

MEMORANDA

Branham BK #7

Compliments
of
Intersoll-Rand Company
LARGELY BY NEW YORK

Mag. Comp. Var. 4 1/4 yrs. West

5300

To Mr. Ivan Brantam

Milw. Sewage Comm.

Minocqua Wis.

This book is presented with the
compliments of

Mr. A.M. Johnson

Grand 8740 Milwaukee
INGERSOLL-RAND COMPANY

Ivan Brantam 1946
Minocqua, Wis.

66
6
39.60

50-35
16-52

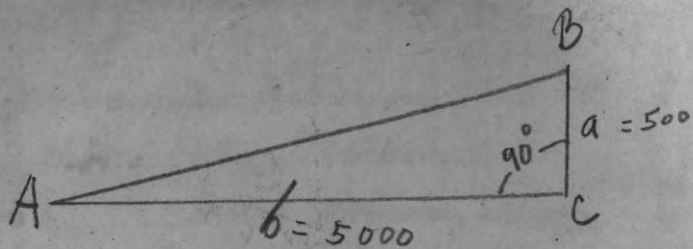
16-52
16-45
16-30
3 147
49

3 153
52

26 28
30

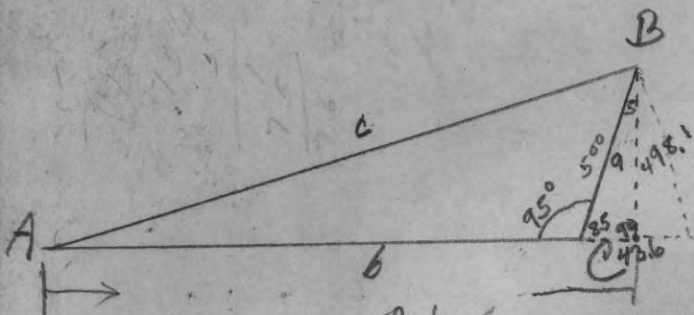
66
10
79 25
30

3 18 22
274



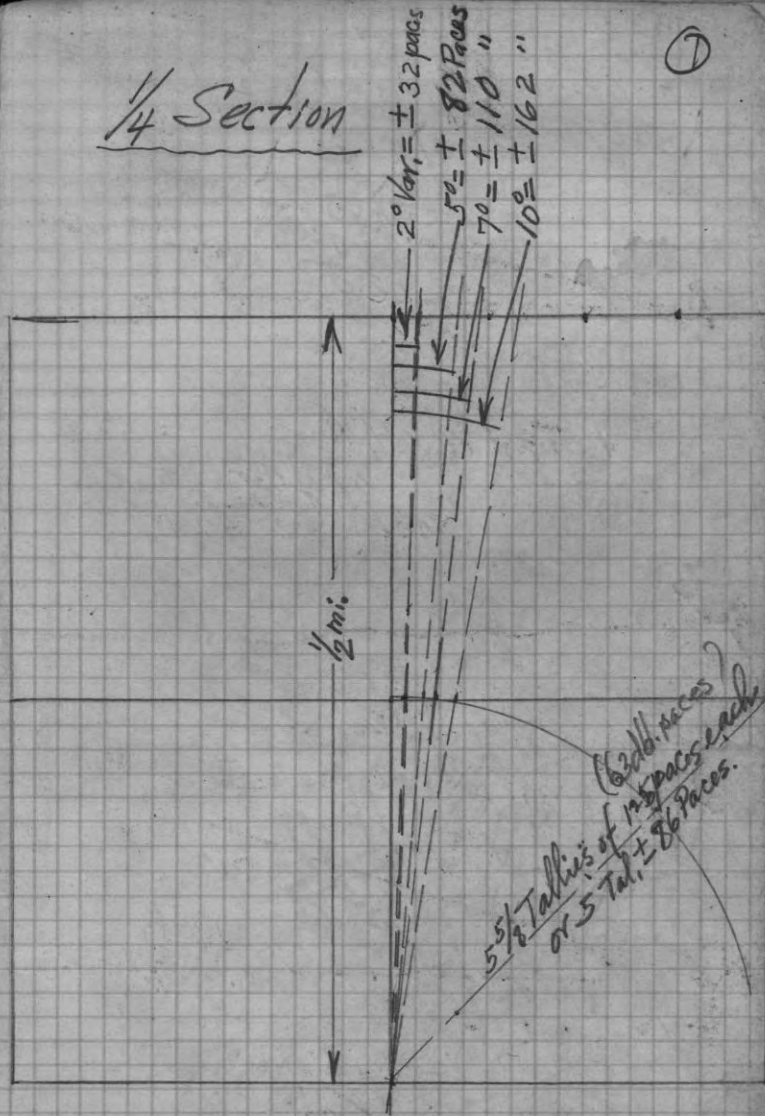
$$\text{TAN } A = \frac{a}{b} = .1 = 5^{\circ}43'$$

$$5000 \overline{) 500.0}$$



$$\begin{array}{r} 5000 \\ 43.6 \\ \hline 5043.6 \end{array}$$

1/4 Section



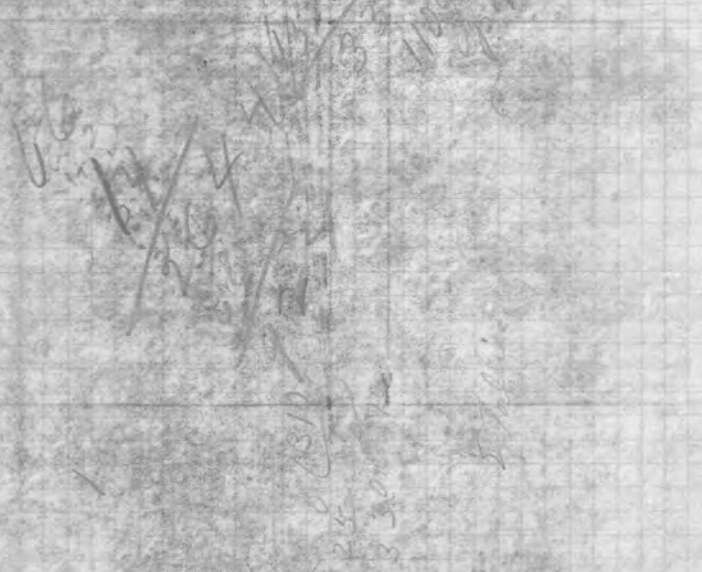
NE

② 80 16 1/2 ft rod

5280 320/5280
320
2080
1220
160

4/10 1320 1440
0120 50 tapes
20'

700/30
1350
1320



2

FIELD NOTES
Sec 27-39-10

7/26/35
③

N. Between Sec. 26 + 27
Var. 6° 30' E
40.00 Set 1/4 Sec Post
Terminal K 6 N37W 85
No. 1 then near
54.00 leave corner
bear S E 1/4 unpat for cult. in.
80.00 Set post corner
to Sec. 27
W. Line 10 S50W 10
Y. Line 8 N41W 60
Surface Kultur and 3rd rate
timber first aspect from

E. 10' from station in Sec. 27 + 34
Var. 6° E
80.00 in line at Nt. 5' line 46 links
south of post

W. Connected line 27 + 34
Var. 6° 20' E
40.00 Set 1/4 Sec. Post
Terminal K 8 S63W 116 links
" 6 N38E 47"
73.00 leave Town Survey line NE
unpat for Cultivation
80.00 Section Corner
Surface Kultur and 3rd rate
timber from Birch Post + rope

④ N. Between Sec. 27 + 28
Var. 6° 30' E
18.00 enter Tam. Swamp
Bears E. + W. unfit for cult.
40.00 Set 1/4 Sect. post

Tam. 8 S43E 12 lks.
Spruce 12 S66W 10 "

80.00 Set post Corner to
Sec. 21, 22, 27 + 28
Tam. 8 S74E 10 lks.
" 8 N45W " "

Surface rolling, soil red clay
Timber taken - Birch, Hardwood
& Pine.

E. Random between sec. 22 + 27
Var. 6° 30' E

80.00 intersect. N. S. line 75
lks. south of post

W. Connected ~~to~~ between
Sec. 22 + 27 - Var. 6° 40' E

12.30 enter Tam. Swamp
Bears NW - unfit for Cultiv.

22.50 lakes & Set Meander post
Tam. 10 S57E 34 lks.
Spruce 8 N41E 8 "

29.50 Overlake + Set Meander post
Tam. 8 N22E 12 lks.
Spruce 8 S68W 15 "

40.15 Set 1/4 post 5
Tam. 10 S5W 15 lks
Spruce 8 N50E 10 "

80.30 Sect. Corner
Surface level soil worthless
Timber Tam. Spruce + Birch

Meanders of lake in Sec. 22 + 27
beginning at post on E. side of
Lake between Sec. 22 + 27

Var. 6° 40' E
N18W 4.50 in Sec. 22

S54 1/2 W 6.94 to post between

Sec. 22 + 27 on W. side
S56W - 3.50

S50W - 4.10

S69W - 9.00 in Sec. 27

S74W - 14.00

S9E - 4.50

S40E - 2.50

N79E - 4.00

N37E - 6.50

S80E - 3.50

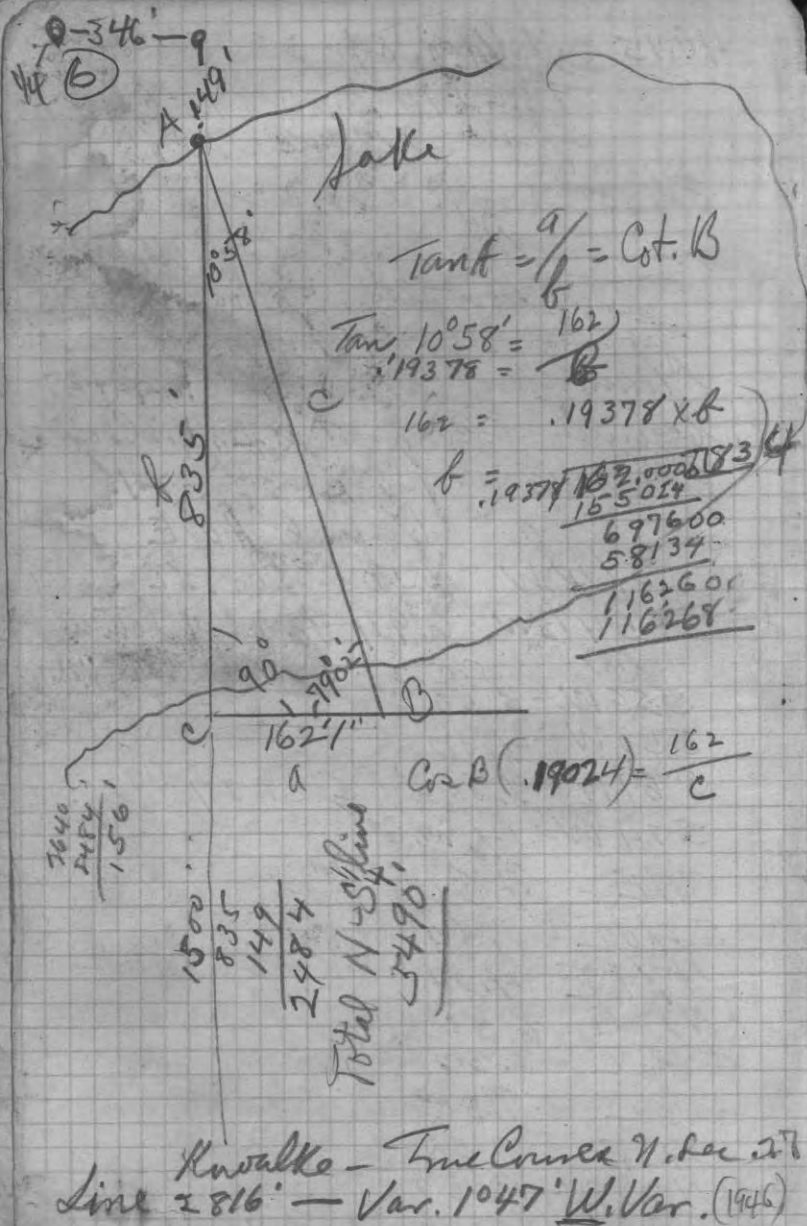
S6E - 7.50

S73E - 8.50

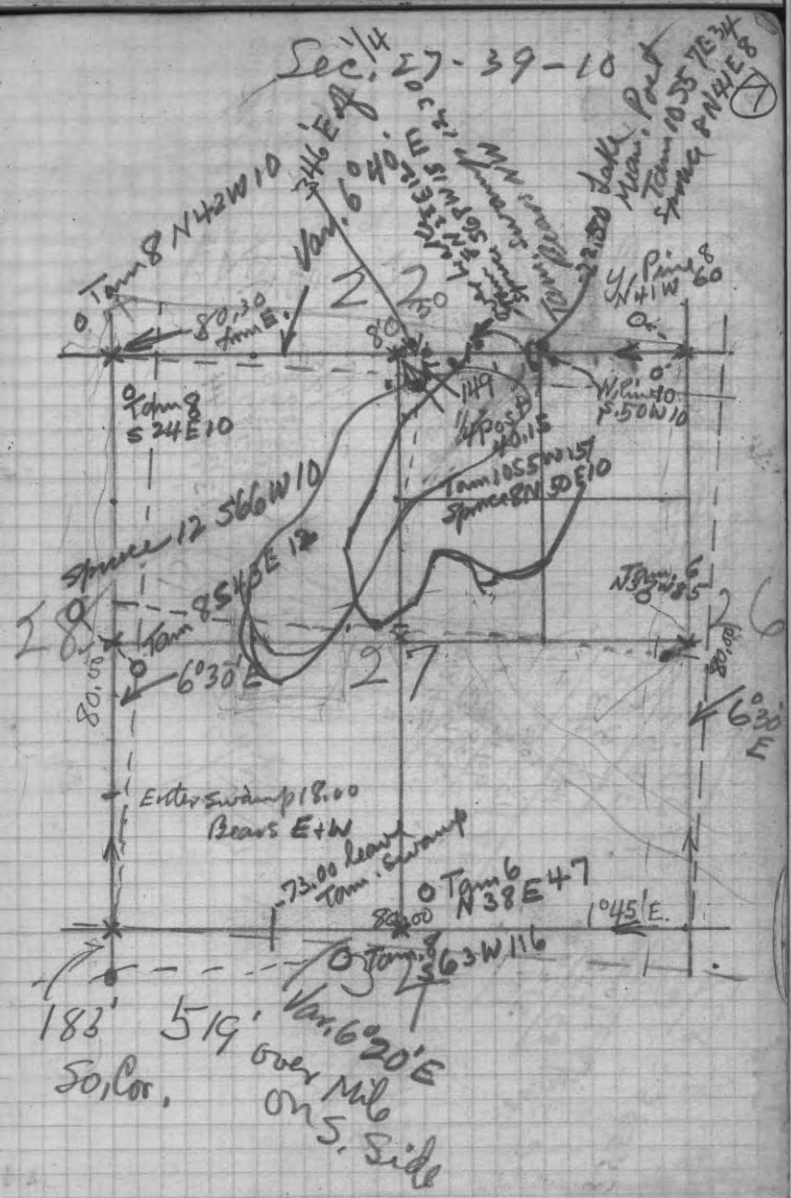
N23E - 12.50

N20E - 10.00

N19 1/2 W - 12.20 to beginning; high
Sand Bank, water clean
& clear



Kwaalle - True Course N. Sec 27
 Line 2816' - Var. $104^{\circ} 7' W$. Var. (1946)



2040
 1762
 877
 0.9372 x .6542 = .613
 1.91488
 382896
 65288
 7222
 176323608 H.f.

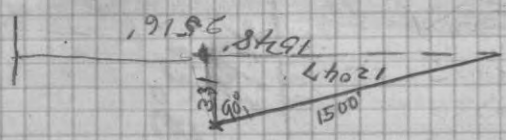
60548
 531000
 526885
 43150
 444531
 11448000
 1311811
 948800
 448900
 414500
 81777
 176323608
 7974
 724
 1795
 5116049
 8960
 16049
 73017
 58048
 13159

8960
 3012
 8480
 9000
 72797
 195
 363985
 582376
 72797
 13467440



2724 40E (approx.)

2640+519
 183' So. of Cor. (519' over)
 Ran W. on 1045'E.
 Ran N. @ 2640' on 1045'E.
 Inter. N line 346'E. of 4

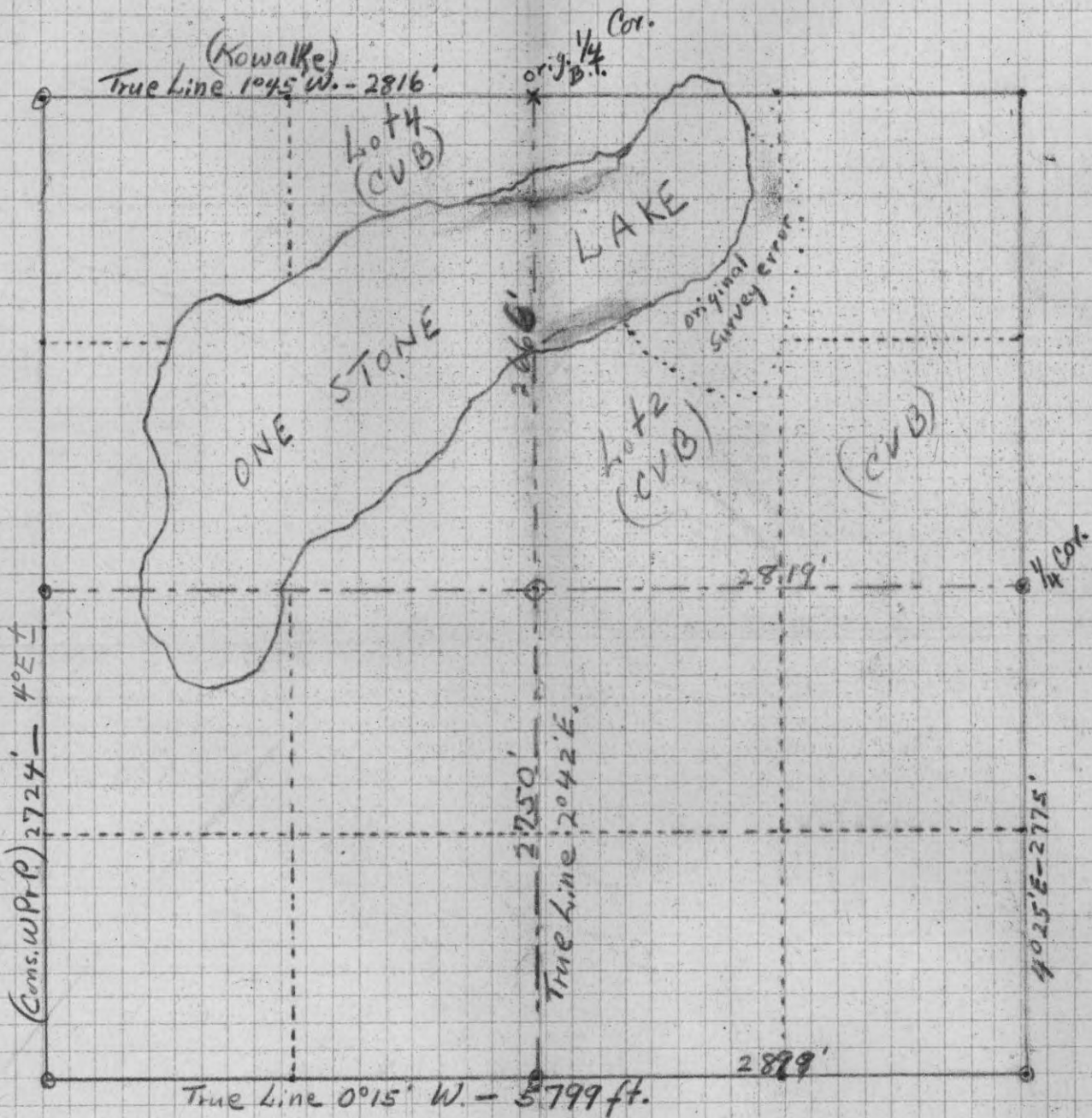


1760
 2640
 1350 of 1/4 E. line
 1777

1045
 203
 2046
 125
 849
 96
 1812
 10158
 1025
 1897

SEC. 27-39-10E

9/22/48



BK #7 PG 9

(12)

$$\begin{array}{r} 2672 \\ 1976 \overline{) 2640.00} \\ \underline{6640} \\ 5928 \\ \underline{6916} \\ 2040 \end{array}$$

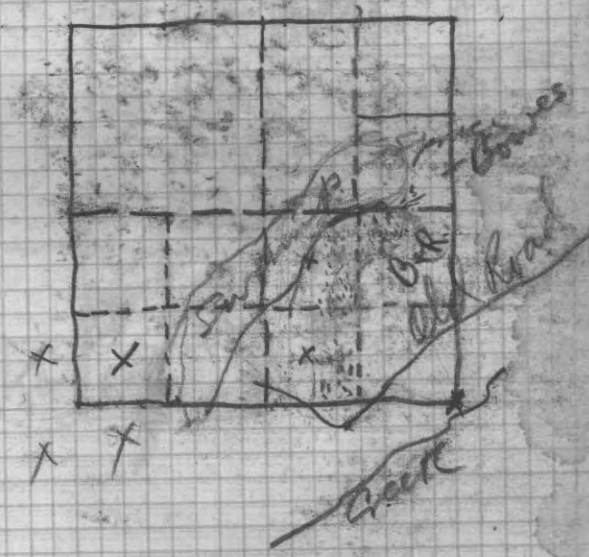
$$c = \frac{b}{CSA} = \frac{2640}{.98769}$$

$$\begin{array}{r} 2667 \\ 1977 \overline{) 2640.00} \\ \underline{6600} \\ 5937 \\ \underline{6656} \\ 1437 \\ \underline{1492} \\ 45 \end{array}$$

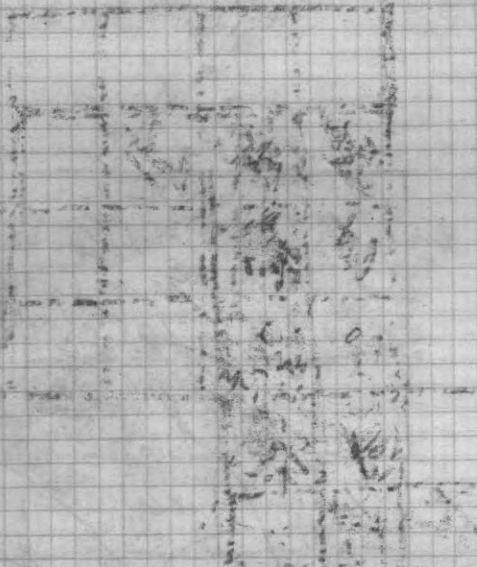
370
 307
 141
 383

(13)

Sec. 1-36-10

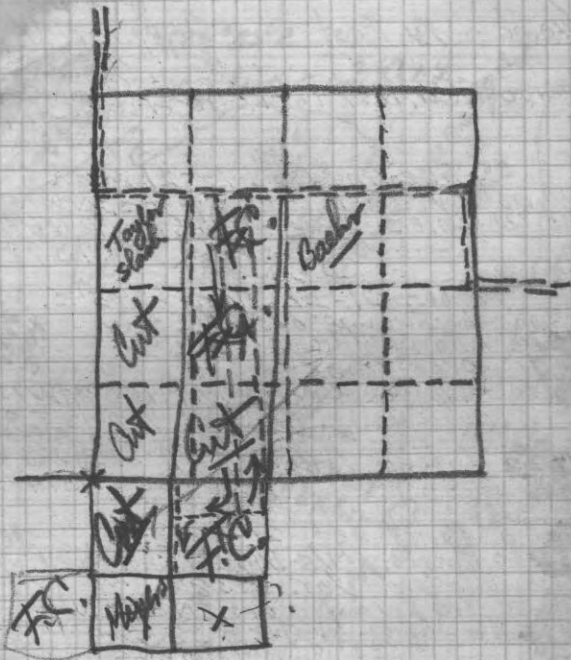


(14)



Sec. 8-36-11

(15)



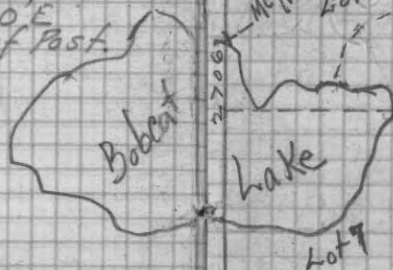
FIELD NOTES Swt. 1863
Sec. 21-39-6E

N. bet. Sec. 20-21, Var. $8^{\circ}E$
 8.50 - Inters. Lake - MC { Bir. $8^{\circ}N 25^{\circ}E 15$
 " $8^{\circ}S 9^{\circ}W 7$
 24.00 - over Lake - MC { Bir. Pine $12^{\circ}S 73^{\circ}E 55$
 40.00 - $\frac{1}{4}$ Post - { Asp. $10^{\circ}N 9\frac{1}{2}^{\circ}E 29$
 " $10^{\circ}N 53\frac{1}{2}^{\circ}W 9$
 80.00 - Cor. Post 16-17-20-21 { Tam. $5^{\circ}N 68^{\circ}W 45$
 " $5^{\circ}N 10\frac{1}{2}^{\circ}E 203$

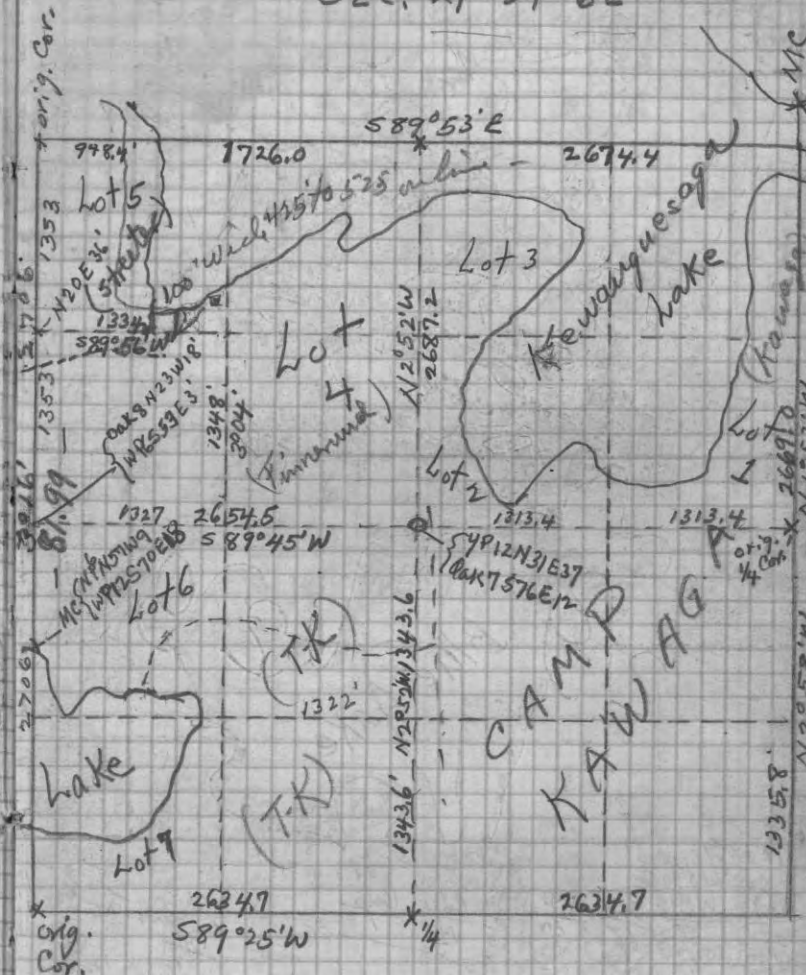
E. True line bet. 16-21, Var. $6^{\circ}40'E$
 10.00 Lv. Tam. Swamp brs. NW-SE
 15.13 Inters. Lake - MC { Asp. $10^{\circ}N 67\frac{1}{2}^{\circ}W 29$
 Tam. $7^{\circ}S 78^{\circ}W 7$

N. bet. 21-22, Var. $6^{\circ}45'E$
 2.00 Lv. Swamp brs. NE-SW
 22.50 Pond Course NW-SE
 34.71 over same
 40.00 $\frac{1}{4}$ Sec. Cor. { S.P. $15^{\circ}S 81^{\circ}W 126$
 " $10^{\circ}N 12^{\circ}E 94$
 74.10 Inters. lake MC { Asp. $6^{\circ}S 14^{\circ}W 8$
 Bir. $5^{\circ}S 21^{\circ}E 14$

E. Rand. bet. 21-28, Var. $7^{\circ}30'E$
 80.50 Inters. N/S Line 122 lks. N. of Post.
 W. Cor. Var. $6^{\circ}38'$
 6.50 Lv. Swamp brs. NE-SW
 40.25 - $\frac{1}{4}$ Post { Asp. $5^{\circ}S 6^{\circ}E 5$
 S.P. $7^{\circ}N 14^{\circ}W 23$
 80.50 - Sec. Cor.



SEC. 21-39-6E

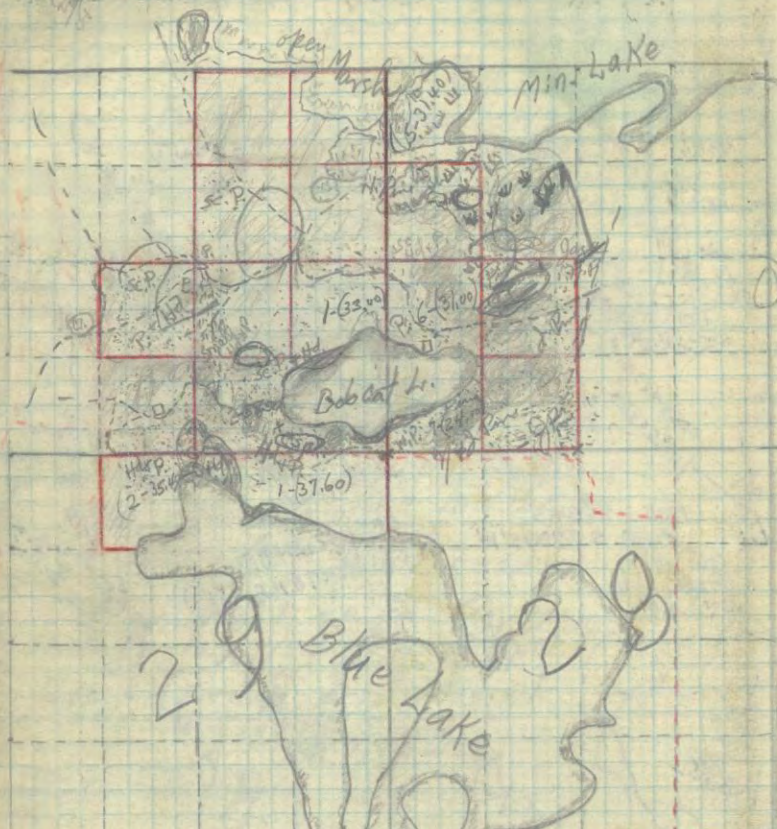


Shuter
121 7th 2nd av
Wauwatosa

10-10-40

SEC. 20-21-28-29 T39R6E.

(Notans Lands)



W. Pine M. Pine W. Bir. R. Oak Gd. Pine Pulp Ch. Spr. Pulp Ch. Bals. Pulp

N $\frac{1}{2}$ -NE-20		No	Comm.	Timber						(19)
SW-NE-20	15	10			14					
SE-NE-20	3	5	3	5	6	5				
SW-NW-21	3	5	2	3	5	3				
NE-SW-20	50	15	22	30	35	10	10			
NW-SE-20	35	25	25	25	40	1	2 $\frac{1}{2}$			
NE-SE-20 (lot 1)	10	5	10	12	25	2	2 $\frac{1}{2}$			
NW-SW-20 (lot 6)	20	10	5	5	20	1				
NE-SW-21	-5	25			350					
SE-SW-21										
Lot 7-21	6	6			5					
Lot 2-20	45	20	45	60	55	13	5			
	190	126	112	140	555	35	10			
Lot 1-29										
Lot 2-29										

12' x 12' / acre

Oak	W.P.	Bir.	N.P.	Pine Pulp	Ch. Spr.	Ch. Bals.
32	5	18	10	5	12	
(150)	(200)	(100)	(100)			
2	10	100	5			
(100)	(100)	(80)				
7	6	30	3	5	3	
(120)	(150)	(80)	(100)			
30	9	80	2	3	2	
(120)	(100)	(80)	(120)			
23	11	100	15	1	40	
(180)	(100)	(100)	(100)			
30	10	20	15	1	53	
(100)	(100)	(80)	(100)			

SE-SW 40 acres timber
 9' Pine
 45' Pine
 50' Pine
 25' Birch
 90' Oak = 18
 400' Pine = 8
 300' Pine = 6
 80' Pine = 2
 50' Pine
 5' W.P.

NE-SW-20

W.P.	N.P.	Oak	W.P.	Pine	Spr.	Bals.
20	5	3	10	5	1	2
(100)	(150)	(20)	(20)	5		
15	10	15	10	20	9	8
(140)	(100)	(120)	(100)	25	10	10
6	4	10	10	15		
(140)	(100)	(140)	(100)	35		

3200
2100
240
315540
1880
47000

750
480
400
1630
54325
13600

360
1800
1400
1200/2640
255
900
22500

4800	1500	1800	1000
200	1000	960	500
840	480	1440	300
320	3000	800	240
4140	1080	1800	100
210	1100	900	800
610570	184604	1700	2940
1750	1210	1280	500
35	35	35	35
8750	6050	4400	30
5250	3630	3840	1700
61250	42350	44800	

3500' Pine
 35 acres Total in NW $\frac{1}{2}$ -SW
 300' Pine or 3500' Ch.
 25' W.P. 5' W.P.

Val.
1/10/43 (20)

#

2000 - 190 M - W. Pine @ 8.00 = 1520.00

1000 - 125 M - N. Pine @ 6.00 = 750.00

1500 - 110 M - W. Bir. @ 5.00 = 550.00

1500 - 140 M - R. Oak @ 5.00 = 700.00

(565) 750 - 550 cda. Pine Pulp @ 1.00 = 550.00

100 - 35 " Spruce @ 2.00 = 70.00

50 20 " Bals. @ 1.50 = 30.00

Total Timb. Value — \$4170.00

25 2 1/2 M Barrow @ 6.00 — 15.00

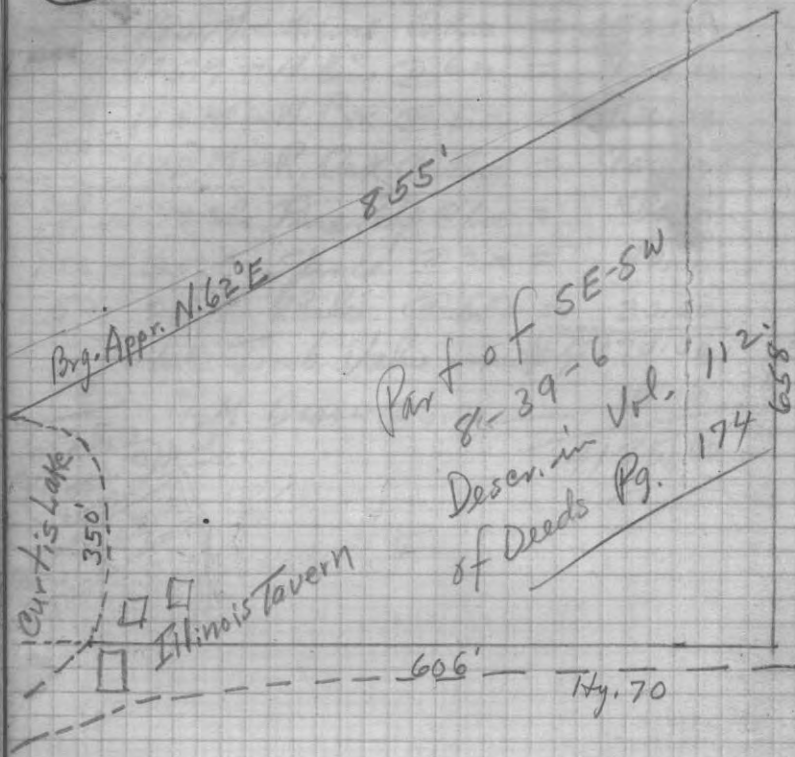
6925.00
7000.00 land
3000.00
10,000.00

4185.00

Hannum land

(21)

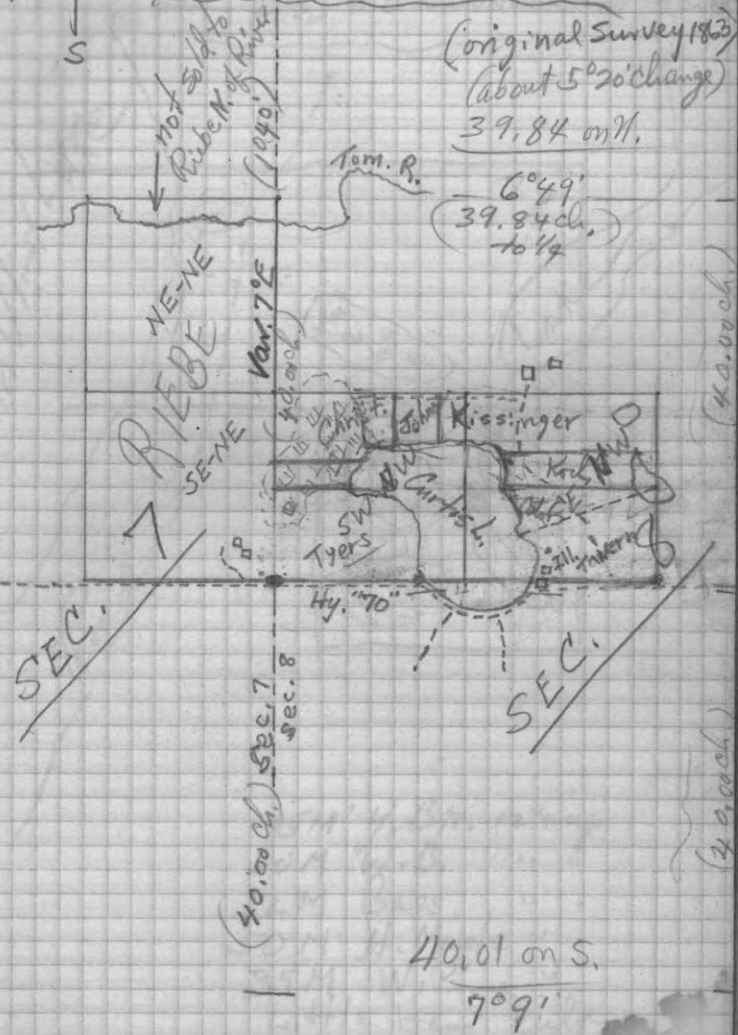
(22)



(Scale - 1" = 200')

(23)

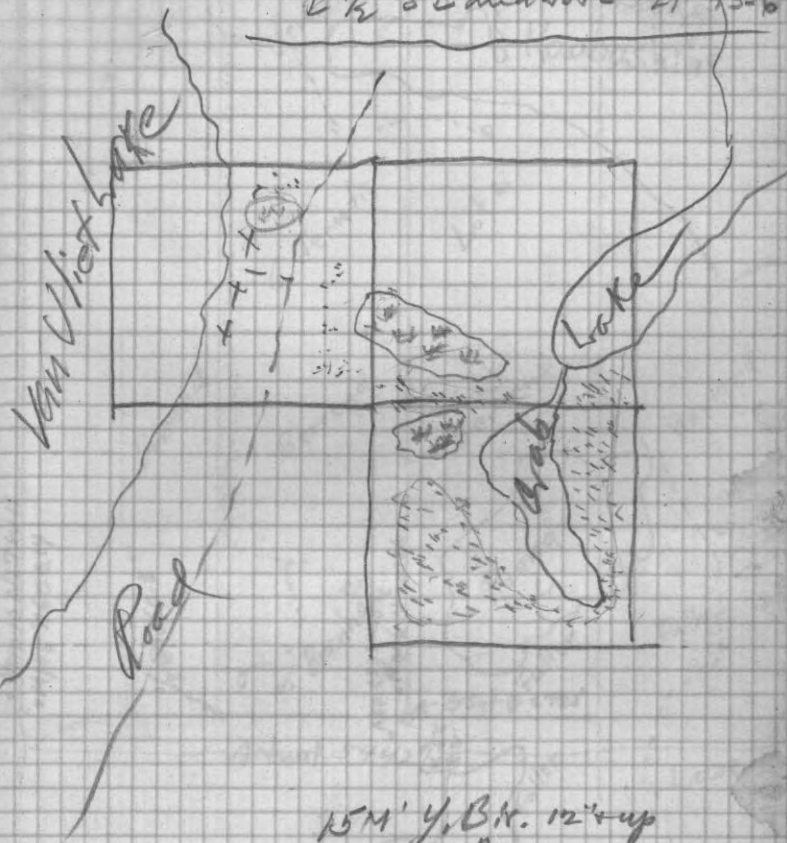
SEC. 7 and SEC. 8 - 39-6
 (Medenwaldt and Himmelsbach) 1945



40.01 on S.
7° 9'

(24)

Schacht, Place 4-11-43
Van Wert + Crab Lakes (25)
E 1/2 SE and lot 5-21-43-6



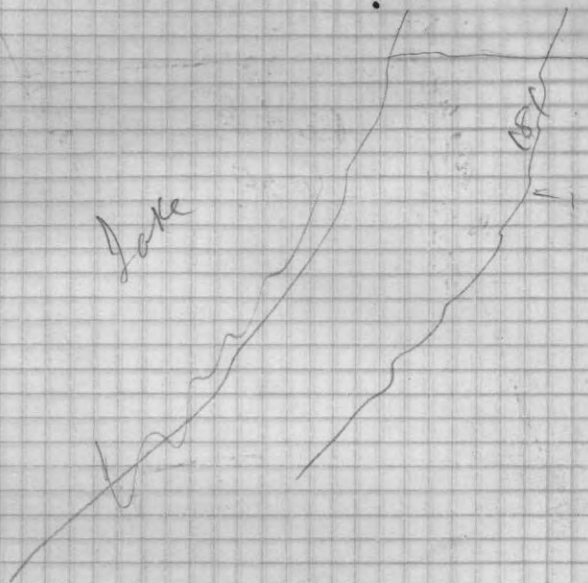
15M' y. Br. 12' up
20M W.B. " "
2M Bass. " "
50M H. Maple " "
35M W. Pine " "
Little Hem. Pulp

28

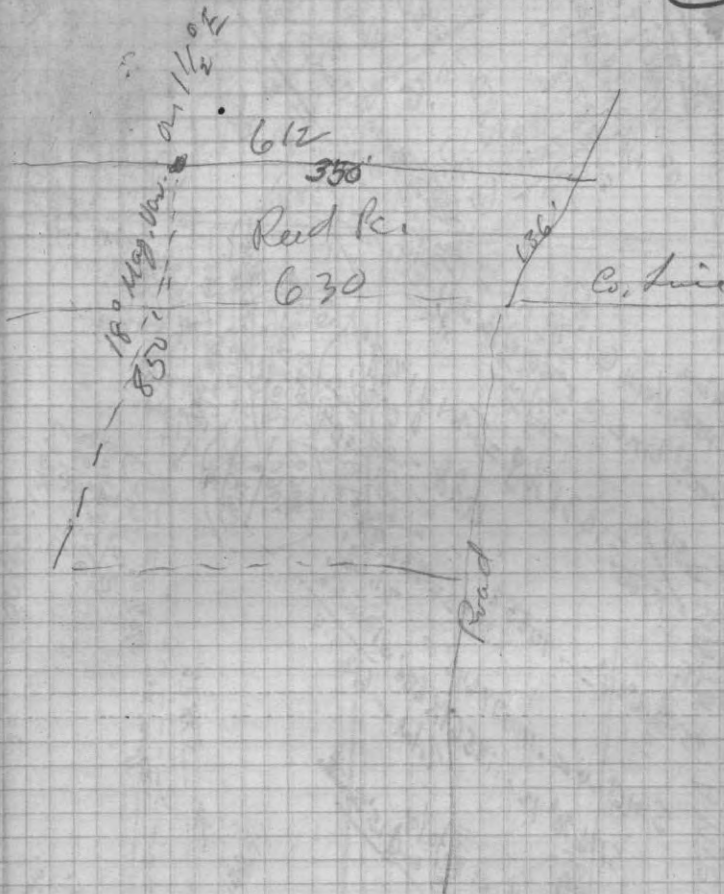
29

(30)

MILL PROPERTY



(31)



32

1040' Random
Hammers
as 6 TANA =
2640' x 1458'
= 380 ft.

980 - 380 = 600
620 E. of Hammers
road center to E line.

2667'
2640' Hammers
WP 9 510 F12

N. Line
Inst. Vern. @ 1040'
South line @ 2000' = 20' diff.

$\frac{54}{1700} = .031769 = \tan 0.20'$
add - 0.20'

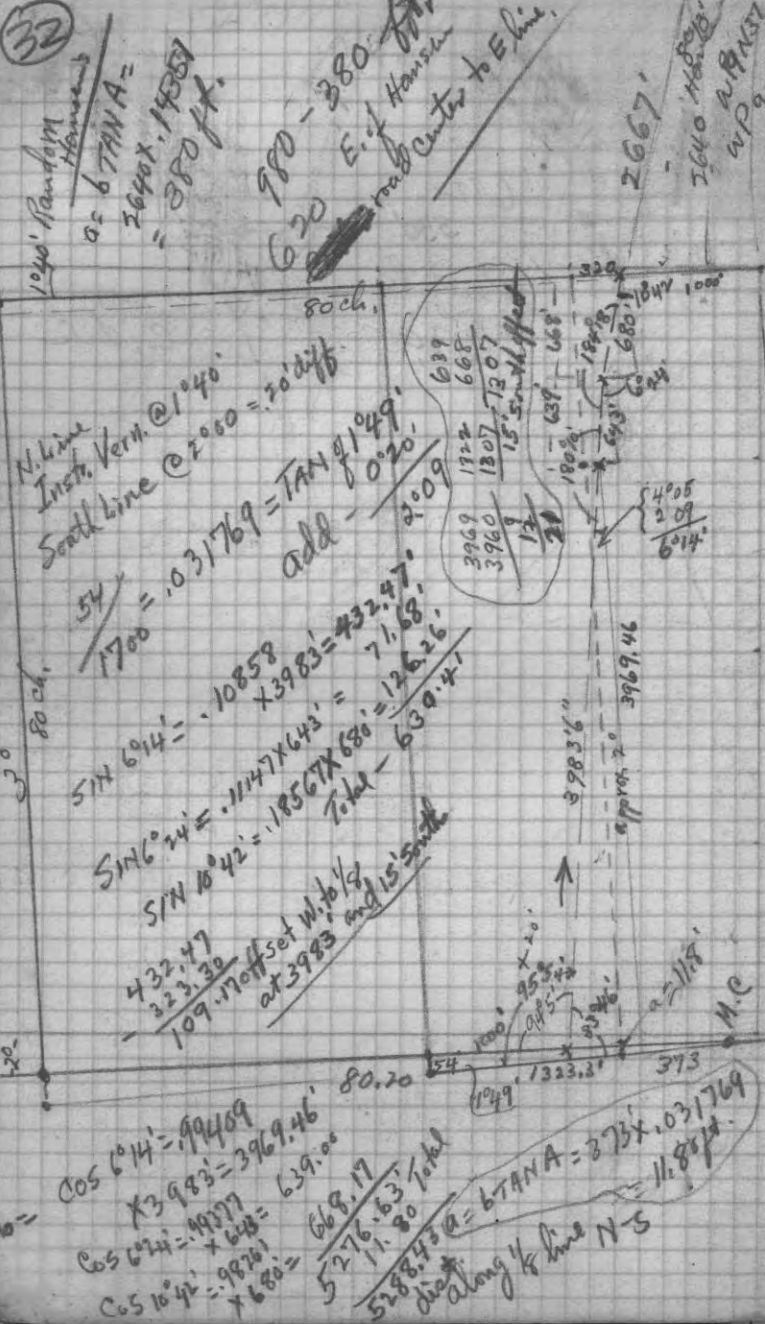


$\sin 6.14' = .10858$
 $\times 3983 = 432.97'$
 $\sin 6.24' = .1147 \times 643 = 74.68'$
 $\sin 10.42' = .18567 \times 680 = 126.26'$
Total = 639.41'

$\frac{432.97}{323.30} = 1.34$
109' offset W. to 1/2
at 3983 and 15' south

3983%
approx 20' 3969.46

$b = \cos 6.14' = .99409$
 $\times 3983 = 3969.46'$
 $\cos 6.24' = .99371$
 $\times 643 = 639.00'$
 $\cos 10.42' = .98311$
 $\times 680 = 668.17'$
 $\frac{668.17}{11.80} = 56.54$
 $528.43' = 6 \tan A = 373 \times .031769 = 11.85'$
dist along 1/2 line N-S



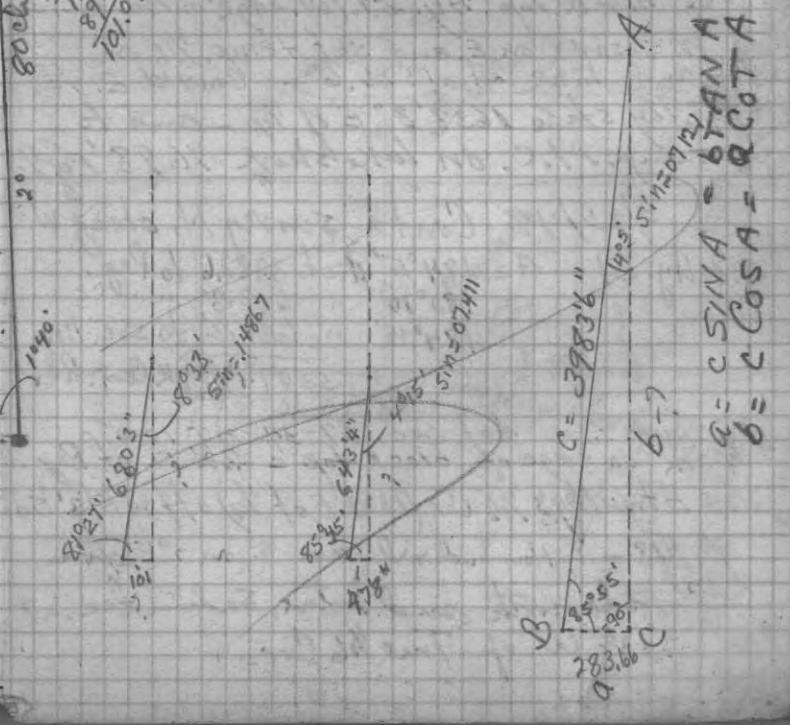
33

161320
122
400
80
1020' = 80'
55' x 8' line @ 7.20'
5020' change
200'
83
4 min. chg.
33.2
5032' change

$\frac{14867}{189380}$
 $\frac{89263}{19109560}$

$\frac{3983.5}{5148' = 0.7121}$
 $\frac{39835}{79670}$
 $\frac{39835}{178845}$
 $\frac{39835}{283665035}$

$\frac{6433}{163411}$
 $\frac{6433}{257323}$
 $\frac{1696}{1323}$
 $\frac{1696}{373}$
 $\frac{47674963}{45081}$



$a = c \sin A = 6 \tan A$
 $b = c \cos A = 6 \cot A$

(36)

NE-SW
(Branham)

NW-SE
(Branham)

(Branham)

LOT

571
571
180
13
22

Christophersem →

U.S. Hwy 51

LOST LAKE 10-2-46
 Part of sections 26-27-34-35
 TOWN 38N, R 6E. NW-SW
 (County)



Scale: 2" = 1320'
 1/8" = 82.5'

(38)

5228
 81 ch. = 5346
 5434
 5346
 88 over rounded
 dist.

5434
 1358 1/2

Old Notes -

N. bet. 25-26 - 21.87 ch. = 1443 ft.

27.50 lv. Swamp = 1815' Fin 105 72W 230

(2361)
 35.78 W. bet. 23-26 (back)
 MC 5 Dir 8 462 EN 6
 Tam. 10 839 E 75
 Total dist. 80.40 ch.
 Var. 7034'E

7020' = 450'
 336 change
 114
 60
 7054 Var. 1947

84
 60/336
 5336
 62381
 336
 45 Per. Var.

June 1947

(39)

SEC. 25-38-6

8 Spr. 6N 76W 25
 7.88 W. of stump = 519' (actual at 5280 N = 650' from Road to Cn)
 8 Spr. 6S 40W 30
 (assumed org. same as S. line + 5280)
 80.60 - 705
 55p. shot of 1/2 mi. to fine cor. 1030'
 1966 Var. OK but facing error of 1/4 tally as near 40.12
 Co. /



Comp. From later meas. of N. line Sec. 25 and E-W 1/4 line (80.25 and 83.92) thus S. line checks. 81.59? for help?

(40)

$$\begin{array}{r} 5266 \overline{) 197.0000} \\ \underline{157.98} \\ 39.020 \\ \underline{36.86} \\ 2.1580 \end{array}$$

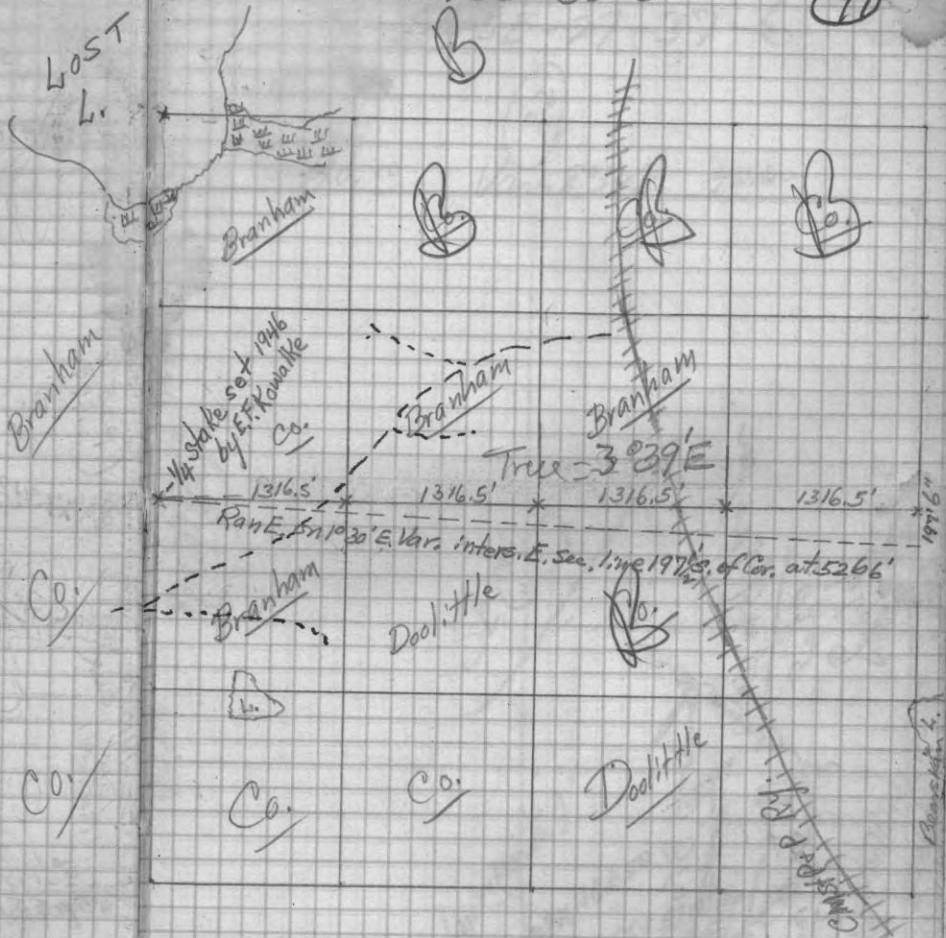
2009

$$\begin{array}{r} 66 \overline{) 7979} \\ \underline{462} \\ 646 \\ \underline{584} \\ 520 \\ \underline{468} \\ 580 \end{array}$$

June 1947

SEC. 35-38-6

(41)



(42)

$$\begin{array}{r} 317 \\ 47 \\ \hline 84 \end{array}$$

$$\frac{6019}{5030} = 0.49 \text{ per. var.}$$

$$\frac{6023}{5036} = \text{change}$$

(28)

1863

(43)

SE-SE-27-37-6

(22)

40.00 Var. 8°34'E 40.00

40.00

Var. 7°48'E

SEC. 27

40.00

Var. 7°30'E

26

40.00

Var. 7°30'E

26

40.01

Var. 6°19'

40.01

(34)

(4th March)

SPRINGES

SPRINGES

(small circle)

Spring

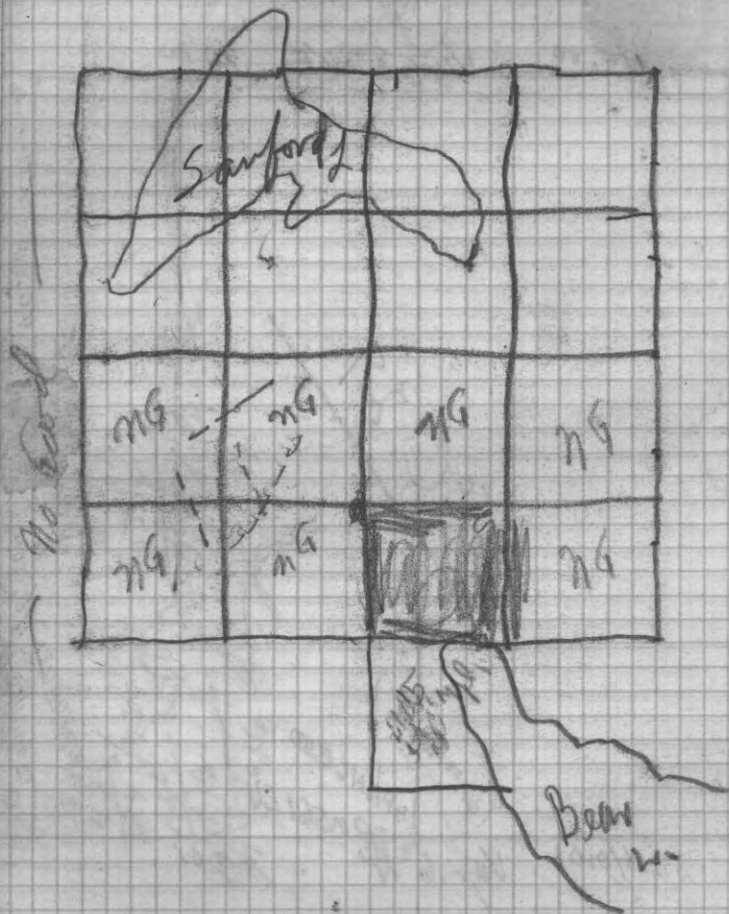
(small circle)

(small circle)

(44)

Brooks & Ross
SEC. 25-43-6

7-21-44



(45)

46

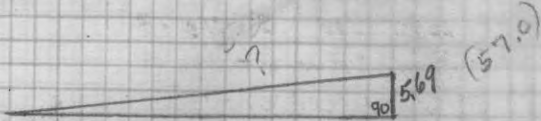
BLANK

47

BLANK

(48)

17.12
21.43
5.690



if oppmt. 5300
1075
53 | 57000
53 | 53000

2700
3700
2905

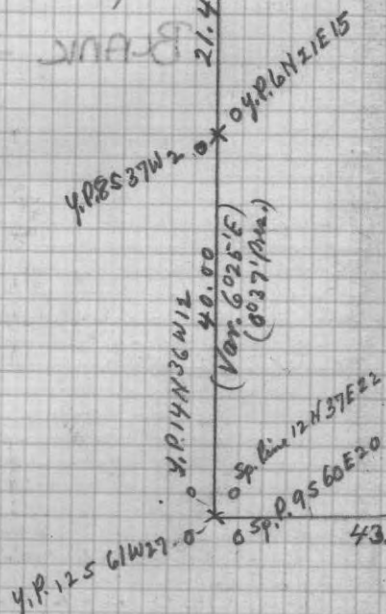
Tan. 1075 = 68.

6030'
5048' = 390'
0°42' pns.

1320
1293
2613

1947
1860
87 yrs.
4 min. ch.
348 = 5048 change to W.
4047'E

Tan 59' = 101716
X 1374
= 22,481 ft. to more



RUPRECHT PURCHASE - 1946

(49)

W 1/2 - SW - 5 - 40 - 8
E 1/2 - SE - 6 - " " "
SW - SE - 6 - " " "

Var. 6°30'E
Corr. Line



50

51

PAGES 50 - 53 BLANK

(54)

Field Notes 36-6 (1862)
Sec. 4

S. Cor. bet. 314 Var. 4°44'E
52.20 - 1/4 Cor. { BP 8 N 52 E 22
 { YP 15 S 14 W 110
92.20 Sec. Cor. { BP 6 N 43 W 6
 { YP 16 N 75 E 26
3-4-9-10 { 9P 14 S 70 E 99
 { " 6 S 36 W 17

Sec. Cor. 3-4-33-34
{ Sp. Pine 8 N 50 E 25
 { YP 12 S 73 W 123
 { Sp. Pine 10 S 25 E 78
 { " 10 N 79 W 138

W. Cor. bet. 4+9 Var. 6°24'E
40.00 - 1/4 { 9P 14 S 25 E 74
 { " 14 N 4 W 29

87 7/8 change
348 = 50 1/2 change
384
348
36 E. Now
+ 2 1/2
58 E

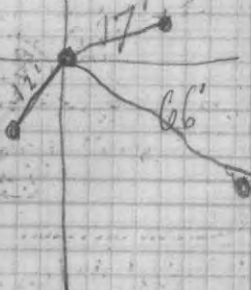
59.50 Enter Marsh hrs NS
80.10 Sec. Cor. { Tam 6 N 28 E 98
 { " 6 S 15 E 123
4-5-8-9

80.10
59.50
20.60 W. Marsh
123.60
123.60
1359.60 ft.
40.00
= 1323.3 ft.

S. Cor. bet. 4+5 - Var. 4°47'E
2.00 hr. Marsh - hrs. E-W
24.50 enter " " NE-NW
52.10 Set 1/4 { Spr. 5 N 87 E 58
 { " 5 N 66 W 92

92.10 Sec. Cor. {

1860
W. Cor. 4+33 Var. 5°30'E
40.00 - 1/4 { 9P 12 S 87 W 491
 { " 10 N 84 W 461
75.50 Marsh runs NWSW
80.00 Sec. Cor. { 9P 12 S 86 W 495
4-5-32-33 no other



(Bowes) Sec. 33-37-7 (1862) (55)

Turn time
W. Cor. 4-33 Var. 6°15'E
40.00 - 1/4 { WP 18 N 5 E 24
 { 9P 20 S 10 E 40
W. Cor. bet. 28-33
 Var. 5°21'E
74.95 WP 24 " diam.
39.75 - 1/4 { Bw 10 S 18 E 28
 { Fir 8 N 6 W 15
80.00 Cor. { WP 10 N 48 E 11
 { " 18 N 19 W 62
4-5-32-33 { " 16 S 71 W 34
 { Hem, 12 S 55 E 17
64.50 Small Red. Pond
74.50 over Pond

N bet. 33-34 Var. 6°30'E 79.50 cor.
40.00 - 1/4 { Fir 10 N 47 W 6
 { M 17 N 5 E 18

80.00 Cor. { WP 14 S 56 W 50
 { Fir 7 N 59 W 21
27-28-33-34 { WP 12 N 5 E 21
 { " 14 S 14 E 43

N bet. 32-33 Var. 5°48'E
40.00 - 1/4 { M 18 S 54 W 20
 { Spr. 12 S 32 E 26
 { 9P 14 S 72 W 5
80.00 Cor. { Spr. 10 N 25 W 4
28-29-32-33 { Tam 16 N 14 E 31
 { M 10 S 38 E 22

Cor. 3-4-33-34
YP 14 S 84 E 18
" 12 S 23 W 4
" 14 N 77 W 11
WP 14 N 5 E 16

(52) RE-SURVEY of LINE BET. SEC. 4+9-36-6
Math. (Clear) 10/28/49 - I. Brunkman & P. Langenbach

Start from known Cor. Secs. 4-5-8-9

Run E. @ $1^{\circ}45'$ Approx. E. Var.

At 1321'7" East, Set Approx. $\frac{1}{16}$ stake
on edge of marsh.

At 1600' E. Picket at W. ditch bank of Rd.
(1621' to approx. Rd. Center)

A 2643'3" Set Approx. $\frac{1}{4}$ Cor.

No evidence of old Corner or B.T.s

Offset at $90^{\circ} 31'9''$ N. to old
Picket line - Check back from
South to East on old line - angle
reads $90^{\circ}30'$

Compass Needle shows Brg. Approx. $2^{\circ}30'$ E

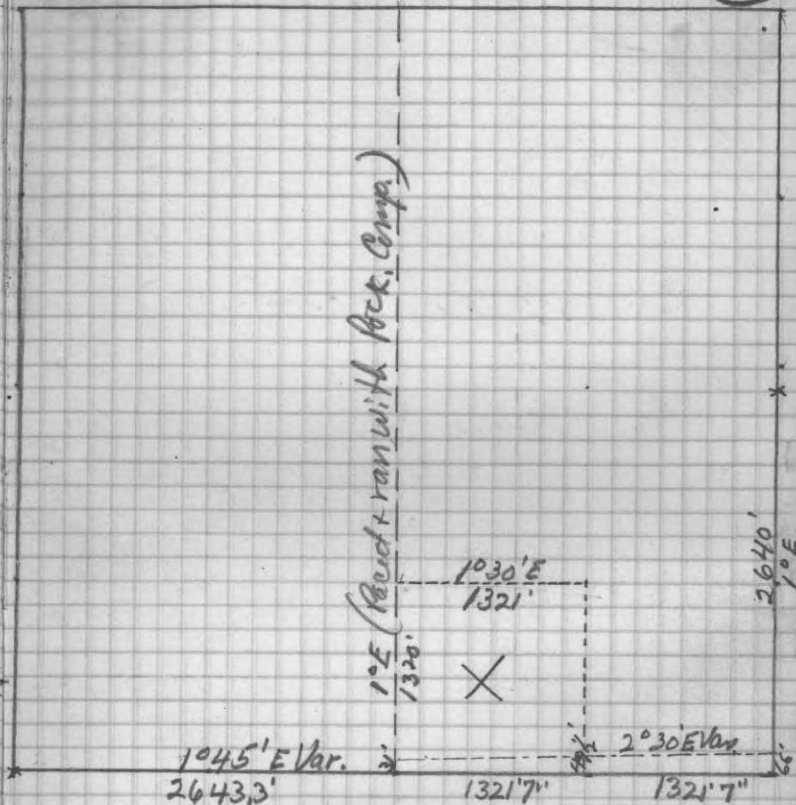
$1^{\circ}45'$ $90^{\circ}31'9''$ $90^{\circ}30'$ $2^{\circ}30'$

Measured E. on old range ($2^{\circ}30'$ E. Var.) for
another 2643'4" (40.05 ch. per orig. field notes)
and set approx. sec. Cor. 66' so. of Rand.
Could find no evidence of orig. Cor. or
of B.T.s, but checked location by pacing
north 2640' @ 1° E. Var. and located approx.
 $\frac{1}{4}$ Sec. Cor. by old B.T. stump at NW Cor.
of clearing. Paced back and checked
Very closely to sec. Cor. set.

Sec. 4-36-6

10/28/49

(57)



PAGES 58-73

BLANK

74

10-31 - 1947

75

SEC. 24-40-5E

(Surveyed 1864)

W P12341220
S 10 N 54 E 37
Town

Relocated
W P1066E31

Corr.
Relocated

39.90

Var. 6° 10' E

As 1863 W P12341220

0° 49' actual
1947

39.90

W P1066E31
W P12341220
W P10532W40

Darwin

Darwin

40.00

40.00

40.00

40.00
5.30 E

PAGES 76-105

BLANK

(106)

1320
1263

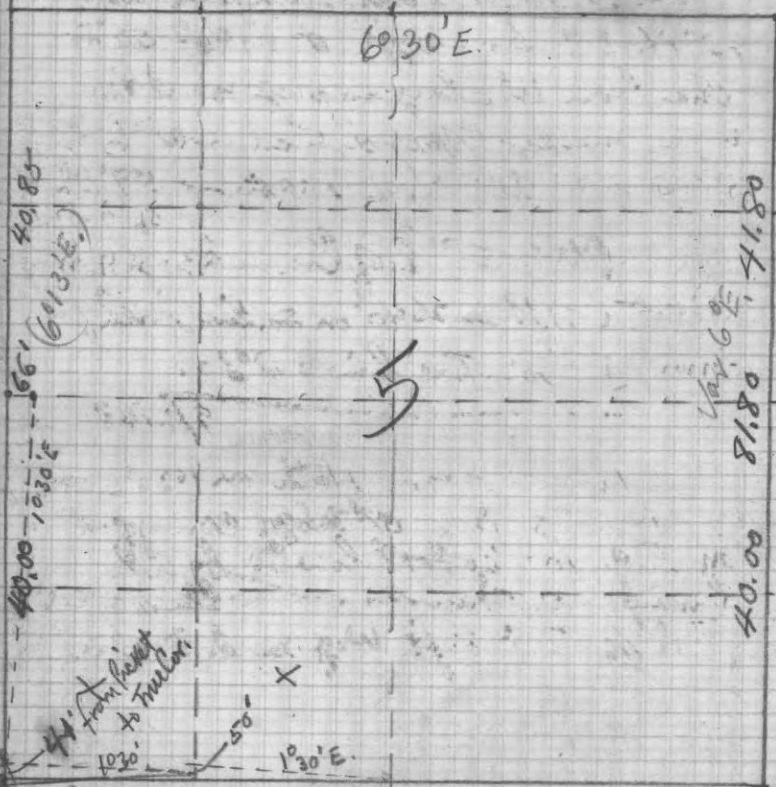
2583

2640
2583

57' short

ring
80.00

6030'E



79.98 - 1030'E
True

8

8/30/48 (107)

5 1/2 SW - 42 - 10

Gerald McCorkle, Rodman - Ran W from
Old marked 1/4 Stake on So. line Sec. 5 -
on Var. 1030' - Inter. Town road about
45° N. of Center - off set @ 90° - 50' So.
Then ran W. along edge of road to
Cone. marker "Approx. Sec. Cor. 5-6-7-8"
Came out 20' N. of marker & 57' short

(Marker 57' E. of Cor. and 21 ft. north)
of 2640'

Departure 91 ft. in 2640' on So. line north of
Corner @ 1030' - True line = 3030'

9/3/48

McCorkle and I ran North on 1030'E on
W. line Sec. 5 - at 2640' came out
466' E. of true 1/4 Post located by old
bearing tree stumps. True line 2056'E
Set 1/16 Post 33 ft. W. of rand. @ 1320'S.

108

Part of Sec. 28 + 29 - 39 - 7

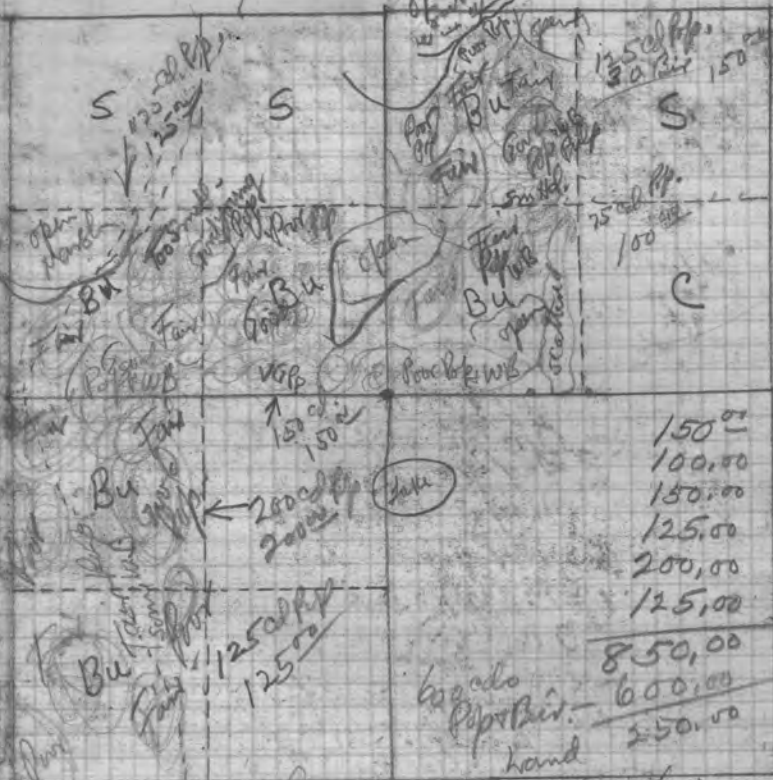
J. Branham + C. Longeneck

SEC. 22 + 27 - 39 - 7

11-10-47

(Bahmann Estate)

109



3M Pine - 45
 300 Cal Pop Bir - 450
 (50% Birts) 495
 Frontage Very Valuable - Some now occupied? - 3005
 3500
 (Land generally fairly level and Roads in)

Total		
6M Pine	930	
5M Mid	50	
3M Hem	30	
70 Cals	210	890
20 Pine	40	300
1050 Pop Bir	1050	350
200 Tea	40	250
	2850	500
		400
		300
		2990
		500
		3490
		820
		2670

Rather rough Country to Log.
 Several old grades could be opened.
 13 descr. backland

40		850
520 A.		2990
x 8		3840 can pay
4160.00 asked		500
300 - E. 40% hot.		4340.00
4480 offer for E. 4%		
of water hot		

(110)

BLANK

(111)

BLANK

(12)

Lots 7 & 8 of Sec 7 and Lot 4 in 18

Land quite Hilly + rough
Good Repr. most areas

Most W. Bir. should grow 5-10 yrs.

Not Much Bolts in Popple

Cedar Mostly Dying, but Most Sound

Large Hem. + Y. B. in Patches or

NWSW - 7 is Going Downhill

35-40% of Hem. is bad

and 30% of Birch defective.

Approx. Estimate - Merch.

55M Hemlock
8M Y. Birch
2M H. Maple
3M W. Pine
30 Cd. Spruce Pulp
20 " Bal. "
50 " Hem. "
5 " Tam. "
30 " Popple "
170 " W. Bir. "
100 Cd. Poles 16 to 40'
1000 Cd. Posts



Hannum
 (114) NENE and SENE 12-39-4
 Lot 4 in 7-39-5

Land Rough + Hilby
 Hem. + Hdwd. in scattered patches
 W. Birch. should be left 5-10 yrs.
 Most areas have good reprod.
 in W. Bir-Maple-Oak-Hem, etc.

Most of good lake frontage
 apparently occupied
 High line to Cottages + roads ok.

Approx. Timber-

8M' Hem. Logg.
 5M' Y. Bir. Logg.
 5M' W. Mpl. "
 1M' Oak "
 1M' W. Pine "
 5cd. Bals. Pulp.
 25" Hem. "
 140cd. Popple "
 220cd. W. Bir. "

Hannum lands
 Parts of Sec. 7-39-5
 " " Sec 12-39-4 (115)



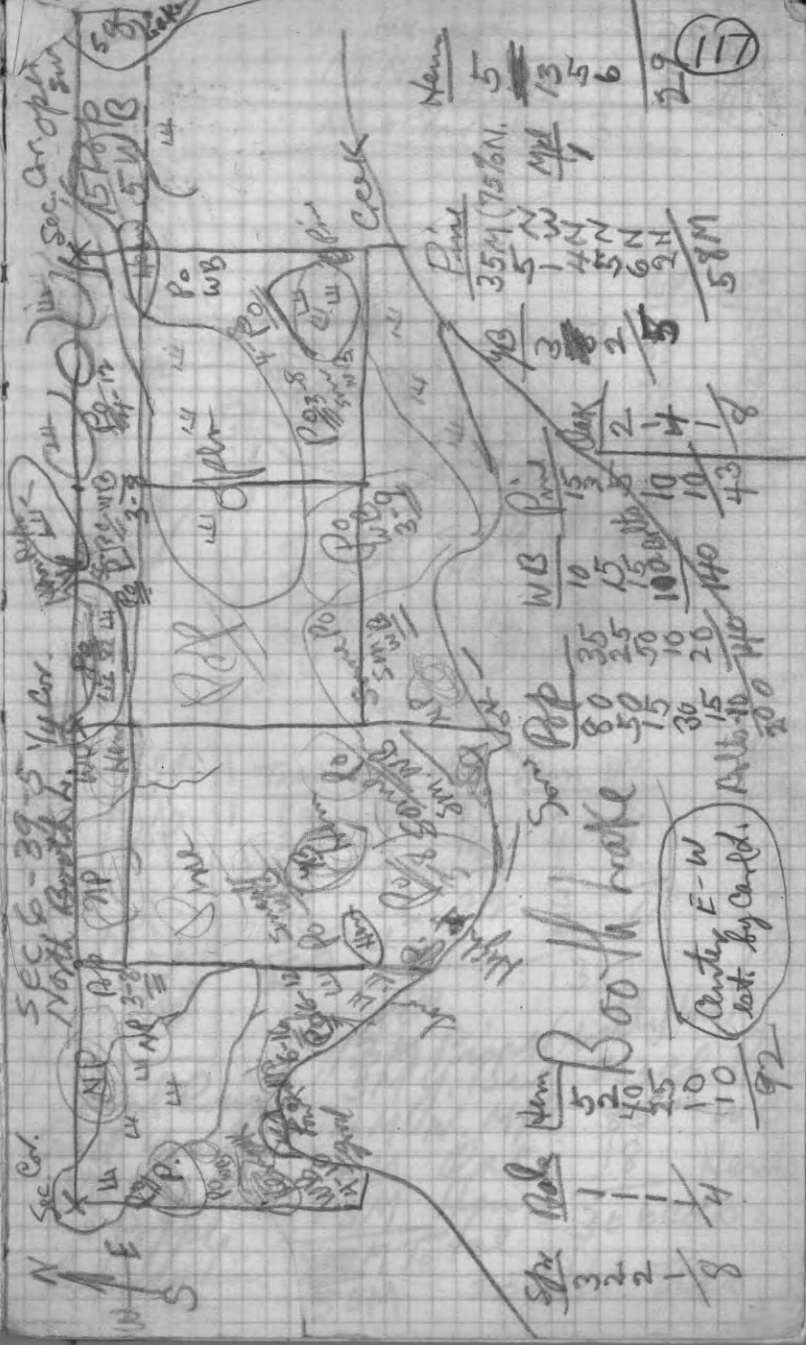
Hammons
116

Sec. 6-39-5
North of Booth Lake

Land Very rough + hilly
Timber scattered in Patches
Good Reprod. most areas
Frontage largely too low or
too High -

Approx. Merch. Timber

	Mine	Cuts	Total
Pine	58M	51	109M
Hem	29"	27	56M
yB	5"	3	8"
Oak	8	0	8"
H. Mpl.	1	0	1"
			<u>182M'</u>
Space Pulp	8	8	16
Rob	4	0	4
Hem	92	10	102
Pine	43	40	83
W. Bit.	140	30	170
Psp.	340	405	745
			<u>1120 cts.</u>



SCALE 4" = 1 Mile



T 39 N R 4 E Sec. 12

Desc. NE SE NW SE NESW
SW NE SE NW NWN

C.V. BRANHAM LUMBER Co. (CZ)

LAND MANAGEMENT MAP

CRUISE HANNUM LAND 2-28-51

Acquired _____ from _____

PRICE _____ TAXES _____

Sp. Type	MS. 3/4	lakeshore	Tot.
Aspen	70	205	275
Birch	20	40	60
Hemlock	R35 d'	5	40
			<u>375</u>

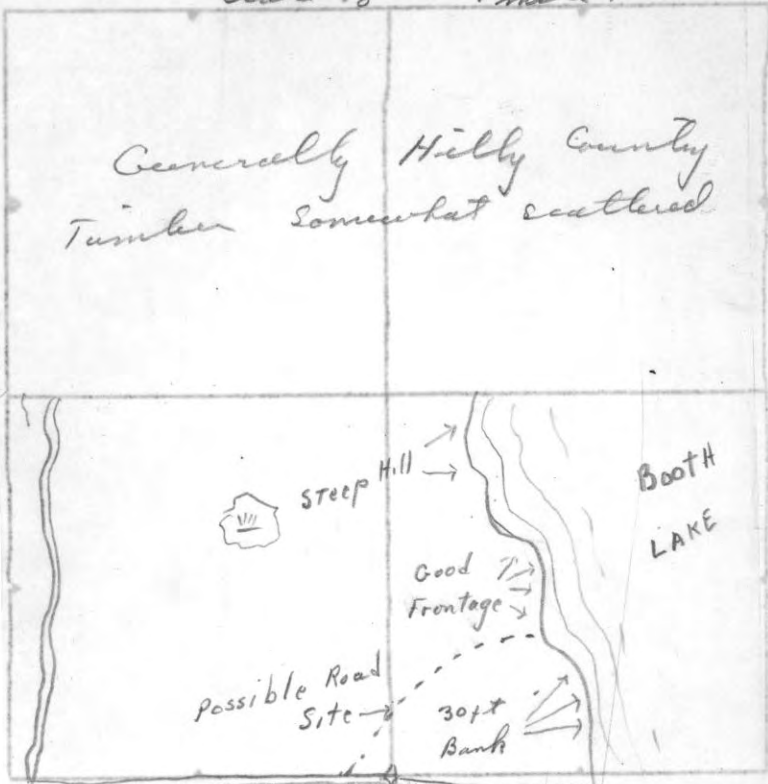
1/4 corner Timber

Hemlock	ST36 Ming:	1M	37M
Birch	7M	0	7M
Maple	500'	-	.5M
Oak	Management 500' plan:	-	.5M
Pine	1	-	1M
			<u>46M</u>

BK#7 PG 117

Scale 1/8" = 1 mile.

Generally Hilly Country
Timber somewhat scattered



T 39 N R 4 E Sec. 12

Desc. SE SE Sec 1 East of Town Road
SWSW Sec 6 on Booth Lake.

C.V. BRANHAM LUMBER Co. (CZ)

3-1-51

LAND MANAGEMENT MAP

CRUISE - HANNUM LAND

Acquired _____ from _____

PRICE _____ TAXES _____

Type History:

Hemlock	18,400
Birch	5,000
Maple	8,500
Cutting Record:	12,500
Pine	2,100
	<u>46,500</u>

Present Stocking:

Aspen	30 cords
Birch	100 "
Management	50 plan:
	<u>180 cords</u>

118

Hannum 3-1-51
NENE-1-39-4
Also Part Lot 3

119



Pop	3	WB	15
	35		10
	30		15
	15		40
	20		5
	10		
	100		85
	203		

Diamond Lake	100 cd. Pop. 12M Pine Spray	Tim	oak	YB	Hem	HM	Hem
		80	6M	1	2	2	8cd
		25	1	1/2	4	1	6
		20	1/2	1/2	2	1	4
		60	3 1/2	2 1/2	3	4	18cd
		70	4 1/2		2		
		255	18M	13			

Sand Rough
Good young
WB. Impl. oak
+ Popple
Reproduction

13M Pine (mostly Nor.)
3M y. Ber
4M N. Mpl.
18M Oak
13M Hem
5M Total
50M

203cd Pop.
85" WB
18" Hem
30 bcds.
250 Hd. Trees

120

PAGES 120-122

BLANK

(122)

ES1-081 23099
BRICK

265
265
330

468
19'

9/18/48 (123)

High Strenski's I ran $\frac{1}{4}$
line E-W across Sec. 33-42-9
@ 1°20'E. Var. - Inters. W. Sec line
68 ft. N. of Corner. $\frac{1}{4}$ Cor. Mon.

measured back 1325' - offset 5.51"
" " 1630 - " 5.34"

1320
56

1376
28

1348

~~70~~.85
66

510
561

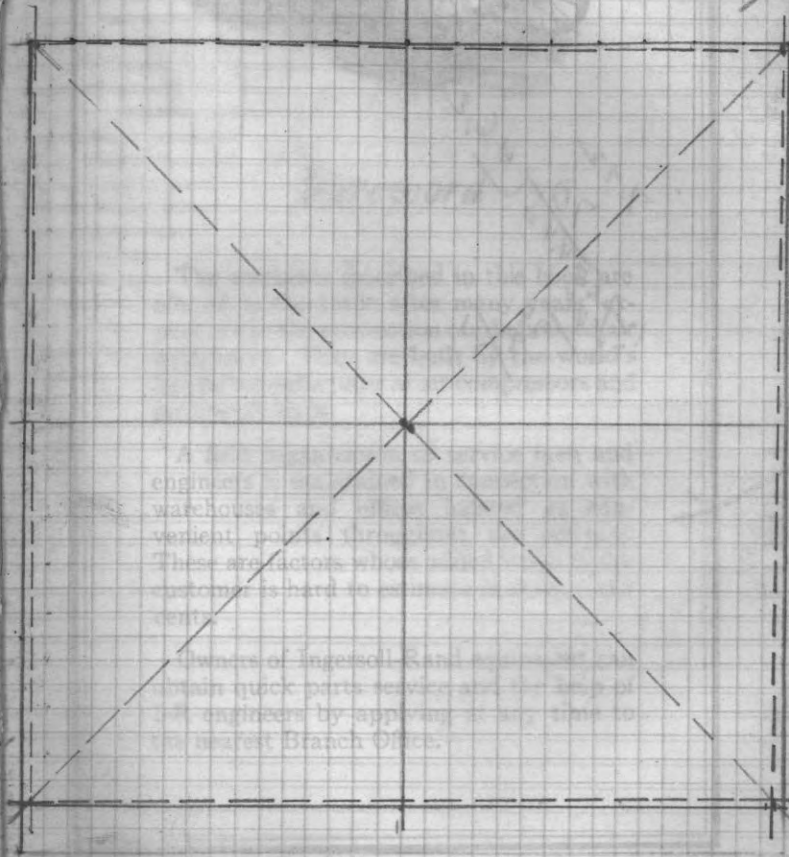
7.92
85

639
3260

1267
60

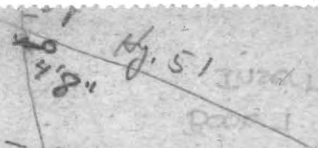
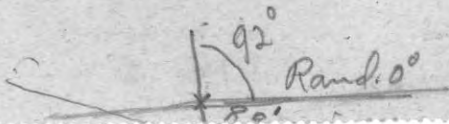
70

21



~~Write Joe Reach~~

Book 7
Insert



Book 7
Insert

$\frac{1}{4}$ E. Side 27

Book 7
Insert

Gustafson
13571

Book 7
Insert

Book 7
Insert

SATURDAY, JANUARY 15, 1949

Ew. Hansen and I ran North
Random line ^(3° E. Var.) betw. Sec. 25-26-38-6E
from ~~the~~ Cor. S. of Stott Creek N. to 2600'.
Across Suk at 1500' - Lv. Swamp
at approx. 1785'. Var. 3° E.

SUNDAY, JANUARY 16, 1949

Book 7 Insert

WEDNESDAY, JANUARY 19, 1949

F. Hansen and I continued rand.
line bet. Sec. 25-26-38-6E, N. from
2600' mark thru to approx. Cor. of
Sec. 25-26-23-24 - Did not find
evidence of orig. Cor.

Set picket at 4000' N. - Var. 3° E.

Weather Clear + Very Cold.

about 4 to 6" Snow on ground.

THURSDAY, JANUARY 20, 1949

Book 7 Insert

Book 7 Insert

FRIDAY, JANUARY 21, 1949

F. Hansen's I. Branham continued
measuring Rand. bet. Sec. 25-26-38-6
N. to 5280' -

Then ran E. Rand. to slough
(Rocky Run) mentioned in orig. notes as 7.86 E.
of true corner (519') - actual dist. 650'.
Set temp. approx. Sec. Cor. 131 ft. E. of
Rand. - No evidence of orig. or of B.T.S.
Connected back to set $\frac{1}{8}$ and $\frac{1}{4}$ Cor. $98'3''$ E.
and $65'6''$ E. resp. - Corr. Var. of Line $10'25''$ E.

SATURDAY, JANUARY 22, 1949

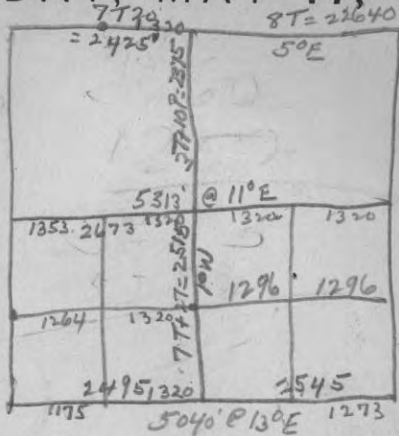
1035' E

Dep. 2,100 in 8,100
 $\approx 1025' \times$

Book 7 Insert

Book 7 Insert

TUESDAY, MAY 17, 1949



WEDNESDAY, MAY 18, 1949

1320' W of E $\frac{1}{4}$ bet. 17-18
to $\frac{1}{8}$ - 21 ft So. of

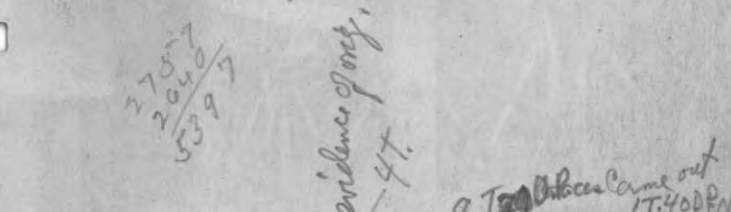
46 $\frac{142}{30}$ in h m

Iron spike in Rd, Road RR Bt. Post 21' N $48^\circ W$

Book 7 Insert JP. 5 $56^\circ W 35'$

THURSDAY, MAY 19, 1949

To run E-W $\frac{1}{4}$ line across 18-36-18
Start at unmarked Cor. at approx $\frac{1}{4}$ Cor.
betw. 17-18 - Run W. on Mag. Var $10^\circ E$
on Nor. End of needle.



FRIDAY, MAY 20, 1949



Book 7 Insert

Washburn Co.

Sec. 16-17-18-19-20+29-38-11

Sec. 7 - 39-10W

" 11+12 - 39-11 - Nothing but orig.

" 8+9 - 40-10

Sawyer Co.

Sec 7 or 8 - 39-8W

Sec. 1 - 41-8

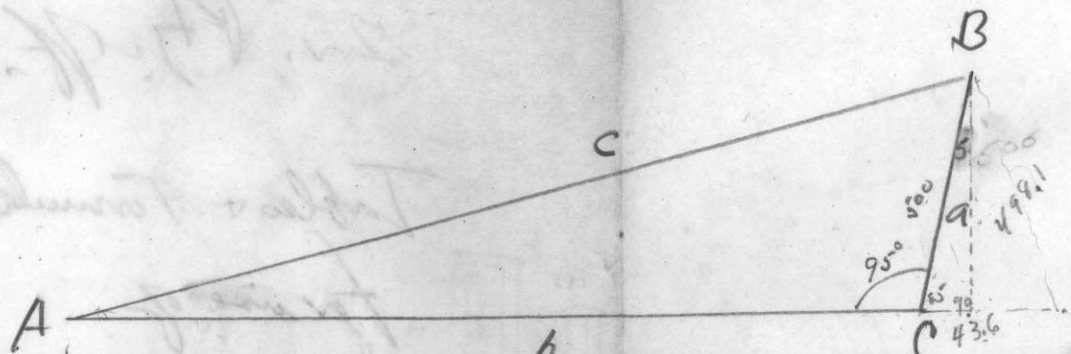
Douglas Co.

Sec. 13-14-23 - 43-10

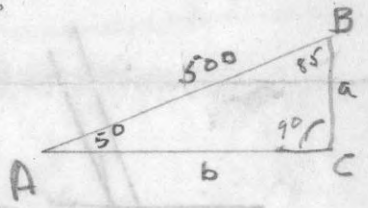
" 8 - 43-10

12	16	5
12	16	5
26	33	0

Book 7 Insert



$$\begin{array}{r}
 b \\
 5000 \\
 \underline{43.6} \\
 5043.6
 \end{array}$$



Book I Insert

Book F Insert

Gov. Puff.

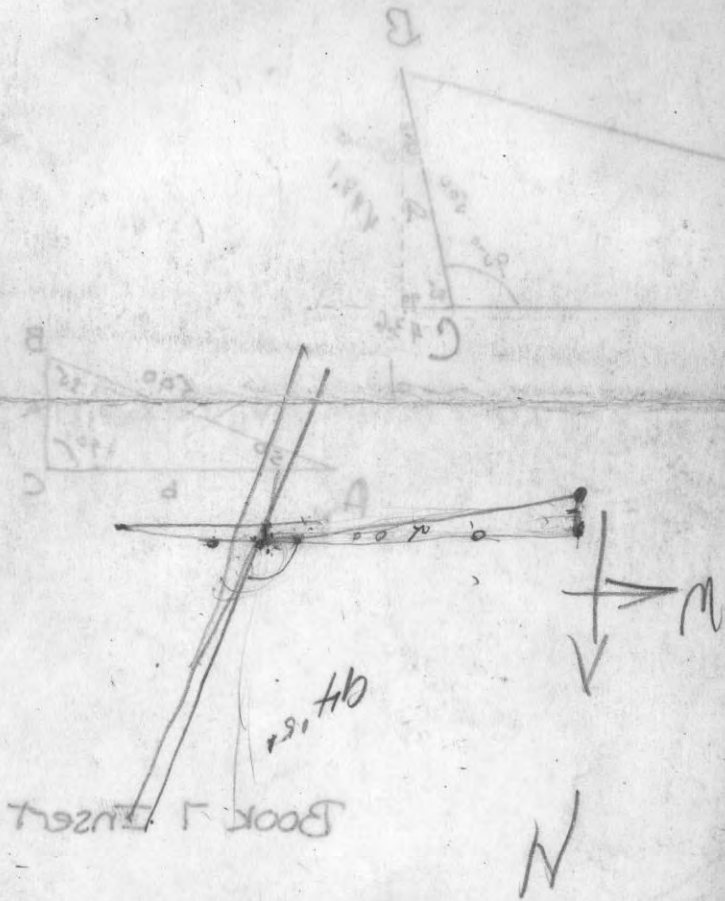
Tables & Formulas
for use of A

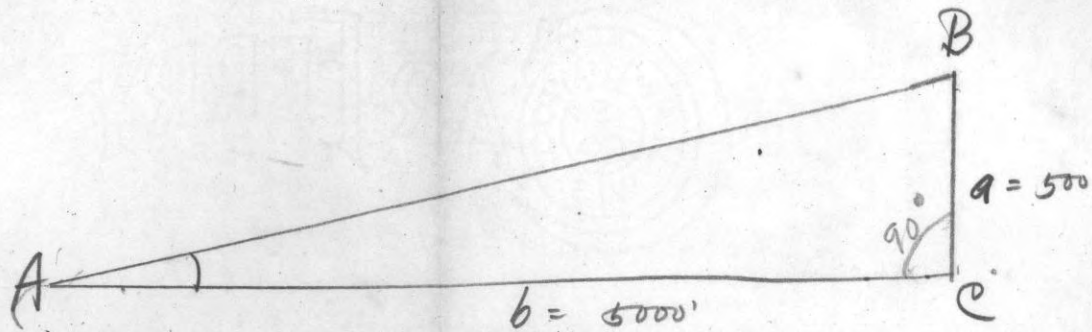
Surveyors on
Pub. Land Surveys

.0.75

1510
730
590
140
3170

Book 7 Insert





$$\text{TAN-}A = \frac{a}{b} = \frac{500}{5000} = 0.1 = \frac{5.043'}{50.000}$$

$TANA = \frac{a}{b} = \frac{293}{6} = .07373 = \frac{293}{6} \text{ or } b = 293 \div .07373 = 3974'$

$SIN 4^{\circ}23' = .07643$
 $TAN = .07665$

$SIN 8^{\circ}41' = .15097$
 $TAN = .15272$

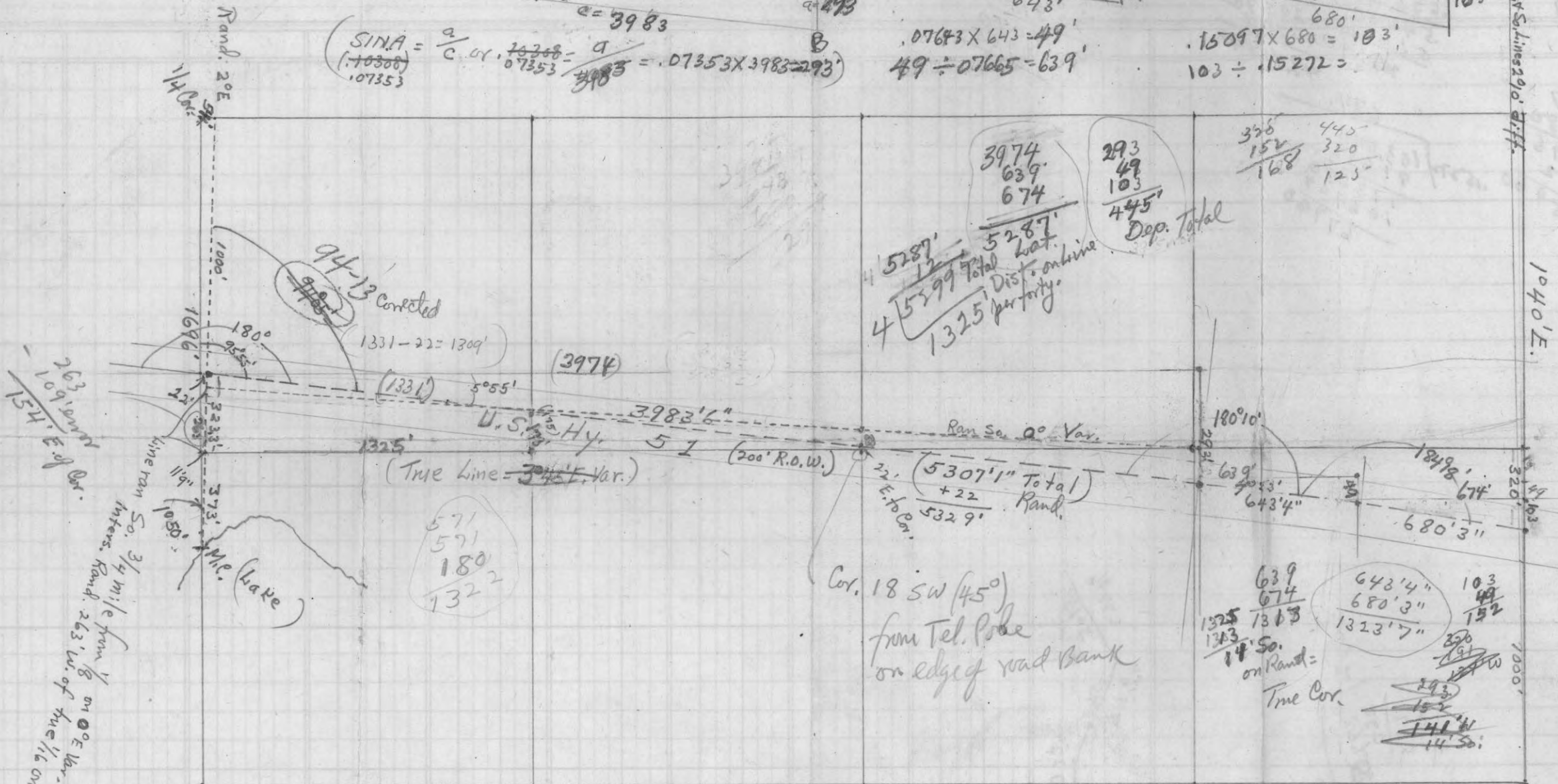
$\frac{4018'}{4033'} = 8041'$

$SINA = \frac{a}{c} \text{ or } \frac{293}{3983} = .07353$
 $.07353 \times 3983 = 293$

$.07643 \times 643 = 49$
 $49 \div .07665 = 639'$

$.15097 \times 680 = 103$
 $103 \div .15272 = 674'$

$\frac{1320}{320} = 1640$



Scale 1 in. = 20'

$\frac{323}{97} = 400'$
 $\frac{400}{5300} = .0792$
 $Tan = 154' = 03878$
 $3973 = 2475'$

$TAN = \frac{263}{3969} = .0664 = 3945'$ True line -
 $TAN = \frac{154}{3973} = .03878$

Tot. dep. for 5300' @ 4°13' = 390'
 445' - 390' = 55' { 0°10' @ 643' = 2' dep. } check
 { 4°28' @ 680' = 53' " }

BK#6 INSIDE COVER

107353
 3983
 22059
 58824
 66177
 22059
 292.86999

3974
 107373 | 293,0500
 22119
 71810
 66357
 54630
 51611
 2919048858
 49.14449

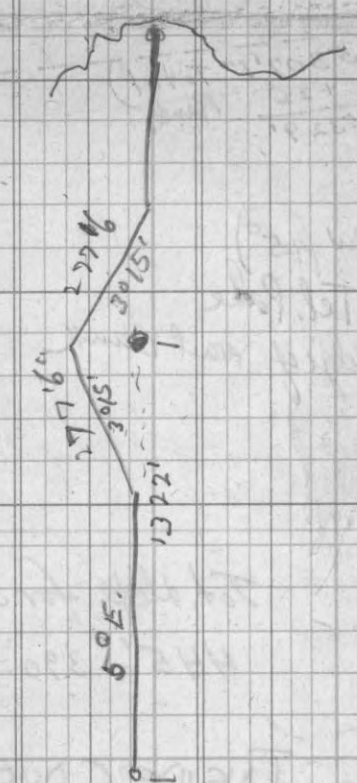
107643
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 048858
 49.14449

639.
 107665 | 49,0000
 45990
 30100
 32995
 71050
 68985

15097
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 1207960
 90582
 102.65960

674.
 15272 | 103,000
 91632
 113680
 106904
 67760

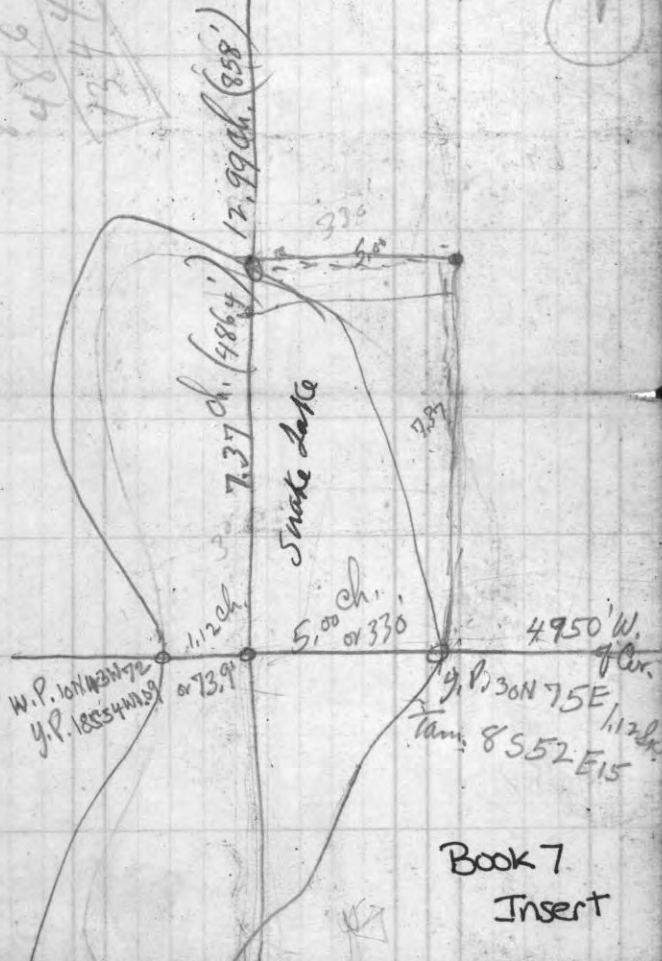
52
 277.00
 260
 175
 152
 190
 5-34



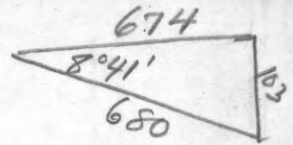
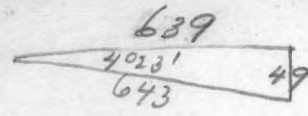
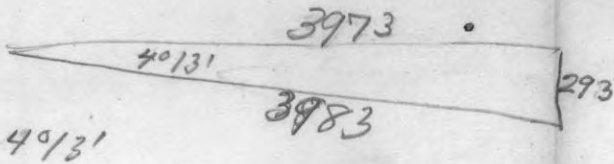
Y.P. 7 S 3 W 27
" 8 N 8 2 E 54



858
486
1734



Book 7
Insert



$$\begin{array}{r|l} 3890.00 & 2.72.00 \\ 82.80 & 5.79 \\ \hline 3972.80 & 277.79 \\ & +15.00 \text{ for } 13' \end{array}$$

$$\begin{array}{r} 3973 \\ 639 \\ 674 \\ \hline 5286 \\ 12 \\ \hline 5298 \end{array}$$

$$\begin{array}{r} 6384 - 44.6 \\ 3. + 4.4 \\ \hline 639 \quad 49.0 \end{array}$$

$$\begin{array}{r} 67340 - 944.60 \\ + \\ \hline 8. \\ \hline 103 \end{array}$$

$$\begin{array}{r} 370 \\ 20.20 \\ \hline 390.1 \\ 225 \\ 323 \\ \hline 548 \end{array}$$

$$\begin{array}{r} 293 \\ 57 \\ \hline 350 \end{array}$$

$$\begin{array}{r} 5300 \\ 3970 \\ \hline 1330 \end{array}$$

Total true line

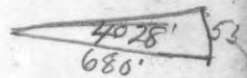
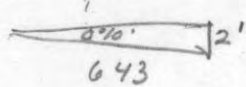
$$\begin{array}{r} 157 \\ -58 \\ \hline 99 \end{array}$$

$$\begin{array}{r} 1325 \\ 3 \\ \hline 4005 \end{array}$$

$$\begin{array}{r} 3973 \\ 445 \\ \hline 390.1 \\ 55 \end{array}$$

$$\begin{array}{r} 97.0 \\ 3 \\ \hline 291 \end{array}$$

$$\begin{array}{r} 263 \\ 87 \\ \hline 350 \end{array}$$



$$\begin{array}{r} 293 \\ 97 \\ \hline 4 \quad 390 \\ 975 \end{array}$$

$$\begin{array}{r} 323 \\ 97 \\ \hline 420 \end{array}$$

$$\begin{array}{r} 3975 \overline{) 154.000} \\ 11925 \\ \hline 34750 \\ 31800 \\ \hline 29500 \end{array}$$

(57)
 Book 7
 Insert

Book 7
Insert

4 380
d/15

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Book 1
Insert

Turnout
Book 1

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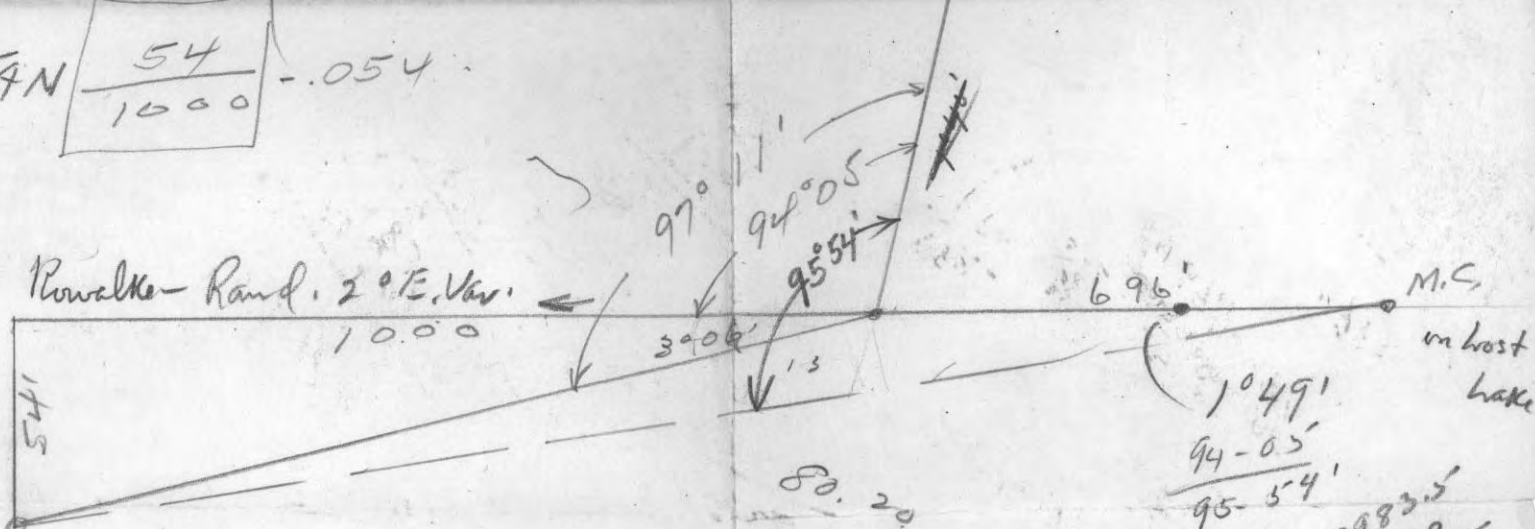
4 200

4 200

4 200

4 200

TAN $\frac{54}{1000} = .054$



$\frac{54}{1700} = .031769$

17 $\overline{)5400}$
 51

 30
 17

 130
 119

 110

$.031769 = \text{TAN } 1049'$

$\text{Sin } 10^{\circ} 22' = .17995$
 $\frac{680}{1439600}$
 $\frac{1079100}{122366}$

$\text{Sin } 6^{\circ} 04' = .10569$
 $\frac{643}{31707}$
 $\frac{42276}{63414}$
 $\frac{6805867}{398350}$

$\text{Sin } 5^{\circ} 54' = .10279$
 $\frac{39835}{10279}$
 $\frac{358515}{278845}$
 $\frac{79670}{398350}$
 $\frac{409463965}{68.06}$
 $\frac{122.37}{599.89}$

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$\text{Sin } 6^{\circ} 14' = .10858$

$\frac{3983}{432.47}$
 $\frac{323.30}{109.17}$
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$\frac{32574}{86864}$
 $\frac{97722}{32574}$
 $\frac{43247414}{71.68}$
 $\frac{126.26}{630.41}$

$\text{Sin } 6^{\circ} 24' = .11147$

$\frac{643}{33441}$
 $\frac{44588}{66882}$
 $\frac{71.675}{71.68}$

$\text{Sin } 10^{\circ} 42' = .18567$

$\frac{680}{1485360}$
 $\frac{111402}{126.25560}$

$\frac{1031769}{2295272}$
 $\frac{95307}{11849837}$

$\frac{1769}{2238306}$
 $\frac{199.94}{109.17}$

$\frac{18895}{2640}$
 $\frac{755800}{1133700}$
 $\frac{37790}{49882800}$

$\frac{199409}{3983}$
 $\frac{298227}{795272}$
 $\frac{9084691}{396946047}$

$\frac{199397}{298131}$
 $\frac{397508}{596262}$
 $\frac{63899411}{63899411}$

Book 7
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