Correction =  $3^{\circ} 38'$   
 .063601 W





Aug 16-1927 Could

Nat-: Up 5 am. Cloudy Alma - Reed & I  
Lv about 6-15. drive to Bill Hall Farm  
Starts to rain and I tell Taylor that I  
will be back when rain stops. All return  
to Jenkins. Alma and Reed take the car  
and as Mrs Ritchie will not go they go  
alone for Blueberries. I figure as  
per page 31 and 32.

Mr Earl C. Lester % Ludvig Arct-  
ander 425 NY Life Bldg Mpls. Come with  
Mr Arctander (a Lawyer) and I go in  
their Ford to see SW 1/4 E and SE 1/4 NW Sec 30  
137-29 owned by Lester's father who has  
died. We drive out in the rain and  
around both sec 29 & 30 - talk with  
Axel Framling who owns the "80" N of  
Lester land. Axel places "Nat one" 10  
an acre on the land and we all decid  
\$5 an acre would be OK. if they sell

I make no charge. Eat dinner  
with Mattie et al PM

Still raining hard Alma and Reed  
not back. 5 PM I walk home and cook  
supper. 6 PM Alma and Reed arrive  
in the rain, wet to the skin with 6  
SIX FULL QTS of Blueberries



Aug 16-1927 Cont'd 10-136-28

Correction Continued

From Page 31 = .063601 W = 3°38½' W

✓ 2130.8 N gms W 135.53

2386.6 " " W 151.82

✓ 2493.6 " " W 158.56 ✓

2636.32 N. W 167.68 T.  $\frac{1}{4}$  Cor B. & 9-10

2640 " " W 167.91

✓ 2774.1 " " W 176.43

V 3100 " " W 197.16 ✓

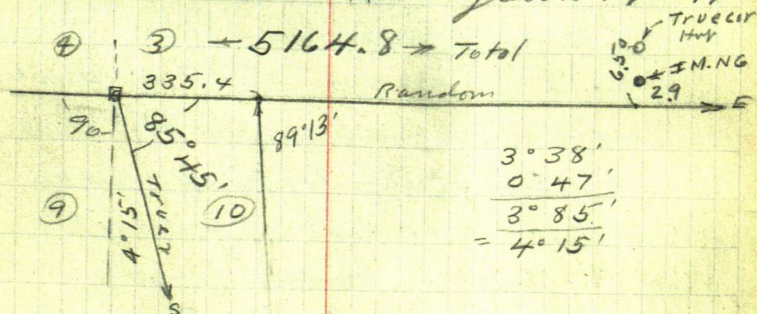
3954.5 N 9am W

Nat'l To correct Hub 3100 N. We will  
run West  $9^{\circ}30'S$  or  $S 80^{\circ}30'W$  on a picket  
line already set using random line  
as a meridian

9.30

$\sin 16505^\circ \times 200 = 33.015 = 3067.00 \text{ N.}$   
 $\cos 98629 \text{ into } 197.16 = 199.9$

Stake on Line @ 2989.2 N gausw 190.17



Nali; Leaving my E Kab for NW cor of sec 10  
and using my Hut @ NE cor as NW cor  
my correction would be  $6.5 \text{ ft in } 5164.8$   
 $= .001258 = 0^{\circ} 4\frac{1}{2}' \text{ N. for each foot E.}$   
Figure 10. Heavy Rain all day.

John W. Coo.



Aug 17-1927 Wed

Rain hard all day-- See B.B. Nelson at Jenkins  
Miss Dahl-Doris and Mary go to Beaminist

Aug 18-1927 Thursday

Alma washer at Ritchie river in AM.

Reed and I drive to the Little College  
on Pelican. Pick up John Erickson  
Toft driver Erickson's team while he  
goes with me. Erickson claims to  
know where the stone cement Block sets  
at Cor. 3-4-9-10-136-28. He says  
Jack Strofer drove also a long iron  
pipe at this corner and 8 years ago  
He-- Erickson built the present fence  
north from this corner.

Erickson shows me a old stump  
15" which he says was the old USBT  
this stump stands 100 ft. north and  
about 75 ft. 100 ft. East-- roughly

Still he claims the stone and iron  
are OK. Whitely used this old BT  
20 years ago.

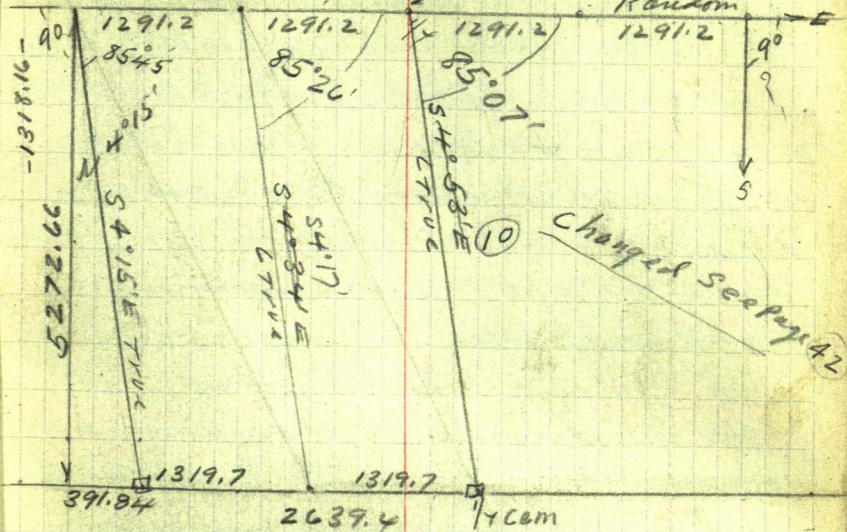
Halvar Halverson-- Erickson's  
Nephew-- is road drag man he says  
See Pg 37.



## 10-136-28 Pelican Lake

5164.8

2582.4

 $\frac{1}{4}$   
 $\angle 3.25^\circ N$ 
E-W-assumed  
Random

$$4^\circ 15' \text{ Tang} = .07431 \times 5273 = 391.84 \text{ FT}$$

$$\frac{1319.7}{1291.2} \\ 28.5'$$

$$5273 \div 28.5 \angle .005405 = 0.19'$$

$$\angle 1318.165$$

$$4) 5272.66$$

$$\begin{array}{r} 4^\circ 15' + 19' \\ \underline{19} \\ 4^\circ 34' + 19' \\ \underline{19} \\ 4^\circ 53' \end{array}$$

See Pg 36-42



37 Aug 18-1927 continued

he used to hit the cement block up to  
two years ago -- we fail to find much  
as we do not dig much.

Erickson - Reed and I drive half a  
mile E. where Erickson shows me  
a 15" green VP line plainly marked by  
US. Surveyors for the old US B.T. but it  
stands more west than south -- it  
checks 201.96 ft OK. with Knutson's I.M.  
Look this up later.

All drive back to Little Camp where  
I tell Sal to have Tipt & Taylor meet  
us this PM.

Reed and I drive back to Jenkins for  
dinner. Alma pays Mrs Ritchie 50¢  
for electricity and we eat dinner at home  
PM

Alma - Reed and I L. Jenkins 12-40 PM  
Ford working barn - drive to Cor

2-3-9-10. 136-28

where I find Taylor and Kivins waiting  
1-10 PM. where they cut line S. bet 9-10.  
90° to my random - Alma picks blueberries

Reed and I check chain the entire  
mile and find same OK. as shown on  
page 26.



aug 18-1927 Continued 10-136-28

38

Reed and I check chain

Reg at Cor 1: 2-3-10-11-136-28 Chain

West on my random 3-6-9-12+75=1275  
I.M. Then West 150-300-300-300  
 $= 1050 + 205.4 = 1255.4$  I.M.  $\frac{1}{4}$

From  $\frac{1}{4}$  Ch West 210 platy + 114.5 + 175.1  
 $+ 300 + 225. + 299.8 = 1324.4 =$  I.M.

West - 3-6-9- + 74.6 = 974.6 spike I.P.  
of random lines  $900 + 105 = 1005$  Red  
spike on brush of hill ch on. set p.

Work line out over spike 3.6 N and  
0.5 E of Knutson's I.M. and 6.5 N of my  
random BS West on flog set 6.5 N of  
random. Turn 90° to random and  
cut line 20- on random bet 10-11-

136-28- Has reads 6' 20' @ 3.6 I.M. set  
0.50 R. @ 6.5 Curm random @ about 300

Reed sets Hub 10 of marsh @ 4.30 PM

I ride a mile West with Taylor and  
Knutson and we dig and cut till 5 PM  
when they go for home - Reed finds  
his <sup>mother</sup> and comes for me later.

John W. Curo



Aug 19-1927 - Friday

Alma-Reed and I in Ford L<sup>1</sup> speaking  
6:45 AM. At Bill Hall Farm 7-15  
Taylor and his Ford with "Toft" Kirvan  
L<sup>1</sup> at once - we drive to Cor & near

3-4-9-10-136-28

where we begin at Hut 1005-3035

$$974.7 + 335.4 = 1310.1 \text{ W} =$$

East Hut in line with fence running N.

Page 29.

From Hut 1310.1 W which is the E  
East hut we dig up the whole North  
side of the road for a distance of 1x  
feet and find no stone or Iron

Nat<sup>1</sup>. This means that Knutson  
West  $\frac{1}{16}$  I M. on So side of sec 3. must  
be wrong as his line would fall 3.30 N of  
hut 1310.1 W in order to line up with  
his I M  $\frac{1}{16}$  Cor

Sal Marquis and his car comes  
about 9 AM - stays 30 minutes and  
drives off. We fill up and level up  
and pick all rough spots in  
the road. Reed drives over it a  
few times to make sure it is ok,  
and we drive a mile East and  
cut line at 10 AM



Alma Reed and took our lunch at  
Dr Fayman Farm  
P.M.

Bag at a pt  $\frac{1}{2}$  ft E. of Knutson's  
Iron Man Turn  $90^\circ$  to our random in  
10-11? South on random bet Rees  
9-10-136-28 U 6-20'

300 slabs 375 about 60 meadow 300 +  
171.7 = 471.7 Hub + 150 = 621.7 slabs  
+ 142.1 = 763.8 Hub under  $\pi$  + 100  
= 863.8 slabs + 211.5 = 1075.3 slabs  
+ 57.4 = 1132.7 Hub under  $\pi$  +  
66.3 = 1199. slabs 120 = 1319. + 45  
= 1364 old road NE-SW 1319 + 70.3 =  
1389.3 Hub 1319 + 76.8 = 1395.8

Leaving 9" SP line on line

From 1132.7 Reed deer a fine  
piece of engineers work picking  
a slit of a peak hole thro the rock  
pine line and I set a line of hubs  
2. 1389.3 + 169. = 1558.3 Hub +  
143.3 = 1701.6 Hub

Hub 1: The old-Old seawall of  
Pelican Lake used to be at about  
1515 ft so of sec on Hub 1558.3  
and 1701.6 are in old lake bed



41 AUG 19-1927 Ralph Little  
CONT'D 10-136-28

Hub 1701.6 Var reads  $5^{\circ} 45' E$   
1818 enter second seawall 1701.6 +  
180 = 1881.6 S. Hub on E of seawall  
about 1930 L.V. seawall enter Lake  
bed. Seawall runs NE-SW  
1881.6 + 300 = 2181.6 stake in lake  
bed + 58.1 = 2239.7 Hub on N  
edge of low seawall NE-SW  
2250 - so brink low seawall  
2350 enter cat tails - wet slimy  
sand 2250 + 250 = 2500 about

enter low water NE-SW Pelican Lake

Taylor and Kevin Quintal 5:00  
get to their car at 5-15 PM  
= 9. Hour. Reed and I work on  
Alma is some place near looking  
for Blue Berries. see

OS Notes Page 8. Notes say As true Line  
But Sec. 10-11-136-28 at 2790 Ls = 1841.40  
Feet Pelican Lake and set MC.

Black Pine  $8^{\circ} N 66^{\circ} E 452 = 298.30$  FT  
NP  $8^{\circ} N 15^{\circ} W 611 = 403.26$  FT

At Hub 1701.6 S Reed and  
I turn  $90^{\circ}$  and run East 111.00  
Feet E to Hub on line of all  
rotted fence posts N-S. L.V. 7-30  
Home 8

John W. Curo







43.

Changed - Refigured pg 36<sup>nd</sup> & 42  
on account of finding the 1<sup>st</sup> Cor N. Sec 10.  
So - we start the crew cutting line line  
South From N 1/4 Corner E on Random  
S 4° 17' E on True 1/4

From IM 1310.1 chain E 7.15 to  
1317.25 E then So 1.65 Hat True W 1/4  
Then S 4° 17' E along line 1/4 line  
4° 17' <sup>sun</sup> cor = 99721 miles 33. = 33.15 = 34.8 Hat.  
for NW Cor of Little's fence: 200 Hat 401.3  
Hat: 485 old road NW-SE - good old road  
500 stake on line Hat + 208.5 = 708.5 Hat  
25 ft W. of NW-SE road: Alma-Reed & I  
Walk back and bring our car in on the old  
road where we eat our lunch - the boys  
L for their dinner at 11:45 AM.

P.M.

The boys return @ 12:45 and we walk West  
to Shofar Lake. Sta 3" Pg 32  $\begin{array}{r} 3985.61 \\ 3954.50 \\ \hline 31.11 \end{array}$   
goes south parallel to random  
31.11 to pt 3954.50 N and 678.64  $\begin{array}{r} 678.64 \\ 251.52 \\ \hline 930.16 \end{array}$   
E. of random + 251.52 = 930.16 E  
of true line and pt for N 1/4 in Lake  
Tower Sta #3. Page 20 BS on Hat  
3150 N. S 37° 30' W and run South  
31.11 to pt 3954.50 N then set flag



Transit theodolite and set back shot  
 about 350 ft N  $\pi$  run Hut 31.11 BS N  
 and run East for nearly 6'30' about  
 0.0 at Hut 3100 N (Pg 32) bearing  $538^{\circ}29'1/2''$   
 west. Hut 31.11 is 3954.514 and 930.16  
 E of the N'16 Cor which falls in Lake  
 Shaper = N'16 bet 9-10-136-29

Alma mows brush. Run

East on random 1/6 line 935-Brink  
 of sea wall  $930.16 + 50.04 = 980.2$  Hut  
 on second bench  $+ 168.8 = 1149$ . Hut  
 on top  $+ 171 = 1320$  E Oak Hut 58.5  
 ft W of old road NW-SE

At 1149 Needle road  $8^{\circ}0' E$   
 Kirvin and Taylor will quit at 3.25  
 = 7. Hours

I give Taylor a bill of his time  
 34 Hours for time at cottage and  
 on fence line and on survey for the  
 week 34 Hours Total 25 Hours

Alma-Reed and I attempt to  
 drive to our survey line on N side of  
 Pelican via old road -- we get part  
 way to Ford at ditch in sand beach  
 and push  $\pi$  and dragging board etc  
 100 rods to line



1558.3  
53  
1505.3

45 Aug 20-1927 cont'd

Town Hub 1701.6 S Page 40.

Flag on Sea Wall in old fence post  
bearing S 44° 55' E 165.7 ft

Hub on sea wall South 180 ft

### Search For B.T. Stumps

From Hub 1558.3 S. Chain North 53 ft

Set Hub 1505.3 S. Town 1505.3 S

① NP Stump N:1 Bear N 67° 15' E 21.2

T. heart. Could have been any size. only  
heart 6' diam 2 ft H. left about 87.12"

② NP 87.12 originally Heart S 65° W

9.8 only the shell of the north side left

③ H 3. NP 87.12 S 72° 45' W 46: good prospect

④ NP 67.8 S 75° 35' W 47.3

⑤ NP 87.14 S 72° 05' W 36.2 only low Born

⑥ NP 15 N 5° 45' E 128.3 Chopped on S side

⑦ NP 12" N 82° 05' E 84.7

⑧ NP 107.14 S 66° 05' W 115.7 Good prospect

Town old fence post S 44° 55' E 165.7

BSN 44° 55' W 1. Flag @ Hub 1701.6

⑨ 12' WPN 67° 55' E 200.5

Lv @ 7.03 on car 7.20 Home 7.50

Aug 21-1927 Sunday: all day in Jenkins  
Alma Reed and I eat supper with Frank & Vivian  
Bryant -- Dwight, Mary Pick & Liz away all day.



6757

10-136-28  
Ralph Little

46

Aug 22<sup>nd</sup> 1927 Monday

Rained last evening. Alma-Reed & I  
in our Ford. Arrive Bill Hall Farm 7-20  
Hauled <sup>the</sup> "Toft" grind axes. As they broke  
their Ford yesterday they ride with us  
Lv @ 7-30. dinner Cor

2-3-10-11-136-28

walk 80 rods South T. over Hat 1319. S.

BS. Non random and cut line 90°

West on random  $\frac{1}{16}$  line this center of  
N. half. Sal Marguir arrives in his  
car via lake shore old road - stops 15 mts  
Checks his watch 2 minutes off @ 8-37  
AM my time then leaves

Taylor & Toft still cutting west  
Reed and I T. over Hat 1701.6 S. Chain  
South, (2790 Lks = 1841.40 Ft OS)

 $1701.6 + 139.80 = 1841.40$ 

T. over Hat 1841.40 S Turn 90° and go  
East 74.3 to stake on top of sea  
wall NE-SW Another stake bear  
S  $50^{\circ}50'E$  39.4. Van nearly  $6^{\circ}40'$

Walk back to car where Alma and  
Reed drive a mile west for water. The  
Boys arrive at noon and we all eat  
lunch.



Aug 22-1927 continued

PM 1841.4 into <sup>74.8</sup>~~74.3~~ = .04063

### Correction

1841.4 S - gain W 9.5 Then E 74.8 or E 74.3

1701.6 S - W 50 Then E 69.15 or 68.65 E

1505.3 S - gain W 50 Then E 61.15 or E 60.65

1320. S - gain W 50 Then E 53.63 or 53.13

Now corrected Hub 1841.40 S and  
74.3 E Chain 90' W 33. ft and set stake

for W side of old laid out road  
Focus on corrected Hub 53.13

Now reads 8' 45' run S 60' W along  
sea wall 60° = 30°

Cor = .0866 X 38.11 = 33.00 set stake on  
sea wall for W side of road.

Now 38.11 Focus north on flag set  
33 ft west of sec line and run a  
line of good hubs and tall stakes  
marked "Fence line" north and  
south from S 1/4 corner to Pelican  
Lake water's edge also a 2x36"  
pine hub on line sec line about  
300 or 400 ft S of MC.

Now MC, 12" WP stump bear  
N 69° E 248.2 to side of stump



old fence post line N-S - line East  
 45 feet. Scrub Jack Pine 7" diam  
 leaning bear N 74° E 299 ft. Old BT Stp  
 = 8" BP bear N 70° 12' E 298.3 ft 1/2 face  
 NP Stomp 8 N 15° W 403.26 ft

MC. Bt 10-11-136-28 Pelican Lake  
 New BTS. JP 14 N 51° 10' E 25.5 Feet  
 JP 5 S 53° 50' E 18.9 up and 43.0 to spot at base

Turned from line line on road 8' 45"  
 Cut hill out of the whole shore line brush  
 regular cross cross of long lines in  
 all directions. Taylor and Kevin quit  
 so as to get to my car by 5-30

= 9. Home. Alma Reed and I  
 stay till almost dark. At car 7-18.  
 Home 7-50 PM.



49

August 23-1927 Tues

Reed and I Lv @ 7.15 am on work 8-0 am  
Talyor and Toft Lv @ 7 and walk to work  
we find them cutting brush.

10 N 1/4 Cor But 10-11-136-29

at Hub 1319.5 Ch E @ 90° to random 53.13  
Then south 1 foot where we set a 2 1/4 x 16"  
iron pipe in E-W top of ridge - sticks  
2" up. B.T.S. - Course turned by eye  
11" JPN about 40° E 41.25 Spot above  
Twin JPN 6 and 8 5 Spot at Base  
S about 45° E 39.9 N of N wheel track trail

1 foot N of N wheel track old E-W Road

Set Hub and hill stake 33 ft  
west for fence corner

Walk south to rear wall and drive 2 1/4 x 38"  
pipe -- boiler tube for Tr-vc MC. But 10-11  
top of rear wall left 2" up. set in old stake  
hole -- old stake very much rotted in  
same hole - Pack & went to where  
the boys are cutting set Hub 1. ft so

Back right East on line 1/4 in

West line 1/4 in then north  
half of sec 10-136-28 run parallel to  
our random line along the north  
side - All stakes on line 300-600-56  
900 stake & old road N 80° S 80° E



1119. 9 Hub under T. 12 ft 50 of old E-W road  
 1200-1320- at 1400 we are about 125 ft of  
 small lake and about 100 ft of old E-W  
 crooked road 1500-1800- 1840 old road  
 NE-SW- Forks of 3. old roads about  
 50 ft NE where roads run E-W & W.

1884. 2 Hub under T. 2100-2400 on  
 line 11.30 am Kirwin walks to camp  
 for water and to have Sal Margulis  
 send out another brush cutter.

Taylor cuts a few feet then walks  
 E ast to get his lunch box

Reed and I walk north on old  
 road to car and drive to-

### Bay View Lodge

H.B. Wolfram + wife Prop. Tripler

Bumher 7 year own 209. Acres  
 includes fractional SE 1/4 sec

Drive back and eat lunch. Sol M  
 arrives @ 1.25 with Ira Bay  
 PM.

2400 + 180 = 2580 Hub on hill

2880 strom line + 108 = 2988. Hub +

208 = 3196. Hub 3325 to 3400 fork

2 end of meadow 3196. swing



51

10-136-28-

Chain 300 ft across deep revenue L  
 3496 stake in E side of big hill +  
 $122.5 = 3618.5$  Hub on E Bank of  
 Big hill.  $3618.5 + 117.5 = 3736$ . old rock  
 NW-SE  $3618.5 + 300 = 3618.5 + 185.3$   
 $3803.8$  <sup>W</sup> in line of random from  
 the north @ 1320.7 South

Chained from E & W random on  
 N side of sec 10-136-28

$3618.5 + 300 = 3918.5$  stake.

$3918.5 + 54.7 = 3973.2$  Hub on  
 West Bank - thence down hill

$3973.2 + 214.8 = 4188$ . Hub  
 on sea wall 44.5 ft so of

Sto 3 (Page 32) and 13.3 ft so  
 of Hub on bank Mtd 930.16 E

Page

Walk E & N Crew quit at 5.15

Reed and I work

at

$4188.00$   
 $930.10$   
 $5118.10$

@ Hub 708.55 Page

Chain South 300 to 1008.55 - 1308.5  
 $- 6.5 = 1302$ . S. in line of Random

at 1313. E Page

At  $1308.55 + 12.2 = 1320.7$  S  
 in line of random at 3803.8 W



Aug 23-1927 Could Ralph Little 52  
Ht IPHut we are 18.82 of our  
random at 1313, E

Tower Hut at IA 3803.8W x, 1820.7 S  
NE angle of random lines reads  
94°18' This checks within 0°01'  
Per Page 42.

Assuming my random at this  
point as  $\pm$  w parallel with random  
80 rods with the course looking  
North on my random reads 4°17'  
and at this pt 4°18' Close Check  
Per Page 42

Quit at 6:30 and walk half a  
mile East to the car. Lv Jug at  
Bay View Lodge - Lv scythe and boys  
lunch box at Bill Halls - Drive to  
Sal Marquis Cottage 2 1/2 miles so of  
Breezy Point Tell Sal to  
have Little Leow his check for me.  
8/25. with Sal tomorrow before he  
goes to mpls. Lv Sal @ 7.20  
on Jenkins 7:40. Cold night  
Earl Schultze calls.



53

Ralph Little 10-136-28

August 24-1927 Wed

Bill

I make out my bill viz:

Jenkins Mirm Aug 24-1927

Ralph Little &amp; Co To John W Curo - Dr

Engineer Work: Survey Sec 10-136-28

Total \$125.00

Received payment Aug 24-1926

John W. Curo

Alma Reed and I in Ford Lr

7 am. Find Ray Peterson of Pillager  
and a helper making cement pillars  
for Little's entrance. Sal corner and I  
hand him the above billKiwin & Taylor have been here since 7 am  
and sal sends them with Reed and I  
to correct line bet 9-10-136-28 Page 31-33.Walk north and correct all points checked  
✓ page 31-33. set 2"x6" 9p stakes at  
all corrected points - north "Sec Line."-Curo" get this to south side of Shaper Lk  
then all walk so to Car where we find

Alma 11-35 am with check sal has.

-did her viz: Payment Mirm 8/24-1927

Fairness State Bank - John W Curo 8/25

R W Little

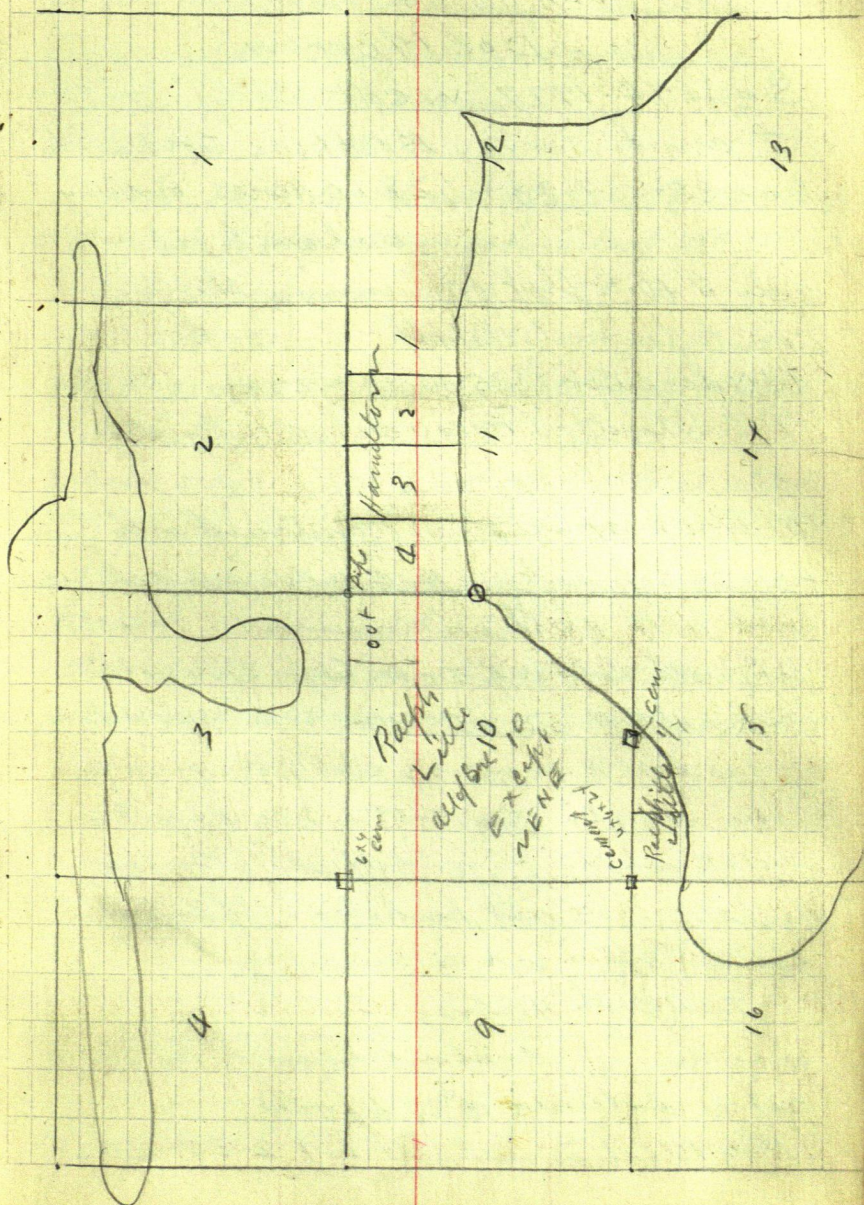
Sol Marquis



10-136-28 Ralph Little

54

home to Jenkins for dinner PM.





Bet Secs 35-36-137-29

"Doc" Morrow

Sept 14-1927 wed

I am to survey East Line Govt Lot 1.  
Sec 35-137-29 = 28.60 Acres owned by  
and am to get  
only \$ 10.00 flat for running this line  
Doc to furnish the help.

US Notes: Cor To 35-36-137-29 on  
9<sup>th</sup> Standard Parallel. US Notes call for

I find a 2x48" Iron Monument with  
4 inch cap set in E and W graded  
road with 4 witness monuments 2x48"  
pipes with Oblong Iron Caps 3 1/4 x 4 3/4"  
oval set N45°E 45° - N45°W 45° - S45°W 45°  
and S45°E 45° previously established by me for  
Crown Wing Co May 17-1921 see Page 92  
Field Book No. - mtd Ninth Standard  
Parallel" I set pickup at this I m  
and find all 4 w.t. monuments

Talk With Hilding

also Mr Knutson who sold the Morrow  
Lot to Sallburg @ \$25 an acre

Mrs Knutson will sell Lot 2-35-137-29



@ 100 an acre 36<sup>25</sup> acres @ 8100 = 83.625<sup>00</sup>

As Doc Morrow is out fishing I come home for dinner and get Alma who is washing our clothes at Pálchic's house

PM

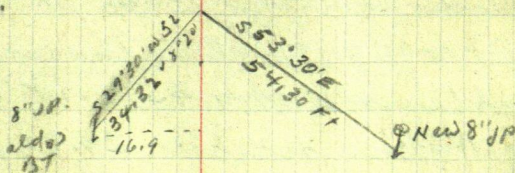
US Natic Say: North bet 35-36-137-29 u 10-20' @ 1544 Links to shore of Hoy Lake and set M.C. 1019.04

BP8S 29°30'W 52 Lks - 34.32 Ft OK

BP8S 36°30'E 21 " 13.86 Ft out by road

See Page 5 and 14 - my old field book of what Ninth Standard Parallel of Jan 31-1921 which says We find the SW tree standing green - plainly marked from which we set a 2x20" stake in snow on sand beach for true M.C. @ 8°20' and mark one

New B.T. by Jack Pine 8S 53°30'E 54.30 ft @ 8°20' The old SE BT is here but uprooted and cannot be used. See Page 14 old Book Jan 31-1921.



$$29°30' \text{ Sin } 49242 \times 34.32 = 16.90 \text{ W}$$

$$87036 \times 34.32 = 29.87 \text{ S}$$



57 Doc Morrow

③

34.2

Alma and I in Ford L. Jenkins 1-30  
PM and drive to Doc Morrow's Doc and  
I find stump of old SW US BT standing  
4 ft hi plainly marked Turn 90° with  
celluloid triangle and chain East  
16.9 ft set picket on true N-S-line  
then cut out small trees along W  
side of old fence running so

Doc takes a lady to meet the  
Bus and comes back Thence  
By @ True Cor IM at 35-36  
137-29 Chain along Has just set  
@ 180 Hat: 189.3 Hat 300 stake  
600 stake 640.05 Hat near  $\pi$   
667.05 N. Hat: 879.55 small  
Hat 900- 993.35 Hat

Face of BT Mark bears 15.45 W and  
0.55 of a foot so: At 992.80 N Face of  
BT marker bears W at 15.45 ft and point  
where N and S. True line passes old BT  
stump bears East 1.45 East where we  
set a Hat in side hill 29.87 ft so of  
M.C. At 993.35 + 34.2 = 1027.55 N  
Set stake in sand 3 ft so of wall  
At 992.80 + 29.87 = 1022.67 N Pt ft  
True M.C. Set East







59

OF Doc  
Morrow

⑤

Lat 1-35  
137-29 E. line

Sept 15-1927 Thurs

Alma and I L. Jenkins in old Ford @

9.30 A.M. and go to Doc Morrow Resort

Correct Line Bet 35-36-137-29 as on p. 7

58. Ht Corrected Ht 992.80 Chain on true line

North 29.87 T. 1022.67 N and set 2x26"

Pipe in sand about 15 ft N of seawall

True M.C. over a foot SW of old fence post

My Old New BT = JP 8° 54' 35" E 55.00

Ft to old spot at base Spot New BT

= JP 10° 51' 52" W 59.90 to 10<sup>th</sup> nail in<sup>turned from true line</sup> small spot at base. Old US BT

stands behind a Fish House and I

cannot see it Ht Corrected Ht

640.05 N set 1x12" green JP Ht

BTS, 10" Tel Pale N 61° 35' E 8.62 Ft

Oak 5 N 39° 54' W 20.90 to spot at base

Cem NW Cor Holding Morrison's Ho

582° 12' E 51.35 ft Turned from true

line. Chained by Doc and I.  $\frac{1}{2}$  over

640.05 right so on line I m and

Rake in the line Doc setting green

short bath about every hundred ft

Rake in line 150 ft North. Home to dinner

Note: Doc hands me \$10. in cash payment in

full and I give him a receipt



Finch

①

Rosenfield

60

Pequot

Minn

Sept 10-1927.

Alma-Reed and John W Curo  
at Pequot running Levels for the  
Village.

Mrs Anna R Finch wife of William  
V. S. Finch Bought Lots 6 and 7.  
Block 4. Schrader's Addition  
To Pequot From August

Schmidt and Johanna Schmidt hus-  
band and wife

Mrs Finch "may buy Lot 5" Blk 4.

Note: Dr Rosenfield owns Lot 8  
Blk 4 and Mrs Finch wants the  
line run bet Lots 7 and 8 as she  
thinks Rosenfield has his fence "a  
foot over" onto her land

She agrees to pay me \$15. for  
staking Lots 5-6-7. Blk 4.

Later: I arrange with Dr  
Rosenfield to survey his Lots 8 and  
15. Blk 4. I am to lay out a Tennis  
Court on Lot 15 and will get \$20. from  
"Doc". Note: Geo Newman owes Doc  
\$20. and I owe Geo \$20. on Preston



61.

2

Newman's account so I will just turn  
the account Geo Newman agrees to help  
me.

Sept 7 1927

Alma and I take Esther and Geo  
Newman to Pequot -- "Doc" says go  
ahead and stake out his Lots 8-15  
Rt 4 Schaefer's Add. -- That Newman  
can pay me and he will receipt New-  
man in full -- as I own Newman the  
Twenty Bucks all will be paid O.K.

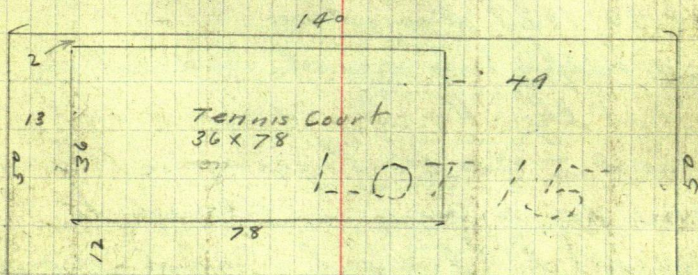
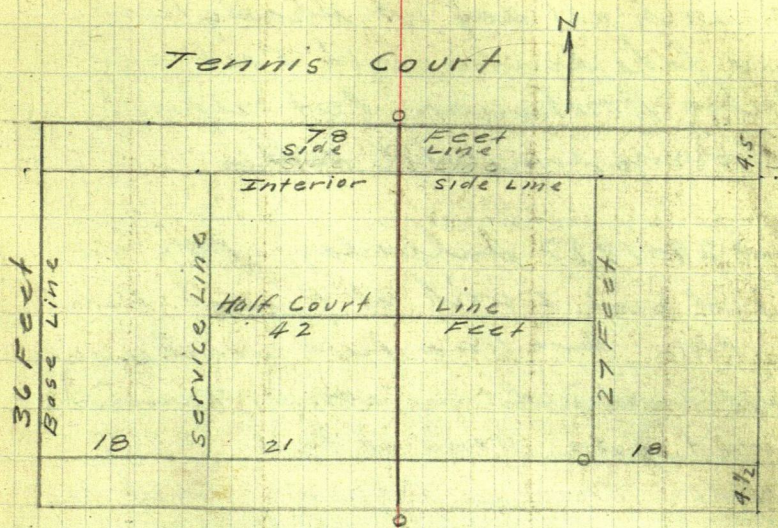
Oct

Alma, Reed and I go to Pequot where  
I meet Mr

Oct 27 1927 Thursday

I call Geo Newman then Alma & I  
drive out and get him and we  
drive to Pequot and dig up all of  
the old stakes on E side of Rt 4  
and along the E side of alley -- we  
see some of them. Geo and I drive  
home to Jenkins for dinner and back in  
pm. work till 5 PM and I take  
Geo home  
John W Carr







Oct 28-1927 Friday

I work all day at Shady Rest  
and take dinner with Pet and  
Julia Howkenson. Pet helps me  
I borrow some white slacks.

Oct 29-1927 Saturday PM.

Reed and I work at Pequot-Rain  
in PM. Doc Rosenfield watches us  
and instructs me about Tennis  
Court gets Home at dark.

Nat. This is Alma's 'last day'  
to sell baked beans, etc.

Oct 30-1927 Sunday

Reed helps his mother build a  
fire at the Union Church and  
he and I L. for Pequot at 10:20 AM.  
Home for dinner and back to  
Pequot till dark. Cold - rain  
cloudy. Home late and find Alma  
gone and a note on the table.







October 31-1927 Monday

Reed and I batching - We learn that Alma went to Backus yesterday with Mr and Mrs O'Zear?

I take Reed to school. Write letters bring Geo Newman and Reed home to dinner P.M. I take Reed to school Newman helps me on the Rosenfield lot survey. We re-chain and re-check all measurements and find them all perfect. We set  $2 \times 2 \times 2 \times$  inch white stakes driven low at all true lot corners.

Note: When Newman and I were here on Oct 27-1927 we found the old  $2 \times 2$  stake and lock pointed out by Dr Rosenfield at NW Cor Lot 15 Blk 4 Schraders Add. - also all of the old stakes up the alley which checked perfect for distance and course to NW Cor Lot 22 and we also found old stakes at SE and NE Cors of Lot 15 and old stake holes north to NE Cor Lot 22. Reed & I find all old stakes on W end of lots 5-6-7 except SW Cor of Lot 7.

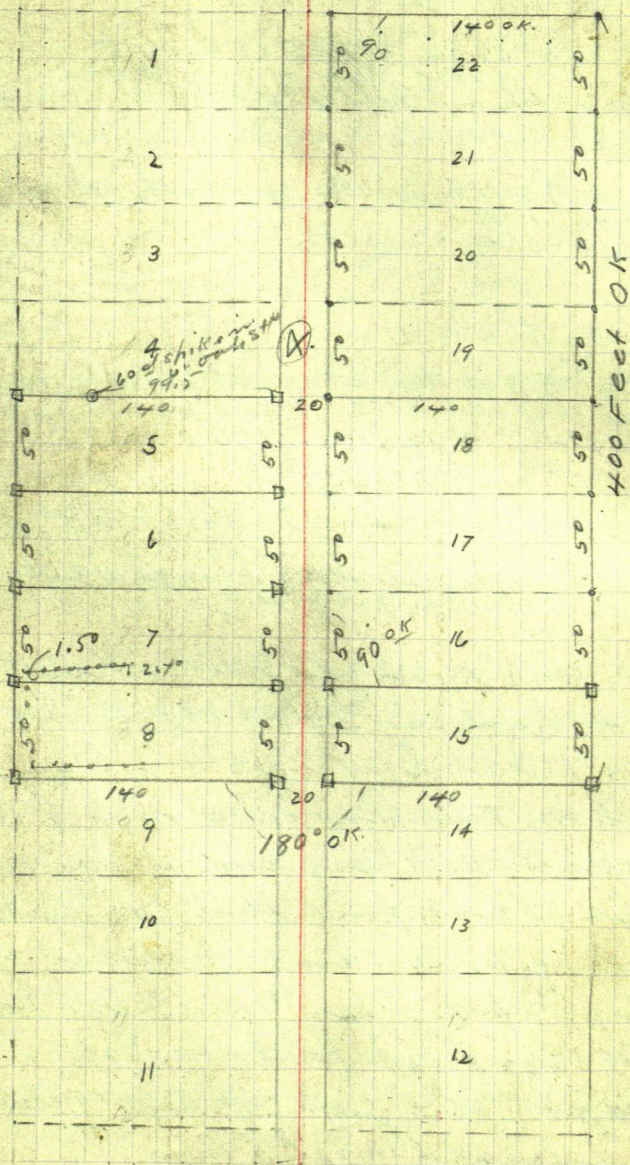
John W Curo



Pegut ②

66

# Schrader's Addition





67

Pegvot  
 ⑧ Schraders add  
 Ties

Lots 14-15 = NW Cor 14 Bk 4  
 JP 10N 24°35'E 24.58 Tel Pile 8'x 28'42"W 43.97  
 NP 15S 71°05'W 39.26 JP 7S 35°22'E 11.05  
 To flat spot at base Turned from line line  
 alst 2x2 stake and lock for Cor Reed & I Oct 29.

Lots 18-19 = NW Cor 18 alst stake = E side alley  
 JP 8N 64°10'E  
 JP 6S 12°55'E

Lots 4-5 - Bk 4 viz

NE Cor 5 set new 2x2x24" white stake  
 driven thro alst stake Chain over on line  
 line bet 4-5 @ 99.5 drive 60 d spike in  
 green 6" oak stump on line bet 4-5 and

At NW Cor Lot 5 set 2x2x24" white stake  
 thro alst stake hole Oak 4N 0600 + 80°E 5.18  
 JP 10S " 45E 18.68  
 To lock in flat spot at base

Nate With T over alst stake at NW Cor  
 Lot 14. Reed and I (Oct 29) Focus  
 v. on alst stake at NW Cor Lot 22 run  
 North on true line on E side of Alley  
 Chain to a cat hair and drive new  
 stakes -- and find that our stakes  
 drive exactly thro alst rotten stakes  
 under the leaves OK at all points  
 We also find that the lots line  
 straight 300 feet E & W over  
 the alley and angles turn 90° OK.



Oct 31-1927 Contd

Nat on Oct 29- Reed and Herz & I set  $\pi$  over NW Cor Lot 14 - BS E on NE Cor 14. Traunt tel and run West

West on line @ 20 FT set  $2 \times 2 \times 2 \times$  pin stake pointed white nail in top driven its full length in the ground - True E Cor Lot 8-9 Continue

West on True line bet 8-9 set line of small stakes and @ 140 ft from ally set  $2 \times 2 \times 2 \times$  - new stake & tack True SW Cor Lot 8 Bet 8-9 - 1.45 and 2.3 ft W of outside of SW Cor part of Doc's fence

Geo and I with  $\pi$  over NW Cor Lot 5 Focus S on NW Cor Lot 9 from which we chain perfect PBC every 50 ft and set  $2 \times 2 \times 2 \times$  "stakes for line lot corner = West end of Lot 5 to 8 both inc

At NW Cor Lot 8- Doc's NW Cor part of fence sets 1.5 N and 0.70 E to outside of post Fence runs Ely north-easterly 41.7 feet to a point 2.4 ft N of line and 98 ft W of NE Cor Lot 8. SP 8" on line 72.5 W of NE Cor Lot 8- To tack in spot on E side of line



69

Pegout

Secs 10-11-14-15

136-29

BP12S54E24

10-11-14-15-

" 10S85W38

NP16N32E14

" 17N71W110 = 72.6 ft = 25' N

East random bet 10-15 var 10°30'

2190 Lv Lake set MC NP11S74E46 =

40. Temp 1/4: 5950 Leech Lake Road

bears N-S. 7912 = Cor 10-11-14-15

West on True Line bet 10-15 V 10°30'

3956 Set 1/4 Cor BP10N47E23

7912 Cor in Lake - On ice

Nov 1-1927 Tues

Reed and I still batching. Victor E  
Nelson of Litchfield is visiting Dwight  
I take Reed to school



<sup>m.</sup>  
Dr W.C. Naegeli

March 29-1929 I receive a letter from Dr Wm C. Naegeli (Dentist) 1501 Glenwood Ave Mpls asking me to meet him in Sanderlin Minn Saturday April 13-1929

On April 13-1929 I write Naegeli that I will be glad to meet him on date above

April 12-1929 I receive a long distance call from Dr Naegeli postponing our meeting  
I promise to call on him at Mpls

April 21-1929 Sunday  
Bert Michener and his Ford Coup drives me to St Paul

April 21-1929 Michener and I at St Paul and Minneapolis to see Midwest Holding Co to get \$481.35 plus about \$11. for Anderson Lbr Co of Pine River for stake lumber and paint etc. also see Mr Keith at 342-344 Minn St St Paul and John A. Mansfield at 701 Thorpe Bldg Mpls - He may move to 723 Marquette - Receiver - Shadywood Shores etc

April 22-1929 we see them

April 23-1929 Tuesday  
5 PM I call on Dr Naegeli at his office 1501 Glenwood Ave Mpls I meet Dr Geo L Kline Dentist 3402 Univ Ave SE Tel Dinsmore 2157  
Kline's RES is 135 SE Bedford Tel Dins 1014  
I also meet Dr R.W. Ackley.

① Dr Wm C. Naegeli 3

② Dr Geo L. Kline 1

③ Dr R.W. Ackley 1

N. Star Woolen Mills

④ Earl Hodel 1

⑤ Malcolm Lindsey 1

⑥ Lorin Brooks 1

Dr Kline's Friend

⑦ Geo Ryan Mpls 1

Friend of Lindsey

⑧ Kemper 1

10. Shares



②

Naegeli

74

Dr Naegeli and Others

Gov Lots 3-2-<sup>nd</sup> all of Lot 1. except 14

North 40 Rods Sec 9-137-28

April 23-1929 continued

Deed

I copy deed viz dated Feb 18-1929  
US via Dwight F. Davis Sec of War  
1st part

To Geo L. Kline of Mpls 2nd party  
(Sec 5 Act of Congress 1902)

8,500. All of Lots 2 and 3 Sec 9-137-28. 5pm  
= 102.73 acres

N2 93193 Book 66. Pg 325  
also

Lot 1. except the North 40 Rods

Note: I am to survey this land - May make 30.  
equal size lots To be draw or selected in  
10 shares

May try it platted into 150 foot Lots

Hank Oberbilling PR PO.

core taken at St Thomas Camp may  
help me. Elvin Johnson the girl at  
the office engaged to marry

of Brainerd re.

I will get my regular \$90 a week & Exp  
Dr Naegeli gives me a letter to Hank  
Oberbilling Pine River PO. stating I am  
to have use of Naegeli Cottage at St Thomas  
camp. Dr Kline drives me home to

2621 Nicollet Ave where I stay over  
nite

Note: In AM I meet Jim Clancy comm'r  
public safety room 214 Ct Ho St Paul  
who owns part interest with Dr Naegeli  
and others in

St Thomas Camp.

clancy may have me survey this later  
clancy gives me a blue print of same

John W. Cuno



April 26-1929 Friday

AM I look up field notes of a dozen old surveys and in PM

I and Alma drive to St Thomas Camp where I hand Hank Oberbilling his letter and he shows us the Naegeli cottage which I may occupy

Hank shows me points of recent surveys we walk to cor

3-4-9-10-137-28

where I find 2 stakes and a number of old and new lines and new BTS rec

Back to car and start home @ 5-30

Over nite at home in Jenkins

One day for I and my car

1/2 " " Oberbilling

April 27-1929 Saturday at Jenkins

April 28 " Sunday " "

April 29-1929 Monday

All am mapping up previous surveys of the Naegeli land

PM

I and my car with Earl Scholtze check US BTS and old lines Cut line

West bet Sees 3 and 10

Note:-

As the Lake shore has washed off all US. marks it will be

Necessary to run a line of

sect 10-137-28 Extended West

West Bet Sees 4-9-

We may have to run South

South bet Sees 3 and 4-137-28

Extended

South bet Sees 9 and 10 To the lake

in order to get line line

One day for I and my car

1/2 day for Scholtze Rev Downey about house

Jahn W Cocco



April 30-1929 Tuesday

Cloudy - Light Rain

Copy US. Notes

South True Line Bet 2-3-V 10 1/2° E

YP 20 N 71° E 52

4000 Set 1/4 Cor W 13 6 N 80 1/4 W 25

8000 Cor 2-3-10-11-137-28

YP 16 N 76 1/2° E 23

YP 12 S 49° E 9

YP 18 N 45 3/4° W 22

YP 10 S 51 1/4° W 26

East Bet 2-11-137-28 V 10 1/2° E

WP 18 N 29° E 83

4000 Set 1/4 YP 18 S 50° E 11

WP 8 N 44 1/2° W 28

5889 MC W Side Trout Lk " 8 S 27° W 36

South Bet 10-11-137-28 V 10° 30' E

Red Cedar 10 S 65° E 84

3753 MC N. Side Whiffish Hol Pine 8 N 53° W 84

South True Line Bet 3-4-137-28 Var 10 1/2° E

HSP 6 N 20° E 12 Run on Ice

700 MC N. Side Lk " 4 N 60° W 15

JP 8 S 12° W 15

3560 MC S. Side of Lk " 10 S 60° E 8

WP 8 N 75° W 23

4000 - 1/4 " 4 S 85° E 9

8000 Cor 3-4-9-10-137-28

WP 24 N 68° E 102

WP 26 N 82° W 38

" 24 S 12° E 158

" 24 S 54° W 103

East Random Bet 3-10 Var 10° 30' E

8008 intersect 10 Lks So of 2-3-10-11

West True Line Var 10° 34' E

W Birch 7 S 31° W 34

4004 - 1/4 Bet 3-11-Red Oak 7 N 39° E 11

8008 Cor 3-4-9-10-137-28



77.

5 Dr Wm C Naegeli  
and Co

April 30-1929 Continued

US Notes- 137-28 Continued

South True Line Bet 9-10 V  $10^{\circ}30'E$

2032 Set MC N. Side Whitefish Lake

YP 20 N 60 E 119

YP 24 N 77 W 117

West True Line Bet 4-9 V  $10^{\circ}30'E$

2593 Set MC E Side of Upper Whitefish Lk

(YP 20 N 60 E) WP 5 N 35 E 63

Hard P 7 S 68 E 64

South True Line Bet 4-5 V  $10\frac{1}{2}E$

JP 8 N 48 W 12

2565 MC N Side WFL "10 N 84  $\frac{1}{2}E$  39

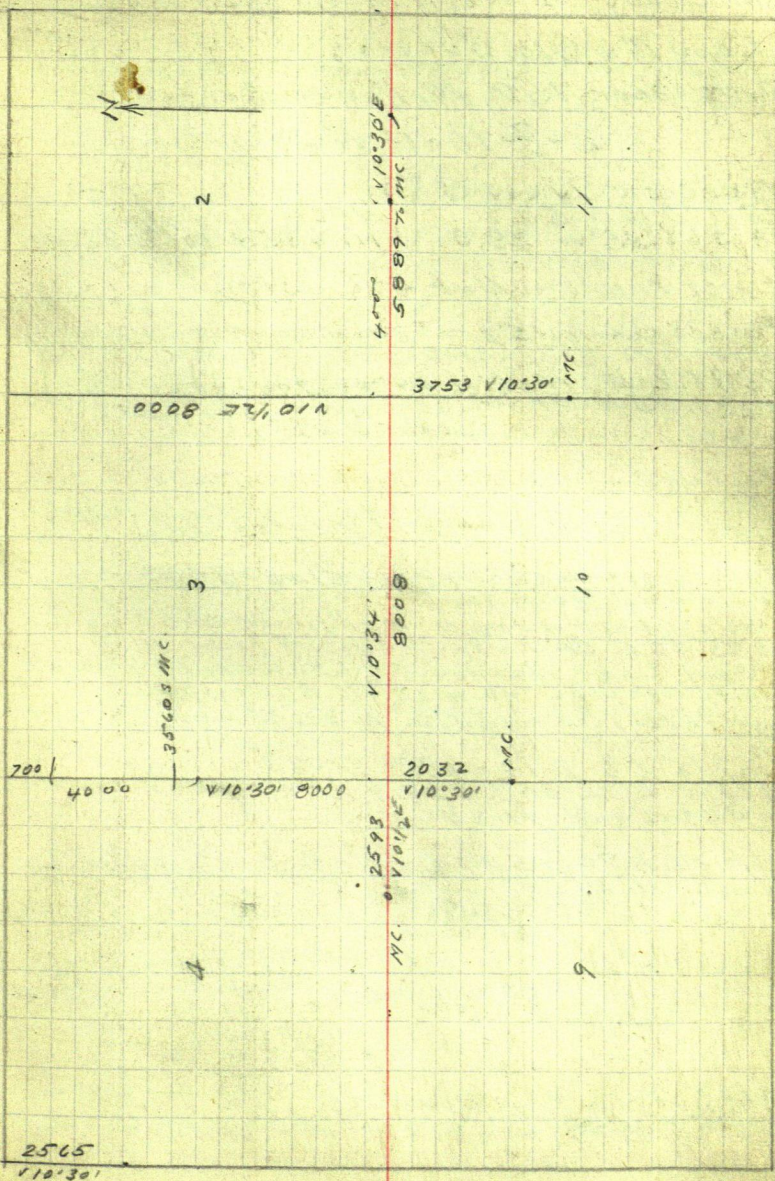
Note: Copied From Book D. US Notes <sup>P 302</sup> T. 305-



Old Notes  
US Survey

⑥

137-28 US SVY













May 1-1929 Continued

Old Notes

1-2-11-12-137-29 Old Notes

Pg 48 Book 159 Feb 8-1922

"Sam Schultze and I take bearings of Trout Lake Narrows viz

X over Cor 1-2-11-12-137-28

Look West, (or North - I do not remember)

North I think as Meridian

8" Elm with 3 Notches in SW side and standing on Brink 35 ft NE of pt of land bears S 69° 55' E 352.10 ft Rough chain  
 6" Oak 3 Notches on NW side 6 ft NE of Brink bears S 64° 38' E 389.70 Rough chain  
 Note: The 6" Oak we call SE Cor of

Bridge Site

The 8" Elm NE Cor bridge site

old stump roots S 65° 10' E 354.3 ft. at Brink

Note: Another better stump stands about 6 ft south. S 13° 05' E 298.20 Rough chain

to North Post of Sign Board on West pt of land at Narrows 10 ft W. of Point for West end of New Bridge Site John W. Caro

Ties Sec 2-11-137-28

Page 51 Book 159 Feb 9-1922

"At Hub 3287.85 E but Sec 2-11-137-28

Bob and Sam take ties to hotel Pt on

Random line

Maple 7 N about 60° E 16.70 ft "

Elm 7 S 50° E 24.05 "

King Survey - Old Notes

Note: For Sec 2-3-137-28

Ideal Two road in sec 2 - See Book N 34

Page 14 - 19 June 5-6-1925 Caro

I gives 2618.43 + 2618.43 = 5236.86  
 Straight Line Bet 2-3-137-28

1/4 Cor Bet 2-3-137-28

Pop 6 N 45 W 23.90 NP 12 S 10 W 32.15

" 45 50 E 22.90 " 85 75 E 67.00

Note: Old stump N. about 75° E 70.10

Pg 36 Book 34 - June 11-1925 John W. Caro



①

Dr Noegel

Lots 1-2-3-

see 9-137-28

82

May 18-1929 Saturday

Reed Curo and my Ford car takes  
 Earl Schultze- Transitman and Bernard  
 "Dutch" Benson and all 3 lunches  
 L. Jenkins @ 9-AM and drives to Cor

2-3-10-11-137-28 continue

West bet 3-10 cut line and  
 return L. Jenkins 6-30 PM

May 19-1929 Sunday at Jenkins

May 20-1929 Monday

Earl Schultze and his car takes  
 Bernard Benson and their lunch  
 and drives to St Thomas camp cuts line  
 West bet 3-10-137-28  
 Work 8 AM to 6 PM.

May 21-1929 <sup>Tues</sup> Tuesday I and my car take Mike  
 Schultze - go to Pequot grind axes  
 and scythe eat dinner at my house  
 PM. we drive E. and hunt vs. B.T.S.  
 Meet Hank Oberbiller and Adna  
 Vask who promise to help us tomorrow  
 home late

John W. Cress



May 22-1929 Wed

I and my car L. early. Adna Volk hits my tail light at Thompson Creek. I meet Frank Brodt who says I may use his 100 ft steel tape. Earl and I get tape and @ 8-am find Henry Oberbillig and Adna Volk waiting.

2-3-10-11-137-28

Went bet 3-10 - on cut out line with and Oberbillig walk  $3\frac{1}{4}$  mil. west and Cal's last 80 rods of line

Earl and I 300 ft ch Guley K & P B at West Bet 3-10-

@ 290.5 Hub + 9.50 = 300 stake 290.5 + 58.5 = 349.0 = 2 main road N-SW  
300-600 stake 622.6 Hub

@ 643.2 old stake mhd Lot 1. 1/2 N 0.10 7 foot  
@ 840 W main road line south 40 ft  
900 stake @ 1050 T. 1150 W - main road  
1125 south 25 feet 1200 stake  
1215.7 W old wagon road W-S-75 ft NW  
main road @ 1250 West. We are in line  
with short piece of main road south  
1289.9 W. Hub Old stake mhd Lot 1-2  
1500 stake + 239.9 = 1739.9 Hub  
1762 old wagon road NW-SE  
1800 stake 2100 sth 2320.4 Hub  
2400 stake

Schultz and I walk to dinner and wait for Hank and Volk

Note: In order to get line thru Oberbillig and Volk work till 1 PM  
all eat dinner with Mrs Oberbillig

Noli: This is my first meal with pleibilly

John W Carr



# Time Sheet for Noegeli Survey

	23	26	27	30	May 1	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1929 April																			
TK 8815 X200	AM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM	1/2 PM
John W. Guro																			
Curo Photo																			
Expense																			
Reed Guro																			
TK																			
Schultz																			
Bernard an																			
Benson																			
Schultz																			
Car																			
Henry																			
Oberbilly																			
Adria																			
VolK																			
Dr Noegeli																			
Cor/Naegeli																			
George Smith																			

Time Sheet Page 84-120-142-  
Continued On Page 120 This Book







Dr Naegeli's Sets <sup>13</sup> 9-137-28

86

May 24-1929 Friday

I and my car with Earl Schultz  
L. Jenkins. Check our dinner call on  
Hank Oberbelling @ 10-40 AM arrange  
for dinner and go to Cor

3-4-9-10-137-28

US Notes call for stakes and BTS viz

White Pine	24 N 68 E	102	LKS =	67.32 Feet
"	26 N 82 W	39	" =	25.98 "
"	24 S 12 E	158	" =	104.28 "
"	24 S 54 W	103	" =	67.98 "

Dinner with Oberbelling

We find the stumps of NW and NE lines  
not marked. also  
Tall stub of SW T-ee plainly marked and  
stump of SE line plainly marked

All stumps check perfect to a tach  
driven in the top of the old stakes

T. over True Cor 3-4-9-10-137-28  
BS. East on TRUE LINE

old Stump VS BT. N 86° 20' E 67.32 Feet Not marked

" " " " N 82° 45' W 25.08 " " "

" tall Stob " " S 52° 10' W 67.98 " T. BT. MKD

" Stump " " S 12° 30' E 104.28 Two BT Marks " old & New

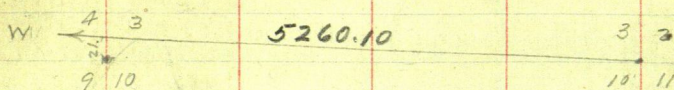
New Bearings

From Pipe	N 42° 48' W	9.00
W Pine 14	N 45° 10' W	53.80 To new spat
W Pine 15	S 45° 40' W	65.47 at base

I mark Pop 6 S 63° 25' E 52.40 spat at base



(14) Lots 1-2-3-  
Sec 9-137-28



Correction =

$$5260.10 / 21.00 = .003992 = 0'14' \text{ about}$$

Sta.	W. Goes	South	Feet
5260.10	"	21.00	"
5109.00	"	20.39	"
5100.00	"	"	"
4800.00	"	"	"
4554.10	"	18.18	"
4500.00	"	"	"
4200.00	"	"	"
3945.07	"	15.75	To W 1/16
3900.00	"	"	"
3767.10	"	"	"
3600.00	"	"	"
3300.00	"	"	"
3000.00	"	"	"
2500.00	"	"	"
2685.90	"	"	"
2630.05	"	10.50	Old US BtG gone To 1/4 Cor Bct 3-10
24	"	"	"
2320.40	"	"	"
21	"	"	"
18	"	"	"
1739.90	"	"	"
15	"	"	"
1315.02	"	5.25	To E 1/16
1298.9	"	"	"
12	"	"	"
9	"	"	"
643.20	"	"	"
622.60	"	"	"
6	"	"	"
3	"	"	"
290.50	"	"	"
00.00	"	"	"



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## Board Sheet - With Mrs Henry (Mable) Oberbiller

1929-April-May	Sun										Meals
	22	23	24	25	26	27	28	29	30	31	
John V. Curo	D	-	0	0	0	0	0	0	0	0	7
James Reed Curo	-	-	-	0	0	0	-	-	0	-	3
Earl Schultze	0	-	0	0	0	0	0	0	0	-	7
Geo Smith	-	-	-	-	-	0	-	-	-	-	1
											18 meals

Continued On Page 122. This Book



May 25-1929 Saturday

I and my For Cor with James Reed Curo  
and Earl "Mike" Schultze Lv Jenkins  
@ 8.30 AM. @ 9-37 AM call at Oberbilly  
Cottage and ask them to prepare us a lunch  
at 12-30 PM. Then drive West where  
I check my notes while "Mike" and Reed  
cut line. We cut various lines and @  
12-30 PM all three eat dinner at Oberbilly  
PM.

X over Cor 3-4-9-10-137-28.

Focus E on line line on Hut 5109 corrected  
Extend N Line of Sec 10 - West 15 ft  
Set hut 15 ft around creek piles

X over Hut 15 ft W of Cor 3-4-9-10

Turn 90° and run

South on random Bet 9-10-137-28

@ 166.3 Hut 466.3 stake on line + 193.7  
= 660 So set Hut 15 ft W and 660 So of  
Cor 3-4-9-10 -

Cor 3-4-9-10-137-28 Run

West - Bet 4-9 - N Bldg 10 - extended  
15.00 with Hut 300 stake 460.7 Hut 600 sth  
900 stake + 51.9 = 951.9. Hut 1025 Foot  
of Big hill now SE 951.9 + 272.5 = 1224.4  
Hut on top of Big Hill

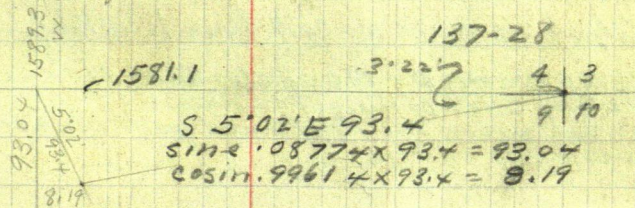


1224.4 + 115.6 = 1340. Stake foot of Big  
hill 1350 enter shallow water of onceflow  
1440 L. Onceflow enter sand flat  
1460 Sand flat 2 ft above water  
1515 L. flat enter East edge timber  
ridge N-S. 1550 top of ridge 6 ft  
Pine thicket 25 ft. Left 6 x 10' narrow  
small Birch on the right

1340 + 249.3 = 1589.3. Hub on ridge  
6 ft above water 1595 West edge  
of sea wall, enter sand beach N-S  
1340 + 287 = 1627 enter water's edge  
White Fish Lake

$\pi$  over 1589.30 West

2" iron pipe sets  $S 5^{\circ} 02' E$  93.4



1581.1 W I M. Set South 93.04

1581.1 93.4 = .05885 =  $3^{\circ} 22'$  Tang

$3^{\circ} 22'$

sin .05873 x

cosin .99827 x 160 = 161.14

Work till dark - Meet Dr. Nagel and his car  
N of Pine River Bridge. Home in Jenkins 2:12 PM



May 26-1929 Sunday

I-Reed and Earl "Mike" Schultze in my old Ford Get 6 gals gas 1 qt oil at Sotac Sta.  
 Lr Jenkins 8.20 Hr Oberbiling cottage @ 9.05 AM. Dr Naegeli and his brother Carl are out on the Whitefish Lake

We drive West

At 660 S we chain South 1.14 To 661.14 S  
 To over 661.4 BSN on point 15 Ft West of NE Cor Sec 9-137-28 Turn 90° and FOCUS West. Turn Left 3°22' and run  
 S 86°38'W Parallel to N Bdry of Gov Lot

Dr Wm C. Naegeli and his brother Carl Naegeli arrive at 11 AM and help us cut line

West on a line 660. Ft 50 of and parallel to N Bdry of Sec 9-137-28. Note:  
 Note: We are using Co Surveyor Knutson's Iron stake on E shore of Lake as MC.  
 Note: We believe this Iron pipe set on E shore of Whitefish Lake is 93.04 ft too far South But we will use it for this survey

Using N. Bdry of Sec 10-137-28 as E-W. We begin on our random line 15 ft W and 661.14 S of NE Cor Sec 9. Run

West S 86°38'W cut line to Whitefish Lake

12.00 noon Dr Naegeli, Carl Naegeli and Henry Oberbiling go home.

We work till 12-20 and go to dinner at oberbiling cottage

### PM

Reed, Earl and I From 660.5 continue South on random bet 9-10-137-28

+300 = 960.5 ch + 288.5 = 1249.5 stake in stump in line with new road cut East

+300 = 1548.5 Hub on hill

3 PM Rain starts - Light showers bet the brush - 3.15 PM pull up - 3.25 Lr oberbiling  
 4.20 PM at Jenkins 7 Hours



(19)

Gov Lots 1-2-3  
Sec 9-137-28

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May 27-1929 Monday

Clear and Cloudy. Earl Schultze  
drives my Ford. Fred starts back to  
School we L. Jenkins 7-30 am.  
at 8-30

Earl and I work alone

T over Hub 1548.5 S. continue

South bet Secs 9-10-137-28

15 Feet West of True Random Line  
 $1548.5 + 177.6 = 1726.10$  Hub on Hi bank  
 3.5 North of Brink and 4.50 West of  
 old stake - Old stake is not far enough East  
 according to other lines I believe But I may  
 Leave it here Will see Later

1729.60 Sharp Brink of hi bank

1750 Foot of Bank

1766.4 S-Hub on sand beach

1773 S-Waters edge of white Fish Lake

T over Hub 1726.10 S Old Stake 0.10 N 4.50 E

1726.5 old stake sets E 14.5 ft

Chain N 6.10 and set 2x15" oak 12 ft 1720.5

1726.10 S ch E 15.00 set 1st 1st of 1st

Then ch 6.10 N and 15 E of this 1720.5 and set

1720. S. Set 2x15" dry SP Hub 50 ft Sec 9

Set 2x15" dry SP Hub by intersection of chain

15.11 E and 6.10 N of Peg

Nab. this SP Hub is 1720. S. of and in line  
with Cor 15

3-4-9-10-137-28

Earl and I cut brush along N. Shore of  
 Whitefish Lake till 12-15 PM then work and dine  
 to dinner at Oberbiller's camp.

Dr Geo L. Kline. Dr RW. Ackley and  
 stretch the gear

Dinner at 12-30

PM

We grind our axes then drive west and cut  
 shore line and set red flags along the bank

Too much SE wind to head out on

Dr Kline shows me a letter at noon from US Office

Quit at 6- Home 7-30

35 ch to Niles \$3.55 for supply

John W. Curo



May 28 - 1929 Tues

Up at 5 A.M. Get gas and oil

Reed needs a suit for graduation. To give him  
ch 825 - Cork 3400 = 835.00

Pick up Geo Smith and Paul Schultz

8.45 for Ogea Billie Camp. Find the Herring  
eating breakfast. They promise to come.  
Later and help eat breakfastWe grind new brush saws and drive  
west and pick 2 Transits to Hub.  
1726.105. Put up new Backshot at 660 S-

Tower Hut 1726.105. Focus north

Sta N°	Sta N°	Bear	Re-Checked O.K.
1	2	578° 03' W	578° 09' W
"	3	No Sec	
"	4	573° 18' W	73° 25' W 571° 28' W
"	5	571° 22' W	
"	6	569° 58' W	570° 04' W
"	7	570° 00' W	570° 06' W
"	8	564° 47' W	564° 53' W
"	9	567° 16' W	567° 23' W
"	10	559° 50' W	559° 53' W
"	11	557° 00' W	557° 06' W
"	12	554° 48' W	554° 54' W
"	12A	553° 22' W	553° 29' W
"	14	550° 07' W	550° 13' W
"	15	549° 11' W	549° 17' W

Tower Sta D 83 ft of Brink = 1726.150 and 15 W of  
Secco Run578° 09' W along sharp edge of cut bank 20 ft hi  
@ 300 stake on bank 18 ft hi + 69.3 = 369.3 S 1° 2'

Tower Sta 2. BS N 78° 09' E

Brink Line 575° E 25 ft

South 12 ft

Top of hill N 20° W 100 ft

Run S 83° 35' W 140.8 to Sta 3

(2) Run S 83° 35' W 140.8 to Sta 3

@ 100 Brink 30° L - 4 ft hi

Top of 6 ft hill 100 R

Note we are using Gurley T 300 steel tape



Nat. For stadia work we will use Heller and  
Brightly Transit - we have both Transits  
with us.

H & B. Over Sta 3.

Use Stadio. and chain

Edge of seawall 4 ft hi bears S  $40^{\circ}$  E 45 ft  
Runs straight to Sta 4  
Top of hill N 100 ft about

Take Wall's edge in Port Hule

<sup>40</sup>  
S  $50^{\circ}$  W 20 ft and 40 ft

<sup>73</sup>  
S  $80^{\circ}$  W 60 ft and 80 ft = 50 shore

<sup>572</sup>  
S  $76^{\circ}$  W 120. 50 shore

N  $88^{\circ}$  30' W 160 S  $84^{\circ}$  W 160

S  $80^{\circ}$  W 180

S  $47^{\circ}$  W 250 S  $85^{\circ}$  W 250

S  $80^{\circ}$  W 280

N  $81^{\circ}$  30' W 300 N  $89^{\circ}$  W 300

N  $79^{\circ}$  W 305 W End N  $88^{\circ}$  30' W

N  $77^{\circ}$  30' W 300 N  $85^{\circ}$  W 300

N  $75^{\circ}$  W 275 N shore

~~N  $74^{\circ}$  W 260~~

~~N  $75^{\circ}$  W 250~~

N  $83^{\circ}$  W 275

N  $82^{\circ}$  40' W 260

N  $81^{\circ}$  W 190

N  $82^{\circ}$  W 100

Top of Hill

N  $30^{\circ}$  W 150 about

Heller Transit slightly out of adjustment

Heller still over Sta 3.

③ Run S  $69^{\circ}$  35' W 273.8 To Sta 4  
<sup>61.44 checked</sup>

Gurley Transit over Sta 4

BS on Sta 1 - N  $73^{\circ}$  25' E

③ bears N  $61^{\circ}$  44' E

We rock Heller back to Sta 3 and check on 4  
S  $61^{\circ}$  44' W OK.

Geosmith - End and = car down with Hark.



95

(22)

Lobs 1-2-3-  
7-137-28

May 28-1929- continued

P.M.

K over Sta 4 BS N 73° 25' E on Sta 1.

Take Shore Line Whitefish Lk

N 68° E 160 feet Birch &amp; sawall 5 ft hi

N 71° 30' E 120 ft " " " " 6 ft hi

N 71° 30' E 65 ft " " " " 10 ft

South 3 ft " " " " 10 ft

S 65° W 75 ft " " " " 3 ft hi

Sand flat extends West and NE along foot hill

Foot of hill at sand flat bears

N 30° W 40 ft to 208

Small 2 rods Island N 45° W 125 to E

Water Runs S 20° E @ 20 ft Foot of Bank  
at 35 enter water White Fish Lake

K still over Sta 4 BS N 73° 25' E on D Run

S 55° 46' W 97.10 ft to Sta 5 on sand Beach

(5) Heller K over 5 BS N 71° 28' 1/2' E ①

Water of Whitefish Lake bears 12 ft 50

S 60° W 165

Sta 6 Bear S 65° 46' W 284.10 on sand Beach

Taking Water in overflow

N 35° W 70 to 100 - E edge

N 37° W 140 N 49° W 180

N 36° W 175 N 19° 30' W 200 to 225

Sand extends 20 ft further



Transit at Sta 5

N Edge of small Lake NE  $36^{\circ}30'W$  300

350 to edge of slope

N  $43^{\circ}W$  300 water in end Lake

N  $43^{\circ}30'W$  360 Foot of slope at sand beach

N  $47^{\circ}W$  250 water

N  $52^{\circ}W$  240 @ 275 foot slope

N  $60^{\circ}W$  260 water @ 280 Foot of slope

N  $71^{\circ}W$  250 water @ 270 foot of slope West side

N  $76^{\circ}W$  85 Old slight water edge on

So side

Note: We cannot see west end of small lake from here so move West to Sta 6.

Gurley Transit over Sta 6 BS N  $70^{\circ}04'E$

SW cor small lake bears N  $29^{\circ}E$  120 feet

Whale fish Lake S  $20^{\circ}E$  15 ft

" " " West 15 "

" " N  $15^{\circ}W$  60 ft S. Shore - 120

East end of slim arm N  $5^{\circ}E$  90 to 110

Sta 4 Bears N  $63^{\circ}14'E$

" 5 " N  $65^{\circ}46'E$  284.10 OK check

" 7 " S  $70^{\circ}12'W$

" 9 " S  $53^{\circ}22'W$  221.9 chained across water Mike wades over



97

Lots 1-2-3-

(23) 9-137-28

May 28-1929 Continued

Heller ~~to~~ over Sta 5 BS N  $71^{\circ}28\frac{1}{2}'E$  DRun N  $37^{\circ}21'W$  431 stadia reading toHub over small lake in poplar timber  
= Sta 5A.Cut lines till 6 P.M. as Jenkins  
at 7-30 P.M.

May 29-1929 Wed

Rain No work



24 Dr Naegeli

98

May 30 - 1929 Thursday

Memorial Day

7:30 Put on new Fambelt - Reed  
Mike and I in my Ford. - deep "Mud"  
at Bayan's. On St Thomas Camp

8:30 See Dr Naegeli who says he will  
be out later. Mike sets Gunley  
over Sta 10 while I set Heller  
Over Sta 6. BS. N 70° 04' E

Reed Cuts Stadia rod

N 3° E 165 and 130 on Bank 4 ft up  
N 20° W 165 on bank 4 ft up

Sta 6 A. N 19° 40' W 234. Foot of slope  
of main land 4 ft up.

Low land in draw runs 25 ft R.

Variation of Needle reads 6° Needle OK

Sta 6-B. N 44° 23' W 200 Foot <sup>main point</sup> 4 ft up

Sta 6-C. N 54° 15' W 208.

N 62° W 210 -

N 68° W 180 BK 4 ft up

Sta 6-D. N 62° 25' W <sup>331</sup> 331 <sup>330.1 chd</sup> Hub on hill E. Bank

East limit for road

N 88° 54' W 221 Sta 6-E (G.E.) Station, bank

G.E. N 89° 18' W 288

4 ft up

G.G. S 84° 19' W 372

"

G.H. S 82° 33' W 418

"

Sta 7-S 70° 07' W 503 stadia



99

(25)

Labs 1-2-3  
9-137-28

Still over Sta 6. Take water's edge

Sta 6 S 77° 45' W 417 = N Shore  
 S 81° 35' W 300  
 S 89° 10' W 250  
 West  
 N 88° W 205  
 N 63° W 145  
 N 14° W 120

North

N 2° E 70 to 100

South shore

Sand Bar

N 26° W 85  
 N 40° W 95  
 N 35° W 45  
 N 56° W 40  
 N 64° W 60  
 N 86° W 50 15 to 50  
 West  
 S 60° W 10  
 South 10

all these walk to dinner N @ 12:45  
 12:50 Beach at 2:33 PM  
 Too far to walk

PM

Sta 7. Heller &amp; over plot 7 B son D

N 70° 06' E - N 6 Wears N 70° 11' E

(Note: We drive Sta 7 deeper in the sand  
 and this is why Sta 6 does not check) <sup>OK</sup> close

See Page 96 - Gurley Transit says S 70° 12' W OK.

Take water edge

N 36° 15' E 101 N 15° E 30 ✓  
 N 60° E 10 S 55° E 30 to 65 ft ✓  
 S 60° E 150 S 78° E 210 S 86° 30' E 245 ✓  
 East  
 N 88° E 290 N 82° E 295 ✓  
 N 80° 45' E 310 on sand ridge 10 ft wide  
 N 70° E 330 on sand 10 ft sand ridge  
 N 85° E 310 on main Lake  
 East 325 on main Lake  
 S 77° E 310 on main Lake



$\pi$  still over S167.

(26)

No 990<sup>3000</sup>  
1175  
86.2

100

Sta 9 N 83° 41' E 297 stadia

Sta 8 S 61° 18' E 186.4 chd (stadia reads 185)

taking shore line 4 ft up

✓ N 26° 04' E 128 check stadia on Sta 6-H. ✓

✓ Sta 7-A N 6° 33' E 86.2 from seawall

✓ " 7-B N 22° 20' W 49.10 (over rock line 75 ft from edge of up)

✓ N 55° W 20 shore 4 ft up

✓ West 15 ft S 45° W 15 ft

✓ South 20 ft on shore 4 ft up

S 33° E 90 - sloping shore indefinitely

S 37° E 115

S 45° E 175 ft 4 ft up at foot sharp slope

Road

$\pi$  still over N° 7 Run

N 61° 18' W 113 @ 113 E <sup>Ridge</sup> brink of highest hill

@ 160 West brink of Ridge

Nat. Road should pass between these points

3000  
17

Sta 8 To Sta 9 in 182.5 chained

<sup>10</sup>  $\pi$  (Gurley) over Sta 10 135 on DN 59° 55' E

Sta 9 bears N 26° 08' E 318.5 chained

Sta 9 Chain S 26° 08' W @

@ 100 stake 200 stake @ 300 stake

@ 90 Pt of upland 12 ft left

@ 110 we edge upland 4 ft hi



Sta 9 - S 26° 08' W Continued

@ 110 ~~End~~ Sea wall 30' L Water 50' L

@ 110 So edge of 4 ft contour ruins

SW to Sta 8. Then run south  
to close on point taken before

@ 200

L 23 Cut Bank 6 Hi

L 28 Foot "

L 45 Water's edge

@ 300

L 9 Cut Bank 10<sup>1</sup>/<sub>2</sub> Hi

L 25 Foot "

L 35 Water's edge Whitefish Lk

318.5 = Sta 10.

Cut bank 5' L - 12 Hi

Sta 10 Run S 39° 07' W 257.5 to ⑪

@ 55 Cut bank 9' L

@ 65 " " 4' L

@ 157 " " 4' L 10 Hi

@ 180 " " 1' L

@ 257.5 = Sta ⑪

Cut Bank 5 ft L - Foot 15 L

Water 35 L Bank 10' Hi

Quit at 6:30. Home at 7:30 PM

Note: Mike gets his check \$36. from  
Midwest Building Co.



May 31-1939 Friday

Up at 6 a.m. Get gas no oil. Mike and I go to  
Piquet grind new Bush scythe and axes  
Buy drifting board \$1.50 Ink 35° Red cloth 40°  
Work on map. Take lunch for two. Reed goes  
back to school - Mike and I alone at St  
Thomas 10 a.m. I tell Oberbelling I will  
not be in for dinner as it takes 2 1/2  
hours to walk in and back but will  
pay him just the same for our dinner  
he says no. anyhow I will pay for our  
dinner anyway.

⑧ <sup>Gurley</sup>  $\pi$  over 8 B.S. N 64° 53' E on Sta 1.  
9 bears N 45° 48' E

Ran N 61° 20' W passing the base of  
Sta 7. @ 136.4 = Sta 7

Sta 7. continues N 61° 20' W @ 136. Hub on  
Ridge 12 ft N E SW about pt for E  
of street - <sup>Gurley</sup>  $\pi$  over Hub 136 continues

N 61° 20' W @ 136 + 24 = 160

Stake for West limit of road

160 + 91.8 = 251.8 Hub = Sta 7 C.

Nab Hub 160 = 4 Road also Sta 7. B

From ~~76~~ Sta 7. C = 251.8 continues

N 61° 20' W 207.9 = 459.7 Hub on Cut  
Bank = Sta 7-D.



May 31-1929 Continued

We walk south along west shore and set  
red flags along sand beach and top  
of hi bank Cook our dinner @ 2-30 PM  
PM.

Walk north along west shore and set  
red flags on sand beach and on  
the bank

$\pi$  over 6-D Pg 98 BS on slo 6  $AS 62^{\circ}25'E$   
and run  $N 62^{\circ}25'W$  From slo 6-D chain  
 $S 62^{\circ}25'E @ 180$  stake at water's edge

+ 150.1 over water to slo 6. =  $330.1$

Close check on slide Sec Page 98

Then run  $N 62^{\circ}25'W$   $330.1 + 71.8 = 401.9$

Hub under transit + 126.6 =

$528.5$  Sta 6-I

on low bank 3 ft from brink 4' up.

$548.5 + 41.5 = 590$  water's edge

White Fish Lake

We walk north and set red flags  
along sand beach and on upland

Then pack Gortley Transit to

Hub 1589.3 West as shown on Page 90

this Book



May 31-1929 Continued

## Figuring

Assuming North Boundary of Sec 10  
137-28 to be East and West and  
assuming East Boundary of Sec 9  
to be at 90° to said line at which  
place we will probably find (will  
see later) Then the North Boundary  
of Gov Lot Sec 9-137-29 would  
run  $3^{\circ}22'$  Left or  $S 86^{\circ}38' W$

8960  
322  
86°38'

Therefore:

The South Boundary of Charles Webber's  
"North 40 Rods" would be 661.14 ft  
Straight South of Knutson's Iron  
Monument on East shore of White Fish  
Lake - set for his Meander Corner  
which we will use as OK.

As my Hub 1589.3 is 93.04 north  
of Knutson's Iron MC. But 8.19 ft West  
I will have to add the  $3^{\circ}22'$  to the  
8.19 ft west which would be

Tangent  $3^{\circ}22' = 05893 \times 8.19 = .48$  of foot  
added to 93.04 = 93.52 ft North of  
where the north line of Sec 9 would  
pass thro Iron MC.

Nix - Not used Curo



To get the South Boundary of Char  
Webber's "North 40 rods" I will have  
to run  $93.52 + 661.14 = 754.66$  ft  
Straight South of my Hut 1589.3 West  
T over Hut 1589.3 W BS on Hut

1224.4 (Page 89)

Turn 90 and look South: as this line  
soon runs into the water I turn

$6^{\circ}20'2$  and run  $56^{\circ}20'E$

$6^{\circ}20'$   $\sin = 11031 \times 759.29 =$   
 $6^{\circ}20'$   $\cos = 99390 \text{ into } 754.66 = 759.29$  WRONG

At 759.29 set flag on sand beach  
15 ft E of water main lake 7-25 PM

8-10 at car call on Hank Ober-  
-billing - Home to Jenkins. after dark 9-10 PM  
Note: Jenkins school closes

John W. Curo



June 1-1929 Saturday

I and my old Ford - get notes and drawing board and with a lunch for 3. Lv my office at Denham with Earl & Schultz and James Reed Curo at 8-AM

Extremely cold. Call on Oberbilling. grind my axe. Drive west

Begin on E Line sec 9-137-28 - at I P of new road 1248.5 S of NE Cor Sec 9 - Cut line West in line with new road from the East. Cut West about 80 rods to Whitfish Lake. Walk West shoot Blow Snake and cook coffee. eat our lunch PM

Cut brush north on West side of Point East shore of Whitfish Lake about 4 PM

Dr Naegeli arrives - Reed and Earl continues random line on so side of Char Webber line

West while I and Doc go over the Point. There is to be

30 Equal size lots as near as may be - Earl and Reed hit out about 6 1/4 N of stak 759.29 on Point - Quit 6-PM  
 ENG. JOHN



107

(33) Lobs 1-2-3-  
9-137-28

JUNE 2 1929 - Sunday

No work all day in denkins.

Tom Todd goes home to Park Rapids with Ball Team

June 3-1929 Monday

Up at 7 AM Fix Readiator &amp; 1. To Dwight

Get gas and 2 als oil at Salie sta

Ch 85 to Am Skill Pine River Woodman

New crystal in my watch 35¢ Pequot

Earl eats dinner with Reed &amp; I

P.M.

1.05 PM. I and my old Ford with Reed and  
Earl pull out - 1.45 at Cheibeling camp and  
drive West Correction Pg 90

We figure Correction of N Line See 9-137-28

.05885 So for Each foot West See Pg 90

Hub 1581.1 West goes south 93.04

1250.0	"	"	"	73.56	✓
1240.0	"	"	"	72.97	
1224.4	"	"	"	72.03	✓
951.9	"	"	"	56.03	
460.7	"	"	"	27.13	
15.0	"	"	"	0.88	

Take over 73.56 BS on I.M. and rechain hub  
till they check perfect. Then set Pine  
Hub and tall stake on top of it. This  
about South of Hub 2440

Set X over I.M. on Lakeshore  
BSE on Knutson's True Line

New BTS MK'd By Knutson viz.

NP 12 N 70° 40' E 29.58 MK'd MC "BT"  
NP 9 N 29° 20' E 16.60

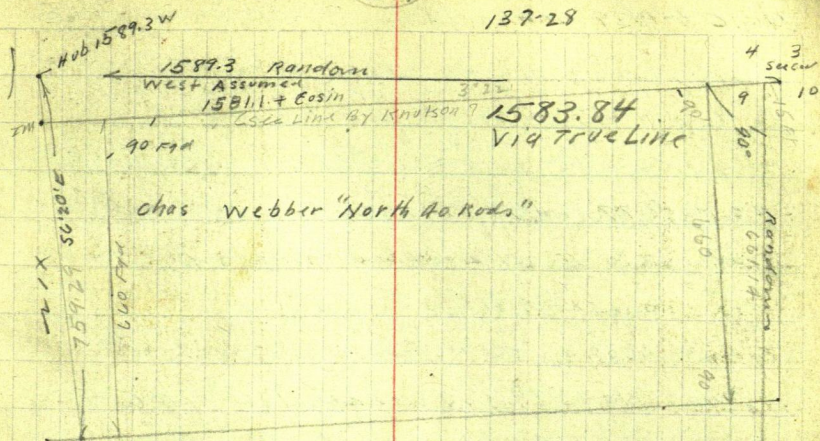
Turned From this true line East



34 Dr Naegeli

108

137-28



1320.5

1726.1  
1728.5  
1728.5

5



June 3-1929 Continued

US Notes: At USMC But Lees + and 9-137-28

US Notes call for point - slope 2593 LINKS =

1711.38 Feet West of Cor 3-4-9-10 -

BTS VIZ: CYP 20 N 60° E

WP 5 N 35° E 03 = 41.58 Feet } gone

Hard Pin 75 68 E 04 = 42.24 "

See Page 77 and 78 This Book

~~T. OVER T.M. Focus East on Knutson's line run~~~~S 3° 0' E~~~~Sine = 0522 X 660991 =~~~~Cosine = 998631446 660 = 660.94 Set tall stick~~~~Tang = 05897 X 660 =~~

My H.W. No 1589.3 W bears N 4° 40' W 93.4

~~T. OVER H.W. 1589.3 BS East on my random~~~~Red Flag on sand beach Furthest point runs~~~~S 28° 34' W~~

112 AS 22° 22' W to red flag on Furthest Point on the Bank

111 S 20° 11' W to Next Flag on sand Beach Fall Down - gone

111 S 17° 02' W to Red Flag on Middle of the Bank

110 S 16° 28' W to Red Flag on Low Spoken the BK (Birch Tree?)

109 S 16° 41' W to Next Flag on Right on sand Beach

108 S 11° 43' W Flag on Sand Beach So of T.O.

T.O. S 10° 20' W St. 7-D at Base

107 S 7° 45' W Flag on sand Next N of T.O.

106 S 0° 18' W Flag on sand N of line with stub in water (106)

61 S 0° 48' E Flag on Bank First on BK N of hill stub in water

SB 75 E to St. 660.91 Check 0.0 East OK,

6-25 AM Quit @ 6-15 PM

Reed and Mike find Crow's nest  
 near Transit 3 young crows - Mike climbs  
 small pine tree to nest and says crows  
 may be able to fly in a week We may come  
 and get them then

Pack survey rig East and hide it  
 all eat supper with Hank Oberbiller  
 Reed and Mike stay and sleep in  
 Nageli Cottage on porch

I drive home to plot what we have done  
 arrive at Jenkins after dark

Alma is at Bryants where we spend  
 the evening

John W. Curre



June 4-1929 Tuesday

Earl Schultze and James Reed Curo work all day alone. Take their lunch from Oberbillig. Earl runs transit and chain Reed helps. They set X over Hub 786.25 + 15 west and 640 ft So. of N. bdry Sec 9-137-28 and

Rake in So Line of Webber N. & O. Rd. also chain from Hub 15 ft west and 661.14 So. of N. & O. Rd. Sec 9-137-28

(being 660 ft from N. Bdry as the true line runs  $S 86^{\circ} 38' W$  and we are using our Random as a Meridian - See Page 108-90 and 85 This Book N=218)

They also chain this line after which they cut brush along both shores

I work all day on maps in Jenkins. Alma Curo helps me. and we go to Pine River and eat supper at Crommett Restaurant.

Alma visits Mrs Harold Stotts I meet RR Village Council and get orders to plat new Cemetery @ \$275. and they furnish stakes. I am to buy one lot @ \$25. Home. lat.



June 5-1929 Wed

9-137-28

Up at 6 am. Work on Naegeli maps till  
8 am. Alma and I drive to Naegeli  
Cottage Then to Oberbittig Camp. get  
key. Take our own lunch and meet  
Reed and Earl "Mike" on West side  
of Point All eat lunch

PM.

Reed drives to Jenkins and back to get  
notes. Alma goes home with him  
Mike and I alone

π over Hub 786.25 (+15) Check  
chain so bdy of Webber 40 Rods  
OK. Chain

West. @ 600 to 675 lower land  
Revere leads South 786.25 Hub  
on ridge NW-SE Note the West  
side of our 33 ft road should  
start 50 ft East of this Hub and  
run South-?  $786.25 + 164.05 =$   
 $950.30$  W-Hub +  $46.80 = 997.10$  Hub  
Note: 4 ft Contour 40 ft to 110 ft so  
 $950.30 + 76.30 = 1026.60$  Hub  
against north side of 10" Oak  
stump = 4 ft Contour NW-SE  
 $950.30 + 81.10 = 1031.40$  stake on  
line = Sta 102.



$950.30 + 125.70 = 1076.00$  vr Hub 4 ft  
 from water Whitfish lake 1080 water  
 NW & S. Flag 660.91 (Pg 109) = Sta 101  
 Hub 1031.4 vr = Sta 102.

Over Sta N=102 Gurley Transit

BS  $586^{\circ}38'W$  on N=101 Run

S  $4^{\circ}26'W$  253.8 To Sta N=103.

@ 100 Lake 20' R @ 140 LK 10' R. 4' Contour <sup>30 L</sup>

@ 180 " 15' R. @ 200 end of water SE vr  
 Bank 30' L @ 215 Lake 10' L @ 245  
 Lr Water NE-SW @ 253.8 = Sta 103  
 Water 3' R. Bank 30' L sloping shore  
 Rises about 10 ft in 100 back Left

Over Sta N=103. BS N  $4^{\circ}26'E$  Run

S  $36^{\circ}45'W$  261 To Sta N=104

@ 25 ft enter water @ 140 Water 10' L  
 Bank 40 ft Left @ 210 Lr Water  
 Bank 30' L @ 240 Water 15' R  
 @ 261 = Sta 104. Water 5 R BK 30 L

Sta N=104 is West of and about on line  
 with E Twp Road extended See Pg 106.  
 continue

S  $36^{\circ}45'W$

Sta 104. continue  $536^{\circ}45'W$

25 to 50 water edge. @ 100 Water 10' L

Low cut Bank 25 L 4 ft contour 30 L

@ 150 same. @ 200 water edge sub slash

2 ft cut Bank 15 L 4 ft Ht 25 L

@ 230 Bank same 200 to 250 water edge

@ 250 cut Bank 30 L 4 ft Ht 40 L

@ 300 Water 25 L  $200 + 142.3 = 342.3 =$

Sta 105 - 3 S and 4 E of water

Note: N=105 cannot be seen from 100  
 Note N=100 = US MC NW Cor Lot 1 - Sec 9-137-28

105 Over 105 BS on 103 and 104  
 N  $36^{\circ}45'E$  Edge of water beam  
 N  $70^{\circ}E$  5 to 55 feet

4.54 PM. Reed returns with notes



Sta N-105 to Sta 105

Take 4 ft Contour

N 70° E 95 East 90. S 43° E 100  
S 35° E 35 to 75. S 7° E 55 to 95 Island  
@ 125 = N end of Low reveue  
@ 155 ft water mark - 4 ft contour on  
main land

Sta 106 Bears S 23° W about 400 ft?

Sta "G.I." bears S 18° 25' W 1

From 105 Run S 18° 25' W @ 00. Water 4' R

@ 90 Bank 10' L @ 110 Bk 20' T. 40' L Island?

Water 25' R.

@ 110 T. 160 Cut Bank 3 ft Hk 15' L

@ 175 - 3 ft Bank 15' L 4' Bk 35' L

@ 190 - 4' Bk 10' L @ 200 stake -

4 ft Bk 7' L Water 20' R

@ 220 - Cut Bank 5 ft Hk 3' L

@ 260 - 13 ft 6 ft Hk 10' L

Water 20' R

@ 300 Front of cut bank 10' L 8 ft Hk 20' L

Water 15' R.

@ 439.3 = Sta "G.I."

@ 400 Top of cut bank 5 ft Hk Water 30' R

6 PM.

From Hub - Sta N-105 Run

S 66° E 122 ft to Hub 105 A. on  
8 ft Hk Ridge

6-12 Hild. brought and plant home

Get Ford car at Shelby 6-45

7 PM Supper with Hunt 3 men

all three sleep on Porch of

Naegeli Camp - Cald.

along home alone in Jenkins

Sin Clancy and sons arrive



June 6-1929 Thursday

Up @ 6 am. Cald too cold to work on plat  
no stove Main College locked.  
6-50 at Oberbills cottage f. 7 o'clock  
Breakfast they are not up  
We walk back to camp where I work  
40 minutes on plat then drive to  
Breakfast 7-30

8 am Reed and Mike walk to work  
Hank does not want us to use Naegeli's  
Boat

I stay in camp and work on plat  
See Page 93 this Book

Stk

1					
2	Brs	S 78° 09' W =	11° 51'	Tan =	209.82 in 1000
3	No	Sec	um		
4	Brs	S 73° 25' W =	16° 35'	" =	297.80 " "
5	"	S 71° 28 1/2' W =	18° 31 1/2'	" =	335.08 " "
6	"	S 70° 04' W =	19° 56'	" =	362.05 " "
7	"	S 70° 06' W =	19° 54'	" =	361.99 " "
8	"	S 64° 53' W =	25° 07'	" =	468.79 " "
9		S 67° 23' W =	22° 37'	" =	416.60 " "
10		S 59° 55 1/2' W =	30° 04 1/2'	" =	579.09 " "
11		S 57° 00' W =	32° 54'	" =	646.93 " "
12		S 54° 54' W =	35° 06'	" =	702.81 " "
12A		S 53° 29' W =	36° 31'	" =	740.41 " "
14		S 50° 13' W =	39° 47'	" =	832.68 " "
15		S 49° 17 1/2' W =	40° 42 1/2'	" =	860.39 " "

PM

• East T Reed ch

1248.55 Ch. S - 187.2 = 1435.7 S - Hub 15

W of Hub line. Over Hub 1435.7 Run  
S 78° W 300 - 379.7 Hub 600 - 900 + 206 = 1106

Intersect about Sta 5A. @ 5-30 PM I  
drive out and help them and find

our line should go about 75 ft. 100 ft. at  
5A at 70° it is 45 ft. to where the

Broke brush for road line

Hub 1435.750 Thrown E. end of road for  
how so we will set it about 15 ft. left

and run a new line to morrow 6-15 Oak  
supper and over with architect

He is Bill King & Town Board with  
Clarence, Carl Naegeli and 3 men come from  
Brammell's fish

changed  
south



115

(40)

Lots 1-2-3

9-137-28

June 7-1929 Friday

Carl Naegeli and 3 men go fishing early. at 6 am Mr Hoffman of Beamed  
Til Co. sees Bush deer in West bay

Adna Volk slept with Schultze last  
niti. We are up at 6:15 Breakfast @

7 am. I work map while Earl  
Schultze takes Reed and Halk West

and cuts line - Hank Oberbellig  
follows them an hour later. Carl &

party go back to Beamed & stay  
on map. At 10-20 AM I go out and

help.  $\pi$  over Hat <sup>1435.7</sup> ~~1535.7~~ S ch 2017.3  
<sup>1453.0</sup> ~~1553.0~~ S-Hat  $\pi$  over <sup>1453.00</sup> ~~1553.0~~ So Turn

$583^{\circ}5\frac{1}{2}'W$  along So Side of street (33 ft)

@ 300 stake @ Hat 600 stake 656.8 Hat

700 stake 1000 Stake + 150 = 1150 Hat

Temporary Corner for So Side and

East side of 33 ft road Pack  $\pi$  E

and check SW angle at Hat 1553.8

$583^{\circ}5\frac{1}{2}'W$  OK. Camp @ 12-15 PM.

PM

Figuring.  $83^{\circ}05\frac{1}{2}' = 6^{\circ}54\frac{1}{2}'$

Tangent = 12115

2 PM to 6 PM I keep the boys on the line  
7-30 PM we all supper with Dep Schult



(4) Dr Naegeli

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June 8-1929 Saturday

Up at 7-10 over slept got quick breakfast  
 Leaving Ford with Voth-Schulze and  
 Reed at 7-55 - got loads and L. camp  
 @ 6-59. Voth cut line from 1150

⌒ over Hut 1150 BS N 83° 5' 1/2" E Rm  
 S 39° 07' W about 820 feet

Schulze-Reed and I cut NE  
 and decide to throw road a road or so  
 further East

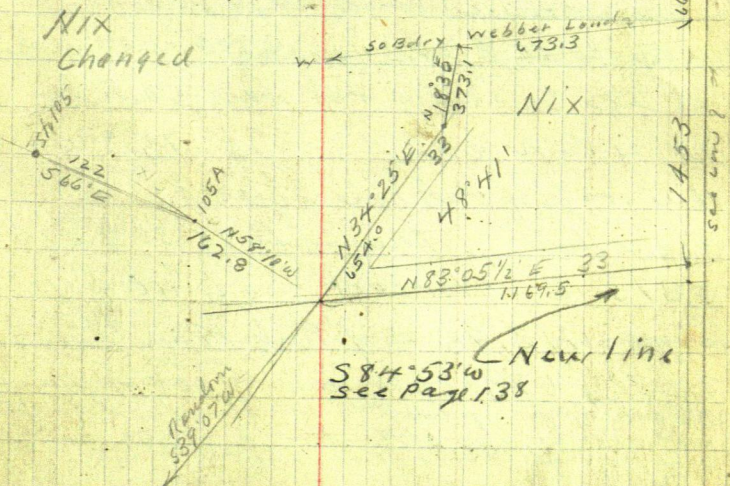
⌒ over Hut 1150 W continue line  
 S 83° 5' 1/2" W 19.50 T. 1/69.5 - W side

⌒ over 1169.5 BS N 83° 5' 1/2" E Rm  
 West Side 33 ft Road  
 N 34° 25' E

changed

OK

Nix  
 Changed





117

(42)

June 8-1929 continued

all 4 eat dinner with Oberbilly 12-20 T. 1.20  
PM.

Found axes Volk will not work.

1.40 PM axes finished - drive to camp. Tubes  
blow out. Fix tube 35 minutes lost time.

I pay Volk 25¢ for patching and \$1. to drive  
to his home and back for old tubes he will  
loan me. 2-20 PM - Reed, Mike & I  
walk to Hub 1169.5

Point 1169.5 BS N 83° 05' 1/2" E

S/L 105A Bears N 58° 10' W 162.8

Point 1169.5 Take swamp on overflow  
N 58° W 30 to 120 - Work H 4

N 32° 30' W 70 to 145 N 42° W 150

OK

Point 1195.5 Run W Side of street  
N 34° 25' E @ 104.3 Hub @ 300 - 600 stake  
at 275 So end of Pat Hale 50 ft W  
at 410 N end " " 75' W

Hub 100 ft of Pat Hale is 40 ft wide.

@ 654 Hub. Thence TX 18° 30' E @ 300 sth  
@ 373.10 intersect So Line of Webber  
Land - 112.95 E of Hub Mkd 786.25 W

being 673.30 + 157 West of Section  
Back to camp @ 6 PM all three eat supper  
with Oberbilly. We find 2 tubes in my car  
lost by Volk. Home to Jackson for our work.



June 9-1929 Sunday

Alma Reed and I go to Corn Lake where I  
run compass line for and with Chas Allen  
from SW Cor 17-137-27 East 260 paces to  
Corn Lake & on 10° line compass rough line  
Back to Jenkins @ 2 PM - Mattie - Alma & I  
eat about house 4-PM Cloudy.

June 10-1929 Monday

No work all day at home in Jenkins  
Hottest day of the spring

Call on Mrs Hilding Sorenson  
who wants survey.

Mr and Mrs Wm Stowe come for  
dinner. Receive Ch \$100. from  
Dr Naegeli.



June 11-1929 Tuesday

Cold-Cloudy-7 AM light rain

Get gas & oil then pay Ellsworth  
Satre \$20.27 in full for gas8 AM. I and my old Ford with  
Reed and Schultz, L. Jenkins8-45 at Obirbillings get key and  
drive West H & B Transit overHub 1076 W at SW Cor Webber land  
(Page 112) Reed runs Transit I use

stadia rod - Miles &amp; BS N 86° 38' E

4 ft Contour N 14° E 70, N 5° W 110

N 22° W 140 N 18° W 180 N 30° W 180

N 47° W 200 N 52° W 220 N 54° W 250

N 60° W 310 N 65° W 330 N 70° W 355

W. Stake point on point  
N 70° W 395 N 76° 30' W 368 to 10" PkTaking Water Edge: S 86° 38' W 372, <sup>365</sup> sealed

N 85° W 335 N 83° W 320 N 72° W 320

N 60° W 243 N 53° W 200 N 35° W 160

N 30° W 140 N 18° W 75

Heller &amp; over Hub 660.91 on Pt

(Page 109) Hub 1589.3 beam N 6° 14' W

754.3 feet, Wedge 3 ft Contour

sand bar N 4° W 200: Water N 7° W 200

3 ft BK E at 10. and 46 ft Water 15 W

Run N 86° 38' E 1415 stake Pt for IM

@ 44. Stake at 50 Water

Runs 6° W @ 60 Water 12' R 27 L

@ 110 Water 20 L 10 R, @ 145 LK 10 R 15 L

@ 192 Red Flag on Point



June  
1929

1 SUN 2 3 4 5 6 7 8 9 SUN 10 11 12 13 14 15 16 SUN 17 18 19 20 21 22 23 SUN

Time Sheet Naegeli Survey Gov Lobs 1-2-3-9-137-28

John W. S. Curo R	1	0	1 1/2 PM	1	1	1	1	1	0	-	1	1	1	1	1	0	-	1	1	1	0	= 15 1/2
B x 0	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	0	
Car	1	0	1	-	1	-	-	-	1	0	-	1	2	2	1	0	-	1	1	1	0	= 10
J. Reed Curo	1	0	1/2 PM	1	1	1	1	1	0	-	1	1/2 PM	1	1	3/4	0	-	1	1	1	0	14 3/4
Earl Schultze	1	0	1/2 PM	1	1	1	1	1	0	-	1	1	1	1	1	0	-	1	1	1	0	16 1/2
Adna Volk	1	0	-	-	-	-	-	1/2 AM	0	-	-	-	-	-	-	0	-	-	-	-	0	1 1/2
Henry Overbillig	1	0	-	-	-	-	-	1/2 AM	0	-	-	-	-	-	-	0	-	-	-	-	0	1 1/2

Dr Naegeli

120

Time Sheet Page 84-120-142.



June 11-1929 continued

π over Sta 105 Take Island.

N35°W 80 = NECor N63°W 110 SECor

N50°W 200 ft about to West point?

Distance Not taken to Deep Channel

See Page 109. π over Sta 106

BS on Sta 100 (= Hub 1589.3) N0°18'E

Sta 6 I" S 82°E 36.3 Island.

East end N14°E West end N6°E

N° 107 on Sand S61°53'W 300 Stadiq

70" on hill S61°42'W. Dinner 12-30

PM

Reed Mike <sup>and</sup> I 1-45 PM. π over 106

BS N0°18'E (on 100) Water N45°W 9.

S50°W 30 to 90. S58°W 150 to 200

Shore 4 ft up. S5°E 55. South

S17°W 100. S25°W 155. S51°30'W 210

Cut Bank 7 ft hi Sta 105 N23°E OK.

π over 107 BS N7°45'E. 106 bears

N61°52'E OK. Check. Water N62°E 60

N23°E 35. N82°W 65 2-30 PM.

Cut Bank 6 ft hi S87°W 70. 4 ft contain.

S58°W 65. S35°W 70 S4°W 80. South

S12°E 100. S22°E 140. S29°E 165

S36°E 140. S60°E 85. S85°E 85 East

N83°45'E 100. Water in Pothole

S45°E 15 and 50 N82°E 30 East 50

S18°E 70 S18°W 45 &amp; small Pothole 20'

Diam S30°E 100

John W. Curo



June 1929	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	SUN
-----------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

Board Sheet With Henry (Mable) Oberbiller - Meals 50¢ Beds free by Dr Naegeli.

John

Cura

James

Reed

Cura

Schulze

Adina

Volk

Alma

0=30

0=35

0=41

0=6

0

0

112

18

130

Brot from page 88 - meals

Total 130 meals @ 50¢ = \$6.50

Board Sheet Pages 88-122



June 11-1929 continued

Gurley Transit over Sta 7-D Pg 109  
 BS N  $10^{\circ}26'E$  on 100. Sta No 107 bears .  
 N  $61^{\circ}18'E$  122.2 ft  
 Sta 106 N  $61^{\circ}44'E$  Sta 108 S  $68^{\circ}30'W$  56.3  
 @ 7. Sharp edge of Bank 20 ft Ht @ 30 foot  
 @ 56.3 Station N = 108 on Sand Beach  
 sharp edge Cut Bank N  $20^{\circ}E$  20. West 6.  
 S 33 W 15 to 100 Ht 25 ft

Heller  $\pi$  over 108 BS N  $11^{\circ}43'E$   
 109 Bears S  $42^{\circ}12'W$  Runs S  $35^{\circ}28'W$   
 @ 0.0 Water 10 ft R. Foot Ht 13 ft 10' L  
 @ 125 Water 4 " R. " " " 20 L  
 @ 230 " 6 " R. " " " 20 L

✓ @ 255 Sta 108. A"

Heller over 108 BS N  $11^{\circ}43'E$   
 Run S  $11^{\circ}43'W$  145.4 Hub on Top of the  
 Bank. @ 100 edge @ 145.4 Hub 108. B  
 PG chain Vertical arc + leads  $10^{\circ}$  up  
 Tang =  $1763 \times 145.4 = 25.6$  Eley

$25.6 + 1.4 = 27.00$  above water

✓ Heller over 109 BS N  $16^{\circ}41'E$

108A Bears N  $51^{\circ}54'E$  180. From 108A Run

✓ From 108A Run S  $51^{\circ}54'W$  @ 0.0 Water 6 R.  
 Foot of 35 foot Ht 15' L @ 50 Water 6 R.  
 " " " " 22 L  
 @ 75 " " " " 24 L Enter water  
 @ 125 " " " " 21 L Water 10 L  
 @ 165 " " " " 20 L LV Water  
 @ 175 " " " " 14 L Water 12 R

Sta 110 Bear S  $1^{\circ}24'W$  39.00

" 111 " S  $23^{\circ}48'W$  124.60

on Ht Bank 25 ft up on Brink

✓ Sta 112. Set Oak stake on Sand  
 beach 4 ft E of water for N = 112

✓ Bears S  $41^{\circ}01'W$ . N = 112 A on 15' Ht  
 Bank bears S  $45^{\circ}45'W$ . N = 114 on sand  
 bears S  $48^{\circ}35'W$



June 11-1929 Continued

From 109 Run S  $41^{\circ}01'W$ . @ 00. Water 10 R'  
 Foot hi bank 15' L @ 25 To 200 Water Edg  
 @ 60 To 125 Foot Hi Bank 6' L  
 @ 200 Foot Hi Bank 10' L  
 @ 250 water " 12 L Water 3 L  
 @ 300 " " " 10 L " 1 R  
 @ 412 = Sta 112 " 15 L " 3 R  
 Sharp Edge Hi Bank 36 L chained  
 via slope of 15 to 18 ft hill

Cold NW wind Buit 6-PM.

Home to camp 6-30 Reed takes three  
 young crows captured at noon and  
 drives home to denkins

Earl Schutts and I stay and eat  
 supper with Oberbiller

Cold as hell on our Porch.

9-AM Hank comes up opens main  
 cottage and builds me a fire in  
 Fire place. I work on notes till  
 11-10 PM.

Sta 100 Bears N  $20^{\circ}03'E$ . N  $112^{\circ}55'40''W$

Sta 114 S  $61^{\circ}05'W$

BS on 100 Run S  $20^{\circ}03'W$

Station 96 feet to Sta 112. B on hi bank

$12^{\circ}40'$  up - 12 ft from Bank 2247 Tropy X

95 - 21.35 feet up + .65 = 22 above water

Foot of hill S  $20^{\circ}W$



125

25°  
114  
127

JUNE 12-1929 Wed

Mike and I roll out at 6-AM. Cold as hell  
hunt wood and build big fire in fireplace  
Work on plot till 7-30 Breakfast. Cut line  
and look up roadway

Dinner @ 12-50 T. 1-30 Reed returns at 12-50  
and eats dinner with us

PM

✓ Reed - Mike and I Heller over 112 BS

N 41° 01' E on 109 - Take Shore Line

Var Reads only 5° 45' E P.

Sta 100 Bears N 20° 03' E; 112A S 54° 40' W 219.7

114 S 61° 05' W <sup>250.2</sup> Set Hub on hill Sta 112 B. 10 ft  
from bench S 20° 03' W 95 feet station

✓ 12° 40' up Tang =  $22.47 \times 95 = 21.00$  feet about E.

Note: Var of needle reads only 5° 45' 7

✓ Foot of hill S 45° E 17 S 20° W 42

S 45° W 125 Run S 61° 05' W 250.2 to 114

@ 00 Water 6' R. @ 50 Water 8' R. @ 90 Water 8' R.

@ 135 end of water. @ 200 LV Water says 4' L

@ 190 Foot Bank 15' L @ 220 Foot 2' L

@ 230 Foot 1' L water 6' R.

Chain 219.7 From Sta 112 S 54° 40' W T. 112A  
on the Bank on Point

W Heller over 112. A BS on 100 N 22° 22½' E

Needle Checks @ 5° 40' OK.



June 12-1929 Continued

4.22 PM. Heller over 112A Top of H. Brink  
N 80° E 100. North 7. West 15.

548.40' W 91.5 to 4" oak lies on sharp Brink  
10 ft hi 10 ft from water edge

112C East 70.5 on slake line

115 S 42° 05' W 122.3 -- Brink 3' R Water 13 R.

116 S 39° 52' W 170.7 on 10 ft Bank 10 ft  
Brink 2' R Water 12' R.

From Hub 112A 135 14 22° 22½' E Run

S 22° 22½' W Cut 200 ft and 6-10

Quit-walk to car drive to supper

7-PM. 7-35 to 7-45 Reed and

Mike hunt pine knots for Fire-  
place - Call and blue-

Reed - Mike & I alone at Naegeli  
Cottage



June 13-1929 THURS

Up @ 5-30 Cold-cloudy. I drive down  
Lake Hawk and order breakfast "in our home".  
Reed and Mike take lunch part I drive them  
West then return to camp and work on plot  
I work on map till 12-45. Eat no dinner but  
drive West to Ford-walk SW find Reed  
and Mike on Point. At 1-30 PM They have  
eaten their lunch.

They have worked viz

Heller X over Hut 112-A on Hi Bank BS on 1.  
N  $22^{\circ}22\frac{1}{2}'$  E and From 112-A Run

S  $22^{\circ}22\frac{1}{2}'$  W @ 280 Sharp brink 8 ft Hi bank sets  
R. 42 feet-water 10 ft further R. @ 286.3 Hut  
@ 300 stake @ 320.4 Hut They then cut lines.

All cut lines E-W-along Swamp-draw

Heller over Hut 286.3. Chain N  $22^{\circ}22\frac{1}{2}'$  E  
= 225.  
@ 61.3 Iron US Bench Mark 4 ft Left

Transit to BM = 61.4 ft MKd N<sup>o</sup> 134

Transit telescope and run S  $22^{\circ}22\frac{1}{2}'$  W  
@ 300 stake: 320.4 Hut @ 348.7 Hut

N<sup>o</sup> 117 in sand flat to mark E of  
66 ft road EY Lake 50' R @ 400 L 40' R  
@ 500 L 15 R @ 600 L 5 R.

Heller over N117 BS on 286.3 N  $22^{\circ}22\frac{1}{2}'$  E  
Pt 1 rock-sand N  $40^{\circ}$  W 75 ft Round Point  
ground.



SW cor sharp cut bank 4 ft hi N 45 W 30

Edge sand flat N 45 W 25 - North 15

4 ft Contour north 25

Edge of sand flat N 73°<sup>50</sup>E } 4 ft Contour 10' L

" " " " 58° E 82° Contour 10' L

Water in Pat hole

S 16° W 20 T. 30 S 20° E 15

S 73° E 40 T. 60 - S 52° E 75 S 30° E 65

S 2° E 85 S 6° W 75

Pine stump on W. end of Island S 18° 20' E 125  
old Rat on W. cor Island S 60° E 95 Both 4 ft up.

Q 4 Rod Road S 76° E

@ 98.8 Hub @ 140 W end bog 15' R

4' Contour 10' L @ 170 Bog 10 T. 35 R.

4' " 15' L

@ 220 Bog 5 T. 30 R. contour 15' L 4 ft hi

@ 235 E End bog 15' R.

@ 270 W end 2nd Bog 15' R. 15 ft wide, run E

@ 300 stake on line 4 ft Contour 20' L

@ 320 E End narrow bog 15' R.

@ 412.8 Hub Angle pt Q 66 ft road N = 118

@ 350 Q 15 ft bog 15' R. 4 ft Contour 20' L

@ 412.8 Hub Swamp 4 T. 30' R. Contour 15' L

T still over N = 117 Turn 90 and run N 14° E 33

and S 14° W 33 set hubs for road limit

alt. 45° to road S 59° W S + 5 = 70 711 x 46.67 = 33.00

Hub in sand



129 June 13-1929 Contd

Heller over N<sup>o</sup> 118 BS N 76° W V 5' 40" OK

Turn 90° R<sup>nd</sup> 90° L 33 out set.

stakes for road line

N<sup>o</sup> 118 = 66 ft road Run

S 56° E 171 To Sta 119. Town 118

Stump on NE Cor Island S 43° W

" " E End " S 3° E 145 Stadia

Wale S 4° E 190 - S 14° E 180<sup>rd</sup> 150 on Point

South 90° S 15° E 30' S 45° E 90 Stadia

Run S 56° E 171 To Sta 119 - 4 ft up 10 L

6-12 PM Quit at car 6-40-

7- to 7-45 supper 8 PM in camp

Reed visits Jim Clancy - At 9-45 PM

Hank brings Harald Hardy and -  
another young man I give them  
estimate of rods to be cleared 26 ft  
wide viz

S 83° 05' 1/2° W 1170 Ft = 71. Rods

N 34° 25' E W N 1027 ft = 62 "

S 42° 20' W 817 ft = 50 "

Then S. L. point 80 " on corner  
26.3 rods

I estimate 240 rods = 3/4 mile?

about 2 1/3 acres or more

To bed @ 11-30 PM



JUNE 14-1929 Friday

Up at 5:50 AM. I work on maps till 7 AM  
 Reed walks 80 rods East to reef break.  
 - fort is ready. Mike sweeps out Naegeli  
 Cottage - Cold & Clean Fire in Fireplace  
 7 to 8 Breakfast 8 to 9 to work & over 119

BS N 56° W N° 120 bears S 70° E 130 Feet

4 ft Contour 10' L entire distance

@ 00 water 25' R. @ 109 water 30' R.

T over N° 120 BS N 70° W - No 14 Bear

<sup>S 84° 27' E</sup>  
 S 77° 37' E 179.7 chained to base (Leans N)

N° 15 S 33° 15' E 172 stadia - N° 15 sets  
 on sand point 15 ft from water E-W-S.

Taking water - S 30° W 30. S 30° E 35

S 74° E 100. S 50° E 125 Taking 4 ft Contour

North 15 ft East 35 ft N 75° E 50

N 60° E 65 N 40° E 65 - N side point

### Checking Angle

Heller over Sta N 14 BS on N° 1 P 93

N 50° 13' E - N° 120 Bears N 84° 25' W

Close check - only 0° 02' off 84° 27' cuts 0.20 of  
 a foot to Left of Hub 120. OK. 10-10 AM.

Water S 14° W 93.

N 67° E 58 - N 43° 43' E 292.

15 ft R of Foot of Cut bank 25 ft Hi Foot of

6 ft Bank N 40° E 45 to 200 feet

Brink 95 ft bank N 32° E 50 ft



131

T Heller still over N=14

Brink of 6 ft bank N 36° E 200

4 foot contour

N 20° E 30 - N 33° W 55 - N 40° W 100. Run

N 54° W @ 150 Rh 25 R. @ 200 Rh 25 R 25 L

@ 225 Same. @ 275 To 325 Rh 40 R. 10 L

@ 350 - Bank = 4 ft contour

From 14 Run N 35° 17' E @ 200

Sta 12-C. Hub 6' h Brink @ 270.2 = Sta 12-B <sup>6 ft</sup> <sub>to 8' Br</sub>

T Heller over 12-A BS on 1. N 53° 29' E

5 ft from 20 foot brink Run

S 34° 02' W. @ 140 - 20 ft Brink 12' E

@ 202 = Sta 12-B. 6 ft from 20 ft Brink

Sta 12 Bears N 37° 10' E 178.2 - Rh 6' R all

thruway at 12-A water 50' R. Via Slope

29' Cos =  $8746 \times 50 = 44$  feet to water

15 foot from base of cut bank

<sup>Cook's C. H. 20</sup>

T over 12-BS on 1 - N 54° 54' E <sup>PM</sup>

N=12-A bears S 37° 12' W - N=11 bears

N 32° 28' E 188.2

Water S 18° W 135 - N 52° E 115 - N 42° E 253.

East Brink of 4 1/2 foot elev along bank

runs N 37° E 25 To 125 - Extends L 20 ft north

Lake-pothole: N 8° W 50 To 115

N 27° W 90 N 25° E 100. Note 4 ft

contour 20 ft from lake on N & W side



June 14 - 1929 cont'd

132

K @ Sta 12 - Take 4 ft contour

N 37° E 25 ft 125 - North 25 - N 30° E 110

N 25° E 125 - N 8° E 130 N 8° W 130 - N 30° W 130

N 45° W 120 - N 65° W 100 - S 80° W 90 - S 60° W 65

Sharp edge of bank S 34° W 35 ft = 4 ft contour

Note: This whole flat is nearly  
level with 4 foot contour - about  
3 1/2 ft

Note: This finishes Lake  
shore - 2:30 PM.

Pack outfit north Heller

Run over 1169.5 BS N 83° 05 1/2° E

S 42° 20' W on West side 33 foot road a  
Reed and Mike cut line - 4 PM I L. for camp

4:30 AM and plot up contours

6 PM. Reed and Mike Lr for camp

6:30 we are at Obabillig Camp where  
they stay for supper - Reed has cut  
his leg with the axe We dress it and  
at 6:45 I pull out alone for Jenkins

Supper at home alone and I alone  
Reed and Earl at camp.

change



133

June 15-1929 Saturday

Earl Schultze H &amp; B Liaison

Over Hub 1169.5 West - Runnin  
line S <sup>41°</sup> <sup>20' 7"</sup> 29' W for West side of 33'  
road. Reed cuts brush but gets out  
30 minutes later than Schultze and  
I will dock him 1/2 day.

I am up at 6-AM. Alma and  
I drive to Pequot Fir Ford spring  
8.10 Back home - work on plot till  
8-50 and L for camp at 9-50 and  
go out on line and help till noon  
All three at Hank's for dinner  
12-40 to 1-30 PM.

I drive Reed and Mike West LV  
Car and walk back to camp and  
figure water levels and map  
Reed and Mike continue line  
S 41° 20' W From Hub 1169.5 W.

2-45 PM - Sharp thunder - hot sun Alt Pg 99

Page 109 -		Sta 100 To	In 1000	In 2000	
112-A	S 22° 22' 1/2" W	Tang =	411.66	823.32	W
111	S 17° 02' W	" =	306.37	612.74	W
110	S 16° 28' W	" =	295.58	591.16	W
109	S 16° 41' W	" =	299.70	599.40	W
108	S 11° 43' W	" =	207.39	414.78	W
7-D	S 10° 26' W	" =	184.14	368.28	W
107	S 7° 45' W	" =	136.09	272.18	W
106	S 0° 18' W	" =	5.24	10.48	W
6-I	S 0° 48' E	" =	13.96	27.92	East
660.91	S 6° 15' E	" =	109.52	219.04	E

Quit at 6-PM. Give Key to Hank 6-40. 10.85. 7.00  
Reed & I drive Mike home to his farm.



June 16-1929 Sunday

Allday home - Alma Reed and I took Mattie K. Wilson  
back.

June 17-1929 Monday

Alma Reed and I drive to Sam Schultze.  
Mike has missed us and we drive to Buff Randall  
cottage and back to Senkins.

June 18-1929 Tuesday.

Cold and cloudy. Up at 6 am. Drive to  
Ramsay Schultze farm - but Mike arrives  
St. Thomas @ 9-05 - get key - send Reed and  
Mike to cut line. They take their own lunch.  
Put up by Alma. I will eat dinner with Hank.

I eat dinner with Hank @ 1-PM

Mrs

calls to get big spikes

PM

still plotting - 3-20 to 3-30 PM Hank calls to see Plat  
Reed and Earl Mike Schultze are out cutting line  
They come in @ 6-30 PM and we all 3 eat supper  
with Hank

Note:

They report that Harold Hardy and  
Road Contractors are cutting a 26 foot road  
south of our south street line from Hub 145350 Platon by  
116 this book. Hank must have started them wrong

I pull out about half my hair -- the poor damn sons  
of bitches -- Just wait till morning!

We will have to throw the East end of the street  
26 ft further south and the West end about 10' N  
at hub 1169.5 Pg 116 This is hell

After supper we take dropting table out in the  
yard for more light and work on Plat till dark.



135 June 19-1929 Wed

up at 7 Breakfast 7-30 out at 8 am  
Harold Hardy arrives at 8-45 and finds  
Reed. Schultze and I correcting line  
They help us live hour to cut out  
New South Boundary of street  
Contract

Harold Hardy

took contract from Hank Oberbillig  
to cut a 26 foot road along our 33 ft  
streets for \$50. flat providing the  
streets were not over  $\frac{3}{4}$  mile in all  
and if longer - Hank is to pay them  
in proportion

How the devil they got over the line  
is more than I can understand

They say Hank showed them where to  
cut. I had road stakes plainly marked  
all along the line. 12-15 to 12-45 Dinner

P.M.

Earl and Reed cut SW angle I work on  
map. 3-55 PM - Thunder - Cloudy - storm coming

4 PM I take Ford to get them. 4-10 meet them

coming with Hardy - 4-20 in camp - Rain  
pours - 7-30 supper - 8-15 Reed and I go home  
Mike stays alone - Evelyn Klodt's first night with  
Alma.



June 20-1929 Thursday

Earl Schultze works alone - Reed and I  
all day in Jenkins. Fix Ford at Olson's  
Garage - pay Harry VanCleve \$36.50 + .35 =  
\$4.00 Steoring gear. Rec'd \$20 from O'Brien

June 21-1929 Friday

Reed and I L. Jenkins @ 8 AM. Take our  
own lunch - ar 9.08 am. Mable Oberbillig  
pays me for Flour \$2.25 brot 1 day and  
.75 for milk before = \$4. in acct.

Schultze has left and Mable gives  
me his lunch to take out.

Reed and I stop a minute at Dr  
Naegeli's Cottage and drive to Hat 1548.55

Reed runs Heller Transit

$\pi$  over Hub 1548.5 S. Run 90° East 15 ft Hub  
 $\pi$  over 15 Sight North on Hat 15 E of 661.14  
Rake in line N-S.

1548.5  
707  
1477.8

661.14 S Hat about 1248.5 Hat. 1477.8 S Hat  
in line with New So Bdry of Street runnings Svr  
1548.5 Hat under Transit  $\pi$ . + 40.3 =

1588.8 Hat 1.8 West of US PRM N=140

"Mike" corner @ 11-40 AM and out continue

South 131.10 To 1719.9 Hat - Mhd 1720' abt E 0.10 of foot  
@ 1700 Set Hat @ 1720 Hat @ 1728 Top Hi Cut Bank  
cook coffee - dinner



June 21-1929 Continued P.M.

Figuring: US Map Shows N-S-Line bet 9-10  
East of MS Bench Mark N<sup>o</sup> 140--but it does not  
show how far East. I will lay my line  
Over Center of B.M. N<sup>o</sup> 140 for OK.

1588.8 into 1.80 = .001133 E for each foot S<sup>o</sup>

661.14 S gaus E 0.75    1248.5 S gaus E 1.42

1477.8 " " E 1.68    1548.5 " " E 1.76

1588.8 " " E 1.80 = IM. B.M. N<sup>o</sup> 140

1700.0 " " E 1.93

1720.0 " " E 1.95

1588.8 + 111.2 = 1700.0 + 131.2 = 1720

3-4-9-10-137-28 Ch

South along line line -

300-600-661.14 Hub SEC or

Webber's "North 40 Rods" (= 660 Ft  
@ 90° to Sec Line Running West)

1200 +

1500 - 22.2 = 1477.8 Hub on line  
Sec line in line with So Side  
of 33 foot sheet running SW

1500 + 88.8 = 1588.8 S<sup>o</sup> = US B.M.

1700 Hub 1720 Hub 1723.5 old stake  
Near Bunk. We tie in 4 inch Iron B.M.

1588.8 S. on line Sec Line

JP 15 N 38° 20' W 56.4 } To Flat spot at base  
 JP 10 N 55° 10' W 33.5 } Turned from line Sec  
 Pop 9 S 47° 30' N 41.2 } Line north

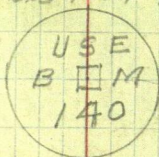
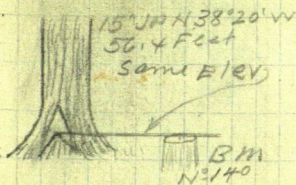


June 21-1929 Continued

9-137-28

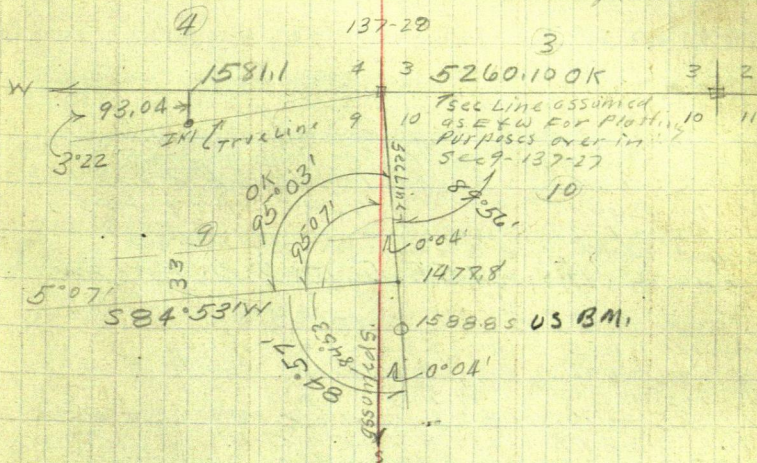
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We also preserve the elevation we have off the SW side of the 15 inch J.P. BT and Notch the point of same elevation in the rock Tack in top



US BM 1588.8 Ft So.  
of Cor 3-4-9-10  
137-28 on line

T over 1588.8 Focus Northern line line and  
Rake in the whole line north + so to lake  
Also set tall stakes 16.5 and 33 ft East



Thunder storm @ 5.40 Rush to camp in car  
at camp 5.50 supper @ 7-10 to 7.40  
all sleep at vaegers cottage



June 22-1929 Saturday

up @ 6-30 Breakfast 7 AM. Lve 7-20 Reed Mike  
and take lunch put up by Mable. From Hub 1477.8<sup>5</sup>

West 584.53' W on S side of street @ 33' & 35'  
set stake 300 stake + 88.9 = 388.9 Hub + 281.6 =  
670.5 Hub. Heller Transit double Center  
for adjustment 300 ft steel tape + 336.7 =  
1007.2 Hub - 167.2 = 1174.4 intersect  
West Side of Street 13.3 NE of 1169.5

Travel 1174.4 BS N 84° 53' E. W side of street  
NE seems to check OK @ N 34° 25' E P 9116.

S 41° 15' W passing 1.6 to the Right of Hub  
1169.5. Take in a line of hubs away  
to west. Cook Coffee - eat dinner and  
then chain S 41° 15' W P.M.

160.7 - 266 - 300 - 246 + 159.5 = 425.5  
246.0 + 189.1 = Pulled up  
246.0 + 189.8 =  
246.2 + 189.5 = 455.5 Hub on E-W line

Travel 455.5 BS N 41° 15' E

Hub N = 6-D Bross S 62° 27' E 89.7  
" " 6-I " N 62° 27' W 108.7

455.5 + 300 = 755.5 Hub

755.5 + 76.9 = 832.4 Hub intersect E-W

Line 33.3 ft West of 136" = "7-B"

755.5 + 170.8 = 926.30 Hub

755.5 + 265.4 = 1020.90 Hub under Transit

Continue S 41° 15' W

+ 29.1 = 1050 Stake + on slope @ 1150 foot

1050 + 300 over down = 1350 stake on

side of slope 1350 + 138.1 = 1488.1 Hub

under T. + 300 = 1788.1 + 158.1 = 1946.2

Hub on top + 24.3 = 1970.50 Hub under T

Thence down Hill 2040 Feet E-W

1970.50 + 200 = 2170.50 Stake + 30.9 = 2201.4

2201.4 intersect E-W Line 286.2 E 79 N 17



June 22-1929 continued

## On Island

From Hub 2201.4 continue  $54^{\circ}15'15''$ 

@ 2255 enter 4 foot contour of Island

- @ 2201.4 + 8518 = 2287.2 Hub under T  
on Island @ Hub in low draw

R-L. @ 2287.2 + 193 = 2480.2 Hub on

SE side of Island 20 ft from SE edge of

4 ft contour and 50 ft from water

7.03 PM

June 29-1929? Dr Naegeli drives thro  
SerkimJuly 1-1929 Reed and I to Cross Lake get  
check from Carl. Then to Peguana and home  
PMReed and I in old Ford drive to Naegeli  
Camp. Doc takes US in his motor  
boat and decide to throw 50 end of season  
about 100 ft EastTalk with Harold Horley and home to  
SerkimJuly 2- Pay Becker 1 lb each \$7. for stake timber  
Stakes 8 4.50 Paint 8 2.50 = 37.

July 3-1929? Wed

Doc and Hank call at my office in Serkim

July 5 Pay Geo Smith ch 32.50 for fuel for work  
May 28-1929

July 7-1929 Sunday

Reed and I work on maps. Page 137  
Hub 1477.85 RUNS  $84^{\circ}53'W$  1174.4  
Tang  $5^{\circ}07' = 89.54$  in 1000.1174.4 RUNS  $54^{\circ}15'W$  Tang = 877. in 1000 = 1754 in 2000  
Paint stakesJuly 8-1929 Monday Reed and I finish  
Preliminary map and drive to Doc who  
approves then home via Schultze's  
Lod Spornitz and  
young Dwight Curo goes  
along John W Curo



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July 9-1929 Tues

Reed and I take big lunch and @ 8 AM  
Lv Jenkins in our old Ford Pick up  
Earl Schulltz and his lunch and  
Cut line on n-s-streets. cook Coffee

PM

Dr Naegeli comes out with Bill King  
and Hank Oberbillig - Harold Hardy  
plans to throw up his contract for  
Cutting  $3\frac{1}{4}$  mile of 26 ft road @  
\$50. flat with an additional \$20 for  
500 feet bal more or less

Dr Naegeli then arranges to pay  
him more. Shows all PM  
we work late - stake Lts 1-2-3-x  
Call a minute on Doc and then  
drive home to Jenkins. Drop Mike  
off at his road

July 10-1929 Wed

I Lv early - To Pig Lake and back meet  
R.F. Romaley who will pay me \$75 to  
get his East line and lay out his curve  
back home 7-30 Reed not ready - I eat  
at Lawson's pick up Mike and we work  
alone on n-s-road line home late



# Time Sheet Page 84-120-142

1929 Working For Dr. Wm C. Nagel, May Others

July 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 SUN

John W. Goro @ \$15 0 9

Cor @ \$1 0 9

Exp 87 0 9 5 1/2

Schultz @ \$2.50 4

James Reed Goro @ \$2.50 4



July 11-1929 Thursday

Reed and Carl early - Pick up Mike and they work like hell all day Cut lines @ 90°  
Do good work I work in office on map & rails

July 12-1929 Friday

I work all day on map - Reed and his Ford and big lunch Lvs early picks up Mike Schullje

Too hot to work - Reed comes home Mike works alone - eats lunch at 12-30 to 1-P.M. works 1 to 2 P.M. and walks East and watch Walton drive well point Talks with Hank.

Reed takes Dwight's whippet with Alma - Mattie - Lsd Spornitz - and young Dwight and comes for Mike But Mike says he will go home with Marion Walton

July 13-1929 Sat

I and Reed pick up Mike and work hard all day - Doc and Hank come out home late



July 14-1929 Sunday.

Reed and I pick up Mike and we set stakes as shown by the plot 25 to 30

One Man-wife and son come out on line and says all owners will be up next Sunday to select their lots-

Doc come out @ 5 PM near lat 30-

@ 6 PM we quit and pack in loads. Reed and I take Mike home to his farm

July 15-1929 Monday

Too hot to work monkey some on flat I make new drawing board. I/O Jack and Joe come at 11 AM then out to cartage

July 16-1929 Tuesday

I work all day on map. Alma - Reed I/O and I in Birch drive to Pequot.

July 17-1929 Wed.

I am on map. Figure acreage  
of outlot A and 40 = 74 =  $22 \times 630$

630 and 740 = 1370 =  $685 \times 330$

740 and 1000 = 1740 =  $870 \times 380$

92 and 2 = 94 =  $47 \times 1030$

VIZ

①  $22 \times 630 = 13.860$  Feet

②  $330 \times 685 = 226.050$

③  $380 \times 870 = 330.600$

④  $47 \times 1030 = 48.410$

$43.560 \quad 618.920$  Feet

14.21 acres

Total for big outlot.



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July 17-1929 continued

Heritage: Figure Triangle From Pt  
opposite Cor Lots 3-4 @ 90° Thence N.W  
To APT opposite Lot 29 VIZ

50 and 0.16 =	$25 \times 450 =$	11,250 Feet
364 " 0.0 =	$182 \times 450 =$	81,900
	43,560	93,150 Feet
		2.14 acres

Figuring The North 250 feet

630 and 716 = 1346 =  $673 \times 250 = 168,250$   
= 3.86 acres

PM

4:30 PM - Alma and I take preliminary plat  
and drive to St Thomas Camp. Find Doc Haegeli  
and family eating supper at Hanks - we decide  
to call plat "Big Whitefish Narrows"

6:35 we are back in Senheim where I  
continue on plat  
Reed takes Kempers kids swimming

July 18-1929 Thursday

12<sup>th</sup> m noon  
I decide to go to Mpls to finish our Blue Pts  
Ilo colls forms to go to Lox Johnsons  
Reed together - Reed and I drive out & back  
Ilo stays at camp

Dwight says he will drive me to Mpls  
for \$5. to pay gas cost I drive

Reed and I come home via Peguap where  
I get \$36. pay Dwight \$5 and Dwight and  
his wife get \$10 and we get to Senheim  
@ 3-45 PM. at Mpls in 5 Hrs

Lv Cor at Standard Garage. \$50<sup>00</sup>

Room 41 at

Go to & Talkie at State theatre 60¢ & 60¢

July 19-1929 Friday

7 am call Theo Laggard at his Res. Howley Coaster  
office at 8 am. He decides to make a new plat  
Wednesday. Dwight and I go to Springfield  
Theatre 30¢ and 30¢ 7-30 PM Theo has finished  
plat and 12 Blue Pts. I pay him \$130 each  
and at 8-30 we start for home on Lakes  
4-30 PM (July 20)



July 20 - 1929 Saturday  
 pay Olson garage \$2. for auto service  
 Figure up carb

Drive to St Thomas Reed and I set stakes

July 21 - 1929 Sunday

Reed and I number stakes -

2-PM.

Meeting of Owners of the plat gather  
 at Dr Naegeli Cottage to select lots

I go with Dr Kline. Broos <sup>4th</sup> Ryan  
 to again inspect their lots Ramsey  
 Schultze <sup>4th</sup> family brings Earl and Earl  
 goes along - Reed marks last of stakes alone

About 3- PM.

Meeting called to order. all present  
 except Earl Hadel Dr Actley selects  
 lots by Proxy for Hadel. My ballots  
 which I hold in a hat and names  
 for first choices drawn by Kemper  
 Dr.

### Select Lots

Naegeli has 9 lots all others 3 each: 30

First Choice - 2<sup>nd</sup> - 3<sup>rd</sup>

Naegeli 1-2-3. 5-16-7 28-6-29

Lindsey 4 20 21

Kemper 22 18 8

Kline 10- 23 9



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July 21-1929 Continued

## Selecting Lots continued

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
Dr Ackley	11	17	25
Ryan	15	12	30
Hodel	13	26	24
Broos	14	19	27

Outlots 1 and 2 are to be decided to  
 Henry Oberbillig and Mahle Oberbillig  
 his wife with certain restrictions that  
 in the event of sale original owners are  
 to have first chance to buy at actual value  
 at time of sale

The following bills were presented  
 allowed and paid in check by  
 Dr Vaezeli

Cost of Survey in 3 bills viz  
 N<sup>o</sup> 1. Henry Oberbillig

Boarding Survey crew and  
 assisting in survey

130 meals @ 50¢ = 865

2 days work @ \$3. 6

Pd Axman Valh 24y 6

\$ 77

Paid to Oberbillig in check by Dr Vaezeli  
 and receipt in full taken



## Cost of survey in 3-Bills continued

Bill N = 2.

Earl Schultze assisting in survey

32 1/2 days @ \$2.50 = \$81.25

Pd by Naegeli by Ch. Schutze & receipt  
in full taken

# 3.

John W. Curo. (Engineer work &amp; Expense)

April 2 days May 8 days June 15 1/2 days

July 9 1/2 days = 35 days @ \$1.50 = \$52.50

Car with crew 29 days @ 1.00 = 29

Chambers: Benson 2 days: Smith 1.

Reed 22 = 25 days @ 2.50 = 62.50

Slakes - paint - mow 3.50

Reed from Dr. Naegeli Ch 620.00

1.00

Total for Curo 520.00

Paid by Dr. Naegeli in Ch

to Curo and receipt in full taken

77.00

Total cost of survey 81.50

620.00

including everything

778.50

Note: I am to set more cions

Make and file plat and pay for filing  
myself and to furnish 30 or more blue  
prints all free of cost



July 21-1929 continued

Plat contains: **Big White Fish Narrows**

All of Gov Lot 1 except the North 40 Rods

All of Gov Lot 2. <sup>also</sup>

The North 1060 Feet of Gov Lot 3.

Sec 9- T137-R 29

Original Company Still own

All of Gov Lot 3. except the north 1060 feet.

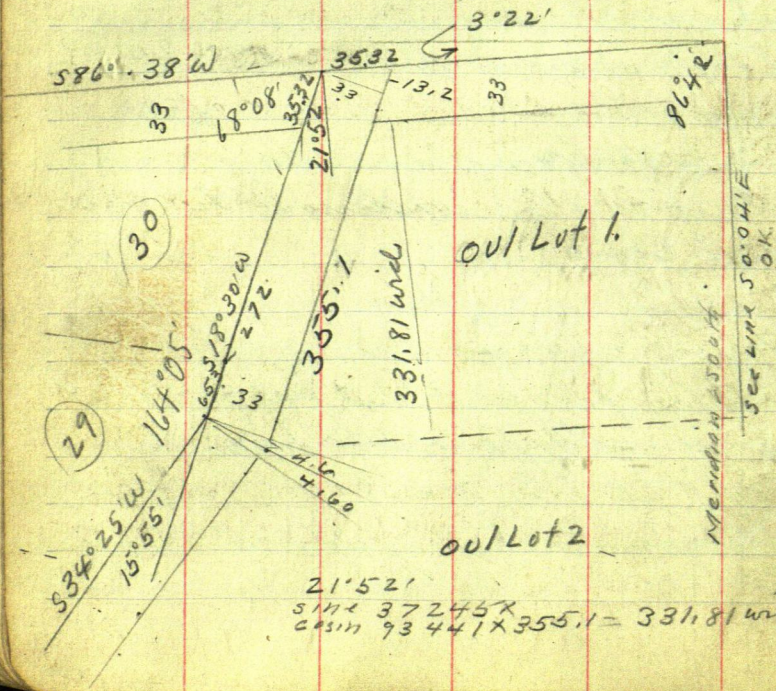
Also Outlots 3 and 4 of Plat Big White Fish Narrows

All in Sec 9- T137-R 28 Crow Wing

Co Minn. To be decided by George L

Kline and Eva H Kline his wife

To the original Company





August 5-1929 Monday

Reed and I in our new Ford - take Mattie and Alma and drive to Mpls and back  
 Lv Jenkins @ 5-30 AM on Hotel Summit  
 10-30 AM Room 103 - Pd \$1.50 Car @ Standard  
 Garage 50¢ Hotel Summit 2nd Av At 3rd St  
 Mpls. We all eat 11-30 to 12-30 at Green  
 Lantern Restaurant PM

Reed and I call on Theo Lagaard  
 709 Globe Bldg. Draftsman<sup>at</sup> Blue Prints -  
 I give him instructions as to blue prints.

Alma - Mattie - Reed & I go to The  
 Minnesota @ 30¢ x 4 = \$1.20

Telephone R G Patton and eat  
 scads of lunches and @ 7- to 8-30 get  
 on our way for home. Eat a few  
 times enroute and at Jenkins at  
 Midnight 12-10 midnight let Mattie  
 out at home

Aug 6-1929 Tuesday.

Alma - Reed and I take over lunch  
 and drive to White Fish Lake - where  
 find Ilo Jack - Tony and wife sleeping  
 we all eat breakfast then Reed & I  
 get to work



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Aug 9-1929 Friday

Rec Sample Blue Print from Laggard

Aug 12-1929 Monday

I correct Blue Print Figuring

Big Whitefish Narrows

Outlot 1. West end

$$21^{\circ}52' \overset{\text{Sine}}{\text{Cosin}} 93441 \times 355.1 = 331.81$$

East end Outlot 1.

$$86^{\circ}42' \overset{\text{Sine } 99834}{\text{Cosin}} 331.81 = 332.36$$

Figuring East End of the Webber 40 Rods

Via Sec Line

$$86^{\circ}42' \overset{\text{Sine } 99834}{\text{Cosin}} 660.1 = 661.10$$

$$86^{\circ}42' \overset{\text{Sine } 99834}{\text{Cosin}} 33.1 = 33.05$$

Try NE Cor Lot 1.

$$5^{\circ}03' \overset{\text{Sine } 08803}{\text{Cosin}} 33.13 = 2.92$$

$$3^{\circ}18' \overset{\text{Sine } 05756}{\text{Cosin}} 33.13 = 1.91$$

$$\begin{array}{r} 292 \\ 191 \\ \hline 1.01 \end{array}$$

$$\text{NE Cor Outlot 1} = 661.1 + 33.05 + 1.91 = 696.06$$

$$\text{NE Cor Lot 1} = 1478.8 + 2.92 = 1481.72 - 33.13 = 1448.59$$

$$1448.59 - 696.06 = 752.53 - 332.4 = 420.13$$

Figuring around Outlot 1-2

= "A" SE Cor Webber Land 661.15

$$30^{\circ}04' \overset{\text{Sine } 00116}{\text{Cosin}} 816.7 \times 1000 = 816.705 = \text{B}$$

$$\text{B} = 816.705 \text{ Run } S84^{\circ}53'W 1174.4 \text{ T.C.}$$

$$\overset{\text{Sine } 99602}{\text{Cosin}} 1174.4 = 1169.73 \text{ W} - 0.95 = 1168.78 \text{ W}$$

$$\overset{921.435}{\text{Cosin}} 08918 \times 1174.4 = 104.73 \text{ S} + 816.7 = 921.435 \text{ C}$$

$$\text{C} = 1168.78 \text{ W Run } N34^{\circ}25'E 640.7 \text{ T.D}$$



# Naegle and Kline

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Aug 13-1929 Tues

$$\sin 56521 \times 640.7 = 362.13 \text{ E} - 1168.78 = 806.65 \text{ W}$$

$$\cos 1482495 \times 640.7 = 528.55 \text{ N} - 921.63 = 393.08 \text{ S}$$

D = Angle Pt in Lot 29 =  $806.65 \text{ W}$  Run N  $1830^{\circ}$  E  $373.17$  E

$$\sin 31730 \times 373.1 = 118.38 \text{ E} - 806.65 \text{ W} = 688.27 \text{ W}$$

$$\cos 94832 \times 373.1 = 353.82 \text{ N} - 392.88 \text{ S} = 39.06 \text{ S}$$

$$39.26 \text{ S}$$

E =  $688.27 \text{ W}$  Run N  $8638^{\circ}$  E  $655.25$  To F = A ?

$$\sin 99827 \times 655.25 = 654.12 \text{ E} - 688.27 \text{ W} = 34.15 \text{ W}$$

$$\cos 105883 \times 655.25 = 38.48 \text{ N} - 39.26 = 0.78 \text{ S}$$

"F" Should = "A" but we check  $34.15$  Too Few W  
 $0.78$  " " S

See Plot Pg 116-

Reed and I work on Garage

Aug PM

3-PM Gerald arrives from  
Sacramento Calif

Aug 14-1929 Wed

Gerald-Reed and I work on  
Sorenson Survey PM

I drive to Pine River and back  
to see Haro Crommett

3-30 PM

Gerald & I check Big Whitefish  
Narrow inside Cullot D

N  $86^{\circ}38' \text{ E}$

$$\sin 99827 \times 673.3 = 672.14 \text{ E} - 688.27 \text{ W} = 16.13 \text{ W}$$

$$\cos 105883 \times 673.3 = 39.61 - 39.26 = 0.35 \text{ N}$$

$$0.04' \text{ Tang. } 0.0116 \times 161.1 = 0.77 - 16.13 = 15.36$$

$$-15.0 = 0.36 \text{ E}$$

OK. checks  $0.36 \text{ E}$  and  $0.35 \text{ N}$ .



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Aug 14 - 1929 continued  
Angle @ NW Cor Outlet 1

$$21^{\circ} 52' \text{ Tang} = 40132 \times 33 = 13.24$$

$$655.25 + 13.24 = 668.49 - 35.3$$

$$633.19 = \text{N Bdry Outlet 1.}$$

Note: Plat shows 655.25  
Should be 656.00

Note more: Plat show 630

Should Be 633.2

We will not change the plat  
Figure Acreage

$$\text{Outlet 1} = 630 + 743 = 686.5 \times 331.81$$

$$= 2277807 = 5.23 \text{ A Called } 5.2 \text{ A.}$$

$$\text{Outlet 2 } 420 + 440 - 2 = 430$$

$$\text{Wide: } 743 + 659 = 701 \text{ Long}$$

$$430 \times 701 = 303.150 \text{ Ft}$$

$$43560 / 301.430 = 6.92 \text{ A}$$

Call this 6.8 A OK.

Outlet 3 - Called 2.0 A

$$\text{Outlet 4 - Called } 900 \times 330 = 297,000 \text{ Ft}$$

Called 6.80 acres water & land