

265

265

Paul Hardy No 265
BOOK 265
and 273
and 455

Paul Hardy etc



Standard Engineer's Field Book

Description

	Size	Rulings
No. 1307	7 $\frac{1}{2}$ x 4 $\frac{1}{2}$	"Level"
No. 1308	"	"Field"

Specify by Number, the Book desired

Made in U. S. A.

This book contains a superior 50% rag content paper having a high degree moisture resisting surface. Waterproof ink is used and it is sewed with Bing Enamel Waterproof Thread. The binding material is also waterproof.

Made in U. S. A.

BOORUM & PEASE COMPANY
BROOKLYN, N. Y.

①

28

This Field Book N^o 265
belongs to John W. Curo
Walker Minn

If lost, finder please
notify the owner - to have
the book returned for
reward - please hurry:

John W Curo
Walker Minn
March 1st 1944

Paul Hardy

2

Index

Addresses Pg 34

U.S. Field Notes Pg 32

Time Sheet 21-61-121

Board 21-61-121

Meanders Pg 65

NS & Sec 6-137-28 Pg 25-26-54

Index

3

Lot 3 Sec. 6-137-28

Sec 31. NW $\frac{1}{4}$ + W $\frac{1}{2}$ SE $\frac{1}{4}$ 138-28

Sec 6. - SW NE

W $\frac{1}{2}$ SE

NE-SW

Not Lot 3

4

Mar 5-1944

Mar 6-1944

Mar 7-1944

Mar 8-1944

Mar 9-1944

Mar 10-1944 PM

Mar 11-1944 Sat

Mar 12-1944 Sun Harold & Zak Hornum in Paddock
Ho Walker

Mar 13-1944 ~~Th~~ - Harold & Zak Walker 810, Ch
to Gertrude Curo

Mar ^{Tue} 14-1944. Harold & I to Seckel Resort
with FA Fortin - Back to Jenkum - Meet
Jae & Martha at Farm. They just drove
back from Bud - Saw us in Piquet
March 15^{Tue}-1944 - Jae and Martha Lv
for Cal

Mar 16-1944

6

March 17-1944

Harold J. Curo and John W. Curo
work all day in the office at C. H.
Walker. Still living in Paddock
house at Walker

Telephon Paul Hardy that we
will be down to work to-morrow

Sat March 18th 1944. ^{Sat} 9 AM - rec telegram
from Ilo Curo - Babcock Nov & Mrs
Franklin - 10.55 PM Mar 17-1944

86 W College Cedar 4675 St Paul

I call Ilo who will meet me
at Brainerd tonight at Mary Lou
Beaulieu Parlor. Red Tel 567.

I also call Paul Hardy. 10
miles East of Pine River Minn

Harold and I L. Walker in
my '41 Ford De Lux 10 AM

1 qt of oil 25¢ at Pine River. At Paul
Hardy res on NW 10 acres of NE NE
Sec 6-137-28. 11.45 AM. Paul goes
with us in my car John W. Curo

March 18-1944 Cont'd

Paul tries to show us $\frac{1}{4}$ bet
5-6-137-28 in Queenflow

1-30 Harold and I eat dinner
with Mrs Paul Hardy 50⁰

P.M

Harold and I work alone

Flag at NW Cor Sec 6-137-28

Tap cor in E-W Co Road in pile
of snow. Note: we dig up new
nail set punch, set by Paul and I
10 days ago

Drive 0 mile East to small steel
punch set 10 days ago by Paul
Hardy and I at line NE Cor
Sec 6-137-28 Set $\frac{1}{2}$ " steel rod
3 $\frac{1}{2}$ ft long at line Corner

Drive half a mile E. Pick up
Walt Schultze who tries to
show us all I in $\frac{1}{4}$ Cor bet
Secs 5-6-137-28

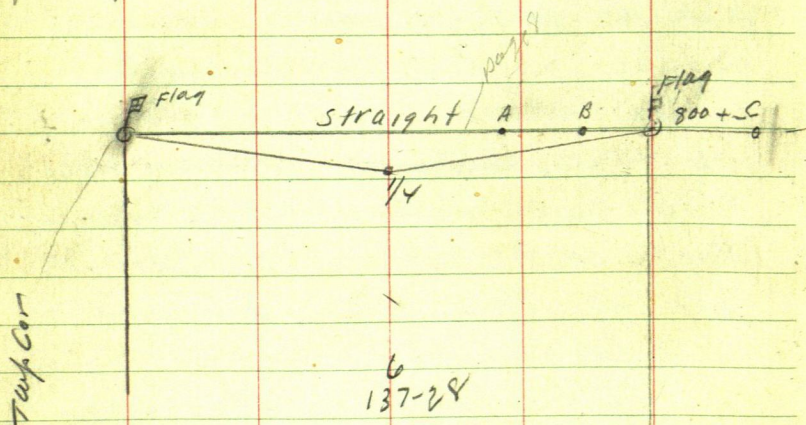
We find my old N-S. Cut out
line

Mch 18-1944 Continued Saturday
To fix a straight line bet NW
and NE Cor Sec 6-137-28

Twp Line

We work Buff and Berger T on
line on top of hill 500 ft W. of NE Cor 6.

Looking straight thro the
Mile. Set RR. Spike in E. N. half
of Co Road on top of hill about 500
ft W of NE Cor Sec 6-137-28



Sta A Set RR spike on N brink of coral
abt 75 ft W of Paul Hardy Road
on West slope of hill

Ties 16 A"

(A) RR spike on N brink E-W road Ties
Lath in sand bank North 22.05 ft
8" NP NW 103.7 to spat at base

Sta N^o B" RR spike on Hill Top abt 500' W
NE Cor Sec 6-137-28 in No hay Road
7" Tel Pl N 24.05 ft. Road sign past
S 80° E +- about 7154.3

Sta C" Extended East 800' +- and
300 ft +- West of church RR spike
N edge of rd-grade Ties

JPG N 20° +- W 25.00

" 9 N 75° E +- 58.45 to spat at base
= N Line Sec 6 extended

(10) March 18, 1944 Cont'd

Buff T over NE COR Sec 6-137-28
Fence west on about E of road ?
on lip of hill 500+- west

S $87^{\circ}32'W$ Run $50'10''E$ about
Harold Cuts line So to open
field - Paul's two kids help.

Quit 7-30 Drive to Brainerd
Room 12 at Iron Exchange Hotel
\$2.50 paid

Try to find I lo - Mary Lou
not home - Cant tell where in hell
I lo went.

March 19-1944 Sunday

(11)

Tel Mary Lou Tel 567 Rainier
No Ilo - Call Pine River Hotel
30° No Ilo there

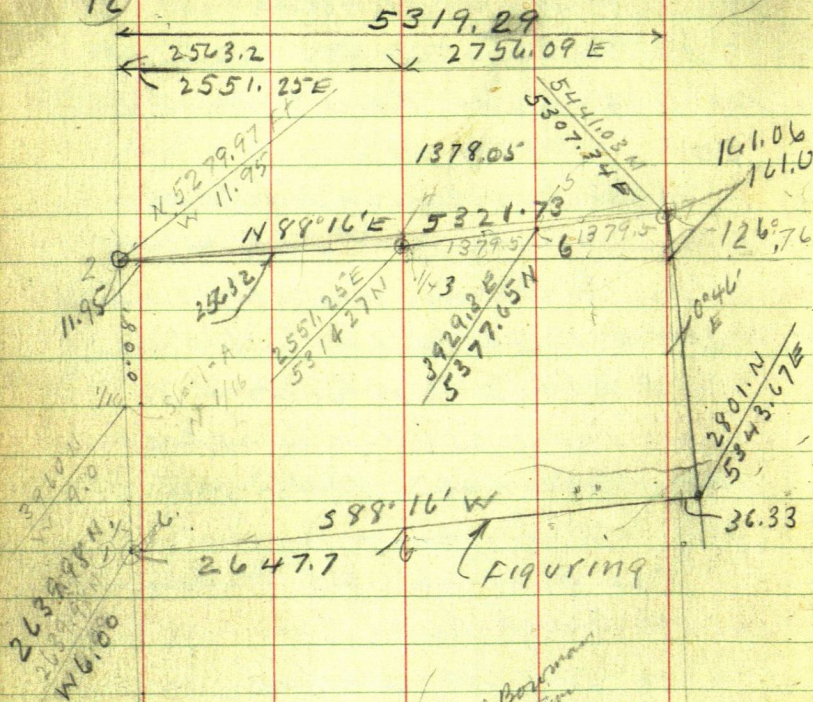
Mary Lou calls St Paul
Elmer Mc Bride Cedar 4075
Mary Mc Bride says Ilo took
5 PM Bus out of St Paul

10 AM Ilo shows up
was out with Betty - slept
at National Hotel says she
paid \$1.00 for good room

Ilo gives me \$5. Take
4 PM back to St Paul

Mary Lou goes with her
Harold & I figure

12



Lloyd Bowman
Furnace
Elev

1 6
00 7
12 7

2732.2 E

1035
P98212k 34

5.2
1/2 8

Close to Heath

7

S/A 0' = Svc Cor Sec 6-137-28

S/A 0.0

0.0 N 0° 08' W Figured

② N 0° 08' W 5279.97 Ft figured
= 5279.97 N - 11.95 W

Run

② N 89° 14' E 2563.2 = 0° 46'

Sine 0.13380 x 2563.2 = 34.30 N

cos 999910 x 2563.2 = 2563.20 E

5279.97 N	2563.20
+ 34.30	11.95
5314.27	5551.23

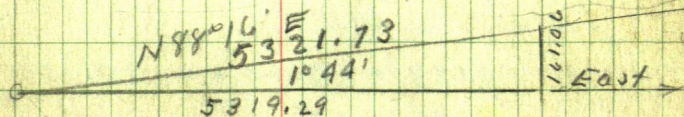
S/A 3 Run N 87° 22' E 2759.0 = 2° 38'

Sine 0.45944 x 2759.00 = 126.76

cos 99894 x x 275.9 = 275.09 =

2551.25
1378.05
3929.30

5314.27 N
63.98
5377.65
5441.03



5319.29) 161.06 ± .030278 = 1° 44'

1° 44' (cos 999542) 5319.29 =

Mon

FIGURING

14 March 19-1944 continued Sunday
Figuring at New Beacon Hotel Rm 12
E Side Sec 6-137-28

From NE Cor 6 - Rm $S 0^{\circ} 10' E + 0^{\circ} 30' C$
= $S 0^{\circ} 46' E$ 2640.4

Tang = $0^{\circ} 46' = 0.13382 \times 2640 = 36.33$

Page 13

2563.2
2732.2

215295.4
2647.7

13382
264

53528
80292

5441.03 N
2640

2801

5307.34 E
3633.6

27764

3632848

5343.67

2699.3
1349.7

5319.3
277

5347.0
2647.7

2699.3

Leave a call for 6 AM tomorrow
morning

1/4 E side sec 6

$S. 0^{\circ} 46' E$ 2640.4

SINE $0.13380 \times 2640.4 = 35.33 E$

COS $999910 \times 2640.4 = 2640.0 S$

Tang 0.13382 35.33 E

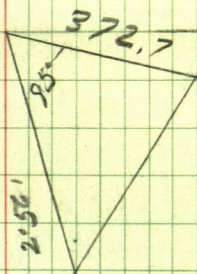
See Page 16. $1.03405 = 1'57''$

$$\begin{array}{r}
 5314.27 \overline{) 180950.0} \\
 \underline{1594271} \\
 2152290 \\
 \underline{2125708} \\
 2658200 \\
 \underline{2657133} \\
 1065
 \end{array}$$

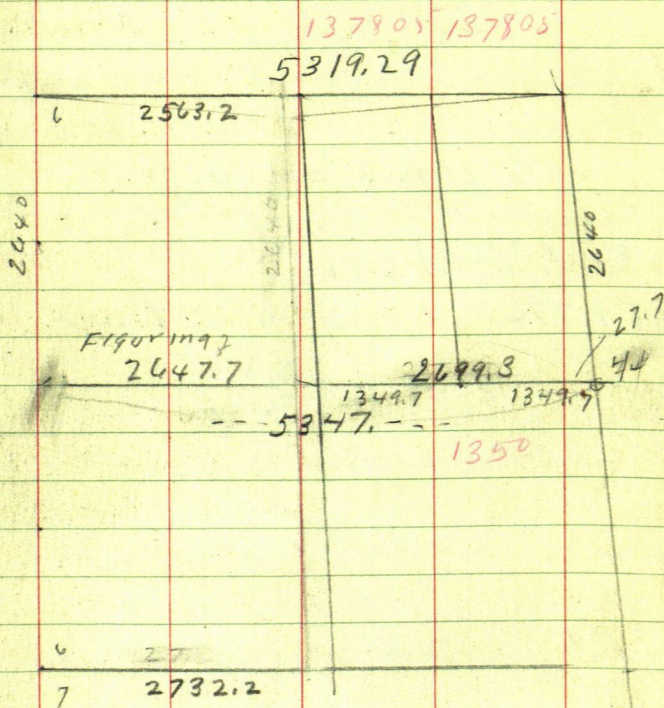
S 2098.8

See Old Bk 221

Pg 176



16



March 20-1944 Monday 17

Ref. @ 6-AM Pay hotel bill 2.50

H8 for Tel Calls = \$ 2.98

Gos at Jenkins 10 gal \$ 2.20 +

On Paul Hardy res 9 AM Hauld x I
drive E to over NECor Sec 6

FS N 88° 16' E Extended line

Turn R and run 0° 10' E

Hunt all Hubs

SE angle reads 91° 33' 50" 88° 27'

to pocket in field Note Angle may
be changed

We find My old Hub set in
the Dehar Webber Survey at

2098.8 ft So Book 221 Page 121

June 6-1931 Flag at Hub

2098.8 pack x W on d work from
line bet NECor Sec 6 and Hub

2098.85 to over 2098.8 New Ten

BS 140° 10' W

JP 8 N 7° W 30.20 JPC N 72° 46' E 6.20

Continue Random 50° 10' E

542.3 To 2641.10 So via Random

to over 2641.10 S Turn 90° R Ch E 27.73

Drive from road in 3' of ice Hit old 2' x 6' in

Continued Pg 19

137-28



12

2732. 2 E

18096
181.00

54567

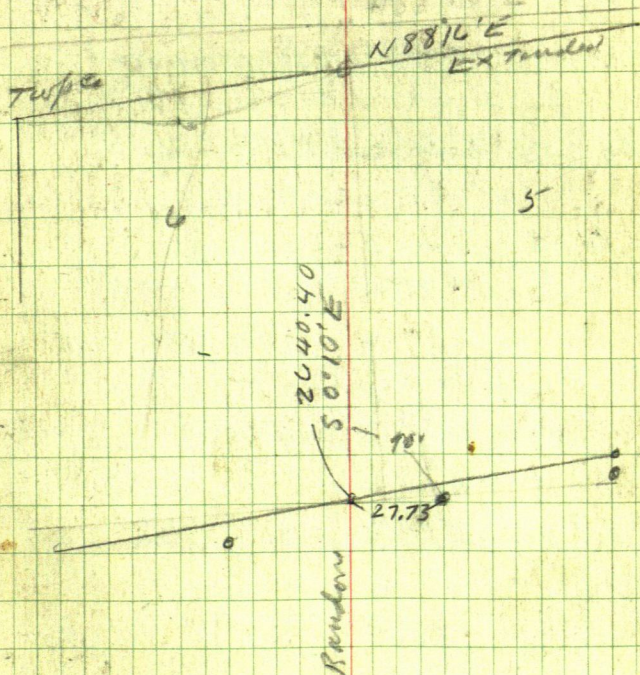
Mar 20-1944 continued 19

The old Chas Webber
Survey June 9-1931 Plt 221
Pg 126 Call this.

Hub now under my transit
to-day March 20-1944 T. 6

2640.4 ft from NE corner
Sec 6-137-28

So today we still call it 2640.4³



20

Mar 20-44 cont

T. over Random spike on ice 2640.48

BS N 0° 10' W old $\frac{1}{2}$ in bears 90° R

27.73 ft we run N 88° 16' E Parallel to
 N line 560.4 set pin from which we
 ch S. 0.75 and set RR spike on shore
 257.50 ft E of Lake Ties to RR spike
 560.4 Ely 7" W Oak N 40° 4' E 8.7 ft
 Pine 14 N about 50° E 47.35. about
 25 ft from shore

T. still on random Hat 2640.48 S Bm

S 88° 16' W 300 + 267.35 = 567.35 set

pin on W shore about 75 ft from ice
 ch A 0.75 and set RR spike

61. ft West of old old 8" stump on shore

Ties to RR spike 567.35

NP 9' S about 70° W 18.8

JP 9' S " 30 E 6.85

NOTE: I
 THINK these
 ties were
 at this RR spur

NOTE: The above ties I found
 on a loose leaf in my book and
 I THINK they were for Hat
 567.35 W I will see later

John W. Cunn

March 1944 Board With Mrs Paul Hardy

1895

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
			D	O	P	b	D				O	D	-	-	D	\$5	
15°			P	O	D	S	D				O	D	-	-	S	\$6	

John W. Curo

Harold Curo

Time Worked

Jack Guo

Car

Expend

Harold Curo

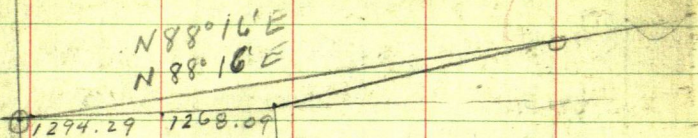
Paul Hardy

Continued to Page 61.

21

22

137-28

Twp
Cor

4.7
1/4
N 0° 08' 16" E
1280.00

N 89° 15' E

6

5.7
1/4
assumed
N 0° 15' 16" E

N 89° 15' E

7

Scrap Notes

March 21-1944. all AM at Pine River
Hotel Room 22-31. pd L 12-30

Dinner with Paul Hardy P.M.

Harald and Paul have Cut line
West on $\frac{1}{4}$ Sec 6-137-28 S 88°16'W

P.M. Harald and I Chaw from
 $\frac{1}{4}$ Cor bet 5-6-137-28

S 88°16'W on true line

567.35 Hub about 100' W of ice + 221.35

221.55 = 788.9 = 60' spike + 190.30

788.90 = 979.2 Hub

$\frac{190.30}{979.20}$

788.90 + 300 = 1088.90 pins

= 1088.90 + 137.3 = 1226.20

Hub 60' spike Ties to 1226.2

NP10 N 11°15'E 13.10 Ft to spat at base

NP8 N 69°W 17.90 Turned from

True & called E x W 1226.90

= 8.3 = 1234.5 Nail 12' in N half
of newly sawed NP 8 stump 12"

0.38 N of heart of slump

At 2.20 P.M. Harald & I pick &
start to Car. Pickup Paul Hardy

Dinner with to Trip Car

24 Mar 21-1944 pm could

TOVER NW COR 6-137-28

Focus E N 88° 16' E on 2 flags
set $3\frac{1}{4}$ mil E on big hill N 88° 16' E
Turn R. To N 89° 14' E ch

Early on & road = line Twp Line
3-6-9- + 223.9 = 1123.90 Wire spike
from which another spike set N 19° 11' ?

1200 E pm Harold & Buff &
Paul Hardy and Jack Cune continue
on line Twp line N 89° 14' E

1294.29 RR spike for line
W $\frac{1}{16}$ Cor Sec 6-137-28

Tier

Near Bill King's

15-18-24-24 + 163.2 = 2563.2

Set RR spike True $\frac{1}{4}$ Cor N side
Sec 6-137-28 About 4 PM

Harold like Paul Hardy from

Harold and I work along hill 7-30^{PM}

Flag at $\frac{1}{4}$ Cor on N side of 6

" " NE Cor Sec 6

work on line on big hill about
500 W of NE Cor Sec 6 - set set
Flag

Nov 21-44

25-

X over $1/4$ Cor BS, S $89^{\circ}14'W$ on
Twp Cor. Transit Telescope
Flag on big hill bears $1^{\circ}52' L$
Course from $1/4$ on or S side
T. NE Cor Sec 6 would be
 $N 87^{\circ}22' E$ Thes T- $1/4$ Cor

From $1/4$ BS S $89^{\circ}14'W$ and
run $S 1^{\circ}57' E$ I claim $1/3$ mile
so and set 60 d spike on line
N-S- & Sec 6-

Nat-1 on account of
throwing ground and cold
wind & bright sun
Herald is NOT SURE th
X didn't move

Ties to Hat on Town line
500 ft W of NE Cor 6-

Tel pr IV

Road Sign post S about $80^{\circ} E$

I eat supper with Hardy & Jim
John. Run for sleep P.O. Burns

Nat I lost my glasses

26

March 22-1948 new snow

Harold still staying with Hardy

I L & Pm's Run 12-30 pm

Harold and Paul Cut line

So on & see 6

I pick them up Eat
dinner with Hardy

pm

Drive back and continue

So on & see 6 - 137-29

Hit out about 8 ft W of old
fence N-S near 1/2 x set
6-7-137-29

We drive N & E & S - walk

work on our line E & W & see 6

Some cut has pulled up

our red flag spikes and

reset them then set

7 over 1226.2 P 923 with

S 88 16' W from rail in slump

1234.5 W 116 to 1350.5 set

60 d spike in deep draw

from which we run so about

on N-S - E 1/16 line spot line

then post E-st about 8 ft
and spot small pines
and tall pulp Cactus to
slay E of our second line
Walk E to Cor

Drop Hardy off at his home
Harold & I drive W to No 7,
SW Cor Sec 6-137-28

where were establish
th Corner from some of my
old notes viz - NW cor 7
Ties to Garsons First Cor
Book 34 - Page 65

My old notes same page 65 Blk 34
Effie Palmer survey Apr 9-
1921 - call for

SP9N 12° 15' W 153 Lks = 100.98'
SP6S 54° 30' W 69 Lks = 45.55'

Hut on random 13 ft. Not Cor
old 5x5 pine stake set by
Whitley set S 69° W 42.4 ft
Today Mar 22-1944 Harold & I
find all the BTS - The NW line
has been cut but our find the
slump and

Sec 13h 221 sec cor
p 7 1/8 sec cor

by flat Chain from face of
old B.T.S. and E. of old post
we re-establish the Cor. to

See 6-7-137-28 where

Gravel Trucks have dug
out the Cor. I set in the

Palmer Survey

We set hill flag at line Cor
and drive $\frac{1}{2}$ mile E. Look
for old $\frac{1}{4}$ Cor = Fine post
with trees viz Called for in
Book 34-Pg 67

We find short rotted stumps

JP6 N. about 20° E $35'$

JP8 S " 50° E 18.076

New fence posts have been
set and my old $\frac{1}{4}$ Cor post
is gone - We may find the hole
& base of the old fence post

when the ground thaws

Get stuck in snow

drive 80 rods W + N + E

Supper with Paul Hardy

Drive to Beaumont Room 127

National Hotel \$1.50 per

March 23-1944

Call at Et Ho - Earl Jenkins
will get me 10 prints of
Hazelwood Park 5 white -
5 Blue

Dine at Reatts

PM

L. Brainerd - Drive to Walker
all PM in Et Ho

Sleep at Home in Padlock
Ho

30

old nalis palmer Bk 34

March 23-1944 cont.

See Old Survey

 $\frac{1}{4}$ bet 6-7-137-28

Old Book 34 - Page 85

Apr 19 1927 Palmer Survey

It seems lit at that time

I decided to set it

 $\frac{1}{4}$ bet 6-7-137-29 at a pt

2690 ft E & S.W. cor of sec 7-

being 42 ft west of fence post

Bk 34 Pg 85

 $\frac{1}{4}$ on West side Sec 7-137-28

Old Book 34 - Pg 87

Center of Sec 7-137-28

Old Book 34 - Pg 87

West side Center

Bearing $\frac{1}{4}$ on W side 7-137-28N 89 45' E 1345 set $\frac{1}{4}$ sec

@ 2690 ft True Center

Thence North 260 ft

See Bk 34 - Pg 9 Old Nalis

@ 2700 E with 10 ft W side

2690 E Set 2x36" iron pipe

for True Center of Sec 7-137-28

Old Bk 34 Pg 86 says N 89 45' E 1345

Old Nolin Palmer Survey

BSS 89°15'W and BTS from True
North JP 12 N 46°50'E 58.7

JP 8 N 47°10'W 64.4

Run North 260 set 2x26" pipe
Iron Monument in west
wheel track of roadTrue NW Cor of Tract in
Gov Lot 5 - Sec 7-137-28Owned by Mrs Effie Palmer
Bal of Lot 5 is overflow

Tract T. 260.25

JP 15 N 48°32'E 56.25

" 14 S 50°05'E 76.85

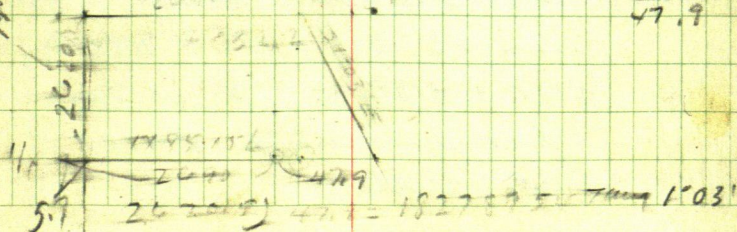
Old Book 34 Pg 90

Continue of Sec 7 - E to Lake

Pg 90 Book 34 N 87°15'E

at 827.9 set picket off from
brink Bk 34 Pg 90

Old Nolin

$$\begin{array}{r}
 42.2 \\
 5.7 \\
 \hline
 47.9
 \end{array}$$


US Field Notes Transcripts

137-28

- seen East True Line Bet
 6-7 V 10° E 40.00 Mark Pine 7" diam³⁷
 1/4 For 1/4 Cor
 Pine 4 N 10 E 8 (= 5.28 Ft)
 " 4 S 30 W 24 (= 15.84')
 54.00 (3564.00) Marsh SW-NE
 73.00 (4818.00) Lv Marsh SE-NW
 MC. 7834 (5170.44 Feet)
 Set 17. Post on upper side
 of White Fish Lake
 Aspen 6 N 74 W 19 (= 12.54 Feet)
 Aspen 13 S 70 W 25 (= 16.50 Feet)
- 5-6. So on True Line Bet 5-6. V 9° 45 E
 33.00 (= 2178.00) Tam and Spruce
 Swamp E-W
 40.00 = 2640.00) Mark Tam 4" diam
 for 1/4 Cor from which -
 Spruce 5" East 8 = 5.28 Ft
 Spruce 6 S 63° W 15 LK (2.90 ft)
 4800 = 3168.00 Ft) Lv Tam and
 Spruce Swamp Enter
 Elder bottom

5-6 Continue S'o bet 5-6-

6450 (= 4257.00 Ft) Lv Alder

Swamp bottom NE SW

ML 7120 (= 4699.20 Ft) Set W Port

on N. Side of White Fish Lake

Pine 10 N 3° E 125 Lks (= 82.50 Ft)

Br Oak 12 N 62° W 49 (= 32.34 Ft)

7-14 East True Line bet 7-18 & 10° E

3 Chs (= 198. Ft) Lv Bottom SE x NW

ML 1466 (= 967.56 Ft) Set W Port on

Upper Side of White Fish Lake

Yellow Pine 13 N 37° W 48 (= 31.68 Ft)

" " 145.60° W 56 Lks (= 36.96

52.80

47
580

34

Address

The B.F. Nelson M.F.G. Co 401 Main
St NE Mpls Minn Mar 24 - 1944

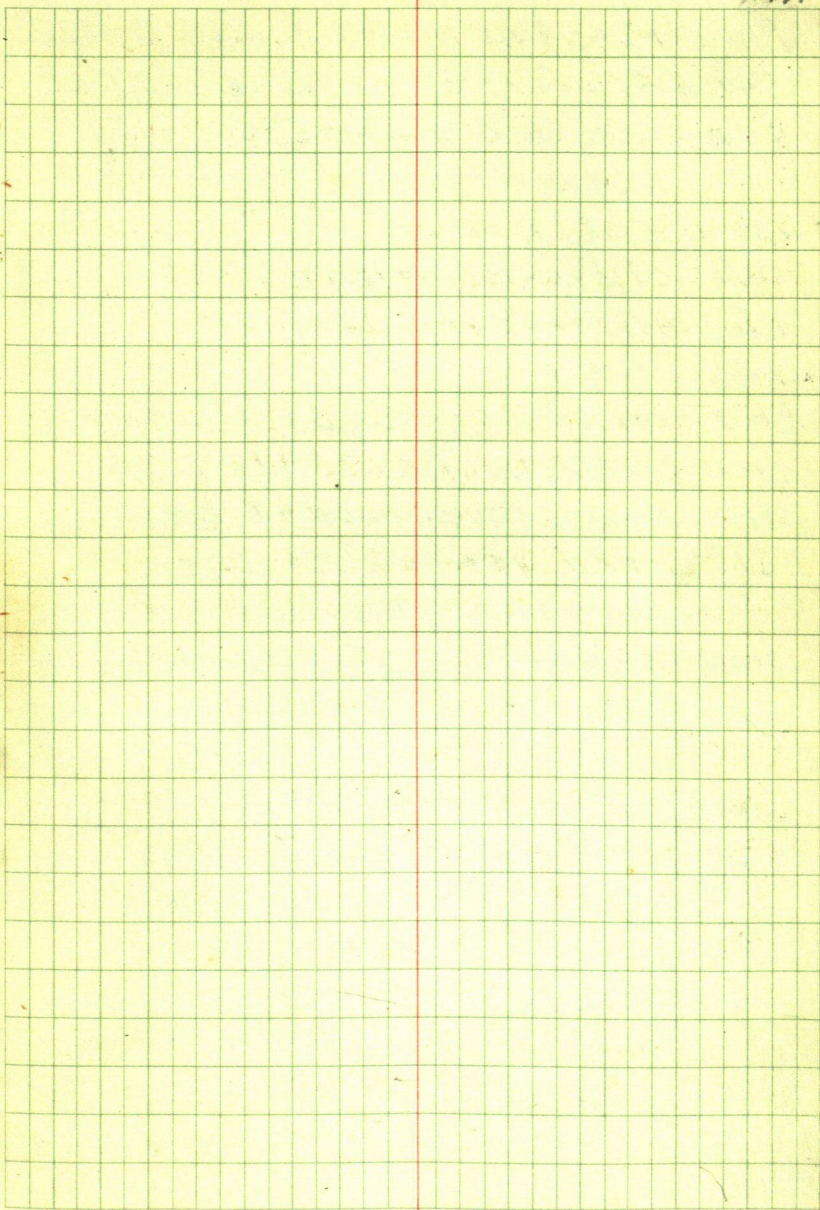
H.B. Hyams Atlas Mfg Co St Paul
Eustis at Robbin Nestor 7456
March 24 - 1944

F.A. Forster Forster Distributing
Co 1122 Harmon Place Mpls
At Bergland Resort
Old Fred Seckel Resort
With L.W. Howard Mar 14 - 1944
Harol and Jack Cunn

Paul Hardy Star Rt 6 miles
E of Pine River 4F515 Pine Riv
April 1 - 1944

Ole Rovek % Elizabeth
McLean 637 Pleasant Av 781
Bremerton Wash At Pine River
Minn April 13 - 1944

34A



34B.

Figuring

March 24-1944 Friday at Walker Figure

 $\frac{1}{4}$ W Sec. Sec 7-137-28 Then E 5.7 T.O.O.5.7 E of $\frac{1}{4}$ is S to O. Run N 85° 15' E1334.3 To $\frac{1}{16}$ in W Half of Sec 7-137-28 Sta 1.

N 89° 45' E 1334.3 = 0.45'

Sine 013090 x 1334.3 = 17.47 N

Cos 9999.14 x 1334.3 = 1334.19 E =

Sta 1. = $\frac{1}{16}$ Sta O Run N 89° 15' E 2684.3 To $\frac{1}{4}$ cen 7 $\frac{1}{2}$

Sine 013090 x 2684.3 = 35.14 N

Cos 9999.14 x 2684.3 = 2684.07 E

Sta 2 is 35.14 N & 2684.07 E

Sta 2 Run N 89° 15' E 1320

on 2cs

Sine 013090 x 1320 = 17.28 + 35.14 = 52.42 N

Cos 9999.14 1320 = 1319.89 + 2684.07 = 4003.96 E

Sta 4 is N 2620.5 $\frac{1}{4}$ E 0.0

36

Mar 24-44 Could find it 9 PM

5441.02 N

5307.10 E

5307.10 E

3535 E

5342.45

5441.02 N

2640.20 S

2800.82

137-28
2800.82
5342.45 E

50°46'E 2640.4

50°46'E 2640.4

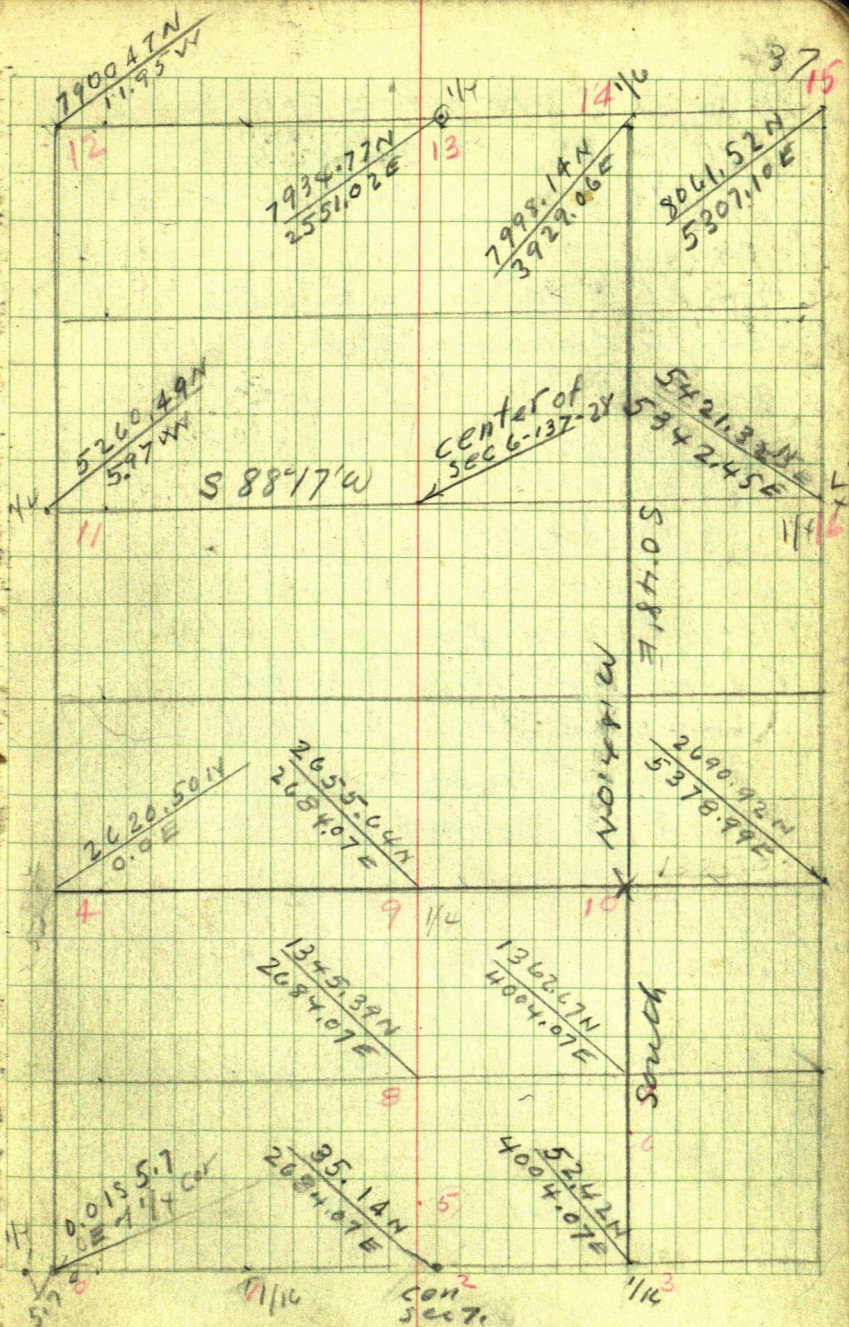
Sin 2013380 X 2640.4 = 35.356

35.35

cos 999910 X 2640.4 = 2640.28

5325.22) 75.01 = (14085803
Tan 0°48'1"

5342.45 N = 1/4 on E side C



38

N 80 61.52 N = NE cor Sec 6

N 26 90 20 N = SE cor 6

53 71.32

54 21.32 N = $\frac{1}{4}$ E Sec 6

26 90.20 N = SE cor 6

27 31.12

26 40.20

27 31 12

53 71.32

Herald and I work at Cotts
Walker till 12 midnight

Car won't start - walk to

Bennett Garage 1942 or 23rd St.
sleep at Paddock H.

4 For $\frac{1}{4}$ Bet 6-7-137-28
See Book 34 Pg 66, Pg 82

1305

39

March 25-1944 Sat

Car stills - work it to Bennett garage Harold getting hair cut I work at City 10-05 AM.

Figure Pg 88 Harold's Random S. 1' 57" E. about.

SINX 034037X

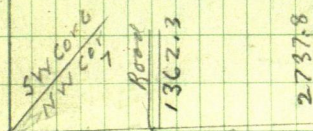
Cor 9994 21X

Tan 9034047X 5279.13 = 179.74

Pg 37 HRS Book

See Book 34 Pg 66

2551.02
179.74
2730.76



2737.8
2732.2 Pg 82

N 89° 15' E
2730.76
2684.07
46.69

2551.02

2551.02
179.74

2730.76

FIGURING
only Mar 25
1944

5279.13

1' 57"

2551.02

2730.76 E Harold's Random

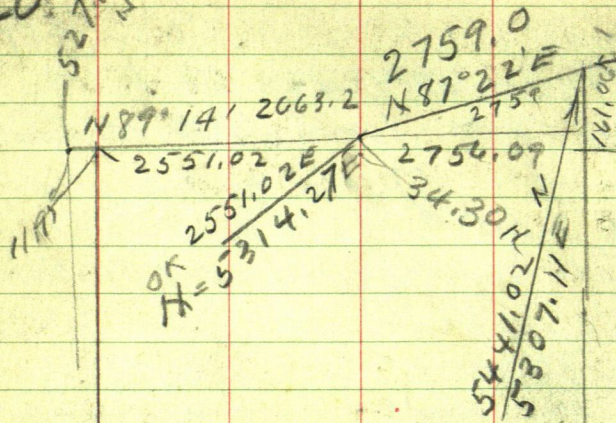
BK 34, Pg 66 82

179.74

rays 2732.2 E old fence

40

March 25-1947



5441.02 N
2640.20
 2800.82 N
2620.50
 5421.32

5342.52
 5342 45
 .07

5307.11 E
3541 E
 5342.52

OK close of
 1/4 on E side
 of Sec 6-137-28

March 25-1947
 9.45 PM Figuring
 at tide
 John W. Cow

$$N 89^{\circ} 14' E \ 2563.2 = 0^{\circ} 46' \quad 41$$

$$\sin 013380 \times 2563.2 = 34.30 N$$

$$\cos 99991 \ 2563.2 \ 2562.97 - 11.95$$

$$\tan 013382$$

$$2551.02$$

$$Bh \ 34 \ 17 \ 79$$

$$= 2^{\circ} 38'$$

$$N 87^{\circ} 22' E \ 2759$$

$$\sin 045944 \times 2759 = 126.76 N$$

$$\cos 998944 \times 2759 = 2756.09 E$$

$$5279.97$$

$$161.06$$

$$5441.03$$

$$2620.50$$

$$8061.53$$

$$126.76$$

$$3 \times 30$$

$$161.06$$

$$0^{\circ} 10'$$

$$\tan 002909$$

$$\times 2640.2 = 76803$$

$$768$$

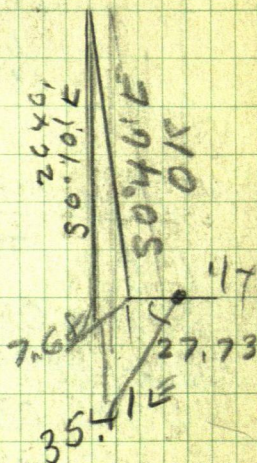
$$7.68$$

$$27.73$$

$$35.41 E$$

$$2640.2) 3541 =$$

$$134118620 K 0^{\circ} 46'$$



42

2551.02 E

7934.77 N
2551.02 E

2551.02
179.77
2730.79

2551.02 E
179.77 E
2730.79
1.51
2729.20 OK

51° 57' E
5280 +

6
137-28

seen

8915' E

179.77

2737.0

1° 57'

OK

2730.79

90° 57' 1.57
To 2729.2

SIN 2 034027

Cor 999421 ÷ 5280 = 5283.06

Tang 034047 × 5280 = 179.77

137-28

43

11.91

2551.02

7934.77N
2551.02E

2620.56N

35.73

2656.23

7934.77N

2656.23

5278.54

5278.54) 14179.185

= 3375554

= 1°56'

5278.54

51°56'25.15

00 2551.02 178.18 1.59

2620.56N 2729.20

2728.97E

N 89°15'E 2729.20

SIN 2013090X 2729.2 = 35.75

Cos 99991X 2729.2 = 2728.97E

Tan 4013091X

OK

44

$0^{\circ} 45'$

Sine 013090

Cr 999914

Tang

$0^{\circ} 46'$

Sine 013380

Cr 999910

$$2620.5) 44.90 = 17134134 \\ = 0^{\circ} 59' \text{ NO } 59' \text{ E}$$

$0^{\circ} 59'$

Sine 017162

Cr 999853

Tang 017164 $\times 2620.5 =$

$$2620.5) 49.90 = 19042167 =$$

$1^{\circ} 05'$

°

CROOK in TWP
line here

~~E 54 41.02 N~~
~~307.11~~

N 88° 16' E

7934.77 N
2551.02 E

1998.14 N
3929.06 E

1378.05 E

5421.32 N
5342.45 E

N 88° 16' E

2656.28 N
2729.97 E

S 1° 56' E

2690.192 N
5378.98 E

N 89° 15' E

2650.01
2650.23

5046.05
sec cor
sec c.

114

1325.0

1325.0

N 0° 59' E

2620.50

N 1° 05' E

2613.58 N
4053.97 E

35.14 N
2684.07 E

44.9°

52.71 N
4004 E

N 89° 15' E

1320

Center

Sec 7-137-28

46

March 25-1944 Sat
Harald and I work all day and
all night figuring lines in
Hammer and Palmer tracks
and bal of Decs 6-7-137-28

March 26-1944 Sunday
Daylight finds Harald and I
still at Et Ho Walker.

Go to sleep at home in Pal
-dock Ho

Wake up 1-30 PM and stay
home all day Sunday

Harald will go back to Goodman
\$10. Check to Harald making
in all \$40. to Harald \$10. Cash
\$10 ch to Gertrude. \$10 ch to day
Total \$70. pal to Harald

Ledger - \$15 to Harold

March 27-1944 Harold & I L.V.
Walker 9 AM stop at Pine River
Call Mrs Paul - Drive out and
then so to Huss res

Harold Cashes my ck at Pine River
Bk - Mr Hardy res 11 AM. drive to

Extend Random SO' 10' E

So bet Secs 5-6-137-28 to pt

2773 ft W of Iron $\frac{1}{4}$ Cor bet

Sec 5-6-2640.20 So. 1 PM

Dinner with Mrs Paul Hardy

Harold and I working alone

Note: At noon meet two men
who bought @ Chas Webber's

Killworry Camp being

Gov Lot 4 - and NW $\frac{1}{4}$ Sec 5
and E $\frac{1}{2}$ NE $\frac{1}{4}$ Sec 6-137-28

Except the 10 Acres Paul Hardy
lives on and owns in the NW Cor
of the NE $\frac{1}{4}$ of NE Sec 6.

I told these men that I had
agreed to survey the Hyams tracts
@ 150. or \$250. for Hymer tracts
and Killworry Tracts. over

they said O.K. that they would pay
\$125 and Mr Hymer pay \$125. so
thats that. The Killworry Tract
has only a short piece of lakeshore
80 rods +- and I will run that
and give them a plat for the \$125.
total.

However, The Hymer lands
have two miles +- shore line and
I wrote Mr Hymer that for \$100.
extra I would run his various
shore lines and give him a
Certified plat of the exact
acreage of swamp and up-
lands. I think he will accept
my offer as he will have to have
my plat to get a re-bate on his
taxes.

Huss owns a mile stretch
being the East Half of East half
Sec 6-137-28 I told Mr Huss
that I would survey this
mile & plat same @ \$100

Huss says he is just now
selling his land. I will see
the new owner.

March 27-1944 Continued
PM

Harald and I work alone

Buff π 300' new Chicago Steel
Life π over pt 27.73 ft west
of Iron $\frac{1}{4}$ Cor bet Sec 5-6 - Run

South - Continue random
Slight from new cor Sec 5

@ 2040.21 to $\frac{1}{4}$ Cor lies E

27.05 ft ch to 0-10' E on ice

3-6-9-12 + 165.32 to 1365.32

+ 2040.2 = 4005.52. Hub on ice

from which we ch East 41.89 ft

set 1x20" stake in pile of snow

for true S. $\frac{1}{16}$ Cor bet Secs 5-6

π over corrected Hub 4005.52

BS on $\frac{1}{4}$ Cor and continue

South 0° 46' E on line Sec

Line 1365.32 to 5370.84

where we set 2x20" wood stake

in pile of snow on the ice

True Cor 5-6-7-8 137-28

Temp on ice

50

March 27-1944 Continued

π over Co 5-6-7-8 - 137-28

Focus N $0^{\circ}46'$ W on line line

Turn NW angle $89^{\circ}58'$ and run

S $89^{\circ}15'$ W on true line bet

pers 6-7-137-28

$89^{\circ}58'$ should be

We check this angle Focus

N $0^{\circ}46'$ W Run S $89^{\circ}15'$ W OK

West on line line @ 300 pin
foot of Cut bank 8 ft Hi which
extends to 40 ft N. r. cut bank

$300 + 12.7 = 312.7$ Hat RR spike
on line line on 8 ft Cut bank
which runs higher 600 ft North

π over Hat 312.7 W

Focus N $89^{\circ}15'$ E 1/2 flag on ice
New Ties

White Oak 5" North 2.10 ft

10" JP S $88^{\circ}10'$ W 58.70 1/2 spot at
base, @ $300 + 71.7 = 371.70$ set

Hat 60 d spike on line line 0.80
70 foot N of spot on north side
of same 10" Jack pin

@ 480 W low shore N W S E @ 600

Hat on ice = short stick in snow pit

Harold walks 80 rods west
and sets Haboris on line line
being iron frost bar Then bring
car around N end of Island
on ice - picks me up and drives
west & over frost bar Hat.

we continue from 600 - 1200 + 125
West set Hat in pile of snow
near True E' 1/4 Cor bet Secs
6-7-137-28 Continue west

1500-1800 + 136.7 = 1936.7 set
Hat on line sec line bet Secs
6-7- set 60 d spike 1. ft N of
old 12" stump - 20 ft west of
low shore west side of bay
Hidden Point - no lies

Quit at dark 7-PM Drive
back to Hardy Res for supper

Nat we came out via Kellwary
Camp but had a bad time
getting back & slippery ice at
Kellwary Camp

Nat: As we do not know what Mr
Hyams owns - will go to search co
records at Brainard John W Curo

52

March 27-1944 continued

As there are no rooms at Pmie
River I call Mr Hardy and say I
am going on to Beaumont
stay at National Hotel Room

134. 8150 vol.

$$\begin{array}{r} 611.7 \\ 1325 \\ \hline 1936.7 \end{array}$$

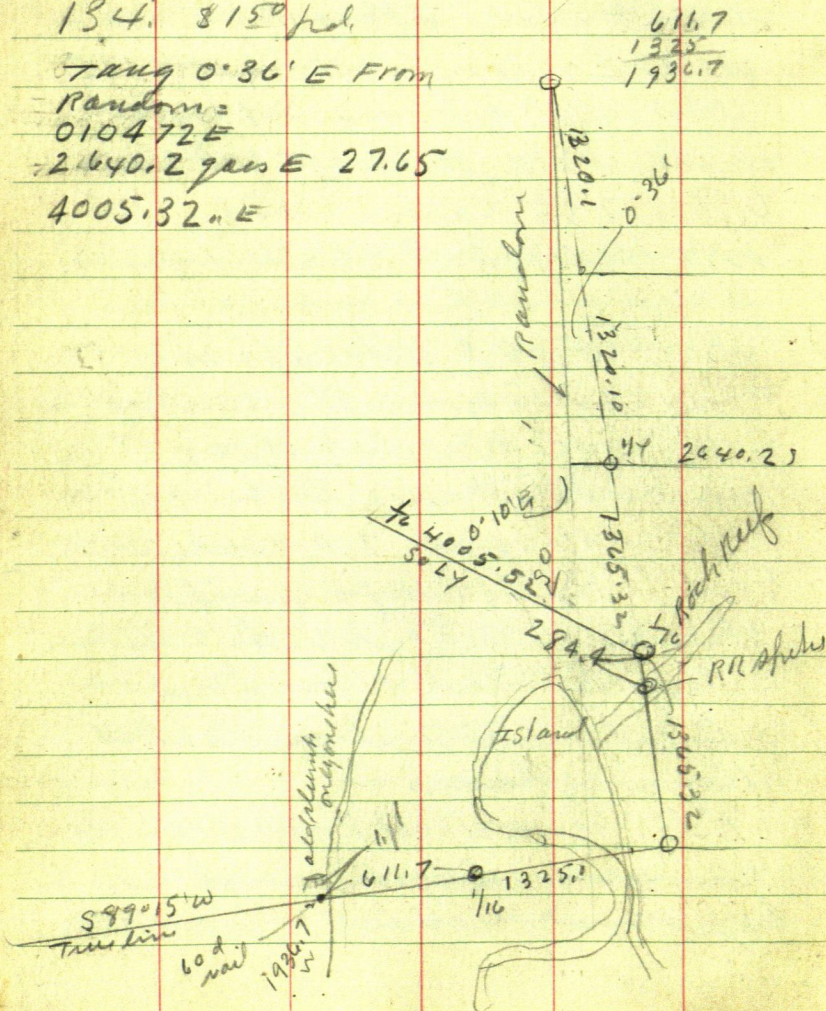
Tang $0.36' E$ From

Random =

010472E

-2640.2 gms E 27.65

4005.32. E



March 28-1944

Harald takes 10am Bus to St Paul
on his way home to Goodman Wis.

I search Co Records at St Ho

It seems that Mr Hyams owns
the mile long string of fractional
Forties Except the North Half of
Gov Lot 3 Sec 7. which is U.S. owned

Hammer bat $580\frac{1}{2}$ Lot 3 - Sec 7
 $137-28 = 34.62A \div 2 = 17.31$ Acres

Note: Queer Thing: We find
no record of U.S. Overflow on
Fractional E $\frac{1}{2}$ of SE $\frac{1}{4}$ Sec 6?

Better write the U.S. about this?

Snow storm rager

All day at Room 134 National
Hotel Bld. Mrs A G Robertson
cashes my ck \$ 25.00 and I pay
her \$ 1.00 for room 134

All day and over nite at rest

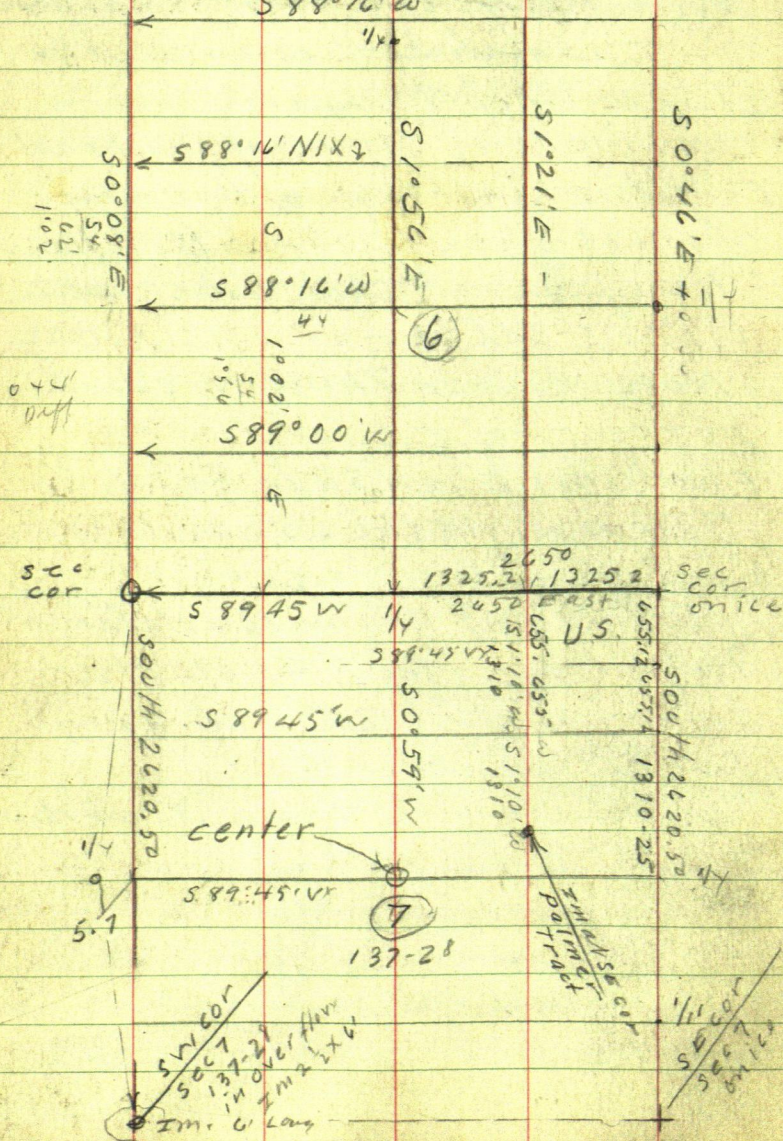
54

March 29 - 1944 0.35' diff

Cloudy-Warm. Figuring

588° 16' W

137-28



March 29-1944 Contd

To put in EW \angle of Gov Lot 3-SEC 7-137-25

π over NE COR SEC 7, on ice BS N 0° 46' W

Run South 655.12 Then S 89° 45' W 10 IP
of NS $\frac{1}{16}$ Line 1325.2 +

To put in Line bet Lat 3-4-SEC 7

π over NE COR SEC 7 on ice BS N 0° 46' W

Run South 1310.25 π '16 COR Then
S 89° 45' W To IP of N-S- $\frac{1}{16}$ Line

LV Beaman 10-30 AM

Still snowing lightly

Dinner at Jenkins with Mary Hill + Doris

Call Mrs Paul Hardy from

Pine River. Find Ch #35.00

at Walker Nelson, Wfg Co

Sleep at Hornum in Paddock
Ho. Snow piles up.

Mar 30-1944 all day at Walker
Sund Harrel 815. - 85 Total

S. 0° 59' W Cor 999853 x 2620.5-2620.11

S 1° 10' W Cor 999793 x 2620.5-2619.96

1319

.56

$$2620.5) 44.9 = 171341.34$$
$$= 0.59'$$

$$0171341 \times 2620.5 = 44.90$$

$$0171341 \times 260 = 4.45$$

$$0171341 \times 392 = 6.72$$

1°12' Far 207385

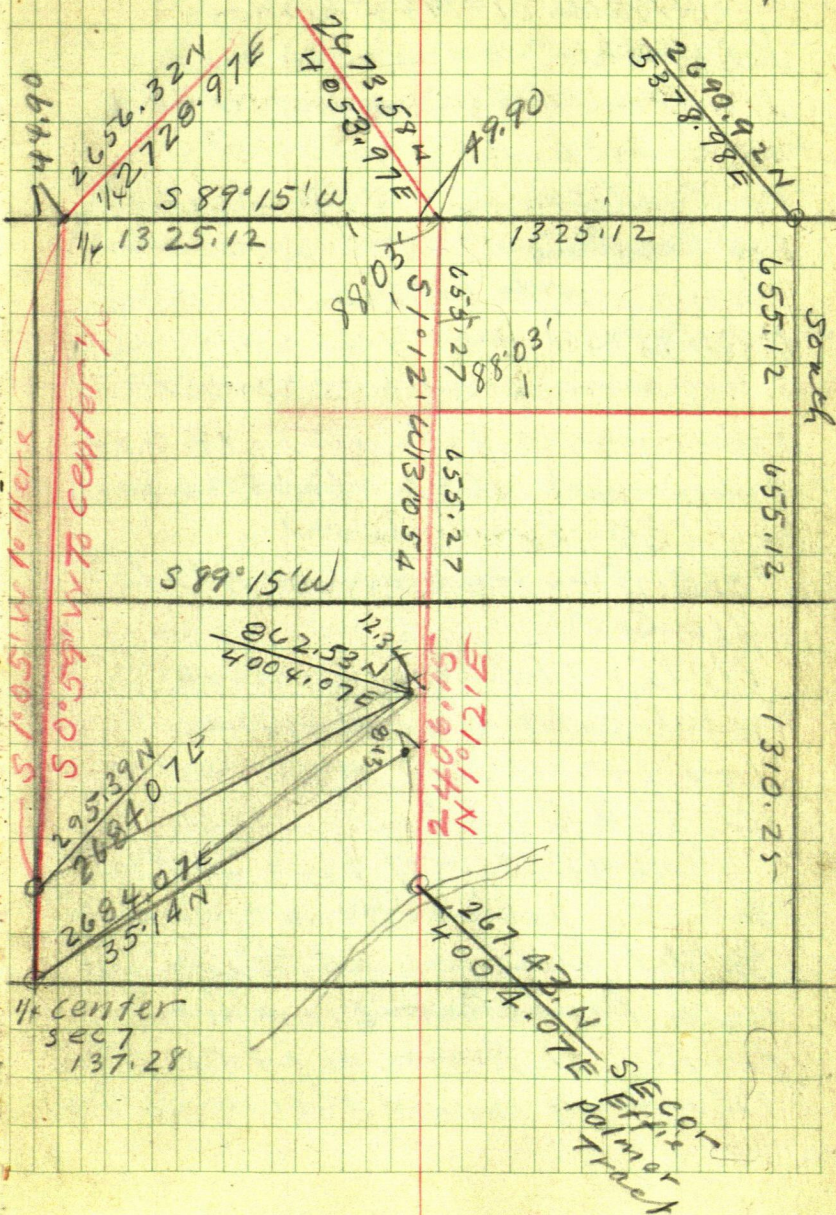
$$207385 \times 2406.15 = 49.90$$

$$" \times 392 = 8.13$$

$$\times 595.1 = 12.34$$

Work at ctho lab

57



58

March 31-1944 Friday

Lv Walker 10 AM - call Lippke
from Pine River - Dinner with
Paul Hardy - 0 PM

Paul and I in my car drive in via
Log Landing - 2" to 12" New snow
over E $\frac{1}{16}$ bet Sees 6-7-137-28
BS N 89° 15' E RUN

S 1° 12' W on ice 3-6 + 55.27 = 655.27

Hub on ice - 9-12 + 110.54 = 1310.54

Hub at 1032. Hub on ice

@ 1230 low shore

1310.54. Hub on ice slope

$\frac{1}{16}$ Cor

Nale: The two cutters
have cut a road on so
too far west over onto
Aund Effie

Paul pd on of his cutters
81. To help 1-Ho 40 rummel
Back to Superior at Hardy res
with Preacher Zibath &
family 81. Room 4 at PR Hotel
Blinding snow storm all PM

April 1-1944. Saturday ⁵⁹

Ck Cooked at PK Reg Hotel
8100m Fst val Bk Walker

Pay Mrs Lundene \$1.00
for room 4, for 10-night
Cold & wind - Bright
Sun 9-45 L for Hardy
rer Phone Hardy 4 F 515 RR

Paul and I with my car drive
E & go to Puup landing - then over
Lake Whitefish Lake on ice in
Willow Creek Overflow

T over stump $\frac{1}{16}$ in cor of
NE $\frac{1}{4}$ Sec 7-137-28 = Hat
1310.54 on side hill

Tier 12" Green JP Stump N.
about 30' W FT

6" green JP stump S about
10' E ft. To Nail in

heart of each stump

Continue random S $1^{\circ} 12' W$
South - Hit skier and
go to dinner with Hardy

60

April 1-1944 Continued

PM. Our line to 1°12' W seems
to hit out OK but a 12" SP line on
line we cannot see exactly.

We abandon this line and
as Hardy pulp cutters have cut
timber too far west I decide
to use Effie Palmer's East
line and run the float thing
straight North as I first
intended years ago
as shown by Bolak N° 34

We find my old 2x2
white stake at the NE Cor
of Lot N° 1. of Effie Palmer
lands from which we ch
North on W side of Hammer
gale - 36.5 ft as shown
by the Palmer Blue Print
and find my old 2" pipe
3" under ground from
which we chann

North on my old line
203.1 ft and find 2" &
2" pipe 4" under ground

From Page 21

April 1944 Board with Mrs Paul Hardy

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	SUM	16	17	18
Johnny Curo	1	0	0	84				0	0	0	0	0	0	0	0	0	0	0	0
Harold J. Curo	-	0							0										

Time Worked

John W. Curo	1	0						2	100	1	-	1	1	1	1	1	1	1	1
Curo Car	200							100	-	50	30	30	30	30	50	0	50	50	50
Expense	-	0						0	150							0			
Paul Hardy	1	0						84	4	0	1	1	1	1	-	-	-	-	-
Virgil	50							812.75	6	5	7 1/2	-	-	-	-	-	812.75	-	-
Fred Mayer	-	0						600	8420			420	1	1	1	1	1	1	420

Nick Peter Graef

To Page 121

From Page 21

Apr 1-1944 Continued

PM Paul and I drive Co
80 rods East on ice then
S and drive in Hammer's
road thro big drift on
on lake shore

T over my old 2" pipe
56.5 north from N.E. cor
of Palmer Plat and lake

Ties

20" N.P. S 75° 30' E 38.50 FT

8" SPN 56° 44' W 23.65

7" Red Oak S 18° 40' W 58.15

all 16 flat spots at base

other spots 3 ft up

All good spots that
will not grow over for 20
years - Paul Cuts out my
old line South half
way to Whitefish Lake

Cut at 5 - Supper at Hardy
Over night Room No 4 Pine River
Hotel. 5:15 PM

John W. Curran

April 2-1944 Sunday

All day at Pine River Hotel
Figuring Lippke Survey Book 263
Call Lippke 12th

April 3rd 1944 Monday

All AM in Pine River
Page 114 Book 263. 11-15 AM LV
for Portage Camp Dinner and
Overnight with Lippke

April 4-1944 Tues

All day and over night
with E.R. Lippke Book 263

April 5-1944 Wed

Work all am. Dinner with Lippke
PM. To Backus - Call Paul
Hardy. Then to Walker and
back to Beaumont - Room 125
\$1.25 National Hotel Bed

April 6-1944 Thurs

All day and over night at Red
Room 125 - \$1.25 per

64 Paul Hardy

April 7-1944 Friday

All AM at National Hotel Prod

Battery run down Fixed at
Henry Ford Garage

\$1.75 Pd

Lv Prod 12-30 St Pin. River - Call

Mrs Paul Hardy who says Mr
Hyams is there Dinner at Pin. River
PM

Drive to Hardy Res - 2-PM Then
on to Hammer Resat - Meet
Paul Hardy - Mr Marriam and
Mr Hyams

who will pay me an ex. fee \$100 to
Run in all lake Shore & Plat same
also map roads & adjoining
Land owners

I have a bad cold and
"run-out" on Mr Hyams 3-30
pull out for Walker - Meet Mr
Zebath and Mr
who bat the Huss Farm who will
pay me \$25 and help cut brush
\$2. to Mr Zebath - Over night at
home in Walker

April 8-1944 Sat-

Lv Walker. At Paul Hardy res
Call Paul Hardy from Pine River
Buy spikes - Also Lumber @
mill E of Pine River

Mr

May want his mill grounds
surveyed Pay 50¢ for scrap
lumber - 10 AM at Hardy res

Paul and his son

Help make stakes 10-30 Lv

Lv Car on N shore of Whitefish
Overflow - Walk along N shore
of Overflow set stakes 1 to 9
and home to dinner with Hardy
PM

Paul & his son

work π over S to O. on random
27.65 ft West of $\frac{1}{4}$ bet Sec 5-6-137-28
Page 49 This book

Focus N 0° 10' W on random
Run N 68° W on ice at 100 Hub A
at 200 Hub B. at 300 Sta 'C'

66

April 8-1944 continued

Tower Sta C¹ BS S 68° E

S/L 1 bears Stadia

Pool Road

1	N 29° 05' E	4.4	all on
2	N 5° 45' E	2.8	N shore
✓ 3	N 4° W	2.58	y overflow
✓ 4	N 13° 40' W	260	
✓ 5	N 19° 35' W	310	
✓ 6	N 39° 05' W	350	
✓ 7	N 62° W	390	

Creek Bank 10' N ^{and} 10' W

✓ 8	N 68° 30' W	300	
-----	-------------	-----	--

on E Bank of Creek in
 Overflow Creek 20' wide
 run SE

9	N 77° 40' W	280	
---	-------------	-----	--

on E bank of 20' Creek
 in overflow

π still at Sta 'C'

BS S 68° E

✓ Set Sta O. S 18° 05' W 450 ft

π still at 'C'

Sta 10 on W side of Quenflow beam

✓ S 19° 10' W 305 ft 15 ft

West of Creek, 4' E of Salid Land

11 S 22° 40' W 256

20 ft W of Creek - 5 ft from Salid Land

12 S W 262 ft

30 ft from creek

13 S 57° 30' W 230 ft

On E W 2 Sec 6-137-28

Set near old stump

20 ft W of Creek

14 S 71° 30' W 253

10 ft out on ice Creek

10 ft NE

15 S 89° W 290

On Creek Bank 20 ft

N of Salid Land

68

Apr 8-1944 Com

π still at 'C'

Slo

D-16 - bear

N 85° 17' W 445 ft

On narrow neck of land
on West shore

Slo

D 16

π over D-16 - BS on 'E'

S 85° 17' E

17

brs N 82° W 20.30 ft set

60 d spikes on stake line

18

brs S 23° 25' E 35 ft +-
Take W. Shore

19

N 8° E 130 on Salid

land 10 ft W of mouth
of Creek where it emp-
lies into overflow
Salid banks

Runs SE - T. 95

Slo 20

South 35 ft E edge of
small Round Pat Hal

21

Do 26° W 115

22

S 50° W 135

on West side of Pat Hal

On ice

69

$\pi @ 0^{\circ}16'$

Slo⁻ 23, S 59°W 140

West side Pat Hall

24 S 83°W 120

On NW side of Pat Hall

25 S 65°W 25 ft

on NE side of Pat Hall

Pack π to 10 Slo

D" on ice B5 on "C"

N 18°05'E

26 bears NORTH 55 ft

27 N 41°W 35

on N shore of overflow

28 N 67°W 200

29 N 78°W 350 - 20 ft out

on NE side of overflow

30 S 86°12'W 490

20 ft out on ice at

West side of overflow

70

Apr 8-1944 Con

D

T still at D

Run $S 79^{\circ} 40' W$ $360 \times 360 = 720 T.$ Sta F = $31'' - 40$ ft out on in

T over Sta F

F.

BS N $79^{\circ} 40' E$ on D"

Sta

32 bear N $46^{\circ} E$ 150

33 North 20

34 N $50^{\circ} W$ 110 East shore35 N $27^{\circ} W$ 240 at NECor of Overflow Out
of right over hill
On v shore36 N $59^{\circ} W$ 280

15 ft As of Salic ground

Pack T 80 rods SE T.

A '16 bet Sec 5-6-137-28

Stake on Tm line set
by Harald and I on in
80 rods So of $\frac{1}{4}$ bet 5-6
BS N $0^{\circ} 46' W$ on $\frac{1}{4}$ Cor
Run

$S 89^{\circ} 11' W$ about 400 ft
set Hut 60 ft. Spike on
Salish V shore which
runs NE - SW

$89^{\circ} 11'$ Tang - 014.254

Pack T to Car and drive
to Hardy res @ 5-30

Nali; I have been
using a home made Stadia
rod - Two 7 ft sections

We use on on 7 ft section

Paul rods - I use Buff
T - will have to check the
Stadia - Lali

Paul Hardy & co work 10 AM to

5-30 PM = $7\frac{1}{2} - 1\frac{1}{2}$ hr drive

= 6 Hours

72 April 8-1944 & Contd

I do not wait for
Supper at Hardy res
Paul I will have to pay
Paul for 4 Hours worked on
killworry 80 and his
for 6 Hours on all

Paul 4 @ 1.00 4.00

Son 6 @ 50¢ 3.00

Total 7.00

Also for all meals @ 50¢

Come straight home Over
night at home in Walker

April 9-1944 Sunday
all PM at CHo
Walker Over night of
home

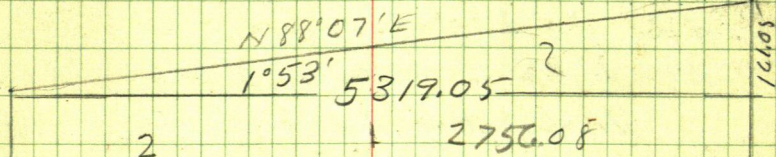
Not yesterday I sent
\$10.00 deposit Farmers Slot 134
Piquet

\$4 Inv. March & Jan @ 1

K T Early Bird

John A. Co

April 10-1944
 Cl Ho Walker Figuring



Mr Theo O. Mc Mahan
 Pronounced "Mc Mann"
 Called - To buy Harold's
 End O' Trail Lab

11.19 AM Pay 31.⁰⁰ Call to Paul Hardy
 11.20 AM Lr Walker - 11-55 AM
 Pay 2.83 for 10 gas 2 oil

12-15 PM at Hardy res

Dinner with Hardy

P.M.

Virgil & Paul & Curran Lr @ 1-15
 go via Hammond Resort stuck in
 mud till 2-30 AM per h &

✓

74 Apr 10-44 continued

P.M. PACK π half mile N
on ice - Clear Sunshine. 3 PM
Ice Solid - Could drive car on it

π over S $\frac{1}{16}$ on ice but bear
5-6-137-28 - 3 PM

BS NO. 46' W on $\frac{1}{4}$ bet 5-6

N. end of gravel ridge
5 ft wide 3 ft above water no
line. N. end bears N 60° E 180 ft ^{stadi}

SW end gravel ridge bears

S 7° W about 400 feet

@ 285 ft so ^{0.46} Haul and π set
a R.R. spike on line line extended
See Pg. ---

S $\frac{1}{16}$ under π = Sta G.O. Run

N 89° 15' E on line $\frac{1}{16}$ line set
60 ft spike on gravel ridge 101.5 ft
E for Back Shot

S 89° 15' W on line line

(6) + (5)

300 Sta A. on ice @ 380 Lr ice NE SW

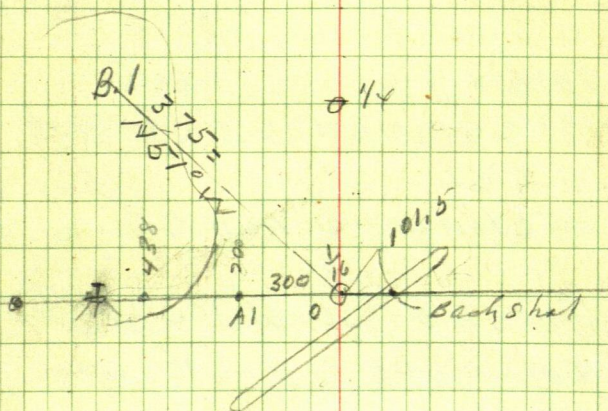
@ 438 Hub Spike on sand beach

15 ft NW from ice. 5 ft SW from
front of partly cut bank

8 ft hi' hill continues to slope up
438 + 107.2 = 545.2 Hub

75

NEC
SAC



6 5

7	8
---	---

545.2 Nail = 60 d spike in NW
edge of green Pap stump 9' up
 $545.2 + 61.7 = 606.9$ Hub
= 60 d spike on top Ties viz
6" JPN, about 85° W 3.35
7" JPS, about 20° E 7.3 To Spars
at base viz ground slope
Chained No Stadia

76

π still at $4/16 = 00$ Run
on ice, N 51° W 379.5 to Sls
Bl. (Stadia Reads 375.0)

To Bl. Chained 379.5
Stadia checks = 375 read
by Stadia chains 379.5
4.50 Short 375.0
by Stadia in 4.5

379.5 chained 0 to Sls Bl.
all on ice

π still at $8/16 = 00$

Take Shore line

✓ Sls ① brs N $79^\circ 30'$ W 300 ft Stadia
Foot of Cut bank 4 ft Hi and
4 ft back

Sls ② - N $70^\circ 10'$ W 270 Stadia
✓ 4 ft E of Cut bank - 4 ft W 8' Hi

✓ Sls ③ bears N 57° W 300: 6 ft E of
foot of Cut bank and 40 ft
S. of N. End of low Cut bank
Bl. N 51° W 375.0 Stadia

✓ = 379.5 chained on ice

Pack π 16 S 16 A1. BS N 89° 15' E Run
 Chain on ice S 76° 13' W = Town: 24531
 @ 100 ice 30' R Low water line 15' L
 @ 200 " 10 R " " " 15 L
 Foot of cut bank 30' R
 @ 300 Low water line 25 L
 ice 10' R
 Foot of partly cut Bank 33 R
 @ 350 Low Shore 30' R
 @ 400. " " 27 "
 @ 450 " " 15 "
 @ 500 " " 5 " R
 500 is on sand beach
 on mud beach

π Still @ A1-BS N 89° 15' E
 Again like low shore
 along fringe of small
 scattering timber 3 to 5"
 Low Shore N 40° E 55 ft
 " " 90° R 30 "

78

Apr 10 - 4x could

π still @ A1 - Run

@ S $76^{\circ}13'W$

100 Low shore 25' R

200 " " 10' R

300 " " 10' R

edge of hi water line

π still @ Sta A1 - BSN $89^{\circ}15'E$

Run on ice 1047.3

S $64^{\circ}48'W$ about 1000 Ft

Set Hub 60 d spike

5:45 Quit for night

6:30 Supper with Mrs Paul

Hardy Overnight Pine

River Hotel Room 23 & 1.

Paul works for Hyams

Virgil works for me

1-15 to 6

✓ 5 Hours for Virgil @ $50^{\circ} = \$2.50$

April 11-1944

Write my notes and
 to Halil Pine River

8.55 AM.

On Hardy Res 9-am
 Virgil - Paul and I in my
 car drive w + to

Call on Mr Mayer
 I ride with Mr Mayer in
 his car to E. L. bath Cars
 on Whitefish Lake Overflow
 All walk on ice to

Set picket on 60d spike
 set by Harold and I near
 old stump 1936.7 W Pg 50-51
 This book.

Mayer cuts alone
 West bet 6-7-137-28

Paul Hardy, Virgil & I work
 On

80

π over 1047.3

BSN $64^{\circ}48'E$ on Sta "A-1"

JP 10 N $48^{\circ}15'E$ 52.88

JP 8 S $56^{\circ}35'W$ 30.97

Sp at at base. 60 ft Hut.

π still on point from NE
at Sta 1047.3

S. Shore of Point Low wall

S $20^{\circ}W$ 45 S $50^{\circ}W$ 60'

= SW Point

S $85^{\circ}W$ 35 ft = NW Cor of Point

N $40^{\circ}W$ 27" = N. Side of Point

N $20^{\circ}E$ 60 ft = N Side of Point

Take East end of land on
Point on West side of
narrow strip of water

Point of land coming from
the West.

Proposed Road Crossing

π still at 1047.3

Use Stadia

N 85° W 180 = SE Cor 2nd Point

So S id. of 2nd Point

extends N 85° W 600' +-.

N 65° W 190 ft = E End of 2nd Pt

N 43° W 210 ft = NE Cor Pt

N S id. of 2nd Point extends
about West 300' +-

π still at 1047.3 BS IN 64° 48' E

Run N 4° E @ 44 Lv Pt NE SW

@ 175 Low Shore 100' R E

@ 200 " " 15' R

@ 250 " " 30' R

@ 300 " " 15' R

@ 300 + 196.1 = 496.1 Hub Sta "C-1"

@ 400 " " 35 R

12-30 to 1-30 Dinner with Paul
PM

1-25 Lv

π over 496.1 = "C-1" BS 'S 4° W

S 15° 1-B" bearing N 78° 04' E ✓

82

April 11-1944 continued

 π still over Sta 496.1 = 'C-1'

Shore S-28°E 70.2' S 64°E 100

Run N 78°04'E - 300-600 pm

@ 60' Shore 35' R @ 100 Shore 35' R

@ 150- Shore 40' R @ 200 Shore 75' R

@ 300 " 65' R @ 350 " 50' R

@ 575 " 50' R @ 600 " 25' R

@ 700 " 35' R @ 775 " 40' R

@ 800 " 25' R @ 850-70 900-Sh 10' R

C 937.4 = Sta "I-B"

@ 920 Low Shore 15' R

@ 937.4 " " 15' R

Extend Line thro 937.4-B1

@ 950 Low Shore 25' R

2-20 PM

Walk back to π 2-30 PM π back over 1047.3F.S. N 64°48'E on Sta A-1^D 1047.3

The stake on the Temp 1/16

Set 1325.12 west of Temp

SE Cor of SEC 6 - bears S 3°37'W

✓ 935.4 ft

Run S 3°37' W

83

@ 35 L. v. Point Entrance

@ 300-600 fm @ 665 Huk D-I on ice

⌘ over 665 = D-I-B S N 3°37' E
Run N 67°44' E 1310.7' to E-1"

⌘ still at 665 Take West end
of Point of land from the East
Shore S 18° E 80 to 100

S 80° E 80'

N 77° E 130'

N 73° E 157

N 75° E 190'

RUN

N 67°44' E 300 x 600 fm on ice

@ 300 Shore 70' R @ 450 Shore 80' R

@ 600 " 70' R @ 650 " 60' R

@ 700 " 30' R @ 850 " 40' R

@ 900 pin " 60' R

1075 " 30 to 100 R

@ 100 R Narrow Low land 25'
wid extends SE 70 ft

@ 1090 Shore 20' R @ 1100 Shore 15' R

@ 1200 " 10' R Low Sand ridge

84

N 67° 44' E cont'd

@ 1210 The West edge of Sand Point
extends northerly = West edge sand pt
100' +/- to L N, by 100 ft

1200 Rin + 110.7 = 1310.7 Sta E-1"

= Big 3" x 40" post set on ice

Paul Leaver @ 4 - Returns

5.15 PM Mayer calls

X over E 1/16 bet 6-7-137-28

Temp 1/16 bet 1325.12 West from
Temp S E Cor Sec 6 - set by
Harold & I.

Focus N 3° 37' E

Flag set by Harold & I bear

N 89° 18' E should read 89° 15' E

take shore line

N 42° E 155 ft N 66° 40' E 190'

N 75° 30' E 250 att

Run on ice S 84° 15' E 700 st

Stadia to iron pin on ice

= Sta E-1" To be used tomorrow

Apr 11-1944 ✓ Carol

85-

Take West end of US. Island.

S 67°05'E 550 S 59°10'E 525

S 54°30'E 525

S 48° 25' E 590

Quit @ 5.50 PM

Supper with Hardy

Room 23 again tonight 81. pl

Olive Olson calls on me at

P.R. Hald

Paul for Hyams

Uniq. Form 7 1/2 @ 50 \$3.75

18 yrs for himself

137-28

 $E \frac{1}{16}$

1325.12

4.15 E!
(705
712 chd

10/10/10

86 April 12-1944

Ar Hardy 8-45

Hardy waits for a truck with new
Kalamazoo Cook stove

π 9-30L Pick up Fred Mayer
- who I promise to pay myself
all go in my car

10 AM π over St
Virgil at school

Run shore shown
on Page 88 This
- book

Pack π over Big Post At "E-1"

1310.7 - BS S $67^{\circ}44'$ W on 'D-1'

SO End of Gravel ridge bears

N 8° E and N 14° E 150 ft

Take Point of sand from the South

N 58° E 80 = NE Cor

N 68° W 120' = NW Cor

Sag in West side S 88° W 90'

S 69° W 100

Continued on Page

Loose Notes Found

"Apr 11- 1944

From A-1" Run

S 64° 48' W 300-600 pinnacles

600 Low shore 86' R

650 Low shore 50' R

700 " " 27' "

775 " " 15' R

900 " " 25' R

950 Low Point from NE 50' R

975 Lv Ice NE SW

? 950 Point of Land from SW 25' R

970 Low shore 15' L

1047.3 Hub - 60' Spike

See Ties Page

Note

Must be a notch of marsh land
on East edge of this Point of
Land from NE. Care

Apr 13-44

OVER

88

More Loose notes found

"K over E-1" BS

N 84° 15' W. on 1/16

Take North side of Lake
shore

N 60° 310

N 50° W 280

N 31° W 210

N 16° W 170

N 5° E 125

N 38° E 120

N 62° E 165

S 83° E 150

S 42° E 155

S 22° E 180

South 160

S 26° W 160

This must
be U.S.
Island
clear of
12-1903

Apr 12-1944 continued

89

continued From Page 86

Now take East Side of Point
NW 70 ft S 62° W 40 ft at here
point of sand joins north end
of low main land

East edge of main land
S 25° W 100 S 15° W 200 to pt
on sand 5 ft E of low shore

NARROWS

S 14° W 200 Low bank R. 15 ft W
West side of narrows 115 R
E Side 15 R Total 100' across
E + W

S 13° W 240 N. end of low cut Bk
15' R.

BS- S 67° 44' W on I-D Run
S 12° 25' W - 300-600 ft on river
@ 240 N. end Low cut bank 20' R 6' Ht
@ 300 N. end Ht. cut Bk 20' R 8' Ht
" 325 Foot 12' R. cut Bk 15' Ht
375 " 15' R. 40' Ht? Highest pt
600 " 25' R 35' Ht
900 pin @ 700 Foot 30' R 15' Ht

90

Apr 12-1944 cont'd

Note: At 773 about cross 8' Hi
E-V Sec line 30' E of Low CTRk

Note Shore Line from here to
600+-N is straight

@800 Foot 30' R

850 " 30' R CTRk 2' Hi

900 pin Foot CTRk 25' R 2' Hi

978 Hub Foot CTRk 10' R 8' Hi

π over F.I. = 978 BS

N 12° 25' E Run

S 9° 28' W

Quit for dinner -

Dinner with Paul Hardy
PM

π back over Big Post

Fred Mayor still working
for me Hardy works for Hyams

BS S 67° 44' W Run

S 9° 28' W 300-600-900-1200 pin

900 + 228 = 1128 Hub on air

BS N 9° 28' E on Big Post

Old Sta

Bear N 8° 45' W 158

Foot of seawall N 12° W 100

5' E of CTRk 10' Hi

π still at 1128

N 39° W 70 To Foot of Bk 12' Hi

S 80° W 50' Foot of Bk 7' Hi

Low shore S 42° W 95' -

Top of Low seawall 15' E of
Foot partly of Bk 8' Hi

S 38° W 150. Top Low seawall

20 ft. E of foot of Hi Bank 7' Hi

S $38^{\circ}30'$ W 200. Low seawall

S 42° W 250 Low " "

π still at 1128 BS N $9^{\circ}28'E$

Run S 42° W 412. ft. to Hubonin

π @ 1128 takes Gravel Ridge

4" Willow lines 10' wide

S 30° W 50' S 11° W 100 To 400+ -

Run S 42° W 412.

π over 412 BS N 42° E

80 end of Gravel Ridge

6' wide Timbered beam

S $76^{\circ}30'E$ 200 ft

92. ¹⁹⁴⁴ April 12-1942 Cont'd
X still at 412

N 19° E 120 Low shore

N 52° W 140' - Low shore - 7' R

N 59° W 200

N 61° W 290

= So Side US Island

Note E-W So Lin of Island

Trout 665.12 ft So of 18 sec
Line bet Secs 6-7- 137-28

Cuts E-W - 22 ft N of so end
of gravel Ridge & cut line
EW across narrow gravel
ridge

Graef Nick Peter
~~Wohl~~

Wohl farth Otto W

Pack T 20 + W T. NECOT of
 Effie Palmer Tract under T
 Focus 20 on Imalgals

Ran North on T 20 1/2 line
 3 1/2 mile E from West line
 of Run 7-137-28

North 300 - 40 = 260 Hubs

60 ft spike on top @ 300 "

+ 200 = 500 ft net Hubs =

1/16 Cor in 2

at about 800 N Hub on line

Quint at 6 pm.

Supper with Paul Hardy

At Pine River Hotel 7-30

Virgil at school

Maya for me @ 60°

107.6 = 7 @ 60° 4.20

I own Maya ↑

Jahmed Cere

94

April 13-1944 Thursday

I pay Arvid Lundin \$2.
for Room 23 for last night
and for to-night

Lu PR 9-AM

10-15 AM Find Nick Peter Graef
and Paul Hardy waiting

π over $1/4$ N side Sec 6-137-28
JP 10 N 6° 13' E 60.50

JP 9+ N 42° 17' W ~~88.55~~ 88.65

Set corner 24

4957

back on

Work π on 9

CHW

We dig up nail set of True
NE Cor Sec 6-137-28 set flag

Then drive $1/2$ mi W & T

$1/4$ Cor on N side Sec 6

Find RR spike pulled out by
Road Drag But the hole is
here and Nick pushes spike
down in hole with his hands

ground is hard every
 other place so we know
 the "hole" is the TRUE $\frac{1}{4}$
 Cor N side of 6-137-28
 over which I set X and
 check my.

NEW BEARING TREES V12

See Page 94.

WORK X on line on big hill
 and set rod 80 rods west - on
 old N-S-Fence Fred Mayer &
 his car at about 10-AM and helper
 West 300 - 496,35 Hub 600 Hub 600
 $900 - 1200 \text{ fin} + 180.9 = 1380.9$
 Hub on old fence to

Walk West to $\frac{1}{4}$ Cor set

East on true line 300-600
 $900 - 1200 + 175.5 = 1375.5$ E

Total dist 2756.4

Nick & I eat dinner with Hardy
 PM

N 87°22'E 2756.4

1378.2

1378.2

TIES Page 96

96

Apr 13-1944 cont

TIES TO E 1/16 - N Side

Sec 6-137-28 RR Spike & E WRD

10" JPN 16' 12" E 101.70 FT

6" JPN 41° W 113.35 4

To spot at base

Bridge

NE Cor N 89° 10' W 168.05 FT

NW Cor N 89° 50' W 210.35

SE Cor S 84° 10' W 168.20

SW Cor S 84° 50' W 210.25

Taken From the end of each
8x8 Timbers bolted inside
the railing Turned From
True North -

Focus N 87° 22' E on True
Sec line RUN S 1° 21' E cut line
600 ft So then discover that
I turned the angle from True
Line as E x W All wrong: Call
crew back and start True Line

Focus N 87° 22' E on true line RUN
South: S 1° 21' E on true & sec 6

@ 50 ft set RR Spike 0.15 E of E

Cor post of fence which runs S
@ - 50 Rods

96
Sec 6
E 1/2
E 1/2
E 1/2

Apr 13-1944 - PM contd

97

Paul Hardy - Nick Graef
and Fred Mayor work all day
I eat supper with Hardy Then to
Pine River Hotel R 23

Drive $\frac{1}{2}$ mile East with
Lon Fields and his party.

Danher Dahl calls on me Rm 23
to tell him about chains & Links

Description in Abstract

"Com' at Pt 9 chains $\frac{1}{2}$ 90 Lks
E, and 50 Lks N of Center line
Sec 31-138-29 Running
North 5 chains then East
2 chains South 5 chains
West 2 chains 1 ft of veg

1275.0

710.6

564.4

1934.7

98

April 14-1944 Friday
up @ 6030 Dam near pozo-
no fire in hotel

7am Breakfast at Hotel

Cloudy - Spit snow from
SE Li Pin River Hotel Run 28

Paul and I LVC 8 - Nick
finds us @ 8-30 AM

Sow trees on line

4 ft W. of fence where it
crosses again to the east

Fred comes about 9-
and we cut half a mile

Our line S 1° 21' E crosses
line E + W & exactly at
point where Harold and I
set red 601

Pg 23

1350.5 West

I take dinner with Hardy

PM

Drive 1/2 in iron rod 4' long
1/16 cen East half sec 6-137-28

Reg @ NE Cor Effie
Palmer tract contains

North at 500 - Nail 60 of
Spike 1/16 Temp From

which we selected run in

O.O. = Temp 410

North @ 63.1 Hat 60° (63.1) plfa 7m

065-NP. 11 - sets E 0.80 W side Tree

1310.25 iron rod on ice

1315.8 Cross T line running
West at a point 50.3 ft West
of stake 1325.5 = 1375.3 W

At 1366. N set on ice

Something wrong

all Walk West Base NW Cor

Line 7-137-28 Cham

East set 6-7-137-28

1366 @ Lloyd Bowman road

North 1500 Hat. 18-21-2400

60° rail not on line

2400. + 215.3 = 2615.3

Stake Supper with Hardy

Room 23- Pine Rive Hotel

100

April 15-1944

8:30 AM L. Pine River Grind area

9 Pick up Virgil - 9:30 pick

up Fred. Dine's lot

$\frac{1}{4}$ Cor Bet 6-7-137-28

At Hub 2615.3 P₉₉ ch N

Fl set 602 spike and 8

BS $\frac{1}{4}$ mile West and continue

E on random bet 6-7

From Hub 2615.3 E ch

E @ 114.7 = 2730 E where

I set a 602 spike tree

$\frac{1}{4}$ Bet 6-7

From $\frac{1}{4}$ spike continue external

E on random passing Theo $\frac{1}{4}$

300 Hub $\pm 207.7 = 507.7$ Hub - 600 Hub

+ 110.7 = Hub under $\pi = 710.7$

From which old Hub MKd "1936.7 w"
near old stump & Page

Set 80

Continue $9-1200 + 75.6 = 1275.6$

From which our 2nd Temp. 1116

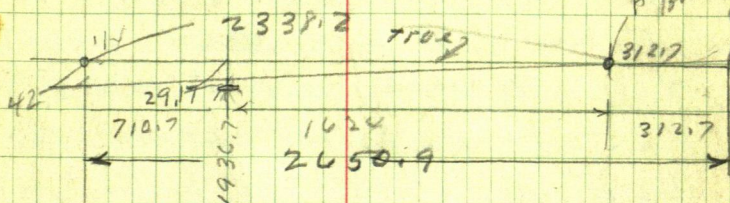
Set 80 57.4 ft

April 16, 1944 Sunday

I decided to

Change My line

From $\frac{1}{4}$ Cor. East to Hub on old
line 312.7 W



The 5.62 NOT
considered

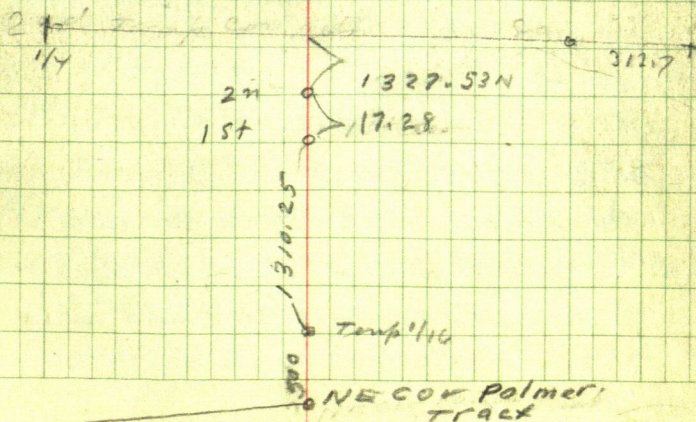
$$2338.2) 42 (= 17962535 \times 312.7 = 5.62$$

$$17962535 \times 1624.0 = 29.17$$

$$17962535 \times 2338.2 = 42.00$$

Now at 8 ft at Hub ch

At 29.17 Hub Now 29.17 BS on 312.7 W
Went to $\frac{1}{4}$ Cor This should do it



104

8.6 W ^{W°} Port 108 x 5 S 89° 36' W

April 17-1944 Monday

Lr Walker 9- Call Hardy
from Walker 312on Hardy 9-50. Pick up
Paul and then Fred

10.07 AM on 1/4 Cr

From old Hat Mark 1936.7.

Near old ~~to~~ with N 29.17and set π Line appears to

be more North. We cut out

brush and work π on linebet $\frac{1}{2}$ and Hub on lake at 312.7 v

Set RR spike on W shore

True E-W Line OK

Using this Line as E-W Tie sviz

7" JP N 1° 35' E 29.15

12" JP N 73° 07' W 60.80

Spike on old 710.7 E beam

N 4° 35' W 27.35

Nub Mark 1936.7 W v 15 S

S 2° 30' E 30.9

At IP of True lines on in Set
5" by 11 ft white oak post 8.6 N
of Temp cor SW angle 89° 36'

8'7 - 7'81

88.4

1382

105

12.30 Dinner with Paul Hardy
 PM Pack π to $\frac{1}{4}$ Cen of
 E. Half Sec 6 - 137-28

2 PM Paul and I pick up Fred
 and drive SE

π over Hat 130.6 S of $\frac{1}{4}$ $\frac{1}{16}$
 Cor in center of E $\frac{1}{2}$ Sec 6
 BS N $1^{\circ}21'$ W on true N-S-L

Big Oak stake in line @ E $\frac{1}{16}$
 but does 6-7-137-28 bear
 $\angle 1^{\circ}10'$ R BS N 15° at 2.8 E of $\frac{1}{16}$

π still over 130.6 BS N $1^{\circ}21'$ W
 Big post sets S $0^{\circ}10'$ E TIES

NP 10° S $4^{\circ}40'$ E 6.90

TIN in NP 7th d 7-12' at base

S $44^{\circ}40'$ W 20.50

At 130.6 ch to 8.0 T. 138.6

π over 138.6 on true line

BS N $0^{\circ}10'$ W TIES

NP 10° N 74° E 2.80

Same twin NPS $61^{\circ}10'$ W 13.55

From iron $\frac{1}{16}$ Cor in \angle of
 old Creek bed ch 138.6 T.

88.4 = 227 entomomach

N 70° E 120 Then S 10° W 100

Then SE

106) 138.6
244

24.65

From Hub 138.65 ch N 24.65

N To 114.03 of 1/16 sec 60
d spike 0.12 W of heart
of 7" SA stump on tree
line

Walk N

to our RR spike mark

567.35 W ch E 61.3 = 506. W

To 604 spike on line pt for 2m

1 ft No of 4 of old 10" pin
also at Gladia Sta

marked '13' - 5 ft W of RT

Bank of Willow Creek

and 25-30 ft W of 4

Creek 8" deep Run P 23

So. by Good Current

Quit @ 5:15 PM - Paul drives

my car and hits stumps 6. PM

at Hardy res. Supper with Hardy

Room 23 Pine River Hotel St. Pd.

April 18-1944 Tuesday

I am 73 years old to-day
was born at Mars Hill, Maine
on April 18-1871- Came to Hac-
kensack, Minn when I was 13.

Via Houlton Me. Chicago & Brainerd

Had my 13th Birthday coming
thro Chicago April 18-1884

Over night at Geo Jenkins
Ranch - now Jenkins Village
Night of April 24 - at Hackensack
April 25-1884-

Am Surveying land
now for Mr H. B. Hyams of
Atlas Mtg Co Eustis, at Robbins
Street Saint Paul, Minn

Who owns:

NE $\frac{1}{4}$ of SE $\frac{1}{4}$ and Gov Lot 3 Sec 6,
Also Gov Lot 3 and 4 - Except
N. $\frac{1}{2}$ of Gov Lot 3 which he has
leased from the U.S. Sec 7

All in T137N R928W of 5th PM
Crow Wing Co Minn. My Contract
is for \$225. John W. Curo

108 H.B. Hyans - 6-7-137-28
April 18-1944 continued

Lv Pk Reg Hotel Pine River
Tel Clem Ryan - Bid Ar Paul Hardy
10AM - From Big Oak Port in
ice at True $\frac{1}{16}$ Cor in East
Half Sec 7-137-28 Paul & Zeh
North on ice on True E $\frac{1}{16}$ Line
300-600. at 790 & low ridge
which runs about 70° W 150' +-
and N 70° E 100' +- To pt of land
900 pin @ 1062 IM - 1x12 pin
on neck of land 100' wide +-
NE SW 1200 pin 1300 Lv ice
Ent Marsh - Brushy
1380 on low ridge 100' E. of land
1427.5 Stake on line 50 ft E of Land
1550 Solid Land 30' L
1744 Stake on line
1800 pin in brush 1805 &
old Creek bed - d in NW - E
nearly dry 10' wide E-W
1884.5 Spike 60' in alder root
1960 pin 1875 So band old
Creek @ 2010 N Bank old
Creek 1 ft deep Runs East

Apr 18-44 cont'd

109

North on E $\frac{1}{16}$ Line Sec 6-137-28

cont'd 2152.5 stake on line

$1960 + 300 = 2260$ pin

2281 stake on line

2479.8 on line 18 ft N of swamp

2549.0 Hub on top Sec Ties

+ 138.6 = 2687.6 IM in

old Creek bed TRUE $\frac{1}{16}$ Cor

center of E Half Sec 6-137-28

Old dry creek bed 10' wide

RUNS 100'S + 20' N + NE

Once run SW

Dinner with Paul

PM

Drive my Car to Hammer Resort

See Pg 99. - Spike 63.1 N

of 500 stake Marking Effie

Palmer Tract Showing by Blue

print I made 10 years + ago

being Temp $\frac{1}{16}$ Cor 1310.25 N

+ 63.1 pt for IM Focus

North on big $\frac{1}{16}$ post in ice

NP 12 N $32^{\circ}22'$ E 1.95

JP 10 S $32^{\circ}22'$ W 15.10

110

April 18-1944 continued

From Pt For 2m 63.1 N of
Temp $1/16$ Cor in E of NE $1/4$
Sec 7-137-28 Ch N 91.4 to

154.5 Hut on ice

Take Shore Line

Hammer tract π over 154.7⁵

FS. on Big $1/16$ Port N Bay
N $74^{\circ}20'E$

0.0 Shore 55' R

100 " 35 "

250 " 30 "

315 " 37 "

425 " 10 "

575 " 40 "

625 " 30 "

650 " 30 "

700 " 45' R

921.7 Hut on Sand

1029.0 " " ice

π over 921.7 BSS $74^{\circ}20'W$

Bay of Overflow SG 40W 200

S $30^{\circ}W$ 240 SW Side

S $22^{\circ}W$ 270 S $10^{\circ}W$ 250

S $2^{\circ}W$ 210 SE Cor Bay

S 11° E 190 S 12° E 140

S 27° E 120 E side of Bay

S 38° E 90 where sand bar
hits west side of brush point
from the SouthS 53° E 70' where N End of
brush Pt hits So end Sand BarS 64° E 100 - N End Pt + So End
of Sand Bar

Sand Bar

West side S 36° E 100

S 9° E 25' S 75° W 12

N 47° W 25' N 65° W 50

N 43° W 75' N 19° W 75'

N 10° W 100 North 180

North End of Sand Bar

N 8° E 250 N 26° E 280

N 30° E 240 = gravel ridge

E Side Sand Bar

N 22° E 200 N 32° E 60

N 75° E 60

X over Hub 1029 on ice

BS S 74° 20' W RUN

S 3° 20' E on ice

@ 65' NE Cor brush pt 25' R

112 April 18-44 cont'd

@ 100 Foot of ridge 15' West R

@ 200 E Side pt 30' W R.

@ 300 " " " 60 " R

E End Hammer Road 100 y

410 North end Cutbank 25 R

= So end of flat Camp Gds

430 Foot cut bank 10' " R.

500 " " " 6' R. 25' Ht

600 Same

650 " ice 25' E

700 Foot of Blk 12' R. 30' Ht

800 " " " 30' R 30' Ht

900 " " " 60' R 30' Ht

1173 Hut on ice

π over 1173 BSN $8^{\circ}20'W$

Set Hut $568^{\circ}13'W$ 700' + -

Open ice no chain

π still @ 1173 S Shore

N $27^{\circ}W$ 210 To Foot of Blk 30' Ht

N $57^{\circ}W$ 190 " " " "

N $75^{\circ}30'W$ 210 Foot of Steps

S $87^{\circ}30'W$ 300

S $82^{\circ}W$ 400

S $76^{\circ}W$ 530

S $73^{\circ}30'W$ 650 To Sta + Ft of Blk

Apr 18-44 Contd

113

From Sta + Chain Chain

SW along foot Mt. Cat Bank

457.4 To Pt 'A' under T

Focus N $68^{\circ}13'E$ on S/G 1173

Sta + bears N $60^{\circ}28'E$ 457.4.

Foot of Bk N 10 ft

Climb and Count Steps

3 Sections of Slips @ 14 each
about .75' or 9 inches bit slips

42 steps @ .75 = 31.50' Ht

Supper With Hardy

This finishes the work
except making plats

I write Mr. Hyams to
send me \$100. on account
Bal \$125 when maps
finished

20 for Backer \$ 262 gas & oil
Call Lipphs and go there
for over night Sec Bk 263.

John W. Cress

114

Cash - received

April 22-1944 Rec

140

Recd thro Paul Hardy Check 1327
mailed at Jenkins

Copy of ck ST Paul Empire
Nat'l Bk + Trust Co To John W Curo

\$100. H.B. Hyams

Note 1st pt on my contract for \$225.
bal due \$125.

May 6-or 7th Rec Tel Call from
Paul Hardy - Hyams is there and
wants grade stakes set for new bldg

I tell Paul I can come Monday
May 8-1944 All day on PR Cem plat
Evening: I meet Com arsn

9-30 PM I call Paul Hardy and plan
to come out May 10th

May 10-1944 Raining stay in Walker

May 11-1944 I Call and set El. Stake

Duc Hardy Pg 21	^{Boord} \$11.00	Pg 61	^{Boord} \$9.00	^{Work} \$16.75	^{\$} 36.75
				^{Per} 10	
				^{Bot} = 26.75	

Fred Mayer ^{\$}25-4.20 ^{Work} \$20.80 Dueme

Hyams will O'm ^{\$}125.00 when map is delivered

137-28

JUNE 3-1944 Figuring

Page 8

Page 7

25

115

pg 7

1/4

24

94

95

pg 17

pg 20

20

25

23

1350.5

pg 10-17-19

20

6

25

1343.8 1343.8

2687.6

1344

27

28-30

pg 100

50 50

29

2730 VIALIN
pg 100

pg 100

US

pg 10

50

60

81 40 62

30

7

24 8

1/4

116

Plotting

June 1944

3rd

4th Sunday

5th

$$\text{Tan } 0^{\circ}45' = 013091 \times 1400 = 18.33 \text{ N}$$

$$\text{" } 0^{\circ}46' \quad 013382 \times 1400 = 18.73 \text{ E}$$

$$\text{" } \text{" } \text{" } \quad \text{" } \quad \times 2100 = 28.10 \text{ E}$$

$$\text{Tan } 0^{\circ}45' \quad 013091 \times 1330 = 17.41$$

$$S 1^{\circ}21' E \text{ Tan } 9 = 023566 \times 2000 = 47.132 \text{ E}$$

$$S 0^{\circ}46' E 2640.4$$

$$S 0^{\circ}46' E 2640.4$$

$$\text{Sine } 013380$$

$$\text{Cos } 999910) 2640.4 = 2640.42$$

$$\text{Tan } 9 013382$$

$$S 1^{\circ}21' E 2640.3$$

$$\text{Sine } 023560$$

$$\text{Cos } 999722) 2640.3 = (2641.03 - 21.65 = 2619.38$$

$$\text{Tan } 9 023566$$

$$S 87^{\circ}22' W 2756.4 = 2^{\circ}38'$$

$$\text{Sine } 998944 \times 2756.4 = 2753.49 \text{ W}$$

$$\text{Cos } 045944 \times 2756.4 = 2753.49$$

$$1376.75$$

$$\text{Tan } 9$$

$$\text{Cos } 045993 = 126.64$$

34

43.31

S 88° 16' E W

21.65

S 87° 22' W

1378.2

2756.4

chd

S 87° 22' W

S 87° 22' W

S 89° 14' W

2543.2

chd

34.3

2568.20

2562.83

.37

.34

.71

27

27564 chd

25632

5319.60

71

5318.89

S 102° 1' E 2619.38

S 88° 16' W

1350.5

S 0° 46' E

1320.2

1320.2

1320.2

2644.02

2644.02

2644.02

2644.02

2644.02

2644.02

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2644.02

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2644.02

2644.02

2644.02

East

50° 46' E

136538

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H. B. Hyams
Atlas Mtg Co St Paul

Eustis at Robbins Nestor 7456

March 24-1944 Page 34 This book
Contract

$$125 + 100 = \$225-$$

100 paid

Bal \$125 Except

1st Survey Book 265 Board & help
Contract

2nd Survey Book 273

Capin DEC HAVERLY

GL 6 SUR 7 137-28

120

1-10-76

1150

193.3

90-30

90-30

1343.3

181-00

TIES TO E 1/4 512

8" I.P. SW 62.80

20" N.P. NW 56.80

90-38

90-37-30

181-15

89-48

179-36

89-48

61-39-30

123-19

① 159-27	NE COR.	CAB	22.50
② 198-00	NW COR	"	29.95'

146-03

292-06 146-07

112-44

225-29

112-44-30

112-46

117-16

234-32-30 117-16-15

159-13

318-25

159-12-30

55-47

165-32

331-05

165-32-30

121



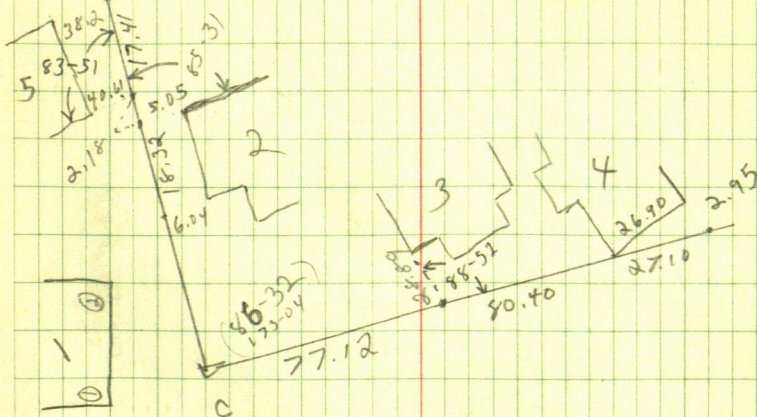
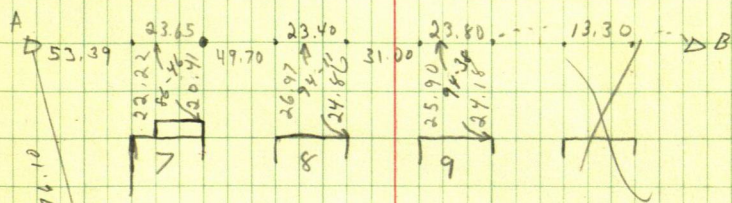
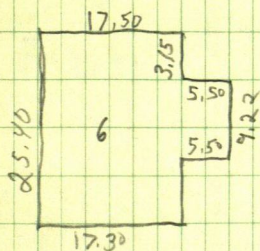
122

A @ A BS A

TURN LT

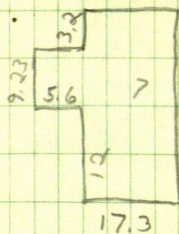
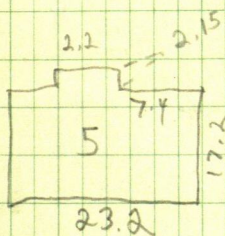
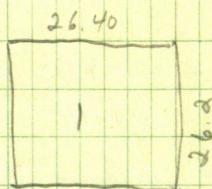
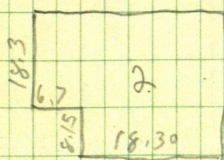
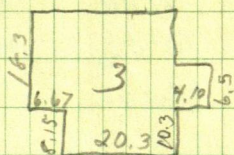
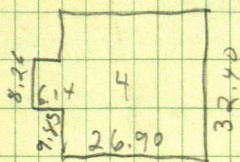
① 87-27 47.95

② 59-41 56.07

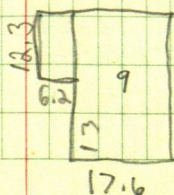
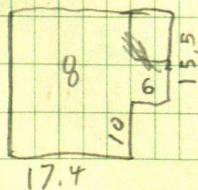


124

770
70.93
84093



$$\begin{array}{r} 12.3 \\ 5.6 \\ \hline 22.9 \end{array}$$



126

T @ F BS E

15.0 @ 57-50 SW cor K. Pool

28.0 @ 70-33 NE 49.44

32.5 @ 52-02 NW 126.19

35.0 @ 33-56 SE cor Pool

48.0 @ 51-54 NE cor

75.0 @ 27-28 NW

80.5 @ 36-49 SW cor Building

59.5 @ 56-14 SE cor

76.5 @ 64-23

73.0 @ 73-16

83.0 @ 75-19



175-02

350-04

175-02

149-59

299-59

149-59-30

Cabin 11 T over G BS F

80.50 @ 62-25 SW cor

72.12 @ 78-17 SE cor.

170-24

346-48

170-24

92-24

184-48

73-10

146-19-30

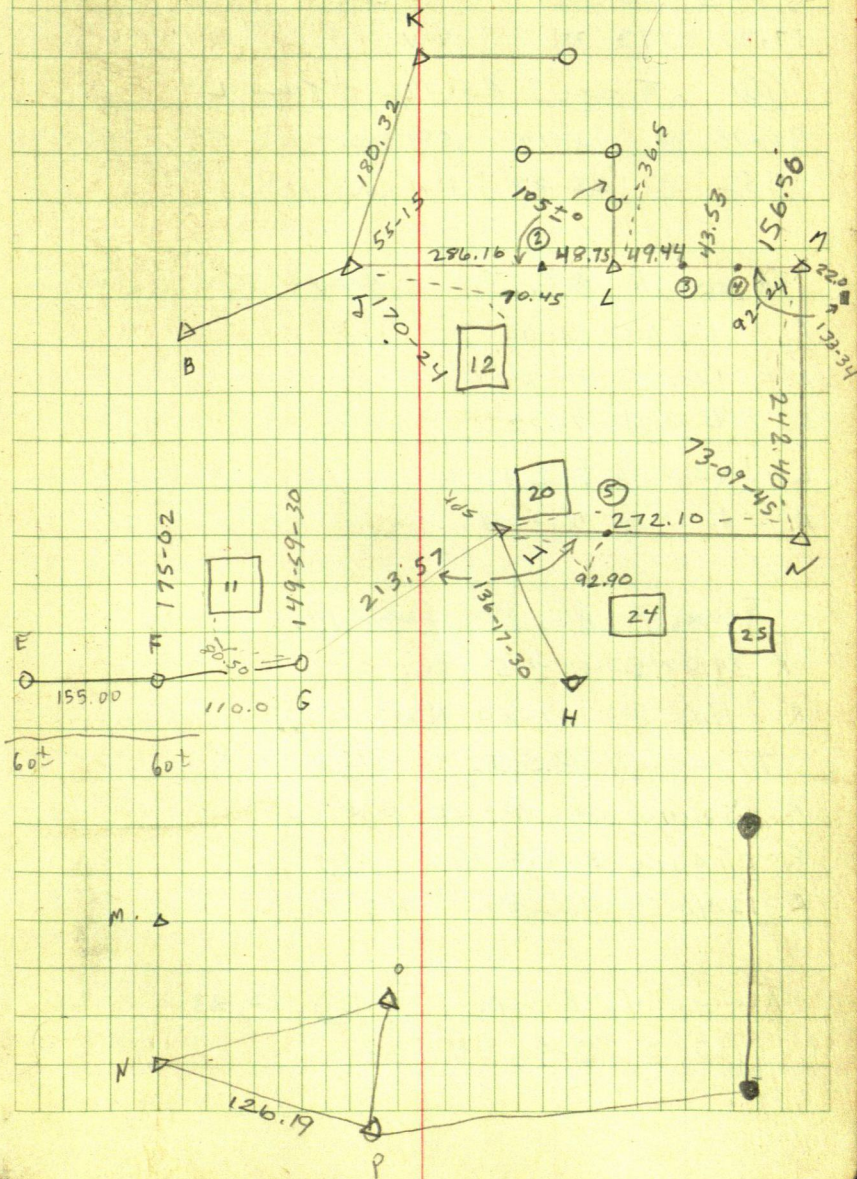
55-15

110-30

55-15

136-17

272-35



128

Cabin (12)

T over J B.S. M

70.45 @ 50-48 NE Cor.

57.35 @ 73-34 NW

(10)

T over J B.S. M turn L

85.75 @ 10-17 SW Cor.

95.52 @ 28-33 NW Cor

T over K B.S. J. Road

R 175.0 @ 2-05

L 138.0 @ 4-24

L 93.0 @ 7-32

L 43.0 @ 7-23

R 11.0 @ 61-34

T over K B.S. J Cabin 14

R 34.83 @ 61-45 SW

R 19.0 @ 107-20 NW

T over 2 B.S. J (15)

R 50.14 @ @ 111-27 SW Cor.

T over 3 B.S. M (16)

R 12.40 @ 90-37 NE Cor.

T over 4 B.S. M (21), 22, 23

R 1.0 @ 93-56 NW Cor

(19)

 π over M B. S. J

L

95.28 @ 61-27 NW

L

80.45 @ 86-51 NE

(20)

 π over I B. S. N Left

L

4.62 @ 5-34 NW Cor. North Side

(24)

 π over (5) B. S. N

R

32.05 @ 76-59 SW Cor West Side

100-07
200-15

100-07-30

133-13
266-27

133-13-30

95-17 @ 174.0 I Turn Left

(25)

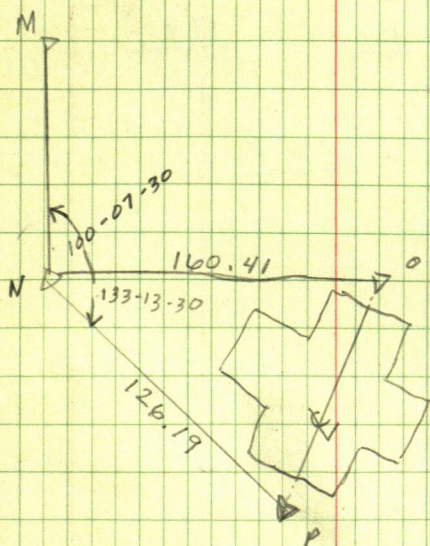
 π Over N B. S.

L

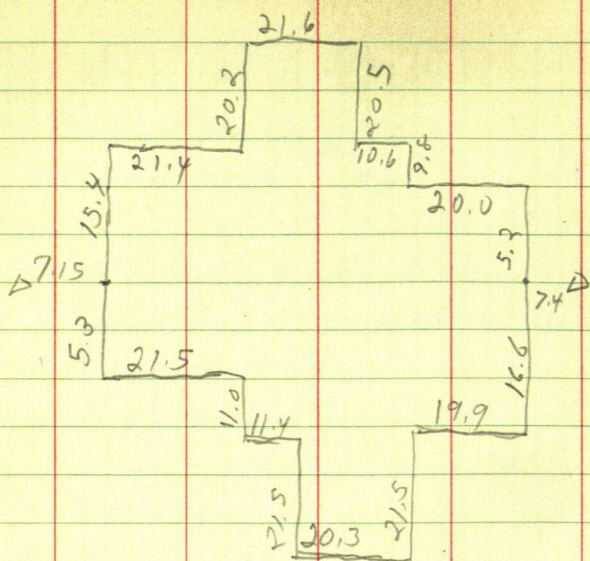
53.63 @ 46-42 NE East Side

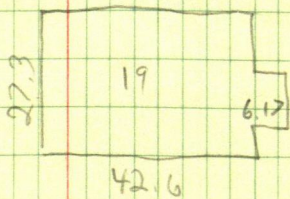
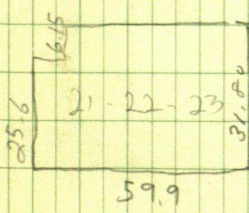
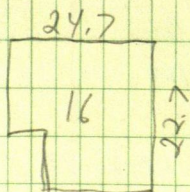
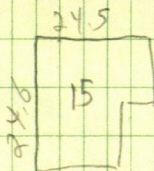
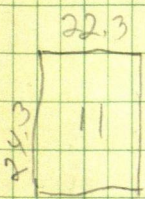
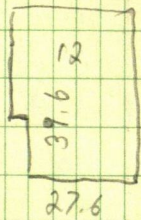
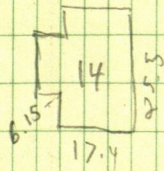
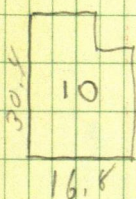
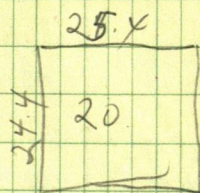
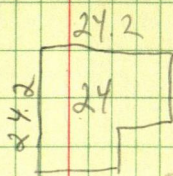
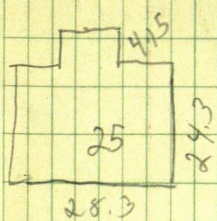
L

70.52 @ 62-58 SE



132





$$\begin{array}{r} 25.6 \\ 21.6 \\ \hline 47.2 \end{array}$$

$$\begin{array}{r} 42.6 \\ 48.0 \\ \hline 90.6 \end{array}$$

134

BERT WOODFORD

150-08

300-16

89-38

179-14

89-37

166-10

332-20

166-70

146-34

293-08

146-34

K @ A G S B

172-30

120

C

181-05

150

197-10

152

208-10

155

214-45

155

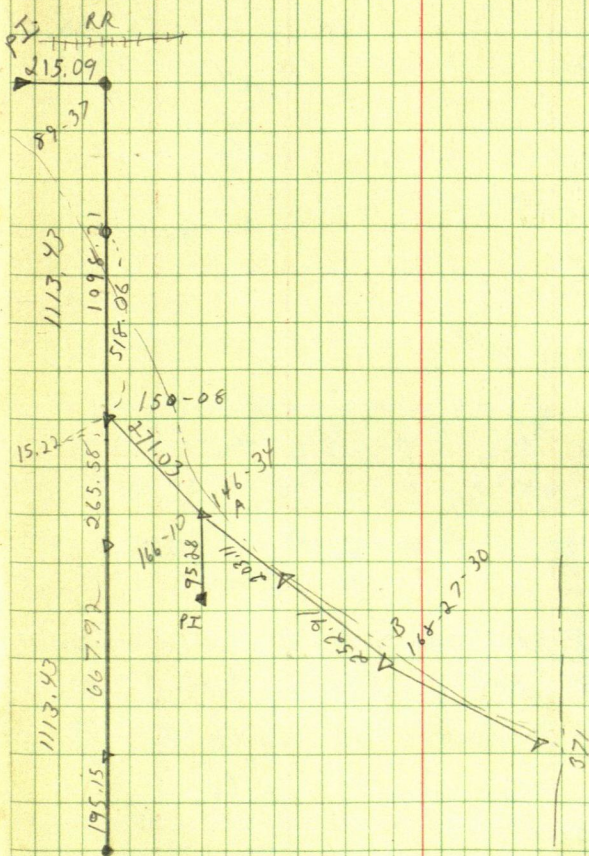
236-30

164

168-27

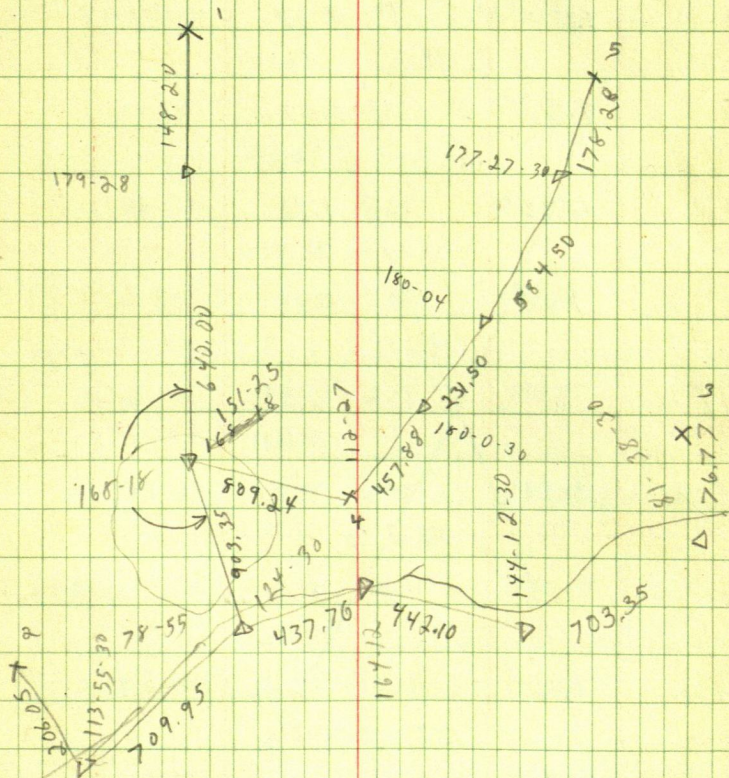
336-55

168-27-30



136 DEEP PHOTO CONTROL FOR COUNTY
PORTAGE RESERVE

				103.28 25 <u>128.28</u>
179-28				
358-56	179-28	151-25 302-50	151-25	470 114.5 <u>584.5</u>
168-18				
336-36	168-18			
78-55				
157-50	78-55			
124-30				
244	124-30			
113-55				
227-51	113-55-30			
164-12				
328-24	164-12			
144-12				
288-25	144-12-30			
81-39				
163-17	81-38-30			
177-28				
354-55	177-27-30			
180-04				
0-08	180-04			
180-0				
0-01	180-0-30			
112-27				
224-54	112-27			



138

BS

HI

FS

BM # 1

9.47

SPK IN 15"
NP @ TURN

109.47

TP

12.97

0.33

109.14

122.11

~~129~~

TP

12.38

0.37

121.74

134.12

TP

9.15

0.67

133.45

142.60

TP

12.83

1.41

141.19

154.12

TP

7.46

0.81

153.31

160.77

165

X # 1

6.39

154.38

BM # 2

2.38

5.77

155.00

152.38

X # 1

3.01

154.37

TP

0.15

13.12

144.26

144.41

TP

0.12

12.87

131.54

131.66

~~12.05~~

TP

0.35

12.05

119.61

119.96

~~107.53~~

TP

.09

12.43

107.53

107.62

BM # 1

8.53

BS		HI	FS	
BM #1	11.39 112.6			
		111.39		
	11.30		.12 .27	111.27
		122.57		
	13.31		.05	122.52
		135.83		
	7.34		0.53	135.90
		144.64		
	12.89		0.25	144.39
		157.28		
X #1			3.47	153.81
BM #2	2.26		2.84	154.44
		156.70		
X #1			2.90	153.80
	0.67		12.33	144.37
		145.04		
	0.17		9.75	135.29
		135.46		
	.11		12.37	123.09
		123.20		
	0.64		12.88	110.32
		110.96		
			10.98	99.98
	62.08		62.10	

140

BM #1 0.17

100.17

0.22

13.18

86.99

87.21

4.99

6.55

80.66

BASS LAKE
ICE

85.65

5.12

5.01

80.64

85.76

5.73

6.82

78.94

84.67

BM #3

0.28

1.20

83.47

SPK IN 20 WD
5500' LAKE

83.75

9.92

5.18

78.57

ICE

88.49

11.23

0.37

88.12

99.35

X #2

5.15

94.20

BM #4 1.86

3.81

95.54

SPK IN
12' PPP

97.40

X #2

3.20

94.20

0.28

84.56

13.72

84.28

5.25

5.93

78.63

83.88

BM #3

0.37

0.32

83.56

83.93

5.31

5.21

78.72

84.03

5.24

5.32

78.71

83.95

11.36

5.22

78.73

90.09

10.15

0.43

89.66

99.81

6

X #3

BM #3

WILLARD

X #3

SPR IN 5"
BIRCH

547-1524

5.17
-.30

84.11

5.36
5.17

78.75

78.75

83.92

.30

83.62

BM #3	0.37	0.32	83.56
-------	------	------	-------

83.93

5.31	5.21	78.72
------	------	-------

84.03

5.24	5.32	78.71
------	------	-------

83.95

11.36	5.22	78.73
-------	------	-------

90.09

10.15	0.43	89.66
-------	------	-------

99.81

X #3

BM #5

X #3

587.20
587.20

PR IN 5"
BIRCH

5.36

84.11

5.17

~~5.36~~

83.92

5.21

~~5.36~~

78.75

5.36

~~5.17~~

78.75

.30

83.62

BM # 3	0.37		0.32	83.56	
		83.93			
	5.31		5.21	78.72	
		84.03			
	5.24		5.32	78.71	
		83.95			
	11.36		5.22	78.73	
		90.09			
	10.15		0.43	89.66	
		99.81		8	
X # 3			1.09	98.72	
BM # 5	1.66		2.13	97.68	SPR IN 5"
		99.34			BIRCH
X # 3	12.80		0.62	98.72	
	4.02		12.40		
	12.22		4.02	86.94	100
		90.96			
	5.22		12.22		
	5.21		5.22	78.74	
		83.96			
	5.36		5.21		
			5.36	78.75	
		84.11			
	5.17		5.36		
	5.30		5.17	78.75	
		83.92			
			.30	83.62	

142

B.S.

F.S.

BM #3

1.371

84.84

5.15

4.27

80.57

85.72

5.12

5.17

80.58

85.70

12.01

1.44

84.26

96.27

6.58

0.55

95.72

102.30

B.M. #2

1.06

2.38

99.92

100.00

101.06

1.13

12.69

88.37

89.50

5.10

8.80

80.70

85.80

9.82

5.10

80.70

90.52

10.41

1.13

89.39

99.80

X #4

1.30

98.50

B.M. #6

Spike in

8.87

1.30

98.50

Spike in
5" Birch

5" Birch

107.47

X #4

8.97

98.50

1 D.S. 1 H.I. F.S.

11.75 0.62 106.85

118.60

5.77 0.52 118.08

123.85

11.10 1.05 122.80

133.90

12.57 2.86 131.04

143.61

X^{#5}

2.04 141.57

B.M. #7

2.16

3.06

SP. K. 11
140.55 6" Birch

142.71

X^{#5}

1.17 141.54

1.20

12.92 129.79

130.99

5.59

12.89 118.10

123.69

.25

12.00 111.69

111.94

.07

12.54 99.40

99.47

B.M. #6

.62

1.11

98.36

(98.50)

99.12

.39

13.06

86.06

86.45

DEEP PORTAGE RESERVE

144

13.5

F.S.

5.13

5.69

80.76

85.89

11.15

5.14

80.75

91.90

~~1.16~~

10.44

1.16

90.74

~~B.M. 1~~

1.06

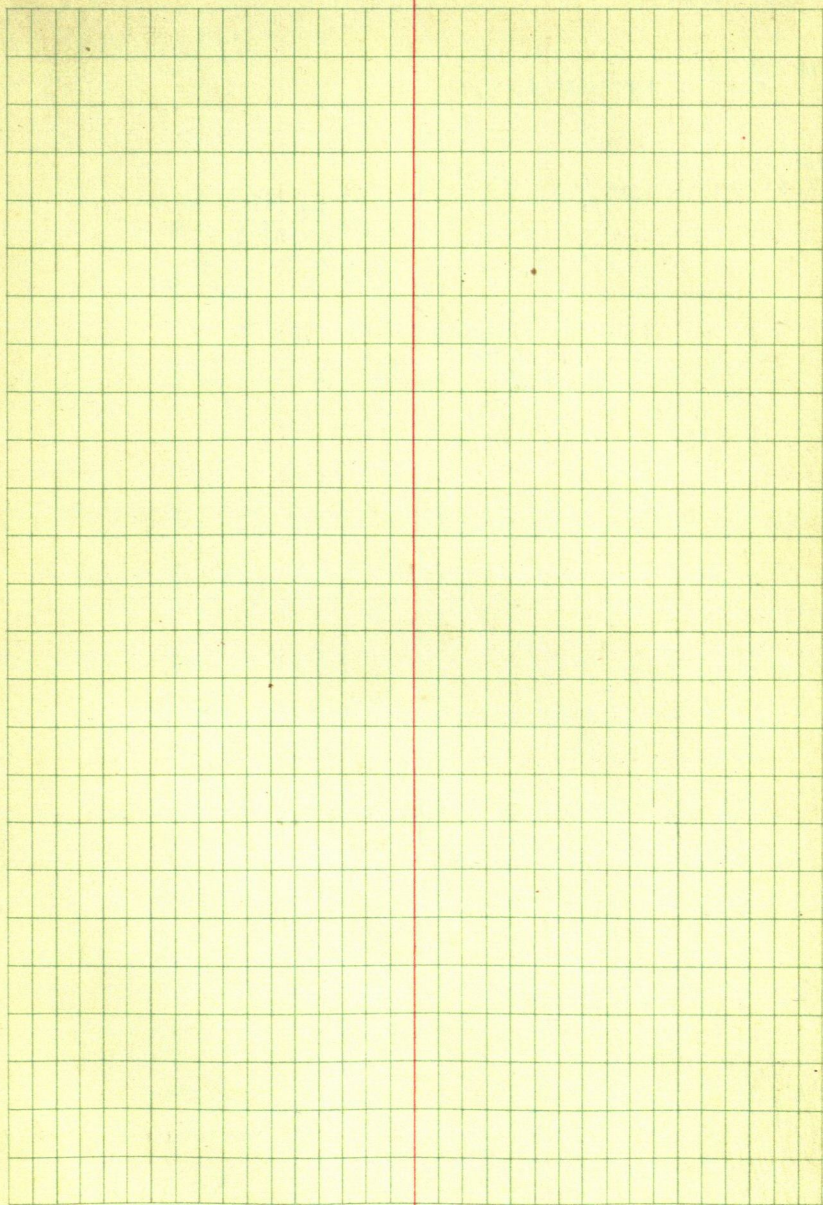
101.18

BM # 1

1.06

100.12

145



146

BERT WOODFORD

48-35

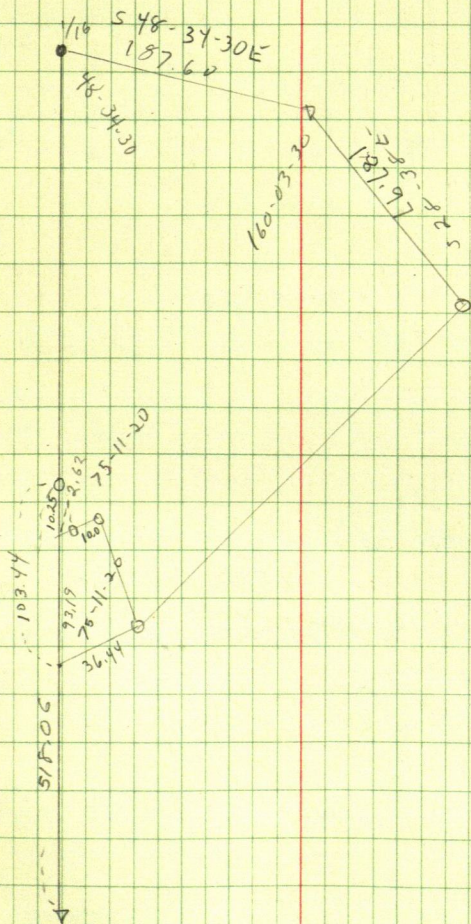
97-09-

48-34-30

160-03

320-07

160-03-30



BRIANT 136 148

~~BRIT 147~~

RECKINGEA

BACHUS

-45°

133-13

266-27

133-13-30

3244.919

T @ 2 BS 1

269-42-40 3244.96

180-20-03

269-03-50 2030.50

3 0-40-10

2030.229

358-04-35

268-11-30 565.32

E 356-08-40

565.039

T @ 3 BS 2

98-54-35

98-53-20

4 197-48-15

98-54-07

197-47-20

98-53-40

NE COR

171-47-20

33.42

T @ 4 BS 3

155-32-05

269-40

766.527

766.54

5 3-11-311-09-20 155-32-10 269-16-50 671.27

671.217

T @ 5 BS 4

208-16

ME 56-32

T @ MC BS 5

362.497

165-27

270-58-40 362.55

8 330-54-35

165-27-17

271-21

2707.09

2701.09

2700.34

150

T @ MC BS 5A

8 30-34-40

8 61-10

30-35

Dec. 21, 1976
{ Ed, Paul J., Ron B.

90-07-10 1141.20

1141.198

T @ MC BS 6

23-33-20

8 46 47-46-90

23-33-20

89-55

1780.57

1780.568

T @ MC BS 7

~~00-07-20~~ 00-19-20

270

2501.64

8 38-40

00-19-20

T @ 8 BS MC

182-25-35

8A 4-51-15

182-25-38

T @ BA BS P

177-39-40

91-40

275.473

275.59

9 335-19-10

177-39-35

269.21

26 284.25

284.232

T @ 9 BS NW COR SEC

8A 115-25-41

86.13

T @ 9 BS 8A

92-50-50

W 1/4 185-42

92-51

152

 $\pi @$ W $\frac{1}{4}$ BS 9

85-55-30

2568.788 270-50 2569.06

11 171-50-50

85-55-25 1798.822 269-30 1798.89

10

270 1157.24

11A

1129.527 269-30 1129.59

12 70-57-50

2842.155 90-06-30 2842.16

191-55-90

70-57-50

 $\pi @$ 12 BS W $\frac{1}{4}$

112-06

13 224-12-10

112-06-25

14 107-58-50

30² $\pi @$ 13 BS 12

270 - 380.61

178-33-25

89-32-10 980.19

5 1/4 357-6-40

178-33-20

~~980~~ 980.158

90-47-30

 $\pi @$ S $\frac{1}{4}$ BS 13

226-45-10

14 73-30-05

226-45-02

 $\pi @$ 14 BS S $\frac{1}{4}$

1308.022

106-57-10

90-51-90 1308.17

1 213-54-20

106-57-10

90 1761.64

 $\pi @$ 1 BS 14

117-20-30

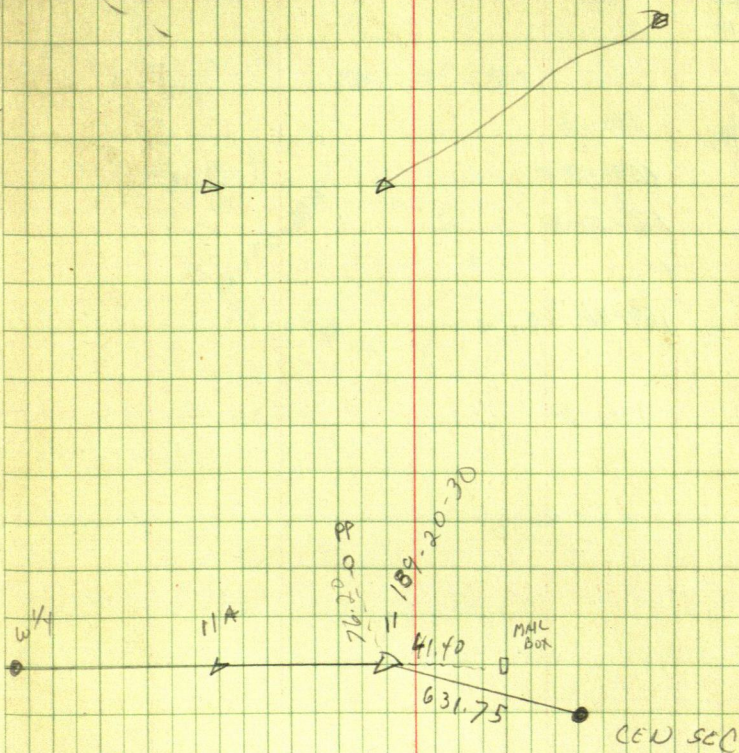
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117-20-40

189-21

189-20-30

18-41



154

BRYANT RECKINGER

~~132-39~~~~265-14~~~~132~~

132-35

265-10

132-35

168-45

337-34

168-47

150-41

380-44

150-22-30

~~189-46~~~~337-34~~

160

169-46

339-33

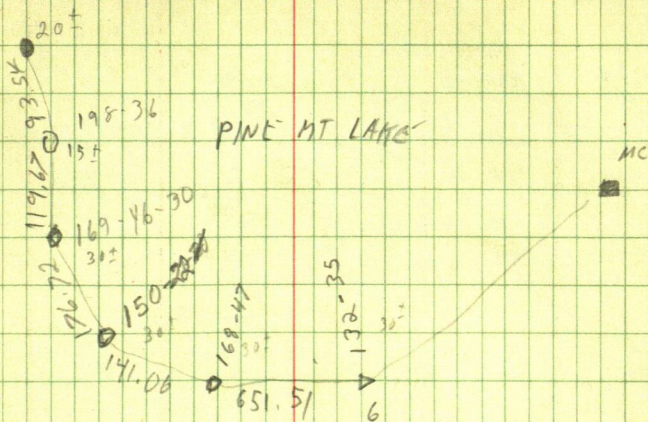
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93

198-36

37-12

198-36



156

J. KOHLMAN + F. SPIELER

NW 1/4 SW 1/4 T6L7-7-137-28

100-29
~~200-00~~

100-30

10-30

160-30
321-02

160-31

160-31

171-01

179-60

171-01

8-59

90

98-59

240

163.07

403.07

98-59

36.29

15.5

203

90-37

181-15

90-37-30

69.24

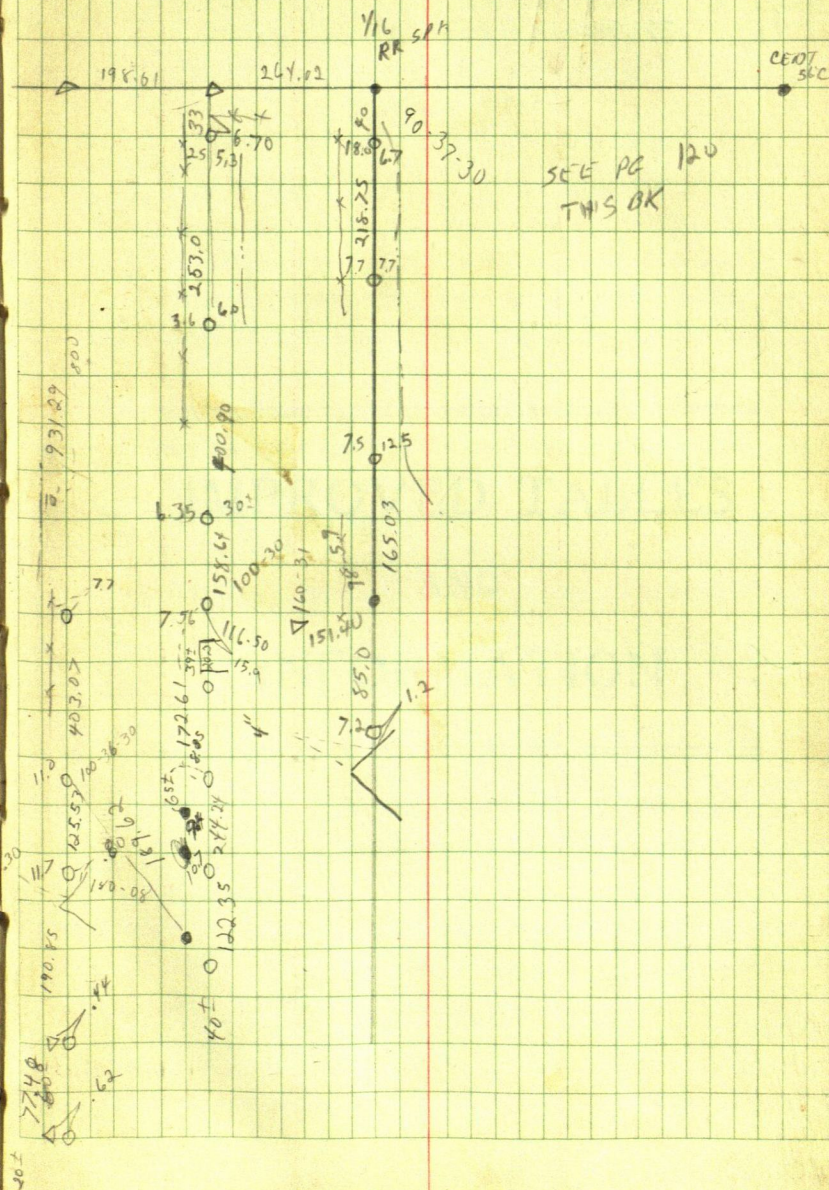
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244.24

100-36

201-13

100-36-30



39-13-50

78-25-20

39-12-40

39-12-40

78-24-40

39-12-20

$$\begin{array}{r} 290 \\ 180 \\ \hline 470 \end{array}$$

$$\begin{array}{r} 518.06 \\ 470 \\ \hline 48.06 \end{array}$$