

257

DICTIONARY

OF THE  
ENGLISH LANGUAGE



N<sup>o</sup> 257

Hackersack

391.9

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Made in U. S. A.



2

# Index

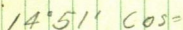
Plots Pg 3. 5-6-8-9-18-25-27-29 ...

Time Pg 7.

Addresses



67



$$S/n_c = 256 \times 19.1 = 4.89$$

Lakeside Add Hardensack  
\$ D-2-74 Re 7 of Dec 24



4

80° 58'

71 07

151 65

364

191

555

179.60

- 152° 05

152 05

27° 55'







6

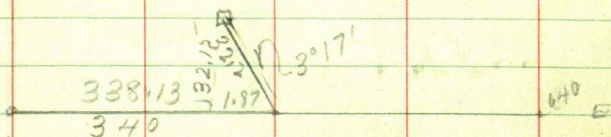
June 27-1941

H.M. in at Ho figures  
1-30 PM

L. Walker - 2-30 pick up Harold

Drive 2x40" pipe at SECOR Lat 1  
Block 5. Top of old 2x2x16"  
stake broke off we drive ch. in  
thro old decayed stake pointCharlie Wood and Bert Wood  
inspect I.M.Beg @ I.M. just set Harold  
and I chain

East: @ 40' set Hub @ 340 Hub

So side of road @ 640 Hub on  
side of road.T over Hub 340 and 2x2x16" plate  
bear N  $3^{\circ}17'W$  32.2

Time Sheet Working for Dr. Button

June 1941.

John W. Curo Tch

Harold J. Eibes

Car

Exp

Jerome L. Frederick

25 26 27 28 29 30 July 1 3

1 day  
6 hr

6 hr

1 hr

28

2 1/2  
PM



8

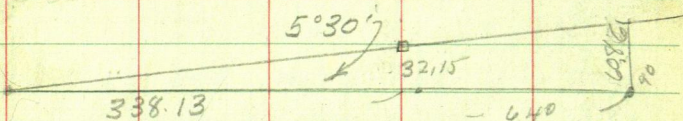
Joe Zibigar  
15 mi. N of Bel

H 3°17' W 32.2

Sine 0581 x 32.2 = 1.87

Cos 99831 x 32.2 = 32.15

Tang 0582 x 32.15 = 1.87 OK.



1.09509

$$\begin{array}{r}
 338.13 \overline{) 32.1500} \\
 \underline{304317} \\
 171830 \\
 \underline{169065} \\
 276500
 \end{array}$$

$$\begin{array}{r}
 509 \\
 \underline{2036}
 \end{array}$$

$$\begin{array}{r}
 50.85 \\
 \underline{203.40}
 \end{array}$$

$$338.13 \times 9509 = 32.15$$

$$640 \times 9509 = 60.86$$

$$\begin{array}{r}
 509 \\
 \underline{101.8} \\
 152.7 \\
 \underline{203.6}
 \end{array}$$

$$\begin{array}{r}
 509 \\
 \underline{2036}
 \end{array}$$

# HACKENSACK

9

BIR 7 Labrador Adol

Lot 1-2 - Halden

3.4 Freshch

5.0 Seal

OK All Check

7-8-9 - Bullen

10-11 - Falken Bullen

12 - John Fench

July 18 - 1241 Checking Figures

350, 66.5 (= 19 = 10°46')

Sine 186810

Cos 982396, 350 = ( 352.2718

Tan 9 = 190157

10°46'

9.5

350

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

19.5

119

129

139

149

159

169

179

189

199

209

219

229

239

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299

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129

139

149

159

169

179

189

199

209

219

229

239

249

259

269

279

289

299

104511

3

5

6

7

8

5042

3

5

6

7

8

289

1

1020

1

1

1

104511

3

5

6

7

8

5042

3

5

6

7

8

289

1

1020

1

1

1



10

June 27-1941 continued

Meet John Funk 9368

Toyer

St Paul

owns Lat 40E 12 Block 7

Lakeside Park Add to Hackensack

But it 35 years ago Paid

250. - it had a mortgage \$150

"Can buy them 10-day for ten dollars"

May need a small part of the

Oliney Tract now called

Windover Tract owned by Dr

Button

# Hackensack

11

June 29-1941 Sunday

Marta and I to West Ten  
Mile Lake - Meet Eikenberry  
and wife on the road

Gookin will be up July 8-

A man wants survey of

E $\frac{1}{2}$ SE $\frac{1}{4}$  21-141-31- Schingobee  
Twp

Drive to Hackensack

I work alone on home lying  
to find lines of Dr Button  
Lake

Call on Dr Button 7 or 8 PM

June 30-1941 Monday

All day in Walker - Merry  
funeral at 1:30 PM

Meet Andy Swanberg of  
Cass Lake



12

July 1-1941

up at 7 Calcl Cloudy

8 to 10 at Ct Ho trying to  
find Van Oclury survey of  
Button Rock

Lon

Caller

10 AM Ld Ct Ho

11-15 to 12 Noon Herald work

Get Jim Flynn Garley compass  
PM

Annetta Mildred Frederick

Grand Daughter of Dick Ness

and her Dad show me one old  
stake - Call on Mrs Victor

Holmberg - her tax receipt calls

for Lots 5 to 10 inc South Hackensack

But from Batholombee

Frederick work till 6-30

We pass our line from IM at  
 SECOR Lot 1 Blk 5 through old  
 2x2x16" wood stake at SECOR  
 Lot 1-Block 6 from which  
 we ch-continue same course  
 Earsley @ 40 set Hub

$$+ \quad 55.5 = 95.5 \text{ Hub}$$

$$+ \quad 36.4 = 131.9 \text{ Hub}$$

All Hub = R. R. spikes

Harold Gault @ 5

Frederick helps from 4-PM To  
 6-30 PM.

July 2-1941 Harold Olson & I 8 hrs  
 for Jensen



14

July 3-1941

Lv Walker 11-55 For Hack

12-15 P.M. # 12-30 Jerome L

Frederick helps me

1-P.M. Harold arrives

Temp SW Cor Lat 10 Blk 7 Chain  
90° R. 40 ft set flag in so edge  
S. wheel track

Rever old 2x2x16" Hub at L  
NW Cor Lat 2-Blk 3 Focus wly on  
flag just set Turn 90° 40 ft set  
Hub for S Line of Shore Drive  
Hub set for Temporary SW Cor Lat 4  
Blk 7- is 1.25 ft so of Temp.  
So Line Shore Drive

From IM Set at Bert Wood  
SE Cor Lat 1-Blk 5 Dist 16 SW Cor  
Lat 4-Blk 7 is

Frederick works 2 Hours

12-30 To 2-30

Harold & I work till 5-30

# Hackensack Minn

15

$$\begin{array}{r} 40 \\ 55.5 \\ 36.4 \\ \hline 131.9 \end{array}$$

$$\begin{array}{r} 111 \\ 40 \\ \hline 151 \end{array}$$

$$\begin{array}{r} 350 \\ 111 \\ 40 \\ 20 \end{array}$$

31

$$\begin{array}{r} 340 \text{ Old Hall} \\ + 132 \\ \hline 472 \\ 319 \\ \hline 791 \end{array}$$

340

$$435.5$$

$$\begin{array}{r} 380 \\ 55.5 \\ \hline 435.5 \\ 36.4 \\ \hline 471.9 \end{array}$$

$$\begin{array}{r} 340 \\ 40 \\ \hline 380 \\ 55.5 \\ \hline 435.5 \\ 36.4 \\ \hline 471.9 \\ 319.1 \\ \hline 791.0 \end{array}$$

Angle point

791 - 2nd Line 1.25 L

$$\begin{array}{r} L.00158 \\ 791 \overline{) 1250} \\ \underline{791} \\ 4590 \\ \underline{3755} \\ 83350 \\ \underline{6328} \end{array}$$

Correction =

$$.00158N$$

July 3-1941

Am. I and Martha drive to  
Whipfall Return at 11:41



# HACKENSACK

17

Dr Button Survey cont'd

July 7-1941 Monday

Martha and I Lv Walker 9 AM

9-30 call for Harold J

Eibes-

From ZM set with Bert  
Wood old stake  $2 \times 2 \times 18$

SE Cor Lot 1. Block 5 (Page 5)

East along N side SHORE  
DRIVE

## LAKE SIDE ADD

At 340 - previously chained

Old  $2 \times 2 \times 18$ " stake sets S.

0.25 of a foot R.

Note 10" Red Oak N. Edge  
on line From 340 continue

$E + 40. = 380$  Hub Temp

SW Cor Lot 12 Blk 7

$+ 55.5 = 435.5$  Hub Temp

Cor Lots 11-12

$+ 36.4 = 471.9$  Hub Temp Apt

in Lot 11. Continue

Extension of this random

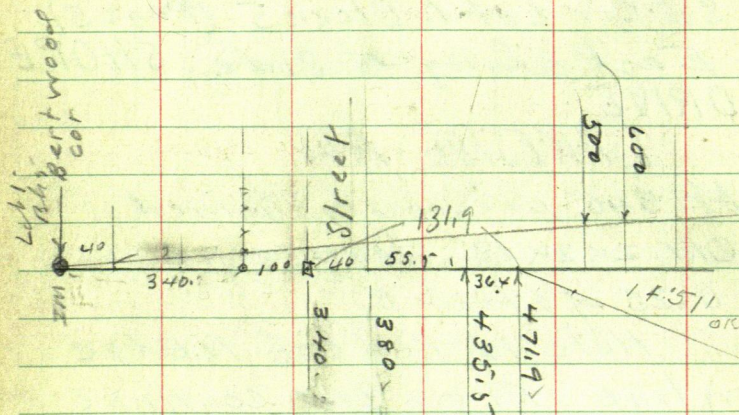
E

18

East on N Side

Shore Drive  $340 + 160 = 500$  ft $340 + 150 = 490$  ft $500 + 100 = 600$  ft on

random N Line of Sheet

Extended -- 169 ft part  
lies on line

Try Correction @ "8"

340 E 90° S 0.27

380 " S 0.30

435.5 " S 0.35

471.9 " S 0.38

500 " S 0.40

600 " S 0.48

NG

T



## Hackensack

July 7-1941 continued

Too hot to think or figure  
 correction - We cut out West  
 line of Lot 12 Rht. 7 and  
 find that it is going to raise  
 hell with the John Funk Lot 12  
 Funk address on page 10

We work till noon and  
 drive to Backus and out to  
 Johnson Lake

See Field Book 234-

Skinner - Maxson - Thomas

= 0.22 off 340 E

Try Correction "5" R.

340 E Goes S .22

380 " " " .25

435.5 " " " .28 NG

471.9 " " " .31 ~~75~~

500 " " " .33

600 " " " .39

over

20

Hackensack

Dr Button

July 10-1941

at Ct Ho in naler

Warren Moore of  
No St Paul called and search  
records- 10-30 AM

Mr Moore is R & W Agent for  
Minn State Highway

July 11-

July 12

July 13

July 14/41 Commissioners meet



# HACKENSACK

21

Dr Button

July 15-1941

Up 6-30 Catch Reed at Eng office  
7-40 Get \$1.50 8-40 call on

Dr Button Walker Office

10c gives me a check on Bashur  
Bank \$10. on account

Dr calls Hackensack Hospital  
They will hold Harold Eiber till  
I get there

On Hack 9-30 AM Cash Dr's  
Ch \$10. at Frank Williams Oil Sta  
\$1.25 gas etc.

Pick up Harold 10 AM and will  
try to fit in line

Try Correction 8" on Pg 18 No.  
Hils & tel PL 600/1 E

22 July 15-1941 cont'd  
Re-chain

Beg @ 340 ch

End @ 40 set Hub 380

@ 95.5 set " 435.5

@ 131.9 " " 471.9

Angle Point

340 + 260

600

OK We find measurement OK

Try

Correction "0006"

340 E goes S. 0.20 old slate

380 " " "

435.5 " "

471.9 " " 0.28 under T

500 " "

600 " 0.36

Try 55

340 E goes x 55 = 0.19

471.9 " S x 55 = 0.26

600 " S x 55 = 0.36

Try 5

340 E goes S .17

471.9 S .24

600 S .30

OK clips  
14 inch H edge  
8" T x 1" P 1000  
1/16" Run  
1/2" x 6" Run  
Dial OK



TIES to AP 471.9

Twin <sup>Elm</sup> white oak 5x6-

5" NE oak 101°R

RR Spike in & green to oak 8"

Elm 180°R.

July 17-1941

all day in St Ho

Borrow Long Carriage

Typewriter from WPA office

24

July 18-1941

Lv Walker 8-20 - Get 14 gals gas  
at Y Star #3. to pay to Louie

Liskie on Hack 8-45 Harald  
Eibes will help me in a few minutes

I drive to Creek outlet Discover  
I forgot my Field Book and drive  
back to Walker

Check Figures on Page 9 -  
this Book 257 - All OK.



July 21-1941 Monday

AM on Walker School Grd  
PM

1 PM L. Walker 2-PM

Pick up Harold Eicher

T. over Wood Hut @ Time

SW Cor Block. Block 7 (Lot 12)

Lakeside Add To Hackensack

Focus E Turn 90° L Set R.R.

Spike on bank N

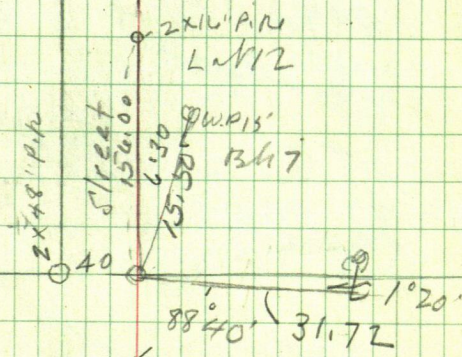
Focus on spike

Ties WP 15" N 6°30' E 15.50

Elev 14588'40" E

31.72

Block  
Lot 1.



26

195140 Chas

Went Lake 11-12-10

Warren Phillips Hoch  
Kelly Shaver

work til 3:50. Hat as hell

\$3. - \$2.96 in full to Louis  
Lushie

203.4

509  
7  
35 63

Recorded

5097

3  
152.7

203.4

356.1

203.40K

Lake 5-6-7-8 = 50.85





28

July 22-1941 continued

Meet Mr Shonkwiler who lives  
on 17 acrer West end Ten Mile  
Lake - wants it surveyed

Meet 10 year old boy from  
Brainerd who "helped survey"  
last "summer"

Meet Miss Padgett who wants me  
there tomorrow

54

64

19.9

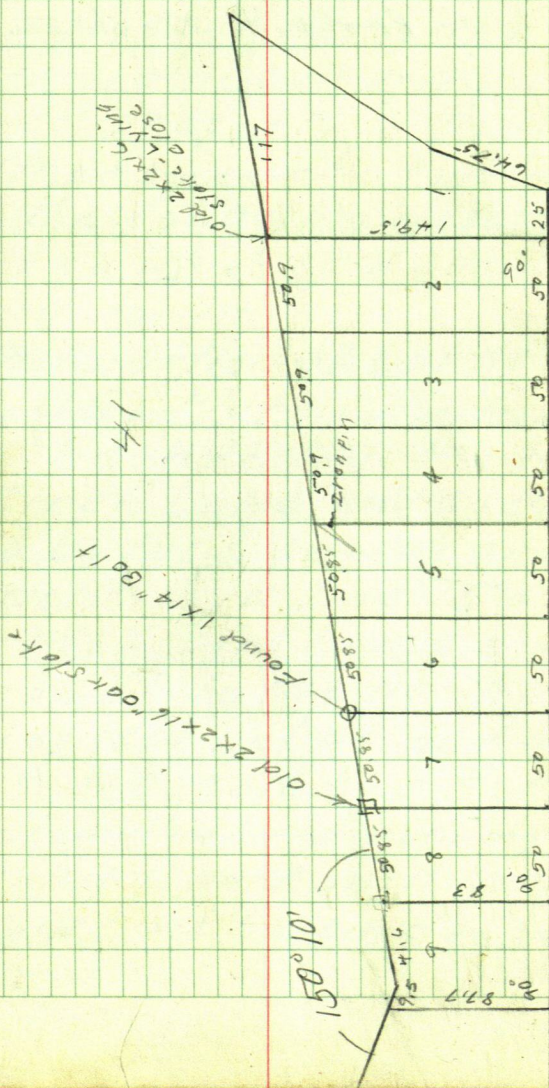
53

75.5

128.5



$50.95$   
 $101.70$   
 $152.55$   
 $203.40$



30

Dr Button

Hackensack

July 23-1941

Copy plat So Hackensack  
PM

work on Padgett track Ten M. Lk.



Will

31

Copy

Second: To my sister Helene Miller who is now living with me. I give and devise the house which lies South of my Residence property in the village of Hackensack, together with the following described tract on which said house is located to-wit

That portion of Lot 41 of Huddilō's Plot of Hackensack, bounded on the west by Birch Lake and on the East by the highway and on the north by a line 15 feet North of said house and parallel to the north boundary of said Lot 41 and bounded on the south by a line 75 feet south of and running parallel to said north boundary of said tract herein devised.

32

From 1 To 1-30 I sleep on Geo  
Williams Porch



Monday July

Martha and I to Seneca

I drove on to Round Lake

Call on Mr Wm

34

July 29-1941 Tues

Pick up Frank. Shalts  
Lv Walker 11-15 AM

Drive to Hookershook

From NW corner Lat 1 - Run

OK  $S^{\circ} 12^{\circ} 09' W$  Parallel to RR. fence

00. = "+" in cun wall

@ 1. ft set Hut 0.30 W of old Tm

+ 99 = 100 Hut + 26.3 x 25 =

54.3 + 10 = 164.3. Hut in wedge

Principle road -

Run 164.3 Focus  $S 77^{\circ} 51' E$

Yellow marker on W side west rail

Run  $N 63^{\circ} 45' W$  153.5 RR.

Spk at NW corner Geo

Williams Ho

From which Old Port  
Hale at West end of  
stone wall bears

$N 17^{\circ} 18' E$  93.7

Flog on RR bears  $S 73^{\circ} E$

$S 72^{\circ} 55' E$

Quit 6-30



Dr Bullon Hachensack

July 31 1941 - 12-30 PM at ef Ho  
Walker Figuring

$$\begin{array}{r}
 150 \\
 25 \\
 26.3 \\
 10.0 \\
 \hline
 161.3
 \end{array}$$

NIX

$$\begin{array}{r}
 2015 \\
 6345 \\
 \hline
 8360
 \end{array}$$

$$NW \text{ Cor Lot 1} = \text{Slo } 1 = 0.0$$

$$\text{Slo } 1 \text{ Run } S 12^{\circ} 09' E 161.3 \text{ to Slo } 2$$

$$\text{Sine } 210472 \times 161.3 = 33.95 \text{ W}$$

$$\text{Cos } 977600 \times 161.3 = 157.69 S$$

$$\text{Tang } 215294 = 33.95 \text{ W}$$

$$\text{Slo } 2 \text{ Run } N 63^{\circ} 45' W 153.5 = 26' 15' \text{ to Slo } 3$$

$$\text{Sine } 442289 \times 153.5 = 67.89 N$$

$$\text{Cos } 896873 \times 153.5 = 137.67 W$$

$$\text{Tang } 493145 \times 67.89 N$$

$$\text{Slo } 3 \text{ Run } N 18^{\circ} E 93.7$$

$$\text{Sine } 3090 \times 93.7 = 28.95 E$$

$$\text{Cos } 95106 \times 93.7 = 89.11 N$$

$$\text{Tang } 3249 = 28.95 E$$

36

Dr Button and Dan Delury look  
The North 74.3 feet of  
Lot 41. Auditor's Plat of Hoch

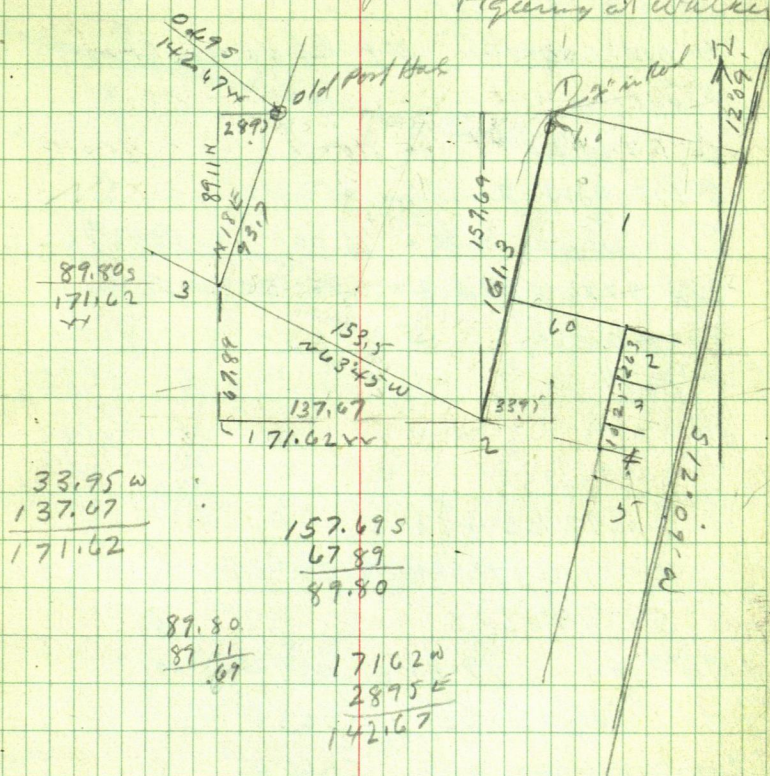


Hochenrock

July 31-1941

37

Figuring at water



Note: above figures are from  
 "Blue chalk marking rock wall  
 1 ft N. x 0.30 W of Horst 2 m

Note: I may set the whole  
 thing 1 ft so and use Horst  
 1 m as L. N

I will set a new big pipe 0.30 west  
 of Horst 2 m from the new  
 L. N.

38

Aug 2-1941 Sat

9-AM cooler: Mt St Hs Walker

Figuring

West end Lat 1. So Hook

S  $12^{\circ}09'W$  74.30

Sine 210472  $\times 76 = 16.00 - (157963 \times 2$

Cor 977600) 74.3 = 76.00 245 OK

Tang 215294 = 16.00-

See Pg 39

S/a 1 = 00

2 = 74.30 S

3 = 97.76 S + 12.63 =

4 = 110.39 S + 38.91 =

5 = 149.30 S

S/a 3 to 4 = S  $77^{\circ}51'E$  60/4 =  $12^{\circ}09'$

Sine 210472  $\times 60 = 12635$

Cor 977600  $\times 60 = 58.66 E$

Tang 215294  $\times 60 = 12.635$

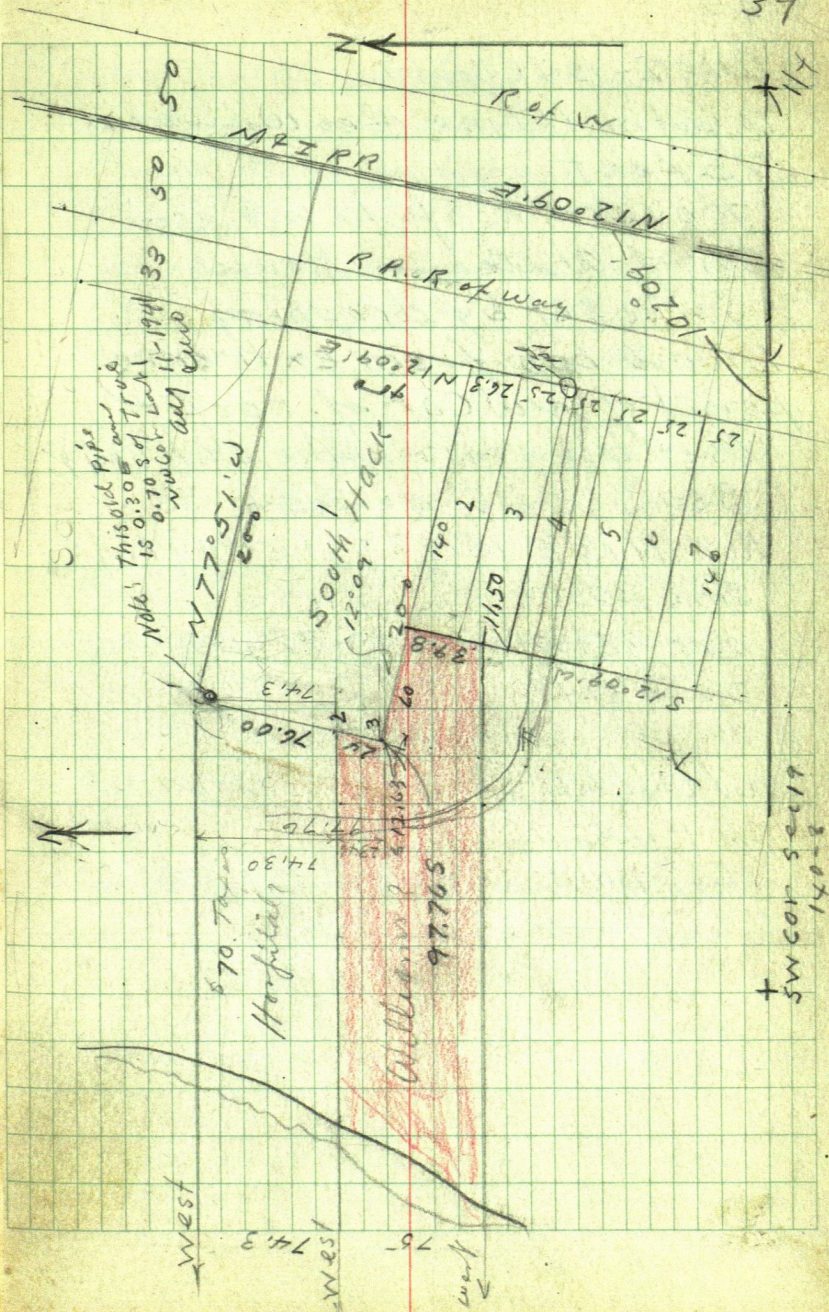
S/a 4 to 5 = S  $12^{\circ}09'W$

Cor = 9776 in) 38.91 = 39.80

39.80  $\times 9776 = 38.91$

39.8  
11.3  
51.3





40

Aug 2-1941 cont'd

To put in N Line Geo Williams  
75 feet

⌒ over RR. Spike at NW  
Cor of Williams House

Spike set by dropping  
Blumb-bob from extreme  
point of NW Cor of roof  
(set last year - spike still here)

BS S  $63^{\circ}45'E$  (P934)

Run N  $18^{\circ}E$  15.77 T. pt 15 ft N of Roof Cr  
Sine 3090

cos 95106 in 15 = 15.77 197

Tang 3249

LV Walker alone 10:40 AM

at Hooker rock

Geo Williams comes out



11-40 AM - working alone. Herald  
will soon be back from Button  
Farm Tove Hat @ NW cor Williams  
House BS  $563^{\circ}45'E$  Run

$N42^{\circ}E$  past 8' SP.

$$Cos = 74314 / 15.00 = 20.18 \quad \checkmark$$

$$20.18 \times 74314 = 14.99652 \quad \checkmark$$

Run also North 15.00 set Hub  
All Hub on RR spikes

Run also  $N55^{\circ}W$  26.15 set Hub

$$Sin 81915 = 71.17$$

$$Cos 5736 / 15 = 26.15 \text{ set Hub on } \\ \text{Lake shore}$$

Run  $N68^{\circ}E$

Qos

$$Sin 3746 / 15 = 40.04 \text{ set Hub by } \\ \text{Dr Button wood pile}$$

2. 42

Hut 0.0 - at NW Cor Geo Williams Ho

Run S56°W - 100.13

Sine 82904 x 107.30 = 88.96 W ?

Cor 5592 in 60 = 100.13 107.30 <sup>OK</sup> Hut on LK <sup>shn</sup>

107.30 x 5592 = 97.69 60.00 SO

Runs 42°W

Sine

Cor 74314 in 60 = 80.75 SO <sup>OK</sup>

74314 x 80.75 = 60 ft 20 010

No check

Check this: S56°W

Sine 82904

Cor 5592.

OK I guess

Run S45°E

Sine x Cor 70711 x 120 = 84.85 ✓ OK

= 60 SO and 60. E OK



⌞ back on Hub 101.3 Page 34  
 E of Bridge 12 H E of NE corner Bridge  
 Focus 577.51' E on yellow mark on  
 West Road

Hub on N Line Williams Trust bear  
 N56°16'W on Hub 20.18 Page 41

Run also N 12°09'E and set IP stake  
 24 ft N of SW cor Lot 1.

⌞ over 20.18 RS S 56°16'E Run  
 East to IP stake

Run North Hub 12' N P  
 Run N 0°30'E 74.3 Hub in flat  
 8.5 ft from stone wall runs  
 NE SW and 14.75 ft  
 West of old Fence post  
 Hubs

Run N 30'E  
 Lin 5000

Cor 86603) in 74.30 = 85.79 + OK

85.65 Hub RR right on  
 So side of EW stone  
 wall 0.14 of a foot 10 ft  
 True N line Lot 41

44

From N E Cor Geo Wallman  
Tract. Ch N-753 1' and 2'  
M in creek bed 74.3

should  
be 76.

Note: I will set all Hbr on  
East Side of Gr Hockenrock  
South 0.30 from my Prelim-  
inary Survey. To line line  
True NW Cor Lot 1 in creek  
bottom is 10.70  $\pm$  0.30 W  
from Horsli old iron pipe



Aug 4-1941 checking

Pg 42

S 56° W 107.30

Sine 82904 X 107.3 = 88.96 W

Cor 5592 X 107.3 = 60.00 S

S 42° W 80.75

Sine 6691 X 80.75 = 54.03 W

Cor 74314 X 80.75 = 60.00 S

N 42° E Pg 41

Sine 6691 X 20.18 = 13.50 W OK

Cor 74314 20.18 = 14.997 N OK

12° 09'

Sine 210472

Cor 977600

Tang 21529x

46

Aug 4-1941 FIGURING

0 = NE COR Geo Williams Tract

0 Run S  $12^{\circ}09'W$  2400 To Slt 1 - SW COR Ld 1

Sin  $210.472 \times 24 = 5.05 W$

Cor  $977600 \times 24 = 23.46 S$

Slt 1 Run S  $77^{\circ}51'E$  60 To NW COR Ld 2 = Slt 2

Sin  $210.472 \times 60 = 12.63 S$

Cor  $977600 \times 60 = 58.66 E$

Slt 2 is 26.09 S and 53.61 E

2 Run S  $12^{\circ}09'W$  39.80

$39.80 \times 9776 = 38.91$

75.00  
36.09  

---

38.91

S  $12^{\circ}09'W$  39.80

Sin  $210.472 \times 39.80 = 8.38 W$

Cor  $977600 \times 39.80 = 38.91 S$

Slt 3 = SE COR Williams Tract

75 ft To and 45.23 E From Slt 0.

51.30

39.80

---

11.50

From SW COR Ld 3.



## Correction

1st at Temp Hub at NW cor Lot 2  
 we ch S  $12^{\circ}09'1''$  W 0.30 of ft for  
 true cor

2nd at Temp SW cor Lot 3  
 we ch S  $12^{\circ}09'1''$  W 0.30 to pt for  
 true corner

thence N  $12^{\circ}09'1''$  E 11.50 to  
 pt for True SE cor Geo  
 William Frost

Aug 11-1941 Monday  
 All day in Ctho Walker on  
 Dr Button Plot of Hackensack

Aug 12-1941  
 At Hoch 9-30 Harold Eiber & I  
 Set the last of the iron monuments  
 Out 12-40 PM

Aug 13-1941 Time worked

1941

Days

June 25-27-29

3

July 1-3-7-15-18-21-22-23-29-31

10

Aug 2-4-11-12

4

also one man shells July 29 &  
 " COR & I M S

17 days

Talal Bell

85.

July 15-1941 Ch<sup>3</sup>10

Bul

75

Aug 13- " " 10

65



Jack Wendover  
KCMO Broadcasting Station  
Kansas City Mo  
Dec 7-1944

Lakeside Add to Hackensack  
Box 5

375  
750  
1125

8960  
7107  
1853

00K 40

54

621

John K. Adams

22.

Body.

25

201105

87

151

54

57

02.

251

25

2カ

1 Dec 1

37

driv

2045

Kake

24/10

5

Lawe

45. 20

8506

374

1101

72

50

29

40









# Village of Hackensack.

53

Description

Contract for Deed

John J. Barbeau + Julia G. Barbeau

to

Juanita C. Wales

Out Lot No 4 in the Original townsite of the Village of Hackensack, except Lot 65 Auditor's Plot of the NW  $\frac{1}{4}$  of the SE  $\frac{1}{4}$ , Lot 3 and part of the Plat of Hackensack. All in Sec. 19 in Twp 140 N of Range 30 W also beginning at the NE cor of the NW  $\frac{1}{4}$  of the SE  $\frac{1}{4}$  of said Sec. 19, thence West 2 rods along the South line of out Lot 4 in the Village of Hackensack to a point said point being the point of Beginning. Thence West along the South line of Lot 4 to Third St thence South parallel with 3rd St 2 rods to a point. thence East and parallel with the S. line of Out Lot 4 to a point directly South of the point of beginning thence North to the point of beginning

over

Also. Commencing at the NE cor of Lot One (1) of Block four (4) of the Original Plat of Hackensack; thence in a easterly direction along the South line of Whipple Avenue a distance of 40 feet to the point of Beginning; thence in a southerly direction and parallel to the East line of said lot 1 of Block 4 Original Plat of Hackensack a distance of 60 feet thence west parallel to the South line of Whipple Avenue twelve (12) feet thence North parallel to the E. line of said Lot 1 - Blk 4 - Orig Plat of Hackensack a distance of 60 feet to the South line of Whipple Ave. thence East along the S. line of Whipple Ave a distance of twelve (12) feet to the place of beg.

Conveying and intending to convey a portion of Third Street lying between Block 4 and Out Lot 4 of the Original Plat of Hackensack said portion having been heretofore duly vacated



Harry Paddock gives me the Contract  
for deed + I drive to Hackensack  
look things over

I find I.M.s on West side of  
Third Street one at the SE & one  
at NE corner Blk. 3.

58

May 23-1951 Wed

ILv Walker drive to Hackensack  
 where I pick up Wm. H. Loughton  
 @ 8 o'clock drive to Out Lot 4

T over SE cor blk 3 BS N on NE  
 cor blk 3 and run S 80 ft out 60' spike  
 + 60 ft 60' spike. 80 + 140  
 set 60' spike SE corner Blk 4

T still @ SE cor Blk 3  
 Take buildings T @ 00

Garage size 16.3 X 24.1

NE Cor L  $29^{\circ}45'$  - 90.3NW Cor L  $20^{\circ}04'$  -  $90 - 6.7 = 83.3$ SW Cor L  $15^{\circ}30'$  -  $110 - 3.7 = 106.3$ 

Shed size

Shed size 8.3 X 15.3

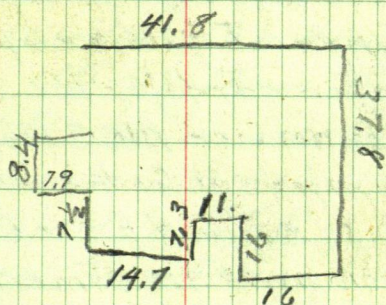
NW Cor L  $12^{\circ}50'$  -  $140 - 12.7 = 127.3$ SW Cor L  $11^{\circ}31'$  -  $150 - 7.7 = 142.3$ 

Pump house size 8.3 X 8.3

NE Cor L  $45^{\circ}03'$  -  $130 - 7.9 = 122.1$ NW Cor L  $42^{\circ}10'$  -  $120 - 3.6 = 116.4$ SW Cor L  $39^{\circ}32'$  -  $130 - 7.6 = 122.4$



House Size 41.8 X - 37.8  
 NE Cor-L 49°08' - 190 - 4.2  
 NW Cor-L 40°00' - 160 - 6.2 =



Travel NE Cor B/K 4 BS N along  
 W. line third St. Turn 90° R and  
 run along S line Whipple Ave  
 $40 - 12 = 28$  ft. Set 60' spike Mark  
 NW Corner, 6 W and 2 ft S of NW Cor  
 garage

60

Hackensack.

Oct 29-1952

Authur Falk of Hackensack Supply Co.  
wants to know where the lines of lot  
8. Blk. 3 Orig. Plat of Hackensack

I drive to Hackensack. arrive @ 10:30  
as I had to copy orig. Plat before I could  
Mr. Walker. Falk says he will help  
after dinner. I go look up Blk. corners  
get Transfer card for the Car.

I go to SE corner Blk. 3 where I find  
a  $1\frac{3}{4}$  inch pipe set for the SE corner  
of said Blk 3 @ the NE cor Blk 3 I  
find @ 1 inch pipe in cement

Note: these I M or pipes were shown to  
me a year ago by the man that helped  
put them in.

P. M.

Falk + I go to NE cor of Blk 3  
where I set T over said 1" pipe  
Falk holds flag on I M at SE cor  
of said blk 3. T on flag Turn  $90^{\circ}$  R  
and run West, along the South  
edge of cement sidewalk. @ 160 ft  
set 60" pipe as close to sidewalk as it will  
go for the NW cor of alley @ 300 ft mark  
+ in cement walk with a pencil True point



for NW cor. Blk 3.

Over 160 foot spike site W on pinal mark  
Turn  $90^{\circ}$  L and run S. along West side  
of alley @ 200 ft set 60" spike @ 250 set  
60" spike for NE & SE corners of Lot 8.  
Blk 3.

Over pencil mark @ NW cor. blk 3 site  
East on NE cor. Turn  $90^{\circ}$  R and run  
S along E. edge of Second Street  
@ 200 mark + with pencil in sidewalk  
@ 250 mark + in top E of sidewalk  
Over 250 Turn  $90^{\circ}$  and mark store  
building where it sticks over into lot  
7. @ this SW cor of Lot 8 - Blk 3 we drive  
@  $2\frac{1}{2} \times 30'$  pipe to mark the SW cor Lot  
8. Blk 3 @ pencil mark at NW cor said  
Lot 8 we drive @  $\frac{3}{4} \times 18"$  drift bolt ~~head~~  
@ spike @ NE cor Lot 8 Blk 3 we drive  
a  $2\frac{1}{2} \times 30'$  pipe 1 inch below ground  
for NE cor @ SE cor we drive a  $2\frac{1}{2} \times 30'$   
pipe for SE cor Lot 8 Blk 3 - below ground  
about 2 inches

Over SE cor site N Turn  $90^{\circ}$  run W  
mark store build where it sticks over  
into lot 7. - get check for 35' talk.



William E Bodenhofers

Filed Aug. 17-1958

Anna Claire Bodenhofers  
to

Charles E. Graham

This Indenture, made this 8<sup>th</sup> day of August 1958 between W. E & Anna Claire Bodenhofers individually and as husband & wife of the Co. of Cass State of Minn. parties of the first Part and

Charles E. Graham of the Co. of Ward State of North Dakota party of 2<sup>nd</sup> Part

Begin at a point on the shore of Birch Lake 660 feet south of the North line of Gov't Lot 3 Section 24 Twp. 140<sup>n</sup>

Rge 31<sup>W</sup> - thence West 180 feet; thence North 120 ft.; thence East 180 ft to the shore of Birch Lake; thence South to the point of beginning, Containing  $1\frac{1}{2}$  ac  $\pm$

Reserving an easement for ingress & egress purposes over and across the present



64

existing road which runs in a North & South direction on the West half of the above described premises.

also. Granting to party of the Second part his heirs and assigns an easement over and across Lots 2 and 3 Sec. 24-140 & 31 Cass Co Minn. for ingress & egress over the same road as now being used for said purpose.

Charles E. Graham Fargo N.D.

(65)

Jan 17<sup>th</sup> 1953 - Sec. 24-140-31

I get another call from Charles E. Graham. 1020 - 5<sup>th</sup> Street N. Fargo N.D. - He will be in Walker @ noon to day.

Ed. & I go to the office get catalog. 22-D-77-S sample book of Paper and price list book No 28 - March 1952

Graham arrives around noon from Fargo - We drive to Hackensack - Stop at Wm Bodenhofers where we pick up Bill - try to drive around E. side of Birch lake to narrows - get part way - road not open - drive back to Hackensack take road across the ice to narrows

Try to go westerly to Graham's cabin have to put chain's on the cars - then we make it fine

Bodenhofers shows us the M.C. set by John Howard on the North line of Section 24

T over M.C. site West on iron. comes out by John Howard along



(6) Lot 3-sec 24-140-31

the N section line of sec 24  
140-31 and Turn  $90^{\circ}$  and  
run. South. can not get through  
the trees along the seawall  
So we extend the north line  
of sec 24 East out on the ice  
To a point on ice Turn  $90^{\circ}$   
and run. South 660 ft set  
point from which we chain  
North 120 ft and set second  
point.

To over second point Turn  
 $90^{\circ}$  & run. West set a point on  
top of seawall for NE corner  
of Graham tract

To over point 660-S. Turn  $90^{\circ}$   
run West set point on top  
of seawall for SE cor of  
Graham tract

To over said SE corner  
continue West 180 feet set  
point for SW cor of said tract

To over said SW corner Turn  $90^{\circ}$   
run N 120 ft set point for NW  
Cor of said Graham tract

Charles E. Graham Fargo ND. (67)  
lot 3 - Sec. 24 - 140 - 31

at all four corners we drive  
2X30" iron mon.

rough chain from NW to NE  
corner about 135 feet

Charles E. Graham gives  
me his check for \$40.00

Ed + I drive back to Walker  
pay \$30. on store bill.



Wed April 28 1954

I Lr Walker get rod from Cole's  
office drive to Hackensack. see  
Frank Williams who gets me a man  
E. F. Miller

Turn I M NE Cor block 3 orig  
Plat of Hackensack Site S on SE  
Cor. I M run N on offset to street  
line 44.6' 60° spike N side street

Turn 44.6 site S on SE Cor Blk 3  
Turn 90° run W. set 60° spike between  
main and side Tract and one W of main  
tract. Turn each spike Turn 90° and  
chain S 44.6 at each point to put  
60° spikes on S side Lake Ave.

Turn 60° spike on Street line between  
tracts site W through spike on st line  
+ run W 100 ft from E main tract.

Tract  $5.9 + 2 = 2.95 + 48 = 50.95 + 49.05 =$   
100 ft. set 60° spike Turn NE cor outlet  
A. + 33.65 spike but about on shore  
line. Turn 33.65 Take shore site E along  
S side of Lake Ave

run N 6° 40' E 50' + 40

N 30° W 15'

Start work about 11 AM





B.M.	+	-	H.I.	Elev.	B.M.
2.40			1388.84	1388.84	1386.441
T.P. 3.40	3.40			1389.84	
3.15		3.15	1386.69	1389.69	
T.P. 3.00					
		2.00	1385.69		

12

2.81	page	1389.20	1386.44
See			
4.26		1387.60	1383.34

T.P. 1.34

1.04 2.24

T.P. 3.16

2.12

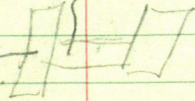
T.P. 5.85

3.25

Dam

5.79

5.19



7.1

G. 183  
1935

ELEV 1386 441 ft  
above Mean sea level BM

#1

T

above Elev.

2.10-

water

Sand bar

9.50

8.49

6.62

→ 29' 8 1/2 ft

3

9.85-

8.40

6.52

→ 31'

old 5 ft

6.53

→ 32'

See page 1



Sta	- S	HI	+ S	Elev
B.M.		1389.25	2.81	1386.44
T.P.	346	1392.76	6.91	1385.85
Hi	4.26	1392.76	5.91	0
T.P.	426	1382.93	1.34	1381.59
T.P.	3.24	1381.51	3.16	1378.35
T.P.	2.12	1382.08	5.85	1376.23
T.P.	3.25			1372.98

B.M.	- S	HI	+ S	Elev.
B.M.				1386.44
		1389.25	2.81	
	6.91			1382.34
		1386.60	4.26	
	1.34			1385.26
		1386.50	3.24	
	3.16			1385.34
		1387.46	2.12	
	5.85			1381.61
		1384.86	3.25	
	5.19			1379.67
	5.78			1379.07
	7.10			1377.76

Top of  
Abutments  
Top of  
Crest  
Bottom  
of spillway



FULLY BONDED

Registered Land Surveyor

Minn. Reg. No. 3417

OFFICE PHONE KI 7-1621

RES. PHONE KI 7-1057

## HAROLD CURO

COUNTY SURVEYOR

CASS COUNTY, MINNESOTA

WALKER, MINNESOTA

"2"

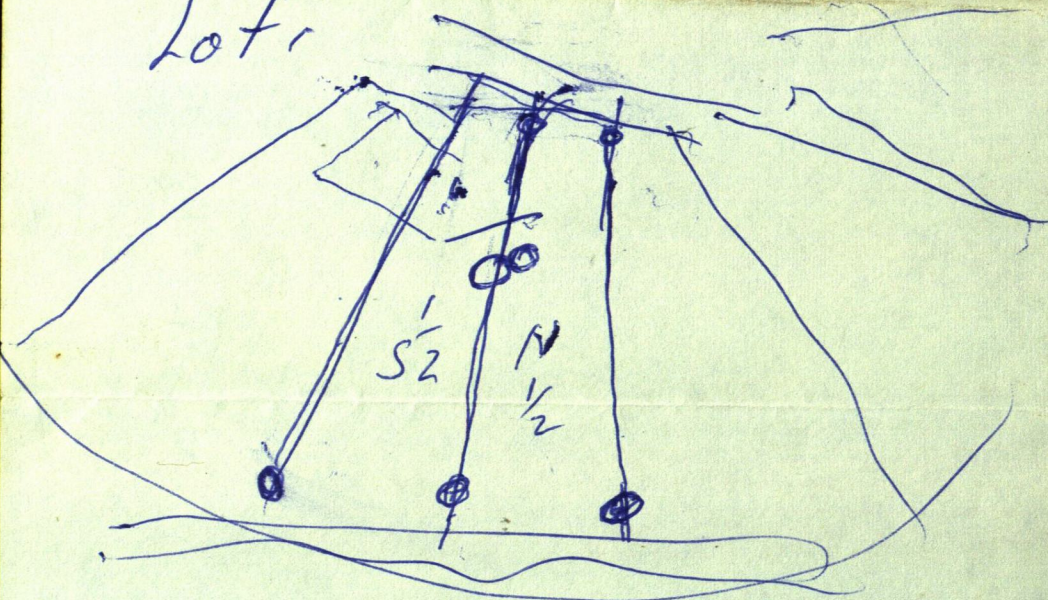
I have been to see Jack Hayward several times to get the money I have coming and the only time I heard anything about a road was when I get your letter. If they are going to build a road some where I know nothing about it.

The whole thing in a nut shell is that I was working for Jack Hayward by the day for which he still owes me \$ 1000 which I am trying to collect.

There was no contact. When working by the day when they hire another surveyor your work is finished as far as you go. If the other surveyor can not locate starting point that is his bad luck.



North  $\frac{1}{2}$  of Original  
Lot 1



Francis Steinbrink

$$\begin{array}{r} 340 \\ 930 \\ \hline 33065 \end{array}$$
$$\begin{array}{r} 99997 \\ 92 \\ \hline 199994 \\ 89999634 \\ \hline 9199924 \end{array}$$







74

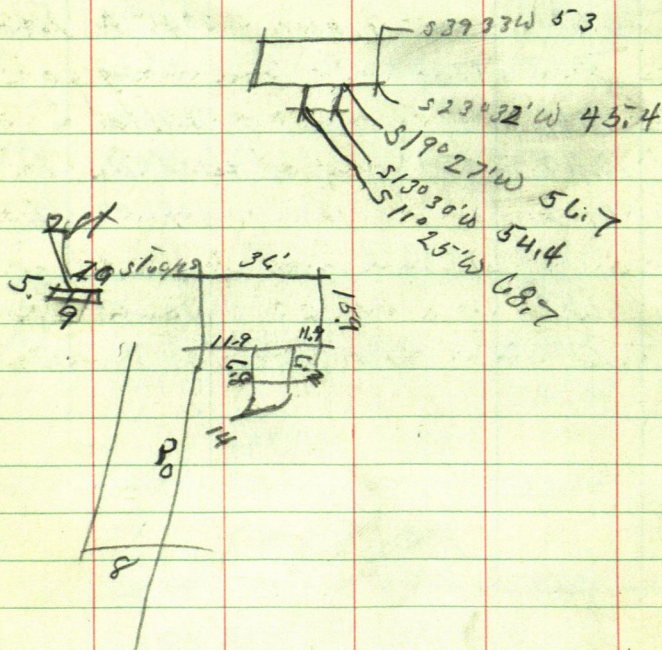
Tower NE Cor Out Lot A

Site West on street line

Lead of Lodge on Bldg,

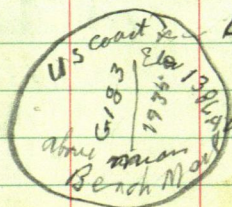
NW cor S  $39^{\circ}33'W$  53

S



From NE Cor out Lot A BM sets

S  $18^{\circ}48'E$  201.3'



Geodetic survey

above mean sea level

Asher Murray deeded to the Village of Hackensack for a Park or Public Park. O. H. Kading Mayor of Hackensack. Letter says: the deed states commencing at the S.E. corner of said Outlot A run 400 ft N place of beg. then West to the lake then along Lake shore to the NW corner of said Outlot A then E to the NE corner of said Outlot A then South on E line to place of beg. He says I can find the deed was Recorded in Book 22 of Deeds on page 164 in the Office of the Reg. of Deeds Walker Minn.



Deed Book 22 page 164

Asher Murray's Wife  
toFiled Aug 19  
1913

The Village of Hackensack

All that Part of Reserve Lot A in the  
Village of Hackensack Minnesota  
described as follows:

Commencing at a point on the East  
line of said Reserve Lot A 400 ft N  
from the SE corner of said Lot  
thence west on a line parallel to S  
line of Whipple Avenue to the shore  
of Birch Lake thence Northerly along  
the shore of Birch Lake to the NW cor  
of said Reserve lot A. Thence Easterly  
along the N line of said lot to the  
NE corner of said lot Thence  
Southerly along the E line of said  
lot to the place of beginning

This Deed is given in consideration  
that said Village of Hackensack shall  
beautify said tract by planting trees  
on same and maintaining it as a  
Public Park

And if said Village shall fail or neglects  
to use said ground for a Park for a period  
of two years said land shall revert to  
said grantors



J.S. Zumwalt Manager

Crow Wing Cooperative Power  
& Light Co. Brainerd 94 map

April 20 - 1954 Ph. 2827

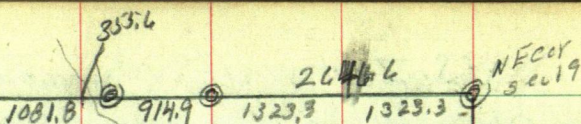
as J.S. Zumwalt has asked me  
to run out a substation for him  
at Hackensack, being a tract of land  
located somewhere in the SE  $\frac{1}{4}$   
NE  $\frac{1}{4}$  Section 19-140-30 land owned  
by Albert Elthorn Hackensack,  
as Elthorn owned the E  $\frac{1}{2}$  and the E  $\frac{1}{2}$   
of the W  $\frac{1}{2}$  of the SE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  has  
sold two tracts both being in the South  
120 feet I will have to stay E of the  
E of the W  $\frac{1}{2}$  of said SE-NE and North  
of the 120 feet sold. I look up old  
survey records of work done in Sec.  
19, and copy plat found in the County  
Record Book C of Survey Records, the Notes  
of which are missing Plat is on Page  
437 of Book C. Record No 463

copy on Next page

Land recorded in name of  
Albert O. Elthorn  
Ingo Elthorn



78



Crooks W @  $\frac{1}{4}$  cor. 29.12 ft.

2639.9.

NE  $\frac{1}{4}$  Sec 19.

78

1323.3 2646.6 1323.3

2646.6

1321.65 ±

1321.65

330.41

660.82

EX  $\frac{1}{2}$

W  $\frac{1}{2}$

EX  $\frac{1}{2}$

FW  $\frac{1}{2}$

26401

330

6601

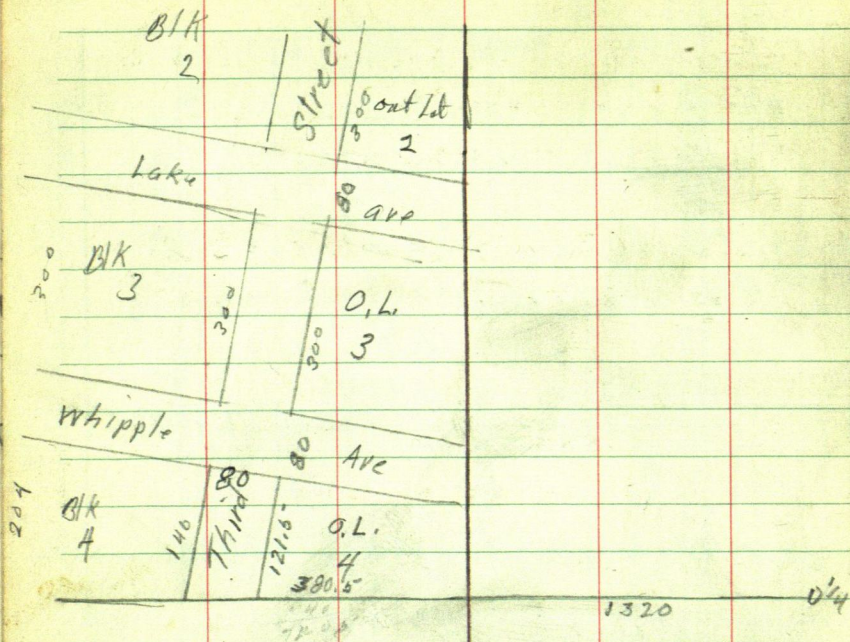
1320

264

1320

angle at SE cor of NE  $\frac{1}{4}$  + 0°03' = angle  
for  $\frac{1}{2}$  W  $\frac{1}{2}$  of SE  $\frac{1}{4}$  NE  $\frac{1}{4}$





Sat April 21-1956

Don't I to Hockersack try and  
work T on line between  $\frac{1}{4}$  E side Sec 19  
an I on S line BIRH Orig Plat of Hooker  
can not do so because of big white pine  
trees & limbs T on top site on  $\frac{1}{4}$  IM  
and chain from  $\frac{1}{4}$  West along E road  
random E & W Sec 19 @ 300 pin 600 pin  
900 pin @ 1000 pin -  $6.3 \pm 993.7$  hnt  
 $1000 + 274.0 = 1274$  hnt  
from hnt under T chain E down hill  
@ 272.9 E to hnt 1274 W of  $\frac{1}{4}$

1320  
1274  
46

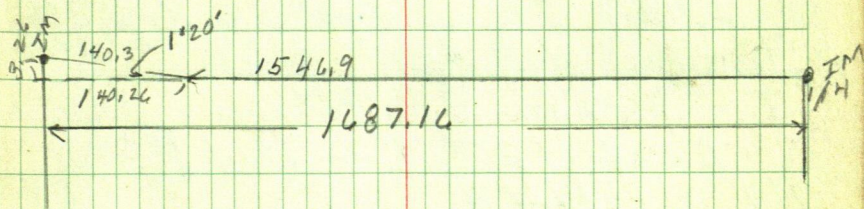
81

From T@ 1546.9 W of  $\frac{1}{4}$  IM S side  
BLK 4 Orig plat of Hackensack sets  
R@ N  $1^{\circ}20'$  - 140.3 ft

$1^{\circ}20'$

SIN  $\cdot 023269 \times 140.3 = 3.26$

COS  $\cdot 999729 \times 140.3 = 140.26$



$3.26 \div 1487.16 = .0019322411$   
990

but 993.7 W goes N 1.92 to line

" 1274 W " N 2.46 " "

" 1546.9 W " N 2.99 " "

$$\begin{array}{r} 19322411 \\ 990 \\ \hline 1739016990 \\ 11739016990 \\ \hline 19129186870 \end{array}$$



82

April 26 - 1956

Work at court house figuring angles to Sec 19 - 140 - 30 and courses as the  $\frac{1}{4}$  corner on E side of Sec 19 is in to get the E & W  $\frac{1}{4}$  line from SE cor of Bk 3 IM chain S 80 ft to NE cor Bk 4 and continue S 140 ft to SE cor Bk 4 as I have IM in E of S end of 3rd St. which has been closed.

I can chain S as follows

The E side of 3rd St. is 121.5 ft S of NW cor out lot 4

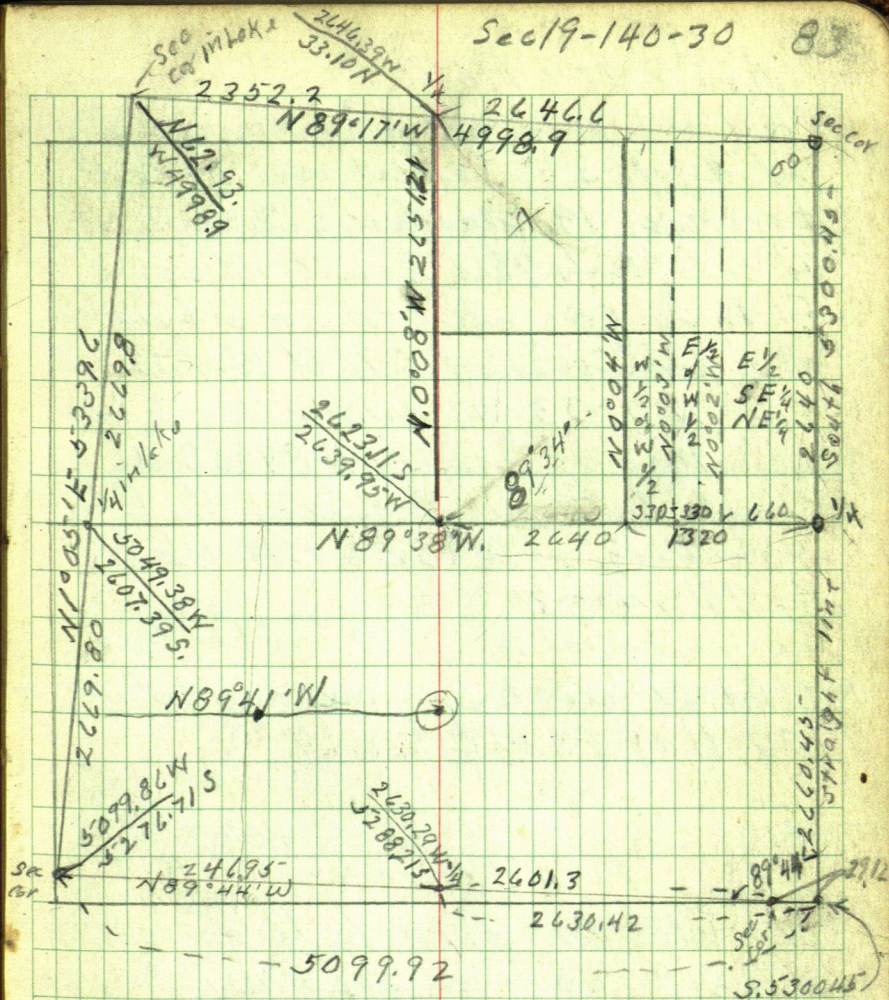
The West side of 3rd St. is 140 ft S of NE cor Bk 4 - 3rd St is 80 ft wide

121.5 -

140  
2) 2615 — 130.75 ft from IM E 3rd St

South side Whipple Ave  
Set line with IM near SW cor of Garage. These 2 iron pipe were set by me the N one to mark S side Whipple Ave and E of 3rd St the other to mark E of 3rd St. to show where the line of the Property to the E which gets to E of the closed part of 3rd St. I set an IM on the  $\frac{1}{4}$  line E of 3rd St. It has been plowed out or taken out for a garden spot.





Note old Records give distance around sec. 19, also ~~NW~~ angle at SE Cor being the angle of a straight line from NE Cor throu  $\frac{1}{4}$  to a point 29.12 ft E of SE Cor. and the true S line extended E to intersect same. Everything else being figured in office from that angle, an distance around sec. and to  $\frac{1}{4}$  posts.



84

April 26<sup>th</sup> 1954

a line from pt at intersection  
of  $\frac{1}{2}$  of 3<sup>rd</sup> Street and the E+W  
 $\frac{1}{2}$  of sec. 19, need distance as plot  
to Establish this point straight  
E to  $\frac{1}{4}$  cor should be a true line  
at a distance of 990 ft W of  $\frac{1}{4}$  IM  
run N 0° 03' W using the E+W  
Center line of figured N 89° 38' W  
should be the West line of the E  $\frac{1}{2}$   
of the W  $\frac{1}{2}$  of the SE  $\frac{1}{4}$  of the NE  $\frac{1}{4}$  of  
Sec 19-140-30

as part of of the S 120 feet has been  
sold. I have to be sure and stay  
120 N of E+W  $\frac{1}{2}$  Sec. 19.

May 1-1954

Lo Walker drove to Hackensack  
Albert Thomas was here at 9 AM  
as I do not get there until 10-15  
he has left for home I go get him  
we chain 130.75' along  $\frac{1}{2}$  of street  
(Closed) set 60° spike for Village line  
on E+W  $\frac{1}{2}$  according to plot thereof

$$\begin{array}{r} 130 \\ 200 \\ \hline 330 \end{array} \quad \begin{array}{r} 330 \\ 2.1 \\ \hline 327.9 \end{array}$$

86

Tower spike on top 1546.9 W of  $\frac{1}{4}$  IM  
flag at spike in & closed st. on  
E & W & bears N or R  $1^{\circ}21'$  - 1577 + 33192.7

Since

cosine

we old correction on page

we correct hub 1274

from hub 993.7 chain W 3.7 to 990

correct hub 990

Tower 990 Site N  $89^{\circ}38'W$  along  
E & W & + run N  $0^{\circ}03'W$  out 3 spikes  
on line Near SW cor of property

At still at 990 run N  $30^{\circ}44'E$  327.9

ft to pt for IM SE cor of 50 ft  
strip.

Then SE cor BS. S  $30^{\circ}44'W$  on spike 990  
and run N  $89^{\circ}38'W$

Tower Temp SE cor run N  $0^{\circ}03'W$  12 ft  
out spike for SE cor + 50 ft out spike  
for NE cor of 50 ft strip

from SE cor to SW cor 167.95'

The SW and NW corners are on the  
W line of the E  $\frac{1}{2}$  of W  $\frac{1}{2}$  of SE  $\frac{1}{4}$  of NE  $\frac{1}{4}$   
Sec 19 T140 R30



86

2.1 off.

May 8<sup>th</sup> 1956

Tower 1/4 bel. Sec. 19-20-140-30

Site Eon hub. Wandat 90° run S 1°20'W

763.35 to Sta 1

Tower 1 BS N 1°20'E + run S 10°31'W<sup>E</sup>

207.9 Sta 2

Tower Sta 2 BS N 10°31'E run S 60°07'E

338.25 to Sta 3

Tower Sta 3 BS N 60°07'W run S 54°36'E

324.30 to Sta 4

Tower 4 BS N 54°36'W run N 89°56'E

210-300, -250 + 250, +300 + 200 + 400 + 102.5

Sta. 5

Tower 5 BS S 89°56'W + run S 0°21'W

360 + 300 + 230 + 229.4 Sta 6

Tower 6 BS N 0°21'E run S 89°29'E 266.15

Sta 7

Tower 7 BS N 89°29'W run S 56°22'E

227.75 to Sta 8

Tower 8 BS N 56°22'W run N 89°54'E

190.0 Sta 9

Tower 9 BS S 89°54'W run N 51°30'E

143.3 to Sta 10

Tower Sta 10 BS S 51°30'W run S 50°53'E

193.25 Sta 11

Tower 11 BS N 50°53'W run S 75°39'E

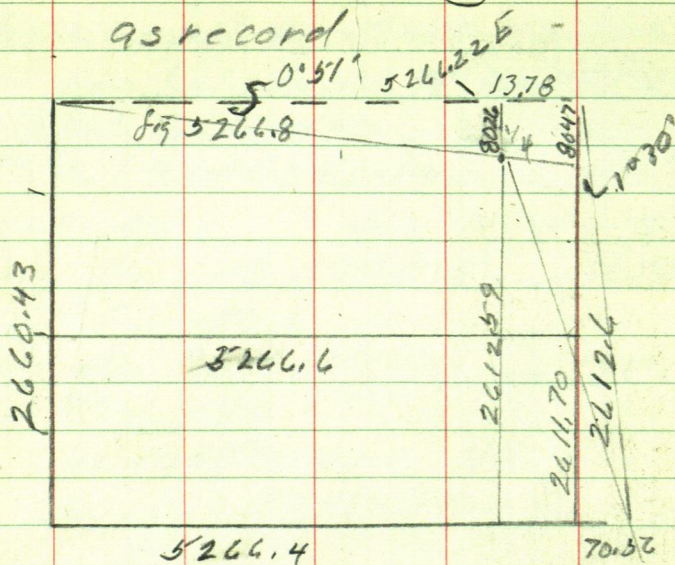
222.35 Sta 12

Turn 12 BS N  $75^{\circ}39'W$  run N  $87^{\circ}54'E$   
510.75 No 13.

Turn 13 BS S  $87^{\circ}54'W$  run S  $88^{\circ}02'E$   
 $300 + 300 + 300 + 60 + 20 + 12.9 = SE Cor Sec$   
20 - 140 - 30 IM.



as record



$$80.47 \div 5266.8 = 0.01524053 = 0^{\circ}51'$$

Sim 1014835-X

$$\cos 90^\circ = 0 \quad 999890 \times 5246.8 = 5246.22 \text{ E}$$

576 5280 ~ 5280E

5266.8 mK 5266.22

13.78

Sept 5280 E gals E 13.78 Thence S

$$01524053 \times 526622 = 80.26$$

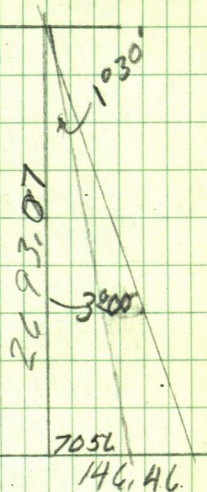
$2698.07.5 + 80.20 = 2613.2.1$  of cor and

$$7056 + 13.78 = 84.34 \text{ E}$$

$$84.34 \div 26.6781 = .0322424 = 0^{\circ}11'$$

Tang.  $999995 \times 2612.6 = 2612.59$

$$\begin{array}{r} 5280 \\ 1378 \\ \hline 5266.22 \end{array}$$



$$146.46 \div 2693.07 = .054384 = 3^{\circ}00'30''$$

$$2705.6 \div 2693.07 = .0262 = 1^{\circ}30'$$



95

Sta	course	dist	sine	cosine	N
00	=				
0	West	5280			
1	S1°20'W	763.35	.023269	999729	
2	S10°31'E	207.9	.182522	983202	
3	S60°07'E	338.25	.867042	498236	
4	S54°36'E	324.30	.815128	579281	
5	N89°56'E	2012.50	.999999	001164	2.34
6	S0°21'W	1119.40	.006109	999981	
7	S89°29'E	266.15	.999956	009017	
8	S56°22'E	227.75	.832599	533876	
9	N89°54'E	190.00	.999998	001745	0.33
10	N51°30'E	143.30	.782608	622515	89.21
11	S50°53'E	193.25	.775863	630902	
12	S75°39'E	222.35	.968800	247845	
13	N87°54'E	310.75	.999328	036644	18.72
14	S88°02'E	992.9	.999411	034318	
					110.60

Note 5280 E of  $\frac{1}{4}$  but her 19-20 is  
 2693.07 N of SE cor sec. 20 & should  
 be. 2612.6 and pt 5280 E of  $\frac{1}{4}$   
 should go S 80.47

S E W

remarks

			Point on Random 5280' E of IM 1/4 bet 19-20
		5280	IM 1/4 bet 19-20-140-30 Location
763.14		17.76	
204.41		37.95	Check to see if this runs S-W or S-E
168.53	293.28		
187.86	264.35		This 37.95 goes E
	2012.47		Not West
1119.38		6.84	
23.10	266.14		
124.15	189.62		
	190.00		
	112.15		
121.92	149.94		
55.11	215.41		
	570.41		
34.07	992.32		To IM SE Cor Sec. 20

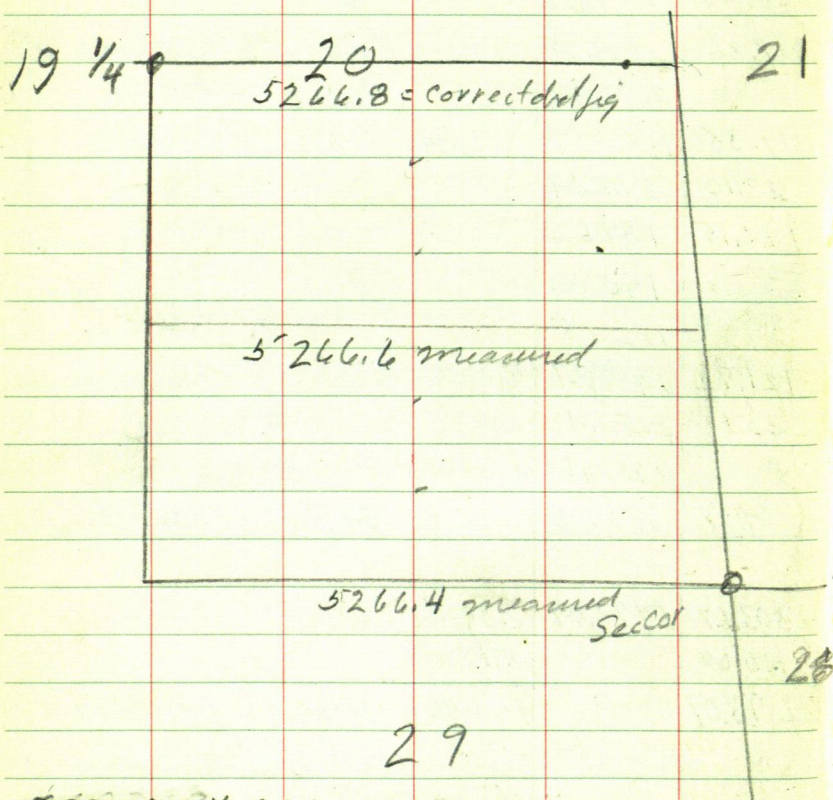
2803.67	5196.09	5342.55
- 110.60		5196.09
2693.07		146.46

Note: if from Sta 1 we ran S-E cor would be 70.56 W if it is S-W, then cor would be 146.46 W of 5280 E of 1/4 bet Sec. 19-20

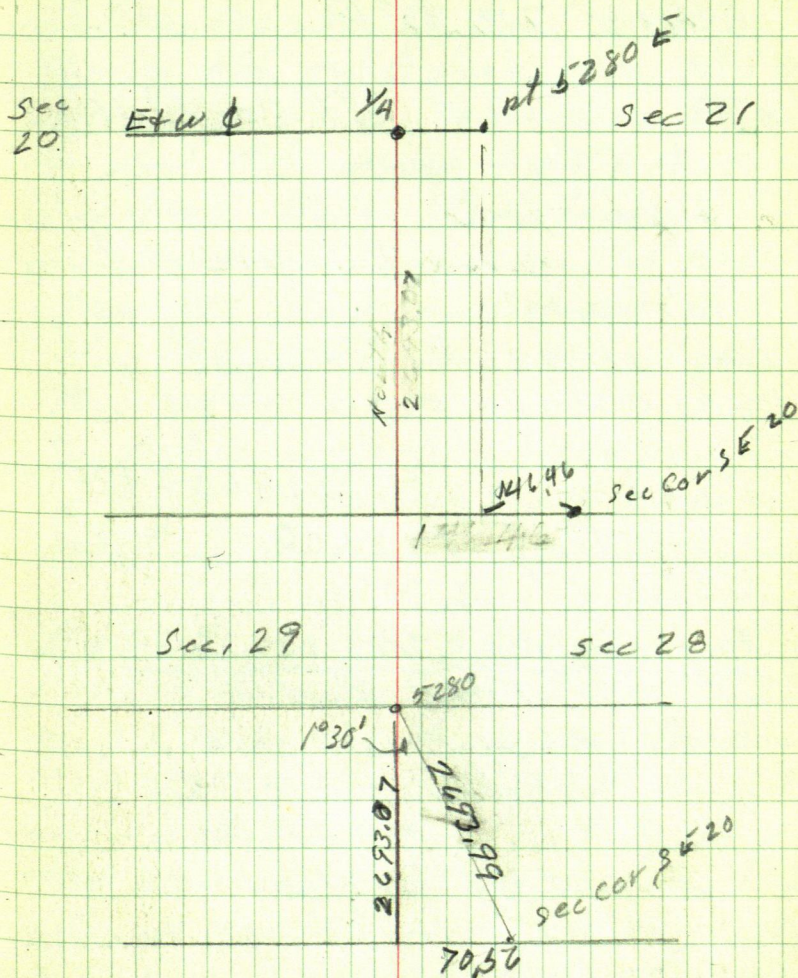


92

figuring  
 Point for  $\frac{1}{4}$  E side Sec 20-14030



$$99965.7 \times 2493.99 =$$



Sine 026177

Cosine 999657 into 2693.07 = 2693.99

Tang 026186

Cotan 38.188459



94

77.35

@ 52 46.22 E  $\frac{1}{4}$  IM Set 5  
 0.41' E 77.35 ft

Tower IM E bet 20-21-140-30  
 Take ties

Poplar 10 S

Correction for EW & Sec 20

0.41' - 77.35'

Sine 011 926 X 77.35' = .92

Cosine 9999 29 X 77.35' 77.34

52 46.22

.01468349

77.34.00  
 32 67.14

Engineering Service Inc.

Mr. Fred Reddy

4331 Adair Ave

Robbinsdale 22

Minnesota.

by Nels Drolson

May 9-1956

I figure until almost midnight  
in the Office to find where  
the  $\frac{1}{4}$  cor. on E side Sec. 20-14030  
should go from random E & W  
& Sec. 20. ran by REA  
Surveyor Nels Drolson

I work on figures until noon  
then get Bert and drive to  
Hackmeack for coffee & put  
them out to within 300 ft of  
 $\frac{1}{4}$  between 20-21-140-30 where  
I find Nels Drolson & his man  
waiting for me.

from his spike but on his random  
E & W & sec 20-5280 his measurement  
E of IM  $\frac{1}{4}$  Wide Sec. 20. we chain  
W. 13.78 and set spike on this Random  
Tower 13.70 W or 5266.22 E turn  $90^\circ$   
and ran S 80.47 at 609 spike  
this seems to come too close to old BT.  
stump we dig and find the bottom  
of old stake rotted and set a  $2 \times 36"$   
IM for  $\frac{1}{4}$  bet Sec. 20-21-140-30  
from hub 5266.22 E IM sets S  $64^\circ 1'E$   
77.35.



96

25

26

27

Sec. 26 - 141 - 31

Get a letter from Fritzgarold  
Attorney at City Hall Brainerd  
a Dr. Lee Owns Lots 1 & 2 Sec  
26-141-31 - as someone is  
cutting timber in Sec 23 just N  
of Dr. Lee property - he is a  
fraid they will get some of his  
trees and wants his N line  
re-established - I write his  
attorney that I want \$150 to  
establish said line and that I  
will run out all the line of  
Lot 1 & 2, Sec. 26 - for \$300  
get letter back to go ahead  
the sooner the better  
as it is deer season I can  
not do much work on Sat  
Nov 24 1956 Don and I  
drive to Sec. 26 Don goes on  
a deer stand and I try and  
find some of the old corners  
set by E. B. Horst in 1920 to 1922  
when sub-divided said Sec. 26  
I find one Iron pipe do not  
know which corner it is



98 Sec 26-14/31 (2) Dr. Lee,  
Nov 26 I talk to Roy Krueger  
Krueger's have owned the N $\frac{1}{2}$   
of NW $\frac{1}{4}$  Sec 26 for many years  
Roy says the road ~~in~~ to  
their farm after Lu old 19  
runs along the Sec. line

Nov 27 - 1956

Ed & I drive to Sec 26-14/31  
at Krueger gate we Lu the  
car and try to follow old fence  
S. but loose it walk S $\frac{1}{4}$  mile  
to I.M. I found Sat. we go S  
from I.M. but ground is all  
high hills and open swps  
go back to I.M. and cut line  
East in line with fence  
running West. home for dinner  
PM

take X and set it on top of hill.  
400 ft  $\pm$  E of I.M. set on I.M. +  
run West setting hubs to Old State  
highway 19. quit at dark

Nov 28 1966

Ed + I to N 1/2 line Sec 26-44-31  
 Tower but 60' spike wedge Old State  
 Hy No 19 continue our random  
 N 1/2 line E. Spike on top no chain  
 Tower 60' spike on top Site W Transit  
 telescope Turn L-N 10° 22' 35" to IMME

Nov 29 1966

Ed stayed home 2 days and  
 Don was to stay home from school  
 to help me to-day and to-morrow  
 but Don went to school so I have  
 no help. go to Office

figure

PM

I go open up line's of N 1/2 line IM



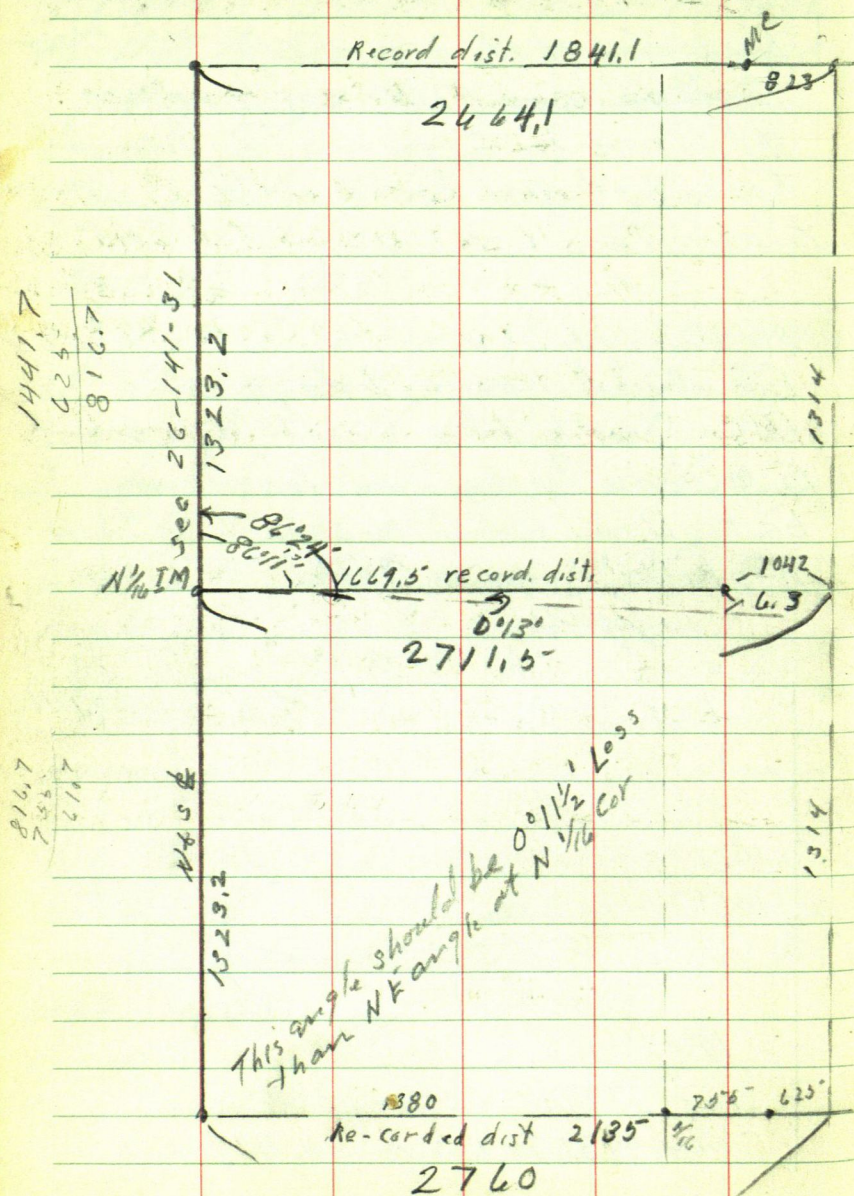
$$\text{Sine } 179947 \times 35' = 6.30$$

$$\text{Cosine } 983676 \times 35' = 34.43$$



100

Dr. Lee  
Elizabeth S & Hubert W Lee Bramford



$$6.3 \div 1669.5 = .0037735849 = 0^{\circ}13'$$

old Re-corded Notes Record Book  
C, page 468

We go to Portage Lake & set Temp corners  
on ice for all points that fall in the lake  
being the NE cor Sec 26. at 823 ft W  
of M.C. - N  $\frac{1}{4}$  cor. bet 25-26. S 1314.0  
-  $\frac{1}{4}$  cor bet 25-26 - 2628. ft  
- M.C. S side of lake S 2914.0 from NE cor  
Sec. 26.

Beg. at  $\frac{1}{4}$  Cor pt. on Portage Lake & run  
N 89° 30' W. (mag. brg. var 8° 45' on a random line  
E + W  $\phi$  @ 550 by lake @ 625 set Temp MC  
@ 1441.7 <sup>= 816.7 from MC - 61.7 from  $\frac{1}{4}$  Cor E.M.</sup> Mark pine snag @ 2400. inter-  
surg. @ 2815 PI N + S - E + W  $\phi$  S 2664.2 N  
continue W and fall 24.8 ft N of true  $\frac{1}{4}$  cor  
bet Sec. 26-27



Nov 30-1954

John & I drive to sec 26-141-3  
open up line along Krueger  
fence to I M @ Krueger's SE cor  
have to dinner  
P.M.

John & I cover I M N  $\frac{1}{4}$  or N & S  
E sec 26 site N along old fence post  
& run South

NE angle of this line and N  $\frac{1}{4}$   
random line is  $86^{\circ}24'$

John & I cut E South setting  
60° spike hubs at hub on ridge between  
map I M cor SW cor Gov't lot 2  
bears. R.  $1^{\circ}55'154.3$  ft

$$\text{Sine } 033446 \times 154.3 = 51.6$$

$$\text{Cosine } 999441 \times 154.3 = 154.2$$

$$\begin{array}{r} 0038996372 = 0^{\circ}13'4 \\ 1323.2 \overline{) 57.600} \end{array}$$

Sat Dec. 1 - 1956

Ed - Don + I to Sec. 26 - 141 - 31

Don cuts line Ed + I chain

Begin at I M SE cor Krueger's property  
chain N 200 stake + 220 = 420 p.m. -

5.9 = 414.1 but 60 ft spike + 180 = 600

p.m. + 100 = 700 enter S end of ramp

20 ft ± N of south end at 800 L @

900 p.m. - 11.4 = 888.6 but on path

900 + 300 = 1200 + 123.2 = 1323.2

distance called for in records + on plat  
of subdivision of sec. 26 as on file

We miss the MC IM on shore of  
Portage lake 0.2 to the N we

miss another IM on top of bank  
92.4 ft W of MC @ 92.6 my 60 ft spike

but into S of IM 55 of a foot,

We lose this line and go

South to E & W of Sec 26

Then I M West side of road old 19,

1-3 site E on I M MC and run W

@ 755 (distance given in old notes)

We find the I M NW cor Gov't Lot 3

as our line will miss this I M. I go

back and work T on line between

MC & this I M. the line will run



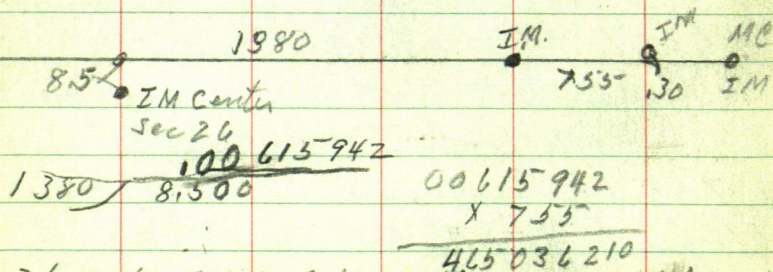
Dec 2-1956

S of IM under T .30 of a foot  
 We continue West  
 and miss the IM center of sec.  
 26. N. 8.5 ft.

I do not know what IMs  
 are not in the right place.

The IM in center of sec 26  
 I am sure is where E. B. Horst  
 put it as there is no signs of  
 any lines leading from it,  
 and it sets in map.

Gus. Holmstrom of Brainerd  
 did some work here a year or so ago  
 and might have moved a iron  
 or two as he does whenever his line  
 does not come out to them



if center IM is OK and the IM N W cor of  
 lot 3 is OK then the IM at MC should  
 go N 4.65 ft

if Gus. moved the I Mat NW cor lot 3  
then Living the M.C. OK.

$$\begin{array}{r} 13.80 \\ 755 \\ \hline 2135 \end{array} / \begin{array}{r} 1,0039812646 \\ 8,500 \end{array} \times 755$$

$$3,005-8547730$$

then the NW Cor Lot 3 goes N 3.8 ft,  
to be in a line with Center IM and  
M.C. the way things look the M.C.  
is the I M. Gus. moved as reset  
if the one Horst set was missing

Mon. Dec 3 1954

in office fig. E line Sec. 24 from  $\frac{1}{4}$  N to  $\frac{1}{4}$  E  
Length of the  $\frac{1}{4}$  mile 1314 ft and along N to E  
distance is 1323.2 Length of E E is 2760  
Length of N  $\frac{1}{4}$  E of E is 2711.5 = 48.5 difference  
length of E line of Sec. 1314. into 48.5 = .03691  
or, S 2°07'E

Dr. Hubert W. Lee  
Brainerd



106

1956

Sec. 26 - 141-31

N  $\frac{1}{2}$  NE  $\frac{1}{4}$  Sec 26 belongs to Krueger'sS  $\frac{1}{2}$  NE  $\frac{1}{4}$  Sec 26 - " State of MinnN  $\frac{1}{2}$  SW  $\frac{1}{4}$  + S  $\frac{1}{2}$  SW  $\frac{1}{4}$  " U.S. of AmericaLots 1 & 2 = all of NE  $\frac{1}{4}$  belong to Elizabeth G. + Dr. Hubert WheelerNE  $\frac{1}{4}$  - SW  $\frac{1}{4}$  belongs to U.S. of America

Lot 4 = Park Point plat

Lot 3.

East 170 ft N of old 19 = Alvina Kubo

W 250 of E 420 N of old 19.

Less E 100

Oluf + Bertha Hanson

E 100 of W 250 of E 420 N of H 19

Roy C. + Eda C. Cole

100

1957

Feb. 10 9:1957 Saturday

Don & I get spikes & this  
back drive to Emory Collins road  
Lucar walk back to top of hill

Sto 50 = 0°18' R

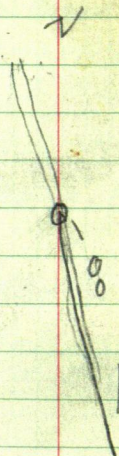
" 100 = 2°30' R

" 150 = 5°03' R

" 200 = 7°10' R

" 250 = 8°42' R

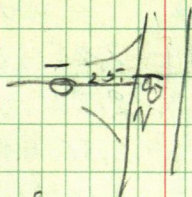
" 300 = 9°32' R



from top HI	every 10'	contin
Elev 100'	2.25'	reach 2.22 up 836
		2.36 d. 862
		2.58 d 885
		2.95 904
		3.4 933
		3.94 962
		4.35 995
		5.24 10.50
		6.04 11.05
		6.73 11.70
		7.36 +3' 9.45
		7.79 +3' 10.25
		8.15 +3' 10.85
		+8.19.50
		+8.21.05
		+4-11.75



Ermer's road to 258 ft S of T



going S.

Ant on top El 100

HI

0.3.	0.52	100 ft	T.P.	H T	
	0.98		10.36	0.17	1.4
	1.67			"	2.65
	2.72				3.84
	3.90				4.97
	5.10				6.15
	6.5				7.15
	7.90				8.2
	9.20				8.85
10.36					9.54
					10.18
					10.72
					11.16
					11.57
					11.8
					12.1
					12.15
					12.15
					12.15

110

Red roads

N

Sta 0	HI	+ S	Red roads - S	Elev	Elev. ass.
00				100	100'
	102.25	2.22	2.25	100.03	
+ 10			2.22	100.3	
+ 20			2.36	99.9	- .10 down
+ 30			2.38	99.7	.30 "
+ 40			2.95	99.3	1.0 "
+ 50			3.40	98.9	1.1 "
+ 60			3.94	98.4	1.6 "
+ 70			4.63	97.7	2.3 "
+ 80			5.24	97.1	2.9 "
+ 90			6.04	96.3	3.7 "
100 Sta 1			6.73	95.6	4.4 "
+ 10			7.36	94.9	5.1 "
+ 20			7.79	94.5	5.5 "
+ 30			8.15	94.1	5.9 "
+ 40			8.36	93.9	6.1 "
+ 50			8.62	93.7	6.3 "
+ 60			8.85	93.4	6.6 "
+ 70			9.04	93.3	6.7 "
+ 80			9.33	93.0	7.0 "
+ 90			9.62	92.7	7.3 "
+ 100 Sta 2			9.95	92.3	7.7 "
+ 10			10.50	91.8	8.2 "
+ 20			11.05	91.2	8.8 "
+ 30			11.70	90.6	9.4 "



$$\begin{array}{r} 88.8 \\ 11.2 \\ \hline 100.0 \end{array}$$

111

Rod reads		Elv	=
Sta 2 + 40	12.45	88.8	11.2 down
+ 50	13.25	89.0	11.0 "
+ 60	13.85	88.4	11.6 "
+ 70	14.20	88.1	11.9 "
+ 80	14.50	87.8	12.2 "
+ 90	15.05	87.2	12.8 "
Sta 3	15.75	86.5	13.5 "

112

Feb. 9 - 1957

N. S

Sta 0	HT	Elev 455	rod reads		Elev.
		100	- S	+ S	
Sta 0	100.30		1.30	down	
+ 10			1.52	0.2	99.8 = 2
+ 20			1.98	0.7 down	99.3
+ 30			1.67	1.4 "	98.6
+ 40			2.72	2.4 "	97.6
+ 50			3.90	3.6 "	96.4
+ 60			5.75 <sup>20</sup>	4.9 "	95.1
+ 70			6.50	6.2 "	93.8
+ 80			7.90	7.6	92.4
+ 90			9.20	8.9	91.1
Sta 1			10.36	10.1	89.9
Sta 1.		T.P.		0.17	
+ 10	90.1				
+ 10			1.40	11.3 down	88.7
20			2.65	12.6 "	87.4
30			3.84	13.7	86.3
+ 40			4.97	14.9	85.1
+ 50			6.15	16.1	83.9
+ 60			7.15	17.1	82.9
+ 70			8.20	18.1	81.9
80			8.85	18.8	81.2
90			9.54	19.4	80.6
Sta 2			10.18	20.1	79.9
+ 10			10.72	20.6	79.4
+ 20			11.16	21.1	78.9



Sta 2	rod reads	Elev	down
+ 30	11.57	78.5	21.5
40	11.80	78.3	21.7
50	12.10	78.0	22.0
60	12.15	77.9	22.1
70	12.15	77.9	22.1
80	12.15	77.9	22.1
90	12.2	77.9	22.1
Sta 3,	12.10	78.0	21.1

$$\begin{array}{r}
 85.1 \\
 1.49 \\
 \hline
 1.00
 \end{array}$$

Ed &amp; I check road

 $\pi$  on hill 00 site S on  $\Phi$ Transit telescope and run <sup>extended line</sup> 50.  $\Phi$   
N,  $8^{\circ}51'$ .@ 50  $\Phi$  7 ft L@ 70  $\Phi$  9" L@ 90  $\Phi$  11 L@ 110  $\Phi$  11 L@ 130  $\Phi$  9 L@ 150  $\Phi$  9 L@ 170  $\Phi$  7.5 L@ 190  $\Phi$  6 L@ 240. - 2.3 pt in  $\Phi$  237.72400Tower 237.7  $\Phi$  S  $8^{\circ}51'$  & runL  $16^{\circ}25'$  along  $\Phi$



116.

## Bacheller Road.

S.

Point Sta	0	+ 5	HI	- 3	Rod Reads	Elev
Near top of Hill			102.25		225	255 100.
0+10					222	100.03
0+20					234	99.89
0+30					258	99.67
0+40					295	99.30
0+50					340	98.85
0+60					394	
0+70					453	
0+80					524	
0+90					604	
Sta 1					673	
1+10					736	
1+20					779	
1+30					816	
1+40					836	
1+50					862	
1+60					885	
1+70					904	
1+80					933	
1+90					962	
Sta 2					995	
2+10					1030	
2+20					1103	
2+30					1170	
2+40					1240	

Point	+ S	HI	- S	rod Reads	Elev
2+50				1325	
2+60				1385	
2+70				1420	
2+80				1450	
2+90				1505	
Sta 3				1575	

Point	+ S	HI	- S	rod reads	Elev
Sta 10		100.3		130	



birch 10 N + 12 W

edge of brush 15 E Pine 20 E

@ 50' N " 15 E

@ 100 " 14 E

" " 13 W

@ 150 " 13 E

" " 13 W

200 " 14 E

" " 13 W

300 " 12 E

" " 12 W

Lost 100 W birch maple oak brush

275 W pine

E brush birch maple oak brush

S

Brush 15 E + W

E pine

W "

road runs N 42° W map. Var.

Plat of  
Long Pine

119

Robert W. Anderson

Lot 3 Sec 16 - 140-31

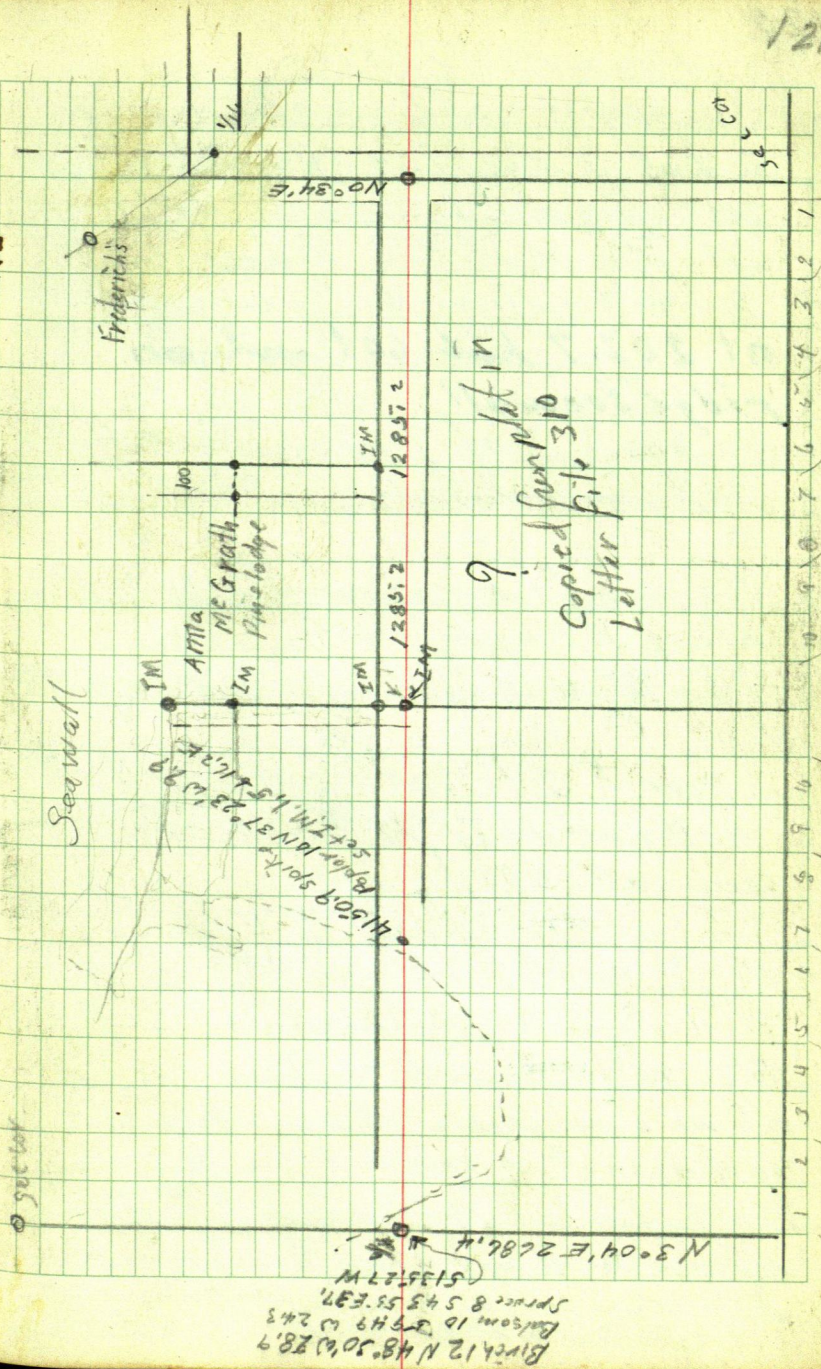
contract 330 platting

paid 175-

bal due 175-









122

May 16<sup>th</sup> 1957

Ed + I after school drive

to lot 3 Sec. 16-140-31

set flag at SE cor Lot 3 IM in road

set flag at at M.C. NE cor lot 3

Work  $\pi$  on line between said flags

at 202.7 hub 60° spike on

ridge<sup>2nd</sup> seawall

@ 300 ft S of IM on <sup>top</sup> seawall

20 ft from water's edge. set @ 60° spike

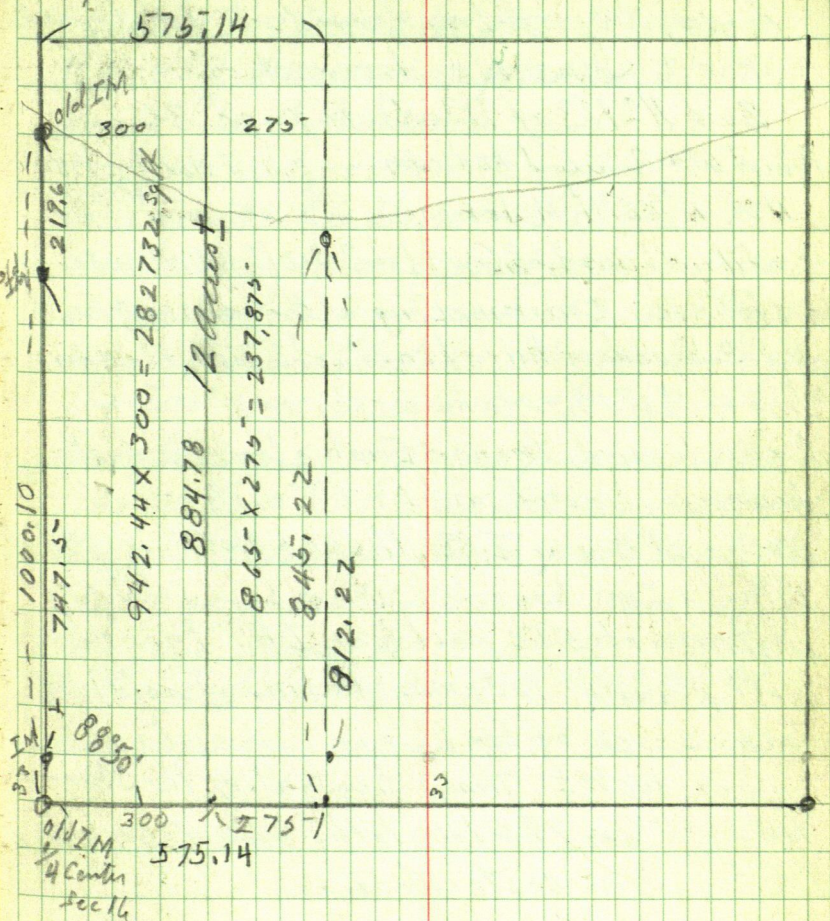
Over IM on seawall site South  
along E line lot 3.

The shore line seems to run N 71° 15'  
W.

Move  $\pi$  S to 300 ft hub site N on IM  
and run N 71° 15' W parallel to  
seawall 500 ft.

Over 500 S. to S 71° 15' E and from  
North parallel to E line lot 3 and  
find it is 331.2 to spike on bank  
Note: as the seawall has been leveled  
off so I set spike 331.2 in line with  
top of seawall as near as I can by eye looking  
East. spike hub being about 25 ft from water.  
return to  $\pi$  and chain N 30 ft and set  
hub which lines up with old wood stakes  
set near S end of tract sold

Copy of Curd's sketch in Letterfile 310  
of Gov't Lot 2 Sec 16 - 140 - 31 showing W 1/2 ac.





124

Lot 3 Sec 16 - T140. R 31

May 17<sup>th</sup> 1957

rains I go to Office and copy  
description of Land sold in Lot 3 - Sec 16  
Jensen's description

Book No 113 of Deeds on page 36

Robert W & Emily J Anderson . filed Nov 22, 1954  
to  
H.W. & Edith M. Jensen

All that part of Gov't Lot 3 Sec 16 - 140 - 31 described  
as follows: Commencing at the intersection of  
the S. boundary line of said Lot 3 with the shore  
line of Ten Mile Lake as the same is now  
is now located; thence East along the South  
boundary line of said lot 3 a distance of  
300 feet to an I.M.; thence North parallel  
with the East boundary line of said lot 3 a  
distance of 550 feet to an I.M.; thence  
West parallel to the South line of said lot 3  
to the shore of Ten Mile Lake a distance of  
approx. 300ft ±; thence South along the shore  
line of Ten Mile Lake to the place of Beginning  
with Restrictions

## Heinsch description

Book 113 of Deeds on page 101

R.W. &amp; E.J. Anderson filed Dec. 31-1954

Henry & Janet Heinsch<sup>to</sup>

All that portion of Gov't Lot 3 Section 16 Twp 140 Rge 31 described as follows:

Commencing at a point at the intersection of the East line of said lot 3 with the shore line of Ten Mile Lake; thence South along the East line a distance of 300 feet to a point; thence Westerly parallel to the Shore line of Ten Mile Lake a distance of 200 feet to a point; thence North parallel to the East line of said Lot 3 to the shore of Ten Mile Lake; thence East along the shore a distance of approx 200 feet to the point of beginning. accord to US Gov't survey thereof



## Bair's Description

Book 113 of Deeds on page 122

RW + E. J. Anderson filed Feb 2<sup>nd</sup> 1955

F.C. + Elizabeth J Bair

The West 100 feet of the East 400 ft of  
that part of Gov't Lot 3 Sec. 16 Twp 140 Rge 31  
lying and being North of the existing  
Private roadway extending Westerly from  
East Boundary line of said lot 3

## Easement

Parties of the first Part hereby Grant to  
the said parties of the 2<sup>nd</sup> part an easement  
along along the existing roadway extending  
North along a portion of the East boundary  
line of said lot 3 and thence Westerly  
therefrom forecees to the above described  
premises from the County Road along  
the South boundary line of said Lot 3

## Major Description

Book 113 of Deeds Page 123

R.W. &amp; E.J. Anderson

Filed Feb. 2nd 1955

Joseph<sup>to</sup> L. + Mary J Major

The West 100 feet of the East 300 feet  
of that part of said Gov't Lot 3 - Section 16  
Twp 140 Rge 31 Lying and being North  
of the existing private roadway extending  
Westerly from the East Boundary of lot 3  
with easements

## Paulson Description

Book 113 of Deeds on page 406

R.W. &amp; E.J. Anderson

Verdie<sup>to</sup> and Helen Paulson

The West 100 feet of the East 500 feet  
of that part of Lot 3 - Sec. 16 - 140-31  
Lying and being North of the existing private  
roadway extending Westerly from the E line Lot 3



## Anderson's Easement

Edith H. Jensen widow

Robert W and Emily J Anderson

April 22<sup>nd</sup> 1957 Book 2 of Missions page 448

A permanent easement on and along the roadway now crossing the Easterly portion of the premises owned by the parties of the first (as described in Book 113 of Deeds on page 36) herein said easement to include a strip of land 1 rod in width on each side of the center line of said existing roadway for access to and from the premises owned by the parties of the 2<sup>nd</sup> part herein lying North of the premises owned by the party of the 1<sup>st</sup> part herein.

May 18<sup>th</sup> 1957

boys in school Gertrude working from 11 to 7:30 at Bills I go to the Office raining and copy descriptions on page 124 to 128 this book

Party comes in with a Plat of land on Island Lake made by some surveyor. Wants to know what more he has to have on the Plat to have the Commissioner except if for filing.

Mr. + Mrs. Oscar + Carmelia Hagelberg of Minneapolis come in they own the East 150 feet of Lot 3 - Sec. 21 - 140-28 on Hunter Lake stakes lost. Will call again or write this fall or winter

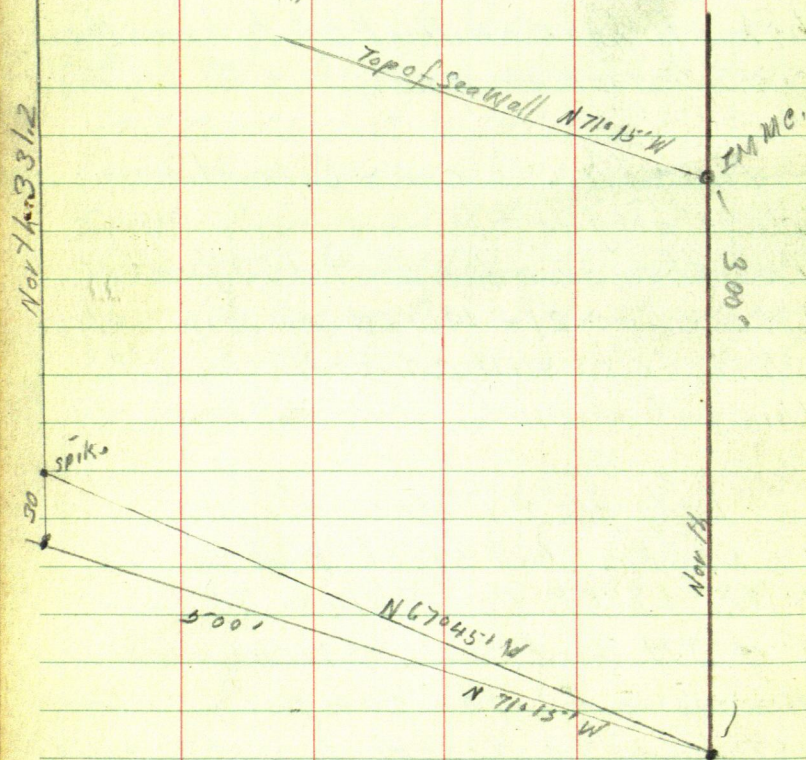
Lady from Minneapolis use to live in Backus has bought ~~that~~ part of NW $\frac{1}{4}$  of NE $\frac{1}{4}$  Sec 19-140--30 Lying E of 371 and South of Woman Lake road Hackensack. She can not file Deed as there is no description of the land and I write out a description to cover the land which she will take



to the Bank at Backus and have  
the deed fixed up.

I try to fig where the S. 4 acres  
lying W of 375 at Ten mile lake in  
Sec 6 - sub-divided by Greener.

Sec book, 298 - as I have nothing  
else to do right now.



$$500 \overline{) 30.0} = 3^{\circ} 30'$$

3°30'

$$71^{\circ} 15' = 70^{\circ} 75'$$

$$\begin{array}{r} 3^{\circ} 30' \\ \hline 67^{\circ} 45' \end{array}$$

N 71° 15' W

$$\text{Sine } 946930 \times 500 = 473,47 \text{ where spike sets}$$

$$\text{Cosine } 321439 \times 500 = 160,72$$

N 67° 45' W

$$\text{Sine } 925541 \times 500 = 462,77 \text{ W where stake show go}$$

$$\text{Cosine } 378649 \times 500 = 189,32 \text{ N}$$

Tang.

spike set N 71° 15' W show go E 10,70 N 28,60  
also spike on shore show go E 10,70 +

It will be easier to set tower spike  
300 s on E line lot 3 and run N 67° 45' W  
500 ft then N to the lake, than to try and  
set the spikes over from where they are

N 67° 45' W 200

$$\text{Sine } 925541 \times 200 = 185$$

$$\text{Cosine } 378649 \times 200 =$$

$$\begin{array}{r} 185 \\ 300 \\ \hline 485 \end{array}$$



132

Sat. May 18<sup>th</sup> 1957

I take Don & Ed with me we drive  
to Ten Mile lake Hood lot 3 Sec 16-140-31.

Again over spike on E line lot 3

300 feet S of IMMC - site North  
on flag at IMMC Farm L and  
run N  $67^{\circ}45'W$  500 ft set 60 spikes  
T over spike 500 Site E on flag at 300 S  
of IMMC and run North 300 ft  
set 60 spikes on seawall - 20 from water

T over lot 300 N 20 from water BS South  
and run N  $62^{\circ}09'W$  225 + 100

T over 100 run S  $10^{\circ}55'W$  to take in light  
pole

T still @ 100 run N  $59^{\circ}55'W$  200

Move T to 200 BS S  $59^{\circ}55'E$

run S  $9^{\circ}40'W$  set 2 spikes on line

move T back E 200 ft and run S  $9^{\circ}40'W$   
set 2 spikes on line

move T back W 200 ft BS S  $59^{\circ}55'E$

and run shore line N  $58^{\circ}09'W$  100

T over 100 run N  $57^{\circ}02'W$  100 + 100  
at first 100 = NE cor of lot with Eaken

T over 100 site S  $57^{\circ}02'E$  and run

E side of lot 6 - S  $34^{\circ}15'W$  200'  
S  $28^{\circ}40'W$

Sunday May 19<sup>th</sup> - 1957

Left work from 11<sup>AM</sup> to 8-30<sup>PM</sup> yesterday and  
was called back @ 9-30<sup>PM</sup> worked until 2-30<sup>AM</sup> but  
night went back at 11-AM

Don stay home Ed + John go with  
me Town NW cor lot 6 BSS 57°02'E  
and run N 57°48'W 100 mph 8 ft from water  
T still over NW cor lot 6 run S 28°40'W  
200 ft

More T over 100 BS S 57°48'E + run  
along seawall N 56°36'W 295 ft  
run N 57°46'W 80' to OIM pipe on top of sea wall  
run S 28°46'W - 200 ft

Town 295 on seawall BS S 56°36'E  
and run N 63°17'W 185- @ to @ 95-  
water 5-2 15 ft

T still @ 295 we took a look at shore  
log at point

220 S 32°27'W

180 S 30°30'W

145 S 21°22'W

120 S 26°30'W

115 S 10° W

105 S 17° W

70 S 21°10'W

300 N 71° W

340 N 78°30'W

375 N 83°53'W - 750 out

620 S 80°30'W point

560 S 83°30' - 200 out

450 West - 200 ft

straight to seawall



134

Turn 185° water 10 N 10 S

B S S 63°17'E + run N 69°03'W

@ 90 water 10 N 10 S @ 165° S 1/2

5 Turn 165° B S S 69°03'E

to the point

50' N 74°38'W

90° S 72°40'W

North 20 ft to water

Friday 25-1957

after school Don + I to La 16-  
try to locate 1/4 E side La 16 but as  
I do not have the Ties to New BTs  
with me we go W 1/2 mile W Tower  
SE cor Gov't lot 3 site N 1°10'E  
along E line lot 3 and run random  
to West rd 50' up in E sawmill  
road another in E main road to  
house

$$\begin{array}{r} 300 \\ 179.6 \\ \hline 120.4 \end{array}$$

$$\begin{array}{r} 145 \\ 346 \\ \hline 179.6 \end{array}$$

396

$$\begin{array}{r} 80 \\ 1.5 \\ \hline .45 \end{array}$$

133

from spike hub on top back of car chain

$$E 150 \text{ min} + 200 = 350 \text{ min} + 53 = 403 \text{ hub}$$

50' spike in line with main road to house

$$350 + 300 = 650 \text{ min} + 300 = 950 \text{ min} + 103.2$$

1053.2 IM SE Cor lot 3 Sec 16-140-31

- 24 = spike in E easement roadway along E side Lot 3.

from spike hub on top back of car chain west

@ 65' to Top road in curve @ 220 ± I.P. of road

@ 294.5' hub under T =

$$+ 1053.2$$

1347.7' hub under T IM P.C. bears

1°29' L or South 80 + 65 + 34.6' <sup>179.6</sup> IN MC

22 ft from water's edge of Tem Lake

set 50' spike on random line 300 ft E of IM

quit @ 6-15'

$$1029' =$$

$$\text{Sine } 0.25886 \times 179.6 = 46.5'$$

$$\text{Cosine } .999665 \times 179.6 = 179.54$$

from hub on top

$$1053.2 \text{ E} = \text{IM Cor}$$

$$403.0 \text{ E} = \text{E Main Road}$$

$$650.2 \text{ W} = \text{IM} + \text{E Main Road}$$

$$\begin{array}{r} 300 \\ 179.6 \\ \hline 120.4 \end{array}$$



Monday May 27-1957

Ties to  $\frac{1}{4}$  E. side Sec. 16-140-31  
between Sections 15-16

IM & N+S-W road

W.P. 26 N  $14^{\circ}12'W$  74.3

S.P. 10 S  $70^{\circ}15'E$  47.75-

I go to court house and wait for  
Dom. who will get out of school for  
the day about 10 o'clock then he & I will  
go to Sec 16-140-31 on Ten Mile Lake

Tower hub 1347.7 W site E on  
random and check angle to I.M.M.C.  
which is  $0^{\circ}31' L$  179.6 feet

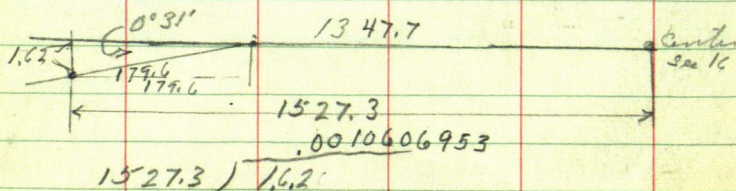
We will correct hub 300 ft E of M.C.  
which will be hub 1227.3 ft east  
of I.M. Center Sec. 16 and hub 1053.2 E  
which is hub on top back of cor on pg. 135-

Correction

$0^{\circ}31' - 179.6$

Sine  $009017 \times 179.6 = 16.2$

Cosine  $999959 \times 179.6 = 179.6$



Tower I M center of Sec 16 in  
 E & W road site Nor E line Gov't  
 lot 3 and read angle of true & with  
 E line lot 3. using N & S & lot 3  
 as N & S. the E & W & run  $S 88^{\circ} 47' W$

Tower hub 1227.3 W which is 300  
 ft E of M.C. site  $N 88^{\circ} 47' E$  along E & W  
 & Sec 16 and run North parallel to E line  
 of Gov't lot 3 a distance of 330 ft @  
 33 ft depth hub.

### Corrections

hub 1227.3 W goes S 1.30

" 1053.2 W " S 1.12

Main road runs  $N 1^{\circ} 15' W$

Tower hub 300 E of M.C.B.S  $N 88^{\circ} 47' E$   
 and run N parallel with E line Lot 3 - Sec 16  
 @  $33' N 90^{\circ}$  to road =  $1^{\circ} 13'$

since 021233

cosine 999775 into 33 = 33.007

so 33 ft is OK

0010607

1348

84856

42428

31821

10607

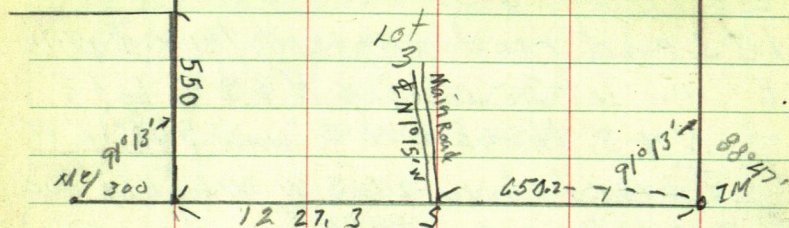


138

1142

83

197.2



12-10 PM I & Don cutting  
line and drive into Hackensack  
for rolls - & water get back & get rolls  
finish cutting line and at 33 ft at half  
edge of road @ 550' at NE cor  
Jensen Tract. Take NE cor Jensen  
Tract site S on SE cor Jensen Tract  
and run S  $88^{\circ}47'W$  along N boundary  
line Jensen tract @ 10.7 & easement  
roadway. @ 114.2 but + 83 = 197.2  
but 15 from water Bay of Ten Mile Lake

At still at NE cor Jensen tract  
Take & road easement N- $11^{\circ}25'E$   
187.4 - to Main &

Take 187.4 BS S  $11^{\circ}25'W$  on NE cor  
Jensen tract run N  $37^{\circ}20'E$  154.75  
run S  $11^{\circ}39'W$  150.35

Take 150.35 site N  $11^{\circ}39'E$  run  
S  $20^{\circ}26'W$  168.8

Tower 168.8 BS N 20° 26' E run

S 9° 23' W 144.9

Tower 144.9 BS N 9° 23' E & run  
S 1° 54' E 198.6Tower 198.6 BS N 10° 54' W run  
S 18° 57' E to Kefway Top road  
Go NorthTower 154.75 BS S 37° 20' W run  
N 4° 49' E 188.9Tower 188.9 BS S 4° 49' W run  
N 18° 49' W 88.4Tower 88.4 BS S 18° 49' E run  
N 4° 11' E 103.2Tower 103.2 BS S 4° 11' W road run  
N 23° 33' W also N 87° 15' E1227  
1073  
154

73

~~154.75~~  
~~159.75~~



140

May 28<sup>th</sup> 1957

Don goes to School comes home has  
to wait until 10 o'clock to go back to school  
I go to Court House and put easement  
roadway on work plat

find Note on door from

Biere - Klasen and Elvej ?

Fairview W Gull Lake

We would like to have our property surveyed  
Can you Contact us.

Mrs Lueita Elvej

over

723 Laurel Brainard

If you see one of the girls at the Auditors  
office they can show you a map they  
have but we want an official map made

I go look at Mrs Wines map  
which is a part of Lot 2 Sec. 18-134-29  
back to Office when I find

Mrs Charlotte Brost of 2930  
4<sup>th</sup> Ave South Minneapolis 8 Minn  
waiting for me she has Lot 6 Sec 19-  
142-30 but can not find the corner's  
want me to. Locate them and mark  
same

P.M.

Dan & Ed go with me to Lot 3 Sec 16  
140-31 we find most of our hubs  
on seawall gone with the seawall  
re-establish NW cor Lot 7.

$\pi$  over SW cor Lot 7 puts N  $28^{\circ}40'E$   
on NW cor & run N  $56^{\circ}36'W$  parallel  
to shore line 129.7 + 15 to water

$\pi$  still @ SW cor lot 7 run S  $27^{\circ}10'W$

@ 74.65 hub + 136.0 -

Move  $\pi$  to hub 74.65 Foresit. S  $27^{\circ}10'W$  & run  
N  $67^{\circ}36'W$  94.65

Then SW cor Lot 8 Take ~~stada~~ of shore  
line

178 N  $62^{\circ}20'W$  to pt. 155 N  $61^{\circ}45'W$

100 N  $44^{\circ}55'W$  35 N  $39^{\circ}30'W$

48 S  $7^{\circ}30'W$  90 S  $16^{\circ}50'W$

145 S  $24^{\circ}40'W$  265 S  $41^{\circ}45'W$  to pt

Move  $\pi$  to hub 136 BS N  $27^{\circ}10'E$  on  
SW cor lot 8 - run.

215 S <sup>N  $75^{\circ}15'W$</sup>   $84^{\circ}45'W$  pt. 60 N  $82^{\circ}W$

to  $\pi$  = 77 S  $40^{\circ}E$  100 S  $28^{\circ}20'E$

220 S  $14^{\circ}10'W$  250 S  $14^{\circ}40'W$  pt



142

$$\begin{array}{r} 555.4 \\ 993.9 \\ \hline 13493 \end{array}$$

$$\begin{array}{r} 470.2 \\ -9 \\ \hline 461.2 \end{array}$$

Turn NW cor Lot 3 BS S  $59^{\circ}55'$  E  
and run N  $58^{\circ}09'$  W 100 ft and  
reset NW cor Lot 4

At still at NW cor Lot 3 or NE cor Lot 4  
run S  $9^{\circ}40'$  W at 200 ft set 60° spike  
for SE cor Lot 4.

We then go to E line Lot 3.  
Turn hub 60° spike in road and  
continue E line of Lot 3 South  
from hub in road chain S 300 pin  
 $+ 226.9 = 526.9$  hub at N edge of woods

At 526.9 site N  $9^{\circ}40'$  E and  
run N  $59^{\circ}55'$  W parallel with  
seawall @ 200 set 60° spike on  
W line of Lot 3 of Plat

3004 229.7

190.7

467

526.9

993.9

143

May 29<sup>th</sup> 1957

Ed, John & Bob & Don Bethel go with  
me to Lot 3 Sec 16-140-31

Tower hub on W line of Lot 3 of Pkt  
Site S 59°33' W on flag at hub on  
E line of said lot 3 and run S 9°40' W  
set flag. Don & Ed cut line South to  
road.

Bob & I with Heller T go to hub  
on E line of said lot 3 and chain  
along E line of said lot 3 a distance  
of 300 ft from NE cor said lot 3 and  
set a 60 lb spike for SW cor Lot 2  
of said plat. From NE cor said lot 3  
to spike in road is 467 ft + 526.9  
(see pg. 142) = 993.9 to hub at edge of  
woods on E line Lot 3.

Tower SW cor lot 2 site S 9°40' W  
and run S 62°09' E 100 ft set 60 lb spike  
for SE cor lot 2. open up E line lot 2

P.M.

Bob & I beg at hub on W line lot 3 of  
plat @ 993.9 S of NW cor chain S 461.2  
to SW cor lot 3 - 33' N of E on Haul lot line  
from SW cor chain E along R of way line to SE cor  
190.7' from SE cor ch N 35°35.4' + 993.9 =  
1349.3 along E into Lot 3 of plat



144

$$\begin{array}{r} 800 \\ 25 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 170 \\ 54 \\ \hline 164.6 \end{array}$$

Corner SE cor lot 4 site N 9° 40' E on NE cor and run

S 73° 46' W 203.0

run S 68° 20' W 192.7

run S 20° 21' W 182.2 - + 8 to water

Corner 182.2 BS N 20° 21' E and

Take stake of shore & up

160 N 57° 45' W 110 N 64° 10' W

66' N 56° 50' W 30 N 85 W

16 S 66° E 60 N 15° 15' E

90 N 22 E 230 N 39° E

275 N 43° 30' E 275 N 54° 20' E

235 N 55° 30' E 215 N 70° 45' E

155 S 80 E 140 S 40° E along lake 1/2 mi

305 S 2° 45' E 400 S 6° W

550 S 11° 30' W

Lot 4 is 164.6 along S end of lot

Sat night sundown

Corner spk. hub on road on

E line lot 3 site N 9° 40' E along

E line lot 3 of plat road runs

S 85° E about 5' S of south of this

line = E of road about 100 ft.

start turn or curve





146

## White Pine Beach

From S E corner sit. N  $22^{\circ}14'E$   
on N E cor. Turn L  $87^{\circ}33'$  to a line  
parallel to N line Then Turn R  $28^{\circ}40'$   
and run. N  $63^{\circ}17'S$  W 173.74'  
line between Lot 1 + 2 & Plat of

Working for Mr B Alrick B.

June 15-1957 Hertzman

147

Hackmack

Don & I to White Pine Beach in Gov't  
Lot 2 Sec. 12-140-31

See pages 143-144 figuring line of  
Lot 1 of Plat.

as I did not take my Monroe with me  
we drive back to Walker

We find IM at NE cor lot 1 bent over  
and an iron at SE cor lot 1.

We also find IM at NE cor Gov't lot  
2 but brush is heavy and tree limbs high  
to cut

We set up on NE cor lot 1 site

S  $22^{\circ}14'W$  on SE cor and run S  $87^{\circ}55'W$   
at 138.7 look for IM shown on plot  
do not find it @ 49.6 will put us at edge  
of water if not out into it  
@ 178.7 set 60' apart on wedge of sea  
wall.

PM

Turn SE cor lot 1 site N  $87^{\circ}55'E$  on  
NE cor & run N  $63^{\circ}17'W$  but big Oak tree  
so we extend the E line lot 1 S  $87^{\circ}55'W$   
.9 of a foot Turn but .9 of a ft S  $87^{\circ}55'W$   
from SE cor run N  $63^{\circ}17'W$  on a .9 of a foot



148

From IM NW cor lot 1  
run N about  $18^{\circ}$  W along wall  
170'





# Hackensack Orig. Plat - A5-137

Art Folk calls Sunday wants  
some work did in Hackensack rains  
Monday

I go to Bemidji

Tues Sept. 24<sup>th</sup> 1957

I & Walker stop + pick up ace drive  
to Hackensack where Art says he  
has sold part of Out Lot 4 of the Orig Plat  
of Hackensack.

We try and find my old spikes but  
can not find them we work Ton line  
between the 1/4 center Sec. 19. and  
SW cor of out Lot 4. have to cut limbs  
off big White Pine trees

12°15'

$$\text{Sine } 212178 \times 135.08 = 2866$$

$$\text{Cosine } 9.77231 \text{ into } 132 = 135.08$$

$$\text{Tang } 212121 \times 132 = 28.66$$

121.5'

$$\begin{array}{r} 28.66 \\ \hline 92.84 \end{array}$$

132. E I N 3/4 tract  
line should be N 92.84 ?

fig

152

Out lot A.

Brakman's Add to Harkness D-9

116.7

119

235.7

132

367.7

33

334.7

235.7

33

202.7

301.7

132

116.7

248.7

530.75

132

398.75

132.0

116.7

248.7

119

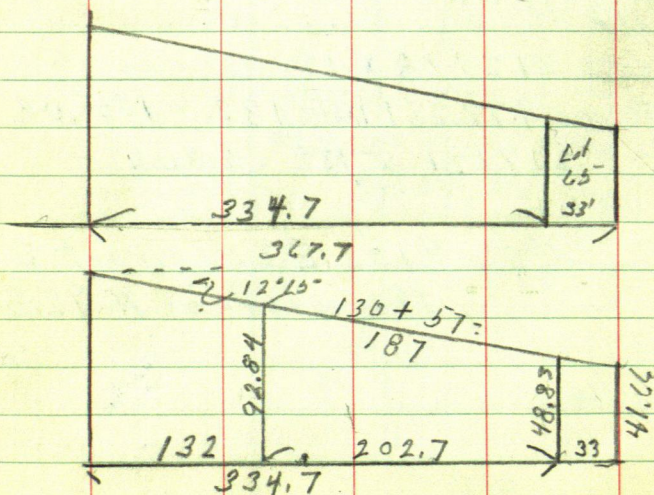
367.7

33334.7

202.7

132

334.7

119453.7



69  
30  
119

119.7  
3

69  
50  
19

1274

153

Fri Sept 27-1995-7

pick up Ace drive to Hackensack  
fig old Notes 12 o'clock  
page 81 this Book

from  $\frac{1}{4}$  E side Sec. 19 to IHP  
SE cor Out lot 4 - distance

168716  
1320  

---

35716

3347  
1327  

---

2020

from  $132 + 116.7 = 248.7$  hub.

Now 248.7 BS won hub on line

run E 119.7  

---

3677

Total length from SW cor Out lot  
4 to  $\frac{1}{4}$  is 367.7

12°15'

Sine 212178 x 376.27 = 79.84

Cosine 977231 into 367.7 = 376.27

121.5° 977231 into 334.7 = 342.50

7984  

---

41.66 212178 x 342.50 = 72.67

121.5°  
72.67  

---

48.83

Now

Now hub 33 ft W of  $\frac{1}{4}$  site N 12°15' W  
and run W 48.83.

Now 132 BS N 12°15' W on  $\frac{1}{4}$  run  
W. 92.84

154

89	60
12	80
77	40

$\pi$  still at 248.7 Site S  $89^{\circ}38'E$   
on line The Iron pin in out Lot A  
Bremman Add. to Hochmuck  
bears S  $14^{\circ}51'W$  117.3

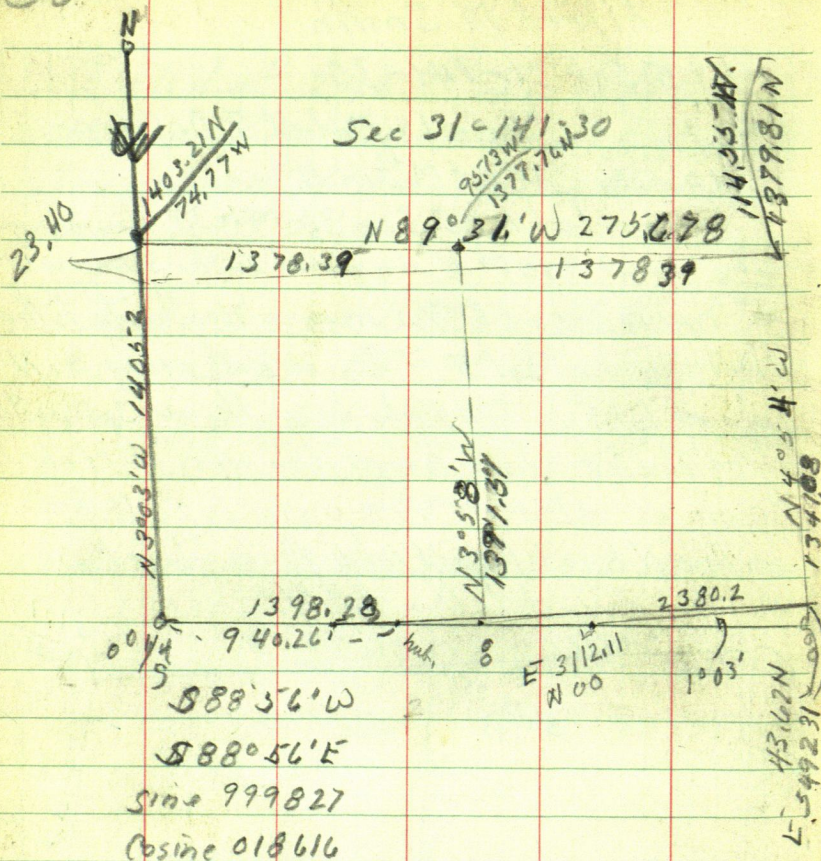
Town SW cor lot 65 Auditors Plat  
Site South  $89^{\circ}38'E$  on Sec 19  
run N  $0^{\circ}04'W$  48.83

Town 132 E Site N  $77^{\circ}45'W$  on line  
run North 92.84 S  $89^{\circ}38'E$  run  
N  $12^{\circ}39'E$  about parallel with street line





136.



$$\sin 1^{\circ} 03' \times 2380.6 = 43.62$$

$$\cosine 999832 \text{ into } 2380.2 \text{ } 2380.6$$

$$\begin{array}{r} 1258.2 \\ 1124 \\ \hline 1452.2 \end{array}$$



May 22-1958

157

Alfred M. Smith. Windy + Cold

Beg at at spike hub. 940.26' E of  
pt for  $\frac{1}{4}$  on 10th St. P. site Wan  
random line hub and run.

Random line called E+W. for  
this work

from hub 940.26 E run W 118.9  
to spike hub on E shoulder of road # 371

$$\begin{array}{r} 940.26 \\ - 118.90 \\ \hline 821.36 \end{array} \quad \begin{array}{r} 821.36 \\ 9.50 \\ \hline 830.86 \end{array}$$

Now 821.36 E of PT for  $\frac{1}{4}$  Bunk  
Wan Random 10th S.P. + run

$$N 15^{\circ} 36' W 1258.2 + 194. = 1452.2$$

$$\sin = 268920 \times 1258.2 = 338.36$$

$$\cos = 963163 \times 1258.2 = 1211.85$$

Sta 2 is 1211.85 N and 483.00 E  $\frac{1}{4}$

$$268920 \times 1452.2 = 390.53 W \text{ Sta 3}$$

$$963163 \times 1452.2 = 1398.71 N$$

Sta 3 is 1398.71 N and 430.83 E  $\frac{1}{4}$

NE Cor Lot 5 is 74.77 W and 1403.21 N

$$\begin{array}{r} 74.77 \\ - 505.61 \\ \hline 242.16 \end{array}$$
$$\begin{array}{r} 1403.21 \\ - 4.27 \\ \hline 1398.94 \end{array}$$

$$\sin = 008436 \times 505.61 = 4.27$$

$$\cos = 999962 \times 505.61$$

138

Sta 3 should go North, 23/100

@  $15^{\circ}36'$  - 23/100

Sine 268920

Cosine 963163 in  $\cdot 23 = .24/100$

Minnhall



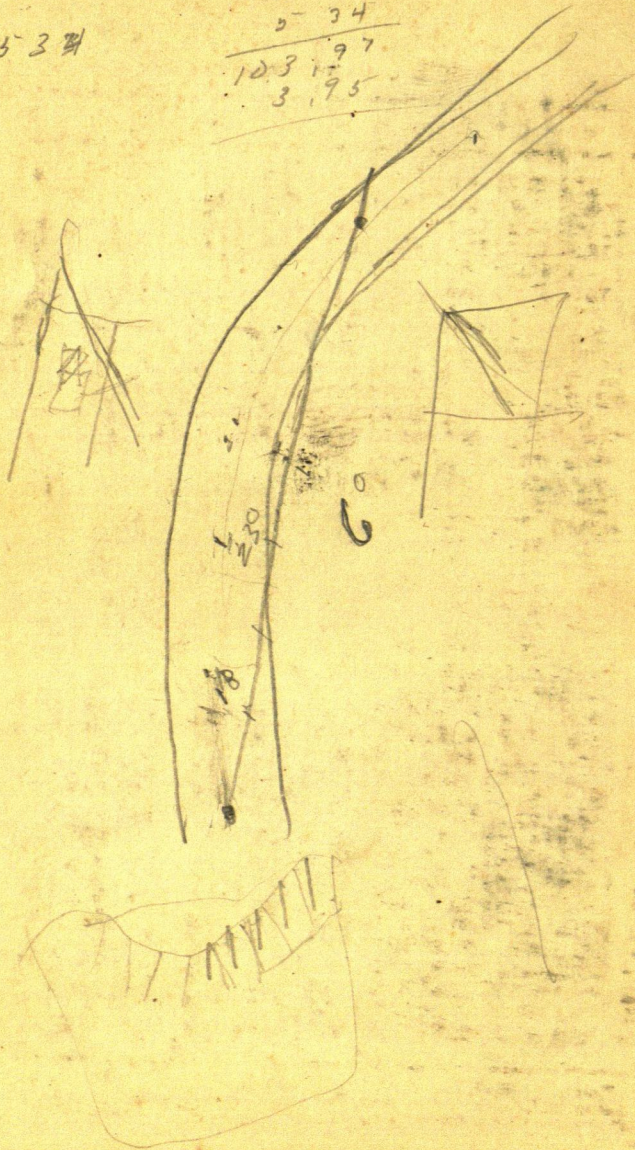
HI

100 + 2.12 102.10

T.P. 347

5321

3.47
98 63
5 34
103 97
3 95



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MA-2