

269

NG

BOOK

3

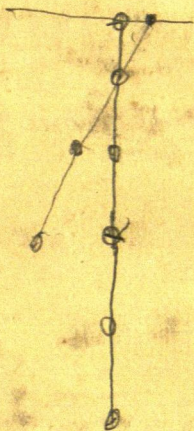
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269

Harrington 1945

Time Pg 13-

Lot 7 Sec. 44-140-30



117
20
4
64
230
2974

INDEX

Twp. line 140-141-30-5663-32 Horst 1920 1-4

Tenth Pl.

141-30

31

32

33

34

6

5

4

3

140-30

7

8

9

10

Mikel R.M. Harrington - 9-59.

A.M. Ashenbraner
Backus State Bank
Thompson

Plat of Fairwood }
Govt Lot 2 }
Sec 31-143-30 }

60-

4 Horst
1920

10 stan. parallel 140-141-30

For Jas. Aldrich, Pine River.

Sept. 16-17, Oct. 6, 1920.

Beginning at a wood post at the
Sec. cor. of secs 32-33-141-30 set
by B.B. Bartlett from the U.S. B.Ts. the
stumps of which are still there and
plainly mkd.

Thence S. 88° 40' W. on brushed Road Rt. of
Way on the 10th. Stan. Parallel).

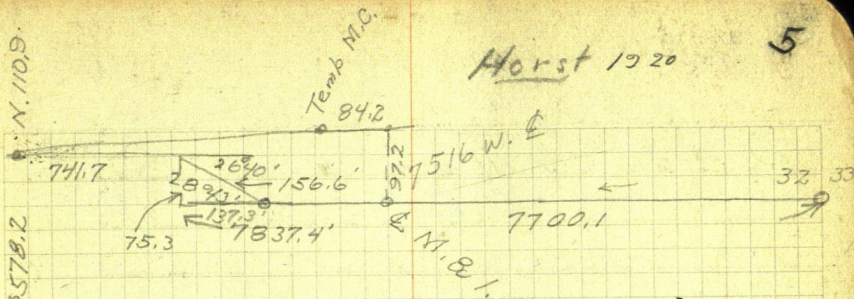
at: ft. W. B.B. $\frac{1}{4}$ S. cor.

" " " B.B. N $\frac{1}{4}$ "

" " " Correction cor.

Set from the U.S. B.Ts. of which the Oak
is Blown down but plainly mkd.

Horst 1920



Sta. ^{inside} on East rail in sec. 6 - 140-30 = 2660

700' E of M.C. set by Curro, 1 1/4" x 16" I.M.

655.5 East 5/8" bolt a head

@ 17.7 East of W. Rail track 5/8" bolt a head

@ 84.3 West bolt - 5/8 x 16 bolt for M.C.

Sept. 16 - 1920

Begin at S. Cor. 32-33-141-30

run S. 88°40' W on Twp. line on & cut out road
west side of Bay turn R 26°40'

6

D. Tam. 9 566E 44
B Oak 9 530W 108

R to C @ 5

W. Birch 5 S 32W 16 =

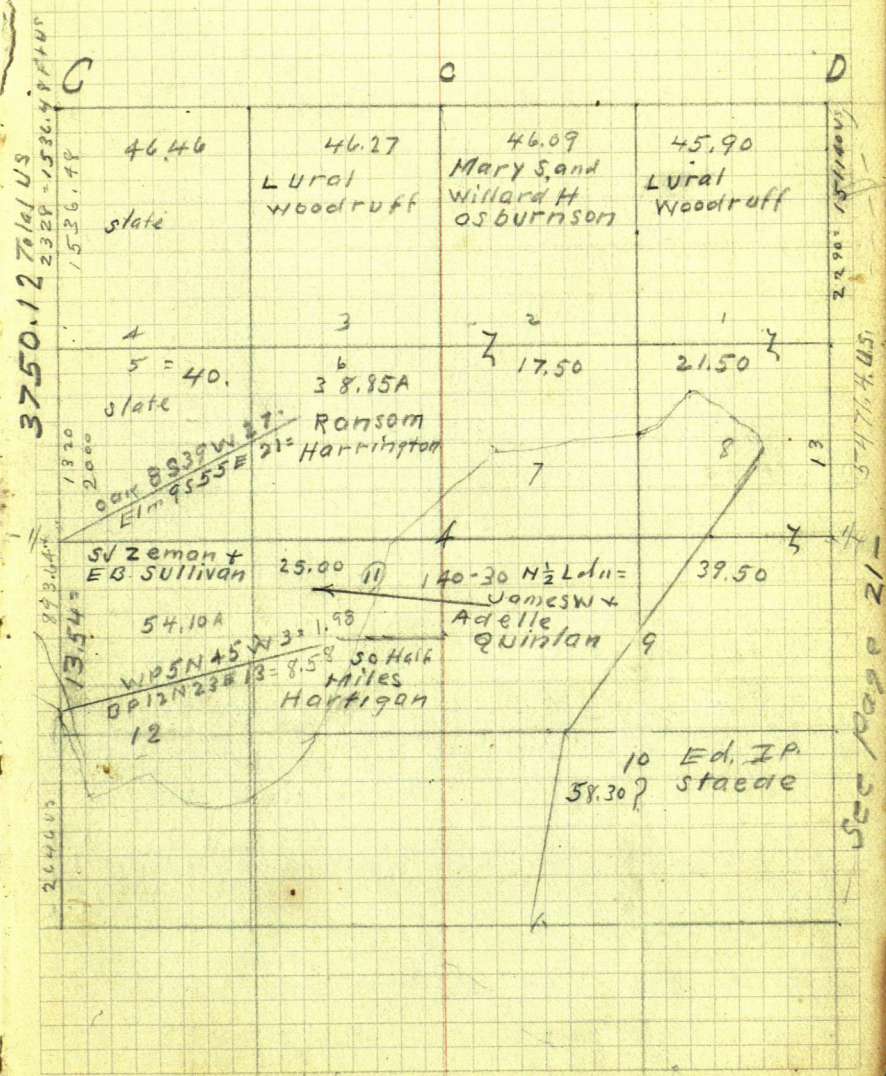
W Birch 4 N 562E 19 =

MC. N° 37

W.P. 5 N 45° W 3 - 1.98

B.P. 12 N 23° E 13 8.58

3960
1511.4
5471.4



See page 211

140-30-SEC 4

9

R.M. Harrington et al

April 15-1945 Continued

BACKUS To Stony Lake With Trailer Ho

April 14-1945 Harold and I all day at 10 mi
Lake Bringing up line

April ¹⁶ 15-1945

Harold and Jim in our Car and
Jim Guinlan in his Car take Miles
Hailigan Stop at Hackensack I have
all the axes & brush hooks ground & I
buy gas for both Cars Lv Cars at Ten Mile Store
T over Hub 212.8 on hill previously
set by Harold and I

Rego IM 2x48 Capped galv iron
Extreme East Shore of

Ten Mile Lake US 17C Run

East on 10th Standard Parallel
North Line of Sec 6-140-30 et al

e d m & I Ry @ 212.8 Hub 60' + 77'
Spoke Ties

East on N Side Sec 6-140-30 Cont of
289.8 & Tar State Highway N-S

$212.8 + 300 = 512.8$ Pin = 11.1 = 523.9 East H
= 60° spike on old Cutout line

530 enter round wet marsh 605 L

$523.9 + 118.1 = 642$ pin $642 + 41.6 = 683.6$

Hub on top = 60° spike Twp

Red Oak S N 13°30' E 10.20 FT

Twin Red Oak 8 x 9 - 15 x 14 at base

S 33°50' E 30.30 To S/sat @ base

$683.6 + 163.9 = 847.50$ Hub on East brink

= 60° spike Twp

7" white Oak North 2.50 ft

7" " Birch S 72°30' E 8.20

Find this
just to
work

Thence down slope $847.5 + 30 = 1147.5$ pin

1182 enter wet swamp

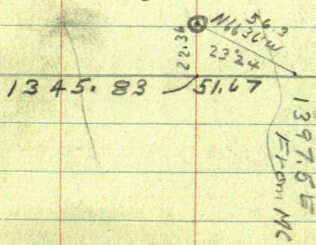
$1147.5 + 250 = 1397.5$ Hub 20 ft East of swamp

Over 1397.5 2" iron pipe Set by

Co Surveyor John M. Green For E 1/4

Sec 6-140-30 bears N 66°36' W 56.3

E 1/4



4836
5239
159.7

11

Apr 16-1945

23°24'

Pine 397148 X 56.3 = 22.36 N

Oak 917755 X 56.3 = 51.67 W

Tong 432739 X 51.67 = 22.36 OK. Check

Cut line 300 ft +- 10 ^{set Hubs} top of hill all
walk west to Cars and drive to Trailer
House at Stony Lake N Side of Lake
in Sec 4-140-30

John W. Curran

April ¹⁷ 16-1945 Monday

Heavy snow storm. Harold and
I drag trailer House to Hackensack
Jim Guinlan walks west 2 miles +-
in storm to get his axes.

Harold and I built our oak
Hitch all to spindles. Jake
maker new one 2x6 oak \$2.50

Lv Trailer and drive to Walker Harold
walks East and gets T-chain-axes re
met as but storm still raging
at mile + Walker

John W. Curran

12

April 18-1945 Wed

I am 74 years old today Harold
and I alone at Walker in the Paddock
Ho

Several days wait for storm - Work on
De Camp. stuff at Backen

14

May 16-1945 Wed

Harold and I Walker to Hack & Along L15

Look up L15 to 3-4-9-10-140-30

NP 30 N 53° E 60~

ASP 10 N 51 1/2 W 118,900c

WP 24 S 17 1/2 E 72

Set 1 X 24" □ top road TRUCCOR 3,49,90.

Run N one mile set Hubs & on random

Harold and JWC Hub showed mile 8 Hrs

May 17-1945

Harold likes Tolson's Miller 12+
Lr Walker 90m. Lr Car at Ten M Lr
Walker E. Meets Jim who walked W

Beg @ Hub 'X' on Top Chain down Hill
West @ 190.5 Hub 682 no li 300 pm
469.7 Hub intersect Hub 1397.5 E

(Note: Rabbits or birds or Squirrels has
buried up Hub 1397.5 lies close to hole where
I replace it) $1397.5 + 469.7 = 1867.2 E$
Hub 'X' on lip at 1784 E Cross old
SE NW T @ 1867.2 Ties

W. Oak 6 N 63° 39' E 9.82

W Birch 55 50° 41' E 12.55

Twin Red Oak 7 and 8 Base 18"

N 32° 34' W 29.25

$1867.2 + 271.2 = 2138.4$ East Hub
9 ft N and 24 ft West of Same Road
Road run

T over 2138.4 Ties

5" W Oak N 51° 04' W 19.85

8' Red Oak S 0° 39' W 31.80

c 2398.0 Cross same road NW SE
 $2138.4 + 300 = 2438.4$ pm + 286.5 =
2724.9 Hub

Over

16

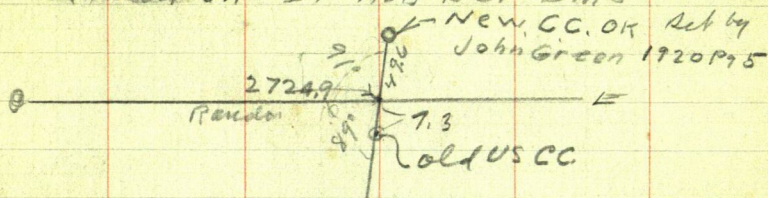
π over 2724.9 E Ties

Pop 6 N 52° 24' W 25.00

W Oak 554112 W 26.10

Jim goes home @ 3.45 PM to fix brush hook handle

π still on IP Hub bet ZMS



π over NEW CC Run

South passing thro old CC

about 200 ft set Hole 121. Halt

hub on lip and Quit @ 4.45

look over old road as Home in Walker

@ 5-30 PM.

Harold J. Puro

May 18-1975

Ellsworth and Harold L Walker
 8+. Take old road at Ten Mile Lk
 get stuck in mud - work till 10
 am. LV Car and walk 150 ft

Find Jim Cutting South

South bet 5-6-14030

Hit - 18" Oak -

Hub 121.65 S (From Old CC) we set west
 0.25 of a foot to clear the line

C 121.65 S on 2nd random Tier

R Oak 6 N 39 12' E 6.45

W " 5 N 67° 08 W 20.75

121.65 + 335 = 125.00 firm + 3 = 425 pin
 + 20.30 = 445.3 Hub Southern Tier

Red Oak 5 N 71 32 E 18.90

" " 18 S 6° 20 E 10.40

425 + 300 = 725 pin + 43.1 = 768.1

Hub Tier W Oak 14 S 51 15 E 8.40

" " 16 S 48° 16' W 7.05

+ 300 = 1068.1 pin + 66.1 = 1134.2 Hub

+ 179.4 = 1313.6 Hub 1/4 2 m Sals

S 77° 35' W 35.05 This to 1313.6

Blitch 6 N 75° E 9.50

W Oak 8 N 58° 05 W 26.30

We work late

to get car out

at 7-30 weeks

Harold J. Cunn

18

May 13-1945 Sat

577°35'W 35.05

Sine $215019 \times 35.05 =$ Cos 976601×35.05

Tang

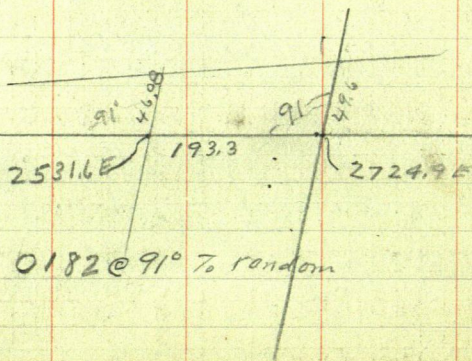
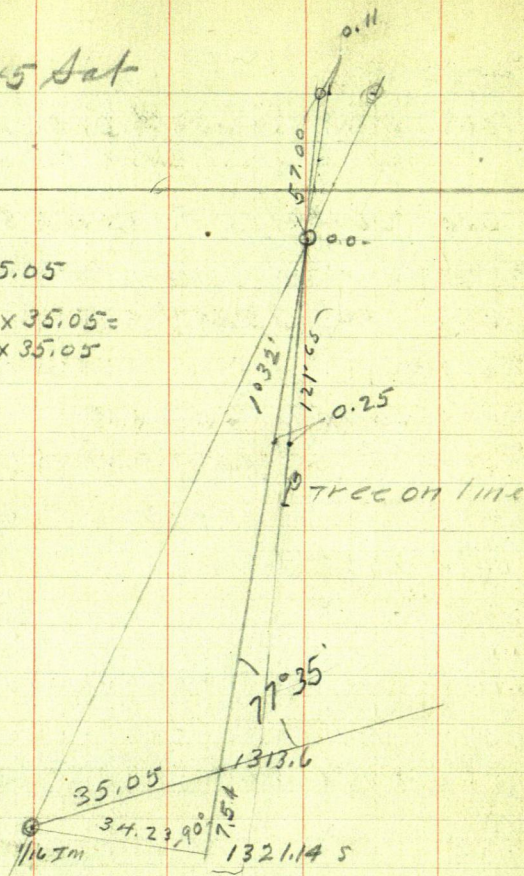
122) 25 L

1313.6

754

1321.14

121.65 / .25 =



Correction = 0182 @ 91° to random

May 19-1945

Harold and Elsworth L. Walker

On Tan Mt 9-am. Jim comes later

π over Hub 121.65 S FS on old P.C. set

2 spikes each side of E-W Random

π over Hub 2724.9 on E-W Random

FS. W on Hub 2188.4 E Chain W 193.3 to

hub on random 2531.6 E

π over hub 2531.6 FS W Turn 91° and

run N 1° E 46.08 Hub 160' spike on

Corrected line

10th St. Pl.

Intersect N-S Random with E-W Random
where in set π , = (2724.95 E)

SW angle reads $88^\circ 53'$ + read 4 lines

Set π over New Closing Cor Set by
John Green in 1920 Page 4-5

This book B.S. on Corrected Hub
2531.6 E and Continue E

East on what should be

True Line Tie to New P.C. I.M.

Turn Wh Oak 8-9-10x15 at base bears

N $20^\circ 25' E$ 71.4 Ark 4537 E 7.9

W 0556630 W 21.00 and turned from

New Random

20

May 19-45 cont'd

East on 10th slid Parallel
Green's "new" CC = 0.0

300 + 600 fm 707.8 Hub 60^d spk

Red Oak 7 N 67 30 E 13.8 Pop 8.5 13 42 E 22.8

900 fm - 979.1 Hub

Burch 10 N 82 10 W 19.2 RO. 20 S 49 30 E 23.5

1190 E Hub on lip. Two

NP 16 N 56 12 W 23.1 NP 14 S 57 W 21.6

Jim goes home about 5 PM

Tellsworth and I put line about
an hour more 300 ft +- and
go home to Walker

May 20-1945 Sunday all at Walker

May 21-1945 all day on meter

May 22-1945

8 to 10 AM on notes at Etho Lx Welken
Harold Elsworth and I Buy Lumber
1.03 at Hackensack. Began IM Cor to

3-4-9-10-140.30 chain

North on the Top Road bet 39.14.

60 d Spike Hubs set by Harold and I

May 16 - P9.14

at 145.3 Hub on top P.O.T. 12' L

Stake Set 12' ft Out L

300-600 pin + 100.55 700.55 Hubs

All Hubs are 60 d Spikes

Red Oak 5 S 52° 33' W 47.65

White Oak 4 S 51° 24' E 38.90

Hard Stake West side

700. pin 1000 pin 1300 pin

1320.3 Hub 4' E of E Rd

Fence runs West 23.5 E from
E big 10" cor post Very old
fence - another fence runs E
post in bad shape

1600 pin + 212.2 - 1812.2

1.1/2' E of E P.O.T. 12' L

1900 pin 2200 pin 2500 pin 2689.7 Hubs

Fence East 25° W of E Fall 6" Oak
cor post

22

2800
158
2642

Book 269

 $2800 \pm 158 = 2642$ Fence run west creek $2800 + 160 = 2640$ in line with old
fence west

PM

Begin $2800 + 3 = 3100$ pin $3400 - 3700$ pin 4000 pin $+ 1241.9 = 4124.9$

Hub

 $3700 + 124.9 = 3824.9$ Hub \downarrow West wheel track $+ 175.1 = 4000$ pin $4300 + 26 = 275.7 = 4575.7 + 300$ $4875.7 + 290.1$ At 54 65.6 Hub π over Focus to on PaulaCor to 3-4-140-30 bears N $81^{\circ}12'E$

27.23 Turned from Random S

5468.27
5465.6

US Notes Call for

TAM $9S66^{\circ}E$ 44 LRS = 29.04 ftB Oak $9S30^{\circ}W$ 108 LRS = 71.28 ftWe find both lines from which
we set the corner from flat chain
from face of old US B75 after which
US B75 stand as follows:9" Tam Stump S $29^{\circ}24'E$ 29.049" Oak Now 16' brs S $56^{\circ}56'W$ 71.0 to New Spot
at face

4300

275.7

+ 575.7

- 300

4875.7

290.1

5105.8

3

5465.8

- 0.20 m alp 5465.6 Ht

May 22-1945 cont'd

5471.4 US

5165

306.0

23

Book 269

Secs 2-3-140-30 on 10th Parallel
N edge of 3 ft ditch leading east
from south 10 ft

New BTS

7" Ash S 56° 15' E 76.45

5" W Birch N 63° 13' E 53.05

Top of 3000 ft West 54 ft +

Cannon Cant let

Set 1 x 48" pipe for Car

81121 = 8.48

sin 152980 x 27.23 = 4.17

cos 788 2.28 x 27.23 = 26.91 E

T 134800 x 26.91 = 4.17

3409771 26.91 = 49197680 = 0° 17'

E 10° 17' = 004945 x 5470

Brot From Pg 13

Time Sheet Working For-

R. M. "Mike" Harrington 1236 Ross Ave St Paul 1 Minn et al

Sec 4-140-30 10th Standard Parallel @ 15 + 2500' 250' Hpl 10%

+ 1.00 hour for chain

June 1945

June 1945

26	27	28	29	30
----	----	----	----	----

John W Curo

	8			
P ₁₀				

Car

1 Raven

2x7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Harold Puro

8	8	8	8
---	---	---	---

ETsworth Miller

八
一
一
一

Mike Harrington

8
8
1
8

dim. Baren

∞
 1
 1
 1

Miles Hartigan

1
8
1
1

26 June 26-1945

Harold and Mike begin at
Hob. 1190 Cut line East Set Hubs
but no chain - Mark bearing wire.
Harold eats supper with Harrington
family - Home late

I call Hartigan via Hack 9 PM 27°
Hartigan reports that Harold's first
got in

Harold arrives in weather late

June 27-1945

Rain no work

June 28-1945 Harold still with
my Carlos Walter 9 AM

Picks up Harrigan and Miles Hartigan
cut line west Mark BT Ties
no chain

Eats supper again with Mike
Home in weather late

June 29-1945

I, with Harold Plino and Ellsworth
Miller & Walker 9:30. Pick up
Harrington and Curran and
Continue East

East on random 10. Parallel to run
T. Harold and Ellsworth with
West and Chain up till 2-PM
Nails

Bez @ Hub 1190 Continue

East + 300 = 1490, + 10 = 1500 Stake
+ 261.4 = 1761.4 Hub 60 d spike
6" White Oak S 31° 48' W 30.90 ft
4" " " N 41° 06' W 34.95

All stakes marked viz

1800 - 2100 Stake (2159) Corner @
old road NE SW 2214.8 Hub
8" White Oak N 52° 53' E 79.95

20" Oak N 17° 55' W 53.90 @ 2

2150 + 200 = 2300 Stake

@ 2400 Corner same road NW SE

2600 Stake 2823.9 Hub. N° Ties

All Hubs = 60 d spikes

+ 0.10 = 2824 + 2686 = 3092.6 Hub

4" White Oak N 54° 20' E 36.15

4" Red " N 2° 18' W 34.10

$$3092.6 + 300 = 3392.6 \text{ stake}$$

3410 enter wet swamp NE SE

3562. cross 2 ft ditch on narrow

stream v-s poles to walk on

3692.6 stake in wet swamp 10 ft

west of east edge NW-S-SE

$$3692.6 + 172.8 = 3865.4 \text{ Hub}$$

9" Jack Pine N 1° 22' E 66.20

6 Red Oak S 38° 22' E 45.90

@ 3965 enter to end of wet ground

25 feet wide

$$3865.4 + 175 = 4040.4 \text{ stake}$$

+ 63 = 4103 enter wet swamp NE-S

about 50 ft. so of N end

4234 LV same NW + S

4321.3 Hub

Tree

8" Jack Pine N 18° 12' E 45.0 ft via Sloke

5" " " S 25° 06' E 77.0 ft " "

This is where the Buff Transit

Set when we started to cut

East this morning June 29. 1946

On Random 10" Slot Parallel

$$+ 200 = 4521.3 \text{ stake} + 300 = 4821.3$$

stake + 172.2 = 4993.5 Hub

4321.3 big open wet swamp. Give 300 + - S

then stretches about 80 rods SE

4993.5 - Hub 60d spike on Top of hill
 6" Birch $S 19^{\circ} 33' E$ 45.7 via slope of ground
 14" NP N $35^{\circ} 11' E$ 61.55

another 8" Norway Pine stands so by
 about 3' slope ^{further} and larger Norway
 Pine NW about 50 feet From the
 14" NP B.T.

4993.5 + 300 = 5293.5 Stake Minn
 (-) 30.40 = 5263.1 Hub

X over 5263.10

2 x 48" Pipe Set by John Green?
 bears N $34^{\circ} 56' W$ 8.15 = $\begin{matrix} 4.68 N \\ 4.67 W \end{matrix}$

Ties To Random Hub

5" Ash N $26^{\circ} 48' W$ 39.8 To spot 5 ft up
 base the same via ground

7" Poplar N $3^{\circ} 17' E$ 23.40

Cluster of 3 Red Oak 8-6-5"

Use East oak 8"

$S 74^{\circ} 46' E$ 7.50 Yellow Tagon
 NW 5" Oak

5293.5 + 64.50 = 5358.00 Hub

NP 18 S $5^{\circ} 16' E$ 63.32

Twin Birch 5 and 5" N $19^{\circ} 50' W$ 28.15

via slope Out chaining and
 Out line east to beat hell

June 29th 1945 Continued

Cold and Cloudy - SW wind

5-30 PM Crew wants to quit

But Cant % they do not know
the way home

So we gotta cut line East to
new graded road or freeze
to death or starve

Its a laugh Cant quit

SO. They all pile in and
cut to beat hell

Blucher on right (Neapolian)

7-30 PM hit new grade

Harold walks SW and bring car
drive Mike home all eat fish

Supper with Mikes family who

Mrs Jane Wade Sister of Mike or
Sister of Mikes mother gives me an

Address viz

Harold Curo Farmer of

Cascade Ia

Meet also Two Mrs Harrington Mikes
wife and his mother

140-141-30
Mike Harrington

31

April 11-1946

I Lu Walker in JWC Car about
9 o'clock drive to Stony Lake
where I meet Mike Harrington
and his brother

Waiting on the road by our
last hut on E side of big
swp. Mike + I put on rubber
boots and go west on 10th R
to hut 5358 E of NECC sec-
6 - 140-30

From spike 5358.0 we chain
East $+ 125 = 5483$ enter swp
NW + SE @ 5540 Lu swp NW-SE
 $5358 + 200 = 5558$ E pin $+ 250 =$
@ 5695 pin @ 5808 enter swp NESW
@ 5910 E. Lu swp NE-SW @ 5995
pin $+ 300 = 6295$ pin $+ 64.9 = 6359.9$
hut = $\frac{1}{2}$ in wood hut

Tie to wood hut 6359.9

N.P. 16 N about 20° W 35 ft

Birch 5 S " 50° W 16.85 ft

Continue East @ 6495. E enter
big swp NW - south @ 6609.9 pin
in big swp $+ 300 = 6909.9$ pin

Harold Curo

April 11, 1945 continued
on dry land about 30 ft E of
swps. @ 6922.2 E 60° spike
hub. Ties

W.O. 5° N about 70° E 36.1

J.P. 9° N " 45° W 20.60

Over hub 6922.2 cut line
E hit 14" pine tree and as
our line is going way N of the
road we offset South 45 ft
and run along the road

beg. @ offset hub 45 ft S of
hub 6922.2 chain E + 300 =

7222.2 pin @ 7522.2 pin foot of hill

We go E to spike on hill and chain
West down hill @ 300 W pin &

89.1 = 389.1 W to pin 7522.2

7522.2 + 389.1 = 7911.3 E

60° spike hub on top of hill
6 ft N of S shoulder of road

Ties to hub 7911.3 E of NECC
see 6-140-30 on 45 ft offset

Pop 7 S about 10° E 32.9

" 6° N " 45° E 52.0

Continue East @ 8211.3 pin

Harold Curo

140-141-30
Mike Harrington

86485
7911³
137

33

April 11-1945

@ 85° 11.3 min + 137.2 = 8648.5° E

60° spike on top of hill 1 ft 5 of N shoulder
of road.

Tries to hub 8648.5°

Turn W Oak 10-14 use the W 14 in Oak

stands almost south 31.3 ft

R.O. 20 N about 50 E 43.95°

as it is after 5 and Mike has

to go to Shingobe Island for his

things and then drive to Minneapolis

we quit. I drive back to Walker

find JWC at court house take him

home to supper

Harold Curo

April 2-1946 Thursday

Harold & JWC Walker to
Stony Lake Correction @ cor 16
N on CC bet 3-4-140-30

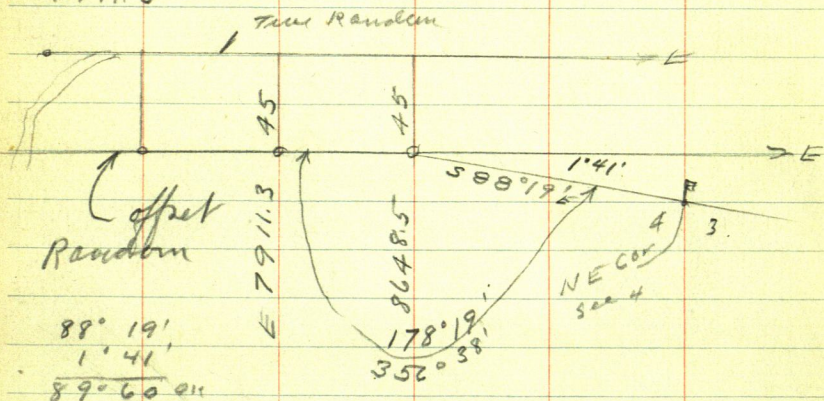
new line

Buff π over 60' spike in N shoulder
of road grade

π 8648.5E = 45 ft S of true
random line running L

East BS at on picket at Hal

7911.3



Sine 029375X

COS 999568X

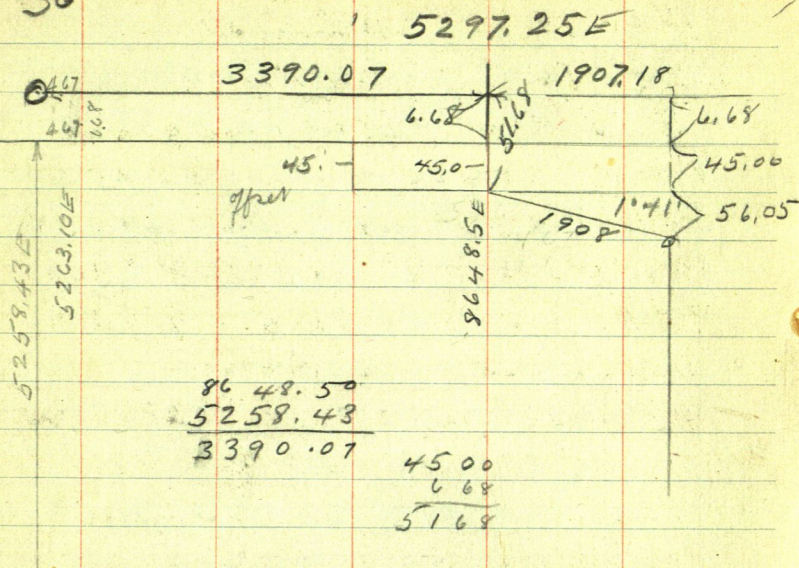
Tang 029388X

140-30

5 4

5258.43 A

36



10 556.5
8 648.5
1 9080

6.68
45.00
56.05
107.73

1°41'

Sine 029375 X 1908 = 56.05 S°

Cos 999568 X 1908 = 1907.18

Tang 029388 X 1907.18 = 56.05

3390.07
1907.18
5297.25

2033696 = 1°10'

Correction = 02034.5

5297.25

1°10'

107.73

4

May 2-1946 continued

$\angle @ 8648.5$ run $1^{\circ}41' R$

$S 88^{\circ}19' E$ along New graded
Road $8648.5 + 197 = 8845 E$
in line with road running SW
 $8648.5 + 300 = 8948.5$ Pin $+ 300 =$
 9248.5 pin $- 54.5 = 9194.0$

Old fence runs South

9548.5 pin $+ 300 = 9848.5$ pin
 $+ 175.5 = 10.024.0$ Hub
 $+ 56.0 = 10.080.0$ pin

Then over deep draw

$\cdot 300$ to $10.380.0$ pin on side hill
 $+ 107 = 10.487.0$ Hub ~ 60 L rail
 $+ 69.5 = 10.556.5$ Tail stake

Set at new location for

True C.C. Cor 3-4-140-30

Cur + cur Ch - perfect 1913 line

Buff + Buff in perfect $10.487.0$
adjustment 69.5
 10556.5

Hub as well Quit 3-30

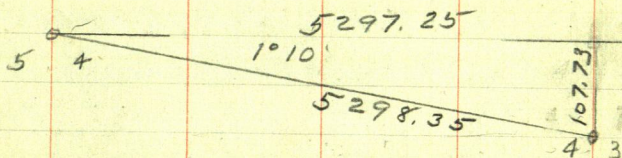
Stop at Hack See Clarence Randall
Mike + his sister went back to
St Paul about 1-PM

Jahira Ques

38

May 3 - 1946

at Et Ho figuring



$1^{\circ}10'$ or 999793) 5297.25 (5298.35
 $\underline{5297.25}$
 $.110$

Mike

39

July 19-1953

I in Walker drive to Stony lake
 Mike's brother takes Mike + I
 over lake to the West line of Sect 4
 run by Gus Holstrom

Over car axel set by ^{Howard} Gus for
 MC 37 site North on ^{of Howard} Gus's line
 a 30' W.P. tree which leans South
 with 2 blazes bears S W to center
 a 16" NP bears S W to center

as we can not find any hubs along this
 line but find a mark on a 5" Red Oak stump
 cut 2' high marked with flag pole point
 Over this point site N on flag on IM Gus's 1/4
 corner S @ 139.9 hub 60' up

Over 139.9 continue S hit tack in Gus's
 hub, 250'-.85' S of oak stump IM 3/4' car
 axle set N. 20 + W. 10

Over Wood hub.

W.P., 30 bears S $82^{\circ}30'W$ 38.8 to
 NP 18 " S $87^{\circ}07'W$ 25.0 center

From Oak stump chain N @ 650.55'

IM Gus's 1/4 Corner set 4-5' $\frac{249.76}{899.20}$

Howard

Over John Howard's 1/4 Cor. site
 South on his line Turn SE angle
 of his N + S line with his E + W @
 $93^{\circ}17'$ - @ 691.4 hub @ 700 pm

@ 860 - 2.8 \pm 10th \pm 857.2 + 300.
 1157.2 pin + 171.1 \pm 1328.3
 hub 60' spike .5 N of I.M. +
 71.05' hub 60' spike in Wedge
 of road

Tower hub on wedge of road.

BS S 93° 17' W on line and run

N 0° 42' W 719.4' to Sta. ①

Tower Sta. 1 BS S 0° 42' E run N 0° 10'
 W 1239.7 to Sta. 2

Tower 2 BS S 0° 10' E run.

1328

$$\begin{array}{r} 857 \\ 491 \end{array}$$

41

July 29-1953

Don & I drive to Stoney Lake
 Mike has gone fishing Don & I
 go and look up the spikes shown
 on page 40 we have to re-run the
 line before we can locate the spikes
 go to Dinner
 P.M.

Mike Don & I Tower Sta 2 BS 50°10'
 E run N 1°W 256.2 to Sta 3
 from Sta 3 run. N 39°18'E 404.1
 Tower 404.1 run N 11°26'E 382.1
 to old hub 6922.20 E see page
 32 this book

Tower old hub. 6922.2 E on
 old random line our old line
 runs N 86°09'E

42

July 30th 1953

John-Bob-Dan + I drive
to Mike's Lv John + Bob pick up
Mike drive to ties to old hub
8648.5 on 45 ft offset - see page
22-33 this book re-set old hub
from this drive West to old hub
7911.3 which we re-set from
ties on page 32 this book.

Turner hub 8648.5 BS on flag
at 7911.3 and run.

From Hub 8648.5 IM at Cor
sets 1°03' R or S.

From old hub 8648.5 chain S88°57'
E 1383 hub on top + 400 + 117.4
To IM

$$\begin{array}{r} 1383 \\ 511.4 \\ \hline 1894.4 \end{array}$$

$$\begin{array}{r} 1383 \\ 400 \\ \hline 1783 \\ 117.4 \\ \hline 1900.4 \end{array}$$

July 31 - 1953

Figureing West line of Sec
4-140.30

USEING old IM at NW Corner
and the IM set by John Howard
for M.C. N side of Stoney Lake

Howard's $\frac{1}{4}$ IM goes N. 7 of a foot
and 12.36 ft E to line up with his
MC and the IM. NW Cor Sec 4-140-30
see next page

Fig Travels thru page. 39-40-41

MC = Sta 1 - $\frac{1}{4}$ = Sta 2 $\frac{899.2'}{MC}$ N of
run. N 86° 43' E @ 1328.3 IM + 71.5 = 1399.8 -

Sta 3 is 1397.5 E and 979.37 N of M.C.

run N 0° 42' W 719.4 to Sta 3 which sets
1689.72 N and 1388.71 E of MC

run N 0° 10' W 1239.7 to Sta 4 which is
2938.42 ft N and 1385.10 E of M.C.

run N 1° W 256.2 to Sta 5 which is
3194.58 ft N and 1380.63 ft E of MC

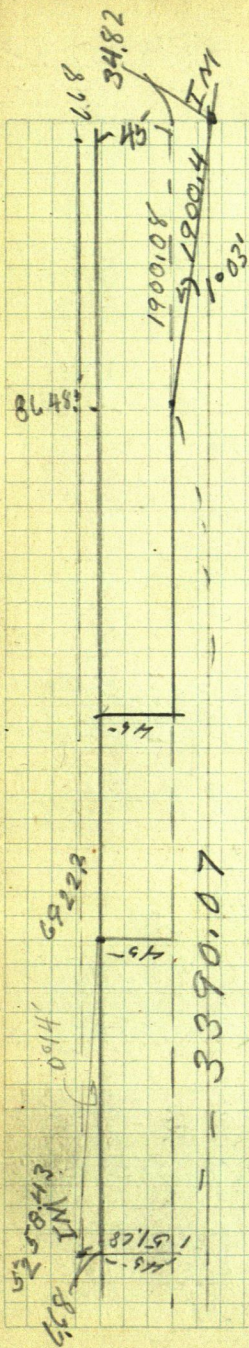
run N 39° 18' E 404.1 to Sta 6 which is
3507.39 ft N and 1636.58 ft E of MC

run N 11° 26' E 382.1 to Sta. 7 being old
but 6922.2 ft E of NE cor Sec 6
on old Randon Trupline and is 3881.91 ft
N and 1712.32 ft E of M.C.

Hand-drawn survey map of a coastline with various bearings and distances. The map shows a series of points connected by lines, with bearings and distances written along the lines. Key features include a coastline on the left, a series of points labeled 'sta 1' through 'sta 4', and a series of bearings and distances written along the lines. The map is drawn on a grid of latitude and longitude lines.

Key data points and bearings from the map:

- Top left: 51.86' 01" IN, 1663.77'
- Top center: 1663.77', 1712.32', 13881.91', 13507.39', 16365.58'
- Top right: 1394.58', 1380.63', 12938.43', 138510'E
- Center: 12397', 12397', 10910'W, 10942'W, 719.4', 11489.72', 1388.71'E
- Bottom left: 1663.77', 1663.77', 13776.96', 1663.77'
- Bottom center: 1328.3', 1328.3', 1899.2', 1899.2'
- Bottom right: 1328.3', 1328.3', 1899.2', 1899.2'



$$1003' =$$

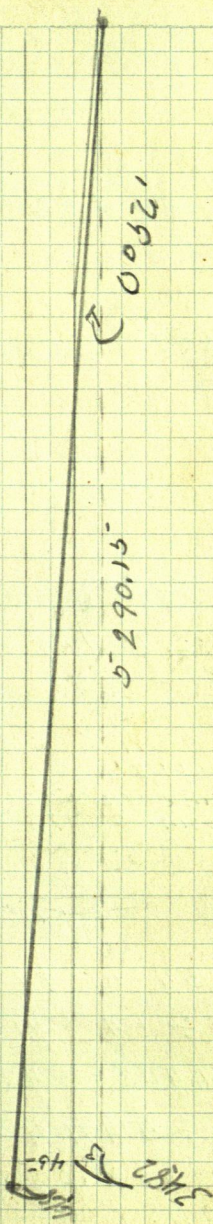
$$\text{Since } 018325 \times 1900.4 = 34.82$$

$$\text{Cosine } 999832 \times 1900.4 = 1900.08$$

$$34.82 + 43 = 79.82 + 668 =$$

$$3390.07 + 1900.08 = 5290.15 -$$

$$86130 \div 5290.13 = 0.16351143 = 0.56'$$



From SE corner Sec 4-140.30
 run North along E road @ 705.6
 hub. 609 spike in E + 3-6-7-12-15-
 $1800 + 126.35 = 2630.95$ hub.
 609 spike almost in line with high
 line poles West + 2161.8 hub on top
 + 691.9 to intersection hub

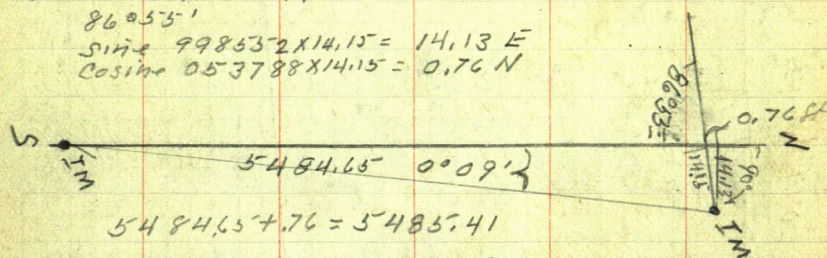
S W angle of random lines
 is $86^{\circ} 55'$ intersection hub is
 14.15° W of I.M.

from SE corner N 2630.95 hub + $2161.8 =$
 4792.75 hub on top + $691.9 = 5484.65$ to
 hub at intersections of North and East
 random sec. lines

$86^{\circ} 55'$

Sine $99853.2 \times 14.15 = 14.13$ E

Cosine $99853.2 \times 14.15 = 0.76$ N



$$5484.65 + 0.76 = 5485.41$$

$$14.13 \div 5485.41 = 002575924 = 0^{\circ} 09'$$

$$5471.445 = 5485.4 \text{ mych} = 14. \text{ ft long East Side}$$

$$14. \div 5471.4 = 00255876 \text{ long for each ft.}$$

$$396045 \times 00255876 = 10.13 + 3960 = 3970.13$$

$$264045 \times 00255876 = 2646.76$$

$$132045 \times 00255876 = 1323.38$$

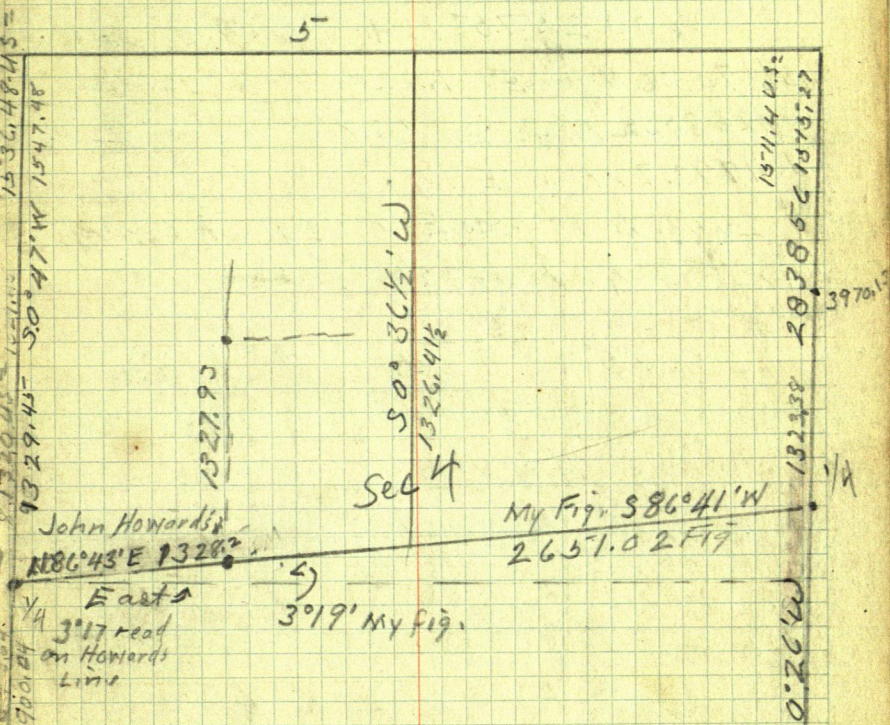
$$\begin{array}{r} 132293 \\ 2 \\ \hline 263586 \end{array}$$

$$\begin{array}{r} 132339 \\ 132949 \\ \hline 265288 \\ 132641\frac{1}{2} \end{array}$$

$$\begin{array}{r} 132641 \\ 132949 \\ \hline 265586 \\ 132793 \end{array}$$

47

5-



MC, using John Howard's I M $\frac{1}{4}$
on W. side Sec. 4 - 140 - 30th
Center would be 2657.20

West Side 3750.12 US = $\frac{8}{3776.96}$ My Ch = 26.84
Long.
 $26.84 \div 3750.12 = .007157104$ long for each foot
 $893.64 \times .00715704 = 6.40 = 900.04$ N of MC to $\frac{1}{4}$ m. W. sig

48

Correction for East line sec
4-140-30

.00 2575924

h46 703.6 Ngao E 1.82

" 2630.95 Ngao E 6.78

" 4792.75-N " E 1235

at 2646.76 pt Ngao E 6.82 to pt for 1/4
bet sec 3-4. 140-30

230,1-7

Book
269

870.03
86.41
173.46
86.33

60
20
100
33

8960
24.8
8705

49

N. 40° 45' 25" E
5335.87 E

312.78

3000

N 97° 10' 00"
51.86 E

5286.01
N 2° 33' E 5292.86
1323.21 5286.01 2646.43
2643

1547.48

N 86° 33' E

N 100° 11' 45" E

1236

N 20° 35' 45" E
1327.83

N 100° 36' 1/2" E

S. 86° 41' W 5311.29

5302.4

2661.2
5314.4

5314.4 E

N 100° 11' 45" E

1323.21
1327.83
2651.04
1325.52

N 100° 11' 45" E

E 4 W

1327.83

Called 580

N 0° 36' 1/2" E
N 3° 19' E
355 1/2

Tower I Mon E and W $\frac{1}{2}$
 Sec. 4 - 140-30 1274.5' E of $\frac{1}{4}$
 site S $86^{\circ}41'W$ on E & W $\frac{1}{2}$ as run
 by John Howard and run
 N $40^{\circ}43'E$ 215.4 to I.M. set by
 agreement.

Tower I M set by agreement 13
 site S W and run N $45^{\circ}45'$
 56.75 to I.M. set by agreement
 to mark the line between the
 property owners of Goat Lots
 and 6.

Ties to I.M. $\frac{1}{2} \times 6$ ft
 set by agreement for $\frac{1}{4}$
 line

Ook 14 S $19^{\circ}E$ 6.4'

" 16 N $40^{\circ}30'E$ 39.4

continued on page

Lot 7 - Sec 4 - 140 - 30

51

Book 111 of Deeds pge 52

A part of Gov't Lot 7 sec. 4 - 140 - 30

beg. at the SW cor of said lot 7 &
running thence $N 0^{\circ} 36' \frac{1}{2}'' E$ along the
West line of said Lot 7 a distance of
235 ft thence $S 45^{\circ} 13' E$ 176 ft to the
Shore of Stony Lake thence S waly
along shore 165' to place of beg.

Willard H Osburnsen

32/00

Norma Osburnsen

his wife

to

Ransom Harrington

Florence Harrington

his wife

176.00
36.75
119.25

$S 45^{\circ} 13' E$
176.00
 $N 0^{\circ} 36' \frac{1}{2}'' E$ 235

$N 46^{\circ} 45'' E$ 215.14

1274.5
 $S 86^{\circ} 43' W$

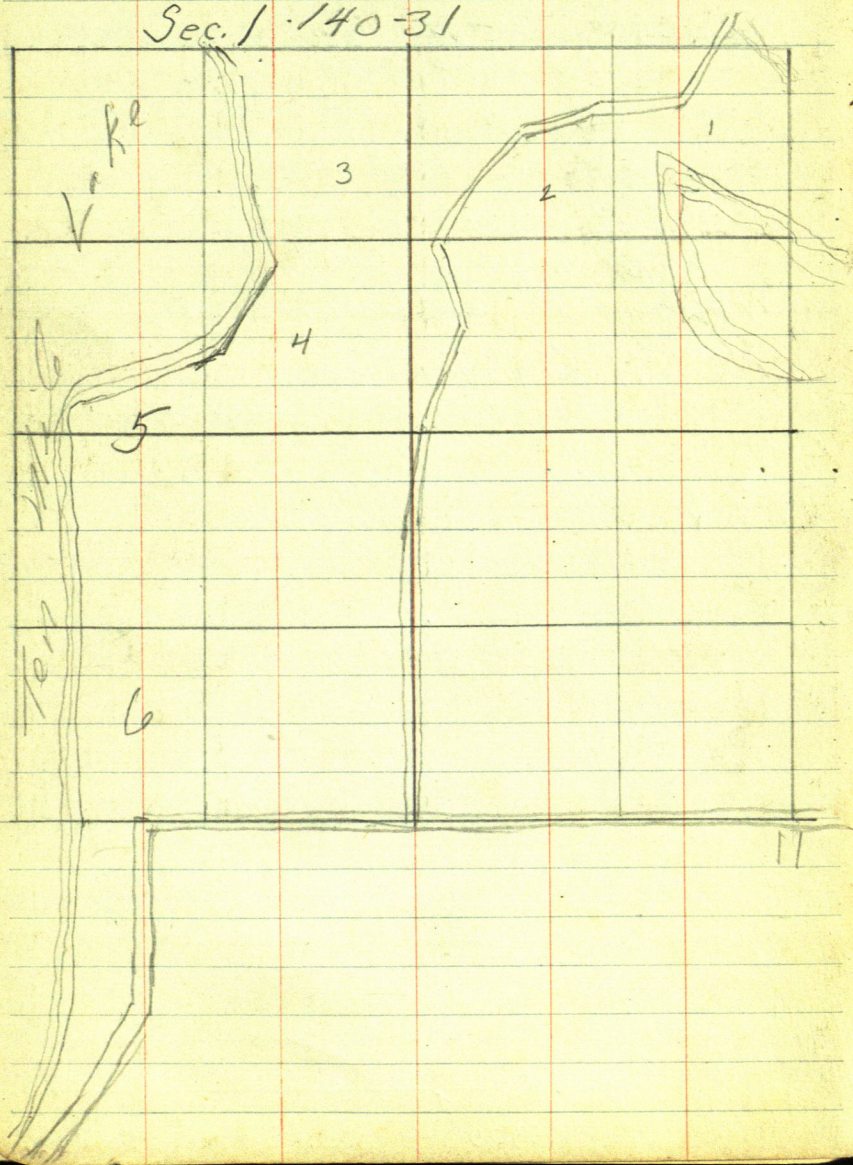
IM
53.70

52

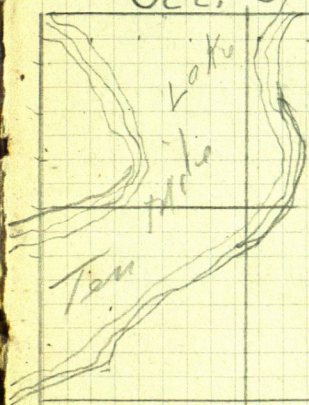
①

Section 1-T140-R.31
 Lots 4-5 and NE $\frac{1}{4}$ of SW $\frac{1}{4}$

Sec. 1-140-31



Sec. 6 - 141 - 30



88°57'

July 14-1954

Bob John + I. to Mike's on Stony
Tower I.M. returns page 50Site S $45^{\circ}13'E$ on I.M. Mike's
E linerun. N $42^{\circ}20'E$ 244.8 to Sta 1
Tower No 1 BS S $42^{\circ}20'W$ runN $24^{\circ}26'E$ 105.75 to Sta 2Tower No 2 BS S $24^{\circ}26'W$ + run
N $41^{\circ}56'E$ 110.4 to pt for I.M.

Fig.

$$\begin{array}{r} 132783 \\ 12745 \\ \hline 5333 \end{array}$$

hub 1274.5 on south line run

N $86^{\circ}43'E$ 53.33Sine $998359.3 \times 53.33 = 53.241$ Cosine $0.572745 \times \quad = 3.037$ N $0^{\circ}36\frac{1}{2}'E$ 240

Sine 0106175 x

Cosine 9999435 x

S $45^{\circ}13'E$ 119.25

Sine 709776 x

Cosine 704428 x

104.72
 10763
 21235
 184175

50.4
60

55

Hub 1274.5 E on E & W R. Sec. 4
 is 53.01 W & 5.84 ft S of Center of Sec.
 run.

N 46° 43' E 215.4

Sine 728371 x 215.4 = 156.89 E
 Cosine 685183 x 215.4 = 147.59 N

N 45° 13' W 56.75

Sine 709776 x 56.75 = 40.28 W
 Cosine 704428 x 56.75 = 39.43

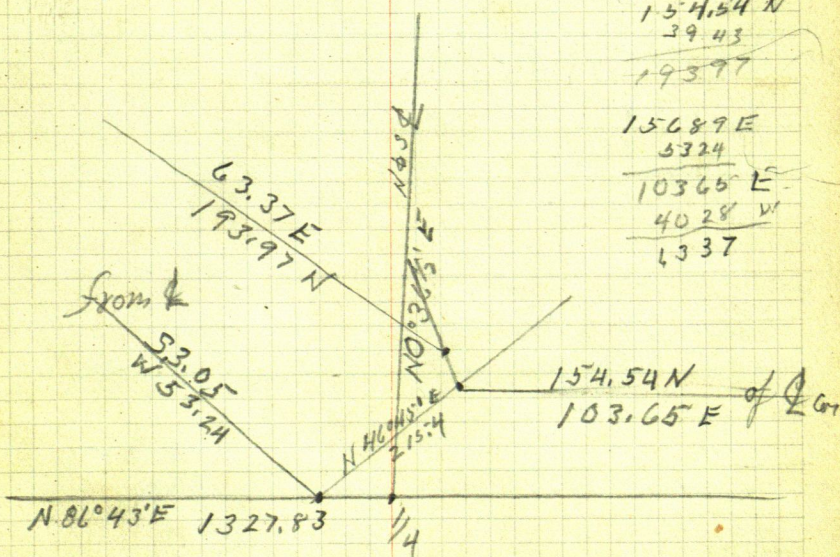
157.59 N
5.05

154.54 N
39.43

193.97

156.89 E
33.24

103.65 E
40.28 W
13.37



N 42° 20' E 244.8

Sine 673443 x 244.8 = 164.86 E

Cosine 739239 x 244.8 = 180.97 N

N 24° 26' E 105.75

Sine 413634 x 105.75 = 43.74 E

Cosine 910443 x 105.75 = 96.29 N

N 41° 36' E 110.4

Sine 668265 x 110.4 = 73.78 E = 282.38

Cosine 743923 x 110.4 = 82.13 N 359.39

282.38

63.37

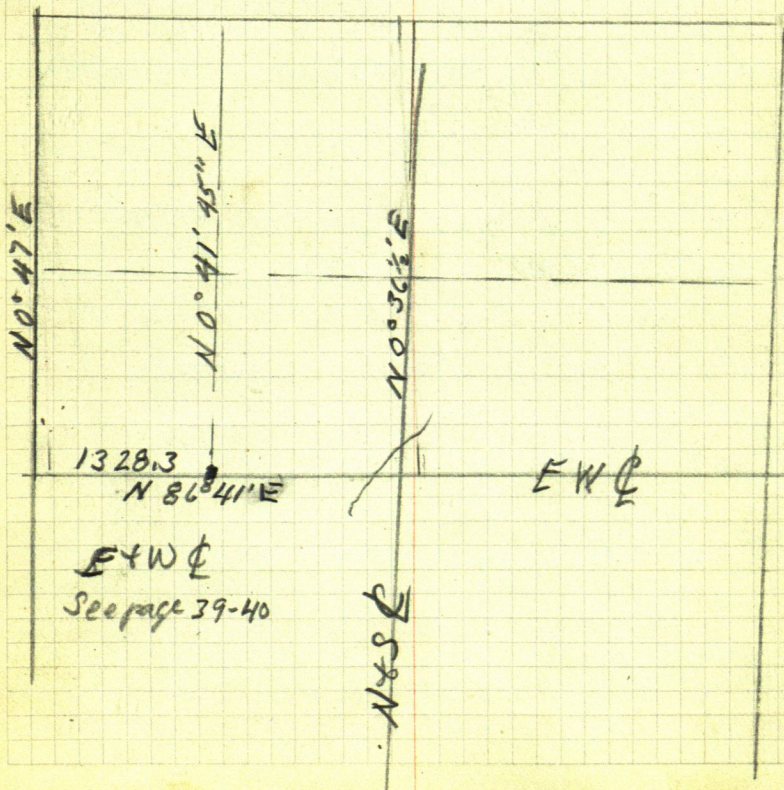
345.75

Aug 1st 1954

Last night Mike Harrington call at the house he wants to deed two 100ft tracts to this sister + Brother-in-law I tell him I will be out Sunday

Aug 1st 1954

check notes at 1328.3 I M set by John Howard for the S.W Cor of Lot 6 owned by Mike



Aug 1st 1954

Don - Bob & I to Mike's
dinner with Mike

Tower 60 ft high .50 N of Howards
IM site West $86^{\circ}41'W$ & run
 $N 0^{\circ}41'45''E$ @ 135.25 hbk. + 190 =
325.25 run 149.75 = 475.00
hub pt for IM.

Tower 475.00 BS $S 0^{\circ}41'45''W$
along W line Lot 6 and run
 $N 86^{\circ}41'E$ parallel with S
line Lot 6. - @ 45.00 to IM
@ 66.00 & Trap road.

π st. 11 @ 475.00 run $N 0^{\circ}41'45''E$
100 ft to 575 ft N then E parallel
with S line Lot 6 $N 86^{\circ}41'E$ 40 to
IM @ 65 ft & Trap road.

π at 575 run N. 100 to 675
Tower 675 run E parallel with S
line Lot 6 $N 86^{\circ}41'E$ @ 40 IM
@ 64 & Trap road.
drive IM

$$\begin{array}{r} 325 \\ 130 \\ \hline 475 \end{array}$$

$$\begin{array}{r} 325.25 \\ 149.75 \\ \hline 475.00 \end{array}$$

59

N 100 ft of S 676 ft of W 66'

Charles H. Jensen

Marian E. Jensen

N 100 ft of S 573 ft of W 66 ft of
Lot 6 Sec 4 - 140-30

Della E. Johnson

Victor H. Johnson

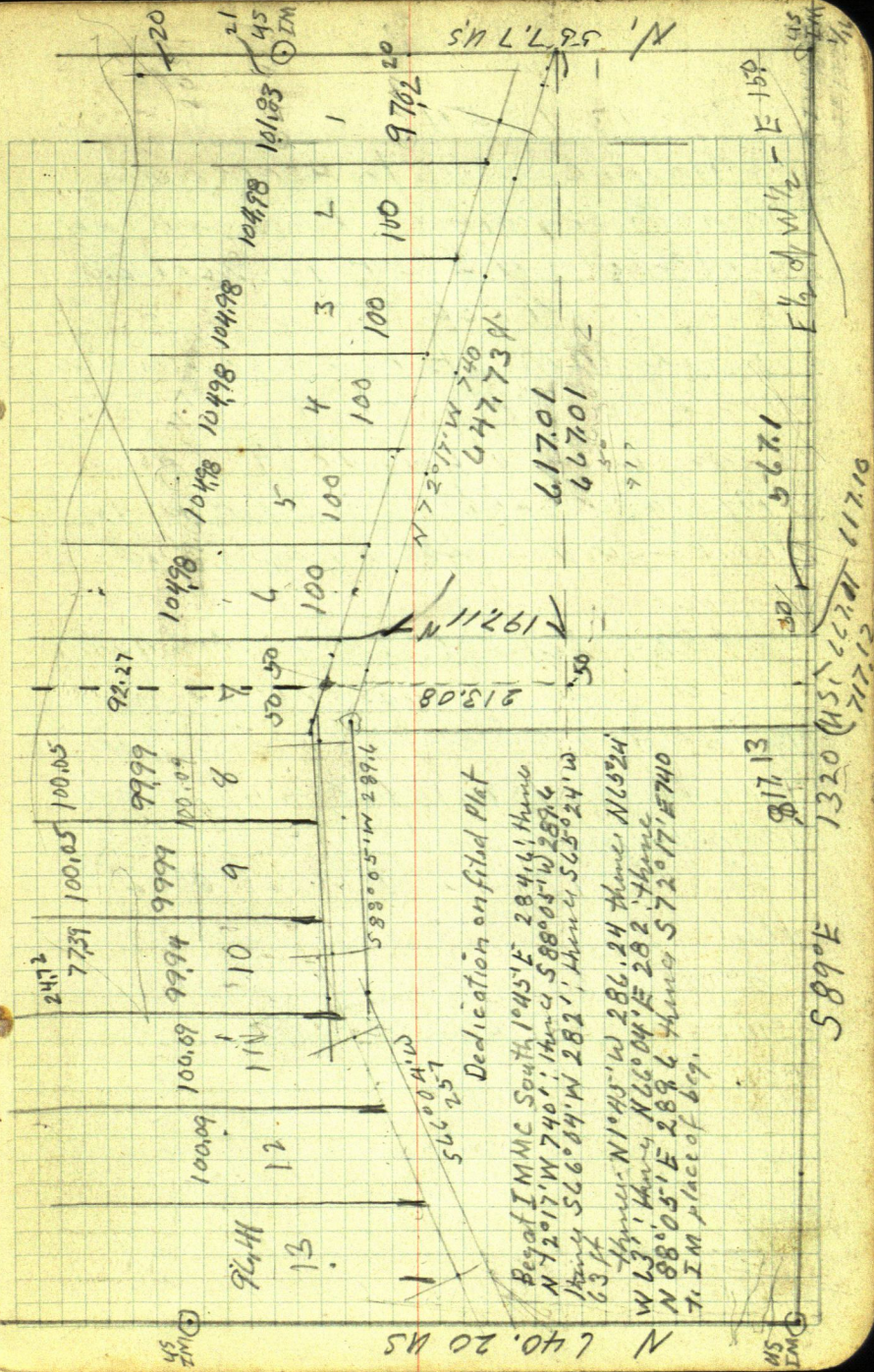
9535
28
Oct 12 - 1954

Sometime ago Mr. Ashenbrenner came to my office to find out what my charge would be to re-stake bunches of lots in Plat of Fairwood surveyed by E. B. Horst in 1926. I told him I would do it for \$150. as some of the lots are owned by the Bockus State Bank and Thompson and others he said he would let me know.

Today Oct. 12th 1954 he comes in there is 5 different owners one does not care to have his lines run. The other 4 wants their lines will pay \$120. I said OK.

I follow him out to Pine Point he shows me the Gov't I Ms at NW and SW corners of said Lot 2.

I drive back to Walker to check description and Plat of Fairwood. The plat on file does not correspond with the dedication on said plat. and in trying to figure nothing checks.



Dedication on filed plat

Bay of IMMC South 1045°E $284.4'$, thence
N 72.1°W $740'$, thence $S 88^{\circ} 05' \text{W}$ 287.6
thence $S 66^{\circ} 04' \text{W}$ $282'$, thence $S 65^{\circ} 24' \text{W}$
63 ft

05 ft
Hymen. N 104° 13' W 286.24 fms, N 15° 24' W 13', then N 66° 04' E 282', then N 88° 05' E 288.6 fms, S 72° 17' E 740 fms. place of bog.

70685

17.13

1320 (451 667.01 617.10
717.12)

Oct 23-1954

Don - Ed + I to Fairwood
on Pine Point Leech Lake
set flag a NE cor I.M. Lot 2
Sec 31-143-30

Travel I.M. SE cor open up the
line so I can see flag. That 00°
Turn L and run N 89° W on S
line of Govt Lot 2 according to
US re-survey plat in Reg. of deeds
Office

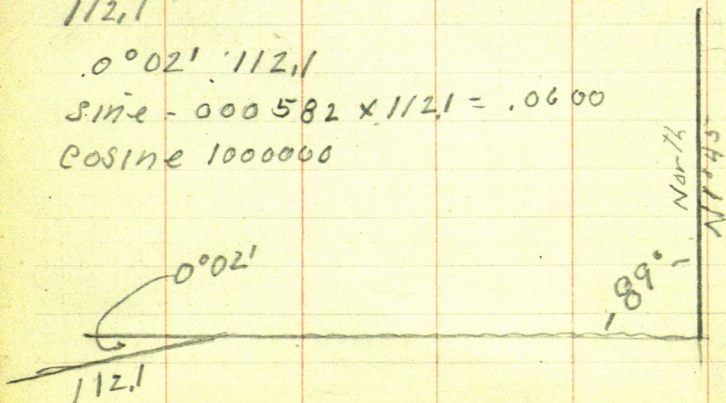
@ 159.4 hub 60° spike + 295 = 454.4
hub 50° spike + 311.85 = 766.25 hub
+ 176 = 942.25 on top over sand pit
+ 49.9 + 98 = 1090.15 hub + 119.35 =
1290.5 hub.

Travel hub 1290.5 I.M. set 0° 02' E on S
112.1

0° 02' 112.1

Sine - 000582 x 112.1 = .0600

Cosine 1000000



$$\begin{array}{r} 293.5 \\ 1159.4 \\ 454.4 \\ 311.85 \\ \hline 942.25 \end{array}$$

$$\begin{array}{r} 766.25 \\ 170 \\ \hline 942.25 \end{array}$$

$$\begin{array}{r} 942.25 \\ 98.9 \\ \hline 149.9 \end{array}$$

$$\begin{array}{r} 2135 \\ 98.35 \\ \hline 119.35 \end{array}$$

$$\begin{array}{r} 667.01 \\ 150.1 \\ \hline 7.1 \end{array}$$

$$\begin{array}{r} 1090.15 \\ 119.35 \\ \hline 1209.50 \\ 112.1 \\ \hline 1321.60 \end{array}$$

$$\begin{array}{r} 521 \\ 60 \\ \hline 1121 \end{array}$$

☐ of lot 7 is 667.01 W of E line @ 90°
South line runs N 89° E

Sine 999848 into 567.01 = 567.1

Cosine 017452 into 667.01 = 667.11

into 717.01 = 717.12 W of lot 7

☐ lot 7 to W line - Lot 13 = 647.38

2 / 647.38 \ 323.69 = 1/2 of Lots W of

☐ Lot 7

$$667.01$$

$$323.69$$

$$991.70 = \text{Center } W \frac{1}{2}$$

991.70 - 999848 = 991.85 = distance
along the S line Lot 2

$$\begin{array}{r} 1320 \\ 567.1 \\ 454.4 \\ \hline 1127 \\ 1290.4 \\ 112.4 \\ \hline 1402.8 \end{array}$$

$$\begin{array}{r} 667.11 \\ 567.1 \\ \hline 1000.1 \\ 667 \\ 667 \\ \hline 1334 \end{array}$$

Tower hub 7 66.25
chain E 49.13 to 717.12 W set hub

From hub 454.4 chain East 112.7
to 567.1 set hub + 100.01 East
hub @ 667.11

From 766.25 chain W 50.88 to
817.13 W line Lot 8 about =
W line of E 150 ft of E $\frac{1}{2}$ of W $\frac{1}{2}$

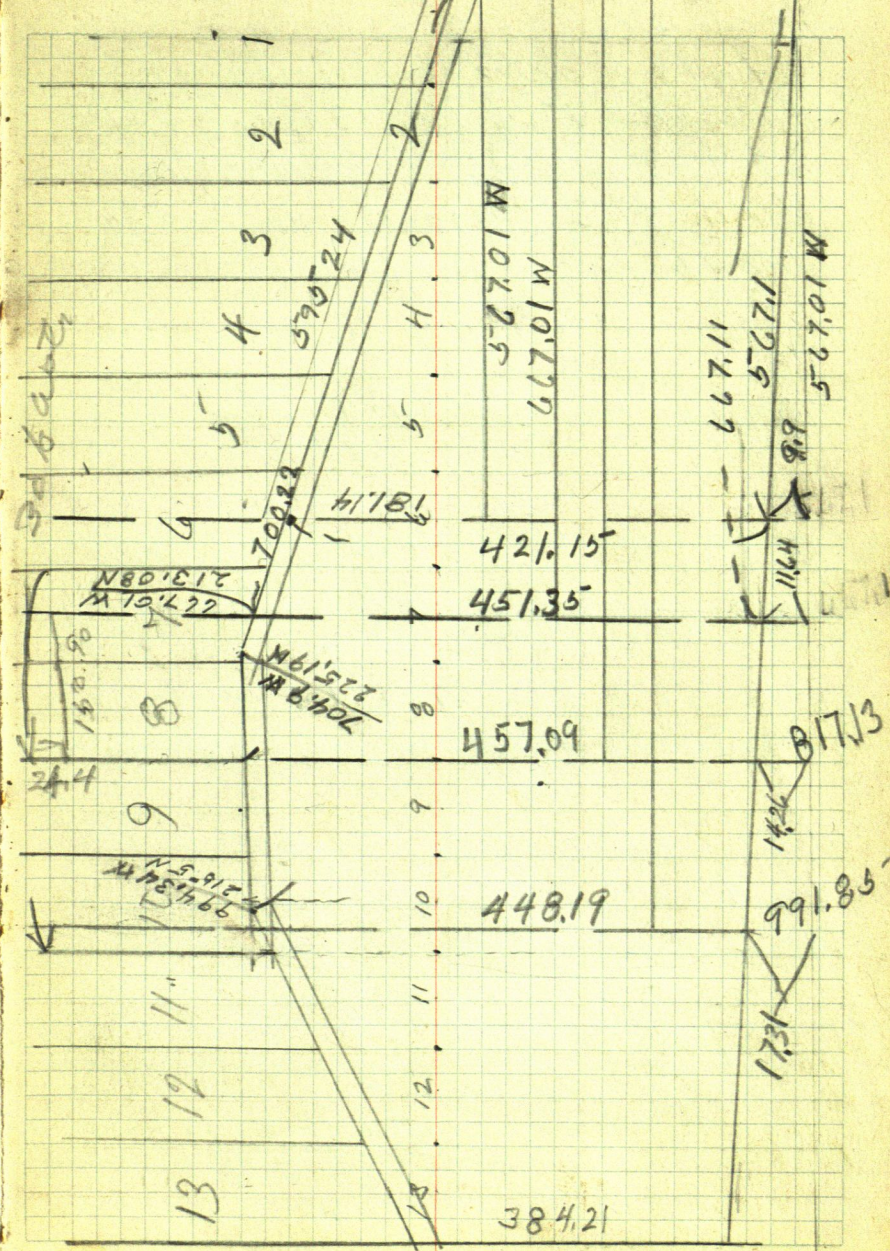
From Hub 942.25 chain W

817.13 W at big rock goes W.93 to
818.06 and is 817.94 West of E line

717.12
667.11
50.01

249.91N

65



1298

Wed. Oct 26th/1954

Hert & I drive to Pine Point
 Towns hut 567.1 on S line of Sect
 lot 2 B.S. S 89° E on line & run
 North @ 33± & road 143.65 hut

143.65-

+ 8

151.65- at on N edge of birch stump

+ 300

451.65 pin

- 421.15

30.50

5

451.65-

60.7

512.35 pin

+ 38

550.35- hut 60^d apr 6.

+ 9.8

67.75

716.10 hut

@ 716.10 at IM 25 ft from water

Towns 667.11 B.S. S 89° E & run North
 on line Lot 7

@ 33± & road @ 235.45 hut +

210

445.45-

451.35-

445.45-

5.90

235.45-

2985-

533.95- hut

235.43

210

435.43

46-17

Book 269

67

533.95

+ 238

+ 63.0

+ 17.0 = total

637.75

533.96

+ 23.8

+ 63.0

+ 28.0

+ 82.6

+ 14.16

2

745.5

214 Wals 50±

Oct 29-1954

Gert & I go to Pine Point
and cut out the E 150 ft of
W $\frac{1}{2}$ of Plat

from spike on shore of Lot 7
pt for IM set π turn 90°
chain 150 ft at hub
A over hub on top. Turn 90°
chain 150 ft at hub
A over hub on top look N
on hub and cause hub to
be set North of pt $90^\circ + 150$
ft West of of Lot 7 chain N
24.4 set pt for IM. 30 ft \pm from
water run South cause hub
to be set 300 ft \pm S on top
set hub at intersection with
S line of Lot 2 & this line
from intersection pt chain N
of 30 ft of road @ 232.4 hub
on top @ 457.09 hub dot con
home at 5:30
get load of wood \$10.00

$$\begin{array}{r} 4343 \\ 65 \\ \hline 4993 \end{array} \quad \begin{array}{r} 44819 \\ 4343 \\ \hline 1389 \end{array}$$

$$\begin{array}{r} 319 \\ 39.6 \\ \hline 358.6 \end{array} \quad \begin{array}{r} 358.6 \\ 75.7 \\ \hline 434.3 \end{array} \quad 69$$

Oct 30 1964

Corner SW Cor Lot 2 N.W corner
bears $N0^{\circ}05'E$

From SW cor chain N @ 30° & E + W road
@ 70 hub @ 160 spk @ 220 spk

@ 300 spk @ 390.2 Lot cor ?

@ 470 hub @ 550 hub 640 - .75 = IM

& $W \frac{1}{2}$ Lot 2 Chain from IM
on S line @ 30° & road

@ 125 ± & Thompson road

@ 240.9 hub @ 300 pin @ 319 hub

+ 39.6 = 358.6 hub + 75.7 = 434.3 hub

+ 13.89. pt for IM Lot line

434.3 + 65 = 499.3 pin + 60.8 = IM

+ 38.9 - IM + 34.8 IM + 32.9 + 33.4 IM

+ 56.3 - 40 to water

$$\begin{array}{r} 640 \\ 75 \\ \hline 565 \end{array}$$

E line of 100' Tract =

Oct 31 - 1954 § Lot 6

- figuring & Making Plat

IM Set § Lot 6. on N line of street
at 421.13' N. goes N 57.79 ft to
true point for this I.M.

421.13'

57.79

 478.94 True pt.

hubs at 1431.65'

421.13' Temp IM.

550.35'

716.10

West line 100 ft tract =

§ Lot 7

hubs at 235.45' - 451.35' - 533.95'

637.75' and 745.5'

451.35'

 757.79

509.14

from hub 533.95' chain S

 24.81 to

509.14

 true pt
for IM

E line of Thompson's 150' tract ⁷¹

hubs at 232.4 - 457.09 - 533.95 -

745.5 + 769.9

514.88

457.09

514.88

514.88

True pt for I.M.

19.07

533.95

from 533.95 chain S, 19.07 to true pt.

E line of $W\frac{1}{2}$ of $W\frac{1}{2}$ from $\frac{1}{4}$ lot 7 West

hubs 240.9 - 319.0 - 358.6 - 434.3 -

448.19 - Temp Cor. 560.1 - 599.0 - 633.8 -

666.7 - 700.1 - 756.3

448.19

+ 57.79

505.98

N True pt for I.M.

560.1

505.98

54.12

560.10

Oct 10-1956

Went & I to Mike Harrington's
on Stony Lake Sec 4 - Lot 6 - 140-30Took I.M. on West line North Lot
6 - 675 ft N of SW cor Lot 6

see page 58 this book 269

and B.S. on I.M. on W line Lot 6

and ran N along W line Lot 6
with 652.93 ft to go N from I.M.

N 86° 53' E

1325.52

Gov't. Lot 6 Sec 4 - 140-30

N 0° 41' 45" E
1527.93

S 86° 41' W

1328.2

$$\begin{array}{r} 1327.93 \\ 675 \\ \hline 652.93 \end{array}$$

$$\begin{array}{r} 1325.52 \\ 1092.15 \\ \hline 233.37 \end{array}$$

$$\begin{array}{r} 675 \\ 480 \\ \hline 1155.93 \\ 122.799 \end{array}$$

$$\begin{array}{r} 496.85 \\ 294.3 \\ \hline 791.15 \end{array}$$

$$\begin{array}{r} 652.93 \\ 480 \\ \hline 172.93 \end{array}$$

$$\begin{array}{r} 212.75 \\ 284.1 \\ \hline 496.85 \end{array}$$

73

bag at IM chain N 220 + 1.5 = 221.5 hub

220 + 260 = 480 pin @ 652.93 spin

at for IM NW Cor Lot 6

Turn NW cor lot 6 run N 86°53'E @ 46¢

road @ 210 + 2.75 = 212.75 hub offset

1 foot N + 280 + 4.1 = 496.85 hub offset 1 foot N

Turn offset hub site W on offset hub + run

N 86°53'E on a 1st offset North

496.85 + 294.3 = 791.15 hub + 301.0 =

1092.15 hub over bag on map. +

$\frac{233.37}{1325.52}$ set hub run S 1st set spin for

NE cor Lot 6. Acc. 4-140-30

A. L. Woock
Itackensack Minn

Fred Hagen
849 North 20th Ave
Fort Dodge Iowa

Al. Woock Ten Mile Lake
 Lot 4-5-6. Sec. 4-140-31
 Jan to Plat Lots 4 & 5 for \$800.
 Aug 7 1957 Checking old notes
 Aug 19 1957 get Check from Mr.
 Fred Hagan Who is in with Woock
 first payment on contract

As Don left for Camp McKay Sunday
 at 3 AM. Aug 18th 1957

August 19-1957

Ed. Bob & I drive to Sec. 4-140-31
 and try to locate the NE cor of said
 sec. 4. We find an I M which
 might be the corner we are looking
 for but am not sure we open up
 a line West from said I M.

We go get Bill Shofner who worked
 with Dad in 1940 when he platted
 CHARITON Beach.

Subt lots 1 & 2 in Sec 3-140-31

Bill says he did not do much
 work on the Twp line but helped
 in laying out the lots of the plat.

We drive back and locate I M.
 on state line also the Cement Cor
 which Bill says is NW cor of Lot 2

check distance from said cement
 cor NW cor Gov't lot 2 Sec 3-140-31
 West with the cor, which seems to
 come out at the IM we have
 will check distance with chain
 as there is ~~suppose~~ be a
 cement cor post at this corner
 which we did not find only an IM.
 accord to a blue Print Which Fred
 Hagan has shows 1320 ft along -
 N line of Gov't lot 3, from one cement
 corner at NE cor Lot 3 to cement corner
 at NW Corner his blue print dated
 1934 - Dads distance gives 1330.9
 but says nothing about cement corners
 only IMs.

His notes on page 59 book 415
 says 1957.2 \pm Cement Mark \square .

- @ 2658.0 (Pg. 44 book 415) IM
- @ 3035.5 hub on top ties pg. 47 book 415
- @ 3287.5 IM sets N 3 ft NW Cor Sec 3
- @ 3757.1 hub.
- @ 3938.0 hub side hill
- @ 3989.0 IM SW Cor Sec. 34 - So 15

Tenth Standard Parallel
1679.04

West 4319.04 US ch
1320.45

140.31

36.50 acres US

1097.25.815

1105.6

1113.75

33' in 1/2 mile

Course of this line cannot be changed
No Matter what happens to distance from
the lake to the NE corner
Lake only

60.43'

33 acres =

$33 \div 2 = 16.50$ change

x 66

1089.00 ft

through center
Lot 1 N4S

33 acres N4S Lot 1

1088

Corrected in 5 ft each
0.0125 S for each
0.0125 West

1320.45

1088.75 US

Sec 3

Section South 1320.45

Aug 21-1957

Ed starts working for Bill Dalham carrying up pop. etc.

@ 8-30 - Bob - Ed + I drive to Ten Mile Lake Sec. 3 - 140-31.

from Cement mon. Ed + I chain west from spike on top chain E. 800 ft downhill then from pt in line with cem. mon. in road chain west down hill $243. = 1043$ ft

from pt 1043 ft W of Cem. mon chain W

@ 1043. + 35.3 - set pt. from which we find Twp to hub 3035.5 see book 415 page 47

We re-set hub 3035.5 by flat chain from B.T.s

Bur. Oak $75^{\circ}40'25''$ W - 28.90

W. Birch $8^{\circ}11'$ E 87.90

according to Old Notes in book 415

The IM NW cor Sec 3 sets $N 4.23^{\circ}$ ft from True line hub 3737.1 W goes 1.40 S

Then IM Site W on hub 3737.1 Turn 90° run S. 4.23

Then 4.23 Site W on pt. 1.40 S of 3737.1 and run South @ 90°

180.1

$$\begin{array}{r} 270. \\ 87.2 \\ \hline 357.2 \end{array}$$

79

At NE cor Sec 4 we find SWCs
R.R. spike hub 3 ft S of IM

Over R.R. spike site W $0^{\circ}01'N$ on
SWCs old R.R. spike hub 3737.1

and run South to Random line between
Sec's, 3+4 - 140-31.

@ hub 60° spike on top

as our line is running across a old cut
out line we decide to follow old cut out
line for easier cutting

Over hub on top turn R $1^{\circ}15'$ and run
S, $1^{\circ}15'W$

Aug, 22-1957

Bob - Ed & I to NE Cor Sec 4-140-31

Ed takes T South along sec line bet. sec 3-4

Bob & I chain 179.1 to hub ^{AP} from R.R. spike
3 ft south of IM (R.R. spike is 3 ft S of IM
and 1,23 Not true Twp line)

179.1 AP run S $1^{\circ}15'W$ @ 270 pin + 87.2 =
357.2 hub.

437, 2
292, 5
749, 7

$$\begin{array}{r} 839.7 \\ 1179.1 \\ \hline 1018.8 \end{array}$$

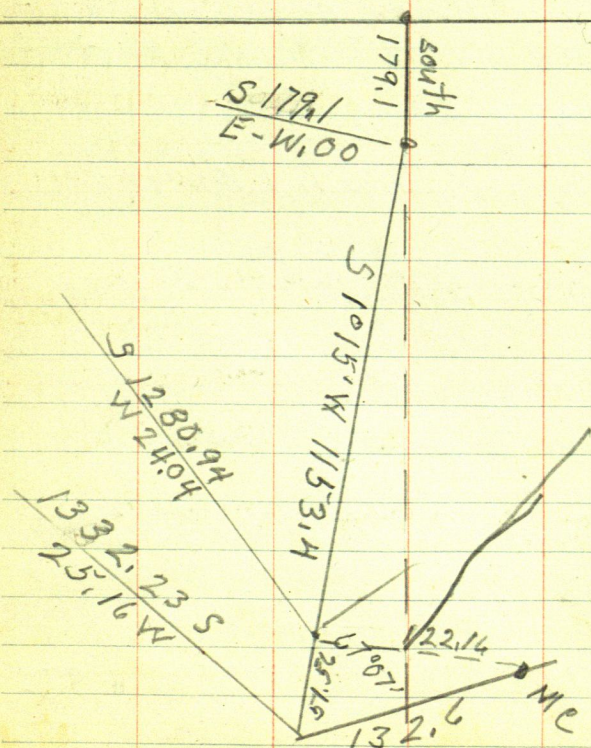
$$357.2 + 100 = 457.2 \text{ min} + 292.5'$$

749.7 sub. + 126 = 870' enter sup
+ 90

$$839.7 \text{ min} + 220 = 1060 \text{ Lv swps}$$

$$1139.7 \text{ min} + 13.7 = 1153.4 \text{ hwt on sea wall}$$

M.C. bears $N 67^{\circ}07'E 132.6'$



1060
870
190

1153

1153
1060
99

81

S 10°15' W 1153.4

Sine .021815 X 1153.4 = 25.16 W
Cosine .999762 X 1153.4 = 1153.13 S

1153.13
1791
1332.23

1153.4
1791
1332.5

N 67°07' E 132.6

Sine .921299 X 132.6 = 122.16
Cosine .388856 X 132.6 = 51.56

1153.4
51.56
1101.84

1101.84
1791
1280.94

S 1°15' W 1101.84

Sine .021815 X 1101.84 = 24.04
Cosine .999762 X 1101.84 = 1101.58

122.16
24.04
98.12

at 1280.94 South the MC N side of Ten
Mile lake bet, Secs 3-4 the MC sets E 98.12'

98.12 ÷ 1280.94 = .076599996
Correction .0766 = 54°23' E

Correction of Random to a line South
from NE cor Sec 4-140-31

24.04 ÷ 1101.58 = .021823199 = 1°15'

for Correcting Random to
align South

hub 179.1 S as & P St 0

" 357.2 S on Random goes E 7.80 to line S

" 749.7 S " " " E 16.36 " " S

Line S goes E .0766 of a ft for each ft
S to True Sec. line

hub 179.1 S goes E 13.72 to Sec. line

" 357.2 S

536.3 S and goes E $41.08 + 7.80 = 48.88$.

" 749.7

1791

928.8 S and goes E $71.15 + 16.36 = 87.51$.

" 1153.4

1791

~~1332.5 S goes E 162.07~~

1153.4

5136

1101.84

1791

1280.94 S goes E $98.12 + 24.04 = 122.16$

S 40° 23' E

Sine 076429 X 1284.7 = 98.18

Cosine 997075 into 1280.94 = 1284.70

Tang. 076653 X 1280.94 = 98.19

1320 45 =

12847 my ch

35.3 short

1320 into 35.3 = .026472424

1080.75 distance fig. see page 77 US dist.

1080.75 X .026472424 = 28.90 short

2890

1051.85

distance chained & figured from NE cor.
to M.C. is 1284.7

- 1051.85

232.85

Friday Aug. 23-1957

I go to office to check U.S. Notes

MC N side lake bet sec 3-4-140-31

is M.C. N° 32

U.S. Notes call for

Aspen 8 N 51½ E 10

" 8 N 89° W 15"

$$\begin{array}{r} 84 \quad 775 \\ \quad 300 \\ \hline \quad 1095 \\ \quad 177 \\ \hline \end{array}$$

$$\begin{array}{r} 1320 \\ 795.8 \\ \hline 524.7 \\ 1320.0 \\ \hline \end{array}$$

N $1^{\circ}15'$ W 179.1

Sine $0.21815 \times 179.1 = 3.91$

Cosine $999762 \times 179.1 = 179.06$

1153.4

179.06

133246 into 391 = .002934422 = $0^{\circ}10'$

1320 0045

12.46 Long

1320 into 12.46 = .009454545

$1080.70 \times .009454545 = 10.22$

10.22

1090.92

1332.46

109092

241.54

PM.

home to dinner

Raymond goes with us PM.

Town spike 1153.4 BS N $1^{\circ}15'$ E

run N $1^{\circ}05'$ on line 241.54 at
edge for NE cor Lot 6 - Sec 4 - 140-31

Run back to camp

Town NE cor Lot 4 BS S $1^{\circ}05'$

W and run East $0^{\circ}43'5$

114.4

160

274.4

260

5344

674.4

309

705.3

39.9

85

on N line Lot 6- @ 120 Lv surp
 @ 160 pin + 114.4 = 274.4 hub 60 ft up
 + 100 = 374.4 + 309 = 674.4 pin + 30.9
 = 705.3 W hub, wood $\frac{1}{2} \times \frac{1}{2}$
 @ 705.3 - sup lies South 30 ft
 @ 705.3 " lies West 90 ft - @ 795 ent. surp
 NW-SW
 @ 1095. pin in surp. + 127 = 1222 hub over
 surp 27

Sunday Sept 8th 1957

Ed. Don & I to Ten Mile Lake and continue
 the N $\frac{1}{4}$ line of Sec. 4 - Twp 140 Rge. 31
 West from hub over surp 1222. W cut out
 line do not chain.

86 Al. Woodk

Wed. Sept 11th 1957

Gert + I drive to Backus back to Walker. I drive to where the N¹/₂ line Sec 4 - 140-31 crosses Al. Woodk's new road arrive about 10-30 Albert & John come right after we continue N¹/₂ line West from road.

10-30 to 12-30 AM Start work 1 P.M.

T over 60' uph on first seawall site W 0° 43' N and run N 51° 11' W 145.5 to Sta 1

T over 1-BSS 51° 11' E run N 2° 12' W 130.8 Sta 2

T over 2. BSS 2° 12' E run N 17° 27' E 155.25 to Sta 3

T over 3 BSS 17° 27' W run N 33° 52' W 223.6 Sta 4

T over 4 BSS 33° 52' E run N 25° 50' E to Sta 5 198.65

T over 5 BSS 25° 50' W run N 5° 19' W 143.35 Sta 6

T over 6 BSS 5° 19' E run N 17° 45' W 268.3 to I Mat water edge

150.5 199.66

15035
7

89° 60
43
17

87

115-3.4
24 1.54
91 1.86

Figuring

Section Cor 00 run S 1° 05' W 1690.92

To M 1/4 Sine 018907 X 1690.92 = 20.63 W
Cosine 999821 X 1690.92 = 1090.725

Then 1/4 run S 89° 17' W 4060.7

Sine 999922 X 4060.7 = 4060.38 W

Cosine 012508 X 4060.7 = 50.79 S

Then split on seawall run

N 51° 11' W 145.5

Sine 779156 X 145.5 = 113.37 W

Cosine 626830 X 145.5 = 91.20 N

N 2° 12' W 130.8

Sine 038388 X 130.8 = 5.02 W

Cosine 999263 X 130.8 = 130.7 N

N 17° 27' E 155.25

Sine 299873 X 155.25 = 46.56 E

Cosine 953979 X 155.25 = 148.11 N

N 83° 52' W 223.6

Sine 557262 X 223.6 = 124.60 W

Cosine 830337 X 223.6 = 185.66 N

N 25° 58' E 198.65

Sine 435755 X 198.65 = 86.56 E

Cosine 906065 X 198.65 = 178.8 N

N 5° 19' W 143.35

Sine 092660 X 143.35 = 13.28 W

Cosine 995698 X 143.35 = 142.73 N

N 17° 45' W 268.30 to IM

Sine 304864 X 268.30 = 81.80 W

Cosine 951396 X 268.30 = 255.53 N

Sat Sept 14-1957

Don + I to Sec H-140-31

beg at 60th spike hub at edge of
road chain East along N $\frac{1}{4}$
line @ 160 enter Tank swp.

@ 260. min + 2.8 = 262.8 hub in swp.

260 + 100 = 360 to Tank swp

260 + 160 = 420 min on top. + 130 =

550 min + 14.6 = 564.6 hub + 130 =

564.6

130

694.6 min

- 2.9

691.7 hub

694.6 + 30 + 40

70

764.6 min + 8.7

8.7

773.3 hub at edge of swp.

764.6 + 233 over swp 998

+281.5

1046.1 hub on pt + 60

60

1106 enter swp

229

40
40.1
-980.1 89
9
717

$$1046.1 + 180 =$$

$$\underline{180}$$

$$1226.1 \text{ Lv mps wet}$$

$$1046.1 +$$

$$\underline{240}$$

$$1286.1 \text{ hub} + 41.4$$

$$\underline{41.4}$$

$$1244.7 \text{ hub}$$

$$1286.1 + 141.5 =$$

$$\underline{141.5}$$

$$1427.6 \text{ hub on side hill w. brush}$$

$$\underline{97.7}$$

$$1525.3 \text{ hub on top} + 50 + 87.5 =$$

$$\underline{137.5}$$

$$1662.8 \text{ hub on E slope hill}$$

$$\underline{71.1}$$

$$1733.9 \text{ hub on wedge of mps.}$$

$$1222.0 \text{ W of N } \frac{1}{4} \text{ bet sec. 3-4-140-31}$$

$$2953.9 \text{ to again in road}$$

From hub in road 10ft \pm E of $\frac{1}{4}$ chain
West, along N $\frac{1}{4}$ line Sec. 4-140-31

$$@ 321.1$$

$$200 + 231.4 = 431.4 \text{ hub}$$

$$431.4 +$$

$$\underline{110}$$

$$541 \text{ enter sup}$$

90

90.3

80.4

$$\begin{array}{r} 7 \\ 73.1 \end{array}$$

$$431.4 + 150 = 581.4 \text{ Lu swp}$$

$$+ 300$$

$$731.4 \text{ min} + 88.3$$

88.3

$$819.7 \text{ hub}$$

$$\begin{array}{r} 731.4 \\ 110 \end{array}$$

$$731.4 + 110 \text{ enter sedge of mps} + 160 \text{ Lu same}$$

$$731.4 + 300 = 1031.4 \text{ min}$$

$$1031.4 +$$

73.4

$$1104.8 \text{ hub. on seawall. A.P.}$$

$$+ 48.5$$

$$1153.3 \text{ hub on seawall 6 ft N 21 ft E}$$

of waters edge Ten Mile lake

$$\begin{array}{r} \text{Spoke in Road } 2955.9 \text{ W of N } \frac{1}{4} \text{ lot 3-4} \\ + \text{ " on seawall } 1104.8 \text{ W " N } \frac{1}{4} \text{ angle Rt.} \\ \hline 4060.7 \end{array}$$

$$\begin{array}{r} 1153.3 \\ 1104.8 \\ \hline 1170.0 \\ 1170.0 \\ \hline 1170.0 \end{array}$$

2955.9

1153.3

$$\begin{array}{r} 2955.9 \\ 1153.3 \\ \hline 4109.2 \end{array}$$

$$\begin{array}{r} 284346 \\ 284346 \\ \hline 268692 \end{array}$$

91

2692 1/4

5044.47

374.71
16700415

1708.76

1132.73
should be
1141.48 fig

W. 4319.0445

4395 4.8 mg Chl 1348.36

264015

2.286.72 my seq

1090.92

7.50.15

~~2063 W
1090.925~~

589074
400.7

1343.46

268692

150.515
4081.01W

4395:48 my ch sep
431904

76.44 Lang, 017298370K.

$\frac{7644.00}{431904}$

32496

$$1320 + 23.36 = 1343.36$$
$$2640 + 46.72 = 2686.72$$

58901712 =

W 0043'S

012508

cosine 999922 1416 1343.36 = 1343.46

2692 1/4

From 60° split in E edge of Wood's road is 00° E and 2955.9 W of sec line

hub	Marked	262.8 E is	2693.1 W of sec line
"	"	564.6 E "	2391.3 W " " "
"	"	691.7 E "	2264.2 W
"	"	773.3 E "	2182.6 W
"	"	1046.1 E "	1909.8 W
"	"	1247.7 E "	1708.2 W
"	"	1427.6 E "	1528.3 W
"	"	1525.3 E "	1430.6 W
"	"	1662.8 E "	1293.1 W
"	"	1733.9 E "	1222.0 W

from hub 1293.1 W marked 1662.8 E
goes W 50.26' to NE cor lot 5

hub and 262.8 E is 2693.1 W and goes
East 6.18 ft to $\frac{1}{4}$ center N $\frac{1}{2}$ Sec 4 NE cor Lot 4

→ from above points Site N 89° 17' E
on line & run S 1° 05' W along Hor's lot lines

Monday Sept 16-1957

I go see Harry Padock then go to Ranger Station. drive home for coffee drive to Sen. H. no crew drive around lake to Thomas's he is cutting corn. drive to Ace's where I get coffee & Ace we drive to Sen 4-140-31

from hub 1293.1 chain W 50.26 cut
60° spike for $\frac{1}{4}$ cor center NE $\frac{1}{4}$ Sect 4
Town 60° spike cor BS N 89° 17' E and
run S 1° 05' W along the E $\frac{1}{4}$ line
@ 46.5 hub. on top + 220 - 266.5 = 3.2
263.3 hub. + 127.5 = $\frac{43.7}{390.8}$ hub on N edge
of cut bank of road. + 45.7 = 436.5 hub in
& road.

4 hours for Ace.

1293.1
50 26
390.8
1343.9

$$\begin{array}{r} 119.6 \\ 3.75 \\ \hline 106.25 \end{array}$$

$$\begin{array}{r} 240.15 \\ 13.85 \\ \hline 226.30 \end{array}$$

$$\begin{array}{r} 243.16 \\ 37.50 \\ \hline 205.66 \end{array}$$

$$\begin{array}{r} 160.27 \\ 157.3 \\ \hline 2.97 \end{array}$$

$$\begin{array}{r} 302.5 \\ 0 \\ \hline 302.5 \end{array}$$

Sat. Sept 22-1957

cloudy - Ed. Don + I to Sec 4

140-31 Tower spike in E edge of

road site E on N 1/4 line from

hub in Tank swp chain E 6.18 ft

set 60' spike hub for NE cor Lot 4

Sec 4-140-31

Tower NE cor Lot 4 site S 89° 17' W

on N 1/4 line & ran S 11° 05' W on

N + S of Sec 4, 140-31 @ 197 LV

Tank swp. @ 238.5' hub 60' spike

+ 70 + 113.6 = 183.6 =

183.6

422.1 spike hub on bank

N side road, under T + 27 = 449 &

road NW-SE 422.1

+ 1897

611.8 hub + 30 + 104

+ 134

745.8 hub in E pond

1025.5

+ 20.15

611.8

30

641.8

2nd Sec 4 1043.65' hub

+ 129.1

1025.5

+ 50

770.9 hub back stake line

1075 + Waters edge

641.8

+ 300

941.8 min

83.7

1025.5

hub on first sea wall

1898

Back line of Lots

60	436.5
39.7	24.7
117.7	461.2

95

Sat Sept 28-1957

Ed + I to Sac 4 - 140-31 from
 right on E $\frac{1}{4}$ line in $\frac{1}{2}$ of road 436.5 S
 of the center NE $\frac{1}{4}$ of sec 4 - chain S 24.7 to
 461.2 but on stake line + W $\frac{1}{4}$ South
 side of road.

Turn 461.2 S on E $\frac{1}{4}$ line

BS N. $1^{\circ}05'E$ on $\frac{1}{4}$ line + run in
 Gov't Lot 6 - viz

N $53^{\circ}38'E$ 81.8 run S $57^{\circ}01'W$ 91.70

N $63^{\circ}19'E$ 117.7

N $63^{\circ}51'E$ 105.85 + 15' to sup.

In Gov't Lot 5

Turn to 1 BS N $57^{\circ}01'E$ + run

S $41^{\circ}50'W$ 141.8 L

N $77^{\circ}50'W$ 157.3

N $55^{\circ}52'W$ 106.25 L

N $16^{\circ}05'W$ 136.6

N $35^{\circ}42'W$ 41.1

N $70^{\circ}51'W$ 37.55

N $88^{\circ}18'W$ 63.25

S $70^{\circ}10'W$ @ 62.35 split in $\frac{1}{2}$ driveway + 151.8 split
 in $\frac{1}{2}$ driveway + 24.25 AP
 = 238.4

S $60^{\circ}18'W$ 272.8

S $64^{\circ}09'W$ 100.1 qd for right

96 242

210
24
96

Sept 29- 1957

Ed + I to Sec 4-140-31

Town spike on stake line along Street
BS, N 64° 09' E + run Viz.

• S 58° 14' W @ 99.3 yds in line with
 99.3
 46.85
 146.15
 E road Northerly
 + 46.85 A.P.

S 42° 40' W 207.6 A.P. @ 145.2 intersect
 N + S E

S 31° 45' W 96.1

S 20° 35' W 209.7

S 0° 22' E 121.8

S 12° 41' E 108.15 end of road SE cor

N E cor bears 90° Westerly

436.5-
 117.3
 559.8
 75.35-
 629.15
 30.3
 659.45-

60.2
40
12.1
117.3

108.7 20.1
-3

97

Oct 2nd 1957

I & Walker drive to Sec 4-140-31
N side Ten Mile Lake arrive at 10-30⁺
find John Collins + Albert Thomas
cutting shore line - they started at 9.
we cut shore line until noon
P.M.

drive to E 1/4 Town hut on bank BS
N 1°05' E and set hut on seawall

John + I from pin on top chain N 17.1 hut
+ 40 + 60.2 = 117.3 + ~~745.8~~ 4365

117.3 ~~553.8~~ 553.8
75.35 ~~75.35~~ 75.35

988 water

629.15 hut under T
629.15 ~~938.45~~ 938.45 hut under T
65.945 ~~30.3~~ 30.3
659.15 ~~968.75~~ 968.75 hut on seawall MC

T to Hove 938.45 S ran S 46°57' W

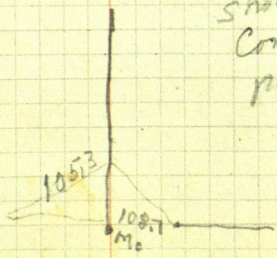
on seawall 20 from brink 20 water S
N 75°12' E 50 + 46.5 = 96.5

Town 96.5 BS S 75°12' W MC bears S 59°44' W - 1087

ran N 65°26' E 144.7 to the C Brink + 10 water

Town 144.7 BS S 65°26' W the shore line seawall
runs N 77°21' E

shore line
continued E
page 101



98

3925 (24.38)

Tower to BS N $46^{\circ}57'E$ Brink 3+7.2MC bears N $61^{\circ}22'E$ 87.9run S $72^{\circ}W$ 68.8 Brink 6+10 waterTower 68.8 BS N $72^{\circ}E$ runS $67^{\circ}43'W$ 80.5 Brink 1'S. + 5' waterTower 80.5 BS N $67^{\circ}43'E$ + runN $89^{\circ}13'W$ 89.7-8. = 81.7 Brink 2+5 WTower 81.7 BS S $89^{\circ}13'E$ + run→ N $64^{\circ}56'W$ 91.35 B Brink 5 water 5Tower 91.35 BS S $64^{\circ}56'E$ run→ N $43^{\circ}41'W$ 115.65 Brink 6 + 1 waterTower 115.65 BS S $43^{\circ}41'E$ run→ N $40^{\circ}34'W$ 73.45 Brink 6 + 6 WTower 73.45 BS S $40^{\circ}34'E$ runN $71^{\circ}54'W$ 69.15 Top of seawall Water 10Tower 69.15 BS S $71^{\circ}54'E$

Take building

NE cor N $25^{\circ}09'W$ 80.6-3-77.6SE cor N $31^{\circ}47'W$ 54.6 24X36SW cor N $58^{\circ}02'W$ 75.9run S $85^{\circ}28'W$ 113.55 Water 15 STower 113.55 BS N $85^{\circ}28'E$

Take cabin

Cabin 38 NE cor N $25^{\circ}45'W$ 59.8SE cor N $32^{\circ}49'W$ 34.25SW N $70^{\circ}10'W$ 60.10

Ts/that 113.55 run. ^{water 15'}
 S 69° 41' W 128.05 ^{quite for Night} 5-30

Oct 3 - 1957

I have to go to Court house Copy US plat
 Sec. 23 - 142 - 28 people come in I tell
 them \$150 to \$200 for the work they will
 let me know later. Man who bought
 Gerry Hall's old place comes wants to find
 his line in Parkside add.

drive home eat eggs drive to Sec. 4
 140-31. arrive 11-30

John + Albert working started 9.

town 128.05 BS N 69° 41' E run

S 62° 32' W 130.95 ^{water 15'}

Town 130.95 BS N 62° 32' E run

S 56° 35' W 120.5 - 7 = 113.5 ^{water 15'}

Town 113.5 BS N 56° 35' E run

S 50° 16' W 219.6 - 2 = 217.6 ^{water 15'}

Town 217.6 BS N 50° 16' E run

S 46° 29' W 179.55 - 5 = 174.55

Town 174.55 BS N 46° 29' E run ^{water 25'}

S 31° 04' W 66.6 intersect N + S & cut 1/2 sec.

S 29° 53' W 113.00 ^{water 20'}

Town 113 - BS N 29° 53' E run ^{water 15'}

S 14° 22' W 129.5 - 6 = 123.5 ^{water 15'}

Town 123.5 BS N 14° 22' E run

S 3° 08' E 150.6 - 6 = 144.6 Brink 7 ^{water 2'}

100

139.45

79.8

217

Tower 144.6 BS N 3°08' W run
 S 15°47' E 76.8 brink L - water + 4
 From 30 to 60 water 3'

Tower 76.8 BS N 15°47' W run
 S 42°38' E 120.6 - 6 = 114.6 shore 10'

Tower 114.6 BS N 42°38' W run
 Shore line of Point E 50' water @ 40 (106)
 S 60°45' 55±
 S 24°W 50±

run S 30°15' W 44.3 - W 12 ahead
 brink run N 80°E 45±
 run N 75°07' W 89.6 brink 3 + 3 water
 @ 40 water 12 L

Tower 89.6 BS S 75°07' E run
 N 59°31' W 99.0 @ 60 Lake 15 brink 6

Tower 99 - 1' from brink 10 from water BS S 59°31' E
 run N 45°13' W 132.45 on brink water 9

Tower 132.45 BS S 45°13' E run
 N 38°14' W 140.65 - 6 = 134.65 brink 3 + 10 water

Tower 134.65 BS S 38°14' E run
 N 31°44' W 98.3 W. 12

Tower 98.3 BS S 31°44' E run
 N 50°14' W, @ 40 Lake 10 L swp. 10 R
 at 229.65 - Lake 10 L swp 10 R

Continued
 Page 104

Oct 4th 1957

I to Walter early drive to Sec. 4-140-31
talk to Al Wood he wants it all plotted
in lot 4.

I start cutting brush around swamp from
E end of road John & Albert arrive about
10-30 we work until 12-30 eat.

Stake line in Gov't Lot 6 see page 95
Says run N 65° 51' E 105.85 - 15 ft from swamp.

Turn 105.85 BS S 65° 51' W + run

Turn 144.7 BS S 65° 26' W run

34772.16 N 76° 58' E 191.2 on sawmill 20 from water

Turn 191.2 BS S 76° 58' W run

S 84° 31' E 100.3 - water 20 @ 50' water 10

Turn 100.3 BS N 84° 31' W run

S 71° 22' E 99.3 water 12'

Turn 99.3 BS N 71° 22' W run

S 84° 35' E 66.15 water 12

Turn 66.15 BS N 84° 35' W run

N 74° 08' E 124.1 water 10 - @ 50 water 30

Turn 124.1 BS S 74° 08' W run

N 58° 58' 08" E 92.7 water 12 @ 75 water 20

Turn 92.7 BS S 58° 08' W run

N 46° 26' E 121.0 water 10

4 hours for John & Albert

show line E

Continued on page 103-104

Thurs. Oct. 10 1957

over 110 ft
 stop late get supplies & lunch
 pick up John Callano drive to Sec 4
 Tower but on back stake line see page 95
 N 65° 51' E 105.85 + 13" sup

sup. Tower 105.85 BS S 65° 51' W & run

S 69° 52' E 112.3 @ 80 sup @ 100 L.V.

Tower 112.3 BS N 69° 52' W run

Take stada of sup.

75 S 41° W

95 S 64° W

215 S 50° W

105 S 22° 30' E

55 S 37° E

30 S 23° W

run N 44° 33' E 98.4

Tower 98.4 BS S 44° 33' W run

N 76° 25' E 83.4

Tower 83.4 BS S 76° 25' W run

S 83° 14' E 64.7 - sup 10 ft W

Tower 64.7 BS N 83° 14' W run

S 35° 59' E 140.45

Tower 140.45 BS N 35° 59' W run

stada of sup. 70 S 8° W

30 S 83° 30' W 30 S 20° E

65 S 57° W 560° E 30'

90 S 24° W

run N $68^{\circ}22'E$ along edge of ramp 70.45

Tower 70.45 BS S $68^{\circ}22'W$ run

State of arm of ramp

To S $72^{\circ}30'E$

To N $57^{\circ}E$

run N $52^{\circ}04'E$ 119.7

Tower 119.7 BS S $52^{\circ}04'W$ run

S $68^{\circ}40'E$ 113.2

@ 90 cent ramp sap 1500 ft

Tower 113.2 BS N $68^{\circ}40'W$ run

S $20^{\circ}49'E$ 57.2

Tower 57.2 BS N $20^{\circ}49'W$ run

Sap extends west from T about 50 ft
about 40 ft wide N & S about 15 ft N of stake
line along seawall westerly from T

PM

Tower hut 60' spike on seawall see page 101

Tower 92.7 BS S $58^{\circ}08'W$ run N $46^{\circ}26'E$ 26.00

Tower 121 BS S $46^{\circ}26'W$ + run

Take State of N + E side of ramp

345 N $15^{\circ}W$

280 - N $17^{\circ}E$

280 N $32^{\circ}E$

265 N $57^{\circ}E$

3 hr for John

Friday Oct 11-1957

Albert & John arrive @ 9 cut
out shore line Gov't lot 6

I arrive at 10⁰⁰

Tower 121 BSS 46°26'W and run
N 58°13'E 106. - 12 water 6 sup
@ 50 W.L. R.

Tower 106 BSS 58°13'W run
N 72°34'E 158.0 W 15R ^{12 gun water} _{Co of sup 10 L}

Tower 158 BSS 72°34'W run
N 80°55'E 85.6 Water 10 R

Tower 85.6 BSS 80°55'W run
N 59°58'E 78 To spike on section
bet Sec 3-4

PM

We go to where we left off shore line
in Gov't Lot 4 Sec 4 see page 100.

Tower 98.3 BSS 31°44'E and run N 50°14'W
229.65⁺ ^{Co of sup 10 R} _{Co of sup 10 R} ^{10 L} _{10 L}

Tower 229.65 BSS 50°14'E run

— N 30°24'W 153.1 W 12 L Co of sup 10 R

Tower 153.1 BSS 30°24'E run

N 37°21'W 90.65 water 4L 510R at 50
Lake 10 L

Tower 90.65 BSS 37°21'E run

N 14°52'W 80.6 water 12 L sup 3 R

enter sups to Seavall

Row 80.6 BSS 140°52'W run

N 90°44'E 99.5 water 5' L @ 90 L_u mps

Row 99.3 BSS 90°44'W run

See well runs S 29°30'E ---

Run N 12°16' W 117.05 - W. 6 L ^{Contd. sup} 10 R.
@ 60 Lake 10 L

Row 117.05 BSS 12°16'E albeit goes
get stada rod and will go to S 1/2 line
leg at hut on seawall on S 1/2 line and
take stada of shore on sup. from 117.05

N 54°15'W ±

630 - N 57°W

Can not see

Go to hut on seawall on N 1/2 line

BSS N 89°17'E Run

Sat Oct 12 - 1967

Don - Ed & I to Ten Mile Lake finish
cutting line around sup.

Row 117.05 BSS 12°16'E run around
sup. this line extended 100 ft water
40 R. @ 200 water 30 R ±

run N 78°47'E 91.6 sup 10 L

Row 91.6 BSS 78°47'W run

N 84°57'E 76.6 at sup @ 30 mps 15 L

Row 76.6 BSS 84°57'W run

N 74°50'E 108.25 edge of sup

Row 108.25 BSS 74°50'W run

N 22°03'E 79.3

#

Tower 79.3 BSS 22°03' E run

N 6°14' W 123.85

Tower 123.85 BSS 6°14' E run

N 43°18' W 84.5

Tower 84.5 BSS 43°18' E run

S 33° W 125.86

Tower 125.85 BSS N 33° E run

N 77°49' W 67.4

Tower 67.4 BSS 77°49' E run

N 53°55' W 112.8 Lk 75 L seawall ^{low} 21

Tower 112.8 BSS 53°55' E run

N 40°18' W 106.8 - Seawall 8 L sup shore water 40

Tower 106.8 BSS 40°18' E run

N 58°56' W 79.45, on 2nd seawall to 1st to seawall ^{sup} 30 water

Tower 79.45 BSS 58°56' E run

N 79°10' W 189.7 water 15 L end of sup shore

Tower 189.7 BSS 79°10' E run

S 78°58' W 169.8 - 1678 water 3 ft

Tower 167.8 BSS N 78°58' E run

N 74°38' W 58.9 water 8 L

Tower 58.9 BSS 74°38' E run

N 62°42' W 96.6 water 7

Tower 96.6 BSS 62°42' E run

N 68°27' W 92.3 to line

Oct 13 - Sunday Don Ed + I to
see if ran out rays

Tower 98.3 see page 100 - #104

Site N 50° 14' W on 229.65 and run

N 29° 11' E 104.6 ^{0.11} @ 80 Sup 10 L - 1

Tower 104.6 BSS 29° 11' W run

N 24° 50' E 152.15 up 10 R

Tower 152.15 BSS 24° 50' W run Sup run about
10 ft R along the line

N 27° 40' E 131.4 edge of ramp

Tower 131.4 BSS 27° 40' W run

N 6° 43' W 104.6 edge of ramp

Tower 104.6 BSS 6° 43' E run

N 40° 30' W 74.85 edge of ramp

Tower 74.85 BSS 40° 30' E run

N 72° 01' W 104.45 at edge of ramp

Tower 104.45 BSS 72° 01' E run

S 88° 29' W 78.2 edge of ramp

Tower 78.2 BSS N 88° 29' E run

S 75° 37' W 82.4 edge of ramp

Tower 82.4 BSS N 75° 37' W run

S 62° 31' W 142.45 on seawall edge of ramp

Tower 142.45 BSS N 62° 31' E run

N 29° 36' W 85.85 to site on above line

Note this seawall extends SW into ramp 20' ±

Move to hub on seawall

Sta 153.1 page 104. Cor of ramp

Tower 153.1 S. 1/4 N 37° 21' W & run

N 58° 14' E 148.85 edge of ramp

Tower 148.85 run

run S 16° 04' E 99.8

Tower 99.8 BSS N 16° 04' W run S 2° 58' W 75.7

S 21° 57' S 61° 57' W 82.9 1. At 229.65

Oct 23rd Wed. 1957

last night I took the work plat to AL. Woodke
 To day I was to meet him on the job at 12-30
 I drive to Sec 4 - & wait 1½ hours AL does not
 show up I drive around Lake to Woodke Res.
 AL is not home I drive to where he is
 working we drive to AL's place where he leaves
 his truck get in with me we drive to Sec 4
 look over locations of lot lines

I agree to plat Lot 6 along with 4-5
 for \$150 more I do not have to stake out
 100 ft lot in Sect Lot 4. The first Lots
 100 ft.

431.4 -

585.5

1153.3

Lot 1 = 170

785.5

" 2 100.

367.8

" 3 100.5

" 4 115.00

431.4

" 5 100.00

367.8

" 6 200.50

63.6

785.50

Nov 7-

I & Walker drive to Thomas
pick up John Albert will come
later. drive to Sec 4 arrive 10-30

Turn right on edge of road on N $\frac{1}{4}$ line
S. to S $89^{\circ}17'W$ along N $\frac{1}{4}$ line run
S $89^{\circ}17'W$ 10 ft to E road.

Turn 90 set spike 30 ft.

Turn right in E road S. to S $89^{\circ}17'W$
Var at 00° Turn 90 run 33 ft set spike
on R of W line

angle of road with N $\frac{1}{4}$ line S W angle
 $122^{\circ}37'$ - or S $33^{\circ}20'E$

Move N W on $\frac{1}{4}$ line

From hub 431.4 W of road on N $\frac{1}{4}$ line
Chain E 636

At still at 431.4 take stake of map
S. to S $89^{\circ}17'W$

150 S $78^{\circ}W$ 120 S $61^{\circ}30'W$

110 S $46^{\circ}30'W$ 110 S $25^{\circ}W$

W $\frac{1}{4}$ line

80 S $22^{\circ}30'W$ 70 S $55^{\circ}W$ 90 S $88^{\circ}W$

From 636 E of hub 431.4 Turn 90 run
S 30 ft set spike

North 30 lot corner take shot lots 67

Bears S $57^{\circ}16'W$

π still at 30 run N $89^{\circ}17'E$ parallel
to N Vic line 30 ft South @ 223.1
but on ridge

Swp's Stada

Tower Sta 2 W of $\frac{1}{4}$ line S. side of street BSN $57^{\circ}01'W$

Take swp stada N $12^{\circ}40'E$ 210 N $18^{\circ}E$ 140 N $7^{\circ}E$ 90

N $30^{\circ}20'W$ 60 N $60^{\circ}W$ 140 N $62^{\circ}W$ 220 N $54^{\circ}W$ 260

N $45^{\circ}W$ 350. N $36^{\circ}W$ 410.

Tower Sta 9, BSN $70^{\circ}10'E$ Take swp

N $32^{\circ}10'E$ 130 N $41^{\circ}30'E$ 110 N $44^{\circ}E$ 90 N $13^{\circ}E$ 33

N $31^{\circ}30'W$ 70

Tower Sta 11 BSN $64^{\circ}09'E$ Take swp

N $10^{\circ}40'W$ 80 N $14^{\circ}W$ 40 N $82^{\circ}30'W$ 60 N $60^{\circ}15'W$ 95

Ed & I to Lots 4-5-6 Sec 4-140-31

Tower A.P. Southeasterly side of Street
 32.5 ft Southwly from NW cor lot 15-
 take angle of street line and set A.P. of street
 on West side of 30 ft street from said pt
 Chain S $12^{\circ}41'E$ along W side of Street 119.5
 ft to A.P. at 100 set spike & stake for S ~~4~~ cor
 lot 12. at 00 = NE cor of lot 12 move N
 to A.P. of road turn angle and set 60 ft spike
 to stake at NE cor lot 11 A.P. of road 131.12
 ft along Easterly side of lot 11
 move Northwly to Next A.P. take angle
 and set 60 ft spike for Northwly or NE cor
 lot 10 distance along E side lot 10 is 218.72
 move to Next A.P. take angle set 60 ft spike to stake
 66 ft for A.P. of road N side
 move to Next A.P. & set spike & stake for N side
 of street 66 ft move to Next A.P. do the same
 point comes in small swamp.

we establish \odot of Road and set spikes
 N Westerly along \odot of said road
 Tower first spike Turn 90° and set spikes
 E & W of \odot 33 ft each way
 from said side lines of road we intersect
 them with Street lines
 from A.P. of street to corner of road N $58^{\circ}74'E$

112

$\begin{array}{r} 70 \\ 70 \\ 70 \\ \hline 2100 \\ 15 \\ \hline 225.0 \end{array}$

225

22.3 ft. to intersection of said road & street
lot cor. + 66.1 to intersection of Northwly
side of Road with N side of street
from hub in E road where we turned 90°
lot cor of lot 9 is S 25.20 ft.

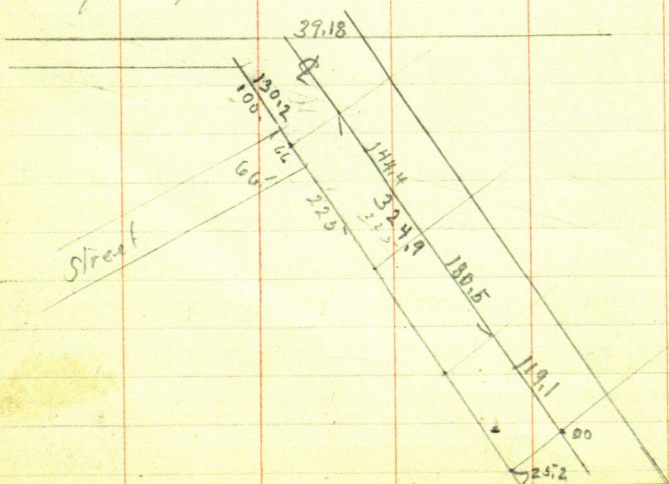
from said hut in Φ chain NWely along
 Φ . 191.1 to spike in Φ road Turn 90° at
 spikes 33 ft each way R of W.

$$191.1 + 180.5 = 371.6 \text{ spits in } \Phi$$

Turn 90° at spike westerly 33 ft. Rof. w.

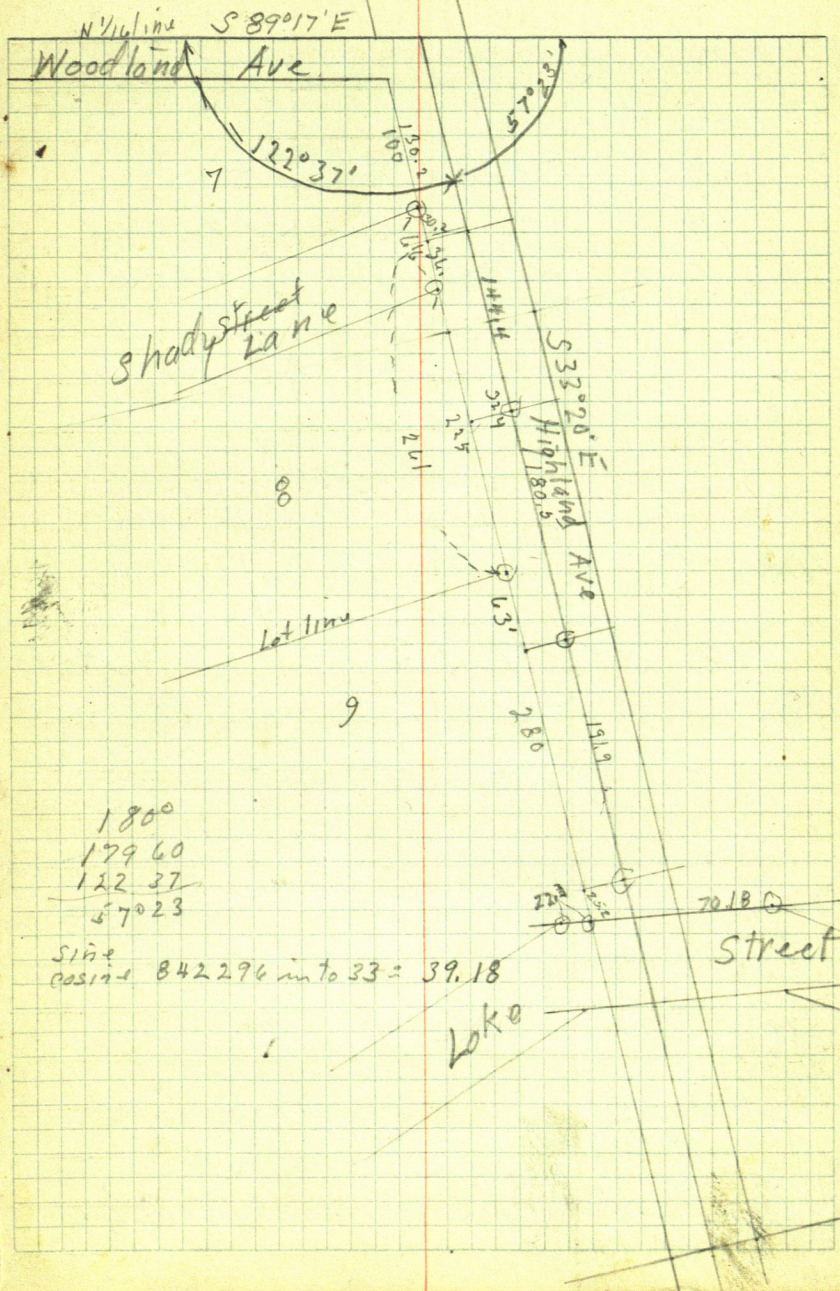
$\frac{1941}{3249} = 5/60$ spike in Φ turn 90° at spike
W or Ref W.

from 516.0 intersection of street & road
near N line of Goat lot 4 is 130.2. It
along R of W line



Plat of North West Shores Ten Mile Lake

113



Sat Dec 4-1967

Don Ed. Billie & I to

see H.

get one corner street run

38 ft S of hub = 5th cor

street work to on line

being N line lot 8

set hub on trans line around

sweep on N line lot 8 S line

street chain from T 169.65 to

hub edge of sweep 94.5 to road

R/W.

346

428

774

bet lots 12-13 distance 34.6 + 428

" " 11-12 " 35.4 + 85.3

35.4
85.3
120.735.4
85.3
120.7

March 27 - 1938

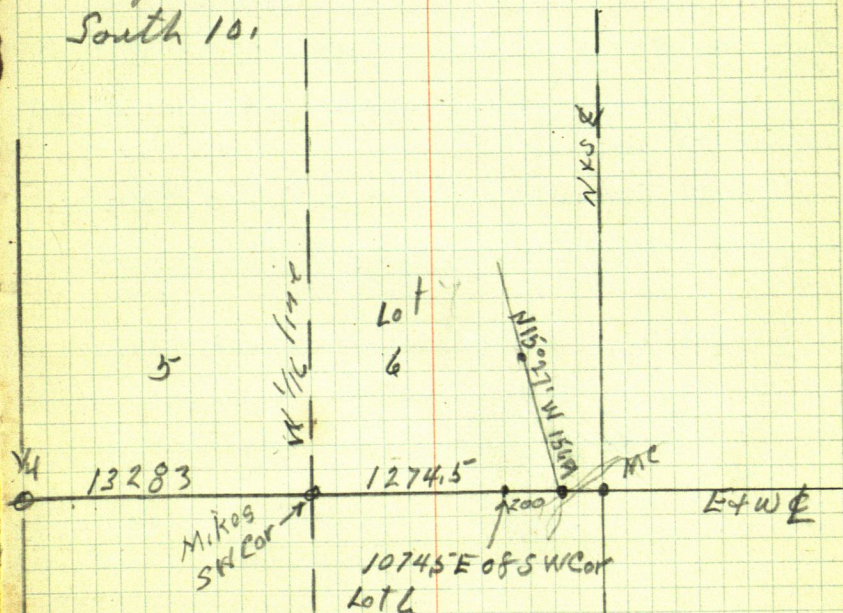
117

Mike Harrington

Calls John & I go with him to Stony
Lake

Town point on E & W of Sect 4 site
200 ft W of M.C. Site E & run N
15° 27' W 156.9 Tover 156.9 run
North 190 ft & South 10

Still at 156.9 Turn 90° & run West
100 ft Tover 100 run North 190 &
South 10.

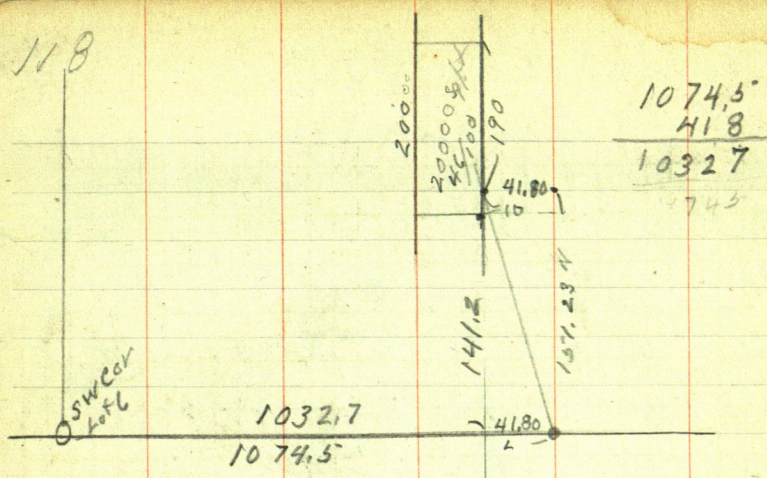


N 15° 27' W 156.9

Sine $266397 \times 156.9 = 41,801.1$ W

Cosine $963863 \times 156.9 = 151,231.1$ N

118

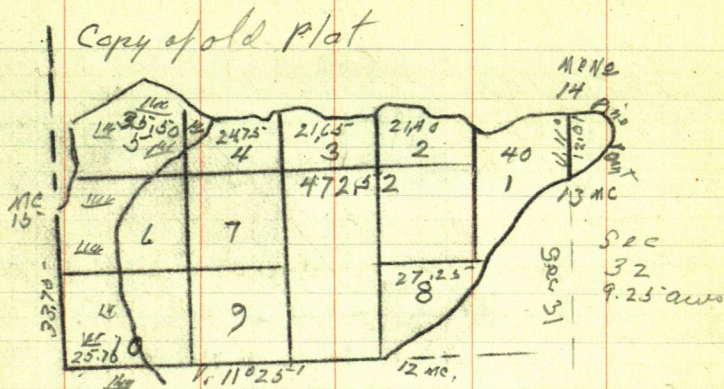


A tract or parcel of land situated in Gov't lot 6 Sec 4 Twp 140 N Rge 30 W of the 5th PM. Cass County Minn described as follows beg. at an I.M. placed at a point 1032.70 ft E and 141.2 North from the Southwest corner of said lot 6 and running thence North 200 ft thence West @ 90° 100 ft thence S 200 thence E 100 to the place of beg.

The 1/5 line of said lot 6 is considered true E & W for containing 46/100 of an acre as near as may be together with an easement for ingress & egress over present traveled roads.

Subject to mineral Rights & reservations if any of Record.

120 Sec 31-143-30



Get Tel. call from Mrs Harry Simons
want survey tell her I will be out some
time to-day June 18th 1958. Ed fixes
his old Nash car + drives it to Pine
River Bert + I follow and trade it off
for a 1952 DeSota Club coupe. he takes
it and heads for home. Bert + I drive
onto Jenkins to see Mrs Kemper
about survey her son wants done.
Get back to Walker in time for Bert
to get ready for work.

I go to Office Get another
call from Mrs. Simons tell her I
will be out in the morning as soon as
I check records.

Copy plat of Sec 31 shown above from
old survey plat.

Lot 3 Sec 31-143-30

121

Simon Resort

June 19th 1958

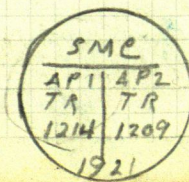
Go to Office + Copy Re-Survey
Plat of Sec 31-143-30

Description

All that portion of Lot 3 except the
West 50 feet of the E 200 feet of Sec. 31 Twp 143
Rge 30. Which lies West of a line drawn
parallel to the West boundary line of said lot 3
and 50 feet easterly from Cabin N^o 15 of Pine
Point Resort located on said premises
subject to mineral reservations + flowage rights
of record + also subject to any easements
for roads electric or telephone lines within
90 days after the execution of this Contract
A Survey will be made and a survey
description prepared to cover the above
property which description shall be
attached to all copies of this Contract
and become a part thereof

Copied June 19th 1958 at
Harry Simons cabin at said Resort.
Don + I drive to Pine Point Resort
raining Mrs Simons shows me
US I.M. between AP. 1 + AP 2 - Tr 1214
on West side + TR-1209 on E side

Lot 2. of Sec 31
is Plat of fairwood

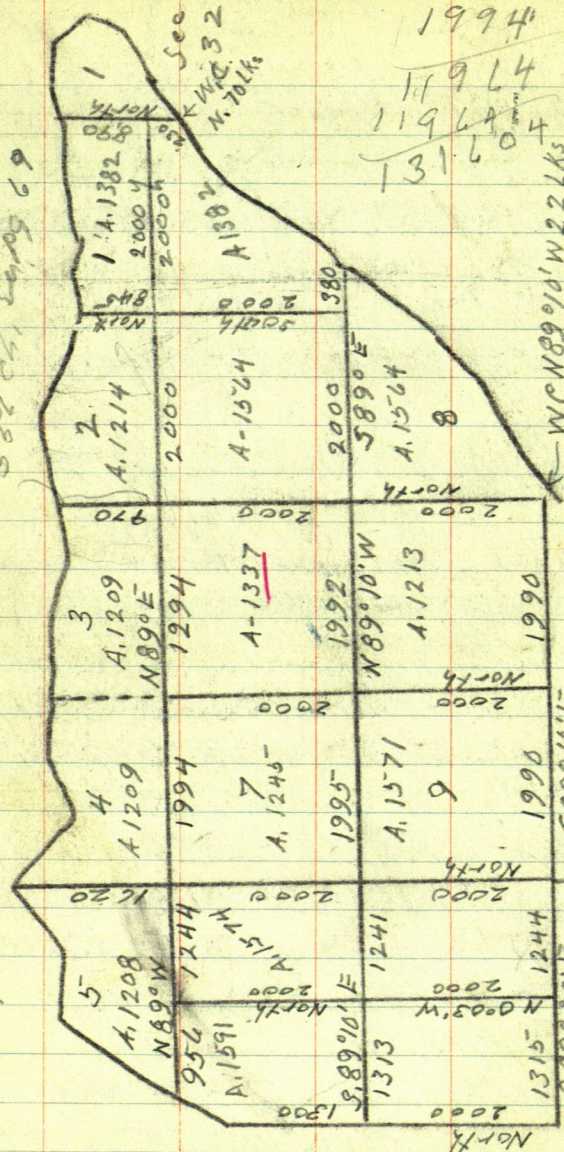


IM found
near
W line Lot
3

Sec 31-143-30

Copied from Re-survey Plat

56% ch. Engr 69



552
1994
11964
11964
131604
5820
582
14020

WC N89°10'W 22.2L5

589°10'E

Sec 1

Apr 30

R 31-142

H.C Funder part of fairwood

16 366
2 396
3 396

1994
11964
11964
131604
3.96
132000

970

Pine Point

2246 123

5520

Sunday 22. 1958

Don left last night to work at Resort
Ed & I to Pine Point

We find the SW corner - U.S. Brass Cap
Mon. has been plowed out. I pushed
up.

We find the spike hubs N along N & S & Sec 31
one at 70 ft N of SW cor Lot 3 & one at 470
also 550.

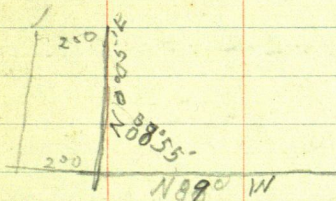
Meet H.C. Funder who bought 25 ft from
Ashenbrenner and has the next 2 lots E of
plat of Fairwood. Wants his lines checked
I tell him \$45 per day.

Tower hub 70 ft N of SW cor Lot 3 BSN
on hub at 470. Turn S. at 70 ft we put
a spike where corner was. 4 years ago
at pt. 40 ft N of SW cor Lot 3 set 60° spike hub
on N side of road.

Tower hub 40 ft N. BSN on flag at hub 470
Turn L 90° & run West @ 150 set a 60° spike
@ 200 set a 60° spike. @ 300 pm @ 600 pm & 2246 =
8246 hub on top

Tower 200 sit. W on flag at hub 8246 Turn
90° run N parallel to E line lot 3 and
200 ft west. of said E line

as the S line of Lot 3 is E + W $\frac{1}{2}$ and according to US plat runs $N 89^{\circ} E$ and the W line of Lot 2 runs North in my survey Oct 1934 I found the N + S $\frac{1}{2}$ ran $N 0^{\circ} 05' E$



$$\begin{array}{r} 39.90 \\ 40.00 \\ \hline 3.49 \\ 36.51 \end{array}$$

$$N 89^{\circ} W - 200' = 10'$$

$$\text{Sine } 017452 \times 200.05 = 3.49$$

$$\text{Cosine } 999848 \text{ into } 200 = 200.05$$

as my hub on N + S $\frac{1}{2}$ is 40 ft N of I.M. and as the line I am running is turned W 90° to said $\frac{1}{2}$ & on a 40 ft N offset the E + W $\frac{1}{2}$ running $N 89^{\circ} W$ would bring the E + W $\frac{1}{2}$ N. 3.49' in 200 feet so my hub 200 W is now $40 - 3.49 = 36.51$ N of E + W.

Center line Sec 31

at 1316.04 the distance to SW cor lot 3 along the E + W $\frac{1}{2}$ along my line W the distance would be

$$\text{Sine } 017452 \times 1316.04 = 22.97$$

$$\text{Cosine } 999848 \times 1316.04 = 1315.84$$

June 25th 1958

Ed + I to Pine Point

Continue the West line of the
East 200 feet of Gov't Lot 3 Sec. 31
Twp 143 Rge 30

From spike in N edge of road 200
feet W of E line of Gov't Lot 3
said spike being set 90° to said
E line from a pt 40 ft N of SE cor of
said lot 3.

We chain N. @ 22.8 hut 60° spike 1.3 ft W
of a 14" Birch tree @ 162.0 hut 60° spike
@ $322.8 \text{ m} + 10.6 = 333.4$ hut 60° spike
on top @ 362.2 hut 60° spike @ 512.3 spike
in 5" ash stump + 62.0 = 574.3 hut
60° spike near path + 32.1 = 606.4 hut
60° spike on seawall 18 ft S of water

From 574.3 site North + run N 85° 45' W
470.15 ft to a 60° spike hut, "Sta A"

From 470.15 site S 85° 45' E and
take location of Cabin No 15 Pine
Point Resort.

Note the course N 85° 45' W without
at the NW cor of said Cabin

Cabin No. 15
SE cor. bears S 68° 12' W 43.9'
NE cor. " N 85° 45' W 35.3
NW cor. " N 81° 30' W 53.2

fig. from a line parallel to the
E line of lot 3 and 200 ft. West of E. line
and 610.50 ft N of S. line of lot 3

$$\text{Run } N 85^{\circ} 45' W \ 462.15 = 4^{\circ} 15'$$

$$\text{Sine } 074108 \times 462.15 = 34.25 \text{ N}$$

$$\text{Cosine } 997250 \times 462.15 = 460.88 \text{ E}$$

Note as NE cor of cabin 15' is on this same
line extended 35.3'

$$\text{Cosine } 997250 \times 497.45 = 496.08$$

$$\text{Sine } 074108 \times 497.45 = 36.87$$

from hub 462.15' N $85^{\circ} 45' W$ from
line 200 ft W & parallel to E line Lot 3

Cabin No 15 sets

$$\text{SE cor } 568' 12' W \ 43.9$$

$$\text{NE cor } N 85^{\circ} 45' W \ 35.3 = 35.2 \text{ NE cor}$$

$$\text{NW cor. } N 81^{\circ} 30' W \ 53.2$$

$$568' 12' W \ 43.9 = 21^{\circ} 48'$$

$$\text{Sine } 371368$$

$$\text{Cosine } 928486 \times 43.9 = 40.76$$

$$N 81^{\circ} 30' W \ 53.2 = 8^{\circ} 30'$$

$$\text{Sine } 147809$$

$$\text{Cosine } 989016 \times 53.2 = 52.62$$

Hub 462.15 $N 85^{\circ} 45' W$ called Sta A
and is $460.88' W + 200' W = 660.88' W$
of East line

The NW cor Cabin set W of Sta A 52.62

The NE cor Cabin set W of Sta A 35.2

The SE cor Cabin sets W of Sta A 40.76

So the NE cor of Cabin No 15 is further
E than the other corners

We want a point 50 ft E of E side cabin

Sta A is 35.2 E $50. ft - 35.2 = 14.8$

We want to get back East from Sta A
14.8 ft.

$$14.8 \div 997260 = 14.84$$

Checking

from Cabin to Sta A is 35.3 along line
+ 14.84

$$997260 \times 50.14 = 50.00 \text{ ft OK}$$

from Sta A we chain $S 85^{\circ} 45' E 14.84$
to a point 50 feet E of cabin

this will leave a strip of land

so the description should read

Lot 3 except the East 646.08 ft
of said lot 3

π

128

To get the line 50 ft E of
Cabin No 15

set Tower Sta A" run $S 85^{\circ} 45' E$
14.84 ft to 446.08 West of line

Tower 446.08 site $S 85^{\circ} 45' E$
and run N to lake & S to S line Lot 3

NE cor of Cabin No 15 is 496.08
ft West of the E 200 ft line - 50.00
446.08

So the line 50 ft E of NW cor of Cabin
No 15 is 446.08 ft West of E line of
Gov't lot 3 Sec. 31 - 143-30

Time Sheet

Working for Harry Simon - Sec 31 - 143-30

	19	20	21	22	23	24	25	26	July	10	11	12	13	14	15	1933
June																
Harold Caro	1			1			1			1	1					
Don, Caro	1															
Ed Caro				1			1			1	1					
Cor.				1			1			1	1					

July 10th 1958

Ed - John + I to Pine Point

Tower ~~Sta~~ A page 127 site

S $85^{\circ}45'$ E and chain 14.84 set

60° spike Tower 60° spike Site S $85^{\circ}45'$

on flag + run N 25.1 to pt for IM

on sea wall 25' from water Ed drive IM

on sea wall also on at 200 ft

line we cut out this line

being the East line of Tract

being sold with Resort to the

road do not chain

We find the 150 + 200 ft

spike along the road dragged

out Tower 60° spike in road

90° from E line Govt lot 3 site

E on flag a 60° spike in road

on E line 40 ft N of SE cor

lot 3.

hub under T is 824.6 W of

E line 90° to E line from pt. 40' N

of SE cor.

US notes say lot 3 is 199.4 links

along S line = 1316.04 feet

we have to go 491.44 ft west

202.0

$$\begin{array}{r} 291.44 \\ 1.7 \\ \hline 293.14 \end{array}$$

ASP

552

1994

6

119.64

119.64

1316.04

824.6

491.44

from hub 824.6 under

K.

From hub 824.6 Chmn

W 291.44 + 1.7 = 293.14

824.6

1117.74

at 1117.74 hub

Tower 1117.74 USIM Brass Capped Mon
 bears L 5°00' - 202 ft.

fig

W 5° S 202

Sine 087159 X 202 = 17.61

Cosine 996195 X 202 = 201.23

824.6

179.1

645.5

1117.74

201.23

1318.97

distance across lot 3. my ch

40.00

17.61

22.39

.016976268 = 0°58'

1318.97 / 22.39.00

hub at intersection of E line

of Resort and our line 90° to

E line lot 3 is 645.5' W of E line

017733543

X 645.5'

11.45'

40

1145'

28.55'

40' car

17.61

1318.97

176.1

from intersection put in road the S 1 mi
 lat 3 is 28.55 S.

fig

470.15

1484

455.31

W line of E 200' at 574.3 run N

85°45' W 455.31 = pt 60 ft E of Cabin 15

Sine 074108 × 455.31 = 33.74 N

Cosine 997250 × 455.31

574.3

33.74

25-1

633.15 from road

22.39

655.54

July 11-1958

Ed + I to Pine Point

Tower NW $\frac{1}{4}$ on E W $\frac{1}{2}$ being SW cor
Gov't Lot 3 Sec 31-143-30

Site N 85° E on Random hub +
 run North @ 300 min + 41.0 = 341.0 hub
 + 71.8 = 412.8 hub + 40 + 90 + 190 + 40.6 =
 = 773.4 hub on manual 30 to water

at 773 USIM sets E 4.1

$$.00530401 = 0^{\circ}18\frac{1}{2}' \pm$$

$$773 \sqrt{4.100}$$

hub 341. N goes E 1.81

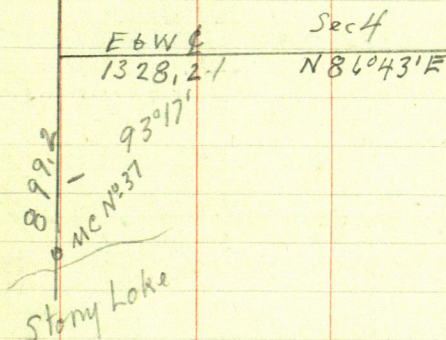
" 412.8 N " E 2.19
 0°18'

Sine 806382 X 663.54 = 3.53

Cosine 9999253 X 663.54 =

#34

Sec 4-140-30



Oct 27-1958

Ed + I drive to Stony Lake
 Over IMMC No 37 site North
 along old line + run $N53^{\circ}02'E$ 205.2
 to Sta 1

Over 205.20 Sta 1 BSS $53^{\circ}02'W$
 + run $N63^{\circ}08'E$ 192.4 to Sta 2
 as it is getting dark we go home

Oct 29 1958

Billie + I to Stony Lake
 Over Sta 2 BSS $63^{\circ}08'W$ + run
 $S41^{\circ}57'E$ 564.6 to Sta 3

Tower 564.6 Sta 3 BS N $41^{\circ}57'W$ and run
S. $9^{\circ}45'E$ 446.2 Sta 4 NE Cor of
tract

Tower 446.2 Sta 4 BS N $9^{\circ}45'W$ and
run South to Stoney Lake

Still at Sta 4 run S $69^{\circ}44'W$ 79.95
set pt for NW Cor of 75 foot strip

Tower NW Cor Tract BS N $69^{\circ}44'E$
and run South 161.7 to SW cor of said
tract 45 ft from water

Tower SW corner site North on flag at
NW Cor The SE cor bears S $37^{\circ}39'E$
124.9 to pt 45 ft N of water

136

Blue Bay

196

I

June 24th 1961

John & I start for work pass
Don Bethal on the Street of Walker
he asks John where he is going
John said to work Don said I
am going with you and ran to
the pickup we stop at Court House
for this Book and then on to Blue-
Bay Resort

who owned Blue-Bay
has sold it but is keeping most
of the Gov't lot. he shows me what
he wants we go to I M $\frac{1}{4}$ Cr Smith sec
33 141-31 and start cutting lime
West go to dinner at Heckenrath
\$2.53 paid by me,
VM

We pick up Ed at Martin's on the
way back to work.

From pt W of road chain E @ 15 ft
E Woolk Road. ¹⁴⁰

at 110 pm + 30 + 12.6 = 152.6 I M $\frac{1}{4}$

43.7 W = 196.3 W of $\frac{1}{4}$ = ⁴³446 + 300 =

496.3 pm + 63.4 = 559.7 hnt +

192.7 = 752.4 hnt ^{9 2 2}_{4 2 4}

496.3
63.4
559.7

120.25
4

137

Tower 752.4 hit house run L 11°06'
116.25

For fig. Call our line N+S

Hub 752.4 run S 11°06' E 116.25

Tower 116.25 run S 9°22' W 66.1

S 11°06' E 116.25

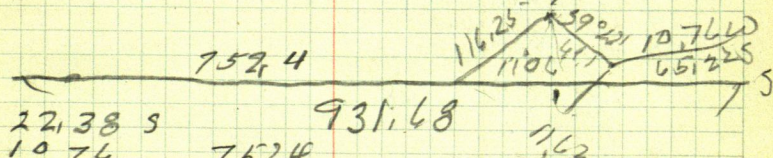
Sine 192522 x 116.25 = 22.38 E

Cosine 981293 x 116.25 = 114.06 S

S 9°22' W 66.1

Sine 162752 x 66.1 = 10.76 W

Cosine 986667 x 66.1 = 65.22 S

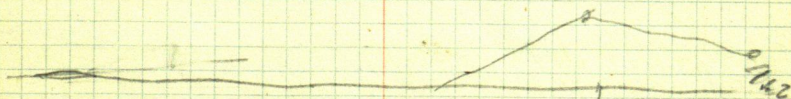


22.38 S
10.76
31.14

752.4
114.06

866.46
65.22

931.68 / 11.62.0



752.4
114.06
866.46

138

Corrections 01247209

hub 752.4 W per S - 9.38

" 866.46 W " S - 10.81

2238

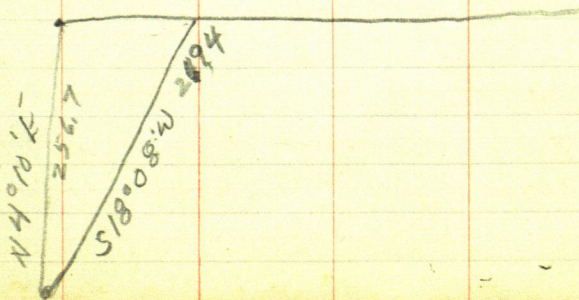
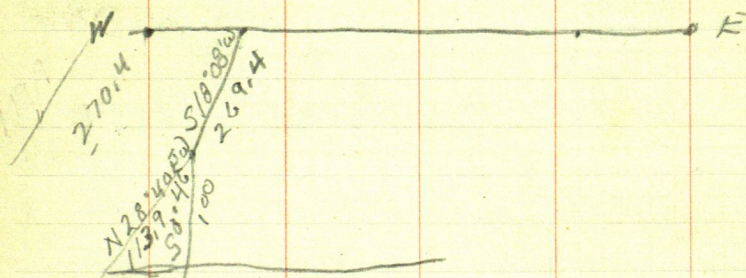
1081

11457

Tower Canted hub 866.46 run

S $18^{\circ}08'W$

Tower

BSN $18^{\circ}08'E$ & run S $0^{\circ}46'W$ 100 ft

1139
7
1069

139

S 18° 08' W 269.4

Sine $311229 \times 269.4 = 83.85$

Cosine $950335 \times 269.4 = 256.02$

S 28° 40' W 106.9

Sine $479713 \times 106.9 = 51.28$

Cosine $877425 \times 106.9 = 93.80$

$$\begin{array}{r} 83.85 \\ 51.28 \\ \hline 135.13 \text{ W} \end{array}$$

$$\begin{array}{r} 256.02 \\ 93.80 \\ \hline 349.82 \\ 83 \\ \hline 66.5 \end{array}$$

• 65.22
S 18° 08' W
269.4

$$\begin{array}{r} 83.85 \\ 66.22 \\ \hline 17.63 \\ 51 \end{array}$$

S 28° 40' W 113.9

Sine $479713 \times 113.9 = 54.64$

Cosine $877425 \times 113.9 = 100.$

Bla Bay

Jan 30th 1961

Greer wants the other 7 ft along shore line

John & I to Bla Bay at our old spike on shore 100 ft South of an iron we drive a 2×30 " pile at the point E of road we run $S 28^{\circ} 40' E$ 7 ft drive a 1×24 " pipe as I did not have this book I come back to Court house for it

Correction 01247209

we correct hub 196.3 W of I.M. on 70th SP,

196.3 W goes S 2.45 to line

From corrected trap line an I.P. sets
 $S 18^{\circ} 08' W$ 269.4

$$\text{Sine } 311229 \times 269.4 = 83.85 \text{ W}$$

$$\text{Cosine } 950335 \times 269.4 = 256.02 \text{ S}$$

$$S 28^{\circ} 40' W$$

$$\text{Sine } 479713 \times 113.9 = 54.64$$

$$\text{Cosine } 877425 \times 113.9 = 100.$$

$$356.02$$

from hub 196.3 run E 42.7 hub

$$\begin{array}{r} 42.7 \\ 196.3 \\ \hline 153.6 \end{array}$$

hub 153.6 W goes S 1.92

Then connected hub 153.6 sets W +

run S $37^{\circ}17'E$ 130'

Sine $605.757 \times 130 = 78.75$

Cosine $795.650 \times 130 = 103.43$

Run 130 BS N $37^{\circ}17'W$ run

S $40^{\circ}46'E$

Sine $652980 \times 333.51 = 217.78 E$

Cosine $757375 \times 333.51 = 252.59$

Sine $652980 \times 310 = 202.42$

Cosine $757375 \times 310 = 234.79 S$

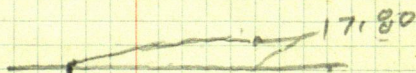
$$\begin{array}{r} 356.02 \\ 103.43 \\ \hline 252.59 \end{array}$$

$$\begin{array}{r} 33351 \\ 180 \\ \hline 15351 \\ 130 \\ \hline 23.51 \end{array}$$

$$\begin{array}{r} 180 \\ 130 \\ \hline 310 \end{array}$$

$$\begin{array}{r} 356.02 \\ 338.22 \\ \hline 17.80 \end{array}$$

$$\begin{array}{r} 103.43 \\ 234.79 \\ \hline 338.22 \\ 17.8 \\ \hline 16.02 \end{array}$$



S $60^{\circ}W$ 35'

Sine $866025 \times 35' = 30.31 W$

Cosine $500000 \times 35' =$

142

HARRINGTON.

145-18-40
290-38-30

145-19-15

78.91

119-35
237-10

119-35

444.18

275.28

135-22
270-44-40

135-22-20

352.12

414.20

81-46-40
163-33-90

81-46-50

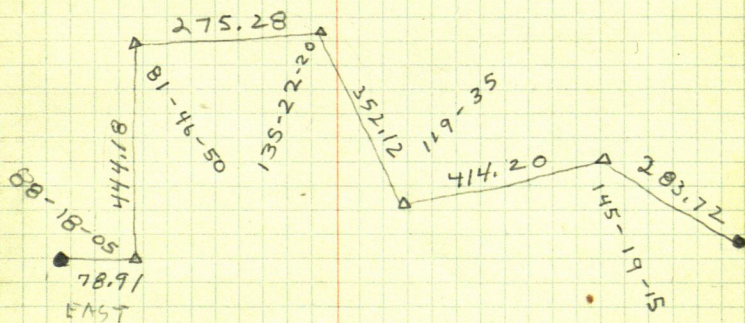
283.72

88-18-25
176-36-10

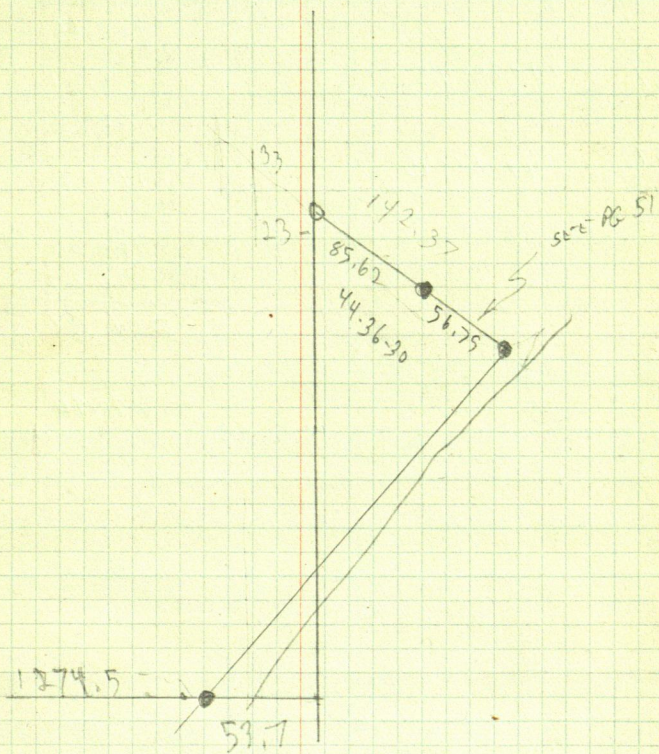
88-18-05

RON, KEN

10131/78

500
100

MIKE HARRINGTON



Joe JOHNSON

132-08
264-16

132-08

350.48

111-12-30
222-25

111-12-30

59.33

74-29
148-57-30

74-28-45

125.85

299.27

15.65

47-57
95-53-30

47-56-45

140.27

185.0

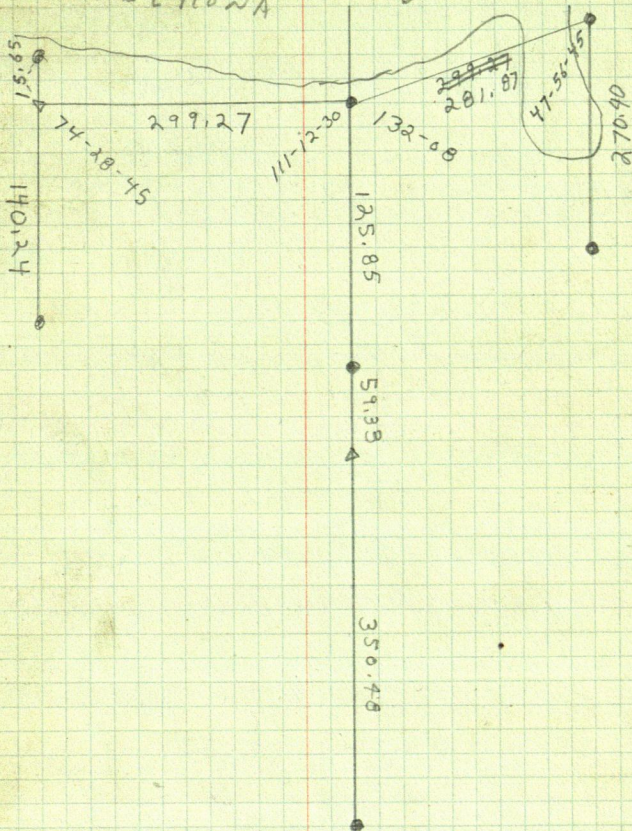
96.87

281.87

270.40

KABE KONA

LAKE



SE COR SEC
7-142-31

70356