

264

1181.4
165
1346.4
21
85.4

No 264

Pat. Book

Office Supply Co

81.22 June 1943



Standard Engineer's Field Book

Description

	Size	Rulings
No. 1307	7 $\frac{1}{4}$ x 4 $\frac{5}{8}$	"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.

Kronberg-
Jordan
Peterson
McDowell

1
This book N^o 264 belongs to
John W. Curo - Jenkins
Minnesota If lost, finder
please get in touch with
Curo - who will pay a reward
for the return of the book

Note: The book has no great
value only as a keepsake and
is of no value at all to any other
surveyor or person

Thank you

John W Curo
Jenkins Minn
Aug 24 - 1943

2

Index

Kronberg

Jordon

Peterson

McDowell

Brown & Gulick sec 29-137-28 20

Lot 2-Sec. 13-137-28 owned by
owner of Cross Lake sawmill 82-

4

137-28

August 25th 1943

Young rob Newton 13+ works
with me all day I try to call Ben
Knebel and Erick Kronberg from
Jenkins P.O. Ben no answer we

Drive East and back to Jenkins
Ice 25° at Lowson Wilahie to
Martha get glass jar Drive to Pegasus
Buttermilk 40° New can 89° Plumb bob
15° Lath and 1 1/4 x 1 1/4 8/22.

Drive N + E to Cor

29-30-31-32 137-28

Established by me ¹⁰ years ago

Book 215 Page 143

We find the 2" pipe called for

See old ties Pg 143-144 Bk 215

Old ties mostly here Old NEUSBT still here

New Ties

JP 8 S 57° 20' W 58.50

Scrub Jack Pine 10" N 75° 40' E 38.50

JP 5 S 17° 35' E 20.95

" 5 S 11° 32' E 37.4

Bl. T. robin full for just to-day

29-30-31-32-137-28

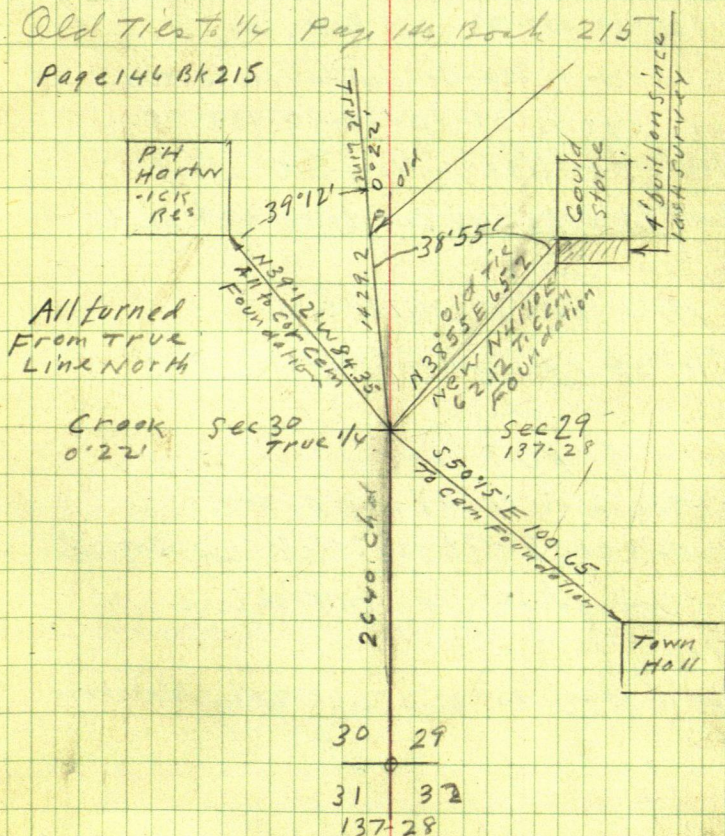
We set Red flag at line corner and
drive home to Jenkins. I give sub 9/1
4 Road going N x W. is 12 ft. W. a
road west is 12 ft. W.

Set Red flag Look for C

1/4 Bet 29-30-

Old Ties to 1/4 Pag 146 Book 215

Page 146 Bk 215



At 9 am

Aug 26-1943, pickup Norb Newton drive E
 Callon Mr Kronberg who goes in
 his car with car to 1/4 bet 28-29-137-28
 From Old Notes in Book
 Book 231 Pg 122-130

We find RR spike which I call True 1/4
 Bet 28-29-137-28 set lat flag

Drive N 1/2 mile set lat flag in
 True Cor to 19-20-29-30-137-28

Work on line on top of hill about
 600 ft N from 1/4 Cor Drive 60° spike
 on true line

Mr Kronberg cuts brush
 Starts to rain about noon - Work
 and I work alone

Old Spike POT

1429.2 Non true Line From
 1/4 Cor bet 29-30-137-28 we dig up
 old spike set lat flag on True Line

New ties:

7" JPR about 85° E 22.60 To Spoke at base

Sec 29-137-28 Old Notes

Book 231 Pg 122-130

Book 215 Pg 143

Book 237 Pg

Book Pg

Book Pg

8 Aug 27-43

pm

6. pm Pick up Norbert Nevelon 12 and drive
East. Find Mr Kronberg at little store
Take him East when he get his wife & car
and they follow us to 1/4 Cor E Sec 29
Norb and 7 Chain perfect

West on line of Sec 29-137-28 Ry 6-30

285. Blue marion hi log at Hornet Nest

+ $\frac{303}{588 \text{ pull up}} = 588.0$ Hat 60' spike in road corner

+ 12 = 600 pin 900 - 1200 pin + 11.85 =

1211.85 Hat 60' spike N side of C. road

Pull up 1211.85 - From 1200 ch w

West 1500. pin minus - 3.3 = 1496.7 Hat

Extreme N Shoulder 1500 + 9.5 =

1509.50 Hat 60' spike T pt

1800 pin - 40.8 =

1759.2 Hat 60' spike

1800 Hob Mr Kronberg cuts brush

I drive W to over 1/4 Ranch in the line

Norb flag - Set 3. Point 5

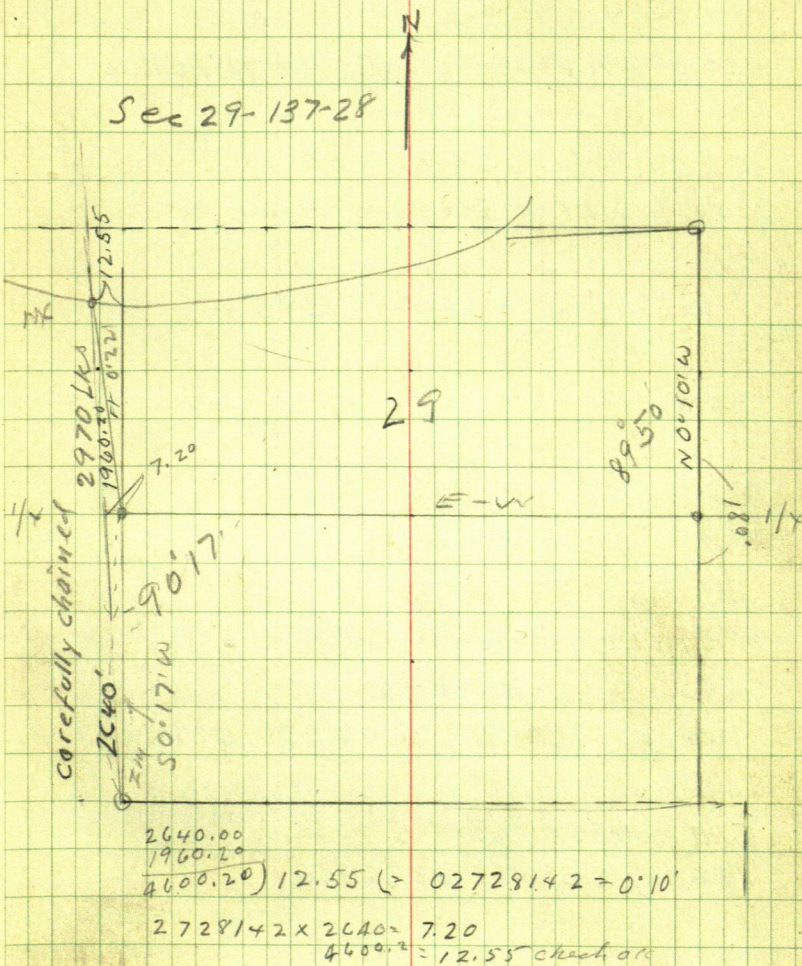
Quit 8.05 - 6.30 to 8. = 1. Hr 30'

I give Norb .50 in full for this Friday @ 30¢

$$0^{\circ}22' \text{ Tang} = 0.00400$$

$$1960.20 \times 0.00400 = 12.55 \text{ ft}$$

Sec 29-137-28



Aug 28-43 Plathing

6-PM I Lake Martha to Pine River Fair
West Ed

Aug 29-1943- 2-30 PM plathing

$\pi \approx 7/4$ W Side 29-137-28

South $0^{\circ}17'W$ 2640 ft. to Sec Co

$0^{\circ}17'$

Sine $004945 \times 2640 = 13.05$ west 26403

Co

Tang "

$$\begin{array}{r} 2640 \\ 1960.2 \\ \hline 46002 \end{array}$$

N $0^{\circ}22'W$ 1960.2

Tang = $006400 \times 1960.20 = 12.55$

So that sec cor is 13.05 W

N/C 1960.2 is 12.55 $\frac{12.55}{1.50}$ being

1.50 ft E in 4600.2 ft

$46002) 1.5 = 03260727 = 0^{\circ}11' + -$

$0^{\circ}17' = 4945 \times 1960 = 9.70$ ft

$4600) 22.25 = 4836956 =$

$$\begin{array}{r} 9.70 \\ 12.55 \\ \hline 22.25 \end{array}$$

Now try Page 12

1960
2640
4600

9.70
12.55
21.25

$4600 \div 21.25 = 4836956 = 0.17'$
 $4836956 \times 2640 = 12.77$

N 0° 22' W 1960.2
12.55
9.70

1960.20

N 0° 17' W

12.77

5242.4

5255.17

90.17

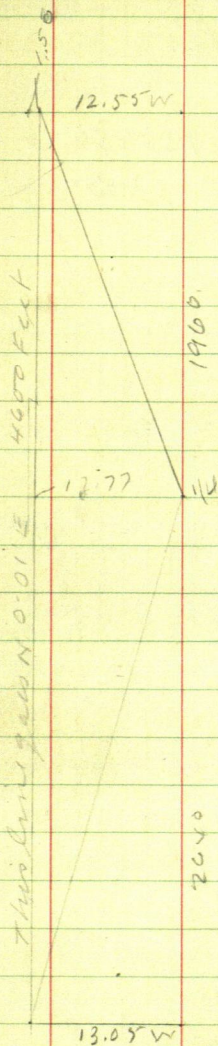
2640 S 0° 17' W
True Line

13.05 W

179° 50'

N 0° 10' W

12



$$\begin{array}{r} 1305 \\ 1255 \\ \hline 150 \end{array}$$

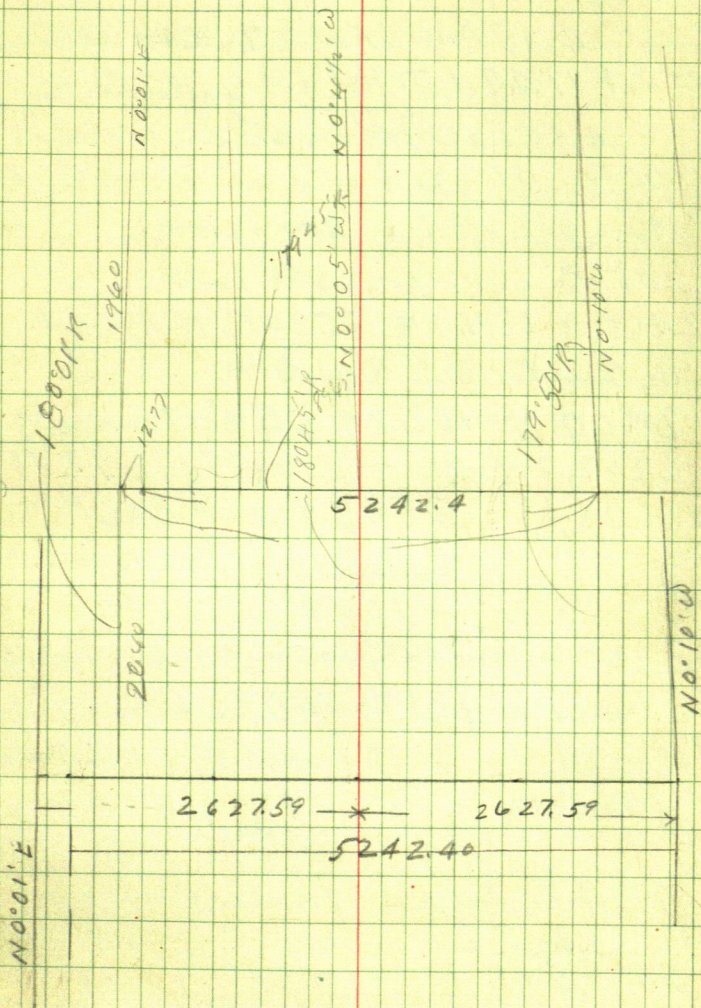
$$\begin{array}{r} 1305 \\ 1255 \\ \hline 155 \end{array}$$

$$\begin{array}{r} 1960 \\ 244 \\ \hline 4600 \end{array}$$

$$46 \times 115 = 3260869 = 0^{\circ} 1' +$$

$$0^{\circ} 01' \text{ Tang} = 291 \times 46 = 1.3411$$

Figuring



14

Aug 29. 43 Cold PM

4 PM Pick up Herb down E

At 4.15 PM From $\frac{1}{4}$ Cor cl
East 1144.1 T. Hat set yesterday

4.30 Lew Johnson and 2 men
slip - walk east and at 1800 w cl
Weston line line $300 = 2100 \text{ pin} + 300$

$2400 \text{ pin} + 100 = 2500 \text{ Lath}$

$2400 + 134.9 = 2534.9 \text{ Hat Nail}$

Q Ben Knehl Cow road

$2400. + 162.7 = 2562.7 \text{ pin} + 300$

$2862.7 \text{ Lath} + 300 + 2862.7 \text{ Lath}$

+ $\frac{18.6}{2881.3}$ 2881.3 Hat Nail

Q Ben Knehl Road

Runs NE + $18.7 = 2900. \text{ Lath} + 300$

$3200 + 300 = 3500 + 3 = 3800 + 108.5$

and $3908.5 + 189.8 = 4098.3 \text{ Hat}$

$\frac{189.8}{4098.3}$

$4098.3 \text{ Went To Hat 1144.10 E}$

$\frac{1}{4}$ Cor

$\frac{4098.3}{1144.1}$

$5242.4 \text{ Hat } \frac{1}{4} \text{ Cors}$

$5242.40 \text{ add for cross}$

$\frac{12.77}{5255.17}$

Correction

$$5255.17 \div 2 = 2627.59E$$

From Hub 2534.90 weh

W

92.7 To

2627.60 W

2881.30

2627.59

253.71

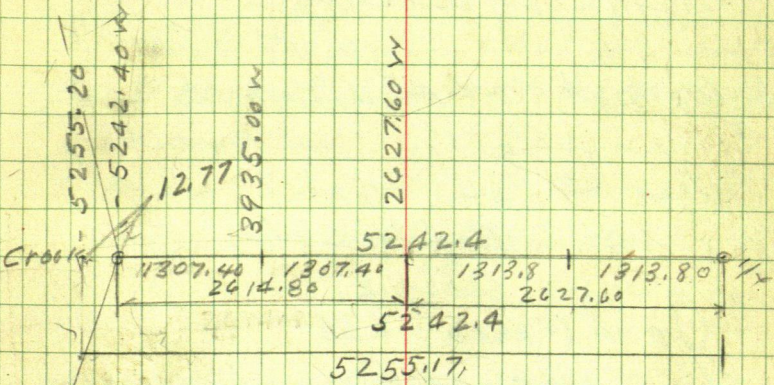
2627.60

1307.40

3935.00

1307.4

5242.40



(16)

From Hut in Ben Knebel's
Cow Road @ 2534.9 W. Ch W.

Went

92.7 T

2627.6 W True

Center of Sec 29-137-28

From Hut in Kronberg Road

3908.5 W Ch Went 26.50 T

3935.0 W To True

True 1/16 in Cen of West Half

3908.5

26.5

3935.0

We set 90° spikes at Ch. 2

Corner Callon W. Kronberg

Rec Ch \$35. vi.

From Pequot Lakes

Aug 28-43

Jack C. mo \$35.

Signed Arne Kronberg

Met Rev Jordan's Daughter

Balón Ruge La

Quit 8-30 Call it 4.14 30

for sale \$1.35 Pd Aug 30-43

Woke at 3 AM.
Dung to end morning

3 Hours
1 hour
wrote

(17)

August 30th 1943

I finish the big map for H L Prest-
-holdt

Mail map 1st class - ins - special
to Mpls Blue Printing Co with
two one dollar bills with instructions
to make 5 white prints Mail 2 to Mr
Pestholdt Mpls. Recd Oct 1.

James C. Jenkins

Cash 7th Nelson chrt Jenkins PO
Send P.O. \$25. to First Natl Bk Walker
pt in my car. Sent \$5 to.

to Harry Paddock on to rent Walker

About 4 PM pick up with Newton 12
line. Eat to over Hat 262760 W on
line as line Run $N 0^{\circ} 4\frac{1}{2}' W$

Nathan line & sec 29 137-28

Rev Jordan and his son Prof Jordan
with Mr. Kronberg cat line to

Jordan's quit at 6 PM and we go to 7

3 hrs for walk down to Jenkins get some
work help catwood 1 Hour = 4 Hours total

I pay cat cert³ 1³⁵ for yesterday work

18

Aug 31-1943 Tues

Met M. Dornell at Jenkins. Pick up
work newlin - Lake Martha's 15th sugar
out to Jenkins 8.50 as B. Find

Eric Kowberg cutting asculine
North on True & Dec 29-137-28

E & W assumed as East and
west were NO. 4 1/2 W

Hornets which sting Red Jordan
seem to be asleep - Cloudy - Cool

Nati: I met Lak Adamson & will
have to run my his the - R. Sunday

Sarah L. Corpenlin tract
his week

Also got a letter from Ernest
L. Lipke - Porcupine Camp - Backus
Guess I'll read it 9-35 AM

Mr Lipke wants me in Backus this week
Sure I'll go in 2 days

20 Lot 3-29-137-28-①

Floyd R. Brown

Star R + N^o 1 Pequot Lakes Minn
Abstract

N^o 57 Gould to Sundell

West 40 Rods Lat 3 Sec 29 137-28

N 60 Gould to Lyons

All except W 40 Rods

N^o 61 Lyons to Clarence E

Gulick and Delouis &

Gulick Lat 3 except

West 40 Rods

Abstract copied and returned
to Floyd Brown Feb 26-1948
JWC.

Clarence E Gulick

15 Maple Place

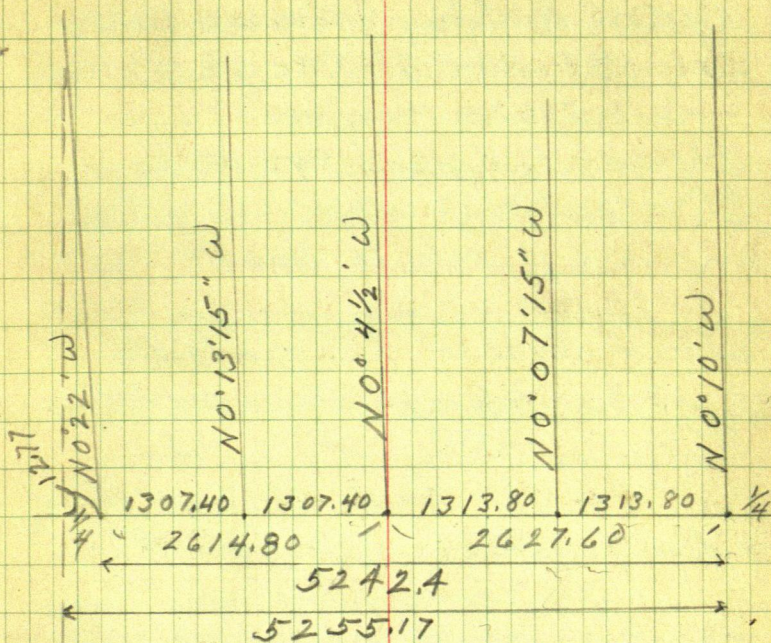
% Mrs. Dell Monegon

Mpls, Minn

Floyd Brown's Partner

Sec 29-137-2-28

21



22 Dec 29-137-28

May 19, 1948 Harold and Jack Curo
Harold's Car Lv. Trailer Ho
Jenkins 10-AM

Call on Godfrey Johnson Prop.
Sunset Knowl Pequot Lakes
Tel 78515 Pequot

St Paul Address 988 Argyle
St. Wants his west line which
is N.S. & of NW 1/4 Dec 29-137-28

He shows us an old fence
along his west line which he
says he hopes is almost on the
true west line of his land

Says he cannot pay for
a few months - about July 1948
and will look up his deed from
Kronberg which shows the
width of his tract

My 1946 contract with
Kronberg was for \$100, and as
Kronberg paid me \$35 on acct
Johnson gets his lines for the bal
due \$65.

John W Curo

Harold and I look up old
survey spikes along line E-W
§ Sec 29-137-28

Drive to Town Hall @ $\frac{1}{4}$ Cor
bit 29-30-137-28 then 80 rods
N and look for old spike
in § 33 ft top road

Be @ 1321 ft of $\frac{1}{4}$ Cor in line
Bill Parker fence running
west from which we chain
N 708.2 To

pt for old spike under N-S fence

Some ^{Poor} ^{Fool} has dug
up the spike but we find clear
cut hole where we drive small
iron ^{Pipe} ~~rod~~ $\frac{3}{4} \times 18$ " inch

after which our old bearing lines
check perfect

See Old Notes

BTS Stand viz

~~J.P. 847730 E 22.1~~

~~J.P. 1055230 N 39.9~~

24 Lloyd ⑤ Brown
we extend Sec Line about
110ft north and set 3 ft Birch
stake mkd $\frac{1}{2}$ Trip Road
and set stake each side 16.5
out mkd R of Way

Drive 80 rods S and dig
up pt for $\frac{1}{4}$ Cor Bet 29-30
via plat shown on page 5
This book 264.

29-137-28

6 May 19 1948 (25)

Brown + Gulick

Contract \$75.

1429.2 N

July 13-1948

Harold Cress and his Cor
 Lv Trailer Ho at Jenkins
 with JW @ Fly spark
 plug @ Peugeot buy $1\frac{1}{4}'' \times 6''$
 pickels 16 @ $\$1.68$ pd

10-30 at Peoria Store

@ Ideal Town Hall

Find RR spike True

 $\frac{1}{4}$ Cor Bet 29-30-137-28

Dune N. find Old 120d Spike
 1429.2 N

See Old Survey

Book 215 Pg 146

"

Pg

Warren - Knight X over old
 120d spike 1429.2 N True

11" Birch S $52^{\circ}15'E$ 52.318" JPN $77^{\circ}30'E$ 22.6114" JPS $50^{\circ}39'W$ 29.55

To old spot at base

28

2

From 1429.2 N Ch
North 232.3 To 1661.50
Point originally set for
Wit MC
Pg 146 Book 215.
Oct 17-1934

Notes To day Contd.

@ 100.05 - spike 60'

@ 232.3 set 60' spike where
we set a 2 x pipe 15 ft
So of low shore line where our
Old Wit MC 1661.50 N
of 1/4

Dinner at Peguot 70°

PM π over 1529.25 N

run 90° East 169.7 = 60 d

Spike near Bunch = Stal.

π @ Stal.

House:

NE Cor. N 19° 25' W 78.15

SE Cor N 27° 39' W 60.50

SW Cor N 39° 39' W = 72.4

18.2 x 20 On Comb/ks

Chimney N NW Cor 6' Pouch
on N end

Toilet

4x5

NW Cor N 56° 19' E 233.55

SW Cor N 62° 39' E 31.75

SE Cor N 66° E 36.45

Ho N° 2 To be moved

SE Cor N 51° 13' E 89.65

SW Cor N 41° 37' E 81.40

NW Cor N 36° 05' E 104.35

16.5x 24.0

6 ft Porch Full length

on N Side

4 x 2 1/2 ft Porch on E Side

On Cem Blacks

Chimney on west side

To be moved about 20' West

Ho N° 3, Main Bldg

so of road

SW Cor S 13° 45' E 151.35

NW Cor S 18° 27' E 108.7

SE Cor S 34° 49' E 123.9

West side 44.0

N Side 36.4

30

4

So end Main Ho 24.3

Then N 27.7

Then E 12,

Then N 16.3 To NE Cor

Full Cem Block
foundation

One Big Chimney in Cem
Cem Slips

NW Cor S 27° 36' 103.86

NE Cor S 31° 25' E 107.50

Pump S. of Road

S 22° 06' W 95.1 Cem Box

3 x 4 about

Trees

Cluster 3. Big Birch

N Side S 39° 29' W 66.30

One 7' Birch So Side

S 76° W 44.6

Cluster of 3 - 7' Birches

S $78^{\circ}05'W$ 78.8

Cluster 2, Big Birches joined
May be left in & new Road

S $75^{\circ}30'E$ 46.5 To &

joined at base

Two 10' Birch

May be left in & new Road

S $82^{\circ}48'E$ 38.7

S $80^{\circ}42'E$ 48.7 &

Both lean Heavy N

Cluster 3 Big Birches

S Birch N $83^{\circ}45'E$ 11.9

One 12" tree N of Present Road

S $82^{\circ}30'E$ 97.6 To &

& Roads

S $32^{\circ}33'W$ 300+- To TP of Main Road

S $31^{\circ}48'W$ 134

S $28^{\circ}40'W$ 96.4 / S $15^{\circ}47'E$ 64 N

S $16'E$ 48 S $82^{\circ}E$ 115

Stak. Run East 151.10 To Sta 2,

161.10

32

-6

Sta 2 is 60 d spikes in
East Edge of wheel track

July 18-1948 Sunday

4 P.M. Harold and his Car Lv Walker
A Jenkins Trailer Ho at dark. Cold
with Don and Ed who sleeps with
me in trailer Ho. Harold sleeps
in his car.

34 July 19-1948 Monday -8

up @ 6 Toast + coffee at

Pegvot 80° for 4.

Work all am for Pegvot Lakes Village
Book

Harold and Ed and Don go home
to Jenkins to eat I eat with

Green 85°

PM

Harold meets me in Pegvot - we
drive to Peoria Road

2 @ 2. Pegvot Take

Ice Ho

NW Cor S 50° 13' E 79.00

SW S 31° 21' E 67.60

SE S 28° 11' E 84.50

17.5 x 26.5 No cement

Shingled Cottage

NW Cor S 86° 50' E 90.0

SW Cor S 64° 20' E 72.1

SE Cor S 61° 55' E 83.8

12 x 36.3

2 West Pairs

Stone Pipe E. Side NW

Corn Block Corner

Pipe ~~Pump~~ Faucet
 S56°43'E 41.8

3rd Ho on Lake

SE Cor N124°8'E 114.1

SW " N4°03'E 107.0

NW " N1°14'E 126.3

20.3 x 18.0

Cen Blocks Stone pipe

4x4 Porch N side

porch 3x3 on E side steps

Ho N: 4

SE Cor N36°02'E 160.

SW " N32°02'E 145.4

NW " N25°44'E 159.8

22.15 + 18.05

Chimney NW Cor Small Porch E Sep
 N side vs Cen Block Foundation

Ladies Toilet

SE Cor N51°30'E 86.5

SW Cor N50°08'E 78.3

NW Cor N3 47°16'E 79.3

8.5 x 4.2

36 Screen Fish Ho 10

SW Cor N $84^{\circ}57'E$ 99.15

NW Cor N $80^{\circ}24'E$ 96.5

NE Cor N $79^{\circ}22'E$ 102.7

6 1/2 x 8 1/2 Don N side E ch

Ties

7" JP S ~~54²³35~~ W 38

6" JP S $53^{\circ}30'W$ 30.7

12" JP S $27^{\circ}51'W$ 15.3

6" Birch S $88^{\circ}51'W$ 34.95

10" Birch S $84^{\circ}37'W$ 29.40

5' Birch

8' Birch N $38W$ 15.0

Turn Birch 7 x 7 N $71^{\circ}45'E$ 24

JP 5 N $55^{\circ}19'E$ 55.25

Light Pole 10' N $54^{\circ}25'E$ 79.

Check On 12" JP. S $79^{\circ}06'$
W 65.8

Road 2

North 5'

N 65.06 E 100 Forks

Ties to Sta 2

10" Birch N $19^{\circ}38'E$ 43.9

7" Oak N $84^{\circ}16'E$ 41.9

N 53° 30' E 191.8 To Sta (3)

X on Sta 3 = 60' spike

So edge of road on track

BS S 53° 30' W on Sta 2

Ho No 5.

SE Cor N 5° 20' W 53.2 16° 30' W

SW " N 34° 31' W 42.7

NW " N 37° 19' W 60.8

18.3 X 36.5

Chimney in Center

No Cement Door on So Side

This is the last Ho on that Shore

Ho No 6.

SW Cor N 80° 10' E 49.7

NW " N 58° 49' E 44.5

NE " N 52° 33' E 70.4

26.2 X 18.2

Chimney NW Cor

Door West end

Door + small porch East end

No Cem Cem Blocks

38 Ho N: 7 12

SE^{cor} S 45° 55' E 96.00

NW S 49° 33' E 78.90

NW^{cor} S 63° 11' E 88.90

22.2 X 18.2

Chimney N Side Door So
End. Door and small porch
on end On Cem blocks
Sold

Pump Ho

NW Cor S 35° 47' W 40.6

NW " S 29° 48' W 24.7

SE " S 7° W 30.3

16.2 X 12.2 No Stone on Cem

To be moved for road

Foot Bridge & Stadia 4'

So End N 27° E 158 ^{27° 14'}

& 10 ft Channel

N 19° 33' E 210'

N end N ^{14° 33' E} 9° 31' E 280 on Is 1-

on Island

Ties

July 19-1948 13

39

Light Pole

6" N 38° 11' E 48.80

6" S 62° 52' W 32.4

10" JPN 21° 0' E 81.

10 " N 10° 40' E 50

Ties To Sta 3

JP 10 - S 72° 35' E 33.80

NP 9 S 51° 47' W 62.35

Quit 5.55 P.M.

40 July 20-1948 14 -

Cloudy 9 A.M. at Peoria
Resort with Don and E. J.

Knight π over 600

@ Wit M.C. 1661.50 N Pg 28

Ties

16" VP S39°24'E 29.98

9" VP S67°35'W 25.9

Spot at base Turned from
true S. or line, So

Take Lake Shore

So S. id of Bay

N 15

Run S82°33'E 161.00 To pt

19 ft E of 2 ft wall

Bank 6' L water 10 L Low Shore

= Sta 4 =

π still @ Wit M.C.

So Shore of Bay Beans

N 21° N 38 N 28° 21'E (6) 585

⑦ N 29° 3.2'E = 615

5 N 62° 01'E

A Water edge, West edge, 2 ft dock
Bank 4' R $N 87^{\circ} 19' E 242$

B Water Bank 8' R $N 83^{\circ} 24' E 309$

R

C. Water edge w Side 2" walk
Shore 8' R $N 83^{\circ} 14' E 340$

D. Water edge, w side 2 ft walk
Shore 6' R $N 80^{\circ} 25' E 410$

$N 78^{\circ} E 450$

E Water edge Pt of grass Bank 12' R $N 76^{\circ} 09' E 561$

F Water 12 ft W of Foot Bridge
Shore 4' R $N 72^{\circ} 51' E 585$

$N 72^{\circ} 51' E 585$

G. S. Edge of Channel 590 ft
standing on Foot Bridge

H. N edge of Channel $N 71^{\circ} 36' E 590$

I edge of pan E End of map on
 $N 67^{\circ} 08' E 588$

$N 63^{\circ} 30' E 578$

42

16

640

Sta 5 Bear N $62^{\circ}01'E$ 645

N $60^{\circ}02'E$ 542

J. Water Shore NE $10'$

N $57^{\circ}22'E$ 510

K Rat Run Bank $6' N$

N $54^{\circ}44'E$ 383

L On Pt 20 ft So of Bank

N $46^{\circ}27'E$ 370

M Water $12'$ SW of Bank

N $35^{\circ}52'E$ 422

N Water $6'$ W of W End of Island

N $31^{\circ}37'E$ 515

O. Sta 6 N $28^{\circ}21'E$ 585
N 588

⑦ N $29^{\circ}32'E$ 615 612

N $26^{\circ}23'E$ 585

'O' At Water Bank N $3'$ E $3'$

East end narrow point

running W & SW 100 ft

Rocky shore on main lake

$15'$ North

P. @ 10 ft ridge N23°E 360
N22°E 490

Q. S Edge 20 ft sand flat
N1930E 470

R. on SW Cn 25 ft sand flat

Call Harold over

A @ Stab

Test. 7. BS S 29°32' W on mc

Sta (R) on Point bear
S 58°13' W 170 T. Check
A stay at 7. Rocky shore at water
N 77° W 30.

E NE 6 ft. water

Sand flat at foot of hill N end
Island bear S 21° W 60

Take W at shore lake

Run S 68°06' E 115 at water
3 ft gravel sho.

Foot big hill 3' R

44

18

π still at 7 Ht cut bank

S 53° 30' E - 100 To 150

Ht. Says he can sell
4 cabins for \$15,000.00

Home to dinner @ Trailer Ht. Jenkins
PM

Too hot to work

π @ 5. Take Island

July 21-1948

Heavy rain last night
Ed sick in trailer etc

Mist and rain all AM
PM

1-30 at Peoria Resort

still cloudy

Pg 37

π @ Sta 3, BS-S $53^{\circ}30'W$ on 2

Run S $3^{\circ}20'E$ 167.7 To Sta (8)

Sta 3 Run $\& N 85^{\circ}01'E$ 134.2
To Sta (9) on sand 5 ft W of water

π @ Sta (5) on sand

BS S $14^{\circ}W$ on Sta 3.

N $32^{\circ}W$ 100 +- To water

North 18 ft water's edge

East 12 "

S $52^{\circ}40''$ " "

S $27^{\circ}E$ 60 134

S $3^{\circ}40'W$ 103.0 To N edge

Canyon E Side 4' walk

S $10^{\circ}35'W$ 49.1 to N end 4' walk

N $42^{\circ}35'W$ 150 To Top of Cut Blk

25 +- ft

Line pole S $43^{\circ}W$

46

20

S 43° W To 46' Light pole 56.0

S 88° 30' W 80 To NE Cor
of water 14° W 90 To water

S 43° W 48 To water

Ho on Island

NE Cor N 54° 45' W 210 Rm 24

SE N 59° 40' W 186

24.5 x 16.4 on wood

Blocks

NE N 54° W 210

SE N 54° 45' W 186

N 59° 40' W

16.4 x 24.5 on wood

Blocks

10" Tile Chimney

33 ft W of Top of the cut

Bank Ho No 10

24 July 21-1948 47

N^o 8 sold was sold ^{contd}

A. G. M.

M. JONES A. G.

699 Grand Ave St Paul

Row Sta 9.

BS on Sta 3

Take water edge

So Side Canal on E side 4' W

N 18° 51' W 190

N 18° 30' E 20.

48

821
T on X BS on 3

Turret NE Cor N 30° 56' W 95.9

SE Cor N 31° 29' W 87.4

SW C 34° 08' W 87.95 4 x 8.6

14

Pine

12" NP N 26° 20' W 75.8

6" NP N 28° 53' W 57.1

15" NP N 66° 40' W 9.0

Turret SW 4 x 8

House N 8

NW Cor N 26° 11' E 55.6

SW 1 N 44° 08' E 32.95

SE Cor N 62° 25' E 48.4

Main Ho 20.1 x 26.2

New Porch on E Side

8.2 x 26.2 Roofed

On Cen Block

Chimney NE Cor

North

Ho No 9.

NW Cor S 56° 26' E 83.05

^{West}
SE S 42° 37' E 77.6SE⁵⁰ S 40° 59' E 95.7

18.4 x 20.1

On Cen Block

Chimney N Side

Don on small step on E side of

XP 11 S 5° E 25

JP 10 S 3° 30' E 40.6

NP 10 S 0° 00' E 43.7

NP 10 S 2° 51' W 53.2 & R

NP 9 S 16° 34' W 55.3 W side R

NP 10 S 22° 24' W 50.4 W side

side of road

Gordon E. & Alvina S.
Greenwood

Greenwood Acres

From

Toilet 4x8

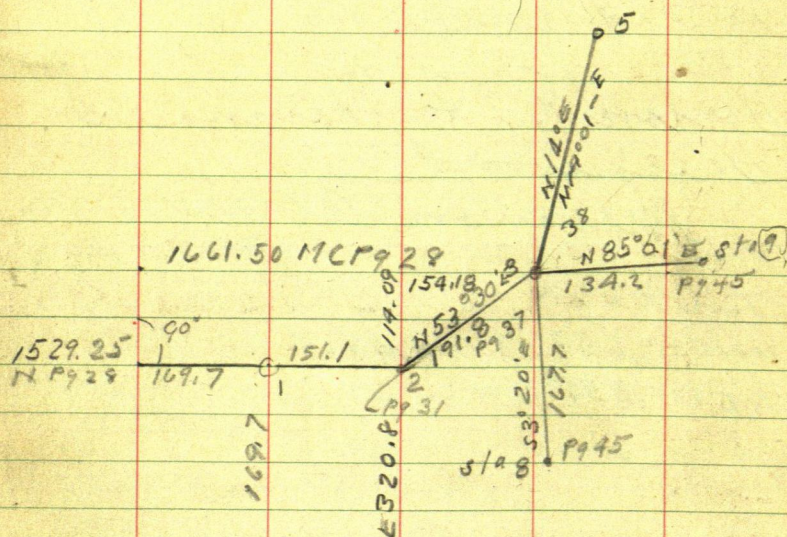
NW Cor S 57° 54' W 43.65

NE Cor S 55° 21' W 40.

SE " S 46° W 44.65

N.

24



1429.2

Ties Pg 27 This Book

Few

xxx x x x . 1321 15

○ $\frac{1}{4}$ Bet 29-30-137-28

25

24

51

N 53°30' E 191.8

Sine 5948.23 x 191.8 = 114.09 N

CO 803857 x 191.8 = 154.18 E

N 85°01' E 134.2

086866 x 134.2 = 11.56 N

996220 x 134.2 = 191.07 E

Post 9 BS S 85°01' W on S1-3 Station
 Shore line of bridge S. side Channel

N 18°51' W 190

N 18°30' E 20'

S 0°45' E 100

S 4°20' W 172

South 191.0

S 16°47' E 259

S 10°16' E 234.0 IM 2 1/2

52

25

July 24 1949 PM

To St 3 BS. S3°20'E on St 2

Check on St 9 N85°01'E OK

Flag on St 5 on SE Cor Island

N14°E Run 14°01'E

S. end of 4 ft Walk Bridge

Over Canal

S. End N27°04'E

N End N14°33'E

From St 3, Run

N29°05'E 145. 60 d spt St. 10

To @ 10 BS S29°05'W on St 3. OK

Take 4 ft foot Bridge

So end N0°39'W 10.3 To First plank

N End N0°21'W 143.8

N Side of Channel W. Side Bridge

N 1°46'W 78.1

So Side Channel N2°W 65.6

N. Side Channel E Side Bridge

N 1°19'E 81.3 To 100

So Side of Bridge N1°35'E 66.8

St 5 Beers N 2°36'E 191.1

T still at Sta 10 ²⁷/₂₆

53

Take N. Side of Bay

N 8° 19' W 80 T. 112. N 14° 35' W 149.

N 22° 23' W 190. N 38° 44' W 212

N 65° 25' W 268. on Point

Take So Side of Bay

N 20° 30' W 281 S 84° 21' W 100

Quit at dusk

Mr and Mrs Marerie S. Dahl

(28) Sec 29-137-28

54 Greenwood Acres

Monday 16 1948)

J.W.C. Takes plat of Greenwood
acres to Brainerd on Bus

Don & I Lv Jenkins @ 8-20
drive to Greenwood Acres in
Sec. 29-137-28

Glen Shaw comes @ 8-45?

we set I.M.s at the lot corner
and street angles @ 11-45 Roy
Hauge comes for Glen as we
do not finish Glen will be back
in P.M.

Travel angle point of street in lot
11 site N on stake line Turn R
61°30' Transit Telem and run SW
37.55 and set I.M. for a.p. of street
and got to dinner

Don & I eat in Jenkins 1:20

P.M.

Don & I back to Greenwood
Acres To finish driving I.M.s.
Glen arrives @ 1-30 finish @
2-45 P.M.

60. Sec. 23-137-28 ①

Aug. 12 - 1948

J.W.C., Don, and I & Walker
drive to Jenkins. Stop at Trailer Ho.
(Ed. Timmerberg.) ? calls we tell
him we will start his work
right away Sid Guarn Calls
P.M.

J.W.C., Don, & I drive to
Sec. 23-137-28 to look up
Leverings corners.

We find I.M. on lake shore
one is Leverings cor to E $\frac{1}{2}$
Lot 2 The other NW cor of addition
50 ft he got later

We find 2x IM at Levering
SW cor ^{Not road} of E $\frac{1}{2}$ Lot 2 do not
find SW cor of his 50 ft tract
Don & I walk over N & S $\frac{1}{2}$ of
lot 2 find 60 ft spike hub.

drive to Trailer Ho @ Jenkins
LV J.W.C. and Don & I drive
To Sec 16-136-29 to get Robinson
to help he says he will be
along in the morning

Harold Curo

Sec 23-137-28 ②

61

Aug. Friday the 13-1948

N. Robinson comes in his truck @ 7-30 have coffee. We leave Trail Ho. in my car @ 8. AM.

Norman Robinson - Don and I We drive to N+S & Lot 2 137-28 and open up old cut out line

Over 60° spike 468.7 see Page 61 Book 231 it says 468.3 BS so on IM on bank. No road Turn 90° hit big Nor. Pine so chain on North @ 750 N

We find old hub = 60° spike

Over 750 N BS on 468.7 Turn 90° R and run West 350 ft set 60° spike

Ties to spike 750 on & Lot 2

S.P. 12 N 23° 33' W 32.25' spot at base

" " 18 S 2° 50' W 66.48

Over 60° spike Hub BS, E on hub 750 Turn 90° L and run North cut line until Noon drive to Jenkins farm Harold Curo

62. Sec 23-137-28⁽³⁾

Friday 13th Continued
dinner at Dwights Lunch
Jwc pays
Don stays with J.W.C.
P M

Norman Robinson + I
drive to Sec 23-137-28
and continue line 350ft
W of $\frac{1}{2}$ Lot 2 - Sec 23-137-28
North hit cabin on
Lake set 60 $\frac{1}{2}$ spike
and run N 69° 40' E 372.4
to IM on N + S $\frac{1}{2}$ Lot 2 - Sec 23 -

N 69° 40' E = E 20° 20' N

Sum

Cosine $937687 \times 372.4 = 349.1946388$

$350 - 349.1946388 = .805$ short

We set a 60 $\frac{1}{2}$ spike West .805
to point 350ft W of IM on N end
of N + S $\frac{1}{2}$ Lot 2 Sec 23-137-28

We go back south to where we
came West from 750 spike on N + S $\frac{1}{2}$
lot. 2 and check chain this distance 350
find it .15 short so set a spike 60 $\frac{1}{2}$ hub
.15 west for true line.

Harold Curo

Sec. 23-137-28 (4)

63

Friday 13-1948 Cont'd

Work π on line between these to end points and set 60¢ spikes with short stakes to show location of same. Norman sets a 60¢ spike on true line about $1\frac{1}{2}$ feet S of cabin and comes S setting spikes every 33 steps \pm sets a 60¢ spike in ϕ of road

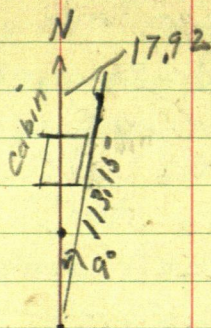
We quit @ 6-15 = 9 hr.

This line is just 350 ft west of the N + S ϕ of lot 2 - Section 23-137-28 and hits the S end of West cabin almost center

Norman has to go to City & will not be back before Monday night or later

J.W.C. at Trailer Ho. in Jitkens all day.

Harold, Curo.



Tower 60' spike 50ft + - S
of 7th Cabin Turn R 9°

113.15 ft to 60' spike

Tower back 113.15 135 S 9° W

and run W

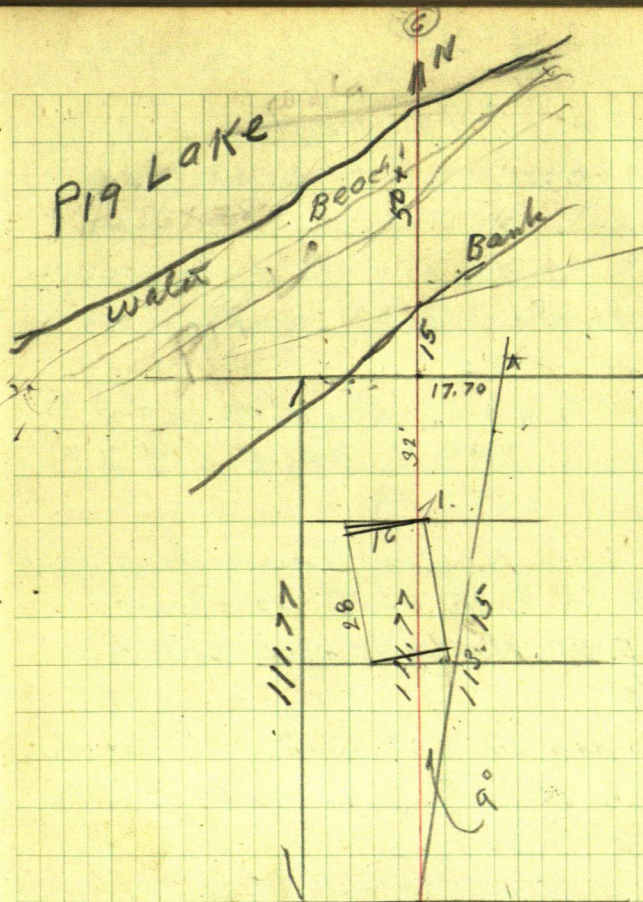
line . ft to true

N 9° E

$$\text{Sine } .156434 \times 113.15 = 17.70$$

$$\text{Cosine } .987688 \times 113.15 = 111.77$$

$$\text{Tang. } 15.8384 \times 111.77 = 17.70$$



H0 16x28

True Line
North 4-

Buhil
Ignotius
Rose

66 Sec 23-137-28 Ed. Turnberg

Aug 20-1948 Friday

Norman Robinson comes
to Jenkins @ 8 + leaves Truck
goes with Don & I in my car
drive to Sec 23 - on Pig Lake
arrive @ 8-30

beg. @ hub-60° spike at @ 90°
W of hub 750 N on E Lot 2
Sec 23-137-28

We chain N on Turnberg line
350 ft W of N & S E Lot 2.

@ 165.65 N-60° spike in E
road.

@ 300 pin @ 301.5 N 60° spike hub

@ 399.6 N 60° spike Hub.

@ 497.2 N 60° " "

@ 595.2 N 60° " "

@ 600 pin

@ 693.3 N 60° spike Hub

@ 792.3 N 60° " "

@ 900 N pin

900 - 8.7 = 891.3 N 60° spike Hub

@ 989.8 N 60° spike -

@ 1085.35 N 60° spike Hub

@ 1133.9 N 60° " " 1 1/2 S of

Sec. 23-137-28 ⁸ Ed. Turnberg ⁶⁷

cabin

$$10835.35 + 111.77 = 1197.12$$

spike Hub pt for I.M. Turnberg E. line
see page 65 This book 264

18 ft from Brink 50 from water

Tower over hub 989.8 N

Site S on 00 and Turn R 90°
and run West 100 ft at 60°
spike Hub.

Tower 100 ft hub site E Turn L 90°
run N @ 99.2 spike hub pt I.M.
4 ft from Brink

continue N at 60° spike @ 194.8 on
sand beach 2 ft from water

We can not run S as we hit
12" J.P. 4 ft S of T.

Tower hub 2 ft S of water take
shade of water line

N 50° 45' E 150 + -

S 50° 45' W 48 ft to water edge

S 33° W 60 " " "

165 S 35° W 380 S 49° 15' W

230 S 35° 15' W 478 S 52° 30' W

315 S 43° 30' W 570 S 53° W

68 Sec 23-13727 ⑨ Ed. Turnberg
Aug 20, 1948 Continued
815° S 55° 40' W
105° 0 S 60° W
1110 S 63° 40' W

Rains hard quit and go in
back at car 11-15

drive to Jen Kim's

Norman Takes his Truck
and goes home West side
Lake Sebby Don + Intay
at Trailer house until
almost 8 o'clock waiting
for Roy Henge as he does
not show up I call his
place He is gone with a
load of barley and will
not be back until late

I get Trailer tire from
Portner 1.75 and Don +
I LV for Walker

Harold Cure

Lot 2-3 10
Sec 23/37-28 Ed. Turnberg 69

Sat in Walker Aug 21
dog bites John age 3
breaks collar bone

Sunday Aug 22 - 1948

in Walker

car goes haywire 8 o'clock PM

70 ① Lot 2 Sec 23-137-28

Ed. Turnberg

Aug 23-1948 Monday

I go call Glen Miller
about 7 am To go with me
in his car

send him back to get Elworth
to go along

load Tools in Glen's
Car. J.W.C. Elworth Glen
& I stop at Garage have
Bill send man after my car
No mail get field book at
Court house

J.W.C. gives Glen \$2.00 for
gas drive to Pine River
see Pam Lum

drive to Jenkins no mail

" To Requet Call Houge
Nelson & Greenwood

Houge has check ready
Nelson " " "

Greenwood will pay after
labor day

drive to Houge get check

drive to Lot 2 Sec. 23-137

28. Elworth & I stay & start

Lot 2 - Sec 23-137-28

(12) 71

Ed. Turnberg

Worth on Ed. Turnbergs plat
J.W.C. + Glenn Miller go
in Glenns Car. To chain of
Lakes To get check from
Nelson

Elsworth + I.

Tower hub 693.3 page 66 Bk 264

BSS on hub 00 " 66 " "

and run S $66^{\circ}30'$ W N side of
street @ 189.04 spike hub @ 218.08
spike hub @ 327.12 spike hub

Tower 327.12 BSS N $66^{\circ}30'$ E and
run N To lake

W + K T goes haywire
quit go to Walker

Aug 25 - 1948

Work A.M. on Kinball Lake

Dinner @ Jenkins

\$ 2.90

P.M.

Drive to Pig Lake area
@ 1 P.M.

Tower 327.12 BS N66°30'E
and run North ^{bet 3-4} @ 300 pin
@ 360.5 60° spike pt. for IM
12 ft to Bank 30 to water

Tower Hub 218.08 BS N66°30'E
and run North bet lbs 2-3
@ 300 spike hub @ 367 - 60°
spike Hub pt for IM bet 2-3
18 ft from Bank 60 ft from water

Tower 436.16 BS N66°30'E
run North between 4-5
364.4 at 60° spike pt for IM
10 ft from Bank 40 ft from water
Bank 15 ft hi

14 Ed Turnberg 73
Lot 2- Sec 23-137-28

Aug 25-1948

Tower 545.20 B.S. N 66°30'
and run North bet. 5-6.

@ 352.6 spike 60 ft pt for I.M.
8 ft from Brink 25 ft from water
Bank 15 ft Ht

Ed. Turnberg comes out
We go over our lines and
show him the spikes at
the lot corners

quit @ 6

1 to 6 = 5 hr

I give Norman \$20.00

Aug 26 - 1948

1 AM Talk to J.W.C.

at Train on his way to
St. Paul

Up @ 630. Norman arrives
@ 7-45 have a cup of coffee
Dwight come at 8 wants
line run We talk I tell
him to night

Norman Don & I drive
To pig lake

Tower Hub 00 - C750 N of Tar road

We run South on Ed. Tumberg
East line start @ 830

From 00 chain South on
Eds. East line

@ 134.25 spike Hub + 300 =

434.25 pin + 81.15 =

515.40 spike Hub

434.25 + 300 = 734.25 pin

on N edge of Tar road + 15.75 =

750 at 60° spike on S edge of
Tar road.

Quit for Dinner 11-30
dinner @ Jem Kins

Aug 26-1945

P.M.

dinner in Jenkins 3.75-

Lr @ 1-30 drive back to Pig Lake

Tover 60.9 spik 109.04 on N side
Street B.S. N 66°30'E on St. 117°
and run N bet Lots 1-2

@ 340 spik + 99.2 = 439.2

rt for IM bet - 1-2 on 4 ft from
brink 95 ft from water

flat sandy beach bank 3 ft high

Tover 654.24 BS N 66°30'E
and run N between lots

6-7 @ 332.3 spik rt for IM.

30 ft from Brink 60 ft from water

7 hr for Norman Robinson

76 Aug 27-
in Jenkins
cave

Aug 28
Goto Walker
Work on Eds Plat

Aug 29 Sunday
Work on Plat @ Walker

Lot 2-3 - Sec 23-137-28

77

Aug 30 1948 Monday

J.W.C. Don + I Lu Walker drive
to Jenkins Then out to

Sec 23-137-28

@ $\frac{1}{4}$ bet Secs 22-23 we
dig up I.M. see book 231 Pg. 52
set flag @ $\frac{1}{4}$ and chain E
along Tar road on E & W $\frac{1}{2}$ Sec 23

@ 1334.37 pt for W $\frac{1}{4}$ Cor

@ 2668.74 " " center of sec.

@ 4003.11 we set @ 60' spike
for True E $\frac{1}{4}$ Cor center of E $\frac{1}{2}$

Sec 23-137-28 From old B.T.

see page

Book 231

rechain

chain West @ 1334.37 + 759.37

@ 2093.74 W set P.R. spike on
E & W $\frac{1}{2}$ in Tar road for Ed.

Turnberg SW Cor

quit Too dark to see

Tues Aug 31-1948

JWC - Don - Norman Robinson +
I Lu Jenkins drive to Sec. 23
arrive @ 8 o'clock

Turn RR spike 1909.37 E
from $\frac{1}{4}$ I.M. bet Sec 22-23
Ed Turnbergs S W Cor
run N. $0^{\circ}06\frac{3}{4}'$ W. on Eds
True West line

Ties to Eds Turnberg SW Cor
1909.37 E of $\frac{1}{4}$ bet 22-23
RR spike S 6 ft from E Turn road
This

Oak 7 N $20^{\circ}33'E$ 40.85

Birch 8 N $29^{\circ}42'W$ 72.75

To spot at Base

E & W $\frac{1}{2}$ as True E & W

N $0^{\circ}06\frac{3}{4}'W$ @ 50 spike
pt for I.M.

Norman cuts line N
JWC & I chain E 759.37

N on Ed W line @ 50 IM
 @ 101.05 = 60 ft spike in W $\frac{1}{2}$ of
 7" green J.P. stump
 @ 55.2 SE cor of fence is west
 10.6

@ 300 spike on line @ 452 cross old
 road. @ 600 spike hub Fence
 is 14.5 West of our line

@ 900 spike on line

@ 1200 stake @ 1160 cross old
 road SE NW almost E

@ about 1250 spike hub double center
 2 in spread in 600 ft

quit @ Noon 90 to Pegmat for
 dinner @ 4.00 JWC Pays

P.M.

Norman & I chain the N
 $\frac{1}{2}$ mile E ridge 10-136-29
 From I.M. NE cor 10 in gravel
 pit S along Tar road to old
 Fence going E at foot of big hill
 Temp $\frac{1}{4}$ bet. 10-11-136-29

Norman 9 hr.

80 Lot 2-3 Sec 23-137-28

Aug 3-1948 Friday

as Norman has not showed
up @ 9-30 we drive to his
place and get him. Then
drive to Sec. 23-137-28
Arrive @ 10-30

Turn SW cor lot 6
run $S 66^{\circ}30' W$ along
N side 66 ft street
set 60' spike @ 109.04 for SW
cor lot 7

Turn SW cor lot 7 B.S. $N 66^{\circ}30' E$
and run North bet lots
7 & 8 @ 315.4 set 60' spike
for NW cor lot 7 on high bank
18 ft S of Brink and 40 ft from
water edge.

Still @ SW cor of 7 run
 $S 66^{\circ}30' W$ 109.04 to SW cor
lot 8

Turn SW cor lot 8 B.S. $N 66^{\circ}30' E$
on N side of road and run
North bet lots 8-9
@ 301.5 set 60' spike for NW
cor lot 8 - 12 ft S of Brink

40.5 of water

T still at SW cor lot 8 run $S66^{\circ}30'$
W 109.04 to SW cor lot 9

Turn SW cor lot 9 BS $N66^{\circ}30'E$
along N edge of road street
and run

North bet lots 9-10 @ 306.5
at 60° spike for NW cor lot
9 on 8 ft high bank 8 ft S of bank
40.5 of water

Note! SW cor of 9 is
26 ft W of old road and
22 " S " "

T @ SW cor run $S66^{\circ}30'W$
152.66 to SW cor lot 10 bet 10+5 ft
Turn SW cor lot 10 run

North bet lot 10 & street
@ 15-9 & old road

@ 346 at 60° spike for NW cor
lot 10 on low flat bank
90 ft from water

T still @ SW cor lot 10 run
 $S66^{\circ}30'W$ 36.9 to 60° spike
@ intersection of lot line &

Ed. Tumbergs West line
 π over Hub 60' spike on
 Eds. W. line 1230 N about
 of Ed. Tumbergs SW Cor
 see page 79 this book
 From hub 900 N we
 chain N 69.5 = 969.5
 to 60' spike @ intersection
 of N side of road + Eds. W. line
 From 1200 stake we chain
 N @ 42.4 = 1242.4 spike
 but under π 9.7 E of N45
 wire fence. Continue
 North on Tumbergs West line
 1242.4 + 124 = 1366.4 set
 60' spike Hub 10 ft E of Fence
 Point for I.M. Eds. NW Cor.
 @ 1435.9 Water edge 10.8 E
 of Fence

π over intersection spike
 Eds. W line & N line of Street
 or road 969.5 N of Eds SW Cor
 read angle of W line & N line of

street NE angl $66^{\circ}23'$
quit @ 4 o'clock

84

396.8

346

306.5

301.3

313.4

332.3

352.6

364.4

360.3

367

439.2

503.82

108.04

1443.3

1371.39

66°30'

152.66

109.24

96.95

71.91

897.53

66

66

66

759.37

317.19

1076.56

road

Lot 2

Lot 3

66

Date ?

I get a letter from owner of Cross Lake Sawmill saying he has a job for me.

Hert and I drive to Cross Lake find that the property he wants surveyed. is on Whitefish lake he gives me copy of description from Don D. Lundrigan - Snow to deep to do anything now and his son has some property on N. end of Rush lake - 138-27 which he wants platted and will send description to me at Walker later

drive back to Walker.

check old Notes in book 230 and Copy description of the property
Copy.

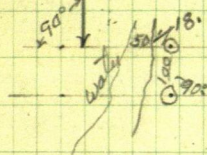
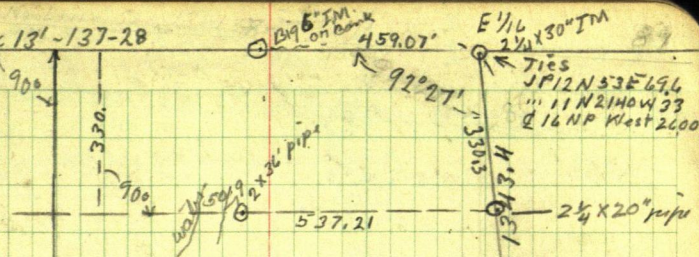
All that part of Gov't lot 2 Sec 13 137-28 lying South of a line drawn East and West and 2163 ft South of the North Section line of said Sec. 13 extended and parallel therewith and more fully described as follows to-wit:

Beginning at a point on the east Shore of Whitefish lake 2163.00

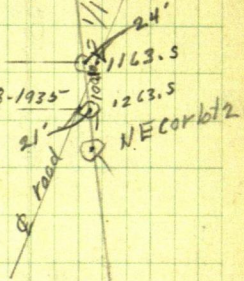
feet South of the North Boundary line of said Sec. 13. extended thence East parallel with the North Sec. line of said Sec. 13. a distance of 1220 feet more or less to the East Boundary line of said Gov't Lot 2: thence Southwly a distance of 517.00 feet more or less to the Southeast corner of said Gov't Lot 2: thence Westerly along the South Boundary of said Gov't Lot 2 a distance of 1513.00 feet more or less to the Shore of Whitefish Lake: thence North easterly along the shore of Whitefish Lake to the place of beginning. containing 16.81 acres \pm according to the Survey thereof. The North Section line of said Sec. 13 is considered a true E & W line in this description. Subject however to the right of way of the Silver Peak Road and the right of way of the Harbor lane Road extended where the said roads are now located subject to flowage and mineral rights as recorded.

Taken from old Notes Book 230

N 1/4 Sec 13' - 137-28



8414
Carl C. Smith Nov 28-1935



1343.4

SE Cor
Lot 2

90

Sec 18

Taken from old Notes Book
 411 / 26 road 230

1/4

150' old main road NESW

2222.9

368.8

Tris to hub 2391.7
 1st stump 220.75' 4.7 N 1/2
 2nd " 104-520' W 1/2 43
 " 121- N 60° E 30.3

2591.7 hub
 1/2 x 12" Sp. spike

700W N edge old main road

2731.1 hub
 1/2 x 12" Sp. spike

807.6 wood hub in E road

2837.7 picket
 on beach
 water 10 ft

913.1 hub, 14 ft S of E road

1163.5 E old road N 1/2
 65 ft S of road 1/4 W

E-W & Sec. 13

1623.9 hub

1797.4 hub in d. s. river
 Peak Public Road

1832 hub 10' from water

227.15
 226.6
 226.4
 226.1

295.4

2127.4 flap over pond

2222.9 hub 1/2 x 12" Sp. spike

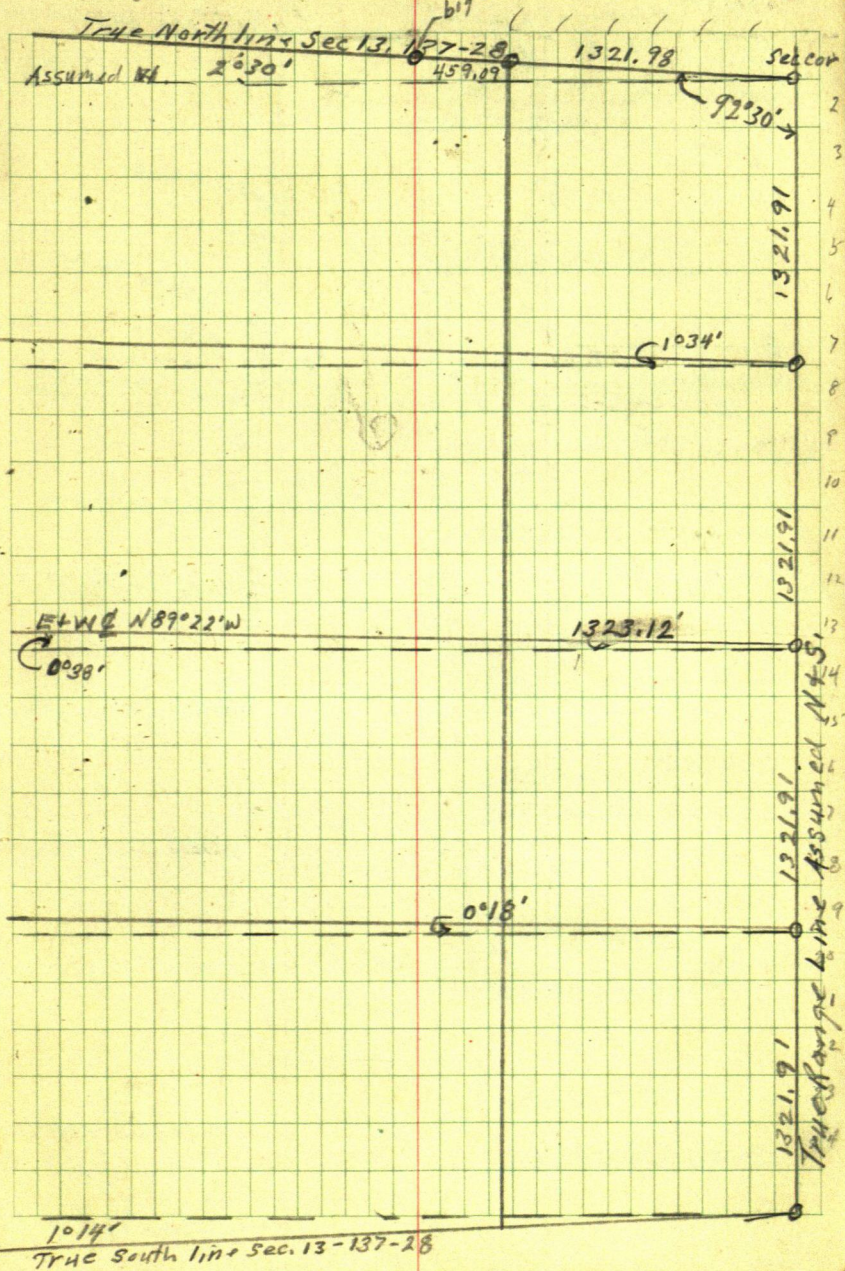
E-W & Sec 13, continued

E-W & Sec 13

Taken from Book 230

6" I.M.M.C.

91.



Taken from Book 230 old Notes
 N line Lot 1 Sec 13
 E 1/4 T10S R93S bk 230
 4 2027' 330.5 South 191.95' hub
 330.13 308.13' hub
 537.21 370 feet
 183 373' 2nd open marsh
 573479 137.28 505' LV marsh
 600 Drift bolt
 Not on line
 627.3 hub
 714.2 hub 60' spk
 864.10 hub 60' spk
 1164.6 pipe
 1264.65 pipe
 Doby
 Jacobs
 Jacobs
 Smith
 Dammon
 Smith to Dammon

① 1264.65 R.P.
1271.4 hub R.P.

1337.6 flat tire iron Not on line

② 1364.8 pipe

③ 1515.0 pipe

1620 pin

1650 Wrench on Randon
line from NE

1715.2 hub R.R. Sp. & Hope
road

1800 pin

1915.5 hub

1958.1 old wood hub
on top S. brink

2060 foot

2065 wire

2245 foot

2235 L.P.C.

2245 foot
2260.56 N. 11th

2400 pin

2466 old road N.W.S.E.

94

2400 S ^{pin}

2466 old road ^{NW} SE

2688.6 - 1" ^{pin} ^{strong}

about on cut and 1/2 mi
E & W

Figuring E 1/4 line

The 1/4 SE Cor Lot 2 is run North as this cor set southerly of E 1/4 on N line Sec 13 and as all deeds run west parallel to said N line I figure The course of the E 1/4 line calling the N line of Sec 13 as E and West would be $S 2^{\circ} 27' E$ 2686.80 ft to 1/4 cor on E & W of Sec. 13-137-28

$$2^{\circ} 27' - 2686.8$$

$$\sin 042748 \times 2686.8 = 114.86$$

$$\cos 114.86 \times 2686.8 = 2684.345$$

$$042748 \times 2164.98 =$$

$$999086 \text{ into } 2163 = 2164.98$$

From 1/4 Cor Center E 1/2 Sec 13 run North on E 1/4 line 521.82 ft to 2164.98.5
2164.98 ft along E 1/4 line is 2163 ft S of E 1/4 Corner on N line Section 13, at 90° to N line Sec. 13, and 92.55 ft E of E 1/4 on N line Sec 13.

From 1/4 Cor Center E 1/2 Sec. 13 if I can not pick up the E as run by JWC run site North on E 1/4 line Turn Left $89^{\circ} 25'$ and run West on E & W of Sec 13-137-28

96

GEORGE ARTS

113.04

226.08

113.04

105.20

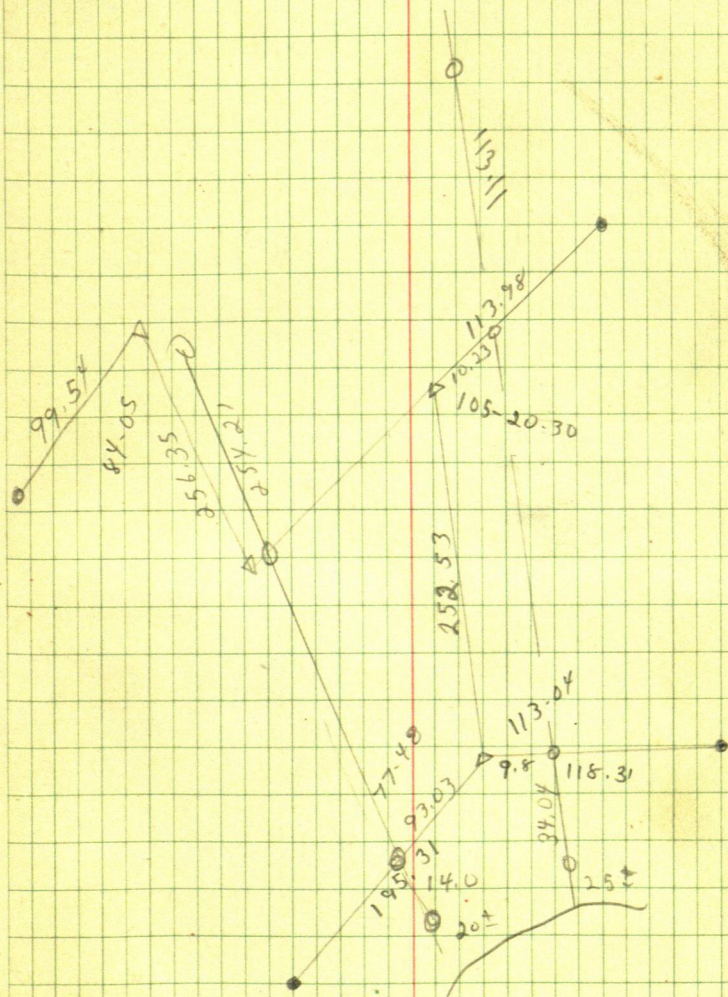
210.40

105.20.30

144.55

289.50

144.55



79-31	79-32	122.16
159-04		840
		96218

183-04	183-03-30	110.4
6-07		130
		240.4

201-29	201-28-30	
42-57		

97-03	97-03	
194-06		

152-33		
--------	--	--

223-36		
--------	--	--

210-40		
--------	--	--

74-42		
-------	--	--

175-43		
--------	--	--

170-04		
--------	--	--

89-30
179

89-30

170
6.04

163.96

700
250
120

1270

6.79

1263.21

90-34
181-07-30

90-33-45

250
2.32
247.68

~~88-28~~
182-45

91-22-30

90
140

270
7.91

230
2.5
227.5

262.09

176-10
352-20-30

176-10-15

300
100.59
400.59

137-04
274-08-30

137-04-15

150
220
370
9.33

365.67

133-57-30
267-55

133-57-30

182-18-30
364-37

182-18-30

300
100
400
2.12

397.88

97-25
194-49-30

97-24-45

180
200.62
380.62

~~207-32-30~~
~~207-32-30~~
415-15

207-37-30

143-11-30
286-23

143-11-30

300
230
530
1.76
528.24

203-04
406-08

203-04

130
130
140

127-27
254-54-30

127-27-15

400
4.56
395.44

1500
200
140
1860
3.89
1856.16

101

SEC 9 (N $\frac{1}{4}$)

163.96

127-27-15

27.68

203-04

227.5

193-11-30

400.54

207-37-30

365.67

97-27-35

397.88

182-18-30

380.62

133-51-30

528.24

137-04-15

375.44

176-10-15

1856.16

91-22-30

1263.21

262.09

89-30-4

From previous page

6-13

$$\begin{array}{r} 80 \\ 220 \\ 200 \\ 200 \\ 250 \\ 110 \end{array}$$

10 60

8.62

10 51.38

72-59

145-58

72-59

199-39

39-18

199-39

199-39

199-39

399-18

$$\begin{array}{r} 1100 \\ 7.29 \end{array}$$

$$\begin{array}{r} 200 \\ 200 \\ 100 \\ 300 \\ 200 \\ 1100 \end{array}$$

1092.71

126-03

252-05

126-02-30

300

150

70

520

3.93

180-08-30

360-17

180-08-30

516.07

89-48

179-36-30

89-48-15

190

6.97

183.03

176-57

353-55

176-57-30

680

6.61

673.39

600

120

720

3.96

716.09

280

90

320

3.90

316.1

179-20

356-39

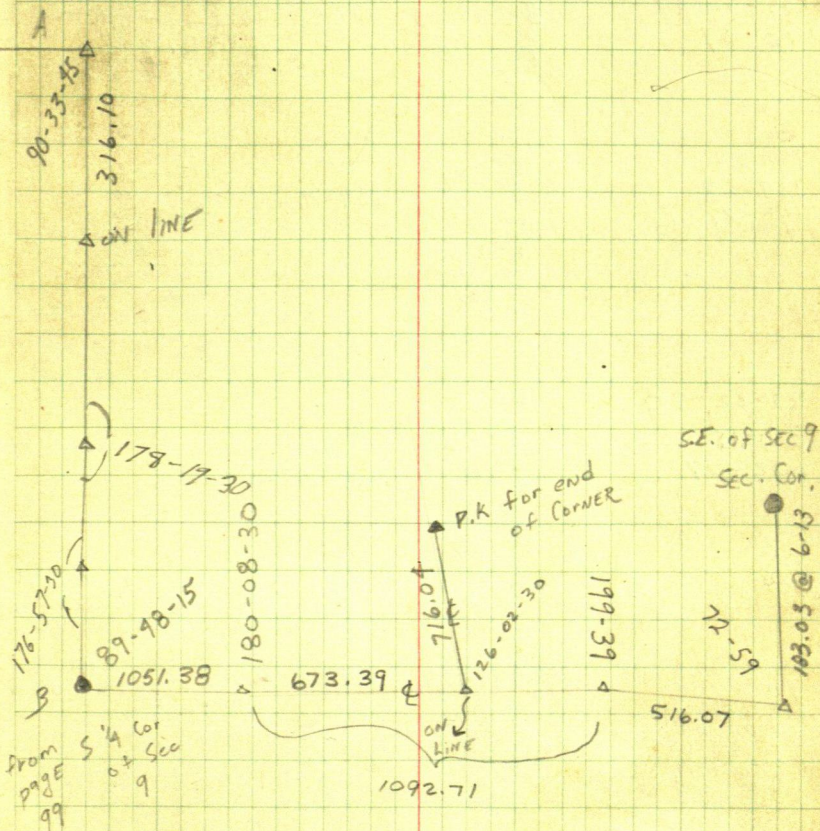
179-19-30

JUNE 10, 1977

103

BON, Paul

MRS. Niemala



167-53
 335-46-30
 193-39

167
 3 $\overline{) 503-39 \ 53}$ 167-53
 20
 18 $\overline{) 159}$
 22
 21

730
8.38
 721.62

159-29
 318-58
 118-27

159
 3 $\overline{) 478-27}$ 159-29
 17
 15
 28 29
 27 $\overline{) 187}$
 6
 27

860
1.64
 858.36

67-22-30
 139-15
 202-07

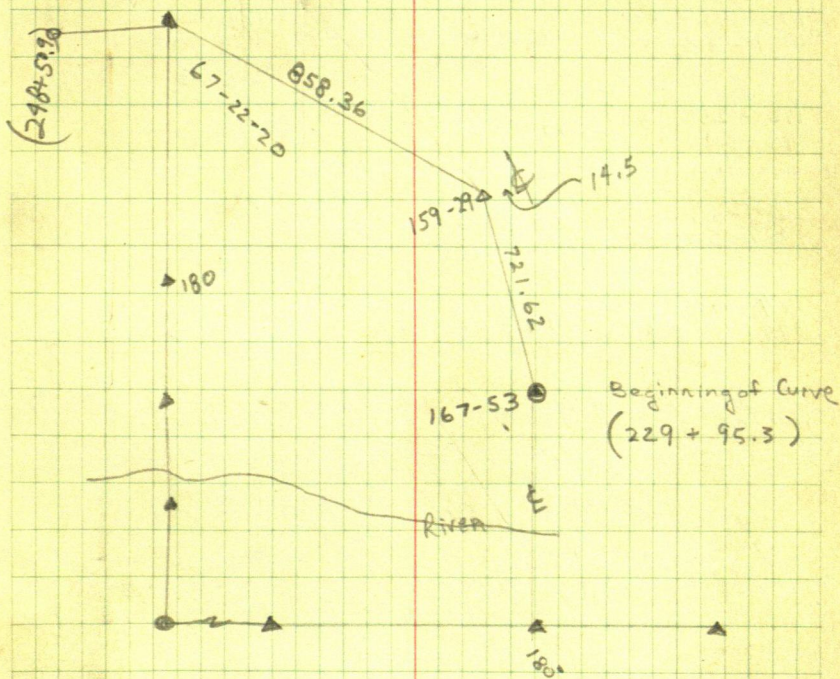
67-22-20
 3 $\overline{) 202-07}$ 67-22-20
 18
 22 22
 21 $\overline{) 67}$
 3

2
 721.62
 608.27
113.35
 193.13
 290.93
124.21
 608.27

Ron, Paul, Jeff June 20, '77 Arago Township

"CORNER Traverse"

Mrs. Niemala



81-15-30		
79-44-30	81-16	223.39
162-32		

207-27	207-26-45	229
54-53-30		12.71
		<u>241.71</u>

136-22-30	136-23	
272-46		165
		75.42

210-42	210-41-30	240.42
6061-23		

175-46-30	175-46-30	150
351-33		68.53
		<u>218.53</u>

170-25	170-25	100.0
340-50		

223-55	223-55	150
87-50		91.09
		<u>241.09</u>

174-40	174-39-45	270.0
349-19-30		101.65
		<u>371.65</u>

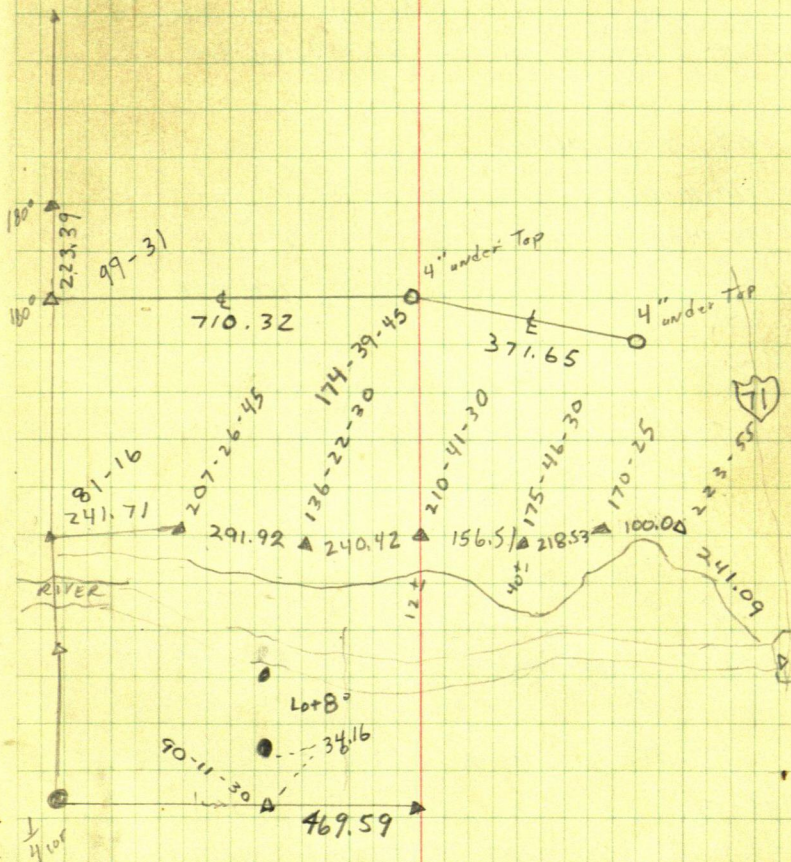
99-31	99-31	
199-02		

469.59

Ron, Jeff Mrs. Nichala July 12, 1977

Arago Township

River Traverse rerun



SEBKA

 $\pi @$ 3 BS SW COR

	90-17-55		(2764.879)	842.725	90-02
4	180-35-40	90-17-50	(807.527)	246.132	269-51-20
1			(1454.514)	447.333	90-11-40
2			(368.739)	112.391	

 $\pi @$ 3 BS 4

179-12-10

6 359-24-40 179-12-20

6 (540.292) 164.679

 $\pi @$ 4 BS 3

174-25-35

(1008.126) 307.273 90-00-30

5 349-52-10 174-26-05

 $\pi @$ 4 BS 7

103-43-40

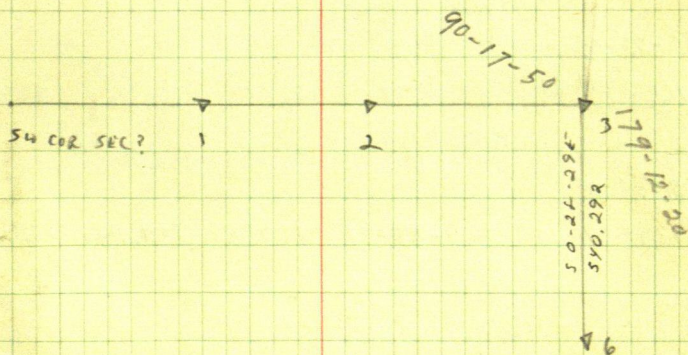
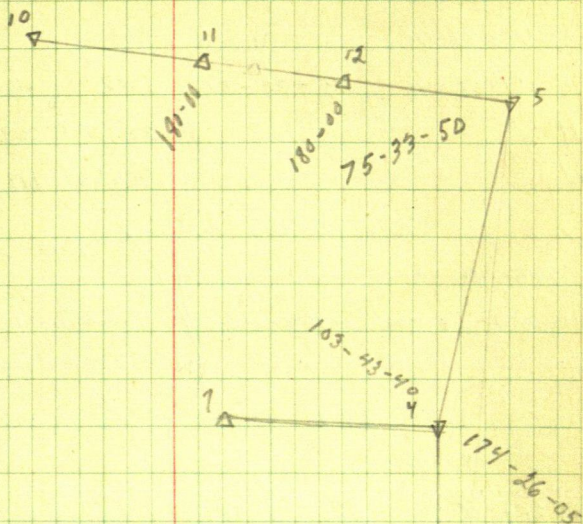
7 207-27-20 103-43-40

 $\pi @$ 5 BS 4

173-35

8 347-11-10 173-35-35 2555.23 778.860 270-32-45

9 927.96 282.842 89-43-30



$\pi @ 5 \quad BS \ 4$

75-33-45

10 151-07-40 75-33-50 1607.509 489.962 89-45-40

11 883.088 269.163 89-50-20

12 404.501 123.295 89-30-20

 $\pi @ 10 \quad BS \ 5$

178-42-35

14 357-26-00 178-43 170.703 52.031 90-23-35

13 10 337.889 102.999 269-08

 $\pi @ 13 \quad BS \ 10$

280-32-45

15 201-05-40 280-32-50 1201.342 366.189 270-39-35

16 580.504 176.937 270-13-30

 $\pi @ 14 \quad BS \ 10$

232-09-05

A 104-18-50 232-09-25 605.054 184.422 269-38-40

 $\pi @ 14 \quad BS \ 10$

80-22-20

17 160-44-40 80-22-20 528.014 160.959 269-03

 $\pi @ 14 \quad BS \ 10$

69-43-25

18 139-27-15 69-43-37 669.758 204.191 88-42-55

79-52-10
179-43-50

79-51-55

$\pi @ 18 \text{ BS } 14$

194.24.15

19 28-49-20

194.24.40

162.698

$\pi @ 19 \text{ BS } 18$

488-42-50

533.792

162.698

89.54.10

1 17-25-40

188-42-50

393.732

120.008

90.04.45

$\pi @ 19 \text{ BS } 18$

~~50-15-20~~

~~105-34-10~~

20 02-09

~~105-34-10~~

20

~~21-06-~~

~~105-33~~

744.406

287.852

90.07.45

105-33-20

20 21-06-20

105-33-10

200

6.68

193.52

$\pi @ 1 \text{ BS } 19$

96-59

3 193-57-55

96-58-57

$\pi @ 20 \text{ BS } 14$

90-06-45

180-14

90-07

$\pi @ II \text{ BS } 19$

103-48-25

207-37-30

103-48-45

89.27

262-44-10

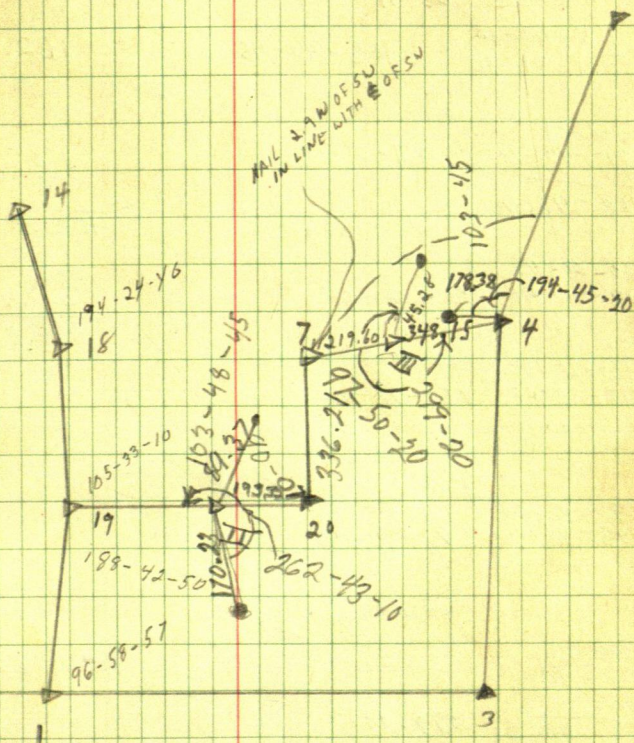
165-26-20

360

525-26-20

262-43-10

170.23



$\pi @ A \quad BS \quad 14$

148-41-10

148-41-25

297-22-50

1410.87 C

$\pi @ C \quad BS \quad A$

165-40-30

165-40-45

331-21-30

162.92

351-21

742-42-10

351-21-05

190

360

702-42-10

6.7

183.30

22-20-45

44-41-40

22-20-50

880

- 1.45

878.55

151-18-20

302-37-20

151-18-40

$\pi @ 7 \quad BS \quad 4$

97-50-30

195-40-40

97-50-20

$\pi @ III \quad BS \quad 4$

299-20

238-40

560

598-40

299-20

$\pi @ 4 \quad BS \quad 7$

103-45

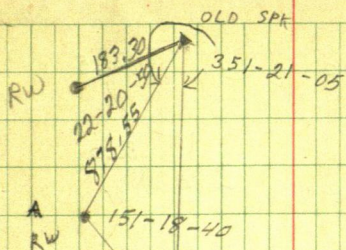
217-30

103-45

97-45-40

195-30-40

194-45-20



PK
14

RR SPK INE
17

33-01-05

66-02-25

33-01-12

@

113.05

77-51-25

155-42-40

77-51-20

@

80.0

101-50-05

203-40-05

101-50-03

@

270-26-20

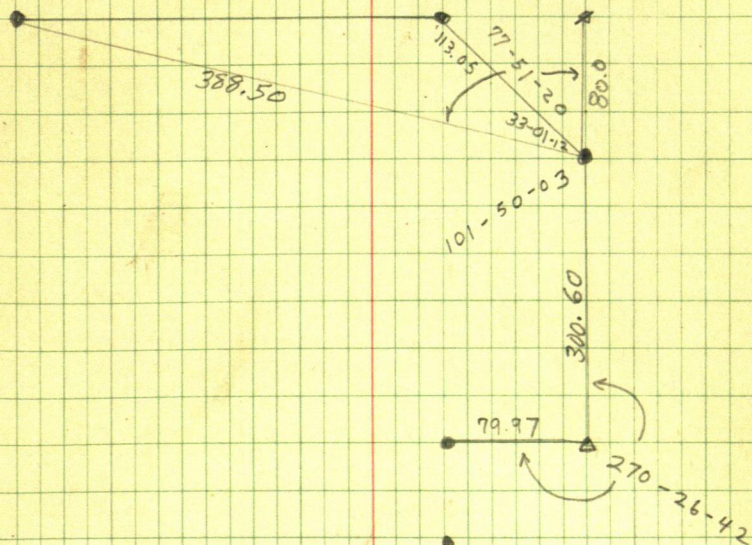
180-53-25

360

540-53-25

270-26~~1~~-42

HACKENSACK Ball Park



SEDEHA

π @ 4 BS 5

261-52-05

5

2.68

129.82

4.65

3.9

49.96

4.25

199.87

0.35

4

0.61

52.05

456.32

22.69

2.01

1.57

3

Saleka

252-35-40

205-17-20

760

565-13-20

252-36-40

93-01-40

186-03-15

93-01-38

167-35-40

335-11-50

167-35-55

137-45

275-30

137-45

117-47-45

235-35-50

117-47-55

~~180-02-40~~

~~360-06-40~~

~~180-03-20~~

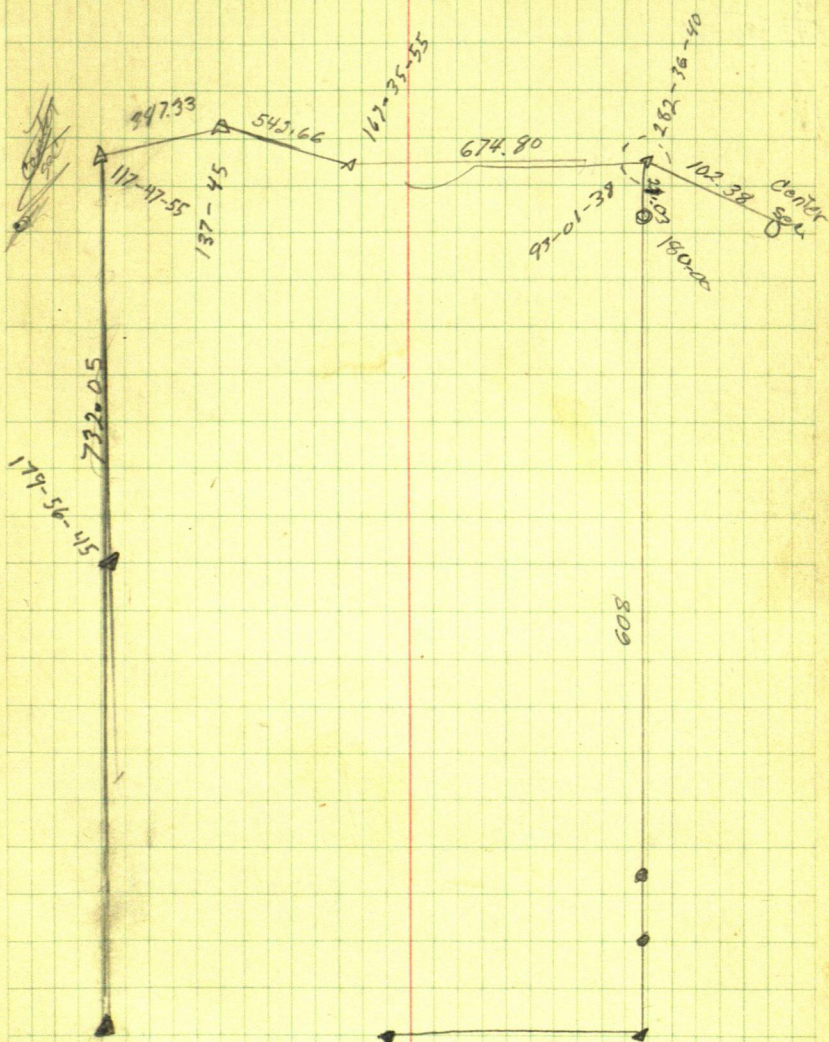
179-56-20

359-53-30

179-56-45

Paul L, Dan

Nov, 14, 1977



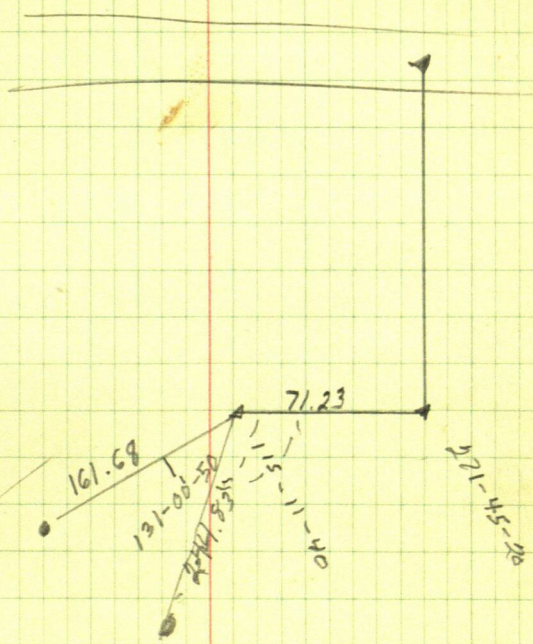
271-45-25

189-30-40

260

543-30-40

271-45-20



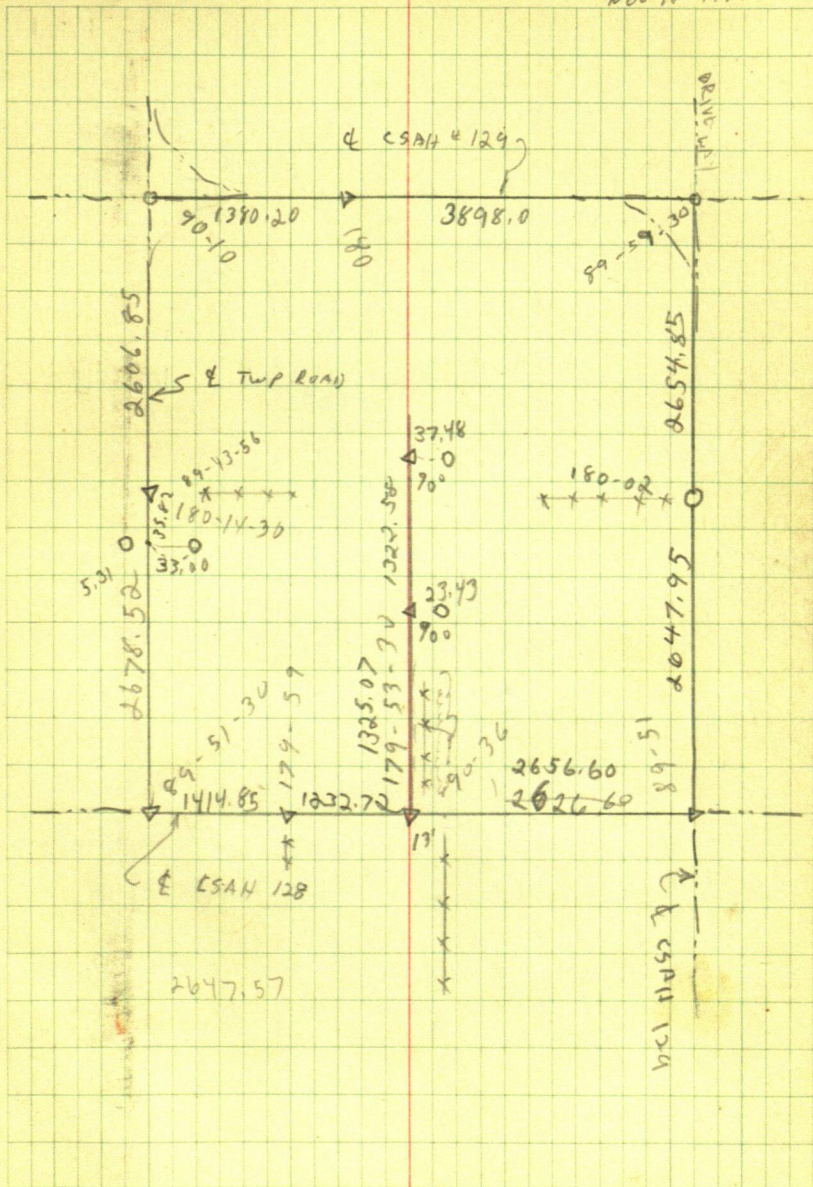
LES HANSON

BECKER CO

SW 1/4 - 8 - 141 - 37

89-59		260	230
179-59	89-59-30	3.40	3.4
		<u>256.60</u>	<u>226.6</u>
180-02		2400	
0-04		<u>2656.60</u>	<u>2626.6</u>
89-51			1240
179-47			2.28
			<u>1232.72</u>
178-54			1420
359-47	179-53-30		5.15
127			<u>1414.85</u>
179-59			
359-58	179-59		2680
			1.48
89-51			<u>2678.52</u>
129-43	89-91-30		
			2610
180-14			3.15
0-29	180-14-30		<u>2606.85</u>
			1200
90-10	90-10		180.20
120-20			<u>1380.20</u>
			2660
			5.15
			<u>2654.85</u>
			2650
			2.05
			<u>2647.95</u>

Nov 18 1977

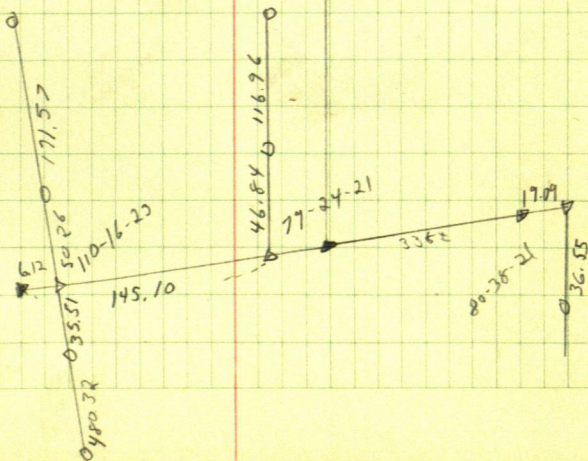
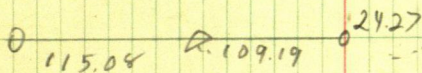
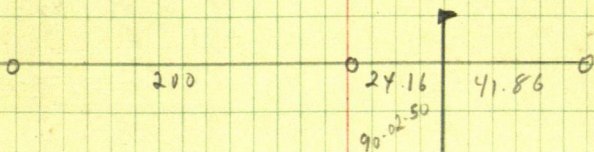


170.7		
<u>6.12</u>	224.27	85.77
164.58	<u>109.19</u>	<u>50.26</u>
	115.08	35.51

80-09-56	46.64
<u>30-06-27</u>	<u>116.96</u>
110-16-23	163.80

80-09-56
<u>0-15-35</u>
79-24-21

80-09-56
<u>0-28-25</u>
80-38-21

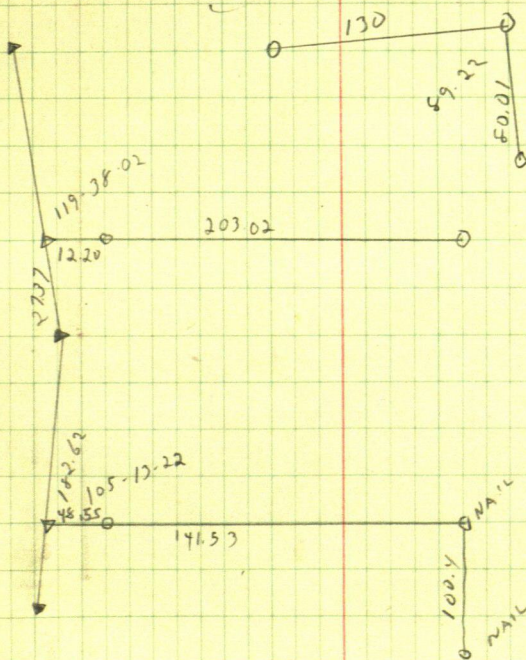
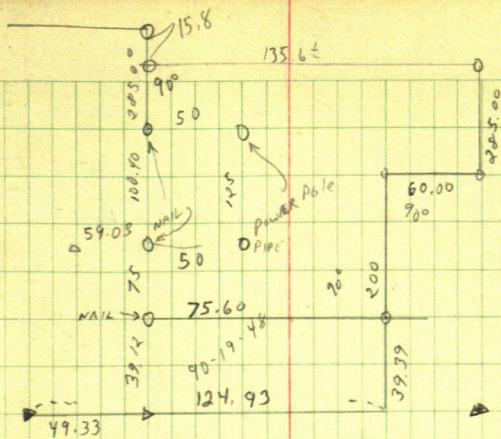


$$\begin{array}{r}
 89-51-23 \quad 39.12 \\
 0 \quad 28-25 \quad 75 \\
 \hline
 90-19-48 \quad 114.12
 \end{array}$$

$$\begin{array}{r}
 75 \\
 33 \\
 \hline
 108
 \end{array}$$

$$\begin{array}{r}
 30-06-27 \\
 87-31-35 \\
 \hline
 117-38-02
 \end{array}$$

$$\begin{array}{r}
 15-41-47 \\
 89-31-35 \\
 \hline
 105-13-22
 \end{array}$$



81-26-56

9 7

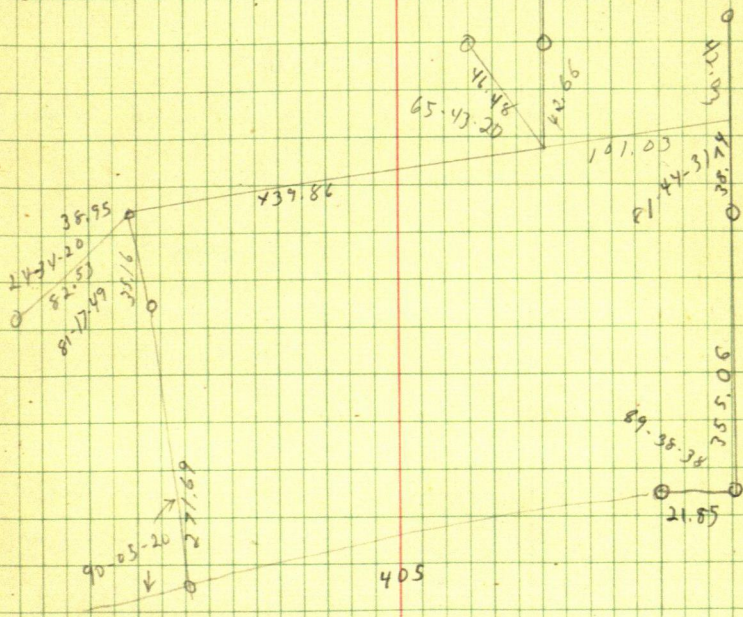
81-17-49

26

89-56-13

9 7

90 05-20



90-40-50	
181-20-20	90-40-10
179-59-30	
360-01-00	180-00-30

1

Paul
Gary
Dan E

Sebaka

198

33-
139.65-
141-47-20
90-10-10
190-00-30
~~57.05~~
249.95

Not
set

Ring

330.64

300,64

Sal
Man

Highway
71

0 519.83

250.3

121-23-541

9417
011

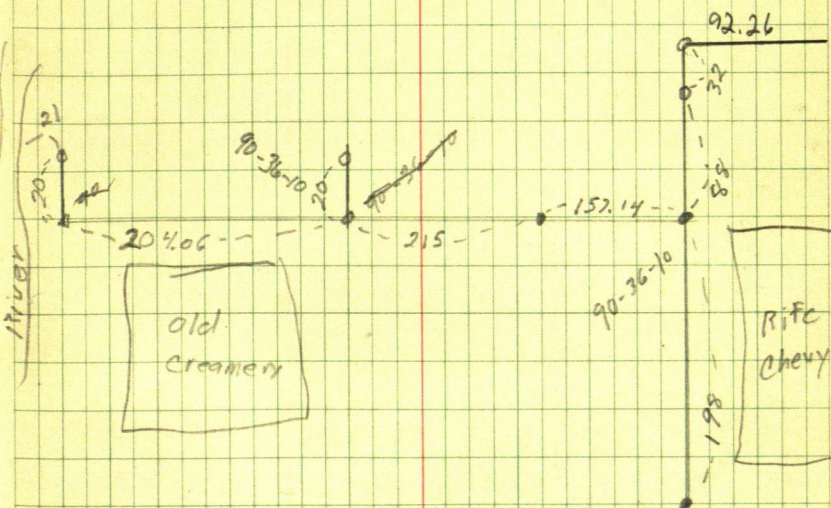
234.31

RW

90-36-25
191-12-20 90-36-10

Paul
Gary

Sebeku



Paul
Gary

Sebeku

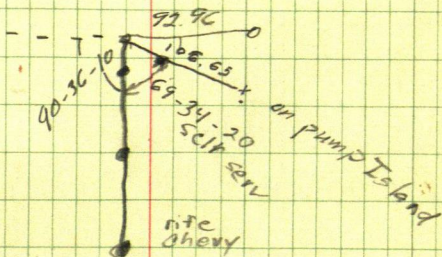
Jan 11, 1978

Bankers
Lot

84.0

47.0

Village



MARV LAVA

30 137.28

 $\pi @ 2 BS 1$

247-33-30

135-06-20

90-23-0

88-25-50

2121.04

646.492

2120.993

3
384.95

247-33-15

88-25-50

117.774

386.39

386.245

 $\pi @ 1 BS 2$

257-33-30

w^{1/4}

62.36

 $\pi @ 5 BS 5\frac{1}{4}$

2690.05

2690.05

269-59-18

819.920

807.725

N^{1/4} 180-

90-08-20

2643.46

2643.452

 $\pi @ 5 BS 5\frac{1}{4}$

89-29-33

90-00

2652.32

806.427

2652.32

S^{1/4} 178-58-50

89-29-25

 $\pi @ 4 BS 5\frac{1}{4}$

110-49-15

90-01

2136.75

651.283

2136.75

③ 221-38-33

110-49-17

90-07

116.794

383.13

383.129

 $\pi @ 3 BS 2$

132-36

4 265-11-27

132-35-45

 $\pi @ 5\frac{1}{4} BS N\frac{1}{4}$

HOUSE 1

308-57-30

360.61

SE COR 2

312-54

335.67

3

316-17

358.20

SE COR SEC

 $\pi @ 5\frac{1}{4} BS 6$

2639.70

N^{1/4}

63-52-18

1012.23

$\frac{1}{4}$

CI Mon

$\frac{20}{1}$

$\Delta 2.36$

180-00

5

Δ

2

Δ

3

Δ

4

180-00

Δ

5



89-25?

$\frac{1}{4}$

Mann Nera

$\pi @ 7$ BS 10

89-59-18 89-59-15

5 N 1/4 180-0-30

$\pi @ 10$ BS 7

298.716

980.02

411

490

$\pi @ 8$ BS 5 1/4

90°

8 A

616.40

303.181

994.67

5 1/4

$\pi @ 12$ BS 7

14.90-40-50

181-21-40 99-40-50

700

616.4

13. $\pi @ 14$ BS 12

180-00

143.6

B. $\pi @ 14$ BS 12

88-19-58

126-39-52 88-19-50

1345

995

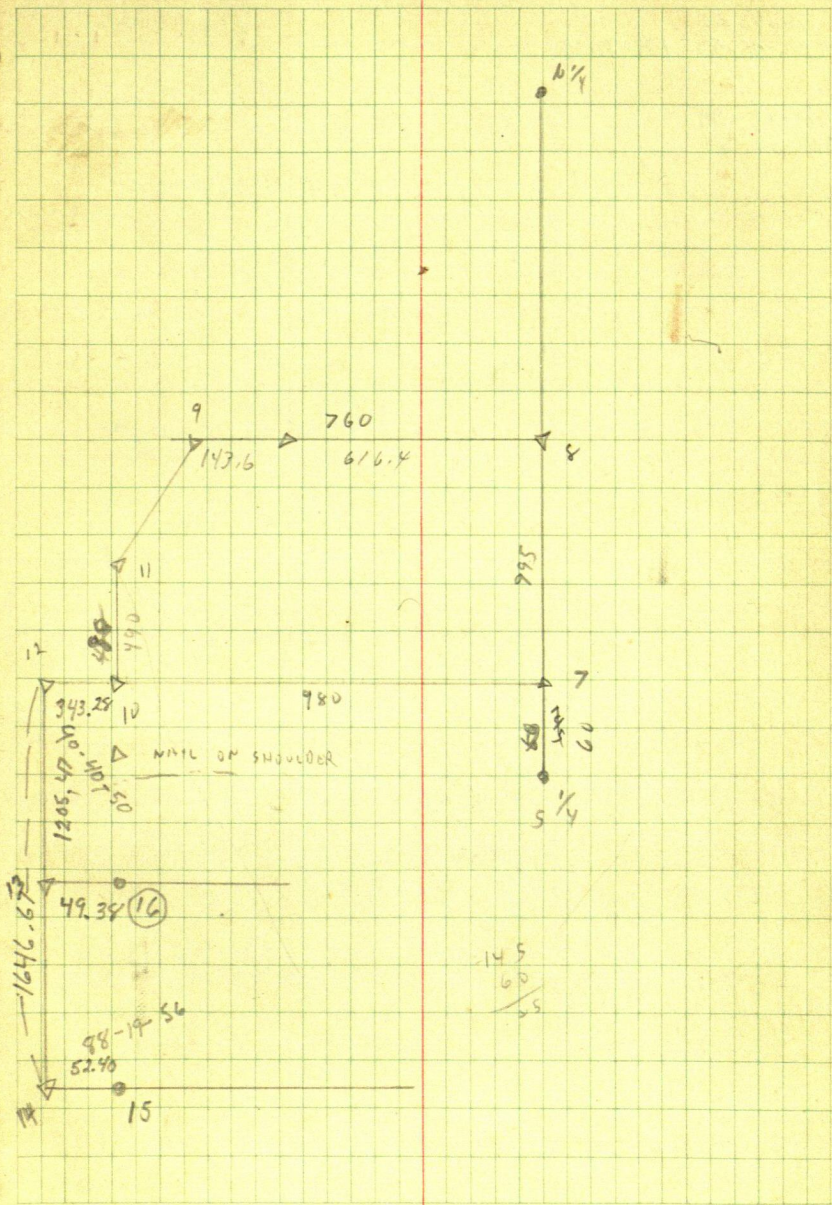
450

345

$\pi @ 13$ BS 14

269-28-13

16. 178-56-00 269-28-00



Maru-Nawa

²17

15

75

70

245

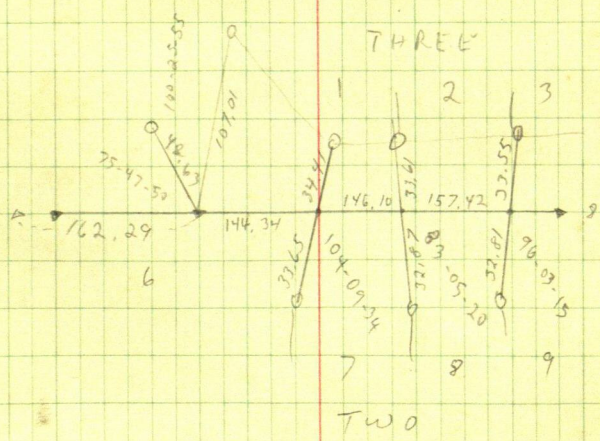
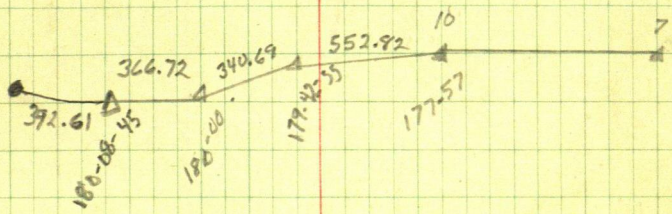
179-43-02

359-25-50

179-42-55

180-08-94

360-17-20



CHUCK SWANUM

110 79 72
110-42-20

32 52

49-12-24

98-25-18

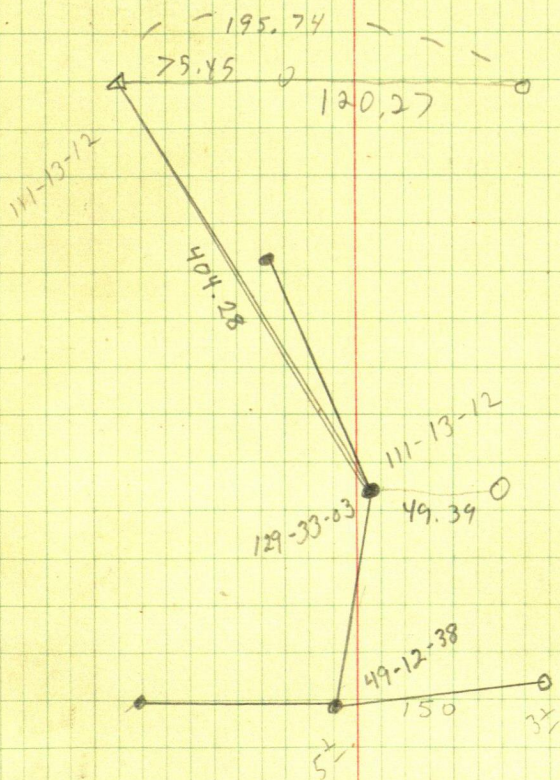
49-12-38

129-33-18

259-06-06

129-33-03

~~129-33-03~~
~~111-13-12~~
~~240-46-15~~



BIRCH LAKE

1884
228.50

947.34

1884
187.16

2000

137.15
107.34
29.81

1/16 2881 181.16 300 428.50 124.67 103.33 165 165 1/16

265
89-42-50

17-40

220

190

190

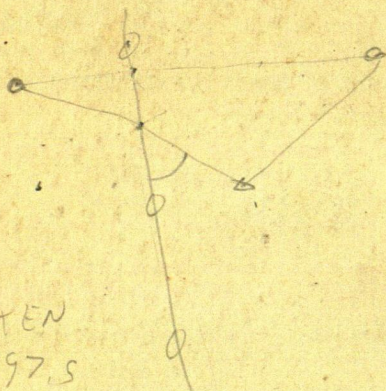
488.15

1/6

1/4

$$\begin{array}{r}
 46887 \\
 7113 \\
 \hline
 54000
 \end{array}$$

$$\begin{array}{r}
 87632 \\
 50 \\
 \hline
 92632
 \end{array}$$



AEN
897.5

0