

215

FIELD BOOK

360

N^o 215

N^o 215

INDEX

Pett Hawkinson 3 to 17

1/4-19-20-137-28 Pg 3 Small Port 27

1/4 20-21 " 4.

INS. 7.

M^cDevoul Sunny ^{Lot} 2 S. 20-137-28-19, 18 to 61

Robertson 17-21-137-28 63 to 65

¹³⁷⁻²⁸ Ramaley-Taylor Pig Lake 66 to 85

Kamberling Tennis Court 87 to 92

M^cDowell 93 to 96 - to 99

Expansion = Heat ^{and} Cold Pg 11 ✓

Pett Hawkinson Plot 100 to 140

Gould-Sundal Pg 148

Ideal Trip 137-28 Pg 143 Road

July 17-1924 Thurs

Came to survey into 65 foot lots the west 1300 ft
of Govt Lot Sec 20-137-28 @ \$15 a day and board
for Pete Hawkinson

Look up old small field book of the L. P.
Anderson survey also US notes and go to
Jenkins in my new Ford. no pay

July 18-1924 Friday

I tell Hawkinson I will survey his place in
3 day @ \$15 or "about 3 day" he and I in my
car drive to see town board Ideal Temp. I
offer to furnish I.M.S. Free if they will come

Sunday as Witnesses so as to Officially
set 1/4 Cor on West and East sides of sec
20-137-28 no pay for me from them
P.M.

Jack Lawrence helps Pete and I
"monkeys" look up my old point At
1/4 Cor Bet 19-20-137-28

US Notes call for $JP 45 70 E 58 = 38.28$ FT
 $JP 4 N 43 \frac{1}{2} W 16 = 10.56$ FT

(See My Small Field Book N^o 27.)

Note: Point of old US BTS. still here & ch ok.

My Book N^o 27 gives Latin BTS viz

NP 6 N 45 W 43.6 FT $CT 40' 0$

JP 11 S 12° 20' W 29.95 FT

④ July 18-1924 Cont'd

SE corner of fence is north 16.5 to heart of post
NE corner of fence is south 17.5

$\frac{1}{4}$ is 1 ft N of so wheel track of E & W road
Lawrence - Howherson and I chain in
and set small $\frac{3}{4} \times 6$ " peg - then dig
down and find very old 1 inch oak
stake which is the line $\frac{1}{4}$ and set 2
inches from our new peg.

We show John Hamner the old
 $\frac{1}{4}$ Cor and he says he has watched
this corner 25 years and that it
is correct

I have older bearings for this corner is
 $\frac{1}{4}$ Bet 19-20-137-28

Spot 4' up on 12" JP N 18° W 21.00 FT
13" JP N 67° E 41.20 FT (stump here now)

Ed Barnum?

owns the land NW and says corner ok.
has been here for years and years

We go by boat to

$\frac{1}{4}$ Cor Bet. 20-21-137-28

where US Notes Call for @ 10° W

Aspen 7 N 54° W 35 Lks =

Aspen 6 N 60° E 31 Lks =

We find $1\frac{1}{4} \times 20$ " IM New BTS viz

8" Oak S E 27.25

6" Oak S W 57.40

See Pg 14 Small Book 27.

See Co Record 144.

July 19-1924 Sat

Reed and I go in my new Ford to
Brainerd and back. Get 10. Standard
IMS. and 11 anchors meet

H.L. Gorenflo young
Lawyer Cass Lake Minn

Meet Mr and Mrs Tilsworth

Hubert Minn who want rent for
Cottage on Hubert Lake Vacant Aug 25

6 people @ \$8 a week

4 " @ \$15 a week

Beds - Boats & Table Linen

Get 20 loaves Bread \$2.20

Meat \$3.44 = \$5.64 Take it to

Howherson who gives me ch \$5.65

July 20-1924 Sunday

I and the Ideal Town Board
set 6. IMS. Ole Hoiem and
I drive around and he points
out various us corners also
helps "Lay out"

1/4 cor Bet 19-20-137-28

And stay till we set one NE mon and
I take him home. We set balance

July 20-1924 Continued

Ideal Town Board

Bill King Ch Tel Via Pine River

Jim Elwood Tel Via Peguot 59-14

Antone Munson Tel Via Jenkins

All like dinner with Pete

Hawkenesen (P.O. Hawkenesen)

We set 5 Ims at $\frac{1}{4}$ bet 19-20 all well anchored in stone and well mounded - the Center Im is in E & W road one foot N of South wheel track Gurley Transit $8^{\circ}0'$ looking South Note: Line cuts Bet 2. tall Jack Pines a mile South which is about the line line which I expect to run later

We all then go in boat to

$\frac{1}{4}$ Cor bet 20-21-137-28

Previously established by me from old US BTS. pull up $1\frac{1}{4} \times 20'$ iron and put in Big standard US $\frac{1}{4}$ Mon - well set in stone and big hi mound. Bath corner set by and in presence of Town Board

I. donate Time and Monuments to the Twp free. Board gets \$3. a day.

all
set in
stoneSEC 19
T137 R28
N45W 40FT
W17 1/4SEC 20
T137 R28
N45E 40FT
W17 1/4Hill 4'
mound

19

in Q. E. W.
road

SECS

19-20

2x48"

T137 R28 4" Cape

1/4

20

2107 SN
4/1 LIM
545W 40FT2107 SN 2x48
4/1 LIM 34x43 1/4
545E 40FT "oval"
along Cape

All set in stone & at each rim

Oak 88
" 65E 27.25
W 57.40Set in stone & Rich
2x48" Cement Core

T137-R28

Sec
20SECS
20-21
T137 R28
1/4Sec
214" oval Round Caps
Large high mound

Quit early - eat 4 PM lunch with
Town Board at Hawkensens and
Lake Alma - Wes, Mattie and Reed
to show at Beaumont Wesley Orys.
8 gals gor. Home to Jenkins &
1-30 caught in stone so of rainwa

John W. Curo

8

137-28

July 21-1924 Monday

Drive Wesley to fix up tel poles in am.

P.M. Tighten hi band in Ford - put
pint of light oil in gas 50¢ 1/2 off

2-30 PM meet Jack Lawrence

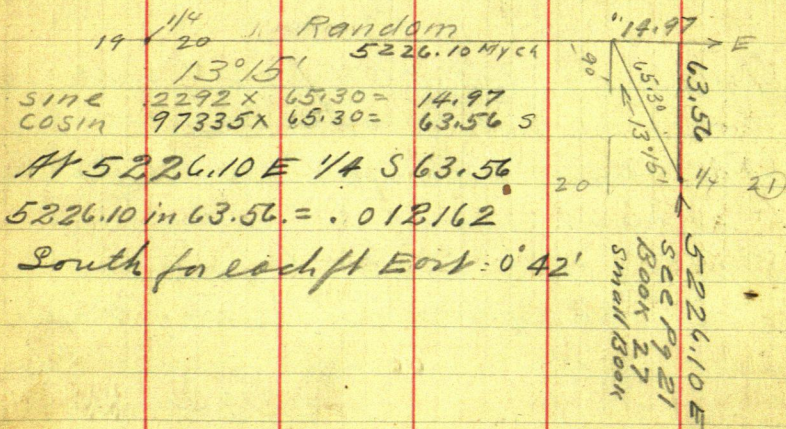
P.O. Hawkenen and

at 1/4 bet 19-20 - 137-28 where we
trace lall flag and run an old line

East random thro & sec 20

no chain set hubs - Lawrence sets
double center (1/2 inch apart) across
Bertha Lake - Reed on West beach with
big red flag and Peet on E side with
Field Glasses. Take π over lake

Continue line East 1/2 ft near 1/4

Hub 0. from which 1/4 Cor bet 20-21
bear S $13^{\circ}15'$ E 65.30 Feet

July 21-1924 Cont'd

"O." is hut 63.56 N and 14.97' W of $\frac{1}{4}$ Cor Bet
20-21-137-28 from which we chain

West on random from the West

"O" = 14.97 W

$$0 + 128.2 = 143.2 W = 5082.90 E \checkmark$$

$$0 + 300 + 36.8 = 351.8 W = 4874.30 E \checkmark$$

$$0 + 300 + 139.6 = 454.6 W = 4771.50 E \checkmark$$

$$0 + 300 + 192.4 = 507.4 W = \overset{46.7 W}{4718.70} \overset{4712 E}{E} \checkmark$$

$$0 + 300 + 225.10 = 540.10 W = 4686.00 E$$

Note: 4686. East is 20 ft E of top of hi
bank and 60 ft E of water Berthol.

Correction = .012162

East and W L Sec 20-137-28

✓ 4686.00 E goes S	56.99 OK ✓
Chain W 6.7 ft	4712.00 E S 57.31
4718.70 " " S	57.39 OK Hili W. Pond
✓ 4771.50 " " S	58.03 OK ✓
✓ 4874.30 " " S	59.28 OK ✓
✓ 5082.90 " " S	61.82 OK ✓
5211.10 " " S	63.38 OK
5226.10 " " S	63.56 OK

Corrected Hut 4712 sets 4 ft W of House
and 3.65 ft N of Camp post SW Cor

July 22nd 1924 TUES

Lr home in Jenkins in my new Ford @ 8-20 am. Lr Reed at Lawrence farm - Pick up Jack L. and with Peet Hawkenson and his boat go to "Island" and

Correct E-W & sec 20 as given on Page 9 - This book

At Hut 4686.00 E. Chain 90° to random 556.99 ft and set 2x30" W. Oak hut on line E-W & 5' E of brink and 40' E. of wall
7" W. Oak N 53° 45' E 22.08 Ft. to nail of bore
8" R. Oak S 39° 21' E 28.33 " } Turned from TRUE E-V-LINE
SW Cor of 7x8" Cement post under SW Cor. of house bears S 82° 50' E 29.30 ft

Set 2x70" W. Birch with Red Flag on E. side Bertha Lake on line E-W & at corrected Hut 4686.00.

Set 2x20" birch hubs at all plin
mhd '8' P, 9 then dinner with Hawken
PM

Beg @ 1/4 bet 19-20-137-28 chain

East random & sec 20.

300-600-800-900-1200 stn

1228.70 Hut where road turns NE

$$1200. + 106.52 = 1306.52 \text{ E set Hut}$$

Temp $\frac{1}{16}$

$$1395 - 1500 - 1700 \text{ stake} + 115.60 =$$

$$1815.60 \text{ Hut Note } 1815.60 - 16.20 =$$

1799.40 in line with E side M^o 20
house hole; Pg 19, Small Book 27

of Jan 3-1920 gave this distance as
1801.50 = 2.10 shrinkage in chain
Difference in temperature

$$\text{Continue E. @ } 1700 + 135.40 =$$

$$1835.40 \text{ E. Hut} + 54.6 = 1890 \text{ Hut}$$

$$1835.40 \text{ E} + 64.60 = 1900.00 \text{ E}$$

Hut on NE side hill 12. $\frac{1}{16}$ W of
sea wall

For sand point see Small Book
27-Page 19.

$$900 \text{ Hut} - 12.28.70 \text{ Hut } 1395 \text{ Hut } 1500 \text{ Hut}$$

$$1200 \text{ Hut} \quad \text{See Pg 19-Book 27}$$

Note - Expansion^{and} Contraction
of Chain Jan 3-1920 and July 22-1924
= 2.10 short in 1801.50 = .001166 W

$\frac{1}{16}$ Hut 1306.52 goes West 1.52

To 1305.00 E Then S 15.89 To

Tree W $\frac{1}{16}$ Center W $\frac{1}{2}$ See 20

Correcting E-W & Sec 20-13728

✓ 900 E goes so	10.95 OK ✓
✓ 1228.70 E goes S	14.95 OK ✓
✓ 1305.00 " " S	15.87 = 15.89 ^{OK} ✓
✓ 1395.00 " " S	16.97 OK ✓
✓ 1500.00 " " S	18.24 OK ✓
✓ 1700.00 " " S	20.68 OK ✓
1815.60 " " S	22.08 OK ✓
✓ 1835.40 " " S	22.32 OK ✓
✓ 1900.00 " " S	23.11 OK ✓

= .012162 S

At 1900. E Turn 90° to random
South 23.11 drive 2" pump pipe NE
side hill slope BTS viz

5" W Oak N	87° 00' E	7.35
9" N P H	N 22° 55' W	31.00
5" N. P. S	S 79° 22' W	20.75
8" W P	S 10° 10' E	16.70

To nail in
flat spot at
base of mound
from line
looking East

20. ft west of edge of bank

Have all points checked thus: "v"

Home at sundown. Was with Alma Reed & S
go see

See page 153
Mrs. Classen April 12-
1938 2 oak trees

July 23-1924 Wed

Hawkinson

13

Reed and I pick up Jack Lawrence and
with Burton R. Martin (18) and P.O.
"Peet" Hawkinson stake 65 ft lots East
on E sec 20-137-28. T@ 1/4 bet 19-20
Focus East on line E SE angle reads
89° 15' looking south 1 1/2 ft bet line & Jack
line laps a mile so which may be the
line line. The fence looking 200' N
is 90° to E. Chain along E
East

65-130-195-260-325-390-455-520

Set stakes Between Lots

1-2 2-3 3-4 4-5 5-6 6-7 7-8 8-9

585 650 715 780 845 910 975 1040

Set stakes bet Lots

9-10 10-11 11-12 12-13 13-14 14-15 15-16 16-17

1105 1170 1235

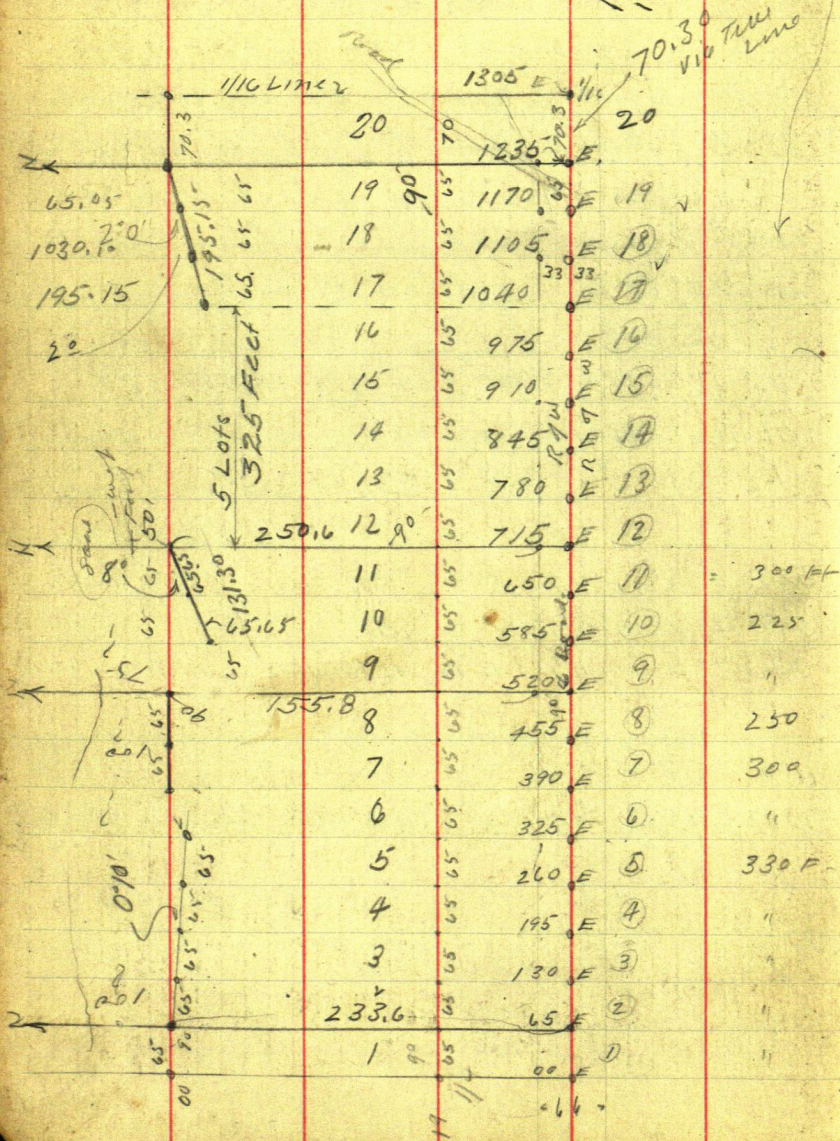
17-18 18-19 19-20

1305.3 = 1/16

$2^{\circ}00'$ $\sin 0349 \times$
 $\cos 9993 \times 65.05 = 65.00$
 $8^{\circ}00'$ $\sin 1392 \times$
 $\cos 9900 \times 65.65$

1305.3 Horizontal
 1306

Length of
lots about
500 feet



Time sheet Working For Pete O. Hawkinson
JULY 1924

July 1924

John W. Curo

Auto

Cypense

Jack Lawrence

Auto

P.O. Hawkinson

Car

Bill King

Car.

dim E/wood

Car

William Benson

Barton H Martin

Hawkinson

15-

July 24-1924

Reed and I pick up (Jack) J. D. Lawrence and with young Martin finish staking lat. for Peet O.H. on shown on page 14.

I & home @ 8-20 pick up Jack and we meet with McDowell and 6 others in regard to survey of their lake shore lots @ \$100 plus \$12 for Lawrence = \$116.⁰⁰ and they agree to cut all brush

Hawkinson and Mrs Martin go to Brainerd - We start @ 10 AM on his work and finish 5-35 Home at 5-45 to eat supper again with Hawkinson who pays us off and we quit

I only charge him for 3 days @ \$5 = \$45.⁰⁰ and he gives me a Ch. Farmers State Bank Peguot. To John W Curo. \$45.⁰⁰

P.O. Hawkinson Note: He says his name is "Peet O.H." -- not "Peter"

I give Jack Lawrence a slip of his time - (Figured @ 8 Hours) says he worked 4 ³/₄ days @ \$350 = \$16.62 Peet gives him a Ch

Copy of Deed E65 FL of W 1170 FT + 11 in full. SW 1/4 NW 1/4 Sec 20-137-28 Subject to flowage rights of US if any + subject to public highways now laid out or used along or through south side of said premises T. Joseph Koppel. \$250.?

July 24-1924

Pect O Hawkinson bot in addition to
Shady Rest the following land:

Govt Lot 3 and SW $\frac{1}{4}$ of NW $\frac{1}{4}$
Some times referred to as the fractional
S $\frac{1}{2}$ of NW $\frac{1}{4}$ Sec 20-137-28
= 34.14 acres US survey he also
owns ?

July 24-1924

M^cDowell Survey

Gov'l Lot 2: Sec 20-137-28

= 40.32. acres US survey

I am to survey and subdivide the above for the various land owner about 7. @ \$16. each

I am to get \$100. flat for the engineer work -- they are all here and will do the work and will give me \$12.00 extra with which to hire Jack Lawrence 4 days @ \$3. = \$12.

Note: At \$3. a day is not enough I will pay Jack an extra \$2. out of my \$100. but he does not know it

I meet the "bunch" who almost agree on the various terms and conditions and finally decide to give and take in case the terms are not what they seem

They all agree that they only want the lake shore where their buildings now sit or within 20 ft of same and if the other fellow's house is too close for comfort

July 24

② McDowell

19

that they will deed over and back
and I agree to do my best for them

Mr McDowell warns them that
they had better "sign up" an agreement
but they feel that they are elastic
enough to act the man even
after the survey.

Following is a slip or summary
Mr McDowell has prepared for me of a
part of the transactions.

1st Deed in 1910 or 1916

Nels Nordholm To W A M^c Dowell
East half of Govt Lot 2.

2nd Same year Nels Nordholm
To Ole Nelson - West half of Lot

3rd Ole Nelson To W A M^c Dowell
All of Lot except West 50 rods

4th W A M^c Dowell To Ole Nelson
West 50 rods of Lot Lot 2

5th W A M^c Dowell To Chas Dillin 200
Feet measured on lake of meets
and bounds

20 July 24

③

1924

6th Lot 2 - sec 20 - 137-28 Cont'd
Ole Nelson T. Fritz Oemcke
West Half of Lot

7th Fritz Oemcke To Henry Peterson
E 10. Acres of W 50 rods of Lot

8th Fritz Oemcke To Chris Deering
280 Feet on fraction measured
on lake (7 acres more or less)
lying directly West of land deeded
Peterson Meets and Bounds

9th Chris Deering? To Johnson
120 Feet and fraction of foot
of land deeded to Mr Deering

10th Henry Peterson T. Kinney
E 5. acres of W 10 @ of W. 50 rods of Lot

11th Henry Peterson T. Carl Feise
W 5 Acres of E 10 Acres of W. 50 rods

Note pencil markings $425\frac{1}{2} = 10 \text{ acres?}$

50 rods = 825 $\frac{1}{2}$

$\frac{13}{17}$

425 - 11	705
280	825
705	121

July 24-1927

4 McDowell

21

It appears that the "East 10 acres"
was supposed to be 425 ft wide along
lake from McDowell's line?

We shall see later Cuso

Jack Lawrence and I eat supper
with Pitt-Hawkinson - then drive
home - but before we go we set 2,
red flags on S side of this lot
2 - sec 20-137-28 on S side of
Bertha lake. 20 minutes work

I will go copy County records
tomorrow also US maps of lake
shore.

July 25-1924 Friday

Fix axe - all AM in Jenkins

PM. Reed and I drive to

Bed. Talk again with

Aldor Elmqvist, East Twin

Lake (511 N. Snelling Ave

St Paul. Mr E. C. Gilkey of
Pegot his agent will help me
survey his land

Govt Lot Sec 26-136-29

3 or 4 days @ \$15. in two weeks

Reed and I go to Ct Ho and Ck

Govt Lot 2-Sec 20-137-28

Book Deeds Page

1	43	"	132
2	41	"	565
3	33	"	373
4	33	"	378
5	50	"	462
6	55	"	356
7	68	"	158
8	67	"	332
9	70	"	130
10	47	"	588
11	65	"	154

Gort Lot 2 Sec 20-137-28

43 Deeds Pg 132 - Oct 26-1910

① Nels Nordholm (unmarried)

To WA McDowell \$225.00

E 1/2 Lot 2 - Sec 20-137-28

41 Deeds Pg 565 Oct 29-1910

Nels Nordholm (widower)

To Ole Nelson \$225.00

② West 1/2 Lot 2 - Sec 20-137-28

Containing 20.16/100 acres of land
more or less

33 Deeds Page 373, Apr 15-1912

Ole Nelson unmarried, T. WA.

McDowell - "all my interest in
and to All of Lot 2 - Sec 20-137-28

Except the West 50 rods this

③ deed is made at the same time
as the second party gives me
a deed to the West 50 rods of said
lot. The intention of both of said
deeds being to fix the boundary
lines between the parties hereto
and vesting full fee title in the
first party to the West 50 rods

24 Lot 2 Sec 20-137-28 could

and vesting full legal title in
the second party to all of said
lot except said West 50 rods
(one daller)

33 Deeds Pg 378

Apr 15 - 1912 One daller

W.A. McDowell and Anna J. his
wife to Ole Nelson The West
50 rods of lot 2, Sec 20-137-28

(X) This deed is made at same time
as Ole Nelson above named has
given to W.A. McDowell a quit
claim deed to all of said lot except
W-50 rods and the intention of the
parties hereto is to vest fee title in
the W 50 rods of said lot in Ole
Nelson and fee title in the
balance in W.A. McDowell

50 Deeds Page 462

May 21 - 1914 \$100.00

(5) W.A. McDowell to Charles
J. Wilton commencing on N.
line Lot 2 - Sec 20-137-28 - 50
rods E from NW corner South

Lot 2-See 20-137-28 ^⑧ McDowell 25

parallel with W. line to Lake Bertha
65 rods more or less - thence East-
erly following the shore line -
200. feet - N-1/4 parallel with W
line to North line - then West
only to place of beg - Excepting
all over-ails - minerals &c.

55 Deeds Page 356. \$1000.00

May 7-1917. Ole Nelson (single)
To Fritz Oemcke. West half

⑨ (W 1/2) of Lot 2-20-137-28

20 acres more or less according
to govt survey thereof

68 Deeds Pg 158. \$1.00 and other?

August 24-1920. Fritz

⑦ Oemcke and Louise his wife
To Henry M. Peterson. The
East 10. acres of West 50 rods.

67-Deeds Pg 332. \$1.00 &c.

⑧ May 27-1921. Henry M Peterson
and Elsie his wife To E.M. Kenney
E. 5. acres of E 10. acres of W. 50 rods
Lot 2-See 20-137-28

26

July 26-1924

9

Lot 2 Sec 20
137-28

70 Deeds Pg 130: \$2100.⁰⁰

January 6-1922. Fritz

Oemcke and Louisa his wife to
Inez P. Dearing. Commencing
@ SW. cor of a certain 10. acres hereto-
fore conveyed -- to Henry M. Peterson
Aug 24-1920 -- Recorded Oct 1st 1920
in Book 68 deeds page 158

Thence running in a Westerly lin-
ection following the shore of Lake
Bertha 280 1/2 ft; Then N parallel with
W. line, to the public road Thence East
on side of public road to NW cor
of the land conveyed -- to Henry M. Peterson
as aforesaid. Thence South parallel
with W-line of Lot 2. 1 1/2 pt of beg = 7. acres
more or less --

Portion of 1st part grant to party of 2nd
part and her heirs -- an easement
over the road heretofore traveled by
the parties of the 1st part, going in
a northerly direction to the public
highway &c.

Gort Lot 2 - ¹⁰Sec 20 - 137-28 27

47. Deeds Page 588. \$1050.⁰⁰

Jan 6-1922, Inez P. Deering
and Christopher R. her husband
To Merti's M. Johnson

Commencing at SW. Cor of a certain
10 acres conveyed to Henry M.
Peterson Aug 24-1920. Filed
Oct 1-1920 Recorded in Book 68
of deeds page 158: Thence

running in a Westerly direct
ion following the shore of Lake

Beatha 120. $3\frac{3}{4}$ feet. Thence

North parallel with West line of

Lot 2. To public road Thence

East on said road to NW cor

of land conveyed to said Henry
M. Peterson or aforesaid: Then

South parallel with West line

of Lot 2. to pt of beg Subject to

a mortgage in favor of First Omaha
\$1050 - Easement R & W

on the road as now traveled past
the house on the tract of land
immediately West of the tract
hereby conveyed. Note Roads

Later If Necessary

John W. Cress

Notes Apr 6-1922 corrected by phone
120. $3\frac{3}{4}$ - Nat 3/4 - Thompson

10

65 Deeds Pg 154 81st etc

March 6-1922. Fritz Oerncke
and Louise his wife to Henry
Oerncke. The East $\frac{1}{2}$ of parcel
-- described viz: Commencing
at NW Cor of land conveyed to
Inez P. Deering Jan 6-1922 Filed
Jan 14-1922 in Book 70 Deeds Pg
130. Thence West on sec line to
NW Cor Lot 2. Thence S. on W line of
Lot 2. 1/2 Lake Bertha Thence in an
Easterly direction following the
shore to the SW Cor of tract conveyed
to Inez P. Deering as above recited
thence in a northerly direction
parallel with West line of -- Lot 2.
To place of beg

July 26-1924. Reed and I finish
copying about notes. We came from
Jenkins to Brainerd via Breezy Point
Mrs Faucet offers \$40 a month for a
"maid". I talk to her but she takes the
Bus to mpls. Reed & I go back to
Jenkins. Harold's dance lot crowded
home over int. Note: I showed the Harold's
"cheerful" letter which I got yesterday

(12) McDowell

29

July 27-1924 Sunday

Alma Reed-Wesley. Mattie & I
L. @ noon Wesley pays for 5 gal.
gas. We drive to Huntsville eat
lunch 2 to 4 pm with C. L. (Clarence)
Hill with two "squaw" The Misses
Ellis of Ponsford.

Then drive to Park Rapids and
to cemetery with Tom Todd

Emil Zeller (Son of Matt Zeller)

Guy Todd's former deputy works
for Co Surveyor at Park Rapids

\$4 and amt and \$6. as freeman

We eat lunch at dark on E bank
Crow Wing River Home to Jenkins
at 10-50 = 5 1/2 gals got 120 miles

July 28-1924 Monday

John Hammer sold his place @
\$4500. - \$100 com to Jack

Mr & Mrs Lawrence calls at

8 am. Reed and I follow them
home and @ 9-45 we go to cr.

29-30-31-32-137-28 OSNatin

Pine 6 N 18 E 91

54.60

Pine 6 N 28 W 205

135.30

10' or no other near

wrong

Note
We set this cor
"54.60" should
have been 60.06. See pg

143 This book came Sept 16-1934

We find the NE BT standing green plainly
marked from which I set a $2 \times 10''$ Hub
stick for TRUE CORNER

29-30-31-32-137-28

(Nix Sec 4
143)

sets 3' E of E. ditch of road and
6' E of E of road looking north

Extended South and 6' N of E
of road looking West $3\frac{1}{2}$ ft N
of fence running East

My old stump 8" dead P. S 55° 45' W
57.40

NW Corn. post of fence also SW Corn. post
8" S. post N 81° E 17.57 To post on ridge
7" Tel. pole S 26° 05' E 21.03 " "

My Meridian Looks North along
E Wheel track of road and cuts
3' E of W end of gate half mile N
above cut. West edge of West pine tree
which forms the Watch But line
line mentioned on Page of

this book. We now read 7° 20' E

Jack Lawrence and I set red flag
at sec cor then drove north and cut
line along Goulds fence Reed and I
go home to Junction to dinner and find
Ezra Reed and Colin also Mr &
Mrs Rice and Hupcar

July 28-1924 Cont'd

¹⁴ McDowell

30
1/2

PM. I go back alone - Jack + I place taller
flag @ cor li: 29-30-31-32-137-28 + ch
North along E graded road 300-600-
-900. 1200-1500-1800-2100-2400 + 233.00

To E of cross roads carefully located
where I set a $\frac{1}{2} \times 7$ " Harrow tooth for

True $\frac{1}{4}$ Cor bet 29-30 - US Natl. Say
Pine stub 12 N 80 E 13 -
" " 12 N 51 W 135 - New BTS Pg 146.

Ole Hoien was on Town Board years
ago when this $\frac{1}{4}$ stake was here. He
was also road boss and graded the
roads E-W + S. from the stake and says
the cross roads are absolutely O.K.

Jahn Hammer an old settler also
says this $\frac{1}{4}$ is O.K. We place red flag
at Harrow tooth then carry line N to
North side of Bertha Lake where I work
transit on line and run a picket line
from $\frac{1}{4}$ bet 29-30 To $\frac{1}{4}$ bet 19-20-137-28

I sign contract with W A McDowell etc
to survey + monument then "Tract Plot"

@ \$112. in full and furnish each a
Blue Print. They go to cut the brush

Alma + Party go to Pine River + back
then out to where we are. Ezra + party
go to Pine River for miles. Alma + I
ride around till 10 PM.

Jahn W Carr

31

(15)

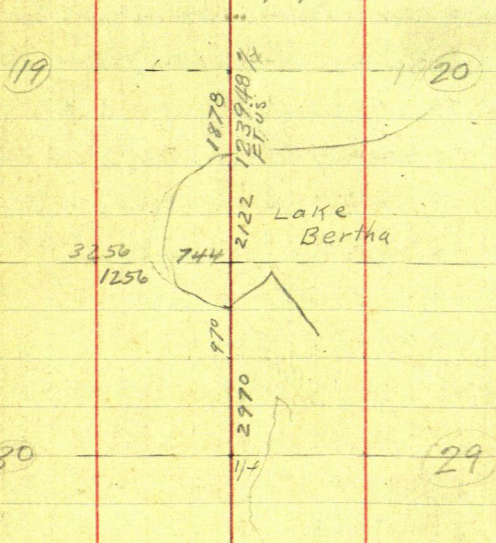
137-28

July 29-1924 Tues

Rain till 10-am. then John & Lawrence
and I go to Hubert Lake to survey
Lincoln Camp. See Book 2.

July 30-1924 Wed

Rainy - copy US Notes 137-28



North bet 29-30-137-28 Jan 10° E.

40.00 set $\frac{1}{4}$

69.70 Set M.C. on to side of Lake
Dead Pine 22 S 40 W 29
Dead Pine 26 S 72 E 167

80.00 Pl for cor 29-30 in lake

East random bet 20-29 110° (on ice)

50.01 Lv Lake & set Temp M.P.

80.06 intersect 25 Lks N of 20-21-28-29

West true line bet 20-29 Var $9^{\circ}49'E$

30.05 Set M. port on E. side of Lake

Jack Pine 7 N 75 E 20

White Pine 20 S 21 1/2 W 15

8006 Cor to 19-20-29-30, 137-28 on ice

West random bet 19-30 V $10^{\circ}20'E$

744 Lv Lake set temp M.C.

40.00 Temp 1/4 bet 19-30-137-28

66.86 Stream 25 Lks wide runs NW

79.90 int 11 Lks N

East true line Bet 19-30 - Var $10^{\circ}25'E$

39.90 set 1/4 Bet 19-30-137-28

Jack Pine 7 N 21 1/2 E 23 =

" " 7 S 47 W 22 =

7846. Set M. Port on W. side of Lake

Jack Pine 7 N 15 W 25 =

Red Oak 7 S 15 N 33 =

7990 Pt for Cor 19-20-29-30 in Lake

North Bet 19-20- 137-28 Var $10^{\circ}E$

21.22 Lv lake set M. port

YP 20 S 55 W 104 = 68.64

" 23 N 47 E 298 = 196.68 =

40.00 Set 1/4

Jack Pine 4 S 70 E 58 =

" 4 N 43 1/2 W 16 =

5924 set M. port S. side upper Whit Fish Lake

Bur Oak 8 S 4 W 29 =

Jack Pine 8 N 88 E 73 =

8000. Pt for Cor 17-18-19-20 in Lake

Run on ice

33

① 137-28 US Notes

East line line Bet 17-20 $\vee 10^{\circ} E$

8.60 Lv Lake Set M port

W Birch LN 60 E 23 =

Lynn 55 53 E 39 -

40.00 Set $\frac{1}{4}$ 17-20 Port

Pine 8 N 3 W 20 =

" 6 S 14 W 17 -

64.55 Set M Port Lower White Fish Lake

W Birch 45 N 23 W 18

" " 6 S 47 W 29

West random bet 18-19-137-28 $\vee 10^{\circ} E$

42 45 Lv Lake set line MC

80 15 int Rg Line 9 Lks N

East line line bet 18-19 $\vee 10^{\circ} 4'$

37.70 MP W. side White Fish Lake

Lynn 6 N 52 $\frac{1}{2}$ W 47

Hornbeam 6 S 17 E 16

80 15 Pt for Cor 17-18-19-20 - in lake

Meanders

In Sec 20- 137-28

Beg @ MC bet Secs 19-20 on N side of lake

I run Thence in Sec 20-

N $74\frac{3}{4}^{\circ}$ E 18.56 = 1224.96, Tang = 27263 ^{15^{\circ} 15'}N 60° E 6.00 = 396.00N $42\frac{1}{2}^{\circ}$ E 14.76 = 974.16 "N $48\frac{1}{2}^{\circ}$ W 4.67 = 308.22

N 64 E 30.02 1981.32

S $51\frac{1}{2}^{\circ}$ E 14.69 -- + C -- + C --

In Sec 30

N 36 W 1280 T. MC Bet 19-30

US Notes ⑮ 137-28 US Notes

34

In Sec 19-

McDowell

N 19° E 2238 To Mck 19-20 ---

Range Line

West line line 137-28'

By @ 136-137 N R 28-29 W

Pine 8 N 75 W 41

" 8 N 16 E 36

North Bet 31-36 Vn 10°20' E

40.00 set 1/4 8 P 10 N 40 E 12

" 7 N 83 W 53

8000 - Cor 25-30-31-36

Tam 7 N 1/2 E 217 =

" 6 N 3 W 248 =

" 6 S 3/4 E 518 =

" 6 S 3/4 W 520

North Bet 25-30 Vn 10°20' E

3720 Creek 36 W side NE

4000 = 1/4 JP 6 N 9 E 90

" 13 N 10 W 95

8000 Cor 19-30-24-25 also MC

YP 7 N 82 E 25

YP 7 S 44 E 4

YP 10 S 18 W 9

only three

East line line bet 30-31- Vn 10°21' 137-28

4000 set 1/4 Pine 2 N 7 E 41

" 8 S 40 E 175

8000 Cor to 29-30-31-32

Meanders In Sec 20-137-28

By @ MC N side of Lake Bet 19-20

N 74°45' E 1856

N 60°00' E 600 =

N 42°30' E 1476

35

(19)

July 30-1924 Figuring

N 74° 45' E 1856 = 1224.96 Ft

Sine	96479X	1224.96 =	1181.83	E
Cos	26303X	1224.96 =	322.20	N

Jack Lawrence and I work 3 hours on
 Alma-Reed & I pick up Jack and
 Georgi and chain from $\frac{1}{4}$ Cor East
 along road and set back
 McDowell-Kinney Fire-Johnson
 Derrick cut line line south part way
 and quit (Kinney's E. line)

July 31-1924 Thurs

Lawrence and I with full McDowell
 crew cut line so bet Kinney & Fire

Aug 1-1924. Friday

Full crew help. Set Peter
 furnish cegor Forest line
 Beg @ $\frac{1}{4}$ Cor Chain South on line see in
 South Bet 19-20-137-28

300-600th 1132 Hat 1165 Hat 1186.8 set

2x6-3ft from 15ft in bank

Aug 2-1924 Sat day

Reed and I go to Prairie and I get 30 pieces of 2" boiler flue pipes for which I pay for 100¢ @ 12¢ = \$12.

We L^e early at 8 am. and get back to Jenkins at 1-30 pm.

Bad of day in Jenkins.

"Mr Dunn" comes and Jack Lawrence cannot work.

Aug 3-1924 Sunday

Algo PK Rapids. "State Park - Bemidji" Corss Lake Walker + home to Jenkins at 11-55 PM. (midnight)

McLane and Lundale in their new Chevrolet Corss and I in my new Ford.

Aug 4-1924 Monday

PM Alma Reed + I go to Lincoln camp Cook

Aug 5-1924 Tues

Reed and I finish survey of Blake camp

Owners

W. A. McDowell. Lawyer

Carl H. Petri, Dentist 1035 E. Franklin Ave
Npls. (or Pequot) Bot. Dillon tract 200' wide

E. M. ("Mannie") Kenney 1828. - 6th Ave Des-
Moines Ia - 206.50 Ft. wide

Chas O. Feise 1822. - 6th Ave Des Moines Ia
206.50 Ft wide

(Ed Johnson)
Mertis M. Johnson 967 E Broadway
Long Beach Cal 120.75 Ft wide

Inez P. Deering and Christopher R. her husband

Henry Oemcke (Fireman) 1340 Russell
Ave N. NPLS (son of Fritz Oemcke) 65.75 Ft

Fritz Oemcke
65.75 Ft wide

24

40

Aug 6-1924 Wed

McDowell

Reed and I Lⁱ @ 9-AM. pick up
Jack Lawrence and set 2X 36" boiler tubes
on N. end and 2X 48" and over
at lake shore end of lots shown on P^y 36
PM

Alma Reed and I go alone Reed & Jack
red flags at IMs on lake shore

$$\begin{array}{r} 1132.00 \\ 108.40 \\ \hline 1023.60 \end{array}$$

$$\begin{array}{r} 1023.60 \\ 196.00 \\ \hline 1004.00 \end{array}$$

Run over IM bet Lots 1 and 2. at a point 65.75'
E and 1023.60 S of $\frac{1}{4}$ Cor.

Run S 64° 40' E 72.75 FT to IM bet Lots 2-3
which sets $3\frac{1}{2}$ ft from edge of sharp bank

Run 1023.60 Demcke's house via
NW Cor S 35° W 12.35 FT NE Cor S 56° 45' E 18.20
House 18.3 X 22.3

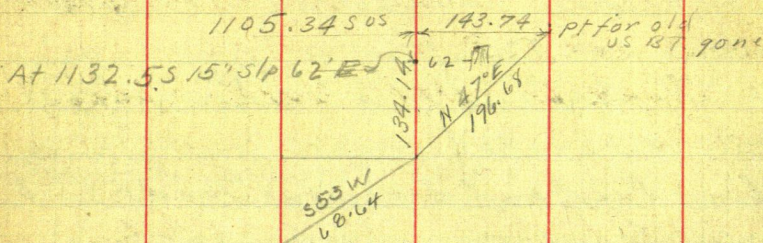
From IM 1023.60 run N 19.60 and set
small Hut 1004.00 S and 65.75 E of $\frac{1}{4}$ Cor

We then take Transit to Hut 1132. S
of $\frac{1}{4}$ Corner and on line line; an old
16" inch N. Pine stump bears S 89° 30' E
62.00 ft so that @ 1132. so head
of old stump sets 62.00 ft E of; Note: The
old Sec line passed 62.00 W of E line
Jahm W Curo

Aug 7-1924 Thurs

47°

$$\begin{aligned} \text{Sine } 73135 \times 196.68 &= 143.74 \text{ E} \\ \text{Cos } 68200 \times 196.68 &= 134.74 \text{ N} \end{aligned}$$



$$89^{\circ}30' \text{ Tang} = 875 \times 62 = 0.54$$

Note: The reason the US surveyors did not use this stump was because the 23" yr (see US Notes Pg 32) set at foot of hill and this 16" nr was too high up to climb easily

$$\begin{array}{r} 143.74 \\ - 62 \\ \hline 81.74 \end{array}$$

Reed and I to Jenkins @ 9-30

π over Hot 1004.00 S and 65.75 E of $\frac{1}{4}$ Cor run N 75° 01' E 233.3 ft to IM bet Ltr 3 and 4 set 6 ft N of bank Note Center of lake end of Lot 3 60 ft North 10 ft out of line with iron for 50 ft mostly near SE Cor

Nat. from SE Cor Lot 2 looking SW the top of his bank 60 ft to 5 ft

Nat. old stump S side even with bank

X over IM bet 3-4 BS - $S 75^{\circ} 01' W$ and run
 $N 61^{\circ} E 138.0$ ft to IM Bet 4-5 = $120.70 E$
 66 92.1

IM bet 5-4 bears N $61^{\circ} 34' E 138.0$
 $+ 234.3 = 372.3$ ft

Flag @ Dr Petri's SW Cor bears
 $N 88^{\circ} 24' E$

Note: IM bet 4-5 sets 3 ft from brink
 shore line in front of Lot 4 (Johnson's
 steps) to south 15 feet

From SW Cor 5 ch N 55.25 ft to
 Arnold Fiese's Ice Ho

Note: IM at SW Cor Lot 6 is 5 ft N of bank
 So end of lot 5 sets N 10 ft except
 a point touches line 80 ft W of SE Cor

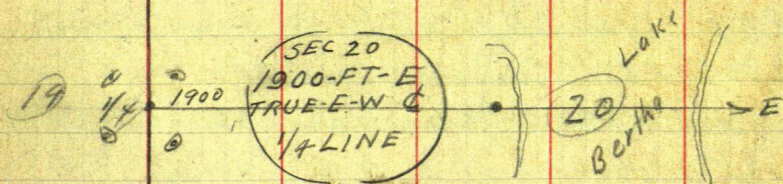
From SW Cor Lot 6 shore line
 runs straight SE to a point 40 ft West
 of Dr Petri's SW Cor -- except at a pt
 100 ft SE of Kenneys SW Cor, the shore
 sets NE 20 ft and hits line again
 200 ft SE of Kenneys SW Cor.

I show John Hammer slump of
 all 16" N of 62. ft E to E of slump H.O.
 helps us chain it and find same O.K.
 run 25 years ago by me

Aug 7-1924 Contd

P.M. I L@ 1-30 find Jack Lawrence in his car and we go back to Shady Rest where Peet Howkerson tells us about Mr. Calbaugh? losing a post at the corner of Calbaugh lot we will see about this later.

Peet goes with us - we take the 4 remaining along Ims and go to Mr. Howells house and with T@ 1900 E Chain East along line & 1919. edge of bank NW-SE about 5" W of MCLD's boat to 1900 + 163.9, via slope 12' drop to I'm being a ^{163.5} 1 1/2 inch galv iron pipe 7 ft long which we drive for Peet 20 ft West of water edge $2063.9 - 0.4 = 2063.5$
= Iron pipe on E



At 1900 FTE on line E-W & sec 20 137-28 we take up jump point driven by US July 22-1924 compare 12 This book and put in its place 2x48" cement

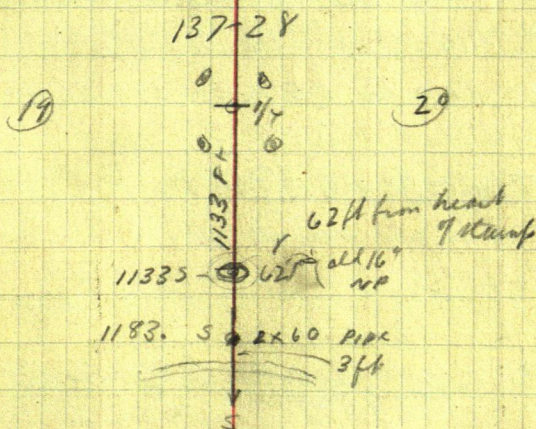
Aug 7-1924 cald 28 McDowell 44
center oblong cap $3\frac{1}{4} \times 4\frac{3}{4}$ inch
set in stone anchor. Long way E & W
as shown small oval mound

Jack and I then drive (2 cars)
to pt on line sec line bet 19-20

137-28 - 1133 ft 20 of $\frac{1}{4}$ Cor and on
lip of flat level ground 15' ft above
water

WIT-MON
1133 FTS
SEC-LINE
19-20

and set standard US wit mon as shown



Jack quits at 6 pm. - 4 Hr

Geo Goodman wants survey

45 Lat 2-20-137-28 (29)

Reed and I go back to Hawkerson's IM

2063.5 and run along sand beach
near water's edge S 35° 30' W

@ 180 bank lies 25' R

@ 250 " " 25' R

@ 300 " " 35' R set stake

@ 390 T. 425 Bank lies 50' R Low bank

528 Hat 3 ft from water

@ 528 Bank 30' R

π @ 528.0 run S 44° 46' W along water edge

347.3 Hat Bank 40' R

π @ 347.3 run S 55° 15' W 160 ft to Hat

π @ Hat 160, 35 ft from bank run

S 63° 51' W @ 100 Bank 25' R

@ 150 Bank 35' R @ 250 Bank 40' R

@ 286 Hat Bank 35' R

The IM @ SE Cor Dr Petri's lot

is 15 ft from bank 16' bank

The SW Cor Dr P's lot E in

3 ft from bank

Running from SW cor E ad lib
to SE Cor @ 50 ft the line by NP
lies on bank at 30 ft R

from which lies the bank

bulges at 10 ft at a pt 50 ft E

at $1133 + 50 = 1183$ dist 2 x 60' run

Aug 7-24 30

McDowell et al Aug. 137-28 46
on south slope of hill toward
the lake on sec line bet 19-20
137-28

Reed and I work hard and work till
very late in but do not quite finish
measurements of some lots still left.

Aug 8-1924 Friday

All day in Jenkins making
drafting table and plat- of Lincoln
Camp survey.

Aug 9-1924 Saturday

finish map of Lincoln Camp
and go alone and get my money for
survey \$75 from R.F.B. Cole

Met Leon E. Linn at Minwa
To Bill Hardy's dance all night with
Alma & Reed cold.

Aug 10-1924 Sunday

Alma - Reed - & I take Frank
and Eloina Bryant to Metley
eat our lunch with Mrs
young Frank Bryant and back to
Jenkins for ride 90 minutes each
way

John W. Cunn

47

(31)

Aug 11-1924 Monday

Reid and I finish survey of

McCormell survey Lot 2-20-137-28

Alma Reid and I to pickup 11:50 AM

Reid driver new Ford Rough Ch

Reed & Beg @ NECN Lot 7 chain

S ^{100 ft} 140 E road NE-SW 201 pin

500 pin 800 pin 853 Rough chain

To IM 2X50" boiler tube on hi bank

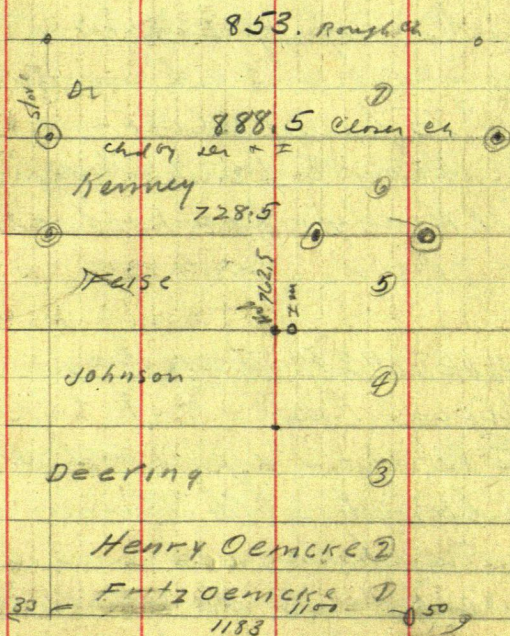
15' ft N of edge

○ = 2" boiler tube

Dog bit in Reed

○ = 2" boiler tube + 6" stone
pipe filled with cement

N ←



Beg @ SE cor Lot ch

N bet Lots 6-7 @ 225 about woods split
 300 pin to Petri ch & N-S road
 @ 400 pin N wheel track of Kinney's
 road NE-SW 700 pin + 188.5 = 888.5
 almost exact not off over 2/10

Reed and I beg @ N. cor Lots 5-6
 So bet 5-6 @ 300-400 pin @ 635 E road
 E-W @ 641 center of 6" stone pipe
 filled with cement 2x2 bolt head
 sticking up in cement (set
 on one of my old hubs by Kinney
 and Fire) $641 + 87.5 =$
 728.50 So IM SE cor Lot 5.

641
87.5
728.5

Beg at N. cor to Lots 4 and 5 chain
 So bet 4-5 @ 250 bog less W 100
 300 pin 400-500 pin 560 bog
 NW-SE 610 L bog NE-SW cross
 edge of water $500 + 262.5$
 762.50 S Hut 762.70 final 2" pipe
 5 ft N of road $762.7 + 3.2$
 765.90 the N side of cem
 ice house

762.7
3.2
765.9

From Hut 762.50 so turn 90° W
 $120.3 \frac{1}{4}$ ft to hub bet Lots 3-4 - at 60 ft N of
 water in bog

49

(33)

From hut 762.50 culmies pin

So bet 3-4- @ 39 // road E-W

$$762.50 + 145.50 = 908.$$

908 - angle @ N end 762.5
 = 909 145.5
 I am on lake shore 908.0

Bay @ 2x48' boiler looks set in cen
 tree ch North bet lots 2-3

@ 104.4 a 1" dip 1. // SE of SE cor
 of log in house

North @ 300 pin @ 306 N-road

NW-SE @ 450 N boy lies E 25'

$$@ 600 N. pin - 900 pin + 120.4$$

$$= 1020.40 \text{ To IM at N cor to}$$

Lots 2-3.

Bay @ N Cor Lot 3-4 ch

South Bet lots 2-3-4 @ 100 pin

@ 130 ft to cut boy

@ 270 L to boy @ 450 pin 450

$$+ 35 pins = 500 so 130$$

enter boy S 80° W and

N 80° E

Nat'l road begins 412 + 25 - 437 W
 E of 1/4 then runs SE for 150 // then S and
 SW @ 1215 E of 1/4 I am in line
 with a road which runs S about 50° W

N'Donell

50

#1235 E. I place 2x36" boiler
tube over my old hut on line E-W
& drive till top sticks up 8"
Quit @ 3-05 PM.

Alma-Reed-Mrs Bryant and I
to N. side Cross Lake for red cherries

Aug 12-1924 Tuesday
Make shelves - Reed takes his
mother to Geo Newmans for cucum-
bers - Lv @ 10-45 AM.

Note: this is the first time he
has taken the car alone

I work in map.

Figuring

See Page 35-33 USNMS

Lake Shore $1224.96 \times 96479 = 1181.83$ E

$N 74\frac{3}{4}^{\circ} E$ ¹⁸⁵⁶ LKs = $1224.96 \times 26303 = 322.20$ N

N $60^{\circ} E$ 600 = 396. FT

60° = $\sin \times 86603 \times 396 = 342.95$ E + $1181.83 = 1524.78$ E
or $50000 \times 396 = 198.00$ N + $322.20 = 520.20$ N

N $42^{\circ} 30' E$ 1476 LKs = 974.16 FT

$42\frac{1}{2}^{\circ}$ $\sin \times 67559 \times 974.16 = 658.13$ + $1524.78 = 2182.91$ E
 $\cos 73728 \times 974.16 = 718.23$ + $520.2 = 1238.43$ N

Note $1239.48 S - 1238.43 N = 1.05$ Ft still S of

E & W & But an E & W & turns E $0^{\circ} 30' S$

Tang
 $0^{\circ} 30' = 00873 \times 2182.91 E = 19.06 S - 1.05 = 18.01$ N of E-W &

51

(35)

$$\text{Tang } 0^{\circ}30' = 0.0873$$

$$65.75 \times 0.0873 = .58$$

$$131.50 \times " = 1.14$$

$$291.25 \times " = 2.54$$

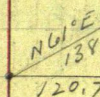
$$412.00 \times " = 3.50$$

$$618.50 \times " = 5.41$$

$$825.00 \times " = 7.20$$

$$1025.00 \times " = 8.95$$

Figuring

Lot
4Lot
5

$$\begin{aligned} \sin 61^{\circ} &= 87462 \times 138 = 120.7 \\ \cos 61^{\circ} &= 48491 \times 138 = 66.92 \end{aligned}$$

$$1181.83$$

$$152478$$

$$\times 0.0873$$

$$\times 0.0873$$

$$= 10.32$$

$$13.31$$

5

$$\text{Lot 1} = 1120 \times 65.75 = 73640 = 1.70 \text{ A}$$

$$2 = 10552 \times 65.75 = 693794 \text{ Sq Ft } 1.60 "$$

$$3 = 964.7 \times 159.75 = 15410825 = (354) 3.50 "$$

$$4 = 875.05 \times 120.75 = 1056622875 = (243) 2.40 "$$

$$5 = 784.8 \times 206.5 = 1620612 = (3.72) 3.70 "$$

$$6 = 808.5 \times 206.5 = 16695525 = (383) 3.80 "$$

$$7 = 870.75 \times 200. = 174150 = (4) 4.00 "$$

$$8 = A = 845 \times 280.3 = 2368535 = 5.44$$

$$B = 628 \times 394.7 = 2478716 = 5.69$$

$$C = 665 \text{ Squares} = 66500$$

$$\text{Road } 313.3 \times 33 = 103389 =$$

$$\frac{1.52}{12.63}$$

$$0.24$$

$$1241$$

$$1240$$

$$33.10$$

McDonnell

52

Aug 12-1924 Tues could

Reed drives to Mildred - Pine River
etc. Mr EM. ("Mannie") Kenney calls
and we go over acreage of his lot
etc. etc. Lumm also calls

Aug 13-1924 Wed

This is the day set for Leon
E. Lumm - vs - M. K. Swartz
trial - My subpoena to appear
at 9-A.M. today was called off
by Mr Lumm. till later
all day on plat

Aug 14-1924 Thurs

I get plat finished and
mailed at noon at Jenkins
Special delivery to Granite
City Blue Print Co. St Cloud
ordered 12 B.P.s sent \$2. on
acct-

Alma - Reed and I go to Bed
& back. Got mail viz
Flo Mae Babcock & Savoy Restau-
rant - 9th & St Peter St St Paul
Nati: Gus Allen + wife (Prof)

Aug 14-1924 Contd

Gerald W Curo Rivulet Mont
% Ranger Gaffney. Fish Lake
Idaho. Gerald's last card
dated Aug 1-1924 Fighting fire
in Idaho.

Got check \$3.75 from Fred
Reed Sheriff for expense and one
day's fees as a witness. I am
to be in Brainerd Saturday for the
trial

Aug 15-1924 Friday: I go to
Brainerd alone - stop and see Lumm
get maps see Knutson and back
to Jenkins

Aug 16-1924 Sat Dwight Los 8 am
I go to Brainerd attend Lumm
- Swartz trial - Pick up Jim
Quinn take him to Eugene
O'Leary farm. Back to
Jenkins for over night. Val: 85¢ for
blow out. Jim pays 80¢ for dinner
and buys 6. gals gas.
Henry Boyer - Round Lake
Vobels Co. witness at Jenkins

McDowell 38

54

Aug 17-1924 Sunday

Bright Cues hunt in racing accident
at St Peter Minn. over 18 miles &
callan bone broke

Wesley Mattie Alma Reed & I to
Cross Lake and back in pm.

Look up homestead

Nati: in am I take blue prints
to Mrs Deering and she is not
satisfied with survey.

Nati: H.C. (Harris) Jenks of 409
E 27th St Mpls is agt for Lats on
Cullen Lake.

Nati yesterday I called on E.C.
Gilke of Pequot a man for Aldo
Elmqvist 511 N. Snelling Ave
St Paul

Note: Ole Nelson-dead-worked in
mill at Silverton Oregon - once owned
McDowell place

Aug 18-1924 Monday

All day at Jenkins room in P.M.
Dwight in Hospital at

McKinleys at Jenkins back

Aug 19-1924 Tues

Reed and I take Mattie and
Wesley to Beavine where Mr
and Mrs McKinley with
Fiduck and Sludbaker
take them to

I write letter to Oenuche
that Kinney - Deering etc are
not satisfied with survey and
that a re-survey will about
"wipe him out"

Reed and I survey in P.M.
for Jack McVaughlin Home
to Jenkins for title.

Note: At 8-30 a.m. Mr. Carli
telephoned me elev of water there.
Viz: Aug 24-1920 Elev 16.10

Aug 19-1924 " 11.15

Note: Other elevations run up to 18.10
- 18.10 being highest.

McDowell

56

Aug 20 - 1924 ^{to} Wed

I, Virgil Zettel and also Elmqvist
Drive out to see Kenney & others
Tel about dam at Cross Lake

Eleo @ noon 11.10

Mrs Spencer for dinner

P.M.

16.10

11.10

5.00 diff today

1-P.M.

Reed and I go to Kenney's
and start to take levels. I try
to convince Kenney that the best
thing to do is to leave the lines
as fixed by agreement and
explain that. Of course
if he really wants to go into court
that the "206.5" ft line bet he
& Chas Fiehl would have to go
a few inches West

Kenney says: then let's pull up
the cement & Iron marks and I
say no--- just leave them
so that I can use them for
fixing any lines the court
may later order fixed. Kenney
says as he intends to take them
up anyway before he left. So-

57

⑧

41

886

33

⑦

921.5

⑥

761.5

⑤

874.1

④

942.0

③

1053.4

②

1023.0

①

1183.0

33

to-morrow or Friday -- that he will
take them up right now -- I tell
him to wait till I can get a
tie to the monument on the lake
shore but he and Feire. Vij

Oak 4" stump NE 1.25 ft

4" stump NW 14.90 ?

Kinney then takes his adze &
knock out the stove pipe filled
with cement which he and Cher
Feire put around the iron pipe I
set. His father comes along while
he is doing this. about all I
say is that I wish he would
save my iron pipe.

I then go over to Johnson who
has just returned. Kinney follows
and we talk & talk and almost
get Kinney to agree on terms.

Jack Lawrence comes and
helps me finish setting 2 long
stakes or Benck Marker

5 ft above present water level
set 2 x 36" stakes Top level with
sand beach El. 4 Top 5 ft above
water level to which work Elev

59 Aug 20-1924 Cont'd

of water on the day ⁴³ Peterson put his
seed Aug 24-1920 E1- 16.10

At Govt Ham. today " 11.10
5.00 diff

I drive Jack home - work 20 miles
Vat Lourenco is to get

\$20. Total for his work on

7 lals @ \$3 = \$21. if paid one at a
time and does not get paid unless
I get mine.

Aug 21-1924

FIGURING

74°45' sin 96474 x 855.11 = 825.00 E

74°45' cos 26303 x 855.11 = 224.92 N OK

74°45' Tang 27263 x 825 = 224.92 OK

Acreage

1014.56	
906.94	
2) 1921.52	
960.76	
356.83	
288228	
768608	
576456	
4803.80	
298228	18.0998
4356) 3528279908	
34848	
43474	
39204	
42759	
39204	
33550	

1239.48	
1014.56	
2254.04	
1127.02	
825	
563510	
225404	
901616	21.34
4356) 92979150	
8712	
5839	
4356	
10031	
13068	
79635	
17424	
2211	

Acreage over

McDowell

60

(44)

1238.43 T. US AP

2182.91 E

658.13

5.23
rough

705.97 OK
F9 + OS

520.2

1524.78 E

6.35 Acres
US F9 +

1968

906.96 US F9 + OK

322.20

1181.83 E

= 8.10 acres OK
US F9 +

1014.56 F9 + US OK

35.62 about Highway

1127.02 x 825 = 92979150

21.34

acres US OK
F9 +

1239.48 F9 + US T. MP

356.2

71.27 1/4

1181.83

825

1239.48

645

342.95

356.83

825.0

89.30

369.85

1224.96

855.11

1224.96

855.11

1224.96

855.11

1224.96

855.11

61

$$706 \times 645 =$$

$$\begin{array}{r} 645 \\ 3530 \\ 2824 \\ 4236 \\ \hline 455370 \\ 227685 \end{array}$$

$$\begin{array}{r} 15.22 \\ 4356) 227685 \\ \underline{21780} \\ 9885 \\ 8712 \\ \underline{11730} \\ 8712 \\ \underline{3018} \end{array}$$

Here

$$\begin{array}{r} 5.23 \\ 635 \\ 810 \\ \hline 19.68 \\ 2134 \\ \hline 241.02 \\ 20.51 \end{array}$$

$$\begin{array}{r} 2134 \\ 2051 \\ \hline 83 \end{array}$$

Note 83/100 acres = a strip Vir

Strip about 1015 ft →

$$1015 \times 35.62$$

Continued
on Page 98.

45

$$\begin{array}{r} 70597 \\ 90646 \\ 211612930 \\ 806465 \\ 34295 \\ 4032325 \\ 7268185 \\ 1612930 \\ 3225860 \\ 2419395 \\ 27657717176 \end{array} \quad \begin{array}{r} 6349 \\ 26136 \\ 15217 \\ 13068 \\ 21491 \\ 17424 \\ 40677 \end{array}$$

$$\begin{array}{r} 2134 \\ 1968 \\ \hline 21.66 \text{ vir} \\ 83 \end{array}$$

$$\begin{array}{r} 4356 \\ 83 \\ 13068 \\ 34848 \\ 361548 \\ 3045 \\ 5704 \\ 5076 \\ 6298 \\ 6090 \\ \hline 2080 \end{array} \quad \begin{array}{l} (35.62 \text{ wide} \\ \text{on E side} \\ \text{of Kenney} \end{array}$$

April 7-1925 Tues

Robertson Survey 17th and 21-137-28

I-examine Lot 4-See 21-137-28

and find same O.K. Robertson can buy
A. cheap. It is cut in two by a nearly
NE-SW but shore line O.K. Cost

\$250. To find line line and to plat
same. US Nails

N. bet 20-21-137-28 $\vee 10^{\circ} E$

25 Pond- 37 left pond- 4000 $\frac{1}{4}$

Aspen 7N 54 $^{\circ}$ W 351-23.10 F

" 6N 60 $^{\circ}$ E 31-20.46 "

(Remains of old US BTS still here
check with 2x48" IM 4" oval
Cap-stone set by Town Board (I
lost year)

US Nails at 4752 MC A. and

WFLK. WP 205 88W 56 (8 hours gone)
" 185 54 $\frac{1}{2}$ E 47

Reed and I Beg @ 2m $\frac{1}{4}$

pace East 75 Pcs Top of hill N.W. E
@ 100 paces Front of hill Overflow
150 ft wide in road 100 wide on
line

Beg @ $\frac{1}{4}$ bet 20-21-137-28 Ch
North rough Ch 120 old stake
set by me - 225 Brink of low

(2)

137-28

64

slope. 250 foot of hill. 300 slabs
in overflow, 350 to 360 ft on sea
wall for lat slabs if ever platted.
400. set Liament 403 Edge of wall

π 400' N of $\frac{1}{4}$ bet 20-29-137-28
read compass needle $7^{\circ}40'$.

Tall 8" Elm on SW Cor Big Island
N $25^{\circ}47'W$ West end N $25^{\circ}47'W$
East end N $8^{\circ}15'W$. NE Cor Hawker-
son's NE Bldg N $46^{\circ}43'W$

Small Island:

East end N $37^{\circ}10'W$. Center N $38^{\circ}W$
West end N $39^{\circ}50'W$. Sand bar
appears to connect small Island
with Big Island

Go one mile West to $\frac{1}{4}$ Cor bet
19-20-137-28 Chain North 300.
325 edge of Jack Pine 400 set π in
overflow Read Needle $7^{\circ}40'$

Small Island: East end N $26^{\circ}35'E$
Center N $24^{\circ}35'E$. West end N $22^{\circ}35'E$

Another small Island: Uij
East end N $35^{\circ}15'E$ West end N $33^{\circ}E$
Big Island: N. End N $36^{\circ}E$
S " N $56^{\circ}E$

65

Robertson Survey - 187-28

③

April 7-1925 continued

To over Hub on line E-W & sec 20-137-28
at pt 1/4 West of 1/4 and on E 1/4

Focus West on line line at McDowell's

Tall 8" Elm on big Island SW Cor
N 17° 58' W. Base of Cliff near
water's edge at Howherson N 25° 35' W
NE Cor Howherson's NE Cottage near
N 26° 32' WMcDowell's Boat Ho: NE Cor N 89° 37' W
SW Cor S 89° 49' W Var reads 7° 40'Nate: Harold leaves Reed & I
to finish this work and walks to Jenkins
Jack Lawrence says we have till
April 10-1925 To get in our claim vs
James Ingram estate \$35. for
surveying: Judge of Probate at St
Cloud takes evidence April 10- for
Mrs James Helen Ingram.

Apr 8-1925 at Twin Lakes

April 9-1925 Same - I send in my
bill vs - Ingram estate \$35.00

John W. Cress

D

Ramaley -
Taylor co

66

April 29-1925 Wed

F.W. Ramaley (Caterer) 666-^{and} 668 Grand Ave St Paul Minn calls at Jenkins and will pay me \$25. to get Cor to 13-14-23-24-137-28
 Set IM 12th Run line also west and to set IM 3000 and further north on hill & pipe will do. Nat. He paid Knudsen \$25. for this work last year I guess. Here is copy of plat Knudsen sent having P9

April 30-1925 Thursday evening

Mr James Taylor Jr of Mpls calls up for appointment to meet at Jenkins Friday night to survey part of the Geo Ahl place

May 1st 1925 Friday

Mr Taylor & Mr Bailey stay over night at John Culmore hotel at Jenkins. \$2 each

May 2-1925. Sat

Harold - Reed and I eat lunch with Taylor & Bailey at the Ahl cottage. No work. Make contract - \$175. to be approved later

May 3-1925 Sunday - Leonard Emery & son - Reed & I to Pig Lake & back in PM. Contract O.K. Alma's birthday party & 60

67

②

137-28
Ramaley, Svy

May 4-1925 Monday

All day in Jenkinson Quam Plat

May 5-1925 Tues

Alma Reed and I To Pig Lake with Mr ^{and} Mrs

Long of Nisswa snow lightly. Harold

Reed + I To Loon Lake in PM

May 6-1925 Wed. All day - Harold + I at Loon Lake

Harold gets Trap Warrant Loon Lake 841. I get 855

May 11-1925 Monday

Harold and I in my car to Jenkinson 10-am.

Meet F.W. Ramaley at Pig Lake and run out his land

1/4 Bet 23-24-137-28

US Notes: 108° 57' 12" E 9 LKS = 5.94 ft

" 10 N 74 1/2 W 13" = 8.58 "

Find NW Tree standing dead plainly marked also

Stump of SE tree both check perfect @ 8' 0"

Set tall stick and red flag for tree 1/4 cor at

North on random on E side road

300-600-900-1200-1500 + 250 = 1750-2050-2350

2650-20 = 2630 N. Hub IN at Cor 1"

13-14-23-24-137-28 Bears

N 78° 36' E 34. ft (33.97)

Continue Random

North bet 13-14-138-27

2630 + 58.95 = 2688.95 Hub

2688.95 + 64.90 = 2753.85 Hub

2753.85 + 133.65 = 2887.50 "

2887.50 + 285.5 = 3173.0 " water edge beach

3173.00 + 390.3 = 3563.3 " 6 ft E of water

2636.7 N. 33.9 IN Cor 13-14-23-24

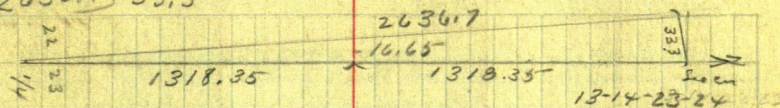
417 N 78° 36' E 34. ft 78° 36'

2630 N. 33.3 6.7 Sin 19766 X 34 = 6.72

Cos 98027 X 34 = 33.30

.01263 E (3)

2636.7 33.3



At 1318.35 N Ch 90° E out 16.65 set Hut for S 1/16
 Mrs Claus Solheim. corner out. Claus is nephew
 of Mrs Knutson. Then fence is 45.2 for far
 Note: Mr How 36 years with Farwell-Osman
 Kirk & of M Paul is up with Mr Randall.

From Hut 2630. N. W. Ch S 224.3
 added to the 6.7 - 231. S of sec can set Hut
 Correction = .01263 E ^{2405.7 N} _{OK} 0° 43 1/2'

✓ 1318.65 N	90° E	16.65 to S 1/16 Bat 23-24 ✓
✓ 2405.70	" " E	30.39 ^{OK} 28.39 ✓
✓ 2636.70	" " E	33.30 to Cor 13-14-23-24 ✓
✓ 2688.95	" " E	33.97 Turned by eye ✓
✓ 2753.85	" " E	24.78 ✓
✓ 2887.50	" " E	36.48 Turned 90° with K ✓
3173.00	" " E	40.07 OK ✓
3563.30	" " E	45.00 90° with K set Hut ✓

We cut out E-W & run 23-137-28 and get back
 to junction at 6 PM.

May 12-1925 Tues Harold + I at Queen Mary

" 13 " Wed. " " " " " " " "

" 14 " Thurs Ben Krampf + I " " " " " " " "

May 15 - 1925 Friday

Harold laid off yesterday & today. Ben Krump & his car come off the west Twin Lake - waits for me. Quinn calls from Vienna. To say he is going to St Paul to be back Sunday night.

I drive to Twin Lake Ben & his car and we come to Senkins where Ben has his car.

Angelina Martin starts work for Mrs John (Joy) Parker @ \$5. a week.

Ben & I in my car take lunch and work at Pop Lake. Grind axes cut dinner and to Senkins @ 1-P.M.

CORRECT

N and S. Line cut 23-24-137-28 P 768

cut out ending line South

X over corrected Hub 3563.3 N Focus in Hub 2887.5 Ch N 87.2 + 2887.5 - 2974.70 Hub on Bank 15 E and 20 So of Brink. Hub 4 ft SE of 4" JP Sep 3/11/22 From 3563.3

cut true line North Bet 23-24 137-28

about 400 ft 1. top of hill set hubs & about 3650 L.V. sand & rock NW - SE

3660 slabs

about 3860 foot of big hill

" 3950 T. 4000 about set two stakes on top of hill not cut clear thru to White fork lake

Note: This marks the True See line N + S Bet 23-24-137-28

Start to rain Ben and I to Senkins

Ben goes home in his own car I am to call W H Krump Pegout 9410.

Same at Senkins - Harold & Roy Bayant gone - Rains all night.

Wesley - Hypatia - & Angelina Martin at our house till 11 P.M.

I walk home to John Parker with Angelina. Took 3 minutes

May 16 - 1925 Sat

Taylor Survey

137-28

69
72.0

70

⑤

2) 5298.8
2649.4

May 18-1925 Monday

I drive Jenkins to Twin Lake. Find Ben Knepp waiting for Quinn did not return I send Ben home and return to Jenkins for dinner.

Reed stays out of school and we work alone
L Jenkins @ 3-35 Pass Men + other Bill Stewart.

HP Cor 15 22-23-26-27-137-28

Find stone cross + in up E road

Reed drives the Ford and chains behind

North Bet 22-23-137-28 set back on West

side of road 300-600-900-1200-1500-1800-2100

2400 2641.50 and fence runs West E road to

2200-3000+200=3200-3500-3800+90=3890

Fence runs West 3800+150=3950 stake on N.

Bench by hill then down hill 3900+300=4200 sth

(4100 foot of hill) (4300 start up hill) 4200+300

4500-4800-5100+200=5300. stake @ 5298.80

Stone in E-W-S. road Cor 15

14-15-22-23-137-28 US Notes

Hand Pm 8N 47E 110=72.0 HPm 9N 38W 139=91.74

" 7518 1/2 W 73=48.18. " 5558 1/2 E=29.70

1/4 Bet 22-23-137-28 US Notes

YP 7N 59W 23=

HP 7N 60E 14

At Cor 14-15-22-23-137-28 we find a
stone in E-W-S. road up by Garrison farm
which are also US 137 stp class NE 73.00 off = 0.40
long and others are good

New 137S made by Garrison Vix

At 1/4 bet 22-23-137-28 find no bts
and cross to N

I decide to divide the mile road
2649.40 N stp flag Twp 1/4 West rd. run 23
137-28 Angelin-alma-Rud + Mary and
pull Pin Plant at Cor 15

Wed

May 20-1925 Harold - Reed & I to Turin Lake

May 21-1925 Thurs. Harold in his car Reed and I in my car went to Turin Lake

May 22-1925 Friday

Harold bucker - no one work

May 23-1925 Sat Heavy storm all day

May 24-1925 Sunday

Reed & I to Pig Lake to meet

Baker - Mr & Mrs Armstrong - Mr Taylor & Mr Bailey Harold helps weekly for 1st

May 25-1925 Monday

Bill King comes in and goes with Harold and I to West Turin Lake
Ominous night there

May 26-1925 Tues

Bill King - Harold & I with Ominous

May 27-1925 Wed

King comes in and goes with Harold & I to Turin - Harold Bucker. Quits and walks home to Senheim just before dinner

May 28-1925 Thurs 81° to 10° in PM

May 29-1925 Friday

Bill King and I work 1/2 day for Ideal Twp
Harold King

May 30-1925 Sat

Memorial Day

Alma - Reed Angelina & I to
Pig Lake - Angelina & Reed try to
help but no good. We all get dinner
with Mrs Claus Salheim SW NW

See 24-137-28

PM

Claus Sotheim and Richard

Davidson help me. Beg @ NE Cor Bailey
West-Cham N 89° 25' W on line
west @ 202.80 Hub @ 253.10 red flag on hi
bank 3 ft from brink 70 ft to water
Toon Hub 202.8 on line on line run
S 39° 23' W @ 159.5 Hub

Toon Hub 159.5

NW Cor H 536° 35' E 30.5

NE Cor " S 37° 05' E 70.5

SW Cor " S 1° 35' W 39.1

24 x 40 porch and all
HI Bank 33 ft R.

+ 252.4 Hub + 11.9

Toon + 11.9 HI bank 33 ft R.

BSN 39° 23' E * 185.5 Hub in flat

= 597.4

100 ft from water.

107° 30'

159.5
252.4
+ 11.9

+ 11.9
185.5
597.4 ft

$$39^{\circ}23' = .82092 \times 1087.35 \\ 892.63 + 202.80 = 1095.43$$

$$100 + 160 = 260 \quad - \quad 420 \quad - \quad 580 \quad - \quad 740 \quad - \quad 900 \quad - \\ 1060 \quad - \quad 1120 \quad + \quad c \quad \text{on lake bank or brink} \\ \text{On my random S } 39^{\circ}23' \text{ W } \text{Vej} \\ + 160 =$$

$$50^{\circ}37' = 39^{\circ}23'$$

$$\sin 77292 \times 207.01 = 160.00$$

$$\cos 63451 \times 207.01 = 131.34$$

$$\sin 77292 \times 120.35 = 93.02$$

$$\cos 63451 \times 120.35 = 76.36$$

$$38^{\circ}48' = 51^{\circ}12'$$

$$\sin 62660 \times 255.35 = 160.00$$

$$\cos 77934 \times 255.35 = 199.00$$

$$\sin 62660 \times 122.88 = 77.00$$

$$\cos 77934 \times 122.88 = 95.78$$

N 89° 25' W

Not set this
16 ft

This
16 ft

107°

NORTH 131° 35'

108° 35'

110

May 31-1925 Sunday

Taylor
Ramaley

74

Copy of Deed

Be it remembered that on the line of Cont L & L 1-23-13728
231. US of Cor 15 13-14-23-24-137-28 Thence S 61°
SE Cor of L & L Thence Westerly on N line 961 ft Thence
N at right angles to take those of which the lake
Thence in a northerly direction along
said shore to a pt therein distant 231 ft
So of the N. line of said Cont L & L 1.
being the southerly corner of the land
conveyed to Aaron Cox by deed record
in Book 62. of Deeds Pg 234

Thence East and along N line of said
land conveyed to Cox to place of a
situated in Cont map of same
according to the US Cont survey showing
Flowage rights

of the United States or of record, --
Minerals and all mineral rights or
reserved in deeds of record. ---

Montgoomery \$1500.00 recorded in
Book 28 of Minn Pg 384 To Anna
Underleaf, on the above written lands.

Note Title examined by

Real Estate Insurance Co
Application No. 53706
- 53 miles -

Lands vested in Minneapolis Trust Co
a corporation Feb 20-1925 8 am.

June 12-1925 Friday

Alma Reed and I. L. Johnson
3-10 PM. Found F.W. Ramaley
at his place. Found small iron
bolt 1×15 " at Cor. St. Acorn

13-14-23-24-137-28

Set 2" Boiler tube 3 ft long about
12 ft North. $2 \times 2 \times 10$ " Bolt 33 ft
East -- $2 \times 2 \times 12$ " Bolt 33 ft S
 2×36 " boiler tube in 110 W.
feet from bank and
feet from water

Ramaley's Deed

Begin at pt on Pig Lake 150 ft W
of SE Cor Govt Lot

Then NE
following Pig Lake to East line
of said lot. Then South on the
line 10 ft place of beg
then more or less

Ramaley gives me his ch of
Farmers State Bank Request
\$25. in full for Engineers work

John W. Curo

JUNE 13-1925 Sat

Alma-Reed & I L. Jenkins @ 11:30
Eat lunch at Pig Lake Mr & Mrs

Verlo and 3 children
arrive P.M. drive I.M. at NW Cor
Lot 1, also SW Cor Lot 1 = 110.2 ft wide
on lake front 2x36" Boiler, further
set 5 ft back from Brink of the
bank. π over Hub 159.5 (Pg 73)

BS. N39°23'E on Hub 202.8 W 36.00 ft
SW Cor Lot 1-bears N 20°20'W
FF NW Angle reads 59°43' - 36.00 ft dist
59°43'

sin. $86354 \times 36.1 = 31.090''$
cos. $50428 \times 36.1 = 18.15''$

π over Hub 159.50 Chain N.39°23'E 18.15 ft
set Hub for line bet lots 1-2

$141.35 + 18.15 = 159.50$

$18.15 + 141.85 = 160.0 + .10 = 160.10$ Hub on
road

June 14-1925 Sunday

Figuring $122.9 + 255.35 + 582.75 = 961.00$ OK.

To put in SE Cor Lot 5. From SE Cor of tract = $\frac{1}{16}$ Cor Chain West on $\frac{1}{16}$ line
 $N 89^{\circ} 25' W$ $122.9 + .1 = 123$ set 1st and run

$N 50^{\circ} 37' W$ $50.37' = 39.23'$
 Sine $77292 \times$ NIX
 Cosine $63451 \times$

$38^{\circ} 48'$ OK.

Sine $62660 \times 52.67 = 33.00$ N
 Cosine $77934 \times 52.67 = 41.05$ W

45°

Sine $70711 \times 46.67 = 33.00$ E
 Cosine $70711 \times 46.67 = 33.00$ N.

From 122.9 W Run $N 50^{\circ} 37' W$ 52.67 //
 and set $2 \times 36"$ Boiler tube for Lot Cn 33.00 N
 of $\frac{1}{16}$ line Leaving a 33.00 ft road on S. side

From $\frac{1}{16}$ Ch West on line line
 $122.9 + 255.35 = 378.25$ W run

$N 50^{\circ} 37' W$ 52.67 and set $2 \times 36"$ boiler
 tube for South Corner of Lot 6-7- on N side
 of 33 foot road

From 961.00 W run $N 45^{\circ} E$ 46.67 set
 $2 \times 36"$ boiler tube for SW Cor Lot 7

June 16-1925 Tues

Alma Reed + I L. Jenkins 10-am. drive
to Pig Lake & end. Turn SW cor Taylor

block 961. West BS. $S 89^{\circ} 25' E$ 1375 ft

SP 12 $N 44^{\circ} 10' E$ 56.50 T. flat spot at base

SP 10 $S 49^{\circ} 10' E$ 52.20

Note: lots of other 12" SP closer but they
may be cut out for good later.

Run $N 45^{\circ} E$ 46.70 set Hub pt for I m
at SW Cor Lot 7. leaving a 33. ft road
S & W.

Run $S 89^{\circ} 25' E$ on line
line 11.00 ft to pt 950 ft West
pt for E Boundary of US. Land - this one
inches into NW side of road of 12" SP.

when we cut a notch up and down
Run North: parallel to East Sec

Line @ 170. set Hub pt for I m
at edge of sand block NE-SW

@ 200 Hub @ 252.80 Hub in sand

@ 290 T. 320 Both lib extends E 10 ft

342 oak Hub 2x30 in sand block

3 ft H of water @ 345 inches water E-W.

Run E 50 ft then sharp turn N

Turn 200 N. run 90° East 33.1 ft

set Hub 16 ft E of edge sand pt for I m
from which we run north 33. ft set

Hut on edge of seawall Low seawall
all along here. Tower $Im @ 200$ The Im
at Cor bet 6 x 7 bears $IX 40^{\circ} 12' E$

197.80 At NW Cor of boat set
2 x 24" pipe At 170. set 2 x 24" Im
At 252.80 set 2 x 50" pipe @ 342 set
2 x 24 oak At 33. ft N of NW Cor L 17
set 2 x 24" Bush hut

From $1/16$ at DE Cor Ch $N 89^{\circ} 25' W$ on line
to b day 123. ft set Hut then 255.35 set Hut
Tower 255.35 run $N 50^{\circ} 37' W 52.67$ ft
set Hut for so Cor L Lts 6-7. also 2 x 36 Im

Tower 123 W run $N 50^{\circ} 37' W 52.67$ ft
set Im 2 x 36 for Cor 1-5-6

Tower Hut 632.5 W in E old
road old road bears $S 67^{\circ} W$ for 150
ft then slightly Left

From 632.5 W run along E old
road $N 63^{\circ} 30' E 350 + 190 =$

490 Forks of road E-SE also
NE.

We set 2 x 36" boiler tubes
at All lot corners Except at East
Cor bet L 4 and 5 iron hits a road and
we pull it up and drive a 2 x 12" pipe

Chaining

Bay @ E Cor bet 1 & 2 Ch $N 50^{\circ} 37' W$

at 104. Hub + 6.0 = 164 Cross Left branch
 of old road coming from S.W. 104 + 273.5
^{377.5}
 = Hub on road + 31.09 = 408.6 IN bet 1 & 2
 set 8 ft from brink. 25 ft from foot of hill &
 60 ft from water

Note: This Finisher Taylor
 Survey.

Finisher Ranaley Survey

Ranaley's deed calls for a piece of land
 Beg @ SE Cor Gout Lot Sec

137-28 Then West 150 ft to Pig Lake
 then NE to where E line of Lot
 intersects Pig Lake. Then South on
 said line to place of beg ?

As the E line of Gout Lot
 does not hit Pig Lake I begin at
 a point in the sand closest to the water
 and set 2x52" pipe 42 inches in the
 sand 15 ft E of water edge and ch
 go on sec line 275 ft where I pull
 up hub and drive 2x36" boiler tube
 on the bank 30 ft so of brink NE-SW
 $275 + 87.10 = 362.10$ Hub + 238.3 = 600.40
 IN 2x36" set 12 ft N of sec cor + 12.00
 = 612.4 To sec corner OK, Finished
 all but the Map. Rains all night
 at home in penum.

John W. Cline

Owners:

Frank Armstrong 3956 Lyndale Ave North
 Theodore G Hidding Jr 4934-2nd Ave So
 E. Paul Streed 632. East 18th St
 E. W. Streed 4810. Pleasant Ave
 F. Arthur Streed 4733-4th Ave So
 Arne Verlo 2219. N.E. Ulysses St
 James Taylor Jr 3423-1st Ave So
 Fred T. Bailey 1413 W. 22nd St.

All in Minneapolis Minn

Twin City Tile & Marble Co

219-223 East Island Ave Mpls

F. Streed - T. G. Hidding Jr. J. Taylor
 Pres Sec V. Pres - Treas

Dated - - - - May 5-1925

June 17-1925 Wed

Figuring Mistake Pg 76. The Report of Lot 5 as 67.
H. Nat. 77. and Again 107. W of $\frac{1}{16}$ Cor

$$\sin 62660 \times 5267 = 33.00 \text{ N}$$

$$\cos 77934 \times 5267 = 41.04 \text{ W}$$

$$107 + 41.00 = 148 - 33 = 115$$

$$39^{\circ}23'$$

$$\sin 63451 \times 42.7 = 27.18 \text{ N}$$

$$\cos 77292 \times 42.7 = 33.00 \text{ W}$$

$$120.35 + 27.1 = 147.45 - 33.00 = 114.45$$

$$0^{\circ}35'$$

$$\tan = .101 \times 33 = 0.33$$

$$346.0 - 27.1 = 318.9 + .33 = 319.2 \text{ Lot 1. E End}$$

$$408.6 - 42.7 = 365.9 - 31.1 = 334.8 \text{ Lot 1. S Side}$$

$$39^{\circ}23'$$

$$\tan 8210 \times 160 = 131.34$$

$$334.8 + 131.34 = 466.14 \text{ 16.} = 482.1 \text{ S. Side Lot 2.}$$

$$466.14 + 131.34 = 597.48 = \text{S. Side Lot 3.}$$

$$597.48 + 131.34 = 728.82 = \text{S. Side Lot 4}$$

$$33.0 + 115 = 148.0 + 255.35 = 403.35 + 33.0 = 436.35$$

$$961 - 436.35 = 524.65 = \text{S. Side Lot 7.}$$

John

June 20-1925 Sat

Taylor & family come from mpls at 11-30
and Taylor gives me each \$100. on
East Hennepin State Bank
by James Taylor Jr.

Note: Rasmaley paid me \$25 for his land survey in sec 13.

137-28 Sec 23.

"E." Miscellaneous Pg 151

Sold

Cox Book 62 Deeds Pg 234

Underleak 68 " " 220

Geo H Ahl 68 " " 495

73

495 ?

US Fee Title

"E" Misc Pg 151 (158)

All of Lot 1. except that portion
lying S.E. of a line drawn from a
point on S. line of said lot 950.
feet West from the SE Corner
of lot 1 to a point on East line
1200 feet North of SE Corner
11. acres

E. Misc Pg 156.

Lot 4 Sec 13-137-28

All of lot except a strip

measured West from the SE Cor
of lot 300 feet; thence N. 1440.
ft; thence East 300 ft; thence
S. 1440. ft to place of beg

44. acres

US Fee title

Copied at Beaumont June

21

Taylor

86

8

7

6

5

4

3

2

1

1

2

3

4

5

6

7

8

9

10

Kamberling

Tennis Court - 56 x 108 outside
inside 36 x 78. Cut 1.01 - Fil 1 1/2 to 1.

Sept 12 - 1926 Sunday

Alma - Reed go out - Frank Kamberling
helps I shoot 16 out of 25 clay pigeons

Get 1.03, 12 G. shells from Frank

Lat out Tennis court in side hill.

Met Chas Mahlum and

Eat supper with Kamberling and home
to Jenkins too dark to finish

Sept 13 - 1926 Monday

Alma & I to Michener - Rain

Sept 14 - 1926 Tues

4

2. f. g. g. 1. 2.

+ 30

+ 20

+ 10

510 2.

+ 90

+ 80

+ 70

+ 60

+ 50

+ 40

+ 30

+ 20

+ 10

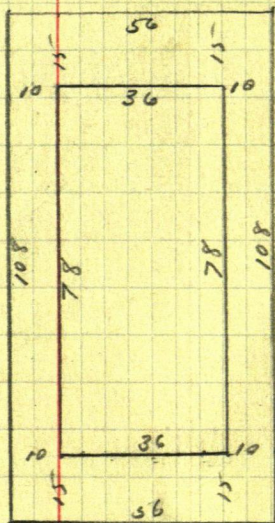
510 1.

+ 90

+ 80

+ 70

510 + 60.



91

Point

BS +

HI

FS -

ELY

Frank Chamberling

93

Continued From Page 61

May 1-1927 Sunday

Re Set Lot Lines

Reed and I to Jenkins in my Ford
@ 10-30 AM. Drive to McDowell Cottage
on Lake Bertha. McDowell and Deering
want to proceed at once. I send Reed
back to Jenkins to get Harold and
Harry find also use Deering's telephone
to tell Harold I forgot my chain

They arrive at noon

PM

Todd T. Transit over Wit Mon 1133
So of 1/4 on W Side Sec 20-137-28
Look North on flog @ 1/4 Cor and run
N 52° 51' E (= 37° 09') 158.8 Ft
to new corrected Hub Set 5 Feet W.
of Henry Qernche's East line. At
79.4 set Hub on line bet Henry
and Fritz Qernche

37° 10'

Sin 6041
Cosm 7969 $\times 158.8 = 126.55$ (close-
should be 126.50)

We spike in a
Hub about 200 ft N of 1133 on Sec
line Turn 90° and run East 126.65
to corrected hub set 5 ft West of W
line of Original Deering Line

Lot-2 Sec 20
137-28

McDowell

94

This is $15/100$ of a foot too long but
we let it go and call it close enough.
We set all stakes West as shown by
plat pg 96 viz: 2.5 - 5.0 - 4.46 - 5.0 - 2.5.
Home at 5 pm.

Alma Reed and I take Ito to Fallon's
in Beavine - Harry takes Harold home
to the farm. and plays with Wesley.
Note: Wesley was out to Newman's for a
ride to-day but pretty sick.

May 2-1927 Monday

I and Todd look over Sec 13-137-29
may sell it to Thorp Bros. I pay Todd
\$10. in full and he goes to Park Rapids.

Pick up Earl Schutze and we go
2-30 pm work till 4 rain. Set NW Cor.
Henry Oenike Lot West 2.5 ft. NW Cor.
of Deering Lot West 5. ft Home @ 4-15.
= 1 Hour 45 minutes for Earl. @ 30°

	33.33	
	313.0	
	200.	Dr Carl H Petri Book 50 Deeds Pg 462
825.0	208.75	E. M. Kenney Book 67 Deeds Pg 332 East 5 Acres
616.25	208.75	Chas O. Feise Book 68 Deeds Pg 158 West 5 Acres
407.5	120.31	Mertis M. Johnson Book 47 Deeds Pg 588
287.29	160.41	Inez P. Deering Book 70 Deeds Pg 130 Rolaf Tract
127.00	63.5	Henry Demcke Bk 65 D. P 154
63.5	63.5	Fritz Demcke Rolaf tract 55 D. Pg 356. West Half
	33	See line

May-1-1927

96

Note: This plat shows the old survey of Aug 14-1924 also the new change setting lines 5 ft West: more or less.

Aug 30-1927
Map made. about 4.5w

changed
July 15-1927

888.6

E. M. Kenney 3.80 acres

728.0

728.5

Charles O. Feisc 3.70 acres

844.1

Mertis M. Johnson 2.40 Acres

990

Inez P. Deering 3.50 acres

1020.4

1020.4

1090

1133

209.0

209

208.75

206.5

209.0

209

208.75

206.5

120.21

120.3 1/4

120.75

412.0

160.29

160.4 1/4

159.75

291.25

63.25 63.25

63.25 63.25

6350 6350 ok

65.75 65.75

131.5

65.75

00

114

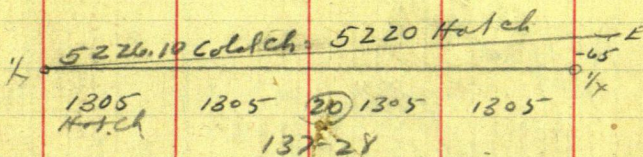
97

$$\begin{array}{r} 131.50 \\ 5 \\ \hline 126.50 \\ 63.25 \end{array}$$

$$\begin{array}{r} 65.75 \\ 65.75 \\ \hline 131.50 \\ 4.50 \\ \hline 127.00 \\ 63.50 \end{array}$$

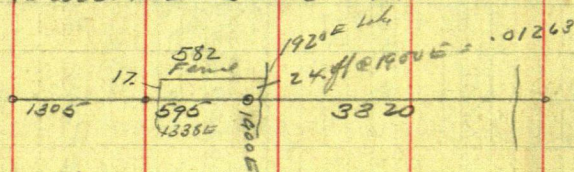
August 30-1927 Tues
Plotting

McDonnell called.



Diff. Expansion .001166 Page 11

Note: We will use 5220 as total



$$.01263 \times 1900 = 24.00 \text{ Ft}$$

$$.01263 \times 338 = 17.00 \text{ "}$$

$$1338 + 582 = 1920$$

Acreage

1	43	560	Sq Ft =	1. Acre
2	87	120	" "	2 "
3	130	680	" "	3 "
4	174	240	" "	4 "
5	217	800	" "	5 "
6	261	360	" "	6 "
7	304	920	" "	7 "
8	348	480	" "	8 "
9	392	040	" "	9 "
10	435	600	" "	10 "

① Hawkenson
Plat
Shady Rest

100

Sept 1-1927 Thursday

I talk with Peet Hawkenson about platting his land. He is at Jenkins and thinks \$300. is enough. But I tell him "Three-fifty flat" and he says all right.

Sept 2nd 1927 Friday

I go to Shady Rest and talk with Peet and Julia Howkenson and they agree that "\$350." is O.K. and will pay me out of the lot sales. I am to furnish all stakes and monuments and make plat to file with Register of Deeds and will furnish 12 blue prints of same.

I also agree to pay Peet 50¢ an hour for his work helping me.

We walk over the place. Peet takes me out in his car and brings me back.

Sept 3-1927 Sat

Reed and I work at Pequot running
grader for Pequot

Sept 4-1927 Sunday
at Jenkins

Sept 5-1927 Monday
Labor day - at Jenkins now work

Sept 6-1927 Tuesday
First day of school - Reed starts
Alma and I run grader at Pequot

Sept 7-1927 Wed.
Dwight Curo and I on grader
at Pequot

Sept 8-1927 Thursday
I and my Ford take Ilo to Bremer
Alma runs corn at Ritchie's

Sept 9-1927 Friday

L T Pallock and I work in PM at
Pegquet on grades

Sept 10-1927 Sat

All AM. in Office Rain PM. Alma
Reed and I on grades in Pegquet

Sept 11-1927 Sunday

at Jenkins. Poot and Julia
call at Jenkins and I arrange to
have Poot help me at Pegquet

Alma Reed and I to Sunday school
pitch horse shoes in PM.

Sept 12-1927 Monday.

Julia Brings Poot to Jenkins in his
Sludibaker then goes home. I and
my Ford & Poot to Jenkins @ 9-20

Run grades - Eat our dinner with Lewis
Arwig. 6 PM Julia comes to Pegquet
for Poot I eat supper with
Arwig and get home late

Sept 13-1927 Tues

Pest Houskisson rides in to Jenkins with some one I and my Ford take him to Pequot L. 8:30 a. m. work till 12 and drive home to Jenkins for dinner with Alma. P.M.

I drive Pest home to Shady Rest where we look over the ground for platting Back to Jenkins 3:30 P.M.

Sept 14-1927 Wed.

I work all day for "Doc" Morrow Reed goes to the show at Jenkins Alma and I meet Pequot Village Council in evening They pay me in full \$47.50

Sept 15-1927 Thursday

Alma and I all AM for O.F. "Doc" Morrow. P.M. we go to Pequot to look up survey for Mrs William Van Slyck Finch 2032, Princeton Ave St Paul Minn Note: This is Mrs Anna R. Finch - owner Lots 6-7-8 & 4 Schraders Add to Pequot.

Sept 15-1927 Continued

I am to survey her lots @ \$15.
Dr Rosenfield owns the lot adjoining
her on the South and I ask him to
chip in \$20. to pay for his lot and the
one East which he may buy.

Home to Jenkins at 4.03 P.M.
and find a note from Pat viz
"Mr. Cur. I expect you to come
and survey now. Don't delay"
signed "Howkinson."

Alma and I drive to Shady
Rest and we and Pat work till late.
Flag E & E & W Road.

Sept 16-1927 Friday

9. AM to Shady Rest. Pat and I set
stakes along E of road. Dinner with
Pat and Julia PM. at 2 PM.
Lewis Arwig corner and Pat goes with
me to run levels for Pequot Creek at
6-30 drive Pat home 7-10

Sept 17-1927 Sat

Reed and I finish 2nd and grade
stakes at Pequot

Sept 18-1927 Sunday.

6 PM. Chicken dinner Alma and I
at Geo Newman's 7 PM go get Esther
Newman at Piney Ridge

Sept 19-1927 Monday

Li Jenkins 8-30 Put Howkerson and I
over IM-1900 E of $\frac{1}{4}$ Focus on
Flag on line line over lake Butka on
line cuts 0.50 of a foot N. of N. edge of
old tall chimney left from burned
cottage Take course to red flags

Red flag at sta 1. not in sight

Sta 2 N $12^{\circ}52'W$. Sta 3 N $11^{\circ}30'E$

Sta 4 N $26^{\circ}30'E$ Sta 5 N $30^{\circ}24'E$

Sta 6 N $39^{\circ}48'E$ Sta 0. = IM 1900 E

From Sta 0. Run East 20' to bnd

N $12^{\circ}52'W$. Since $12^{\circ}52' = .9744$

$100 = 102.64$. $50 ft = 51.32$

$25 = 25.66$ $76 = 76.98$

We will lay out 50 foot lots leaving
No. 1 - 75 ft wide so that W. A. M. Donnell
can buy the south 24 feet N 12° 52' W
76.98 Hub - Bank 4 ft west. walls 20' E
= Lots 1 and 2. Then $51.32 = 128.30$ Hub
bet Lots 2 and 3 Bank 15 ft W. walls 5 ft E.
179.62 Hub Bet 3-4 - Bank 10' W. Sand 10' E
230.94 Hub Bet 4-5 Bank 2' W. Sand 15' E
282.26 Hub Lot 5-6 - Bank 10' W Sand 15' E
333.58 Hub Bet 6-7 - Bank 10 S and 20' E
384.90 Hub Lot 7-8 - 10' E 20' of 60 ft.
 $384.90 + 98.5 = 483.4 = 5$ to 2. ^{See pg 119 for correct ch}
Dinner with Julia PM.

To own IM = 2" pipe on E 1235 (19 Lots
65 ft wide) East of $\frac{1}{4}$ m W side of
Sec 20-137-28 and 70 ft (70.1 chained)
W of $\frac{1}{16}$ Tiall as registered by me
in McLowell's map is 1305.0 T.
 $\frac{1}{16}$ Ties to IM at last "Tract"
Cor 70 ft W of $\frac{1}{16}$ is
JP 8 N 39° 08' E 67.01
JP 15 N 43° 04' W 40.65
JP 9 S 37° 37' W 52.40
To head of nails in flat spot at base
Nails stick out $\frac{1}{4}$ inch Turned from
line line E & W. $\frac{1}{16}$ IM $1\frac{1}{2} \times 36$ "
sets East 70. feet.

(Sept 20-1927 Tues

Lo Jenkins 10-30 Ht 11-AM fish up
Piet Howhenson Tower Sta 3.

BS. on Sta 0 = Im 1900 E S 11° 30' W

② Bears S 70° 51' W 232.3 Ft

① " S 74° 29' W $120 + 250 + 92.2 = 462.2$

4 " N 61° 49' E 249.9 Feet

From Stake 333.58 Continue N 12° 52' W

51.32 To 384.9 Ht 10 ft 20 of Bog.

+ 90.6 = 475.5 Sta ② 7 ft 20 of E-W
road.

Tower Sta ① BS on Sta ③ N 74° 29' E

The 1/16 Cor Bears S 31° 39' W 498.1 Ft

Take Lake Shore

Tower ③ Take Trees on the bank N Shore
Lake Bertha

Dead SP 4 S 31° 30' E 79.5

WP 6 S 73° 30' E 62. Ft

Oak 8 S 51° 30' E 53 "

Dead SP 10 S 2° W 60 "

Tall Pole S 32° 50' W 100.

Old Stump S 43° W 141.

On White fish 2 dead oaks N 20° W 147.

Julia helps chain 1 Hour Rain

dinner me home @ 2-PM. No dinner

John W Curo

Sept 31-1927 Wed

Lv Jenkins in my Ford @ 10-00 @ 10-30

Pitt Howhenson and I

Beg @ IM 70. Ft W. of $\frac{1}{16}$ Chain
North along Maxwell's Lot line
300 stake: @ 364.8 Im old Bed side
365. stake for Maxwell's No line
384 road E-W - new fork-crooked
526.2 Iron pipe

526.37 Nail in my old Hut
300 + 282 = 582. Sharp edge of Brink
5 ft Hi 584 Sand Beach

605. Water's edge Whitefish Lake

Nat: This line turns 90° to
E-W - C see 20-137-28

Take Bog

T over Sta (2) BS. S $12^\circ 52'$ E m o.
N Edge of Swamp south 15 ft

NW " " S 40° W 40 Bank S 55° W 45

SW " " S 30° W 60. Bank 85

S " " S 20° W 73. Bank 90.

S " " S 2° W 78 Bank 88

S " " S 13° E 80 Stake 90.6

NE " " S $33^\circ 30'$ E 20. T. 50: @ 87 S. side

@ 105.7 Oak 7" m Point: @ 115 low sea wall

@ 150 water in Bertha Lake

Sept 21-1927 cont'd ① Pete
Hawkenon

110

From Sta 2.

2" WP on Pt from the West bears $S38^{\circ}15'E$
 109.7 @ 148 water

$S50^{\circ}E$ 40 T. point from the East.

$S55^{\circ}E$ @ $20'$ NE pt of swamp: Over Point
and at $60'$ enter swamp.

Tall stake at mouth of proposed Canal
bears $S52^{\circ}E$ 94.5 . Water 130

Run $S63^{\circ}E$ @ $100'$ enter swamp - Solid land
 $10' L$. @ 135 water

Nat'l. This is a Proposed Harbor.

Taking North Swamp

also a proposed Harbor: Bath to be for

Lat Owners Only.

Still on Sta N: ②

SE Cor Swamp N $8^{\circ}E$ 37

E. Edge " N $6^{\circ}W$ 8. - North 97

8" Oak 4 ft up on Brink N $8^{\circ}10'E$ 109

S. Side Swp N $20^{\circ}W$ 25. - N $60^{\circ}W$ 52

on Brink solid land viz

5" Poplar N $55^{\circ}W$ 66; 4" Bass N $37^{\circ}40'W$ 95

3" Barnwood N $32^{\circ}W$ 120 Ft and @ 132.2

a 9" Oak on point & Road 7' N.

From Sta ② BS $S12^{\circ}52'E$ Run

N $12^{\circ}52'W$ $117.6 + 475.5 = 593.1$ Hat

= Sta 7. on sand 10 ft to water

III Sept 21-1927 cont'd (12)

π @ Sta 2. Rake in all Hut S $12^{\circ}52'E$
Eat lunch with Julia Booke @ 3-30 PM

Turn ⑦ BS S $12^{\circ}52'E$. Run

N $85^{\circ}06'W$ @ 44 Oak Tree about 4' S

Pt for stake 10' S. : at 60 ft Bank 4 ft

Hi S. 4 ft : Pt for stake 10' S. @ 108

Bank 3 ft S. 5 ft Hi Pt for stake 10' S

@ 153 Bank 5 ft S : @ 211. Hut St ⑧

in sand 6 ft so of water

Bank 4' Hi S 15 ft Foot 5' 12 ft

Turn ②

Picket in sand Half a mile away bears

N $59^{\circ}33'E$ - Peet's Glove on picket

= Sta _____

Another short stake in sand bears

N $60^{\circ}31'E$ = Sta _____

Run N $60^{\circ}28'E$: @ 60 FT Water 10' N

Foot of bank 14 ft S. = 4' Hi : Top 17 S.

Pt for stake 25' S.

@ 130 : Water 15 FT N. Foot 4' Bank 5' S.

Top 10' S. @ 150 T. 200 Foot of

Bank 10' S. Top 20' S - Water 15' N.

@ 257 Water 15' N. Foot of Bank 3' S

Top 5' S. Pt for stake 20' S.

@ 300.5 Sta ⑨ on sand. Water 4' N

Foot of Bank 12' S 10' Hi Brink near

Top 20 ft S Pt for stake 30 ft S.

Run over Sta 8 BS on 7 S 85°06' E Run
Went: @ 50 ft = water edge: Foot of Bank
12 ft S. 6' H. Brink 20' S. Pt for stakes 30's
@ 100 Water edge 4 ft S. Foot S 76°30' W
Brink 5 ft further S.

@ 150 Water 3 ft N. Foot of Bank
S 84°30' W Brink 5 ft further S

8 Run S 89°05' W 210 Ft to Sta
on Point 12 ft S of water. Foot of
Bank 4 ft S. Top 9' S.

π @ 8 Stake at Water edge near
Maxwell line bears N 89°54' W
320.5 ft about

Nale: From ^{Bank} here East to ^{Bank} Sta 8 at
the lake shore says 5 to 10 ft so out
of line. Out at 5 PM. Home @ 5:30
Pete and Julia also come to Jenkins
I write these notes from slips of
paper this evening Out at 11:55

Sept 22-1927 Thursday

Map Work.

This is the day Dempsey Fights Tonney
Reed takes his mother to Newmans to
make krou. I take him to school then

Work on detail Map Page 111.

$$\begin{aligned} 59^{\circ}38' &= 30^{\circ}27' \text{ Tang} = 587.87 \text{ in } 1000 \\ 60^{\circ}31' &= 29^{\circ}29' \text{ " } = 565.39 \text{ in } 1000 \\ 60^{\circ}28' &= 29^{\circ}32' \text{ " } = 566.54 \text{ in } 1000 \\ 85^{\circ}06' &= 4^{\circ}54' \text{ " } = 0.85.73 \text{ in } 1000 \\ 89^{\circ}54' &= 0^{\circ}06' \text{ " } = .061.65 \text{ in } 1000 \end{aligned}$$

All day at Venthins on map work. Reed and I
eat dinner alone PM. 3 to 4.20 I take Geo
Newman - Esther and Alma to Pequot Dr.
Rosenfield agrees to allow me \$20. for surveying
his two lots if I will take his bid against
Newman which is just \$20. also. Geo
and I look over the lots then back to Venthins
where Reed takes Alma and Esther home
while I work on the map of Shady Rest

4-20 PM. Note: Closing my preliminary
map on Maxwell's corner my pencil
lines look 5 ft off checking so I will
figure it out.

viz
Nix changed = 600.8

$$\begin{aligned} \text{Sine } 22268 \times 593.1 &= 132.07 \text{ W} \\ \text{N } 12^{\circ}52' \text{ W } 593.1 \text{ Cosine } 97489 \times 593.1 &= 578.21 \text{ N} \end{aligned}$$

⑦ is 1767.93 E and 578.21 N of $\frac{1}{4}$ Cor Nix

$$\begin{aligned} \text{Sine } 99635 \times 211 &= 210.23 \text{ W} \\ \text{N } 85^{\circ}06' \text{ W } 211 \text{ Cosine } 08542 \times 211 &= 18.02 \text{ N} \end{aligned}$$

⑧ is 1557.70 E and 596.23 N of $\frac{1}{4}$ Cor

$$\begin{aligned} \text{Sine } 10000 \times 320.58 &= 320.58 \text{ W} \\ \text{N } 89^{\circ}54' \text{ W } 320.5 \text{ Cosine } 00175 \times 320.58 &= 0.66 \text{ N} \end{aligned}$$

Maxwell stake 1237.2 E and 596.89 N

Should be 1235. E and 605 N ?

Note: Some Mistake will run this again
See Page 119 - 7.9 Shift 0.7

Change Page 119

Nix
became

Sept 22-1927 continued

Reed and I in our Ford L. Jenkins
4-30 and at 4.55 arrive Shady
Rest Tower

Tower Sta ④ Sta 0. = 1900 Bear
S 26°30'W ③ bear S 61°52'W. Close ck.
See Page 108 = S 61°49' Close enough

⑤ bear N 49°41'E 153.5 Feet

Taking trees on Brink Tower ④
Oak 4" S 42°W 96. On Brink 2 ft in
From her West brink says 5 ft S.

20 ft Hi 30 ft to foot and 50 from water
Stake on Brink S 40°30'W 67

WP 6 S 21°E 19.5 WP 8 S 88°E 21.5

JP 3 N 66°E 106. All on Brink 25' Hi
25 ft to foot and 50 ft to water

Basswood 4" N 63°W 109. on Brink
2 ft in 6 ft Hi Foot 10 Water 25 North

Oak 3" N 14°W 77. Brink 5 ft Hi 2 ft in
Foot 5' N Water 25' N. 10" Dry Stob

N 11°E 94 Brink 5' Hi Foot 5' N. Water
25 N 20' S and Beach Bunt 6 P.M.

Drive to See Peet a minute then
back to Jenkins. Reed gets his Mather
and we take in Radio at Lowson's
Tunnies wins. Home at 10. Start for bed 10.40

John H. Cress

115

16

Sept 23-1927 Friday

Plotting N49°41'E 153.5 to sta (5)

49°41' = 40°19' Tang 84856 in 1000

PM

Alma-Rud and I go to Pequot to
 look over survey of Dr Rosenfield's lot.
 Meet Mrs Finch who is going home to
 St Paul tomorrow. I give her a bunch
 of my cards.

Sept 24-1927 Sat.

Storm all day in Jenkins

Sept 25-1926 Sunday

PM.

Alma and I drive to Shady Rest
 3-30 Puck and I work in heavy cold
 NW Wind. Hal, Alma and I check chain
 the Maxwell line and find same
 605 ft N to water O.K. N 582 Bunk
 605 water Check chain from
 ② to ⑦ = 117.4 O.K. Ch.

Town Sta O. = 1900 E IM Puck and
 I check angle vj

Town O.

Sta 2 Bear N $12^{\circ}52'W$ 3 " N $11^{\circ}30'E$ ④ N $26^{\circ}30'E$ V marks5 " N $30^{\circ}24'E$ ⑥ N $39^{\circ}48'E$ 7°20'Check Chain Lat N $12^{\circ}48'W$ Sec P₉ 106Nali:
some mistake, here
will see later

290.34	Total
193.40	600.8
117.40	
601.14	P ₉ 119.

OK corrected
Oct 5 P₉ 119Town Sta ⑤ BS. S $30^{\circ}24'W$ on O.④ Bear S $49^{\circ}38'W$ (Nali P₉ 114 says $49^{\circ}41'$)⑥ " N $61^{\circ}35'E$ = @ 93. foot of hill

@ 144.4 Hub 2' S of 5 wheel lock

@ 222. Hub foot of second hill ^{2nd corner} + 167.8 =

389.8 Hub = Sta ⑥ 222 Hub S of N wheel

lock. Take Ties on Brink Town

⑤ Oak 55 $41^{\circ}30'E$ 31. FT Bk 25' Hi 50' To
water - 25 ft Beach Pop 3 S $78^{\circ}30'E$ 51.40 ft to water WP 10 N $76^{\circ}30'E$ 89.7 Bk 8' Hi30 ft to water Barrow 4 N $62^{\circ}W$ 49.Bank 3 ft W Sq 5 ft drop to Beach 35 to
Water Dead Bass 3 N $22^{\circ}W$ 45 on

sharp Brink 8' Hi 30 To water 25' Beach

Bass 4 N $21^{\circ}10'E$ 63. Sharp Brink 7' Hi water
25 Beach 20 ft wideTown ⑤ run N $61^{\circ}35'E$ 144.4 To Hill

⑤½

117

(18)

144.4 = Sta 5 1/2 π over 5 1/2 BS N 61° 35' E
 NP10 S 12° W 24.4 on Bank 4 ft Hi
 32 to water Beach 28 ft wide NP5 S 86° 30' E
 40.7 Bank 4 ft Hi 30 to water 25' Beach
 Old 16" Alump N 73° 15' E 107 Bk 10' Hi
 Water 33 Beach 20 ft Low Bank N 65° W
 50 Water 32 Beach 25 ft Bk 2 ft Hi
 8" Elm N 1° E 59 Bk 2' Hi 25 to water
 20 ft Beach 10" stub N 37° 10' E 225-
 Nali @ 208 Bank 10' Hi 20 ft Beach 35-
 to water Nali: The stub is 17 ft. long
 away from π to get true position of Bank
 as bank is broke over and stub is out
 over the side Out about 6-PM
 Alma and I return home to
 Jenkins

Sept 26 - to Sept 30 - 1927
 With Wilson Twp See Book 216.

Oct 1 - 1927 Sat -

59 or 1. a/c \$5 to Dwight Reed &
 Alma go to Peamant get Mary &
 Dwight - I go to Pequot Mrs Aring
 bring me home. On map + notes

Peet and Julia Call at 7-15 PM and want
 rough plot for tomorrow

Oct 2nd 1927 Sunday
Platting

Rain all last night and still raining at
10-AM. $61'35'' = 28'25''$ Tang = 54.07

3-PM. Peet and Julia come to the office and
as I have no sketch ready Peet decides to
take the 3-10 Bus to Mpls. I write and
hand him a letter (Copy in my files).
Still raining at 4-10 PM.

Alma and Reed are out with the car
at Ritchie's mortg.

Figuring Back Lots:

$N 31'39'' = 58'21''$

Oct 3-1927 Monday

On plat in Jenkins Alma-Reed
and I go to Pequot and at 8 PM.

I meet the Village Council who pay
me in full \$27.

Oct 4-1927 Tues

all day on map. Alma and I go
to Pequot where I get my ch. Corshel
and buy small heater for office \$3.25

Oct 5-1927 Wed.

Roy Bryant and I in my Ford
 to Jenkins 10-am. and Check
 Chain to find a mistake. I have
 made Beg @ 00. = IM 1900 at MC
 Dowell's chain $N 12^{\circ} 52' W$ Sec P 106
 $76.98 + 51.32 = 128.3 + 51.32 = 179.62 +$
 $51.32 = 230.94 + 51.32 = 282.26 + 51.32$
 $333.58 + 51.32 = 384.90$ To last lat Sta
 18 ft 20 of Boy + 98.50 = 483.40
 To Sta ② O.K. Correct 7.90 diff
 See Pg 106 ¹¹⁶ 483.4 + 117.4 = 600.8

Grind axe - Julia alone

Home to Jenkins 11.35

PM

Peet Howkerson arrives on the Bus
 from Mpls - Julia meets him and I
 promise to be out tomorrow

W O McDowell also arrives and
 drives out to his callog

Mrs Kemper puts valise seal on
 McDowell map 25¢ pd.

(21)

Oct 6-1927 Thurs

All AM on maps PM

2 PM L. Jenkins in my trial. Deliver
 certified map of McDowell. to Oeniche
 least to McDowell talk 30 minutes
 and drive to Howkenson's address
 gone and @ 3:07 PM I work alone.

Turn Sta 4 BS. on @ S 39° 48' W
 Van road 7:20' 01' Sta 5 bears S 61° 36' W
 NP 12 S 49° W

At 3-10 PM. Peet and Julia return
 and Peet helps me chain

NP 12 S 49° W 110. Water 60 ft 25 ft
 25 ft beach. Top Cut Bank S 45° W
 57. Out 6 S 5° 30' E 30. Water 60

Bk 25 ft Beach 25 ft
 Dead WP 15 S 82° E 72 on brink 60
 ft from water 25 ft 20 ft beach
 Turn WP 15 S N 86° 10' E 141

Same Bank

Broken Basswood N 27° 40' W
 86 ft On Brink 10' ft 35 to water
 30 ft Beach; Cut bank N 12° E

90 ft. 8 ft 35 to water 25' Beach
 Cut Bank N 33° 40' E 137 ft Same
 Bank.

(21)

(22)

From Sta ⑥ Run N 60° 35' E 405.3
 To Sta ⑩ Turn ⑩ Take trees
 on sharp brink BS S 60° 35' W
 WP 14 S 21° 30' W 166 Water 40 feet away
 Rh 20' H' 20' Beach 10" Oak S 12° E
 145 ft Water 40 ft away Rh 18 H' 20' Beach
 NP 14 S 61° E 196 ft 15 H' Water 35'
 Beach 20 ft 4" Oak S 79° 30' E
 262 ft. Water 45 Rh 12' H' Beach 25'
 Dead Bar 10 S 79° 30' W 218 Rh 8' H' 35' to
 Water 25' beach Bar 9 N 66° 30' W 138
 8' Rh 25' to Water 20 ft beach Birch 8"
 In Reverse N 7° 30' W 140 ft Rh 5' H'
 Water 30 Beach 20. Note Bank higher 20' back.

⑩ Continue N 60° 35' E 194.10 ft
 To Sta ⑪ Turn ⑪ BS - S 60° 35' W
 Take trees on Brink Continued
 Dead Birch 7" N 35° W 148 Brink 10 H'
 Water 25 Beach 15. Note Rh higher 20' back
 Oak 12 N 9° 30' W 160 Brink 8 H' 25' to Water
 20 ft beach. Dead Oak 3 N 16° E 200.
 Water 30 - Rh 8' H' 23 ft beach Higher 25' Back
 Oak 8 S 62° E 210 Rh 5' H' 45' to Water ^{Beach} 30 ft
 Howkerson Main Building.
 24.4 so front on lake. Side 28.4 n.
 Kitchen on back 12 x 19

Oct 6-1927 continued ⁽²³⁾ Howkenson
20-137-28

(22)

House: SW Cor: $S 64^{\circ} 10' E 128.5'$
NW Cor $S 75^{\circ} E 112.1'$ NW Cor of Kitchen
 $S 80^{\circ} 43' E 106.4'$ Sta (10) Continue
 $N 60^{\circ} 35' E 211.1'$ ft to Sta (12)

Pet and I work in the dark 1: 6-15 PM

Note: At 3-30 PM when Julia and
Pet are working with me I suggest
that they sign some roughly written
agreement that they will pay me my
\$350. ^{for this work} as soon as they sell some lots

They say they will surely pay me in
full \$350. if I will furnish the "blue
print" but will sign no papers
and if I do not go on with the work
they can get "another surveyor" Pet
says Young Shultze heard him say
that the Pet would give me the three
hundred and fifty dollars so I will
go ahead and take my chance.
Horns at 6-30 - dark.

123

(24)

Oct 7-1927 Friday

Platting: $12^{\circ}52'$ Tang = 228.42.Pg 108 - $70^{\circ}51' = 19^{\circ}09'$ Tang = 347.26 $74^{\circ}29' = 15^{\circ}31'$ Tang = 277.64 $31^{\circ}39' = 58^{\circ}21'$ Tang = 616.41 $61^{\circ}49' = 28^{\circ}11'$ Tang = 535.82Pg 111 $85^{\circ}06' = 4^{\circ}54'$ Tang = 085.73Pg 114 $49^{\circ}41' = 40^{\circ}19'$ Tang = 848.56Pg 116 $61^{\circ}35' = 28^{\circ}25'$ Tang = 541.07 ~ 1000Pg 121 $60^{\circ}35' = 29^{\circ}25'$ Tang = 563.85

Peet and Julia come to my office 4:30

L.C. 4.55

Tang 1' = $1.754 \times 389.8 = 6.80$ Sta 5 to 12 = 7010' 1200.3 into 6.80 = .00567
= $0.19\frac{1}{2}'$ To correct Sta N 6, North in line with Sta 5 to 12
= .005666 Correcting

Sta 11 goes N 1.20 Sta 10 N 2.40

Sta 6 goes N 4.59 All to be on line bet 6

 $5-10-11-12$ N $60^{\circ}35'$ + $0.19' =$ N $60^{\circ}54'$ E 1200.3 Feet 5 to 12

Oct 8-1927 Sat

Still platting in office PM. Snow Storm

Peet and Julia call about 4 PM

anxious for their map I work

after supper till 7 PM. $\frac{1}{2}$ " snowN 615 I wrote to Hansson a letter to be sent to J.S.
CLASSEN.

Oct 9-1927 Sunday

Fog is last night $\frac{1}{2}$ " thick $\frac{1}{2}$ " snow

still on. Purdon and Esther Newman

L. for Wpts in their "new" Ford @ 10 AM.

Alma at Sunday school.

23

Oct 10 - 1927 Monday

Mayor Galdberg of Pequot
wakes us up at 7-am and I and
Alma go to Pequot to run levels
for tide walk in front of Church

Levir Knutson comes to town with
8 or 10 of my iron monuments in his
car. no charge for my work. Boek to
Jenkins for dinner. PM like Reed
to school and find I have left my
300 ft. tape at Pequot. Alma and I
L1 @ 1-50 Boek at 2-15 L1 Alma and
go alone to Shady Rest. At 2-25

Julia Los in her car at 2-30 and Peet
Howkenson and I take tires on
Lake shore. T over Sta (12) B5.

N 56° 35' W Dead Birch 4 N 38° 20' W
145 ft - Bank 7 ft Hi 27 ft from water
25 ft beach Bank N 31° W 136 @

(196) water edge Bk 4' Hi 29 ft Beach.
Bank N 23° W 104

Variation reads 7° 30' OK. Bk 1 ft to
beach Wide Beach.

N. 5° E 94 to bank 1 ft Hi 1 ft to wide
beach. 3 Oaks in E of broad sand
beach - N 23° 20' E 172 ft Oaks 8-10-12"

π @ Sta (12) $N 28^{\circ} 30' E$ 162 edge of low sand beach Blood Beach Bk O.O. Hk.

8' Elm $N 30^{\circ} 10' E$ 225 - Bank 2 ft H.

32 ft from water - 30 ft beach. Nalg:

From here west water edge runs about straight to last point taken

Port Hole - Harbor

Edge of water: Red flag $S 75^{\circ} E$

108. Out stump $\times S 88^{\circ} E$ 144. Black

stake $S 61^{\circ} E$ 183. Black stake $S 55^{\circ} E$

236. Edge of water $S 51^{\circ} E$ 240

Edge of water $S 49^{\circ} E$ 230. White stake

$S 43^{\circ} E$ 208. Board stake $S 49^{\circ} E$ 172

15' stump $S 50^{\circ} 25' E$ 146. all at edge of water in Port Hole.

On Lk. Bertha: Oak $75^{\circ} 30' 51' E$ 187

@ 246 water edge Oak $185^{\circ} 38' 12' E$

181. at 255 water Present Road:

North 15 ft: $S 44^{\circ} W$ 85 to 150: $S 45^{\circ} 30' W$

230 & road $N 52^{\circ} E$ 60. $N 71^{\circ} E$ 148. N

$82^{\circ} 30' E$ 240. $N 83^{\circ} 30' E$ 285. $N 82^{\circ} 30' E$

300. π still at (12) Run $S 52^{\circ} 37' E$

$110 + 184 = 294$ to Birch stake on sand

Beach = Sta (13) From (12) set red

flag on sand for Sta (14) Bear

$S 60^{\circ} 57' E$ about 450 ft away.

Oct 10-1927 continued Hawkenson 126

²⁷
T still @ (12) run N $51^{\circ}44'E$
@ 238 SW Cor store Ho. 50 L. @ 271 SE Cor
14 ft L. Ho. 18x30 Tin covered. @ 300 pencil
in sand. + 127 = 427. Hub. @ 300 + 255.5
= 555.5 Hub 4 ft from sharp turn 25' Ht
50 to 60 ft from water 20 ft Beach
small pebbles and sand. Quit @ 5-30
and drive Julia and Piet West to inspect
Proposed Harbors - they walk back home
I or Jenkins about 6 PM.

Oct 11-1927 Tues.

Plating in office. PM. Lv @ 1.15 or 1.30
Piet and I work π over (5) Focus on (6)
turn 90 Ch 6.8 Hub 2x12 oak 1 ft N so.
wheel track: π over 6.8 Focus on Sta
(6) and run S $60^{\circ}35'W$ 25-50-50-50-
50-50-50-50-50-50-50. set Hub
From 6.8 run N $60^{\circ}35'E$ 25-50-50 to
W side of Street then 36 ft to E side.
Nab: This line starts @ Sta (12) and
run S $60^{\circ}35'W$ 1775.3 ft as a base
from which I shall turn 90° and
run my lot lines N $29^{\circ}25'W$ Quit
at 6 PM. Piet walks home.

127

Oct 12-1927 Wed. ⁽²⁸⁾

On map in office - rain in storm
somewhat and snow. I build a
sling boat to haul our heater home
but decide to let Leo Walton do it
and pay him 50¢ in advance.

4-30 Julia and Peet call at my
office work on plat till dark

Oct 13-1927 Thurs

9-AM in the office. 10 AM Peet calls
works on his car at Olson's garage

Plotting: (12)-(13)-(14) - Pg 225

$52^{\circ}37' = 37^{\circ}23'$ Tang = 764.10 in 1000

$60^{\circ}57' = 29^{\circ}03'$ Tang = 555.45 in 1000

Pg 226 - $51^{\circ}44' = 38^{\circ}16'$ Tang = 788.81 in 1000

Julia and Peet come back 4 PM

I finish plotting at 5-45 and
they drive me to Pequest where I
mail plotting 5-57 PM to

Electric Blue Print Co 355
Minneapolis St Paul for 6-
blueprints map sent First class
and special Del.

John M. Curro

From 365 N Iron Bed side Mon at SW Cor
 of Maxwell Tract Focus South on Flag @
 Im 365 S. Then to get past Pop Tree off set
 0.20 of a foot S and run East 70 feet
 (really 70.1 ft. Plat li show only 70 ft) Then N.
 0.20 and straighten up 1x26 Iron set by
 Maxwell for his True SE Cor on the True
 N-S- $\frac{1}{16}$ line and at a pt 65 ft E of $\frac{1}{16}$
 line ch N 0.20 of a foot and set 2x2x2x"
 white stake for SE Cor of S.D.

Tract. Continue our line East to Road
 line then N. 0.20 and set white stake
 to mark the True 90° angle. I will use
 this point later to mark True I.P. of
 N side 20 ft road with W side of 66 ft
 road. We also set Lat stakes along
 E of Road near Howkenson's House
 Nat; one Lat Cor with Fall 21.7 ft E
 of Sta C. Alma and I have lunch with
 Peet who gives me a ch Viz

Formers State Bank Pequot Minn
 No 264 Oct 14-1927 T.

J W Coro 810. Julia Howkenson
 We get home after dark

Oct 15-1927 Sat

Work all day on plat which I finish
at 5-45 Peet and Julia take me to Pequot
and I get the licensing in the mail 2.
minutes before 6-P.M. mailed to Electric
Blue Print Co 355 Minnesota St. St Paul
for 6" blue prints

Oct 16-1927 Sunday

Oct 17-1927 Monday

I get the 6 Blue Prints of Shady Rest - go to
Pequot with my Tendaless Ch. Then Reed
and I drive out and deliver 5 Prints
to Peet Howkinson at 2-P.M. Then back home

Oct 18-1927 Tues

Peet and Julia may go to Mpls
today to sell lots

Oct 27-1927 Thursday

Geo Newman and I survey for Dr Rosenfield at Pequot. Peet and Julia return from Mpls @ 2 PM
Peet Lrs word at Jenkins for me to come out

Oct 28-1927 Friday Lay off work at Pequot and go to Shady Rest @ 10 AM. Peet helps me and we re-number and make more Lts
Lot 44. of original Tentative Plat we cut in two making 50' part 44' and a part 54'

W. Side Lot 44 is 27 ft long stake set 2 ft from the Brink.

W Side 54 = 50' set 2 Ft From the Brink
Note: In Running W Side of 44. NW Cor Falls in E of 12" Basswood

Turn 2°40' R. from E road @ 16.5
Temp NW Cor Stake + 27 = 43.5 Temp
Stake 2 ft from Brink 2°40'

Sin = 0.465
Cos = 99.89

Tang = 0.466

16.5 goes L 0.77 Set in Fork of
cluster of Big Boxwood but not
quite where it belongs Set stake 43.5
L 2.00 Feet

Length of Lots Bet stakes - Dist From Brink
 W Side Lot 45 is 40 Ft 7. Ft To Hl Brink
 " " " 55 = 45 " 2 " " "
 " " " 56 = 46 " 9 " " "
 " " " 46 = 51 " 6 " " "
 " " " 57 = 60 " 2 " " "

Note: W Side Lot 57 Cuts $\frac{1}{2}$ inch into E
 Edge of 12" oak tree

W Side Lot 47 = 67 Ft 2 Ft From Hl Brink
 W Side 58 = 70 Ft 2 " " "
 W " 48 = 77 " 6 " " "

Note: at 78.7 Nail 10 d in cen. of W half
 of 15" NP

W Side Lot 59 = 88 Ft Set 5 Ft From Hl Brink
 W " 49 = 102 " 3 " " "
 W " 60 =

July 10-1928 Tuesday

Reed and I in my Ford Lo Jenkins
 9-am Drive to Shady Rest. Pect and
 Julia are home. Reed and I grind
 loafs Axes and scythe. I cannot
 work till I check up tentative plot
 and go back to Jenkins. Dinner at
 home with Alma and Sue for
 PM

Copy Loose sheet found in this
 Book as follows

West side Lot 44 = 27 ft "

45	= 40	
46	51	
47	67	
48	77	
49	102	
50	120	
51	137	
52	144	
53	150	
54	50	
55	45	
56	46	
57	60	
58	70	
59	88	
60	102	
61	107	
62	114	
63	120	"

July 10-1928 continued Hawkinson 134

35

Copy another loose sheet found in this book viz

"Run N Bet 59-60 Tree on W. Line 60
Run N 0°30' Tang = .87 @ 102 + 16 = 118
.87 x 120 = 1.04
N Bet 59-60 @ 102 + 16.5 = 118.5 Then L 1.04
W side of 60 is 102 S 1/4 3 ft from Brink
W side " 50 = 120 FT 3 ft Back
" " 41 = 107 " 3 " "
" " 51 = 137 " 5 " "
" " 52 = 144 " 6 " "

North Bet 61-62 - 0°30'

@ 114 + 16 = 130 Tang = .87 Ch R 1.13 stake
3 ft from Brink

@ 90 Ch E 0.78 Set stake on line
No 114 is 6 ft R of lowest point of Revers

West side 63 is 120 Back 3 ft
" " 53 = 150 3 ft from Brink

COPY

Copy of my letter to Peet Hawkinson viz

The length of all lots when not shown on the plat From the edge of the right-of-way to Top of sea wall are as follows

West side of Lot

16 =	210
17 =	200
18 =	200
19 =	160
20 =	120
21 =	115
22 =	95
23 =	60
24 =	50
25 =	50 and 85
26 =	40 " 100
27 =	30 " 110
28 =	30 " 120
29 =	30 " 125
30 =	25 " 150
31 =	10 " 80
32 =	4 " 65
33 =	3 " 55

W side of Lot

34 =	10 and 40
35 =	14 " 30
36 =	18 " 25
37 =	8 " 25
38 =	3 " 30
39 =	5 " 42
40 =	5 " 52
41 =	5 " 65
42 =	5 " 72
43 =	20 " 65
44 =	27
45 =	40
46 =	51
47 =	67
48 =	77
49 =	102
50 =	120
51 =	137

135-

135 July 10-1928 Continued 36

Copy-continued

West Side of Lot

52 = 144 Ft

53 150

54 50

55 45

56	46
----	----

57.	60
-----	----

58 70

59 88

60 102

61 107

42	114
13	130

03 120

Note The East sides. Viz

E Side Lot 22 = 60 Ft

11 " " 37 = 3 and 30 Pf

The Length of the lats when taken to the Foot of the Seawall are much longer than the distance here given and from 20 to 30 Ft Longer when taken to the waters edge.

signed John W. Curo Jenkins
Nov 3-1927

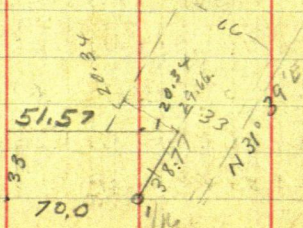
minis nos 13-1927 11

Copy valid all PM.

Reed grass swimming with *L. helix* & *D. angustifolia*

5 PM I and Ivers P. Babcock Jr 8

years old Lr in my Ford. Make
back shots and drive to 1/16 in center
of West half Sec 20-137-28



July 10-1928 continued

Pete
Howkenson

136

37

N31°39'E

$$\text{Sine } 52473 \times 38.77 = 20.34$$

$$\text{Cosine } 85127 \times 33 = 38.77 \quad \text{OK.}$$

$$\text{Tang } 61641 \times 33 = 20.34$$

From 1/16 Run

$$\text{N31°39'E } 38.77 \text{ Hub} + 29.66 = 68.43 \text{ Hub } 68.43$$

"Junior" and I set Hubs From 1/16 run N31°39'E

$$@ 38.77 \text{ set Hub } 33 \text{ N and } 20.34 \text{ E} + 70 = 90.34 \text{ E}$$

$$90.34 - 38.77 = 51.57 \text{ E for SE Cor Lot 9.}$$

@ 38.77 + 29.66 = 68.43 set Hub in line with
NE Cor Lot 9. but in E 33 ft street

N31°39'E 68.43

$$\text{Sine } 52473 \times 68.43 = 35.91 \text{ E} + 70 = 105.91 \text{ E}$$

$$\text{Cosine } 85127 \times 68.43 = 58.25 \text{ N}$$

Quit at 8-P.M. Home to Senkhus in
12 minutes

July 11-1928 Wed

Figuring on Howkenson Plat of Shady Rest
Lot 9 Shady Rest From Hub 105.91 E and
58.25 N = Hub marked 68.43 run

N58°21'W @ 90° to street

$$\text{Sine } 52473 \times 124.41 = 65.28 \text{ N} + 58.25 = 123.53 \text{ N}$$

$$\text{Cos } 85127 \times 105.91 = 124.41$$

$$\text{Tang } 61641 \times 105.91 = 65.28 + 58.25 = 123.53 \text{ N}$$

$$105.91 \text{ into } 85127 =$$

$$\text{NW Cor Lot 9} = 123.53 \text{ N} - 33 = 90.53 = \text{W side Lot 9}$$

$$75185127 = 113.5 \quad 85127 \quad 750000 \quad \angle = 88.10$$

$$88.10 + 20.34 = 108.44$$

Howkenson sells "Lot 30" Alma Reed
Junior in P.M. at Shady Rest

Jahn W. Curo

137

38

July 12-1928 Thursday

Still on Howkumon Plat

Figuring Lot 1-: 85127/75 L = 88.10

 $88.10 + 20.34 = 108.44$ $85127/50, L = 58.74$ From $1/16$ Run N $31^{\circ}39'E$ @ 20.34 S^W Cor Lot 1 lies 33. FT R@ 0.0 = $1/16$ SECOR " 1 " East 38.77

@ 38.77 SECOR Lot 9 Lies West 38.77

@ 68.43 Cor To Lots 9-10 " $90^{\circ}L$ 33.00 FT

@ 88.10 Cor To Lots 1-2 " East 38.77

@ 108.44 Same Corner sets $90^{\circ}R$ 33. FT

Lots 68.43

on Left 50.00

118.43

168.43

218.43

268.43

318.43

368.43

108.44 Lots

558.74 on Right

167.18

225.92

284.66

343.40

402.14

460.88

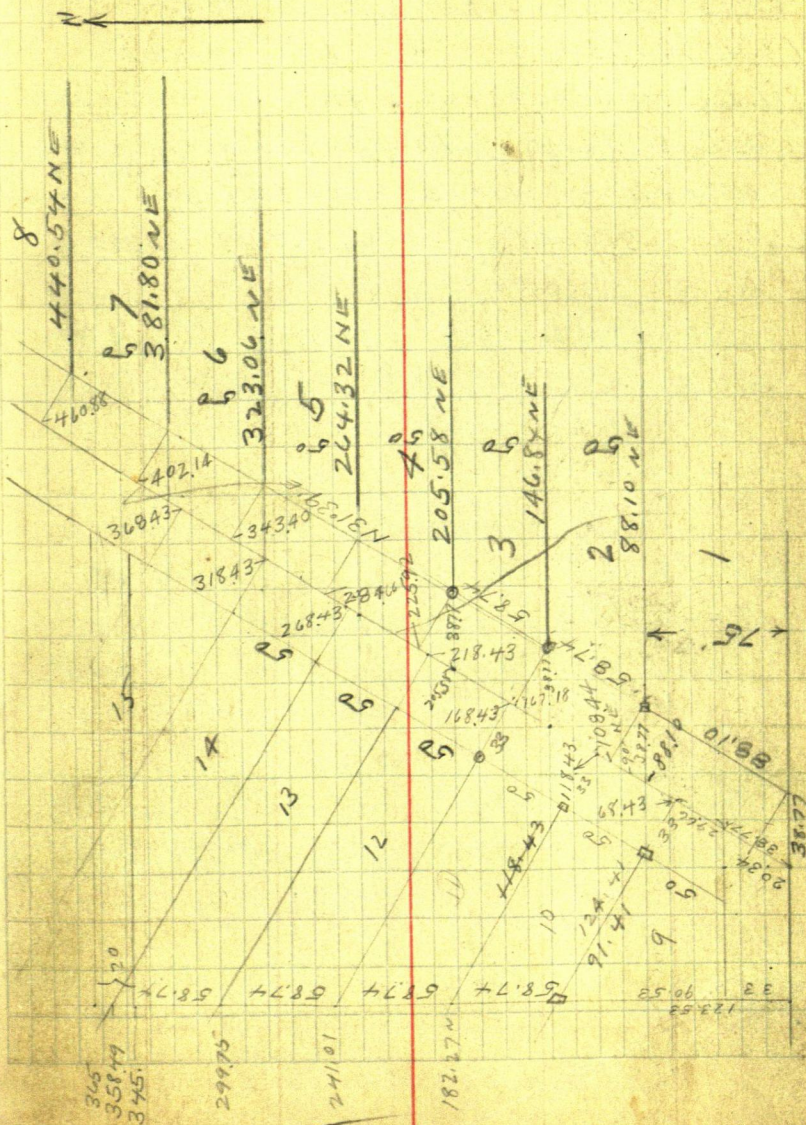
By @ $1/16$ Run N $31^{\circ}39'E$

Hubs VIZ:	0.0	- 20.34	- 38.77	- 68.43	- 88.10
	108.44	- 118.43	- 146.84	- 167.18	- 169.43
	205.58	- 218.43	- 225.92	- 268.43	- 284.66
	318.43	- 343.40	- 368.43	- 402.14	- 460.88
300 Hubs		498.10	AP.		

① $1/16$

39

118 x 7
1113
717



139

40

Hawkenston

July 13-1928 Friday

4:30 PM. Reed-Junior and I in Ford

L. Jenkins Creek Chain Form 116

 $N 31^{\circ} 39' E$ 68.43 Hat + 19.67 = 88.10 Hat $68.43 + 31.57 = 100$ Hat. $68.43 + 42.82 =$

111.25 old Hat ruled "111.3" From 100

Continue NE 18.43 Hat 118.43. $100 + 46.87$ $= 146.84$ Hat; $168.43 - 200 = 205.58$ ^{218.43} $- 264.32$

268.43; 318.43; 323.06; 368.43; 381.80

June 8-1930

Peet Hawkinson calls at my office in Jenkins and I promise him I will be out to finish his survey and will start by Saturday

June 11-1930 I meet Peet Hawkinson on the street at Jenkins with Mr

who has but a lot Peet says hurry & come and he will get my money as soon as he sells some lots. My contract is for \$350. Peet has paid me \$10. balance due me is \$340.00

June 14-1930 Saturday

Reid and I in "New" Ford go to Shady-
-rest- Peet brings us 25 white
slakes and a few bottles of near
beet. Home for dinner
P.M.

Gerald helps us in P.M. - Home at 6-
Drive to Pine River - watch horizon
How Crommet survey.

141

42

June 15-1930 Sunday

Figuring on Howkenson plat-

N31°39'E

Sine

cosin

Tang

38

316

143

①
Ideal Twp
Road.

About Sept 10th Bill King called and said they had allowed a road Beg@ Munson's Cor to continue the road North Bet Secs 29-30-137-28. I told Bill I would survey it and would charge the Twp only \$10. if he shot it on. he said nothing about it.

About Sept 14th Jack Lottmont Chairman called and I told him what I had told Bill.

Sept 16-1934 Sunday pm

Ivers Bobcock Jr (Now John Gromling) years old and I drove to cor

29-30-31-32-137-28 US Notes call for
Pine 6" N 18° E 91 LKS = 60.06 Feet
" 6" N 28° W 205 " = 135.30 "

We find the NE tree (Jack Pine) ^{Now 12"} standing green plainly marked from which I set the True Corner 2 1/4 x 30" pipe

BTS viz: Old os. BT. Now a 12" Jack Pine plainly scribed but partly grown over N 18° E 60.06 Feet to BT. mark at base (Note: I have watched this old tree for about 40 years) New Ties viz:

8" JP Post Fence Cor in curve N 37° 30' W 50.35 Feet JP 4 N 72° 10' E 20.20
JP 4 S 63° 20' W 56.05

29-30-31-32-137-28 continued

SP7S 38°50'W 59.95. Broken point in half
of old 8" cor Post of fence running N-S-E
bears N 66°40'E 20.60. 6" Oak Tel Pole
S 41°30'E 15.45 @ 7°05' Van Meridian E road
1/2 mil North. Corner falls 8 ft 20 of
old fence running East. 6 ft 20 of E
road running West - 4 ft N of 20 edge of
South ditch running West. 4 ft West of E
edge of E ditch running North. 6 ft E of
E road running North 2 1/4 x 30" pipe 1/2"
up

Note: See page 29-30 this book
10 years ago I set this cor hurriedly taking
the distance to the NE US BT as 54.6 when
it should have been 60.06 US Nails

However No surveys was made by me from
this corner which was only a wood stake
Temporary ill set and no damage done

Note: If 10 years ago I had set an iron
at this corner I would have been very careful
to be sure it was correct

Mr and son were present
on Sept 16-193x - Junior & I drove home
to Jenkins Bro from page 29-30

John W. Curtis

145

③ Ideal Trp Road

Oct 15-1934 Monday

9am. Reed and I drive to Jack Lamont
Resort Lamont wants road survey by Wed.
I drive to Chas Schmolke Resort. Over mile

Oct 16-1934 Tues

All day for Schmolke. Back to Senhins
for over mile

Oct 17-1934 Wed.

Reed and I go early Place red flag on
Fence Post at 1 mi. N Side Lake Buthe
 $\frac{1}{4}$ Cor bet 29-30-137-28

See Page 30 This book Reed and I get a
shovel from Paul (P.H.) Hartwig and
dig up Iron Harrow tooth as Hartwig
drives up. Place red flag at $\frac{1}{4}$ mi. from line
90 rods N bet My 1 mi + Red flag on N
side of Lake Buthe and $\frac{1}{4}$ Cor set olive
of 110 d spikes. Red tops

Drive home to dinner at Senhins

PM

Town Board helps Chain Buy @ $\frac{1}{4}$
North on true line Bet 29-30-

O.O. = $\frac{1}{4}$ @ 162.10 Spikes 300-600
862.5 Spikes Hub 1321 Bill Parkers
Fence run West Cor Post 2 $\frac{1}{4}$ E.

Oct 17-1934 Cont'd
North on track line bet 29-30-137-28

1429.2 Hub spike 1661.50 I m - 2x30

Pipe just driven by Reed and I met
E of Fence 1675 about mud & water

Looking N estimate dist viz:

about 1800. L w water out low land

@ about 1900 Reed set 3x36" Birch
Hub and tall Red flag on line. at about
1960.2 Which is os chain - end of water

So Shore Lake Births

Wit M.C. S. Side = 2x30" pipe 1661.50

J.P 8 S 33° 15' W 47.10 To spataktase

J.P 10 S 38° 35' E 63.80 Turned from line

1/4 Bet 29-30-137-28 Pg 30

2 1/4 x 30" pipe driven over 1/2 x 7" Harrow
Tooth See Pg 30. Ties viz

N 38° 55' E 65.20 To Cement Foundation
@ SW Cor F.D. Gould Store

N 39° 12' W 84.35 Ft to Stone Found in
P.H. Hartwick res @ SE Cor

NW Cor Cem Found Town Hall
S 50° 15' E 100.65

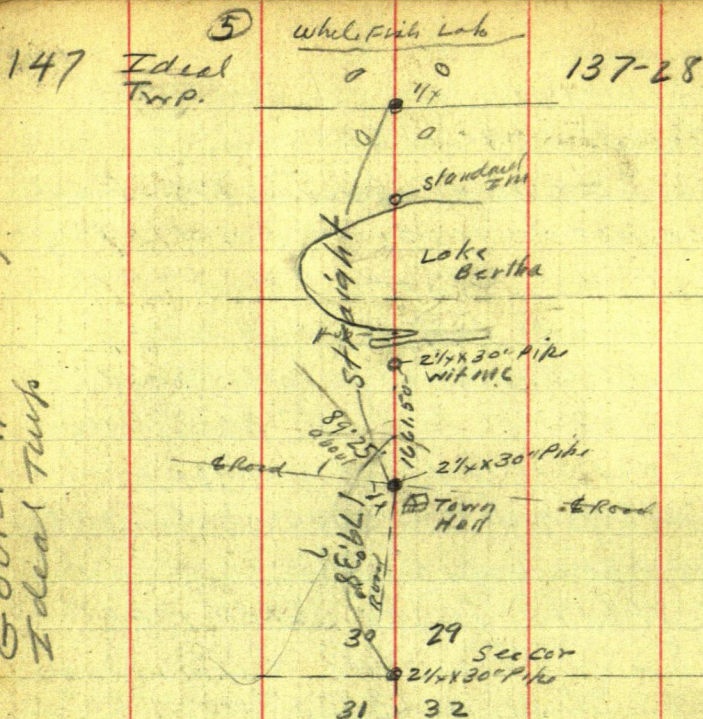
Dead J.P 13 N 48° E 34.00 small
spot

" J.P 14 S 38° 25' E 33.20 17° 20'

Turned from line line North

John W. Cress

Gould-Hartwig Road
Ideal Twp.



I make out my bill:
Oct 17-1934
Ideal Twp to John W Curo - Dr
Survey of Twp road Beg @ 1/4 Sec 29-30
T137R928 Thence N on Sec Line 1960.2
Feet more or less to Lake Bertha @ 10.00

They give me Twp warrant N° 57 @ 10.
Ed Hodge - Bill King - Jack Lomont help
chain, John ? Knable Ch.

Reed and I get home at dark. It is
with us.

Note: Bill King calls in evening
I am to make out Surveyors report - later

John W Curo

(1)

148

March 22-1938

Fred Gould - G.M. Sundal

Gerhard Sundale - Survey

137-28

19

20

Lake
Bertha

To Seneca

could
be road

30

29

can

ties pg 146

Book 215 This Book

31

32

149 March 22 - 38 ⁽²⁾

Gould - Sundal Survey
West 40 Rods Gov Lot 3 -
Sec 29-137-28

Deeded by Gould To Sundal
They call on me at Jukim
in the evening and I
agree to Survey W 40 Rods
Lot 3 - 29-137-28 for \$10.00
(59.56 Acres US - Survey)

March 23 - 1938

Ernest Gothrie - lab's dinner
with I Lo - Mauck + I leave
and I to Jukim 2-30 PM

US takes out	59.56	
	21.00	
Paul	38.56	acres as surveyed by Gould

3.P.M. Set Red flag at old 60' spike on
line line about 85 Rods N Heller
over 1/4 pipe Fours N on line line
turn 90° R and run

East 60 + 300 + 300 = 660' (40 Rods)
set R.R. spike but

March 23-38 cont'd

T @ 1/4 The road looking a mile

East appears to bear $S 89^{\circ} 42' E$

But $3/4$ of a mile E & grade is $S 89.25^{\circ} E$

Set flag $S 89^{\circ} 42' E$ 660 ft E

T over 660 spike in N ditch
of EW Road Focus Weston

1/4 Cor turn $90^{\circ} R$ and run

North parallel to Sec line

@ 30 Set $2\frac{1}{4} \times 20$ pipe + 300

= 330 R.R. spike 525.9 Ht

630 pin 930 pin $\frac{1}{2}^{\circ} + \frac{1}{2}^{\circ} = 932$

N. Ht in low spot

+ 216.4 = 1148.4

pencil pt for Ht + 165

= 1313.4 Ht 7.8 So of

EW fence + 111.0 = 1424.4

Ht 20 ft So of Waller EW

Set flag on point of
Surd Over arm about
400 ft

Nat'l: IM @ 30 N is

about on the $33^{\circ} R$ of W line

and reb 9.5 N and 5.7

W of S.W Cor of Gould's

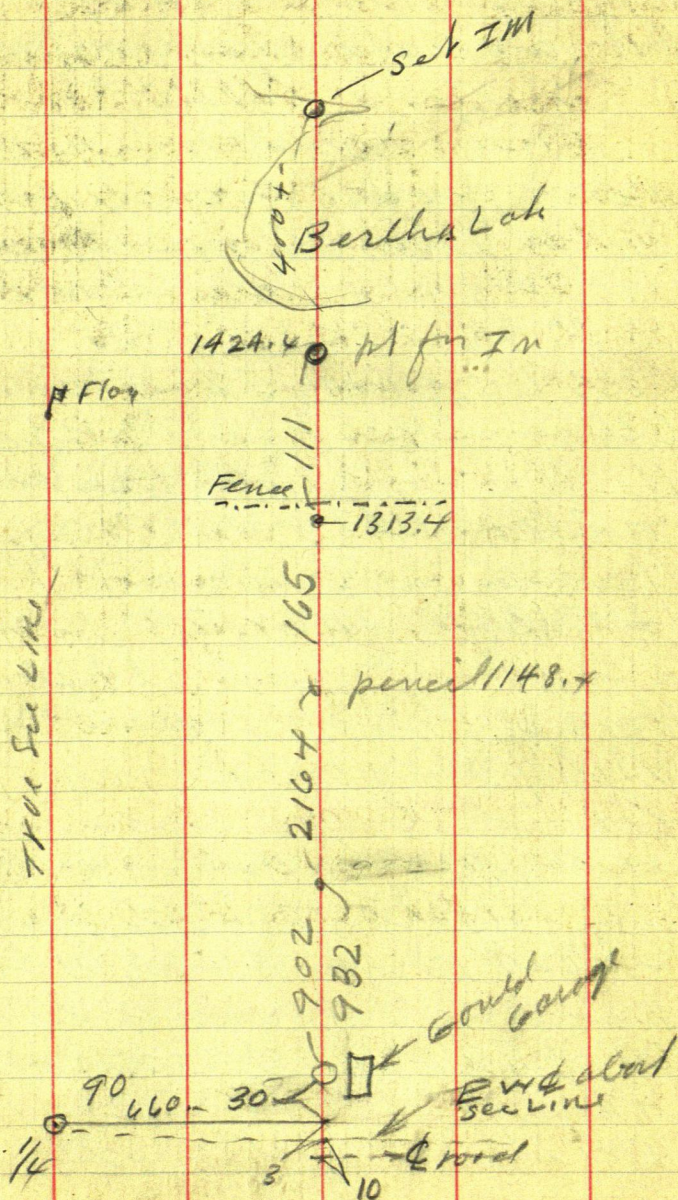
Garage; Home @ 7-20

Ernest's supper urns

JWC.

151

March 24-1938 Thurs



March 24-1938 contd

up early - I10 and I called on
Reed & Eunice last evening.

Fine day - All AM at home

EVENING I drive East and work
alone - Set $2\frac{1}{4} \times 20$ pipe on point
of sand as shown on plat Page 151

After dark I drive Sundahl 16
Goulds. My Total bill is \$10.

Sundahl gives me his check \$5

Gould will pay his fine later

About April 5th 1938 Fred
Gould comes in with \$10. I get
it changed at Lowson's - give
Gould fine and keep \$5 which
pays me in full.

Jahm W. Cunn

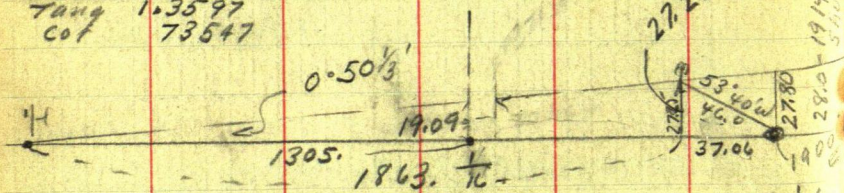
Neli.

Peterson and Kronberg own the land
Early Gould. Dr Anderson owns some
and Jordan owns E 500 ft?

153

10AM, Ernest Guthrie and I & Jenkin
drive to McDowell College. Find IM and
ties Pg 12 This book. Pickup - Gil
Maxwell and Mrs Classen & return

$\Delta 1^{\text{st}} \text{ sec}$ $N 53^{\circ} 40' W$ 45.70 46.0
 sine $80.558 \times 46.00 = 37.06 W$
 cos $59.248 \times 46.00 = 27.25 N$ to $\Delta 2^{\text{nd}} \text{ sec}$
 Tang 1.3597
 Cot 73.547



$$1863) 27.25 = 14627 \times 1863. = 27.25 - 0^{\circ}50\frac{1}{3}'$$

$$14627 \times 1305 = 1909$$

$$1371 \times 14627 = 20.05 = \text{NW Cor } 17^{\circ} \text{ Down}$$

$$1900 \times 14627 = 27.79$$

$$1305 \times 14627 = 19.09$$

$$1400 \times 14627 = 20.48$$

JUNE 20-1938

154

Continued to Book
237 p₁

4043 Beaver Ave
155 William A. and Mabel Sipes ^{Reg. Mainer} Iowa
owns Lot 7 of Black Pine Beach
think they bought the 100 ft strip West
of Boat St. of said plat.
Their description reads beg. at a point
on the lake shore 259 ft easterly & south-
easterly from the NW cor of Gov't Lot 1
Sec 23-137-28 thence south approx
342 ft \pm to the S line of said Lot 1
thence east 100 ft along the S line of
said lot 1; thence North line parallel
to the West line of said Lot 1 to the shore
of Whitefish Lake (Pig Lake) thence
Westerly 100 ft to pt of Beg.

John & I to Pig Lake the description
is not right we all drive to Brammer
check deed all off.

Back to Walker
also the West 100 ft of E 1061' of SE $\frac{1}{4}$ & NE $\frac{1}{4}$

Oct 19 1962 Gladys came in
last night from Iowa and goes
with John & I to Pig Lake.

Now I M. at SW cor of Black
Pine Beach site North on flag at IM
170 ft N of SW cor. turn L or West
90°35' and run westerly along

Oct 20, 1962 John takes description
and Bill to work to Sires \$170 156

The S. line of said Lot 1. a distance of 100 ft
Requod Lakes

4043 Beaver Ave
Des Moines Iowa

John & I find the I.M. at the
SW corner of Boat Street and
the I.M. 170 ft North on W side
of Boat St. also the I.M. at the
SW cor of Lot 7 and the I.M.
167 ft N on the line bet. Lot 7
and Boat St.

From SW cor of Boat St. run
or continue the S line of said
Lot 1 Sec. 23 - 137 - 28 west
100 ft drive I.M. at a pt 100
ft W of SW cor of Lot 7 we
drive an I.M. to mark a new
St. line

From a pt 100 ft W of the SW
cor of plat run N parallel to
the W line of Boat St. to the shore
of Pig lake we drive I.M. along
this line also an I.M. 33 ft E
at edge of sand beach to mark
New street line

130

1305

2610

5220