

Sec 4 T37N R8E

R + 2 chain tape

Party Loftus Drivas Alexander Felsdorf

Random south from ³²¹³³ 3/4 Bearing
192°28' Mag. (along road)
39.94 Fall 26 1/2 Iks East of
1/4 corner

Random South from 1/4 betw.

5 & 4 Bearing S. 0°57'W

19.71 South 1/16 (on edge of road
corner)

BT Ta 6 S 30°E 18 Iks

Ta 6 N 57°E 44 Iks

39.72 closed out chainage 9 Iks

East of ⁵¹⁴ 819

Old corner & BT stump in place

New BT. Pr. 10 S 85°W 29 Iks

Pr. 15 S 20°E 24 1/2 Iks

BTs For 1/4 - lies in road

Sb 5 S 39°W 27 Iks

Sb 6 S 40°E 50 "

Corr Bearing S 1°05'W

Sec 12-13 T37N R8E

Loftus - Drivas Alexander Badgley

Jan 17 - 57

Random North from ¹²¹⁵ 3/4 Vaughans
Iron pipes East & West of road
in place

20.36 1/2 South 1/16

40.73 1/4 cor

60.87 North 1/16

BT O + B S 51°E 13

M + T S 87°W 32 1/2

81.01 Sec Cor ¹²¹⁷ 1319 Vaughans

given distance - 3 1/2 "

squared BW with location

marker T. Hoessler - P. O. Walt

8" Squ. Area

Set new corner

New BTs

Bu 6 N 68°E 19 1/2 Iks

M + 6 S 25°W 8

Corr. Bearing N 0°38'W

over - cont.

#1

INDEX

39-9 39-10

39-38-39

A large empty grid on the right page of the notebook, consisting of approximately 20 columns and 25 rows of small squares.

Sec 4 T38 R10

N. Smith
alone

1-11-50

Pacing E from S¹/₄ cor. of Sec 4-38-10

Decl. 5° E.

580 paces Out of swamp (2624 ft)

852 paces Sided Ab 3° as possible
corner location.

Walked to Dam on N shore Thunder
Lake. Ditch N from Dam bears 03° (M)

Pacing W (264¹/₂ m) betw. Sec 3 & 10-38-10

216 paces On lake shore W of ^{3 1/2}/₁₂

810 paces Trail NE-SW & coming into
heavier T.

930 paces No sign of S¹/₄

960 paces Into heavy T & Sb.

1050 paces 3 ch. S from Z. big Pn
on SW end of island.

1220 paces In small stand of C

1555 paces Logging road Nds.

1700 paces In small swampy spot
on top ridge. Cedars present.
Tch. Not old grade. No evi-
dence of old corner.

4-38-10

Compass line - Staff Corn. & Tape

1-12-50

W.S.

From N¹/₄ p. of S. 7-38-10:

Run E of 83° m (7° d. E)

Using 100 foot tape.

100

100 97¹/₂ Distances from Field

94 103

Notes:

98 99 N¹/₄ to E¹/₂ on N line 1278.4'

96 99¹/₂ N¹/₄ to NE cor. 2556.8'

102¹/₂ 94¹/₂

93¹/₂ 98

95¹/₄ 99¹/₄

97¹/₂ 96

99 1289¹/₄

104¹/₂ 1278¹/₂

94¹/₄ 2567³/₄ (Set Ab corner stake)

98¹/₂ -10³/₄ (in edge of swamp)

1273 2557¹/₄

5¹/₂ Set 40 corner

99¹/₄ (414 C stake)

96³/₄

102¹/₂

101

97³/₄ Out of swamp.

324 38+10

1-13-50 Staff Compass & Tape W. Smith

From SE Cor. S. 4 as set on 1-12-50,
running N on 7° E decl. Betw. Sect.

3 & 4

100	1374 ¹ / ₄	From ②	Run 90°	227.6'	
78 ¹ / ₂	94 ³ / ₄	Call this point	1852 ³ / ₄		
99 ³ / ₄	91 ³ / ₄	No of Sec. Cor.			
101	94 ¹ / ₂	Continue random at			
96 ¹ / ₄	85	0° (m),	2640.0		
99	94 ³ / ₄	91.8	96.4	105.6	
102 ¹ / ₂	31 ³ / ₄	95.4	103.2	96.0	
95 ¹ / ₄	1866 ³ / ₄ ②	92.7	105.6	97.8	
96 ¹ / ₂		96.8	98.7	100.0	
98 ³ / ₄		87.8	89.3	106.2	
96 ¹ / ₂		99.8	92.8	102.9	
100 ³ / ₄		94.4	89.4	50.8	
94		94.9	97.7	2299.4 ⑥	
95 ¹ / ₂		754.6	94.0	or	
1274 ¹ / ₄		+ 32.6	89.8	34.84 ch.	
- 54 ¹ / ₂		787.2	94.0		
1320 ①		1866.8	100.2		
		2654 0 ③	91.0 ④		
			90.8		
			104.2 ⑤		
			99.3		
			103.7		

2

① At Sta. 1341¹/₂ set an older stake
for S¹/₄ Cor on E line of Sect. 4.
Old log trail crosses - E-W here

② Total dist. N of Sec. Cor. 28.3 ch.
Blazed base of 12" T snag here.
At this point it became apparent
that 07° E was not on this Sect. line.
The present Sec line bears about 0°
decl. The departure from the Sect.
line would be $28.3 \text{ ch.} \times 11.5 \times 7^{\circ}$
 $= 227.6'$ The corrected dist. N of the
Sec. Cor. would be 1852³/₄

③ At 2640' set stake for ¹/₄ Cor. No
sign of ¹/₄ Cor.

④ E of the Creek at the bend.

⑤ Crossed Creek.

⑥ At this point I am 51.6' E of
the Sect. Cor. departure amounts
to ¹/₂".

The East line of Sect. 4 then
bears N at $0^{\circ}34'$ E decl. and is
94.8 chain's long.

3

4

Continued from p. 2

Field Notes show the line betw
3.4 to bear 7° E decl. and to be
72.0 ch. long. Apparently the NE
Cor of S.4 is not in the original
location. Will throw the 2.8 ch. of
variance ($74.8 \text{ ch} - 72.0 \text{ ch}$) into the
N. fork of 40s and leave $\frac{1}{4}$ cor as
set. The $\frac{5}{16}$ cor on E line of S.4
will have to be moved at $86\frac{1}{2}^{\circ}(M)$

$20 \times 1.55 \times 7^{\circ}$ to $161.7'$ minus the correct-
ion for departure of the 0° line

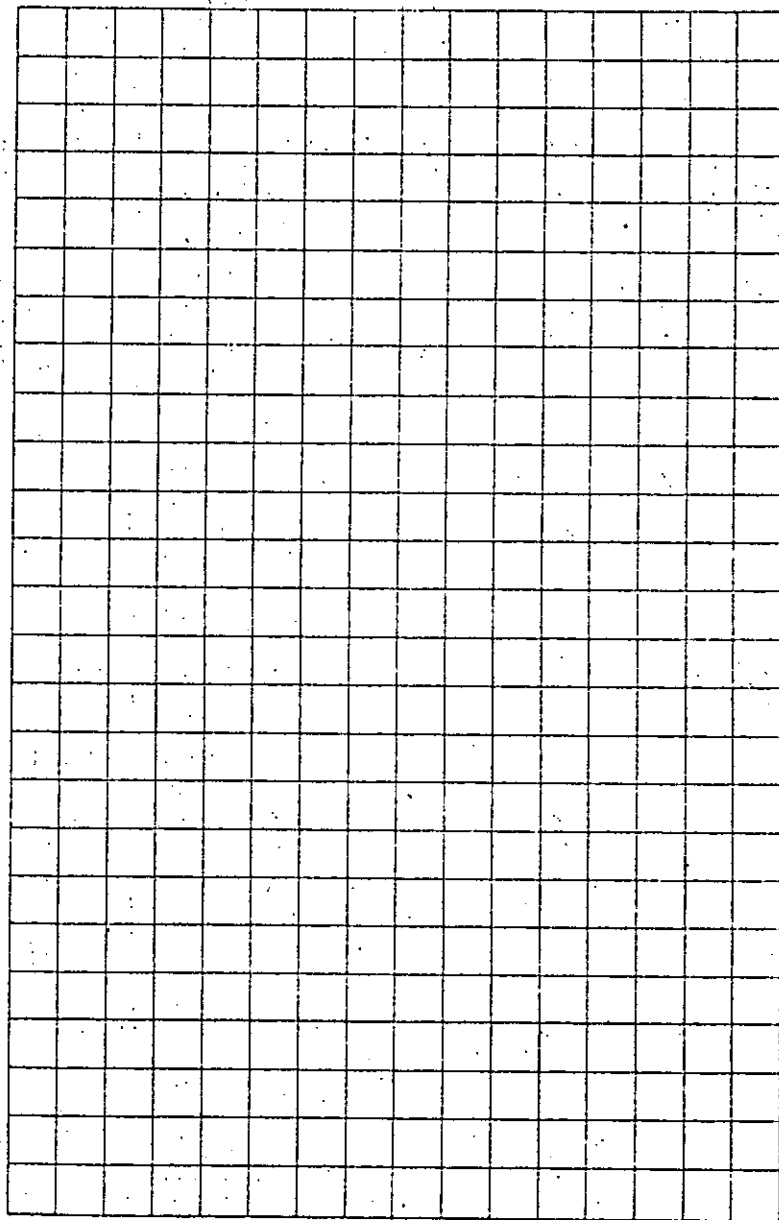
$51.6 = 74.8 = 0.689'$ per ch. $\times 20 = 13.8$

Move $\frac{5}{16}$ cor on E line $161.7 - 13.8 = 147.9'$
at $86\frac{1}{2}^{\circ}(M)$. Set T stake $4 \times 4 - 6'$ in
Alder swamp.

Moved the 40 ch. stake (E $\frac{1}{4}$ cor of S.4)

$40 \times 0.689 = 27.560'$ west.

6.



6

6.

53-38-10

1-18-50

W. Smith - alone

From S $\frac{1}{4}$ cor (set-1-17-50) running		
E at 0° decl.		
100.3	1-19-50	Continue
87.1	1076.4	1-19-50
95.5	94.8	From the $\frac{1}{4}$ cor in
99.8	103.0	center SW ⁴ S. 3:
96.9	92.4	Run N (359°30' m)
93.5		for 20.0 ch.
96.4	1320.0	Continue 100.9
102.6	104.9	105.3
114.0	98.1	105.5
93.2	101.1	98.8
95.1	97.0	104.4
1076.4	97.4	99.0
	97.8	101.3
	13.3	96.8
	1929.6'	97.4
	29.24 ch. ③	100.8
		94.7
		95.5
		97.1
		1299.5
		+ 20.5
		1320.0' ⑥

4.

- ① Out of swamp - on island.
- ② At 1320' set a small stake & blazed a balsam. Center to cor of SW⁴.
- ③ Into swamp.
- ④ Back onto a point of the island.
- ⑤ At edge of T swamp - marked a F. 5" obh. w 3 blazes & an "X".
Dis. continue line here for present.
- ⑥ Set 4"x4"-5' Cedar stake in swamp. Turned here and went W (0° decl) cutting line but not chaining. Line just misses island on N side. Did not tie in to Sec. Line.

7

8

S. 3 - 35-10

W. Smith
Alone.

1-20-50 Staff Compass & Tape

From point ⑤ of 1-18-50 on page 4.

1929.6 ①

100.6

102.5

102.4

99.5

94.0

98.7

100.0

2632.3

+ 6.7

2640 ②

9

5

① From this point - continue E at 0° decl.

② At 2640' set 5x5-5' tamarack post in tamarack swamp.

③ From point ①, run N at 1 1/2° (W) not chaining. Line just clears the island.

10

SEC 7, T27N R10E 4-11-5

Started at + rows marking cor
of $\frac{3}{4}$ (3-10) walked W - road bearing
270° (m). From E edge small field on
N. side of new road, paced 493 paces
270° (m). Fell on corner. WP 3x3 - 2'
scribed S 7 S 8 S 17, S 18.

BT Pj 6 S 80 E 4 1/2 kts.

Walked Nly to locate E 1/4 of S. 7, by
means of photo. Found cor. WP-
3x3-2', scribed. Concrete post alongside.

Orig. RT is P. Stamp 17" N 2 1/2 W 10' dist.

Ran W 2 1/2 E decl. - not chaining as

a road marks the N-S 1/4 line. Came

out on road about 360' S of where

photo indicates + to be. Looked

for old marks. Found old fence cor.

where photo indicated + to be.

Ran W on fence line to locate 1/4 cor.

At 125 paces, fence v. cor. SW. At 523 paces

did not find 1/4 cor. Cont'd W @ 2 1/2° E decl.

At 1245 paces, fell 145 paces S of W 1/4 cor.

145 x 3 = 435' = 4 1/2 = 9 1/2°. Decl. should

be 07° W

Cont'd.

67

From W 1/4 Cor. 7, 1 1/2 m E, bearing
at 07° W decl. found cor. bearing - too
windy for staff. At 523 paces - no sign
of 1/4 RT. At 1052 paces came into
road 150' N of fence corner. Correct
bearing - if this line is straight - would
be $10 + 4 1/2 = 2 1/2$ ° correction. New
bearing would be at 10° W decl.

Running from E 1/4 to W 1/4 at 2 1/2° decl E
would result in finding 360' + 435' = 795'
S of W 1/4 $795 \div 92.4 = 8 1/2$ ° correction
W decl. $8 1/2 + 2 1/2 = 6$ ° W decl. would
be corrected bearing

From fence cor. assumed to be W,
run E (decl. 6° W) and compass - too
windy for staff. Fell 1/4' N of E 1/4
Cor.

12

4-12-50 4-14-50	Comp 24-11-12	Topo Random	also S BETW
	SEC. 11	12	T37N R9E
1.99	20.00	4-14-50	Continuing from
2.11	1.86	40.75	S (1 1/2° E decl.)
1.91	2.02	40.75	60.07
2.07	1.98	1.93	1.91
1.94	1.89	1.90	2.01
1.98	1.46	1.97	2.09
1.96	1.93	2.05	1.94
2.00	1.92	1.99	1.91
2.00	1.99	1.88	1.89
1.98	1.99	1.98	1.91
19.14	2.03	1.92	1.95
06	1.92	2.00	1.95
20.00	40.77	1.97	1.83
At	-34	60.34	79.46
20.02	40.75	-1.27	-1.26
put	at this	60.07	78.20
1 1/2 x 6"	post	on 1 x 5"	Fell 2.02
blaze	2' x 6"	blaze on	3.08 1.06
4' X"	blaze	1 1/2' T,	East 3.08
on W	W side	cut +	of the
side of	5" F	on N	Cor.
3' F.	w/ 2	side	11/12
	X/2		14/13
	Tree		
	is on		
	line.		

13

4-14-50

4-13-50 SEC 11 T37N R9E 7

Field Notes.

12-18-97 Vaughan - SEC 11 SE COR
OK Run N (var. 2° E) at 45.18 feet 0.35
W of 1/4 post. Corrected S 1 set 1/3 post.
N from 5/4 post (var. 4° E) 77.59 feet
4.74 W of N 1/4 post. Correct bry. var 32° E
11-18-96 Vaughan: correct var. for W line
SEC 12 is 1025' E. distance 78.36 ch.
E 1/4 p. ST T 13 N 52° E 38.74
P 2 1 1/2 S 11° W 4.74
SEC 11 BT P 12 S 15° E 12.75 P 12 N 32° E 16.74
N 1/2 on E line BT T 14 S 12 3/4 W 15.74

From source side measured on 11-12
T37N R9E ran S (decl. 1 1/2° E) clearing
random 11 AM. Got hit into corner.
Swamp - returned for signs & marks. Contin.
after lunch 3:30 PM 11-12 S of 2 1/2
11-12

Vaughan - 2-18-97 From SE Cor. 11 Run
N (2° E var) Set 1/4 post at 38.80 ch.

4-14-50 3rd Fell 3.08 E of Cor. 11/12
37-9. Corrected line should be.
2 1/2' W & decl. would be 1/2° W.


14

Dist.	W. 1/4	W. 1/4	W. 1/4
4-15-50			
① 82°(m)	② 97°(m)	③ 80°(m)	
1.87			
2.05	1.94	1.53	
2.01	1.86	1.90	
2.11	1.97	1.87	
1.98	1.94	0.66	
1.94	1.94	5.96	
1.95	1.97		
1.92	1.88		
1.96	13.50	At this	
1.90		point,	
1.06	Point fell 0.79		
19.75	0.07 N	N of	
		Point lies of a 6' corner	
		line of Ag tree $\frac{21}{1112}$	
		road on nearest The point	
		line betw to the is on line	
		a clear road & betw two	
		ch. 5' S 7 posts 5 1/2' Ag	
		sides of E of & 0.85	
		road & a Youngs' W of	
		razed ch. fancy the E	
		1/2 N side pole tree.	
		of road. gate:	
		2"x2"	
		blaze	
		on N side	
		tree	

SEC 11 T. 37 R 9

4-15-50

8

Dist: SE cor to S 1/4 = 39.86 ch. on
by
Dist: S 1/4 to N 1/4 = 77.59 Brg. 3° E
Dist: SE 1/4 to NE = 78.36
W line (Hwy 17) bears 0° (m)
N line bears 85° + 1° = 86° (m) (From photo)
Starting from a point 0.69 ch. at
351° (m) from the W BT of the N 1/4
cor. of Sec. 11, running along the
road at 82° (m) a dist. of

Bearing of N line Sec 11:
By photo: 86° (m)
By traverse & scale drawing: 80° (m)
By " & trig.
Length of N line Sec. 11: from N 1/4 to NE cor.
By scale drawing: 39.75 ch.
By trig: 38.86 ch.

4-17-50

W. Smith alone

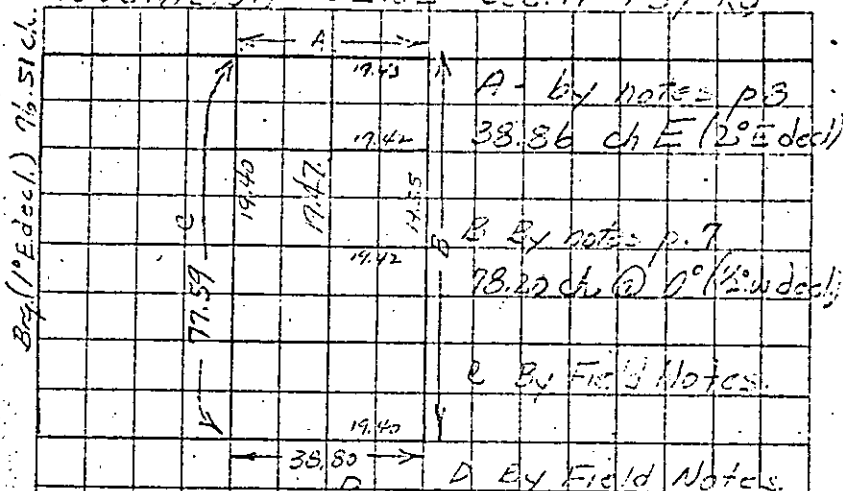
11 Sec. 11 T37N R9E
 From pt. 20.02 set N (at 1 1/2° E decl.)
 to pt. 19.55 (0.47 ch), then W (at 1 1/2° E decl.)
 0.77 ch. and set N 1/4 on E line of Sec. 11
 (2" alder stake), Tam. stp. 30 lbs, S
 of stake, thru bush for summer to
 identify the old corner.

From N 1/4 on E line, run W (2° W decl.)
 to establish lines of SENE SEC. 11

W		
1.99	3 PM.	From corner just set (NW
2.06		cor. of SENE, run S (1/2° W
1.92		decl.) // with the E line of
1.94		the sect. Contd - 4-18-50
1.97		S
1.83	1.94	At 19.47 set a 3°
2.04	1.94	mp post 4' high for
1.98	2.00	the SW cor SENE.
1.98	1.88	Raining hard.
1.98	1.96	Run 05 (2° E decl.)
19.84	2.02	to swamp, about
-42	1.85	5 ch.
19.42	2.03	Did not tie my
At this point	1.85	SW cor SENE in
set 2" stake	1.89	w/ the E 1/4 cor.
10 @ 10' from 6"	19.26	because of rain &
rod 42 E from	+ .11	deep water in swamp
E side of road.	19.49	

4-17-50

Submission SENE Sec. 11 T37 R9



Finished at noon, 4-18-50.

5-8-50

SEC 7-37-10

Chaining W from E $\frac{1}{4}$ post:
748 along random

0.00 E $\frac{1}{4}$ post

7.30 offset 3.52 ch. S (07° w decl.)

27.28 Flooded Creek. Set 2 $\frac{1}{2}$ " cherry
stake 0.10 W of 5 $\frac{1}{2}$ Sb.

0.50

2.00

CREEK

2.00

CROSSING

1.31

5.81

128.09 Picks on W side of flooded Creek

42.35 stake on W shoulder of road

Sec. 15 $42.35 + 41.26 = 83.61'$ from
W $\frac{1}{4}$ to E $\frac{1}{4}$. Vaughan's notes (10-28-95)

showed 85.34. Shortage of 1.73'

Vaughan's $\frac{1}{4}$ was 42.92 E of W $\frac{1}{4}$ post.Our $\frac{1}{4}$ by proportion, would be42.06 E of W $\frac{1}{4}$ post & 1.77 N (at
5 $\frac{3}{4}$ ° W decl.) from our random.

$$85.34 \div 4 = 21.335$$

$$83.61 \div 1.9879 = 42.06$$

21

5-8-50

SEC 7-37-10

11

Took canoe across Creek
& continued random E at 07° W
decl. On top of hill, offset
N (at 07° W decl.) to put us on
line w/ corner which was visible
across an opening. Corner
is 6" x 6" - 10" concrete post
w/ brass cap. Set by Hill
in 1933. Orig. BT is N 26 W 9.9'
w/ 4x4 Sb alongside Conc. post.
Continued line w/o offset would
have fallen 3.52 S of Corner.
3.52 = 2 $\frac{1}{2}$ ' at 1 mile
Corrected bearing is 4 $\frac{1}{2}$ ° W decl.

From stake on W shoulder of road
went N at 5 $\frac{3}{4}$ ° W decl. for $\frac{42.06}{85.34} \times$
3.52 = 1.77 ch.

opposite
Came out a fence cor. but in
road. Found remains of large P
Sb 0.43 as set by Vaughan.
Squared up a 6" aspen which
bears 86° and 0.16 dist from
the corner location of E across the
road from old fence corner.

22

5-8-50

S 7-37-10

12

$\frac{1}{16}$ betw. W $\frac{1}{4}$ and $\frac{1}{2}$

$\frac{1}{16}$ cor. would be $41.11/2 = 20.55$ — Error: After correcting calculations on p. 11, this corner would be $41.25/2 = 20.63$ from the W $\frac{1}{4}$ cor.

Back on random from $\frac{1}{2}$. At 20.55 E of W $\frac{1}{4}$ cor, moved N at $53\frac{3}{4}^\circ$ w dec. for $3.52/4 = 0.88$ Set $\frac{1}{16}$ cor., a 3×3 - $2\frac{1}{2}$ ' squared pitch post beside a 5" F tree.

About 0.95 E of this stake is a random coming in from the north.

On the $\frac{1}{2}$ cor., the corner, projected out by Vaughan's Notes would lie 0.65 E ($4\frac{1}{2}$ ' w dec) from the \square aspen. However, because of the road & the remains of a large pine, as well as the fence corner, we assume the corner in the road at the \square aspen. To throw the corner E 0.65 would put it in a swamp. The original was on high land.

23

24

sim. - alone.

5/11/50

SEC 10 - T37N R.8E

- Running out E line of N²S¹⁰ Sec. 10 -

From E 1/4 cor. on S line Sec. 10

(an established corner) run N

to center 1/4 of SE⁴ for bearing &

distance, then on to 1/4 betw. $\frac{1}{4}$ and E 1/4 post.

Trial Bearings

000 1/2° (M)

1.94

2.01

1.85 - 15° S of E

2.11

1.91

1.53

2.06

2.00

1.45

② To 1 1/4" d. junberry
stake at edge of
swamp (1' high)

25

T37 R8

13

① Road bears 268 1/2° (M) from
E 1/2 on S line.

② Swamp full of water. got
bearing only. Distance
not necessary for planting
control.

③ From the 1/4 cor. betw. $\frac{1}{4}$ and E 1/4 post,
or the SE cor. of NE²S¹⁰ (4" iron pipe 1'
high - BT $\frac{11}{16}$ 100° right to line
20 1/4 255° " 20 1/4 marked 1/8 S BT
Run at 000 1/2° to swamp, brushing line
for planting control.

④ From cor. ③, Run 265 1/2° (M) (continu-
ation & refreshing of old survey line
along S line of NE²S¹⁰ to N¹S¹⁰ River
for planting control. The line here is
obscured - a picket line lies about
50 S of the cutting line. The picket
line bears 270° (M) and is not a survey-
ors line. Continued to River. Found
a 6" Pin in about the right location.
Apparently marked by surveyor. Need
this as a corner & run back laying string
for planting control.

should run these lines out this winter
when ice is gone

26

51250

Smith - alone

SECT. 9-33-10

To NW of ② - go 1.37 N to try to locate Vaughn's random. From this point, ran W (45° S. E.), chaining but not cutting line, started at

2.18 Vaughn's 38.74 point

2.38 At

2.01 46.38 came out of swamp. ①

1.87

1.96

0.94 10.40

0.92 +1.36 ② Vaughn's 50.00 point

0.90 On high ground as in Vaughn's Notes

1.83

1.94

1.78

Cont'd.

35.87

1.55 58.00 ③ 1.92

1.85 In swamp. 0.95

2.00 ④ 38.74 ⑦

2.09 38.74

2.29 67.00 ⑤ 77.48

2.09 Highland.

1.61

1.81

Running S from ①

1.87 1.90

35.87 .84

+2.87 274 ⑥

27

14

① I must be a little north of Vaughn's random now.

② It is apparent at this point that Vaughn's random must be about 100 S. of mine.

③ At this point I entered the swamp. This would be Vaughn's 58.00 from NE Cor. Sect. 9.

④ at 67.00 crossed Comp 5 Fil.

⑤ At Vaughn's 67.00 out of swamp.

⑥ At 77.48, Vaughn was 2.74 W of the corner.

⑦ At this point fell 90.13 E of a random running S. from the white post supposed to be the Cor. $\frac{574}{274}$. From here, ran S 2.74.

⑧ At this point, I a 3" cherry I searched for evidence of corner. I buried hard-stumps, etc. found no evidence of corner.

28

Chaining E (45' decl. E) from corner
to cut point to d of random.

1.89		1.9 degrees (1°54')
.76	140	2.65
2.65 ch. ①		
1.75 lbs/ch/°		
2.65		
875		
1550		
350		
46375 ②		

Chaining from NE Cor. to SE Cor.
Sec. 22 = 82.44 ch
Set marked pickets at 20, 40 &
60 ch. from NE Cor.

Starting from 1514 a good corner
and running 22123 5 on a 7 1/2°
E decl. (from Dore's Notes 12-18-91)
to determine the lines of SESE
Sec. 22 & check on SESE
cutting line in SUSE 22.
Original E'ly was 3/4 ch. 8 N 33 E 13
& was to 40 from NE Cor.

- ① Deflection, E from corner. Line to
be corrected 1°54' or decl. to be
changed to 2 1/2° E.
- ② Move interception of random & line
from corner south 0 1/2 ch. to change
line from corner to 3 1/2° E decl.

Chaining N from S $\frac{1}{4}$ Sec. 22
to $\frac{1}{4}$ of random (N on $10^{\circ} 34'$ E decl.)
Came out 1.23 N of corner.

176 degrees = $1^{\circ} 46'$

To 1.23

70

230

49

100

Feeling of S line Sec. 22 is on
 $11^{\circ} 46'$ E decl.

Chaining W from rock mound at
SE Cor. Sec. 22 to S $\frac{1}{4}$ post
of Sec. 22 distance 32.60 ch.

Returns to set E $\frac{1}{16}$ on S line
Sec. 22 of 16.30 W of rock
mound $\frac{1}{16}$ S of random.

33

32.60
M 114 (1000) ... SEC. 22 T. 21 R. 25
9-21-50 17

Starting from the rock mound
accepted as the corner of 22.23
and running a random 27.26'
west at 10° E decl. to intersect
the S $\frac{1}{4}$ cor of Sec. 22. About 2 ch.
out, found Langenbach's line about
 $\frac{1}{2}$ ch. S of my random. At about 20
ch. out, Langenbach's line still $\frac{1}{2}$ ch.
S of my random.

S $\frac{1}{4}$ Cor of Sec 22 is on top of
a flat about 6 ch. W of the creek
& on the ledge of the brush & after
the mound of 6 stones, w/ 3 BTs
(pine stumps) mark the corner. These
are not orig BTs but appear to.
BTs ARE:

Pine Stump	13"	69° ($11^{\circ} 34'$ E decl.)	20
"	"	9° ($27^{\circ} 3'$ " ")	29

34

From SW cor. \pm N at $2^{\circ}10'$ E decl.
 20.41 (No evidence of Dorris Corner
 or Town RT. Burned Maryland).

Corrected this corner 32' west
 to cor. to $3^{\circ}14'$ E decl. and agree
 w/ Dorris notes, etc. (A)

From this point (A), ran E (12° E decl.)
 16.80 to cor. of SWSE (B)

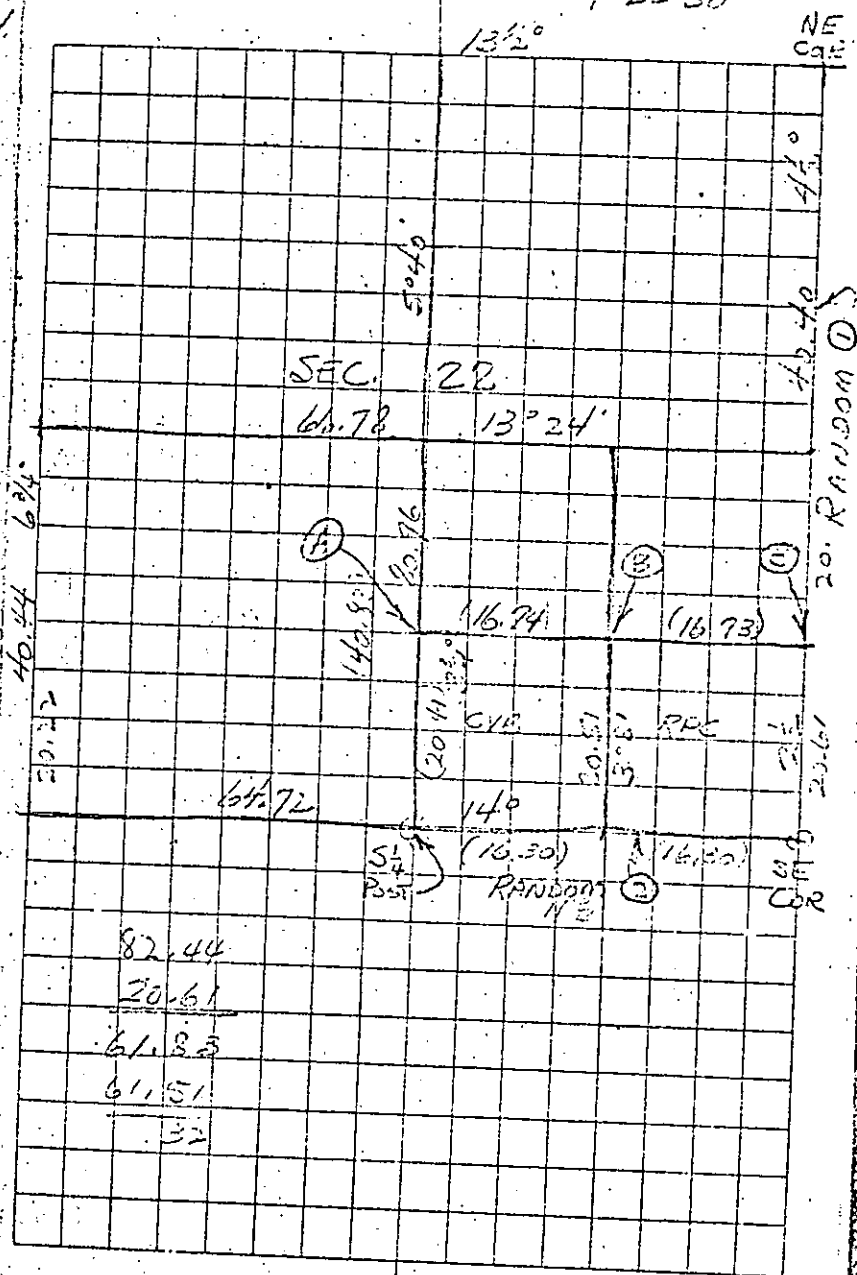
9.25.50 SMITH & BRAHAM
 Ran from (B) E (12° E decl.) 18.67 ch.
 to RANDOM, intersected random
 61.51 S ($4^{\circ}12'$ E decl.) of NE Cor.
 and $(82.44 - 61.51) = 20.93$ N of
 SE Cor.

From a point 20.61 ($82.44 \div 4$)
 N ($4^{\circ}12'$ E decl.) from SE Cor. & on the
 random, ran W ($3^{\circ}12'$ E decl.) a
 distance of $\frac{3}{4} \times 2.65 = 1.98$ ch. to
 the location of $5^{\circ}14'$ Cor. on E line.
 This location was taken to be
 correct - it fell 0.13 W (12° E decl.)
 from our 1680 point (16.80 E of
 of (B). Cont'd P. 18

35

SMITH & BRAHAM

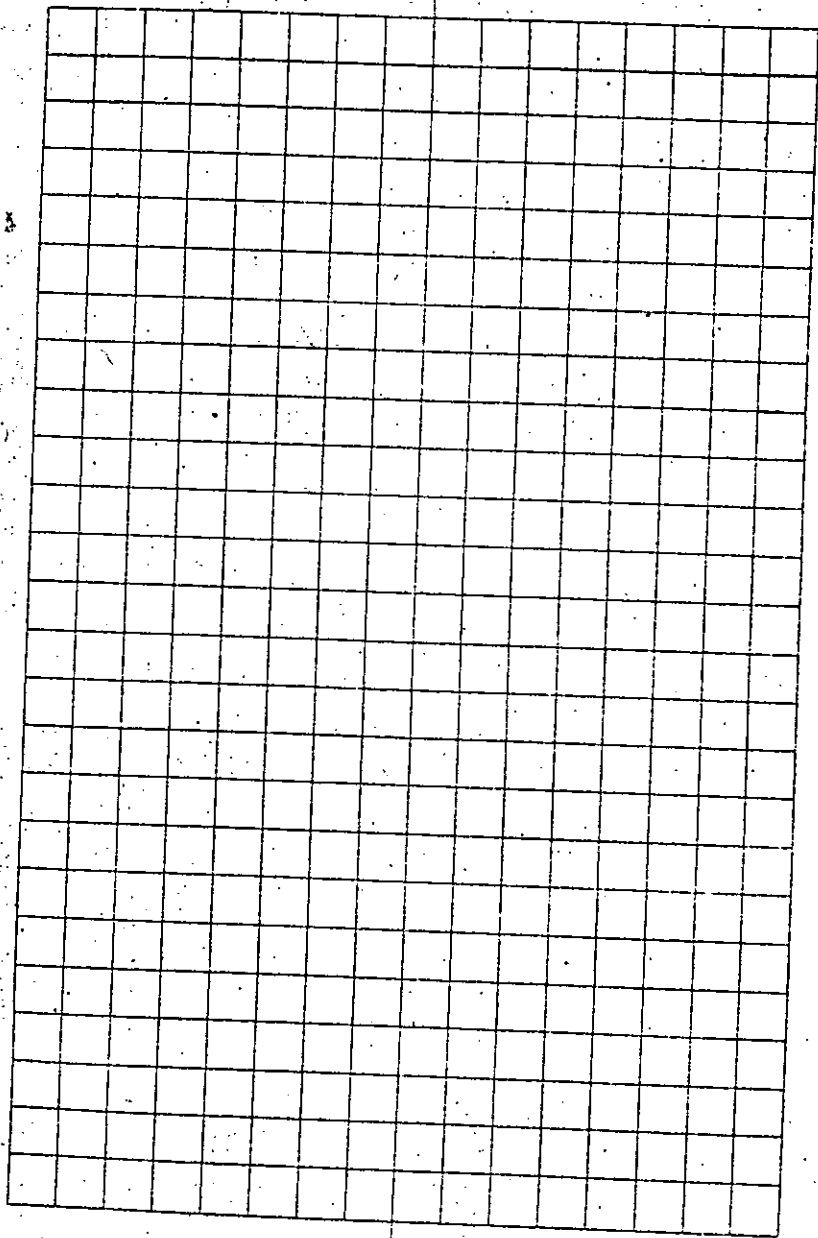
9-22-50



Return to Birt (2) & move this corner 0.065 W (12° E decl.) to be the NE cor of SWSE.

From new point (2), run S ($3\frac{1}{4}^{\circ}$ E decl.) 20.51 came out exactly on line 0.61 S of my Random (2) but 0.28 E of the midpoint of Random (2). Moved 0.28 W ($11\frac{3}{4}^{\circ}$ E decl.) & set a 5x5'-4' pine stub for SE cor of SWSE. Returned to (3) blazing cutting line.

I will stump all wood out on our lands, for having the piled wood as well as possible, agreed w/ Brandon.



3-27-50

T. 38N

T. 38N R. 10E

19

FIELD NOTES SEC. 9 & 10 R. 10E

ORIG.

W. betw Sect. 9 & 10 Var. 6°30'E

19.80 L.L. Lake set MP

T. 8 N42W 26

Sb. 6 S70E 16

40.00 Set 1/4 Post.

C. 10 S34W 29

C. 10 N81E 34

80.00 Set ⁴¹³/₉₁₀ C. 10 N40W 33

C. 12 S47E 9

E betw Sect 9 & 16 Var. 5°15'

40.00 Set 1/4 Post. B. 20 N30E 20
MP. 8 S67W 8

62.00 Enter T. Swamp.

76.50 Set MP T. 6 N20W 48

T. 6 S15W 37

N. betw Sect 15 & 16 Var. 6°30'E

12.20 Birch 14" d.

40.00 Set 1/4 Post. B. 14 S31E 15

H. 16 N42W 12

56.92 Set MP B. 16 S21W 16

B. 10 S50E 27

39

1-5-04 BFDORR

SW Cor. 15 (S°E) H. 20 N20'E 10 1/2

C. 12 S14 1/2 W 23

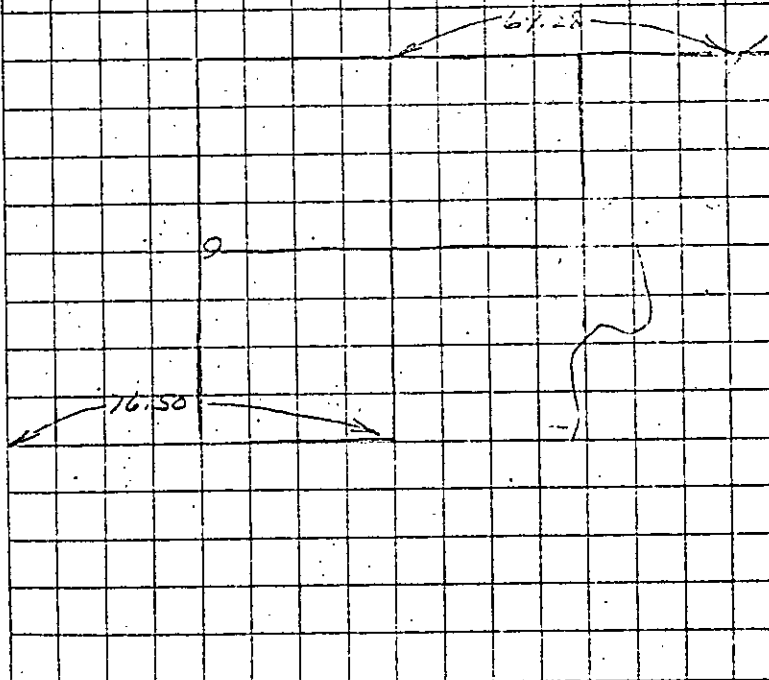
SW Cor. 15 North

N (-3 1/2) 83.60 Var ESE V (-5 1/2°)

S 1/4 P. Sec. 15 H. 6 S80 1/2 W 21 1/2

H. 8 S27E 19 1/4

1-22-05 DH VAUGHAN SEC 9-38-10

NE Cor. found N trees ok. See elsewhere
for these notes.

40

3-20-51 SEC. 23 T. 37N R. 9E

From $\frac{1}{4}$ cor. betw. $\frac{1}{4}$ 23 and
 E $\frac{1}{4}$ cor. run 61° (m) 20.15 ch.
 to ctr of $\frac{1}{4}$ 24* Run W at 272°
 20 ch.** then N at 0° (m) 20.30
 ch. to check for possible trespass
 from last winter.

* Squared a 6" dbh Sb here. In
 edge of swamp among
 young F 2" x 6-12'.

** Set $1\frac{1}{2}$ " T picket in open
 alder swamp surrounded by Pn.

At the location of N $\frac{1}{4}$ post
 of Sec. 23, \square a 2" Pw stub
 on steep F knoll on N edge
 of small swamp w/ one
 black ash 14" dbh.

There was no sign of trespass
 anywhere along our lines.

Sheldon and Loftus

Snowshoes - Compass and

Jan. 29, 1952

Pacing

11/12

14/13

T37N, R9E²²

Sec. 11

W from SE corner (decl. 15' W)
between Sec. 11 and 14

510 steps to lake shore (East)

703 steps off lake - (lake shore - west)

960 steps to approximate location
of 1/4 corner on south line
Section 11. No evidence of
a corner here, although
from lake to this point
and beyond on line our
line followed an old clearly
brushed out line. Painted line
from this point back to SE cor. Sec. 11

1432 steps blazed black spruce
(dead - very old - and very old blaze)
3" in diameter on south side
of brushed out line indicating
approximate location of 1/16 corner.

Sec. 11 S from S.E. corner (decl. 1/2° W)
between Sec. 14 and 13.

464 steps fell 1/4 Sect E of blazed and
steel marked w. birch in balsam thicket
continued to 480 steps on line and
painted line back to SE corner Sec. 11

Section 11 - T37N - R9E

SE corner located on
southeast side of small
grass marsh approximately
2 chains west of old road.

Prior surveys indicate this
corner is o.k., field notes
dated 12-18-92 show south
line of Sec. 11 ran west
from this corner decl. 3° E.
Corrected decl. to date is
0° 15' West.

Field notes (page 7 this book)
show decl. of East line of
Sec. 11 to be 1/2° W as of 4-12-50
Original notes indicate decl. of
lines between Sec. 11 & 12 and
Sec. 13 & 14 to be the same.
Therefore using decl. (1/2° W)
we ran line south to
approximate 1/16 corner between
sec. 14 & 13

Shelton and Loftus

Jan. 30, 1952

Snowshoes - Compass and Pacing

Section 10, T37N, R9E 23

Sec. 10 - West from
 Approximate $E\frac{1}{4}$ corner on S. line
 486 Steps to fence corner (5° E. decl.)
 located 15" tamarack stub
 7' high, scribed as $\frac{1}{4}$ corner
 B.T., 10' East and 6' South of
 fence corner

Sec. 10 - West from approximate $\frac{1}{4}$
 corner (Tamarack B.T.) for $\frac{1}{2}$
 mile on decl. of 3° E, fell
 5 chains north of S.W. corner
 sec. 10. Corrected decl. to
 4° West, re-ran line from
 approximate $\frac{1}{4}$ corner as above

968 Steps hit S.W. corner Section 10
 painted line back from S.W.
 corner Sec. 10 to approximate
 $\frac{1}{4}$ corner on S line Sec. 10.

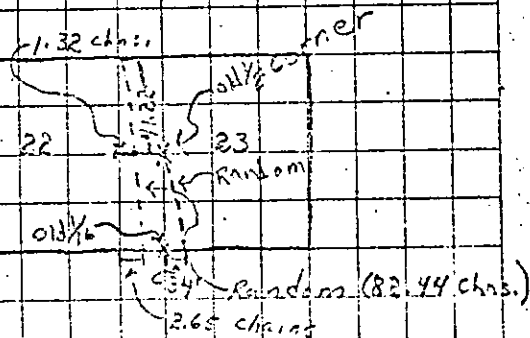
Sec. 10 S.E. corner is supposedly
 buried in highway 17. From
 this approximate location we
 ran west (decl. 5° East) across
 field to what appeared to be
 an old brushed out line.

located approximate $E\frac{1}{4}$
 corner ^{on $\frac{1}{2}$ mile line} iron pipe in fence corner
 with blazed w. birch on north
 Fence ran west decl. 5° East
 we ran west along fence (decl.
 5° E) to approximate $\frac{1}{4}$ corner

Original ^{field} notes dated 1951
 give bearing of line between
 Sec. 10 and 15 as 6° 45' E.
 Corrected to date gives decl. of
 3° E

March 18, 1952 ²⁴

Sec. 22nd & 23, T37N, R9E
South between sections 22nd & 23,
from NE corner Sec. 22nd &
NW corner Sec. 23, 41.22 chains
on Random between the two
sections.



West 1.32 chains on $R\frac{1}{2}^\circ$ East
declination. Set approximately
post ($2\frac{1}{2}'' \times 3'$ white pine post, found
surrounding balsam and spruce trees.

From approximately corner on
line between Sec. 22nd & 23,
ran picket line East on
 $2\frac{1}{2}^\circ$ East declination, 20.54 chains
Fell 1.01 chains north of $\frac{1}{2}$
corner.

over

Sheldon
Loftus
Petranek

50

August 14, 1953²⁶

Sec. 14 12 T 37, R 8 E

Sec 6 4 7 T 37, R 9 E

Crew:

Sheldon

Richardson

DeWalt

16

127

R 8 E | R 9 E

Weather: Clear and Warm

Located Section Corner
by Intersecting lines from
two White Pine B.T.¹⁵

old corner was 4" squared
pine post with scribe marks
S1, S12, S6, S7. Post was
rotted off but base of post
was still sound so that it's
exact location is as previously
set. We cut a Tamarack pole
3 1/2" x 10' and drove into
Sphagnum Swamp beside old
corner post and tied old post
to it

Location of BT's

1. 19" white Pine 2270 mag. 1.10 chains

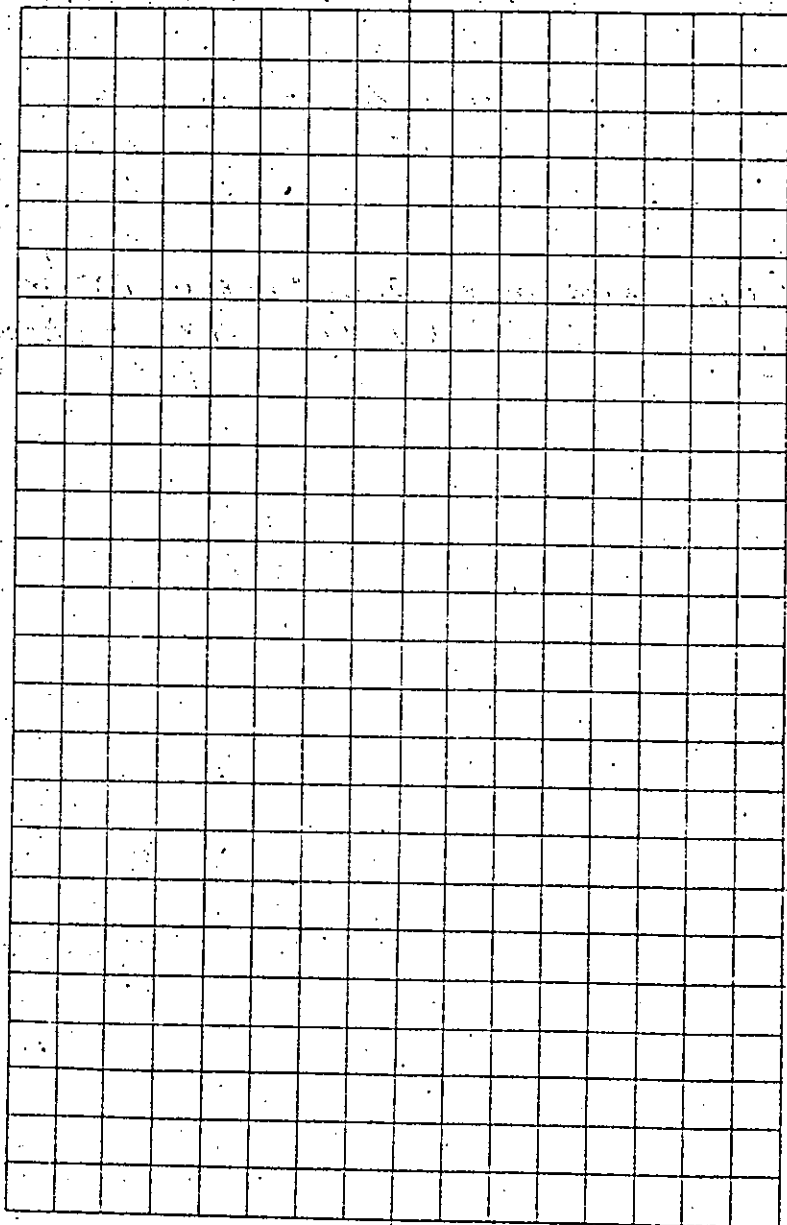
2. 17" white Pine 1750 mag. 1.03 chains

(over)

54

Original Survey Shows bearing
of $18^{\circ}10'$ for line between sec. 1
sec. 6. Corrected bearing to date
is $30^{\circ}55'$. Ran north from $127\frac{1}{2}$
on $3\frac{1}{2}^{\circ}$ mag with Staff Compass
and pickets. At 20 chains
fell 21 chains South and .33 chns.
East of 4" white pine blazed
4 sides. At this point our
line was 1.55 chains East of
an old blazed line running
N + S.

27



55

56

7/8" x chain Clear

Oct 22, 1953 Loftus & Drivas

S 9 729 310

Transit

Running E from N 1/4 to NE
Section corner S 9 to locate or
establish sec corner by Dorr
in 1905

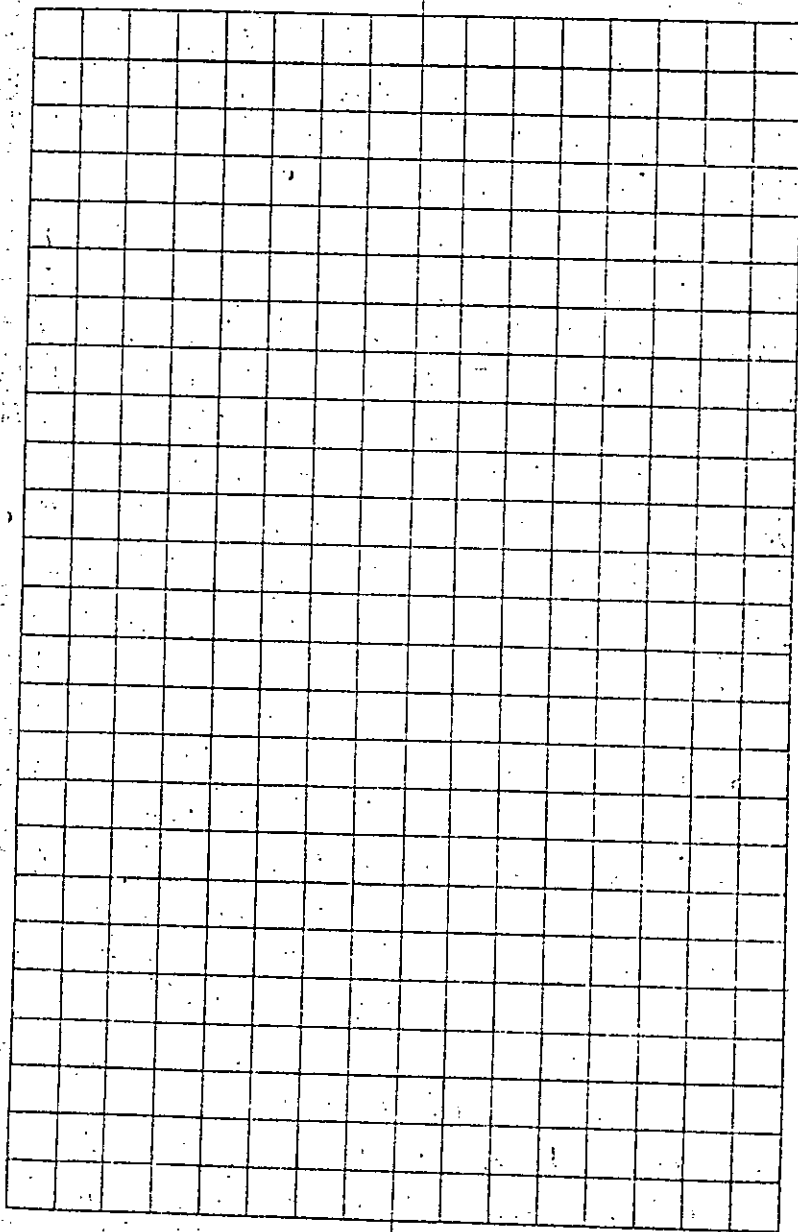
Ran random at 2° 30' E the approx
present day variation 38.74 chains
Found no evidence of Dorr's
corner or bearing trees - set a
hub at this point

Oct 26, 1953 Loftus Drivas Mitscher

Running West 2° 30' E var 38.74
chains set hub tried to
locate NW sec corner sec 9
set by Dorr in 1905. Found no
evidence. This area was burned
hand around 1918.

Taking Dorr's corrected
bearing of 7° E variation with
an annual change of 3' yearly
our true bearing is N 85° 24' W
Blaze of true line & set Temp 1/16 cor.
19.37 chains from 1/4 cor
Set Temp NE sec corner 38.74 chains
From sec corner & 85 Feet

59 North of random line ¹⁶²⁸ ch
4" sec corner - 2" B.V. pipe



Oct. 22, 1953
 9-38-10
 B.T. Cedar 9 S 30° E 25 Links
 Ash 9 N 79° W 20 "

Going West from 1/4 Cor set Temp
 1/16 cor - 4" squared cedar 19437
 chains
 At 38+74 chains west & 85 feet
 south of random set Temp NW
 sec corner 2" galv pipe &
 rock mound
 B.T. By 6 N 20° E 21 feet
 By 11 N 21° W 10 feet

① note X clear
 Oct 27 1953 Koffus Drives Mohr

Run random from NE Sec
 corner of Sec 9 to intersect
 meander line on south side -
 S 9. Bearing S 7° E cannot
 chain line or establish true line
 until thunderbolt freezes.

① Subsequent notes to follow as we
 find the N line of Sec 9 will
 have to be changed to coincide with
 the rest of the surveying in & around
 Sec 9 59

Nov. 8 1954 Koffus & Drivas 29

S 9 T 38 R 10 E
 Following a conference between
 Mr Charles Borth of the U.S.
 Land Comm. & ourselves - and
 lacking any other good evidence
 we decided to make the West
 lines of Secs 16 & 9 both 80 ch.
 & throwing the balance into Sec 4
 this being 79.13 chs.
 This moved the cor $\frac{514}{819}$ 1.46 ch
 north of random
 West 1/16 on north line moved 0.73
 ch. North of random line
 East 1/16 on north line moved 0.73
 ch. South of random line
 Sec cor $\frac{415}{1170}$ moved 1.46 ch
 south of random line
 West 1/16 on west line 20 chains
 from $\frac{514}{819}$ or 3.15 ch west of random
 1/4 cor on west line 40 ch south of
 sec cor & 63 ch west of random
 S 1/16 on west line 60 ch south of sec
 cor & 94.5 ch west of random.
 Set $\frac{819}{1716}$ 80 chains south of 1.26 ch W
 of random & 3.185 chains south
 of E-W random. True line intersects
 E-W random line at 80.33 ch from $\frac{415}{1170}$ 60

Nov 4-53 Left us Drives

To establish Sec cor common
to $\frac{819}{1716}$ T38 R10E

Random from SW cor of S8 to NE East
meander corner section 16

Bearing S $85^{\circ} 30' E$ Fell 4
ft N of Meander corner
total distance 162+10 chains

Set $N \frac{1}{2}$ on West line S 16 T38 R10E
at 20.40
ch S of corner 1.65 ch West
of random.

Set $\frac{1}{4}$ on West line S. 16 at 40.80
ch S of corner & 1.92 ch West of
random.

At 60.40 ch Fell 2.20 East of $S \frac{1}{2}$
located in fence corner on Highway A

At 80 ch Fell 2.52 chain E of Sec
cor $\frac{1716}{3432}$

* cloudy

S 9 T38 R10E

30

Chaining from $\frac{413}{826}$ South a distance
of 82.095 ch Fell 0.61 ch East at
corner $\frac{819}{1638}$. This corner is located
250 ch East of meander
corner
20.52 ch $N \frac{1}{2}$ 0.15 ch West of random
41.05 ch $\frac{1}{4}$ 0.305 ch West of random
61.575 ch $S \frac{1}{2}$ 0.45 ch West of random

S 17 T38 R10E

West $\frac{1}{2}$ on W line 20.21 from $\frac{715}{1430}$ 796 set
 $N \frac{1}{4}$ at 40.415 - 1.5925 South of random
E $\frac{1}{2}$ at 60.43 - 2.3875 " " "

S 9 T38 R10E

W $\frac{1}{2}$ on S line 20.94 from $\frac{819}{1638}$ 2.3875 South
S $\frac{1}{4}$ on S line 41.88 - 1.5925 South of random
E $\frac{1}{2}$ on S line 62.83 - 0.796 " " "

561

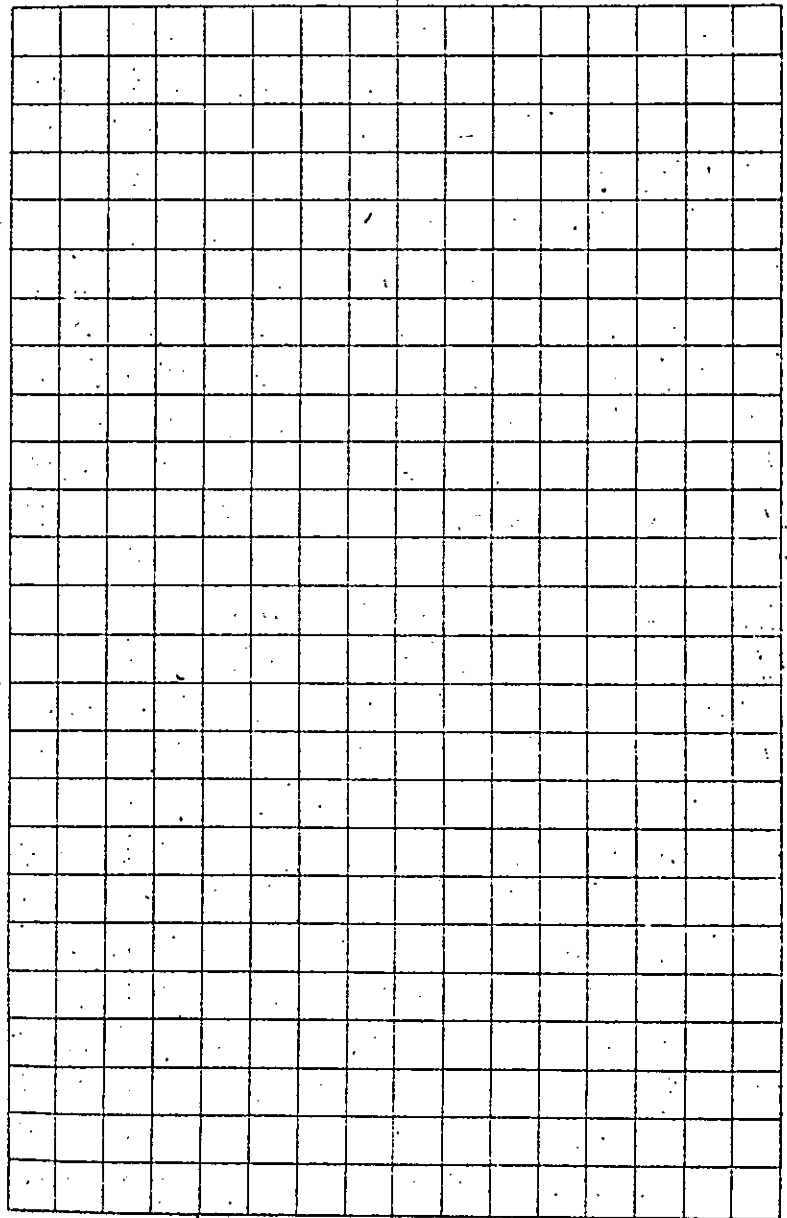
62

Nov 15, 1953
Lepton Drive Metairie Alexander

To establish sec. corner common
to $\frac{E17}{1716}$ T 38 R 10 E

Random from NW sec corner
of Sec 9 to south $\frac{1}{4}$ corner
Sec 16. Located in center of
Highway A on Force line which
extends to the SW sec. cor. of 16
Bearing of random S 3° 30' E
Fall 2420 chains East of True
Line

Total distance 137466 chains
Corrected bearing S 2° 35' East
2° 05' ?



Dec 17, 1953

Leffers, Drives, Alexander, Matscher

To establish all corners on existing line from SW Sec corner 8 T38 R10E to SW Sec corner 20 T38 R10E

Total distance 172+49 chains chaining South

1/16 corner 21+56 1/8 chains

1/4 " 43+12 1/4 chains

1/16 " 64+68 3/8 chains

Sec " 86+24 1/2 chains

1/16 107+80 5/8 chains

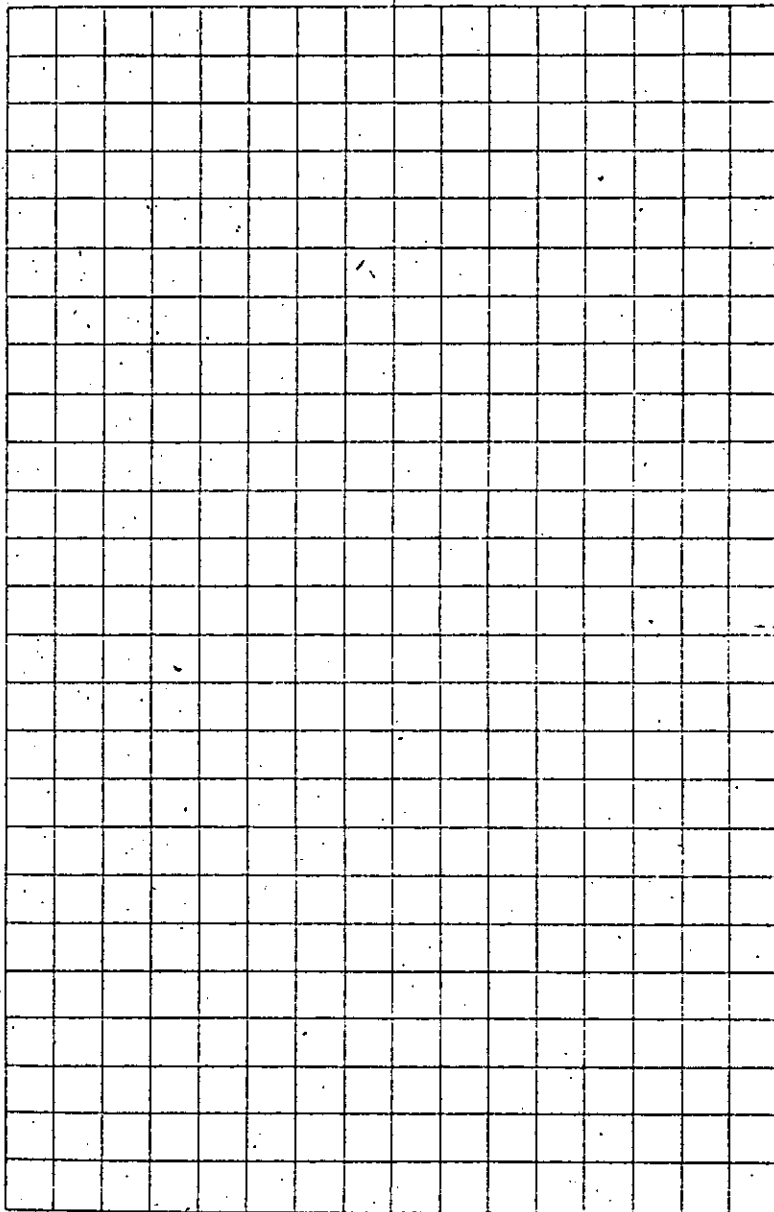
1/4 129+36 3/4 chains

1/16 150+92 7/8 chains

Sec 172+49 chains

Set 4" sq posts at all corners will set iron pipes later

Void



Dec 8, 1953

R + 2 chain tape

Volus Drive, Matscher

To establish south sec line
of S 20 T28 R10E & SE
Sec corner of section 20

SW section corner & 1/4 corner
with location markers &
bearing trees are in.

Running East from SW sec
corner bearing N 84° East
Fall 1.60 chains North of
1/4 post. Total distance 40.85
chains. Set 1/16 post (4" sq.
tam) at 20.42 1/2 chains &
80 links South of random line.
Corrected bearing is N 86° 15' E
Running East on the corrected
bearing of N 86° 15' E a distance of
40.85 chains set SE section
corner

Void

67
Compass needle varied as much as 2°
across swamp

Feb 16-17, 1954

R + 2 chain tape

33

Volus Alexander Matscher

East random line Sec 20 T28 R10E

Running south on bearing S 3° E a
distance of 78.84 chains Fall
2.43 chains East of sec corner
set by me on Dec 8, 1953

Set S 1/16 corner at 59.13 chains &
182 1/4 chains west of random

Sb 3 N 30 E 18 Feet

Sb 3 S 80 E 26 Feet

Set 1/4 corner at 39.42 chains &
121 1/2 chains west of random

Fb 3 S 30 E 15 Feet

Fb 3 N 30 W 22 "

Set N 1/16 at 12.76 chains &
60 3/4 links west of random

Ash 3 N 0° 11 Feet

Ash 3 S 85° E 16 "

Void

Found evidence of an earlier survey
on our approx. true line

68

Feb 15-17, 1954 R. v. 2 chain tape
done by Alexander McArthur

North $\frac{1}{16}$ line section 20 T38 R10 E

Random West from $\frac{1}{16}$ corner
of East section line bearing $N 89^{\circ} W$

Distance 82.54 Full N. 66 links

101

Lottus Alexander & M. T. Fisher

Sec 20 T38 R10E Feb 16-24-54
Weather mild R & 2 chain tape

Commencing at the NW section corner
of 17 & running south to the
sw section corner of 20 along existing
line & road to relocate or re-est-
ablish all corners. Total distance

172.23 1/2 chains a discrepancy of
25 1/2 links from Darr's & Vaughan's Notes

Set N 1/4 on West line of sec 17
at 2395 a distance of 5.60 North
of (Hyway A.) according to old
field notes

Set the West 1/4 corner sec 17 at
4790 chains according to old field
notes. New B.T. Fb 9 N 10 E 49 corner

is 30 links East of road center
Set S 1/4 on West line of sec 17 at 6706 1/2
according to old field notes

B.T. Hc 10 S 15 E 63

Cc 4 N 37 W 72

corner is 30 links E of road center

Set SW section corner of 17 at
8623 according to notes.

B.T. Cc 6 S 21 E 24 16 links E of

Cc 6 N 11 E 60 road center

71

35

The corners on the West line of
Sec 17 were evidently destroyed
when the road was built. Found
some evidence of marks in old
stumps where the section corner is
located.

Set N 1/4 on West line sec 20 at
2753 1/4 chains.

B.T. Fb 8 N 8 8 W 34

Fb 6 N 34 E 27

Set W 1/4 corner sec 20 at 4306 1/2
chains. Found old stake & numerous
blazes on trees no scribe marks

B.T. M 5 N 75 W 12

BW 5 S 70 E 18

Set S 1/4 on West line of sec 20
at 6453 1/2. Found original stake
& one B.T. stump.

New B.T. Sb 2 S 80 E 36

Sb 3 N 30 W 7

SW section corner of 20 OK.
Found 2 wooden posts (orig) I
set a 3 inch iron pipe here

Total distance 8600 1/2 chains.
The error in change fell in the
N 1/4 of Sec 20 as all other lines

& corners checked with the notes
of Darr & Vaughan

72

Sec 20 T39 R10E cont.

From SW sec. corner of 20 min
East bearing N 84° E Fall 1.60
North of 1/4 corner at 40.90 ^{True distance} 40.94
chains 1/4 corner OK. set 2 1/2"
iron pipe by orig. stake ^{True B.} N 86° 14' 32" E
Set N 1/2 on south line at 20.47
& 80 links south of random

From S 1/4 corner East bearing
N 86° 15' E - 40.93 chains set
Temporary sec. corner. ^{True distance} 40.93
Found original E 1/4 on
south line at 20.46 1/2 chains 36
links south of random line
set New post & Blazed B.T.
Ces 5 S 73° E 26
Fb 7 N 66 W 17

I moved Temp SE sec corner
south 72 links & went to NE
sec corner.

NE corner square white post
& Iron pipe in field corner.
Running south bearing S 30° E ^{True bearing} S 1° 48' E
at 35.46 Fall 80 links East of
1/4 corner Found two original
tam. B.T. set new 1/4 post

^B True bearing from 1/4 cor S. would
be 50° 40' E

Cont.

36

New B.T.
Fb 5 N 85 E 45
Fb 3 N 35 E 26
Set N 1/2 at 1923 40 links
East of random Found old
original Co B.T.
at 7956 Fall 248 chains East
of Temporary SE sec corner.
Went south to N 1/2 on
East line Sec 29 Found
original corner stake & B.T.
OK chains North to my
Temp SE sec corner 2043
chains.

The chains checked from
North, South & East at
this point so I set a new
post & marked B.T.

A 7 N 19 W 12 1/2

A 4 S 14 W 29 1/2

A 6 S 37 E - 3 1/2

South 1/2 should be set at 590 chains
and 1.64 West of random

(over)

74

Cont. Sec 20

37

Random West from a point
35 links South of N $\frac{1}{16}$ on
East line bearing $N 89^\circ W$ a ^{true bearing}
distance of 82.76 chains fall
16 links North of N $\frac{1}{16}$ on
West line

Blazed true line & set center
of NE $\frac{1}{4}$ at 2133 $\frac{1}{2}$ chains

Set $\frac{1}{16}$ between center section
& N $\frac{1}{16}$ post at 4267 according
to old field notes

Set center NW $\frac{1}{4}$ at 6291 $\frac{1}{2}$
chains. I could not find any
evidence of any of these corners
but did find old blazes along
our true line

Finished Feb 25, 1954

See page 110 Oneida County
book # 7 for additional work.

April 1, 1904

R = 2 - half to pt.

33

Lattus Drive Alexander Matcher

Sec 30 T39 R10E

Starting at sec corner $\frac{19}{30}$ / $\frac{20}{19}$ bearing $51^\circ W$ a distance of 38.98 chains
Fall 98 links west of $\frac{1}{4}$ corner a
scribed cedar stake.

BTs.

Corrected Bearing
 $50^\circ 18' E$

Found $N \frac{1}{16}$ on the East Line a distance
of 19.77 chains from sec corner &
52 links East of our random
It is a cedar stake No BT. but is
close enough to be acceptable
New BTs

Starting at fence on line between
S30 T39 R10E & S25 T39 R10E
running North, bearing $N3^\circ W$ fall
51 links East of NW Sec corner
Chained from SW sec corner along
fence to NW sec corner
a distance of 79.93.

Corr Bearing $N3^\circ 22' W$

77

cont S20 T39 R10E

* Set $\frac{1}{4}$ on West line at 37.95
chains 13 links West of random
BTs

* Set $N \frac{1}{16}$ on West line at 57.94 $\frac{3}{4}$
chains 32 links West of random
BTs.

Blazed True line from end of
fence to the NW sec corner

Starting at $\frac{24}{25}$ / $\frac{19}{20}$ bearing $N \frac{1}{2}^\circ E$ at
40.81 chains fall 2.37 chains
North of $\frac{1}{4}$ corner a scribed cedar
stake - No BT. evident
New BT

corr. Bearing is $588^\circ 40' E$

* These corners were set by proportioning
the distance between the fence & NW sec corner

78

Cont Sec 30 T39 R10 E

Went back 20 chains from
N 1/4 corner & set the W 1/16
1.185 chains south of random
BT.

Running from N 1/4 ¹⁹/₃₀ bearing
N 88° 45' E a distance of 40.12
chains fell 0.715 chains south of
NE sec corner

Went back 20.06 chains & set
E 1/16 35 3/4 links North of random.
There is some evidence of a blazed
line running N & S at this point.
BTs.

corr Bearing is N 87° 44' E

Staff compass = 2 chain tape
Lofus Drivas Alexander & Follstad

Running south 179° Mag. from
N 1/4 post a distance of 39.80. Fall
7 links East of center 1/4 S 30.

A squared cedar post No B.T. This
post has been here numerous
yrs. & appears to be OK. &

acceptable to all parties concerned
Blazed true line back & set

N ¹/₁₆ S 30 on line at 19.90 chains

corr Bearing 50° 53' E

TA

C

Cont. Sec 30 T39 R10 E

39

From center of section
BT for C 1/4 S 30

BT for N ¹/₁₆ C S 30

Running West 270° Mag from
C 1/4 a distance of 39.17 chains
fell 1.53 chains South of W 1/4.
Set w/ta c-c 20 chains from
C 1/4 & 0.765 chains North of
line

BTs for w/ta c-c

corr Bearing N 87° 45' W

Running North from W 1/16 c-c
to W 1/16 on North S. line bearing
360° Mag a distance of 39.93

Fell 1.81 chains East of W 1/16
Blazed corrected line - ^{Corr bearing N 236° W}

Running West from N ¹/₁₆ to
N ¹/₁₆ on West sec line bearing 272°
Mag. a distance of 39.74 chains

Fell 54 links south of N 1/16 Blazed corrected
line & set w/ta at intersection. N 88° 45' W 80

Lotus & A. H. ...
Transit & 2 baintape

Feb 3, 1944 Sec 9 T37 R8E

Random south from NW sec cor.
of 9 to SW sec cor of 9.

Found NW sec cor. and old BT
stump. Blazed 3 new B.T.s.

Pr 7 N 25° W 15 ft.

Pr 15 S 0° 15 "

Pr 13 S 25° W 23 "

Running south on a bearing of
S 5° 30' W by my transit, fell
63 links East of SW sec cor.

Chained line total was 85.09.

Set N 1/4 cor at 21.27 1/4 *

115 3/4 links west of random line.

Marked B.T.s.

Mr 3 N 80° W 33 Links

Fb 3 S 70° W 34 "

Fb 3 N 40° E 37 "

Set 1/4 post at 42.54 1/2 & (old post)
31 1/2 West of random line at this
point

Marked B.T.s.

Or 10 N 45° W 35 Links

Aw 7 S 25° E 38 "

① Compass needle varied as much as
5 1/2° on line - Checked line by
double plunging & vernier - it is straight.

Lotus & A. H. ...
Transit & 2 baintape

Feb 5, 1949 Sec 9 T37 R8E

Random East from W 1/4 post
to East 1/4 post

Running East on bearing N 88° E

71.7 1/4 chains fell 1.68 chains

south of East 1/4 post

Set center of section at 35.7

chains 84 links N of random line

B.T.s.

Mr 6 N 0° 15'

Mr 10 S 10° E 17'

Fb 3 S 40° W 17'

Set N 1/4 cor at 17.93 1/2

chains 42 links N of random line

B.T.s.

Ms 18 N 0° 23'

Ms 9 S 25° W 12'

Fb 2 1/2 S 45° W 2 1/2'

Blazed true line from W 1/4 post
to W 1/4 on 1/4 line

Note
Came across a center of section set
by Wilcox in 1946 on our random
line

8-19-54

23-37-9

R.G. Seldor & W. Smith running
 0° (3° E decl.) or 357° magnetic
 hand compass and pace from
 fence corner (with 2 posts) marking
 the E 1/4 on S line of 5.23-37-9.

Ran 440 paces and marked Ag on
 E side w/ a small blaze. At 880^①
 (2640) N (3° E decl.) of fence corner,

located axe handle placed about
 1950 to mark 1/4 cor E & Center

Section. Pine BT is ok. Birch
 gone except for face. Put a
 yellow 3/4" galv. pipe* at corner

location. Made rock mound
 around pipe 6' 3" N of corner.

Made rock ring around Pine BT
 stump, putting old face in a birch

lock cylinder to preserve it.

Put corner post on 15" Pine

BT.

Ran E (3° E decl.) to E 1/4 cor.

At 456 paces (1368') fell 35' N

of wood post 3' NE of 17" Mr.

① Fell 30' W of Corner - distance ok at

* Pipe stamped with "31" 83

41

Set 1" iron pipe, stamped with "28"
 in basine wood post. Original
 Tom BT lies on ground 16' 335"
 from post. Old Cedar BT (snag)
 18' 180" from corner, integral with
 a curved cedar 7" dbh. Blazed
 line (Ed. Schneckles) runs E from
 corner. Cutting lines come into corner
 from S and E (Schneckles on Swales place).
 18' 340" from corner is a 6" sapling
 blazed on E side & marked "BT" (not
 official). Cleared out around corner.*

Worked NE, NW, SW looking for Pine
 beam sticks.

* Put one 150 lb. stone against Cedar BT
 7 small stones at face of Tom BT.

84

12-1-54

51T37R9E

44

Loftus Drives & Father
transit & 2 chain line

Running North from ³¹¹ ~~the~~ $N 1^{\circ} E$
46.00 chains set ~~at~~ 4 chains West
75.57 feet 10.67 chains East of Iron pipe
marking the corner ~~of~~
40 chains set West of 2.472 chains
West of random
20 chains set $N \frac{1}{16}$ on West line
0.37 chains West of random
Corr. bearing $N 2^{\circ} 32' W$

Running East from West $\frac{1}{4}$ corner
section 1 $N 87^{\circ} E$
76.89 feet 161 chains South of the
East $\frac{1}{4}$ corner section 1 (East
Iron pipe here)
Corr. bearing $N 85^{\circ} 48' E$

Running East from ^{337.35} ~~the~~ $N 87^{\circ} 15' E$
79.715 chains feet 2.295 North of
~~the~~ 36.31 a wooden post
116
39.857 chains set North $\frac{1}{4}$ - 1.1424 South
of random line

check
this

Running West from $N \frac{1}{4}$ 589°

2^d section from (T. p. a. p. in line)
76.335 chains fall 3.225 chains North
of Sec cor $N \frac{1}{4}$

38.165 chains set $S \frac{1}{4}$ 1.625 chains
south of random

Running South from North $\frac{1}{4}$ 52° W
Fall 2.40 chains East of $S \frac{1}{4}$ post

Total distance 75.23 ch

Set center of section at inter-
section of the quarter lines

40.40 chains from $S \frac{1}{4}$ corner

37.86 chains from E $\frac{1}{4}$ corner

Blaze of true lines around the
 $SE \frac{1}{4}$ section

Set West $\frac{1}{16}$ on the North line
@ 19.96 chains @ 544 chains south
of random

Set $W \frac{1}{16}$ on the E-W $\frac{1}{4}$ line
sideway between $W \frac{1}{4}$ post & C- $\frac{1}{4}$
distance 17.575 chains

91

45

Set $N \frac{1}{16}$ on N-S $\frac{1}{4}$ line
20 chains from C- $\frac{1}{4}$ @ 50 chains
East of random

Running East from $N \frac{1}{16}$ on
West line $N 25^\circ E$ fall 3 feet
North of $N \frac{1}{16}$ on the N-S $\frac{1}{4}$
line

Running North from $W \frac{1}{16}$ on E-W
 $\frac{1}{4}$ line $N 19^\circ 30' W$ fall 25 feet East
of $W \frac{1}{16}$ on North line

Set center $\frac{1}{16}$ of $W \frac{1}{4}$ at
intersection of true lines

Finished 12-10-54

92

12-14-54 See 8 T37 R10E ⁴⁶

Lotus Drivon Metcher
Transit & 2 chain tape

Running West from ⁵⁴ S 1/4 concrete man
bearing $S 86^{\circ} 30' W$ with 4.65 chains
south of sec corner Total distance

71.725 chains ^{corr 10' in N 89° 45' W}
corr distance 71.88

35.94 chains set $1/4$ corner

2.34 $3/4$ ch North of random

53.91 chains set $1/16$ on North

line 3.52 ch. North of random.

Running West from S 1/4 bearing

$N 89^{\circ} 30' W$ ^{corr line $N 89^{\circ} 35' W$}

42.295 chains $1/16$ 0.665 North

of sec corner ^{71.2}
_{71.17}

21.14 chains set $1/16$ on South

line 2 inch Iron pipe on South

edge of road

Running North from Center $1/4$

bearing $N 4^{\circ} 30' W$ ^{corr $N 7^{\circ} 51' W$}

41.13 chains $1/16$ 2.41 chains east

of $1/4$ post I set

20.60 chains set $1/16$ cor between C $1/4$ &

$N 1/4$ corners

Corrdistance 41.20 chs

ST

Running North from West $\frac{1}{16}$
on South line. Fall 0.32 chains
East of $\frac{1}{16}$ on N line
bearing $N 40^{\circ} 30' W$ ^{was $N 40^{\circ} 30' W$} $N 4^{\circ} 43' N$
81 $7\frac{1}{2}$

Running North from West $\frac{1}{4}$
Bearing $N 1^{\circ} 30' E$ Corr Bearing $N 1^{\circ} 15' W$
41.47 chains fall 2.09 chains East
of sec. cor. Corr distance 41.52
20.76 chains set $\frac{1}{16}$ on West
line 1.045 chains West of random

From $\frac{1}{16}$ on West line running
East Bearing 90° East
37.525 chains fall 0.23 chains
North of $\frac{1}{16}$ between $\frac{1}{16}$ & $\frac{1}{4}$
Corr Bearing $S 89^{\circ} 30' E$

Set center $\frac{1}{16}$ of $\frac{1}{4}$ quarter
at intersection of true lines
distance to the $\frac{1}{16}$ on North
line is 20.64 $\frac{3}{4}$ chains

Set center $\frac{1}{16}$ of $\frac{1}{4}$ at 20.21 ch
from $\frac{1}{16}$ on South line

40.42 ch set $\frac{1}{16}$ between $\frac{1}{4}$ &
Center of section - From South

95

47

61.06 $\frac{3}{4}$ ch set Center $\frac{1}{16}$ of $\frac{1}{4}$
 $\frac{1}{4}$
Finished 12-23-57

96

61.77 chains

The distance from the center of section to the $N\frac{1}{4}$ is 40.90 ch.

Running East from the int. $\frac{1}{16}$ between center of sec. & $S\frac{1}{16}$ bearing $N 86^\circ E$ cor. bearing $N 89^\circ 52' E$

43.40 chains Fall 1.41 North of the $S\frac{1}{16}$ on the East line. Set the int. $\frac{1}{16}$ of the $SE\frac{1}{4}$ at 21.70 chains. True distance 43.40

Blaze the true line.

TRAVERSE OF 1806 AREA

N 105° W NESE S 22° 13' 39" E 10° E

Sta 1.

Starting at the Int. $\frac{1}{16}$ (2 inch Iron pipe) marking the center of the $SE\frac{1}{4}$ bearing $S 89^\circ 30' W$ along the $\frac{1}{16}$ line a distance of 12.40 chains

to a 1 inch Iron pipe known as station E on supplementary map.

Sta 3. 1" IP $N 7^\circ 15' E$ 8.45 chains then.

Sta 4. 1" IP $N 60^\circ 15' E$ 6.705 chains then.

Sta 5. 1" IP $N 39^\circ E$ 4.4825 chains then.

✓ Sta 6.	1" IP	$N 44^\circ 30' E$	2.0175 ch.	then
✓ Sta 7.	2" IP	$N 39^\circ 15' E$	4.21 ch.	then
✓ Sta 8.	1" IP	$N 11^\circ 30' E$	3.17 ch.	then
✓ Sta 9.	1" IP	$S 37^\circ 30' W$	5.11 ch.	then
✓ Sta 10.	1" IP	$S 18^\circ 15' E$	5.905 ch.	then
✓ Sta 11.	1" IP	$S 85^\circ 30' W$	6.2 ch.	then
✓ Sta 12.	1" IP	$S 62^\circ W$	4.49 ch.	then
✓ Sta 13.	1" IP	$S 11^\circ 15' E$	4.1525 ch.	then
✓ Sta 14.	2" IP	$N 67^\circ E$	10.245 ch.	then
✓ Sta 15.	1" IP	$S 36^\circ 15' E$	5.7325 ch.	then
✓ Sta 16.	1" IP	$S 29^\circ 15' W$	3.73 ch.	then

Back to station 1 Bearing $S 89^\circ 30' W$ a distance of 4.185 chains including an area of 21.48 acres.

Note:

Some calculations are on supplementary forms in file.

Traverse of Bog Area

SE SW 522 T39W R10E

Starting at the $5\frac{1}{4}$ corner (a wooden stake & 1" Iron pipe) bearing $S88^{\circ}30'W$ along the section line a distance of 12.91 ch. to sta. 1" IP then:

Sta 3. 1" IP $N17^{\circ}45'W$ 3.55 ch then

Sta 4. 1" IP $N14^{\circ}15'E$ 8.3875 ch. then

Sta 5. 1" IP $N41^{\circ}15'E$ 6.6525 ch. then

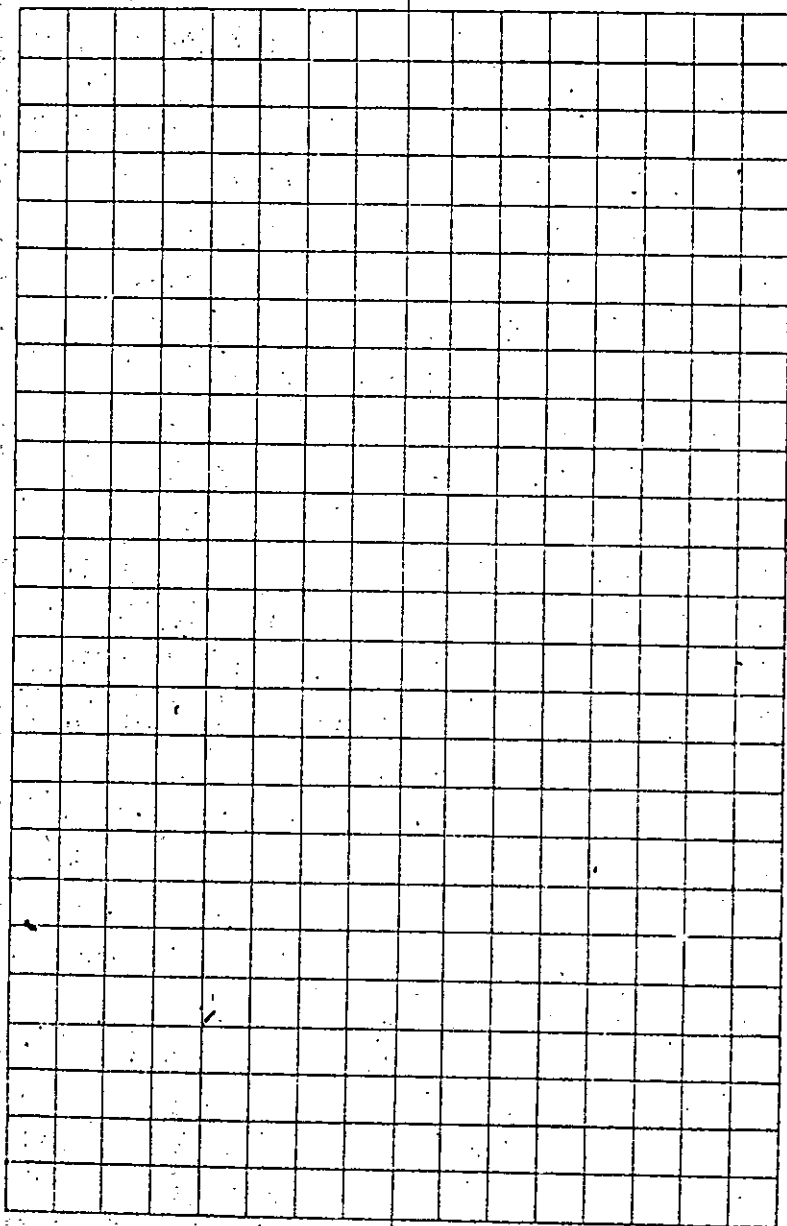
Sta 6. 1" IP $S48^{\circ}E$ 4.16 ch then:

Sta 7. 1" IP $S12^{\circ}30'E$ 3.12 ch then

Sta 8. 1" IP $N97^{\circ}E$ 3.3275 ch then

back to station 1 bearing $S1^{\circ}30'E$ a distance of 10.80 ch. enclosing an area of 16.72 acres

Note - Map & calculations are on supplementary forms in file.



Feb 5, 1955

Sec. 32 T38N R9E

Letter Alexander Metscher

Transit & 2 chain tape

Brushed a line along the existing fence from the W 1/4 of Sec 33 Westward to locate the Sec. cor. ^{29 25} _{31 33}. According to Dorris notes of 1894 this distance was 41.34 ch.

Found the W 1/4 on South line of Sec 28 at 20.77 1/2 so we doubled this distance & set the sec corner at 41.55 1/2 chains

correct bearing 585° 55' W

Run west bearing 585° 30' W 83.75 ch. founds Dorris original bearing tree & corner. The bearing tree is a dead snag either spruce or tamarack located 1.98 1/2 ch. S 23° W of corner although

not visible, the iron marks can still be seen. The corner is completely rotted off but the top was found buried in 6" of moss & the bottom point

103 11.58 ch South of corner

37-1

was still in very good condition when pulled out. I could not find the two bearing trees marked by Hall in 1921. I set a new corner with 2 inch iron pipe here & moved some trees. The corner which was evidently being used here was some 10 chains in a South westerly direction.

41.82 chains set 1/4 cor. according to Dorris notes. Wooden post & 3/4" iron pipe. It being we could locate this corner in the summer when the snow is gone as it is also located in the swamp.

62.785 ch set with 1/16 & 1/2" Iron Pipe. Razed trees around corner. Corner is located in a thick sb stand

20.91 ch set E 1/16 1/2" Iron pipe scribed as "Bulson west of 1/16 corner & tacked a metal location marker indicating the corner 104.

Running West from ³¹³³ SW a
Fence corner & 4" squared
stake assumed to be the corner.

Bearing S 86° W
80.65 ch. Fall 1.95 ch South
of corner ^{31/32} or Square scribed
post a 1/2" iron pipe. Could
not find any bearing trees.

Blazed trees around corner
20.16 1/4 chains set E 1/16 of 4875
ch North of random.

40.32 1/2 chains set S 1/4 875 ch
South of random.

40.42 3/4 ch set N 1/16 1.46 1/4 ch
North of random.

Corrected & Blazed the
true line. corrected bearing S 87° 25' W
True distance is 80.67

Running South from our
East 1/4 on North Line

bearing S 11° W
85.45 ch. Fall 1.26 ch West
of our E 1/16 on South Line.

21.36 1/2 ch set the center 1/16 of NE 1/4
.315 ch E of random

1102
corrected bearing is S 10° 10' W

These
corners
not right

145

52

42.725 ch set the true 1/16 between
C 1/4 & E 1/4 63 ch East of
random.

64.0875 ch set the center 1/16 of
SE 1/4 945 ch East of random.
Corrected & Blazed the
true line.
True distance is 55.45 ch.

Running North from ^{31/32} E 1/16
bearing N 9° E

82.70 ch Fall 37 ch West of
corner

20.675 ch set S 1/16 .08 ch East
random

41.35 ch set N 1/16 .16 ch E of
random

62.025 ch set N 1/16 .24 ch E of
random

Did not blaze the true line
corrected bearing is N 9° 13' E
True distance 82.70 chains

Finished - 2 - 10 - 55

146

Sec 344 T38N R10E

Koffus Alexander Mische

Running North between Secs 344
from corner we set 20m to $\frac{2}{3}$

Bearing $N 0^{\circ} 30' W$ of 80.27
chains fell 1.62 West of cor $\frac{35124}{713}$

20 chs set $S \frac{1}{16}$.403 ch E of random

40 chs set $\frac{1}{4}$ cor .807 ch E of random

60 chs set $N \frac{1}{16}$ 1.21 ch E of random

True bearing is $N 0^{\circ} 20' E$

True line is 80.274 ch

The North 40 is 20.277 ch

Did not blaze true line

$N 0^{\circ} 40' E$ # ?

* + 2 chain tape

Sec 23 T 37 R 0 E 2-24-55 54

Aftus Mchler Mchler

Starting from the S $\frac{1}{4}$ corner an
 Iron Pipe in center of road on
 the fence line by Gus Krebs farm.
 bearing $N 1^{\circ} 30' W$ True Bearing $N 1^{\circ} 14' W$
 42.435 ch fall 20 links N of
 C $\frac{1}{4}$. Good corner with bearing true

21.2175 ch set S $\frac{1}{16}$ on the N-S
 $\frac{1}{4}$ line 10 links East of random
 continuing North from P $\frac{1}{4}$ bearing
 $N 1^{\circ} 15' W$ (approx.)

38.94 ch. fall .06 ch East of N $\frac{1}{4}$
 post. a good corner at. H. 22 S $55^{\circ} 13'$

19.47 ch set N $\frac{1}{16}$ on N-S $\frac{1}{4}$
 line 3 links West of random.

The true bearing of line is $N 1^{\circ} 14' W$
 Total distance is 81.375 ch.

From C $\frac{1}{4}$ bearing $N 87^{\circ} W$
 20.99 ch fall .435 ch N of W $\frac{1}{16}$
 in E-W $\frac{1}{4}$ line - continue
 line Westly.
 41.98 ch set W $\frac{1}{4}$ 087 ch S of
 random.

True bearing is $S 89^{\circ} 49' W$
 length of true line is 41.98 ch. 110

From sec. 00¹⁸⁷⁴₂₂₇₃ bearing $S 33^{\circ} E$
 41.52 ch Fall 6 links East of
 W $\frac{1}{4}$ post.

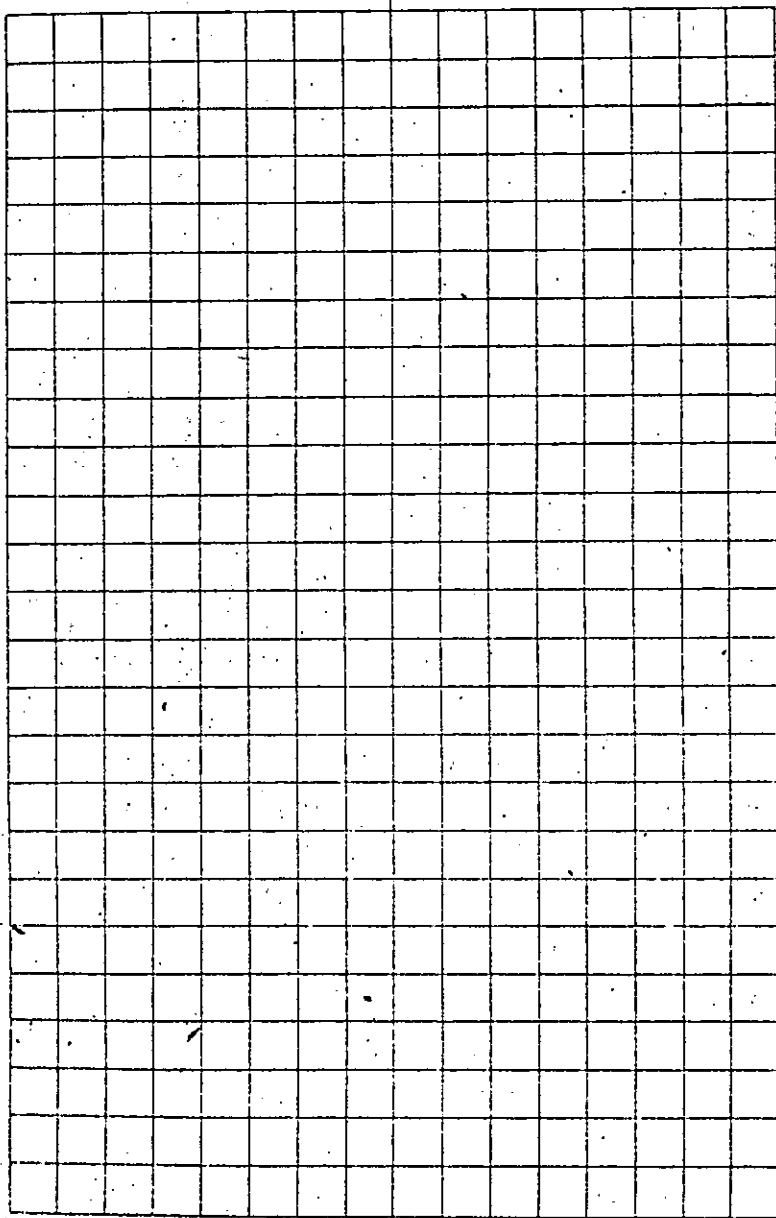
20.76 ch set N $\frac{1}{16}$ on West
 line of sec 22.

Blazed true line from the sec
 cor to the N $\frac{1}{16}$ between
 us & Wm Mills.

Running E from the N $\frac{1}{16}$ on
 the West line bearing $S 87^{\circ} 50' W$
 41.885 ch Fall 6.35 ch south of
 the N $\frac{1}{16}$ on the N-S $\frac{1}{4}$ line
 20.9425 ch set the $\frac{1}{16}$ in the
 center of the NW $\frac{1}{4}$ 13175 ch
 North of road

Blazed the true line
 True bearing is $S 88^{\circ} 24' W$

Finished 3-3-55



Sec 19 T39 R10E

3-4-55 Loftus & Alexander
Searched for existing corners
in Sec 19.

Found Sec corner $\frac{18178}{24119}$ R10
a 4" by 4" square
squared scribed post. old post laying on ground

BT. M6 N34E.52 set by Winchester 1852
M6 S30W.28 remaining. B.T. Face

N 1/4 corner $\frac{18}{19}$ a 4" square
scribed post

BT. M6 10 N57° E 15'
Bw 8 N45° W 10 1/2'

Sec corner $\frac{18177}{19122}$ a 6" square
scribed post. 20' tam. spike beside
it.

BT. Ta 3 N37° W 0.87
Sb 2 1/2 S19° W 0.46

Point of high land jutting into
swamp bars westerly of corner

Int. 1/16 between N 1/4 & C 1/4 orig. Bearing
stump still present P40 N25 1/2° W 7 3/4'
found hole where corner was & set
a new post

3-7-55

Sec 19 cont.

Random North from S.W. corner
of 19 Bearing N50° 15' W.
At 76.78 ch Fall 1074 ch West of
cor. $\frac{18178}{24119}$

Corr. Bearing is N3° 57' W
At 18.46 ch set 5 1/16 on West line
473 ch E of random

BT. Sb 3 1/2 N50° E 54 lks
Sb 6 N75° W 92 lks

At 36.92 ch set N 1/4 .896 ch
East of random 40.66 ch NW cor
BT. M6 5 N63° E 15 lks by Davis notes
Eb 6 S37° W 22 1/2 lks

At 56.95 ch set N 1/4 on West line
1.27 ch E of random
BT. Sb 3 N70° E 3 lks
Sb 2 S60° W 24 lks

Blazed true line to N 1/4 corner
Some one had run a random
line there previous to our survey
& set wooden posts at approx 20, 40
& 60 chains.

Cont. next page

Had he run the line through to the NW section corner he would have found his corners were East & North of where they are supposed to be. He also ran a line West from where he set the N 1/4. There has been some trespass cutting of Aspen & pine along the line.

March 10, 1955 Loftus Alexander Matschen

Random South From Int. 1/16 between W 1/4 & E 1/4 Bearing S 2° 30' E

At 38.01 ch to 110.23 ch East of W 1/16 on South line

BT Fb 6 S 75° W 216 ch

" Bw 6 N 76° E 2115 ch

Set Center 1/16 of the SW 1/4 at 19.025 ch to 115 ch W of random. 1 1/4" galv pipe with elbow facing North

BT T&4 S 83° E 1.41 ch

36 paces W to E of Highway

16 17. Corr. Bearing is S 2° 27' E

57

March 11, 1955 Loftus Alexander Matschen

Random E from N 1/4 post

Bearing N 87° E of 42 2/3 ch Fall 2.49 ch South of NE Sec corner

Set E 1/16 on North Line at 21.14 ch or 1.245 ch N of random

BT He 6 S 6° 30' E 195 ch

He 8 S 82° W 222 ch

Corr Bearing is N 83° 37' E

True line length 2225

Sec cor com to 24, 19, 25, 30 & 486 post set by O. Odman 1927

BTs Pr 6 N 7° E 18 1/2

Pr 6 S 32° E 49 1/2

From F.R. Wintersteen 1952

Random North from SE Sec Cor. Bearing N 1° 45' W

Offset 41 1/3 1/2 ch West to old Highway 17

19.48 ch S 1/16 corner set new post & marked BTs

twin Bw 7 N 30° E 17 1/2

Bw 7 S 22° E 38 1/2

116

Cont.

38.96 chs E $\frac{1}{4}$ corner set
a scribed post on East
edge of Highway & just
North of an old lane
bearing East.

B.T. twin Ms. N 80° E 4 1/2 Ks

3 ft blue rock N 60° W 7 1/2 Ks

I could not find Vaughans 2
rocks he used for Bearings
evidently they removed when
the road was built.

Continuing North on the
same bearing

80.42 feet 2.555 ch West of
the NE sec. cor. a 6" sq. scribed
post

corr Bearing N 0° 4' E

B.T. T₂ 3 N 37° W 87 Ks

#15 36 2 1/2 S 19° W 46 Ks

We did not set the N $\frac{1}{16}$ on
the East line but it should be
located 20.75 N of the $\frac{1}{4}$ post &
1.27 3/4 chs E of our random

True length 80.46

117

58

Random W from E $\frac{1}{4}$ post

Bearing 589° 30' W corr 588° 00' W
20.597 chs set E $\frac{1}{16}$ on the E W
 $\frac{1}{4}$ line.

39.78 chs set C $\frac{1}{4}$ cor.

B.T.

Bw 6 N 78° W (0.175 Ks) .175

Bw 4 N 43° E 2 1/2 Ks

61.65 chs set W $\frac{1}{16}$ on the E W
 $\frac{1}{4}$ line.

B.T. Old 40" Pine snag

new Bw 3 N 48° E 4'

Bw 5 N 61° W 5 1/2'

82.155 chs fell 72.1 Ks N of our
W $\frac{1}{4}$ post

Random South from N $\frac{1}{4}$ post

Bearing 50°

17.904 chs set Int $\frac{1}{16}$ between
C $\frac{1}{4}$ & N $\frac{1}{4}$

37.755 center $\frac{1}{4}$

57.3 1/4 chs Int $\frac{1}{16}$ between C $\frac{1}{4}$ & S $\frac{1}{4}$

B.T. T₂ 3 N 40° W 32 Ks

T₂ 3 S 22° E 44 1/2 Ks in

leather leaf log.

over

118

76.87 chains S $\frac{1}{4}$ Fall
-94- IKs West of corner
BTs
Cc 6 N 75° E 20' Approx.
Cc 6 N 10° W 8' Approx.
(Very wet here) 50° 42' E

Random North - from E $\frac{1}{16}$
on South Line Bearing N 1° 00' E
19.52 chs Int $\frac{1}{16}$ of SE $\frac{1}{4}$
BT. There is a large rock out cropping
East about 40'

39.04 chs Int. $\frac{1}{16}$ between C $\frac{1}{4}$ &
E $\frac{1}{4}$

58.835 chs Int $\frac{1}{16}$ of NE $\frac{1}{4}$
sets just west of old Hwy 17
on corner in a wet bog

78.63 chs E $\frac{1}{16}$ on N Line.

59
Random West from Int $\frac{1}{16}$
of NE $\frac{1}{4}$ Bearing 588° 45' W
20.78 chs Int $\frac{1}{16}$ between C $\frac{1}{4}$
& N $\frac{1}{4}$
40.78 chs set temporary post
for Int $\frac{1}{16}$ of NW $\frac{1}{4}$. This
post may have to be moved
East or West when the N-S
line is run.

64.14 chs Fall (97.4) IKs North
of N $\frac{1}{16}$ on West line - we
found Derris old post where
we set ours. It was a 2 $\frac{1}{2}$ " sq
post no scribing - could not
find his SB bearing tree.

Blazed all true lines between
Ripco ownership & other
lines.

Finished April 14, 1955

Sec. 36, T 38, R 9E.

60

Nov. 16, 1955

Sheldon, Drivas and Meter bar

From Corner $\frac{26125}{35136}$ - 38-9 E

South along fence bearing $S 8^{\circ} W$
45.02 chains to fence corner
where original $\frac{1}{4}$ corner

between Sec 35 and Sec 36, Once
stead, Continued South on

same bearing along old fence
at 35.19 chains (North Bank of

Jennie Webber Creek) Continued
South on same bearing. At

44.32 chains South of $\frac{1}{4}$ corner
we hit corner $\frac{35}{36}$ (T 38, R 9E)

$\frac{2}{1}$ T 37, R 9E.

Chained back 22.16 chains
and set South $\frac{1}{6}$ corner on

line common to Sec. 35 and 36,
T 38, R 9E. ($\frac{1}{6}$ corner 4" square

on post 4' high) $\frac{1}{2}$ link South
of an old fence post on line.
Blazed a 4" P_s as a reference tree.

(over)

Sec. 36-38-9 on West line
From S $\frac{1}{4}$ corner Sec. 36-38-9
Run East (Bearing N 87° E) to
S $\frac{1}{16}$ on East line of Sec 36-38-9.

S. 18 T38N R10E

61

Nov. 1, 1955.

Loftus Sheldon

From N.W. corner S. 18
road intersection bearing
N 85° 30' E (true bearing)
18.68 chains found every 10
5x5 cedar post and old T.C.
B.T. stump marking the W $\frac{1}{16}$
on North line of S. 18.
scribed a 6" sb. N.W. of corner
37.36 chs. set temporary 1/4
corner at base of 10" yellow
birch.

Continued East to 78.15
ch. used corner 7/8
57.755 chs. set temporary E $\frac{1}{16}$
on N line

Chaining South from 1217 to
W $\frac{1}{4}$ corner found the distance
to be 3970 chs.

Chaining South from E $\frac{1}{16}$ on
North line bearing S 1° E a
distance of 22.925 chs. (Eymath)

134

set temp. $0 \frac{1}{16}$ of NE $\frac{1}{4}$

Thence West bearing $S 88^{\circ} 30' W$
to establish some temporary
lines between Ribco &
E. Hunter property

58° E

11-29-58

Sec 14 T 57 N R 9 E

62

1. Plus 1/4 corner. Wires Alexander
R & 2 chain tape

Random East from $\frac{15}{16}$ of
Bearing $S 74^{\circ} 0' E$
41.75 chs. E. N 1.92 chs. S.
of $\frac{1}{4}$ corner

20.575 chs set W $\frac{1}{16}$ corner
0.96 chs N of random.

Corrected & blazed true line
True Bearing $S 86^{\circ} 47' E$

15/14 Replaced old corner with
22/21 T.P. & Br. cap
Old B.T.s in place

New B.T.s To $\frac{1}{2}$ $S 79^{\circ} W$ 23.5 chs
To $\frac{1}{2}$ $S 45^{\circ} E$ 52 chs

W $\frac{1}{16}$ or S. line set 2" T.P.

B.T.s Pull N $85^{\circ} W$ 20'

M 7 N $70^{\circ} W$ 27'

M 6 S $40^{\circ} W$ 24'

$\frac{1}{4}$ corner Replaced old corner
with T.P. & Br. cap. Old B.T.s in
place. New B.T.s $\frac{1}{2}$ $N 55^{\circ} W$ 9'
M 6 N $87^{\circ} E$ 21'

Ce 6 S $35^{\circ} E$ 26'

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Continued East from Sky
 Post Bearing $582^{\circ}38'E$
 41.68 chs fall 0.88 chs S of
 old hub in Alder creek bottom
 presumed to be the corner
 20.94 chs set E $1/16$ 0.44 chs
 N of Random
 BTs. Pw 12 $58.5^{\circ}W$ 18 $1/4$ 1 Ks
 Pw 8 $N 18^{\circ}E$ 87 1 Ks
 True bearing $587^{\circ}50'E$

Random South from $11/12$
 bearing $57^{\circ}W$ at 23.80 chs
 fall 30 1 Ks west of old
 hub in swamp - set a wooden
 post in place of hub
 20.95 chs $N 1/16$ 7 $1/2$ 1 Ks E
 of random.

41.90 chs $E 1/4$ 15 1 Ks E of random
 42.85 chs $S 1/16$ 22 $1/2$ 1 Ks " "
 True bearing $56^{\circ}47'W$

Random West from $11/12$
 Bearing $587^{\circ}W$ at $17/13$ 79.65
 chs fall 26 1 Ks south of
 Pipe I set marking corner

$10/11$
 $15/14$ This was set from
 Vaughans given distance of 1889.
 from the corner N on
 Highway 17.

19.4125 chs set E $1/16$.065 Ks N of
 Random
 38.825 chs $N 1/4$ 13 Ks N of random
 52.235 chs $W 1/16$ 195 1 Ks N of random
 True bearing is $587^{\circ}13'W$

Random South from $15/11$ bearing
 $S 10^{\circ}W$ at 76.75 - fall
 2.745 chs E of corner.
 18.92 chs found old stake
 and was exk marking the
 $N 1/16$
 $W 1/16$ corner found old
 stake so BTs 566 $W 50^{\circ}W$ 9 Ks
 565 (dead) $S 41^{\circ}W$ 4 Ks
 $S 1/16$ 24" Pw 10 T
 True bearing is $512^{\circ}03'W$

$1/4$ 1.372 chs W
 2.058 chs W

Random North from C 1/4 4x4
square past (very old) 3 old
cedar stumps marked as
BT with no scribing discern-
ible - Bearing N 80° E
39 985 obs fall 75 1/2 Ks West
of N 1/4

20 obs. N of C 1/4 x .37 1/2 Ks
E of random found old square
past marking the 1/2 betw
C 1/4 & N 1/4 set a 2" T.P.
BT N 7 N 50° E 33 1/2 Ks
As to S 60° W 1/4 Ks
True bearing N 9° 04' E

Random E from 1/2 betw
C 1/4 & N 1/4 bearing N 87° E
at 39.50 obs. Fall all obs
N of N 1/4 on East line
set a 1/2 of NE 1/4 at 19.75
obs. on the true line
10 obs. East of the 1/2 betw
C 1/4 & N 1/4 set a 2" T.P.
Thence 2.325 obs N 17° E
to an T.P. marking
the center of a 68 FT

64

Radius from 130 ft
section. Elevation to his
back.

BTs C 1/4 of NE 1/4
M 5 N 5 60° W 20'
Fb 5 S 50° E 12' 1/2
True bearing N 87° 50' E

Random West from C 1/4 to
W 1/4 bearing S 89° W
40 335 obs fall 78 1/2 Ks S
of corner
set 1/2 betw C 1/4 & W 1/4 at
20.1675 obs on true line
BT Fb 7 S 55° E 34 1/2
converted true line &
placed
true bearing S 89° 50' E

C 1/4 1317
M 5 10 S 65° W 14 1/2 Ks

Finished Dec 24, 1955

Sec 2 T37N R9E

Transit & 2 chain tape

Loftus Alexander & Matsher

Dec 23, 1953

Random E from $3\frac{1}{2}$ Bearing
N15° E

19.17 ch $N\frac{1}{16}$ corner found old
cedar stump Dorr's BT with 8
still discernible - on south side
of town road

New BT Tab. S22° E 27 $\frac{1}{16}$ lks

3834 chs $S\frac{1}{4}$ according to

Dorr's change of 1894

BTs (Unknown)

Pr 15 S63° E 40 lks

Pr 12 S35° E 39 lks

57.46 chs E $\frac{1}{16}$ - scribed cap post &
one to 127. This post in, not

quite in proper location but use
if it was used (probably Vaughn's post)

76.90 $\frac{1}{16}$ chs sec corner $\frac{2\frac{1}{2}}$

True bearing N 85° 20' E $\frac{11\frac{1}{2}}$

We found an error in our offset
random - The true bearing from
the $\frac{1}{16}$ corner East is N 84° 34' E

Random North from $\frac{2\frac{1}{2}}$	
Bearing N4° W $\frac{1\frac{1}{2}}$ sec	
corner $3\frac{1}{2}$ at 73.99 chs	
This coincides with Dorr's	
change set from pin in	
old 17 road bed according to	
Dorr (1894)	
19.325 chs $S\frac{1}{16}$	
38.65 chs $N\frac{1}{4}$	
57.95 chs $N\frac{1}{16}$	
73.99 Sec Cor	
Random West from $35\frac{3}{8}$	
Bearing S84° W $\frac{2\frac{1}{2}}$	
78.85 chs Fall 29 lks south	
of corner	
Discrepancy of 50 lks over	
Dorr's change proportioned	
distance & set corners	
19.18 $\frac{3}{8}$ chs E $\frac{1}{16}$	
Pr 12 S49° E 68 lks	
Pr 6 S33° W 46 lks	
39.37 $\frac{1}{2}$ chs $N\frac{1}{4}$	
Pr 4 N7° E 15 $\frac{1}{2}$ lks	
Pr 5 S86° E 78 lks	

59.11 1/4 W 1/16

Pt 8 S 35° E 1.30 1/2 ch

Pt 8 S 36° W 1.08 ch

78.85 sec cor. B.T. in

place

True Bearing S 84° 13' W

Random North from S 1/4

Bearing N 30° 30' W

75.15 1/2 chs fall 11.39 lks West
of N 1/4

True Bearing N 30° 13' W

19.72 1/2 chs 1/16 Betw S 1/4 & C 1/4

Ta 7 S 30° E 1.26 ch

39.45 ch C 1/4

58.36 1/2 chs 1/16 Betw C 1/4 & N 1/4

lies in S.W. point of Lk Bog.

Just South of Riped Five Lane

16.29 chs N to N 1/4 (Dorr's change)

Random South from $\frac{35}{36}$ I.P. Bldg

Bearing S 20° 30' E

75.64 chs fall 7 1/4 lks E of
corner.

16.59 Dorr's (change) N 1/16

Pt 10 S 15° E 1.77 ch

Pt 13 N 11° E 1.45 ch

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3667 Dorr's change E 1/4 I.P. Bldg

Pt 6 N 24° W 1.68 ch

55.85 1/2 chs S 1/16

Pt 5 S 72° W 1.35 ch

75.64 sec cor. (I.P. Bldg)

True Bearing S 2° 26' E

Random E from W 1/4 Bearing
N 75° E

77.87 chs fall 10 1/2 lks N of
E 1/4

19.48 1/2 1/16 Betw W 1/4 & C 1/4

38.97 C 1/4

58.42 1/16 Betw C 1/4 & E 1/4

old BT stump south of corner

77.87 E 1/4

Random South from 1/16 A.L. W 1/4
& C 1/4 Bearing S 30° 30' E

37.05 chs fall 3 lks E of W 1/4 on
South Line.

Set C 1/16 of SW 1/4 at 19.52 1/2 chs

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Random E from $\frac{1}{16}$ Betw S
 & c/4 Bearing $N 85^{\circ} 10' E$
 at 38.73 chs fall $5\frac{1}{2}$ lks S
 of $\frac{3}{16}$ on E line
 Set c/16 of SE $\frac{1}{4}$ at 1936 $\frac{1}{2}$ chs
 P 14 $555^{\circ} E$ 24 lks
 P 16 N 78 lks

Random West from N $\frac{1}{16}$ on
 E Line Bearing $S 84^{\circ} 37' W$ at
 39.14 chs fall $14\frac{3}{4}$ lks N of
 $\frac{1}{16}$ Betw c/4 & N $\frac{1}{4}$
 Set c/16 of NE $\frac{1}{4}$ at 1955 chs
 P (scrub) 6 $525^{\circ} W$ 1.02 ch

Random South from c/16 of NE $\frac{1}{4}$
 to $\frac{1}{16}$ Betw c/4 & E $\frac{1}{4}$ Bearing
 $53^{\circ} E$ Fall 11 lks E of
 corner - Blazed Tree Line

Finish Ag. 6" 141'	56
N 32° W	
141'	
S 51° W	
(w/4 sec 1)	

135

Sec 1 T37N R9E 67

Corrected notes from previous
 survey - Pages 44 & 45
 Lotus - Alexander & Melcher
 Transit & 2 chain Taps
 Jan 10 - 1956

Found sec cor 36/31 to be
 improperly located according
 to Davis notes of 1890

Random North from E $\frac{1}{4}$
 corner through Davis $\frac{1}{16}$ corner
 a stake is $1\frac{1}{16}$ round mark.
 Dorr had 19.92 $\frac{1}{2}$ chs to the $\frac{1}{16}$
 & 17.17 $\frac{1}{2}$ chs to sec corner

Chain checked so we continued
 North the proper distance &
 set sec corner common to

36/31 Bearing $N 1^{\circ} 6' 50" E$

1/6 This corner is located
 92 lks N & 48 lks E of wooden
 post set before by hand compass
 & pacing

Random East from $\frac{31}{36}$ Bearing
 $N 87^{\circ} 15' E$ 79.235 chs fall 1325'
 N of this corner

True Bearing $N 88^{\circ} 14' E$

136

178 chs N 1/4

P. 7 S 15° E 89 1/2 Ks

T. 6 N 30° W 70 1/2 Ks

39.62 chs N 1/4 I.P. Br. Cap.

Sb 5 S 9° E 20 1/2 Ks

Sb 5 N 61° E 18 3/4 Ks

59.42 3/4 E 1/16

T. 4 S 82° E 5 1/2 Ks

T. 4 S 72° W 39 1/2 Ks

Random West from 2/16 Bearing S 87° W

at 76 336 chains Fall 3 225 chs

N of corner

38.1675 set 1/4 corner I.P. Br. Cap

True Bearing S 86° 35' W

Random South from N 1/4 Bearing
50° 10' W

76.31 chs Fall 155 1/2 West of
S. E. corner

16.87 set 1/16 R. W. c 1/4 N 1/4

T. 8 S 30° W 76 Ks

T. 5 S 62° W 79 Ks

36.58 set c 1/4 I.P. Br. cap.

P. 6 S 57° E 37 1/2 Ks

P. 5 N 86° W 27 Ks

56.40 1/2 1/16 R. W. c 1/4 N 1/4 65

T. 5 N 50° E 95 Ks

T. 3 N 119° W 32 Ks

True Bearing S 1° E

Random E. from a point 35 Ks

N of the N 1/4 Bearing N 82° E

76.89 chs Fall 161 South of E 1/4

Corner Bearing N 89° 45' E

19.47 1/2 1/16 R. W. c 1/4 N 1/4

P. 12 N 54° E 99 Ks

P. 11 S 12° W 97 1/2 Ks

38.95 ch c 1/4

Random East from a point

95 Ks North of the N 1/4 on

the West line Fall 78 Ks

N of the location of the

c 1/16 of the N 1/4. Point

The c 1/16 of the N 1/4 in proper

location & placed three lines

between corner. 87 chs of N 1/4

Random N. to c 1/16 of N 1/4

Bearing N 19° 30' W Fall 4 Ks E

of corner. Corrected N 1/4

Finished 1-18-56

138

137

Sec 24 T37 N R 9 E

Lattus Alexander & Metcalf

Transit & 2 chain tape

1-18-56

Random West from East $\frac{1}{4}$
corner bearing $N 89^{\circ} W$
at 53.33 chs fall 61 Nc
N of $\frac{1}{4}$ corner

Set posts marked $\frac{1}{4}$ line
at 30.33 $\frac{1}{4}$ chs 41.66 $\frac{1}{2}$ chs
& 62.49 $\frac{3}{4}$ chs.

Corrected & blazed line
True Bearing $N 89^{\circ} 25' W$
Finished 1-20-56

139

Sec 24 T38 N R 1 E 69.

2 chain tape

Lattus Alexander & Metcalf

Feb 6, 1956

Chaining North line from the
NE corner ^{west} in center of T road.
I P & brass cap located 50 links
East of corner. B.T. stump in
Fence corner SW of corner.

32.29 Iron pipe 50 links N of
C of road

78.45 Fence corner & I.P. Located
on west edge of East Lake road

64.58 Sec corner

3' x 3' post & $\frac{1}{2}$ x $\frac{1}{2}$ scribed
post corner is 50 links North
in C of road. I set a 2 inch
I Pipe here & a location marker

Random South from $\frac{1}{4}$ / $\frac{1}{3}$ Bearing
 $S 4^{\circ} 30' E$ at 77.34 $\frac{23}{24}$ chs fall 106
chs E of Sec cor $\frac{23}{24}$ / $\frac{25}$

38.63 chs $\frac{1}{4}$ corner
Location in center of East
Lake

140

173
122
37-9 & 37-10

• Random Sect from 12/7

Bearing $177^{\circ} 25'$ Mag. to
a Hub chs. then

• offset onto Road Bearing 190° Mag.

Sol picket 1948 on Bearing $177^{\circ} 25'$

• 31.69 chs offset 481 Road Bear. 1888

58.94 picket for 1/4 corner

53.94 picket for 5/16

73.94 picket for 20' corner

95.94 picket for 1/16

121.83 chs Sell 50 1/4 E of corner

SLOPE CORRECTION TABLE

20
7
100

Abney Reading(%)	Slope Distance	Advance per chain ft.	"	Abney Reading(%)	Slope Distance	Advance per chain ft.
0.0	0.0	0.0	"	52.5	74.5	8.5
2.5	66.0	0.0	"	55.0	75.2	9.2
5.0	66.1	0.1	"	57.5	76.0	10.0
7.5	66.2	0.2	"	60.0	77.0	11.0
10.0	66.3	0.3	"	62.5	78.0	12.0
12.5	66.5	0.5	"	65.0	78.9	12.9
15.0	66.7	0.7	"	67.5	79.8	13.8
17.5	67.0	1.0	"	70.0	80.5	14.5
20.	67.4	1.4	"	72.5	81.5	15.5
22.5	67.7	1.7	"	75.0	82.4	16.4
25.0	68.0	2.0	"	77.5	83.4	17.4
27.5	68.5	2.5	"	80.0	84.4	18.4
30.	69.0	3.0	"	82.5	85.5	19.5
32.5	69.5	3.5	"	85.0	86.6	20.6
35.0	70.0	4.0	"	87.5	88.0	22.0
37.5	70.5	4.5	"	90.0	88.8	22.8
40.0	71.0	5.0	"	92.5	89.8	23.8
42.5	71.8	5.8	"	95.0	91.0	25.0
45.0	72.4	6.4	"	97.5	92.2	26.2
47.5	73.2	7.2	"	100.0	93.5	27.5
50.0	73.9	7.9	"			

(on NE quadrant)
Running East falling South of post subtract
" " " " North of post add

SW quadrant

Running west falling North of post subtract

8 5 4
8 7 5
1 3 1
5 5 5 6

12.52 ch set M.C. on N
shore of Lost Lake No BTs
near appears to be extremely
wet here.

66.39 chs set M.C. on South
Shore Lost Lake

BTs Pr 9 S 82° W 44 1/2 Ks

Pr 9 N 60° E 42 Ks

True Bearing is 53° 47' E

Random South from $\frac{13}{18}$

Bearing 52° 25' E

of 39.96 chs full 2 Ks E of old
top of origin unknown

New BTs Co 8 S 49° E 30 Ks

Co 7 N 31° E 55 Ks

1978 chs N 1/4

Continued line & set temp post
(explained later)

See cor at 79.34 chs

BTs To 6 S 12° W 63 Ks

To 10 N 11° W 63 1/2 Ks

Sb 6 S 79° W 54 Ks

S 1/4 on line at 59.89 chs

BTs Sb 2 1/2 N 30° E 14 Ks

Sb 2 1/2 S 70° W 26 Ks

True bearing of N 1/4 52° 25' E

S 1/2 50° 40' E

141

70

Random E from W 1/4 cor
Bearing N 89° 00' E at 63.18
chs Full 16 Ks N of E 1/4 corner
Set M.C. on E shore Lost Lake at 8 chs

BTs Mo 6 S 79° W 43 Ks

Ash 10 N 2° E 62 Ks

Set c 1/4 at 31.47 chs

BTs He 5 S 20° W 64 Ks

Ms 12 N 20° W 33 Ks

Set 1/16 bitw c 1/4 & W 1/4 at 15.79 chs 2" IP

BTs Ch 5 N 3° W 31 1/2 Ks

Ash 5 S 5° W 31 1/2 Ks

Set 1/16 bitw c 1/4 & E 1/4 at 47.27 chs 2" IP

BTs Co 4 S 28° W 26 1/2 Ks

Ms 8 N 45° W 95 Ks

True Bearing N 89° 14' 30" E

A fence bearing W lies 12 Ks

E of our Iron pipe

Random East from $\frac{23}{24}$ a

well point in fence corner
origin unknown

New BTs Ms 6 N 55° W 74 Ks

Mr 3 N 43° E 41 Ks

Bearing 70° E at 60.75 chs

Full 6 Ks North of our corner

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15.33 chs set $\frac{1}{16}$
 Bts T₈ 8 S 70° E 11 $\frac{1}{2}$ lks
 Double T₅ 5 N 50° W 7 lks
 18.34 chs d. of creek. -
 30.66 set $\frac{5}{16}$ corner
 Bts M₈ 8 S 20° E 47 lks
 M₆ 6 N 88° W 74 $\frac{1}{2}$ lks
 45.70 $\frac{1}{16}$ chs old scribed corner
 & BT stump; origin unknown
 New Bts
 C₉ 9 N 30° W 22 lks
 C₇ 7 N 76° E 44 $\frac{1}{2}$ lks
 True Bearing 589° 23' E
 Random South from N $\frac{1}{4}$ corner
 and 2" Iron Pipe lying 50 lks N of
 the $\frac{1}{2}$ of road Bearing 52° 15' E
 at 78.42 chs full 1, 27 $\frac{1}{2}$ chs
 west of our $\frac{5}{16}$
 19.61 $\frac{1}{16}$ chs set $\frac{1}{16}$ betw N $\frac{1}{4}$ & C $\frac{1}{4}$
 1" Iron Pipe Bts
 M₈ 8 S 34° W 37 lks
 M₇ 7 N 70° E 45 lks
 39.23 chs C $\frac{1}{4}$
 58.82 $\frac{1}{2}$ set $\frac{1}{16}$ betw C $\frac{1}{4}$ & S $\frac{1}{4}$

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71

Bts C₆ 6 N 23° W 45 lks
 C₆ 6 N 85° W 77 lks
 True Bearing 53° 15' E
 Random West from $\frac{1}{16}$ betw
 C $\frac{1}{4}$ & S $\frac{1}{4}$ Bearing 589° 15' W
 at 31.06 chs full 19 $\frac{1}{2}$ lks
 south of $\frac{1}{16}$ location in east lks
 Set MC 5 chs east of $\frac{1}{16}$
 location in date. Placed a
 Pw - no scribe tool.
 Set the interior $\frac{1}{16}$ of S $\frac{1}{4}$ $\frac{1}{16}$
 at the midway mark of 15.53
 chs No Bts
 True bearing 589° 37' W
 Hinges has been trees removed
 the NW SE & SE SW of this
 section
 To get the corner $\frac{24}{19}$ T₁₉
 $\frac{25}{30}$
 from the section line between
 Sec 19 & 30 T₃₈ N R₂₂ E - 1 $\frac{1}{2}$
 East line of Sec. 25 - 38 - 9
 as explained on the next 7 pages
 on the survey of Sec's 19 & 30

144

Sec 30 T38 N R10E

R & 2 chain Taps

Left Alexander Drives to Metacher

March 19-1956

Random N Btw sec 25 T38 R9E

& sec 30 T38 R10E

Bearing N30°W

40.47 chs fell 36 1/4 lks East of

Vaughan 1/4 corner

Old BT stump N35°E 68 lks

New BTs

Sb3 S65°W 14 lks

Ta3 N35°W 48 lks

Continued line North

36.72 chs fell 2 lks E of corner

20.23 1/2 set S 1/16 - old corner scribed

New BTs

Sb3 S84°E 33 lks

Sb4 N65°E 44 lks

60.70 1/2 chs set N 1/16 corner lks

in south wheel tract of Brown Fire

lms. set I.P. & location marker

in South ditch

BTs

Ta5 S51°W 60 1/2 lks

Ta7 N30°W 62 lks

145

72

^{23/30}/_{2/3} Placed log screw in R. - 1/4 cor
in E of L road

BT Light pole N20°W 38 lks

True Bearing N to 1/4 cor N2°31'W

True Bearing from Yucca 1/4 N12°W

Random West From ^{12/20}/₂₁ Bearing

N85°15'W. Fell 72 lks South
of our corner

After running the N-S 1/4 line

we find this line parallels our

South Line more or less in

accordance with Vaughan survey

& evidence at N 1/4 & E 1/4.

True Bearing W to 1/4 cor is N89°17'W

True Bearing W from 1/4 to sec cor N29°17'W

20.50 old post in Alder

BTs Ta7 S21°W 31 1/2 lks

Sb6 N7°E 74 lks

40.85 1/4 corner some evidence of location

BTs Ta7 N17°E 13 lks

Sb3 S60°W 11 lks

61.55 1/2 W 1/16

BT Ta8 S52°W 9 lks

Total Distance 82.26 chs

146

Bearing of South line along
 Block of E to 1/4 corner
 S 81° 18' E set wooden post
 21 links S of corner location
 W 1/6 at 20.51 according to Vaughans
 notes
 S 1/4 at 41.02 according to Vaughans
 notes

Continued East Bearing N 89° 05' E
 to intersection of T road
 supposedly the Sec corner
 location 40.69 chs
 E 1/6 at 20.34 chs from P. on
 on N edge of road.

Random North from $\frac{30 \frac{1}{2}}{31 \frac{1}{2}}$ Bearing
 N 2° 02' W - 78.04 chs Fall 89 lks
 West of Sec cor
 58.53 chs set N 1/6 in E-W fence
 Line. B.Ts S 63 N 55° W 92 lks
 Top 3 N 47° E 27 1/2 lks
 39.02 chs E 1/4 20 lks N of fence
 corner
 corner post bears S 3° E
 19.51 chs S 1/6
 137 P. 8 N 32° E
 True Bearing N 1° 29' 30" W
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Random N from S 1/4 Bearing 75

N 1° 29' W 79.33 Fall 37 lks
 East of our 1/4 corner
 21.64 set 1/6 B.T. W S 1/2 x 2 lks
 B.Ts S 65 S 48° E 5 lks
 S 64 N 21° W 14 lks
 43.25 set 2 lks
 B.T. Ta 5 S 53° E 23 1/2 lks
 S 6 3/2 N 40° W 21 lks
 61.30 1/2 set 1/6 B.T. W C 1/4 9 N 1/4
 Ta 4 S 41° W 10 lks
 Ta 4 N 44° E 28 lks

79.33 N 1/4 post
 True Bearing N 1° 44' W

Random West from E 1/4 Bearing
 N 86° 37' W at 52.00 chs Fall 1.59
 South of West 1/4 cor
 1/6 B.T. W 1/2 S 1/4 at 61.38 1/2
 on West edge of shallow spring
 B.Ts Ta 5 N 15° E 47 lks
 S 63 S 80° W 25 lks
 1/6 B.T. W C 1/4 x E 1/4 at 20.38 chs
 B.Ts Ce 4 S 72° W 38 lks
 Ce 4 S 11° E 20 lks

(over)

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73 1/2

c/4 to W 1/4 41.23 chs
 c/4 to E 1/4 40.77 chs
 True Bearing N 85° 31' W
 Random N from E 1/16 on South
 Line Bearing N 2° 05' W
 20.52 1/2 chs c/16 of SE 1/4 near
 Fence corner
 41.05 1/16 Betw c/4 & E 1/4
 59.86 1/4 c/16 of NE 1/4
 BTs To 4 N 25° W 94 1/2 Ks
 To 4 N 26° E 103 1/2 Ks
 78.67 1/2 E 1/16 on North line
 Random West from S 1/16 on East
 Line Bearing N 88° 16' W Full
 14 1/2 Ks North of 1/16 Betw c/4
 & S 1/4
 20.38 1/2 chs to c/16 of SE 1/4
 20.33 to 1/16 Betw c/4 & S 1/4
 Placed True line
 Random West from 1/16 Betw
 c/4 & S 1/4 Bearing N 82° 15' W
 Fell 70 lake N of S 1/16 on West
 Line at 41.13 chs
 Set c/16 of SW 1/4 at 20.56 1/2 chs
 149 BT. SB 4 N 58° W 87 1/2 Ks 2 I.P.
 in Fence line

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True Bearing N 83° 12' W

Sec 19 T 38 N R 10 E
 Lottus Alexander Metcher
 Random E from 13/16 E corner
 11/19
 S 88° 35' E at 81 30 chs full
 8 1/2 1/2 Ks South of 13/16
 13/25
 60.90 E 1/16 1" IP in field
 BTs RW 5 N 74° E 64 1/2 Ks
 Bu 7 S 30° E 79 1/2 Ks
 40.60 1/4 corner 1" IP at W
 base of 10" A
 BTs FB 5 S 15° W 29 1/2 Ks
 FB 2 1/2 N 29° E 12 1/2 Ks
 20.20 W 1/16 1 1/2" IP
 BTs 12" Fence post 15 1/2 Ks West
 of Fence corner
 Basswood 4 N 23° E 112 1/2 Ks

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Random West from N $\frac{1}{4}$ betw

19/20 Bearing $N 87^{\circ} 30' W$

80.90 chs. Fall $28\frac{1}{2}$ lks

N of N $\frac{1}{16}$ betw 24/19

20.14 c $\frac{1}{16}$ NW $\frac{1}{4}$ 1" IP

40.00 chs 3' creek.

40.27 chs $\frac{1}{16}$ betw c $\frac{1}{16}$ & N $\frac{1}{4}$ 1" IP

RT: PW 13 $S 30^{\circ} E$ 49 lks

Elm 7 $N 30^{\circ} E$ 97 $\frac{1}{2}$ lks

60.58 chs c $\frac{1}{16}$ of NE $\frac{1}{4}$ 1" IP

RT: SW 3" $S 25^{\circ} W$ 49 lks

SW 3" $S 75^{\circ} E$ 24 $\frac{1}{2}$ lks

Bearing of East line of Sec

19 $S 1^{\circ} 30' E$

N $\frac{1}{16}$ betw 24/19 1" IP at
around level in road.

NW corner of log house bears

$S 22^{\circ} E$ 248 $\frac{1}{2}$ lks

A fence bearing $N 87^{\circ} E$

32 $\frac{1}{2}$ lks from corner post

Finished Feb 28, 1956.

Sec 16 T38 N R10E 75

2 chain tape

Aditus Drives Alexander Mats bar

Random West From SE corner

Sec 16 Bearing $N 86^{\circ} 30' W$

at 72.94 chs Fall 34 lks south

of $\frac{1}{16}$
20/21

18.23 $\frac{1}{2}$ East $\frac{1}{16}$ in A of Hwy

A East gate post at 200 chs

Bears 181° Mag.

36.47 - $\frac{1}{4}$ corner

RT: No 5 $S 17^{\circ} E$ 85 lks

similarly $S 13^{\circ} E$ 346 chs

54.70 $\frac{1}{2}$ W $\frac{1}{16}$ Bur board & side

RT:

Feb 4 $N 74^{\circ} E$ 8 $\frac{1}{2}$ lks

Feb 3 $N 35^{\circ} W$ 12 $\frac{1}{2}$ lks

Sec 16 cont.

Random N from West $\frac{1}{16}$ on
South Line Bearing $N 0^{\circ} 30' W$
Did not chain or correct
line.

Lotus Drive Fulstall (Kinty - Wike)

Sec 32 T38N R9E

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R x 2 chain tape Hot windy
Random South from $\frac{1}{16}$ at 29.28
510' at 32.53 Bearing

86.41 $\frac{1}{2}$ chs Fe 11 57 / Ks. West
of sec cor.

Set N $\frac{1}{16}$ at 21.56 $\frac{3}{4}$

Set W $\frac{1}{9}$ at 43.13 $\frac{1}{2}$

Set S $\frac{1}{16}$ at 64.77 $\frac{1}{2}$

BTs $\frac{1}{16}$

Pwb $S 20^{\circ} W$ 77 Ks

Mr $S 53^{\circ} E$ 32 Ks

BTs $\frac{1}{16}$

Sb 6 $N 89^{\circ} W$ 106 Ft

Ay 6 $N 87^{\circ} E$ 38 Ft

Corrected Bearing $S 9^{\circ} 37' 20'' N$

Blind true line from Sec Cor to $\frac{1}{16}$

Random E from $\frac{1}{16}$ at 32.33

Bearing $N 85^{\circ} E$ at 20.65 chs

Fe 11 0.98 chs N of $\frac{1}{16}$ corner
of the NW $\frac{1}{4}$

Corrected line

Brushed & chained from
 the $\frac{1}{16}$ betw $e\frac{1}{4}$ & $w\frac{1}{4}$ North
 to the $w\frac{1}{16}$ on N line
 started at a fence corner which
 coincides with Dorris notes
 Set the $e\frac{1}{16}$ of $NW\frac{1}{4}$ at
 21.77 $\frac{1}{4}$ chs Total Distance
 43.54 $\frac{1}{2}$ chs
 $w\frac{1}{16}$ on N line is a 3" square
 Hdwd post 2' High.

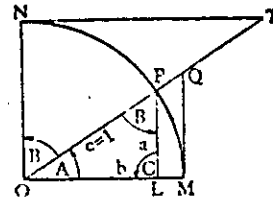


TABLE II

TRIGONOMETRIC FORMULAE

$\angle A = \angle MOP$ $\angle B = \angle PON = \angle OPL$
 $c = OP = OM = ON = 1$

$\sin A = \frac{a}{c} = \frac{a}{1} = a = \cos B = LP$

$\cos A = \frac{b}{c} = \frac{b}{1} = b = \sin B = OL$

$\tan A = \frac{a}{b} = \frac{MQ}{OM} = \frac{MQ}{1} = MQ = \cot B$

$\cot A = \frac{NT}{ON} = \frac{NT}{1} = NT = \tan B$

$\sec A = \frac{OQ}{OM} = \frac{OQ}{1} = OQ = \csc B$

$\csc A = \frac{OT}{ON} = \frac{OT}{1} = OT = \sec B$

$\text{vers } A = \frac{LM}{OP} = LM = \text{covers } B$

$\text{covers } A = \frac{OP - LP}{OP} = OP - LP = \text{vers } B$

$\text{exsec } A = PQ = \text{coexsec } B$

$\text{coexsec } A = PT = \text{exsec } B$

$\sin \frac{1}{2}A = \sqrt{\frac{1 - \cos A}{2}}$ $\cos \frac{1}{2}A = \sqrt{\frac{1 + \cos A}{2}}$

$\sin 2A = 2 \sin A \cos A$ $\cos 2A = \cos^2 A - \sin^2 A$

Law of Sines $\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$

Law of Cosines $c^2 = a^2 + b^2 - 2ab \cos C$

Law of Tangents $\frac{a+b}{a-b} = \frac{\tan \frac{1}{2}(A+B)}{\tan \frac{1}{2}(A-B)}$