75

75

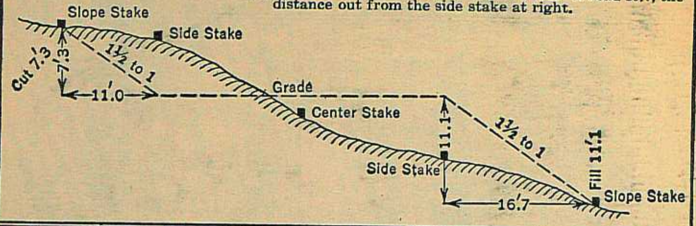
1950-2

№ 5

## DISTANCES FROM SIDE STAKES FOR CROSS - SECTIONING

**Roadway of any Width. Side Slopes 1½ to 1.**

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.




| Cut or Fill | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | Cut or Fill |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Distance out from Side or Shoulder Stake | | | | | | | | | | |
| 0 | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 0.9 | 1.1 | 1.2 | 1.4 | 0 |
| 1 | 1.5 | 1.7 | 1.8 | 2.0 | 2.1 | 2.3 | 2.4 | 2.6 | 2.7 | 2.9 | 1 |
| 2 | 3.0 | 3.2 | 3.3 | 3.5 | 3.6 | 3.8 | 3.9 | 4.1 | 4.2 | 4.4 | 2 |
| 3 | 4.5 | 4.7 | 4.8 | 5.0 | 5.1 | 5.3 | 5.4 | 5.6 | 5.7 | 5.9 | 3 |
| 4 | 6.0 | 6.2 | 6.3 | 6.5 | 6.6 | 6.8 | 6.9 | 7.1 | 7.2 | 7.4 | 4 |
| 5 | 7.5 | 7.7 | 7.8 | 8.0 | 8.1 | 8.3 | 8.4 | 8.6 | 8.7 | 8.9 | 5 |
| 6 | 9.0 | 9.2 | 9.3 | 9.5 | 9.6 | 9.8 | 9.9 | 10.1 | 10.2 | 10.4 | 6 |
| 7 | 10.5 | 10.7 | 10.8 | 11.0 | 11.1 | 11.3 | 11.4 | 11.6 | 11.7 | 11.9 | 7 |
| 8 | 12.0 | 12.2 | 12.3 | 12.5 | 12.6 | 12.8 | 12.9 | 13.1 | 13.2 | 13.4 | 8 |
| 9 | 13.5 | 13.7 | 13.8 | 14.0 | 14.1 | 14.3 | 14.4 | 14.6 | 14.7 | 14.9 | 9 |
| 10 | 15.0 | 15.2 | 15.3 | 15.5 | 15.6 | 15.8 | 15.9 | 16.1 | 16.2 | 16.4 | 10 |
| 11 | 16.5 | 16.7 | 16.8 | 17.0 | 17.1 | 17.3 | 17.4 | 17.6 | 17.7 | 17.9 | 11 |
| 12 | 18.0 | 18.2 | 18.3 | 18.5 | 18.6 | 18.8 | 18.9 | 19.1 | 19.2 | 19.4 | 12 |
| 13 | 19.5 | 19.7 | 19·8 | 20.0 | 20.1 | 20.3 | 20.4 | 20.6 | 20.7 | 20.9 | 13 |
| 14 | 21.0 | 21.2 | 21.3 | 21.5 | 21.6 | 21.8 | 21.9 | 22.1 | 22.2 | 22.4 | 14 |
| 15 | 22.5 | 22.7 | 22.8 | 23.0 | 23.1 | 23.3 | 23.4 | 23.6 | 23.7 | 23.9 | 15 |
| 16 | 24.0 | 24.2 | 24.3 | 24.5 | 24.6 | 24.8 | 24.9 | 25.1 | 25.2 | 25.4 | 16 |
| 17 | 25.5 | 25.7 | 25.8 | 26.0 | 26.1 | 26.3 | 26.4 | 26.6 | 26.7 | 26.9 | 17 |
| 18 | 27.0 | 27.2 | 27.3 | 27.5 | 27.6 | 27.8 | 27.9 | 28.1 | 28.2 | 28.4 | 18 |
| 19 | 28.5 | 28.7 | 28.8 | 29.0 | 29.1 | 29.3 | 29.4 | 29.6 | 29.7 | 29.9 | 19 |
| 20 | 30.0 | 30.2 | 30.3 | 30.5 | 30.6 | 30.8 | 30.9 | 31.1 | 31.2 | 31.4 | 20 |
| 21 | 31.5 | 31.7 | 31.8 | 32.0 | 32.1 | 32.3 | 32.4 | 32.6 | 32.7 | 32.9 | 21 |
| 22 | 33.0 | 33.2 | 33.3 | 33.5 | 33.6 | 33.8 | 33.9 | 34.1 | 34.2 | 34.4 | 22 |
| 23 | 34.5 | 34.7 | 34.8 | 35.0 | 35.1 | 35.3 | 35.4 | 35.6 | 35.7 | 35.9 | 23 |
| 24 | 36.0 | 36.2 | 36.3 | 36.5 | 36.6 | 36.8 | 36.9 | 37.1 | 37.2 | 37.4 | 24 |
| 25 | 37.5 | 37.7 | 37.8 | 38.0 | 38.1 | 38.3 | 38.4 | 38.6 | 38.7 | 38.9 | 25 |
| 26 | 39.0 | 39.2 | 39.3 | 39.5 | 39.6 | 39.8 | 39.9 | 40.1 | 40.2 | 40.4 | 26 |
| 27 | 40.5 | 40.7 | 40.8 | 41.0 | 41.1 | 41.3 | 41.4 | 41.6 | 41.7 | 41.9 | 27 |
| 28 | 42.0 | 42.2 | 42.3 | 42.5 | 42.6 | 42.8 | 42.9 | 43.1 | 43.2 | 43.4 | 28 |
| 29 | 43.5 | 43.7 | 43.8 | 44.0 | 44.1 | 44.3 | 44.4 | 44.6 | 44.7 | 44.9 | 29 |
| 30 | 45.0 | 45.2 | 45.3 | 45.5 | 45.6 | 45.8 | 45.9 | 46.1 | 46.2 | 46.4 | 30 |
| 31 | 46.5 | 46.7 | 46.8 | 47.0 | 47.1 | 47.3 | 47.4 | 47.6 | 47.7 | 47.9 | 31 |
| 32 | 48.0 | 48.2 | 48.3 | 48.5 | 48.6 | 48.8 | 48.9 | 49.1 | 49.2 | 49.4 | 32 |
| 33 | 49.5 | 49.7 | 49.8 | 50.0 | 50.1 | 50.3 | 50.4 | 50.6 | 50.7 | 50.9 | 33 |
| 34 | 51.0 | 51.2 | 51.3 | 51.5 | 51.6 | 51.8 | 51.9 | 52.1 | 52.2 | 52.4 | 34 |
| 35 | 52.5 | 52.7 | 52.8 | 53.0 | 53.1 | 53.3 | 53.4 | 53.6 | 53.7 | 53.9 | 35 |
| 36 | 54.0 | 54.2 | 54.3 | 54.5 | 54.6 | 54.8 | 54.9 | 55.1 | 55.2 | 55.4 | 36 |
| 37 | 55.5 | 55.7 | 55.8 | 56.0 | 56.1 | 56.3 | 56.4 | 56.6 | 56.7 | 56.9 | 37 |
| 38 | 57.0 | 57.2 | 57.3 | 57.5 | 57.6 | 57.8 | 57.9 | 58.1 | 58.2 | 58.4 | 38 |
| 39 | 58.5 | 58.7 | 58.8 | 59.0 | 59.1 | 59.3 | 59.4 | 59.6 | 59.7 | 59.9 | 39 |
| 40 | 60.0 | 60.2 | 60.3 | 60.5 | 60.6 | 60.8 | 60.9 | 61.1 | 61.2 | 61.4 | 40 |

KEUFFEL & ESSER CO., N. Y.

For Curve Tables see end of book

Eugene Schaub
Logan Utah

1950 – 2

The paper in this book **No. 360**
is made of **100%** high grade rag stock
with a **WATER RESISTING** surface sizing.

In th
from

Cut or Fill

0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
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30
31
32
33
34
35
36
37
38
39
40



Mower Service

1318

Left with Peterson

6-22 - 50

4 270 22.50

3 166°50 98.8 N13°10W

0° 3.8

2 287° 159

19262

N1 142.62

9262

For Curve Tables see end of book



Soil borings

6-20-50 Safeway

N main [illegible] Bek

A frame 281.25

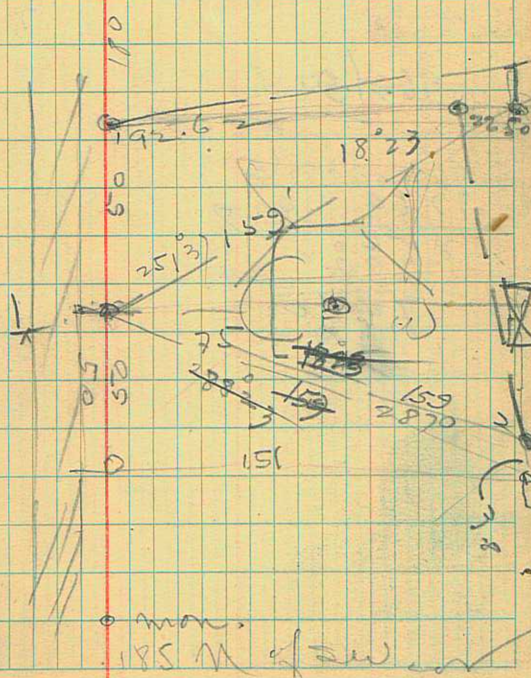
270 500 151 142.62

1823

hole 3

N 96.2

hole 2



287
276

151 ) 956 ( 159
951
5540
4780
8600
7604
952

306
151
306
1530
306
46206
50

159
50
462
38

96.2 ) .97 (
9

96.20 ( .97
8766 ( 98.8
8540
7792
9480 ( 99.
7992

90

462
50
96.20 ( .97

0.23
96.2
468
1406
2106
22.5108

For Curve Tables see end of book

Hole #1

| | | |
|---|---|---|
| mean sfc 0-1 | Humus | |
| 1-2 | " + some clay | |
| 2-3 | 5 o/o Humus 95 o/o | + sand |
| 3-4 | clay + sand | |
| 4-5 | mostly clay | re clay |
| 5-6 light brown | clay | " |
| 6-7 | clay | but a little more $H_2O$ |
| 7-8 | " | tinted with organic substance |
| 8-9 | " more | $H_2O$ but still compact |
| 9-10 | " | " |
| 10-11 | | $H_2O$ table at about 10.5 |
| 11-12 | | |
| 12-13 | clay | clay - with some sand & $H_2O$ |

6-27-50
even 9.4 ft from
lawn surface to $H_2O$

.18
96
16
.0216
.78
2048
1792
.013968
.014
.014 h = .006 00/...

.05
.05
.0025
.78
200
175
.001950
.002
3
.006 cu ft
.014
.5
.0070

## Hole #2

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
5 - 6
7 - 8
8 - 9
9 - 10
10 - 11
11 - 12
12 - 13

7.5' contour to $H_2O$

Y = yellow 6 - 20 - 1959

Humdus
Y clay 50 % Humus 50 %
Clay 9 10 % humus Ridg
yellow clay sandy
sandy Y clay –
" " "
Ridg = R
sandy Y clay – Wet at 8'
" Y " "
wet Y rsh clay
harder but not $H_2O$
medium " ~~Wet~~ Wet
Clay wet.

6 - 23 - 50

Hole #3

0-1
1-2
2-3
3-4
4-5
5-6
6-7
7-8
9-10
10-11
11-12
12-13

6.8' to $H_2O$



6-22-1950

Very humus
Hard compact Y sandy clay
hard " " " 8
hard " " more of hollow
" " Y clay
" " " "
" " " "
" " more "
solft " clay
at 11' firmer Y " 8
firm clay in $H_2O$
clay " "

Hole #4

0-1
1-2
2-3
3-4
4-5
5-6
6-7
7-8
8-9
9-10
9-10

9.6' to $H_2O$



6-22-1950

Safeway bldg site
M Marsh Blk
39 A Farm 4 PM

Dry humus
" "
" " hard
Gray sandy Clay
" " "
Compact slightly Sandy Clay
" Brownish Clay with lime stone pebbles
compact " " " " "
not pro " " " Some "
5 PM 6-22-1950
Yellowish firm clay + Fe O

6-23-50

# Hole # 5

0 – 1
1 – 2
2 – 3
3 – 4
4 – 5
5 – 6
6 – 7
7 – 8
8 – 9
9 – 10
10 – 11
11 – 12

9.1 – .35 = 8.75 to $H_2O$

| | BM BS | FS | I.M | Elev. | HI |
|---|---|---|---|---|---|
| → E | | 1.88 | | 4522.85 | |
| Pt 5 | 4.83 | -4.26 | 3.16 | 4519.90 | 4524.73 |
| 4 | | | 4.07 | | |
| 3 | | | 3.10 | | |
| # 2 | | | 2.92 | | |
| # 1 | | | 4.92 | | |
| | 4.59 | | | 4519.57 | 4524.16 |



black humus
" sand yellowish clay
" Damp " sandy " clay
" Ruddy " Yish Clay
" Yish " + Darker Yellowish firm clay
Wet firm " clay
firm Wet " clay
$H_2O$ firm Yish - Brown Clay

9
35
875

Levels up Safeway test hole

| On RR $H_2O$ | Elv. $H_2O$ | Elev. on Contour |
|---|---|---|
| -11.91 | 4512.25 | 4521.00 |
| -13.67 | 4510.49 | 4520.09 |
| -9.90 | 4514.26 | 4521.06 |
| -10.42 | 4513.74 | 4521.24 |
| -14.32 | 4509.84 | 49.24 |

Drive on curb Geo Evertons

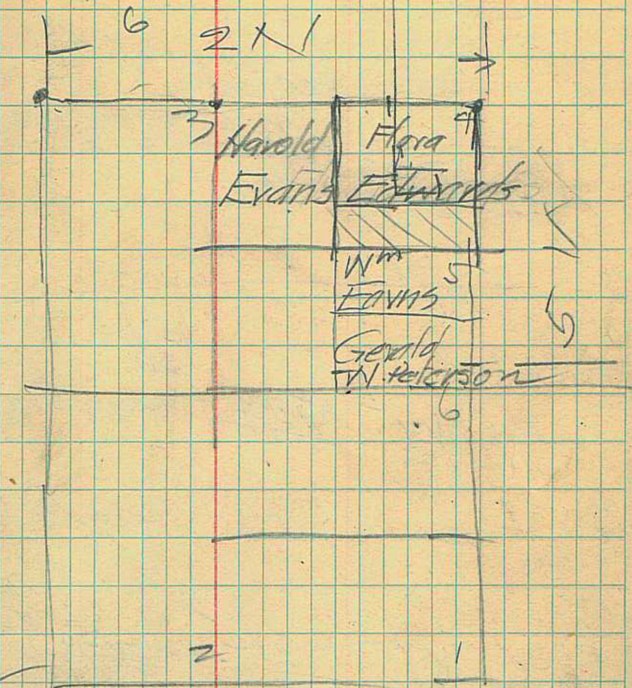
"
$37\frac{1}{2}$ N Evar Blk
$37\frac{1}{2}$ 24 to W side par
39
$33\frac{1}{2}$

25

24 N Evar

Gilbert P. Peterson
Carma M "

Survey for
Petty in lot "4"
Block 24 "A"
City 6-21-1950




(see over)

600.7

526.4

377.6

302.6

148.50

~~94.50~~ 93.50 nail & lead mark on West edge ...

O 9.5

Dist bet Sta.

W ½ ~~451.29~~ 450.8 remeasured and found to ...

282.95

IX 168.34 ~~167.8~~ 6-22-50

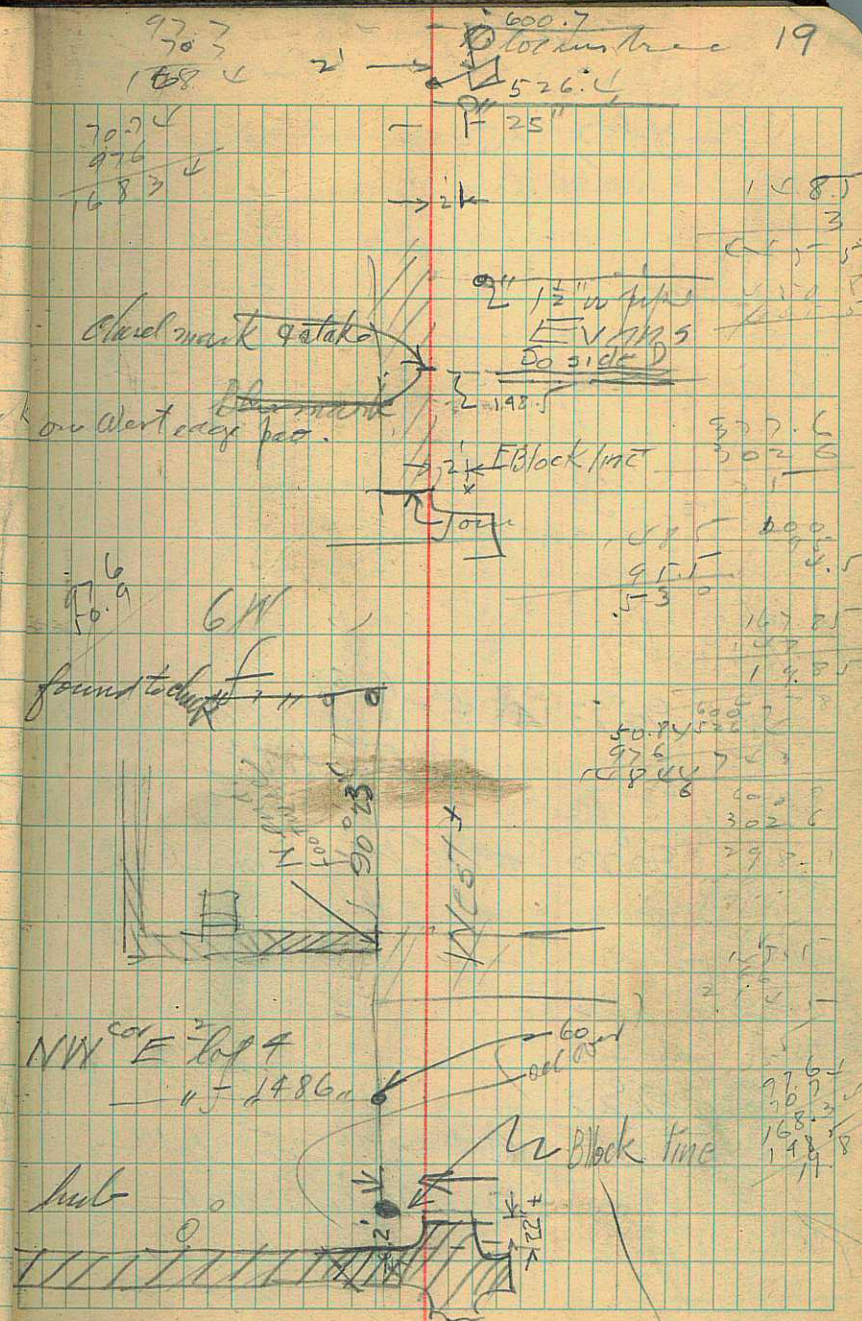
1984

W ½ 148.5

W ± ~~148~~ (50.9

97.6 } NW cor corner man.

O .0 0 97.6



Fred Petty
Blk 24 - A City

90°23 450

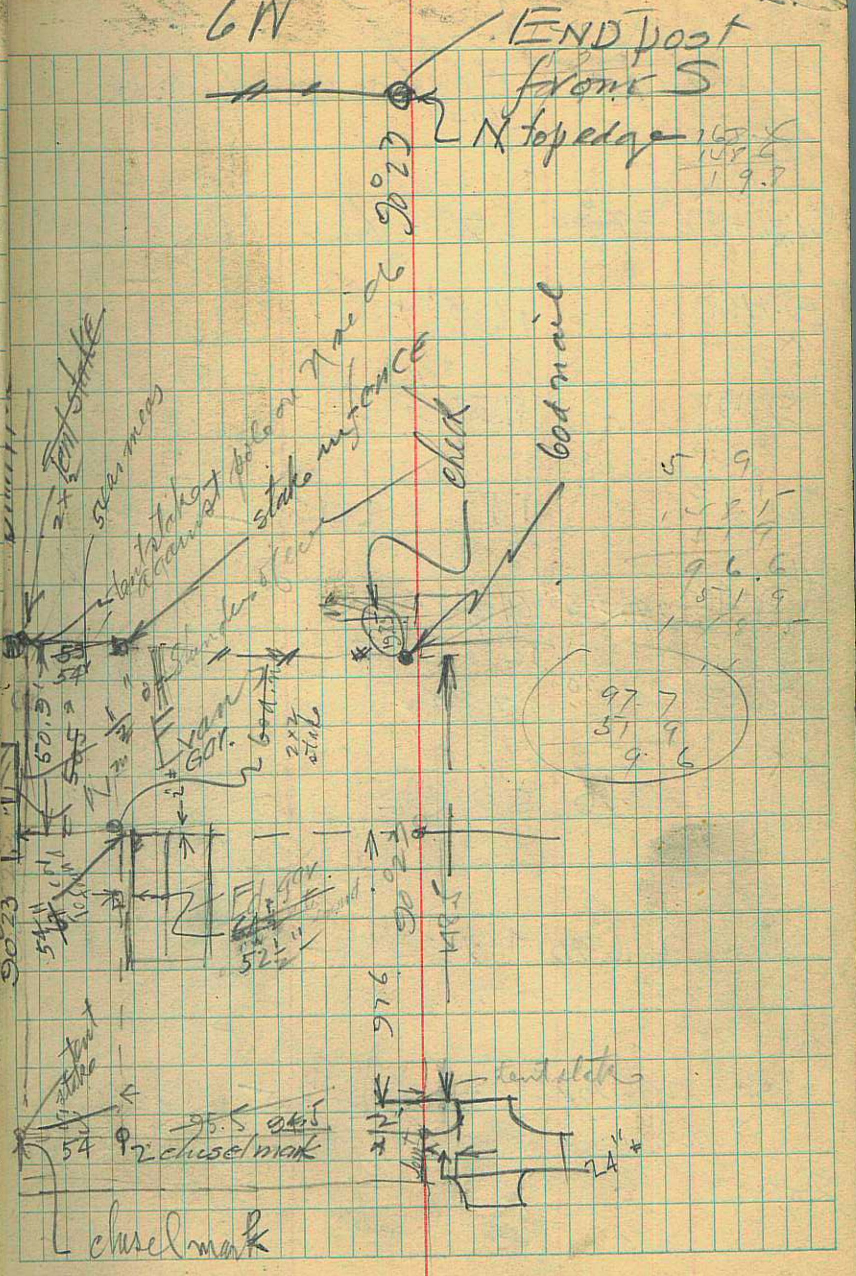
90°23 148.5 { old fence used at W line
E½ lot 4

90°23 97.6 { 60d nail
6-22-50

90°23

0h NE cor lot 4
-2 W line pav





K. C. Schaub

Sur. Continued from

| | | Dist | |
|---|---|---|---|
| #10 = 9+187 | 296°30 | 187 = base | △ |
| #9.+167 | | 167 | |
| #9+131 | | 131 | |
| #9+113 | | 113 | ℄ Row |
| #9+92 | 296°30 | 92 | |
| #9+62 | 296°30 | 62 | |
| | 296°30 | 50 Row | |
| | 296°30 | 43 | |
| | 296°30 | 23 | ℄ Row Row |

9x

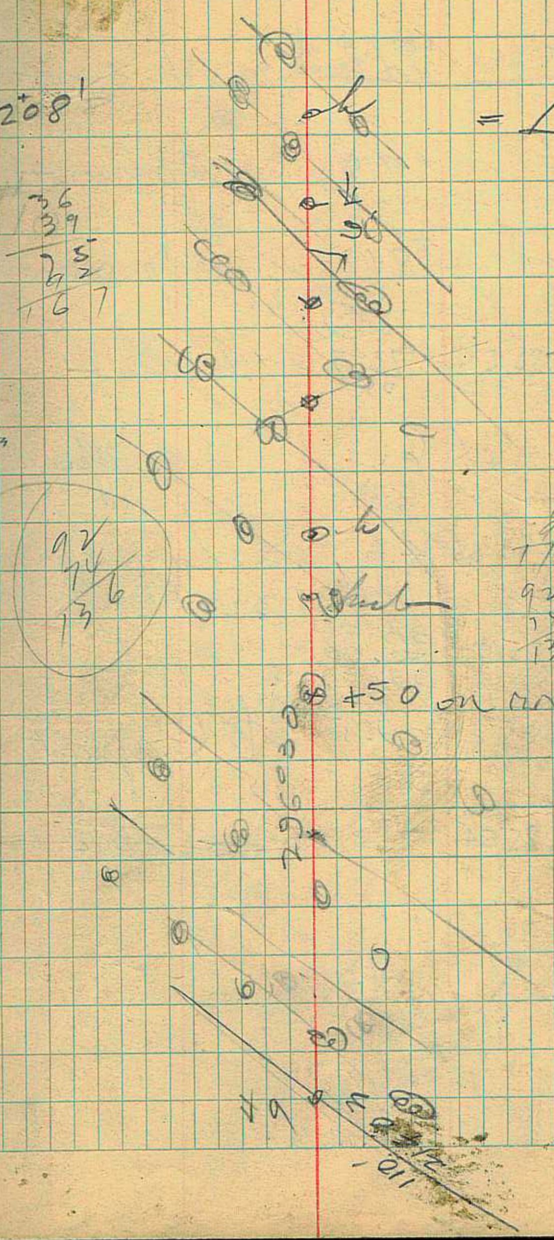


mon 8 E 10 N 4675.65

6-21-50

#9+208' = △

36
39
75
92
167




188
92
96
24
39
131

92
36
128

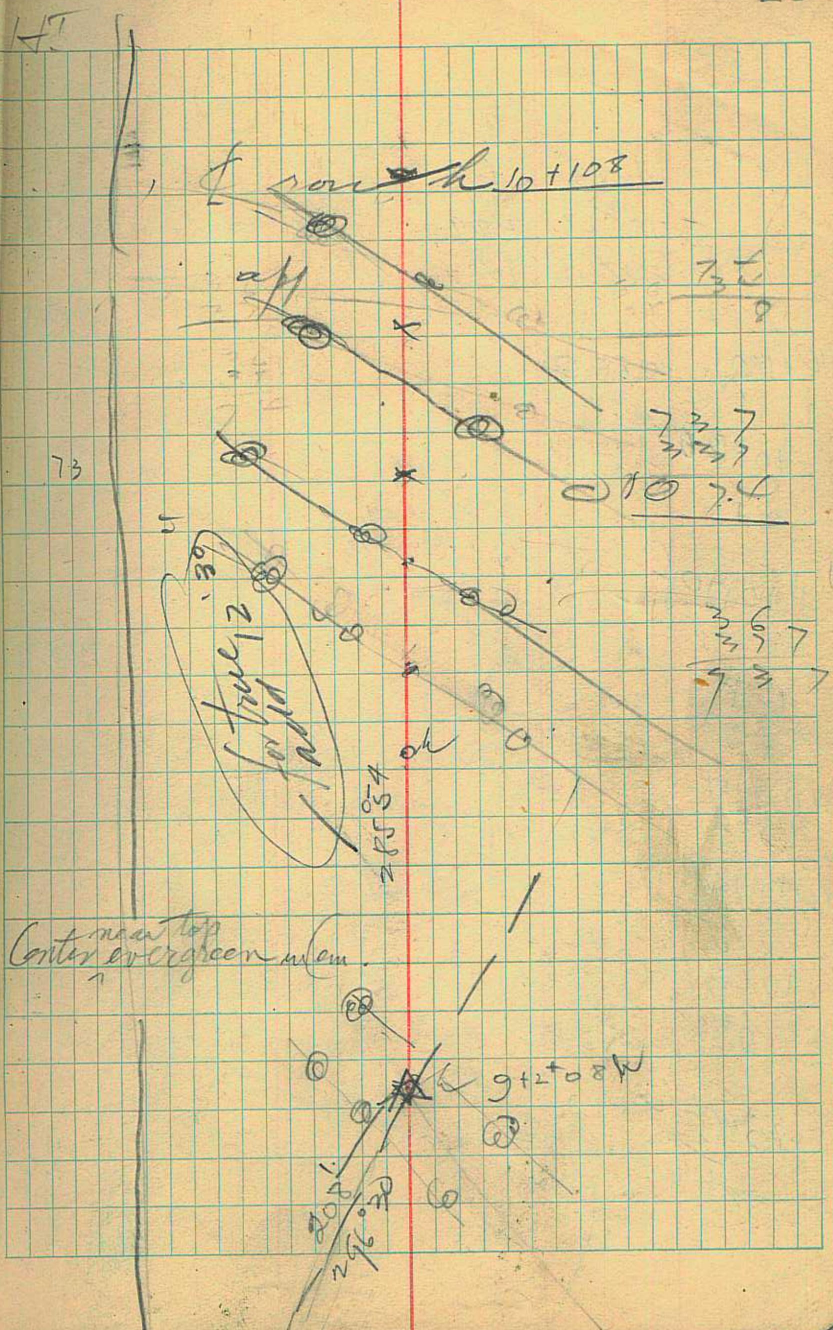
92
36
136

39
92
131

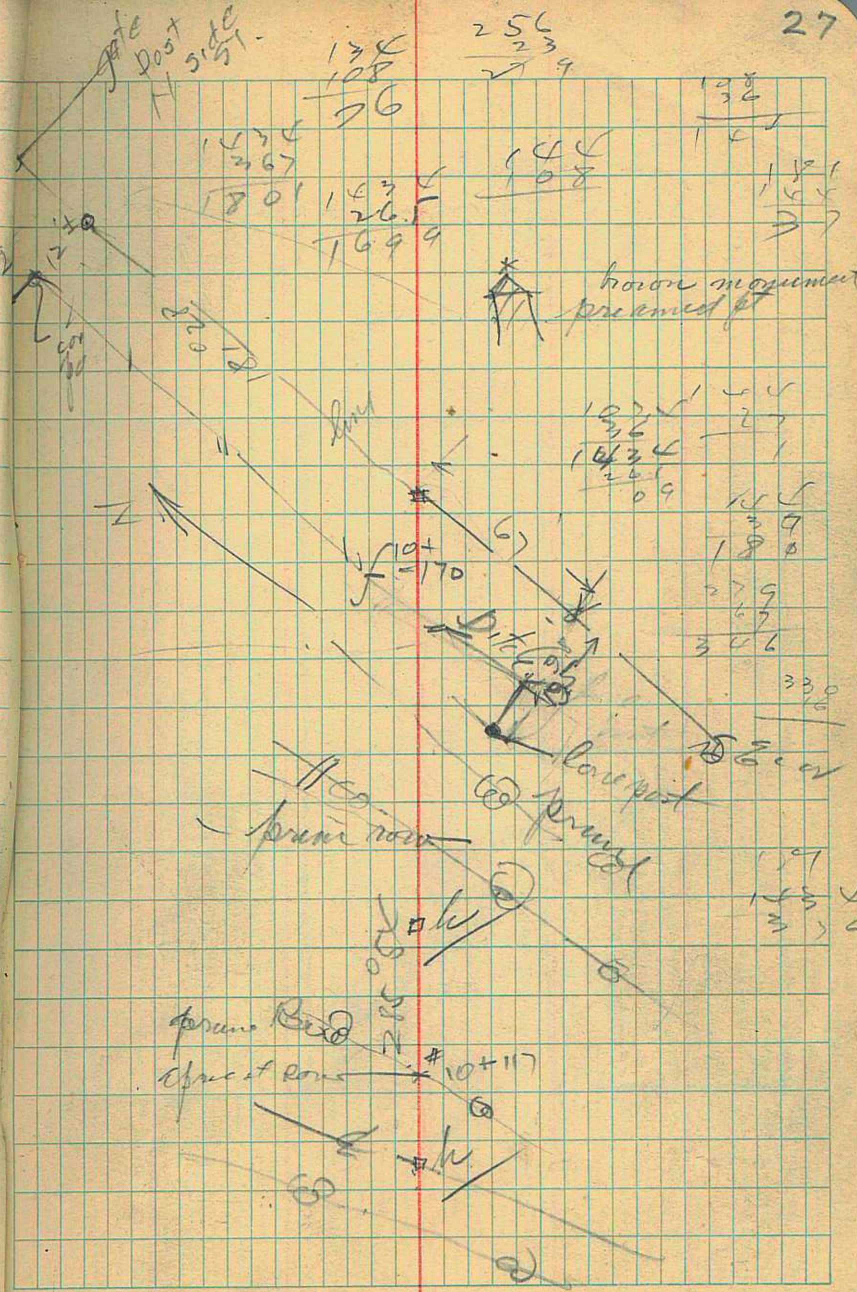
75
92
167

| | BS | FS | | Elev | Ht |
|---|---|---|---|---|---|
| 10+107.4 ℄ | | 107.4 h / 10.8 | 33.7 | ℄ row | |
| 10+99 | | +99 | | App. row | |
| 10+81 | " | +81 | | app. row | |
| 10+73.7 h | 285°54' | 73.7 ℄ | | ℄ row | |
| 10+63 | 285°54' | 63' | | tree apricot | |
| 10+46 | 285°54' | 46 | | tree apricot | |
| # 10+36 h | 285°54' | 36.00 ℄ | 37.7 | | |
| 10+26.5 | 285°54' | 26.5' | | ℄ R apricots | |
| 10+09 | 285°54' | 7' | | ℄ rows apric. | |

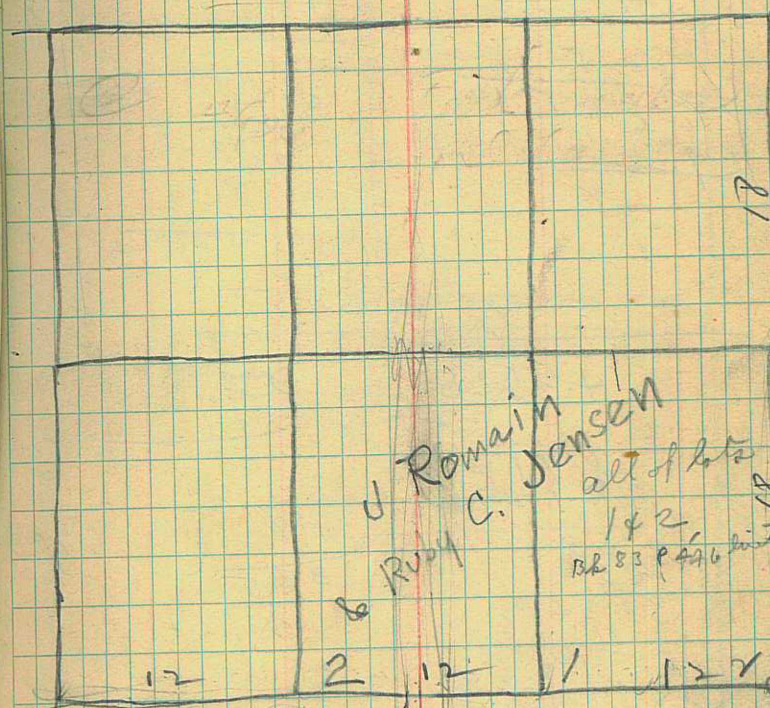
10 ⊼ △



| | | |
|---|---|---|
| $1^{\circ}28$ | .67 | |
| $181^{\circ}28$ | 279.0 | fell 12' E of appr. |
| $328^{\circ}17$ | | |
| 10+180 | $285^{\circ}54$ | |
| 10+180 | | |
| #10+170 of $f_1$ | | |
| 10+169 | | |
| 10+151 | | |
| 10+143 4 | | |
| 10+134 | | |
| 10+117 | $285^{\circ}54$ | |
| 10+107.9 | | |



12
18
96
12
76
60
560
420
1400
160
1.79



660
49.1
709.5
830
1039.5
155

0175
710
1750

1225
12250
66
190

800
909.5
905

0175
1040

0175
1060
7000
175
18.7
66
24.8

99
24
75

43560
22
87120
87120
958320
834
1243
1108
1350
1390

278
345

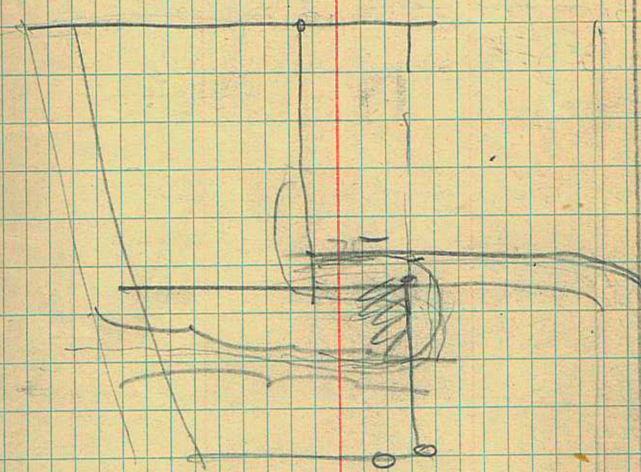


43560 2
86120 319 86

$319^2 = 86120$ 319 / 279
638
2232
2233

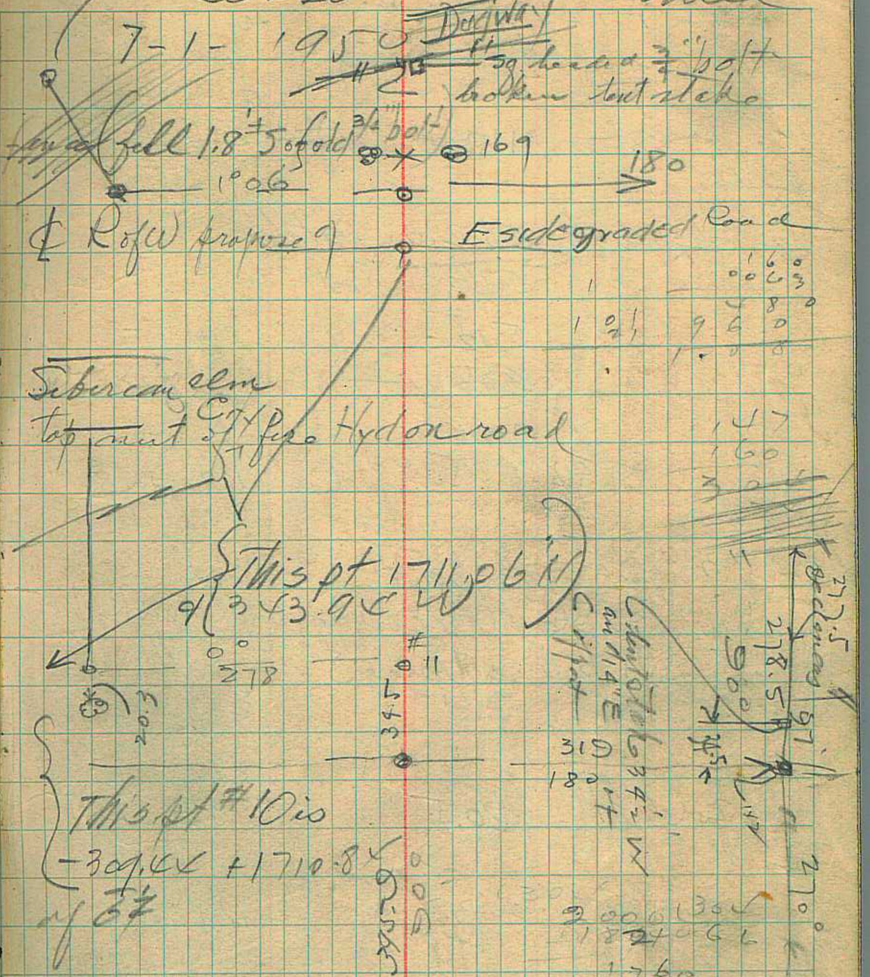
34
274
74

2237



| | | | |
|---|---|---|---|
| 16 | 19°47 / ~~0°47~~ | 144.x / ~~.58~~ | ℄ oiled road |
| 16 | 1°06' / 90°00' / ~~90~~ | 256 / 147 | ~~ofpt~~ ... to tent stake down in |
| 15x | 90°22 / 165°44 / 90°22 / ~~90~~ | 146½ | to old ¾" mach bolt fell 1½" N / to W spire Temple near hub 13½ N of old |
| 15x | 90°22 / ~~90~~ | 160 / 169 | |
| 14 | 90°22 / ~~90~~ | 150 | |
| 13 | 270°22 / ~~270~~ / 359°39 | 20.191 / ~~20.3~~ | to head 60d nail |
| 12 | | | |
| 12 | 0° | 278 | |
| 11 | 90°22 / ~~90~~ | 34.5 / ~~34.5~~ | |
| 10 | | | |
| 10 | 90° | 345.9 | |
| 34 | | | |

pt of ⅅ Sur
Cursel & Daniel
7-1-1950




(See 07' from all
az. acc page 50)

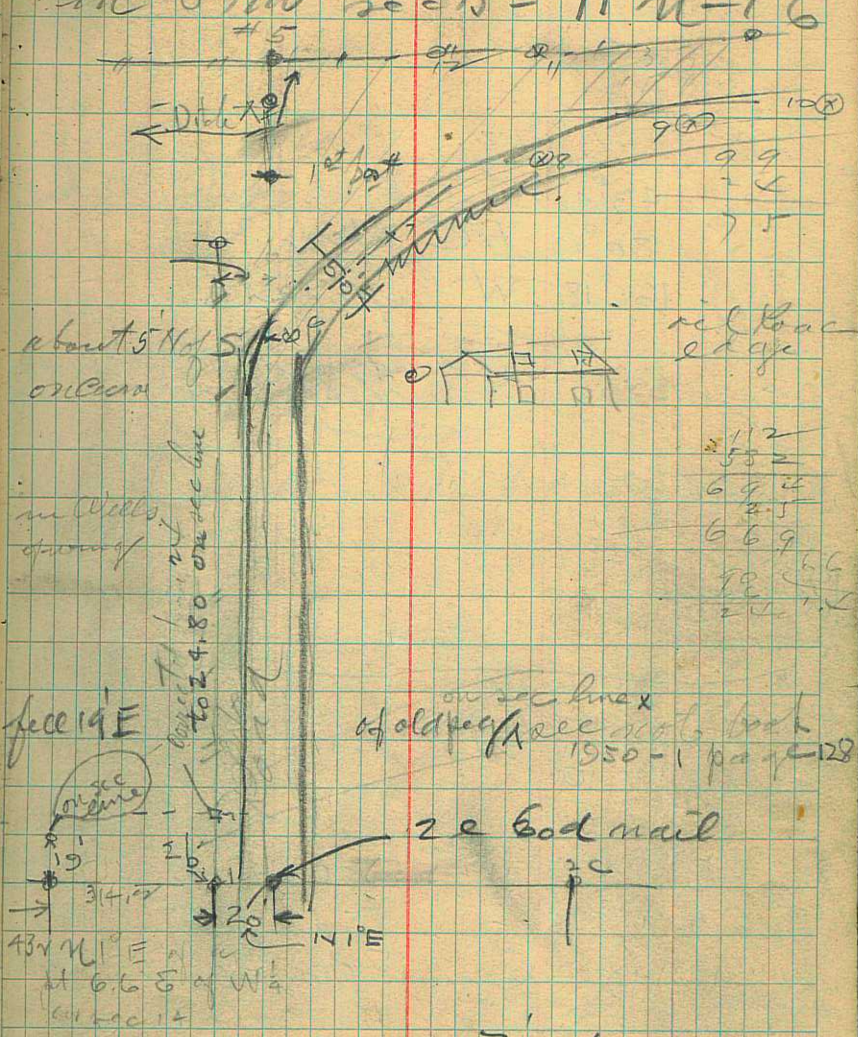
| | | | | | |
|---|---|---|---|---|---|
| 10 | 163° | | 8.00 | -2°45' | 11.48 |
| 4 | 162°50 | | -4.00 | -3°17 | 7.09 |
| 8 | 165°20 | | 2.00 | - | 3.92 |
| 9 | 187°26 | | 4.00 | -0°15'± | 4.98 |
| 6 | 237° | ℄ Road | 2.9 | +1°40 | 3.76 |
| 5 | 90°00' | 112.0 | N E fence S | | |
| 4 | 89°48 | 582.0 | stake | | |
| | | 576 | post | | |
| | | 512± | | | |
| | | 430 | + 4" pipe line | | |
| | | 400 | | | |
| | 89°48 | 365 | feel about 205 S of Fire H. on N side Road | | |
| 3 | 89°48 | ℄ post | | | |
| | 59°56 | large smoke stack milk plant | | | |
| 2e → 2e | 91°30 | extreme S end organ support | | | |
| 2b | 181° | 201' | | | |
| 2d | | | | | |
| | 2d 1°00 | 90.5 | | | |
| 2a | | | | | |
| | 2a 1°00' | 223.7 | found peg | | |
| 2b | | | | | |



6-27-50

Survey for Loyal J. Gabriel

on NW 20-15-11 N-1 E




sale 0 7' from all of

143°41' act 143°34
180°27 F.C. spire
164°18 W Temple Spire

270° S l Edgewood Hall & Gravel Fence east along n line

10 0°

19

32°35 ℄ smoke stack S Cache
147°10'
79°25
5 90° by tape 112 5.00 -13°35 6.17
12 135°35 f 8.50 -7°18 10.22
11 149°52 f 5.00 -6° 7.50

4



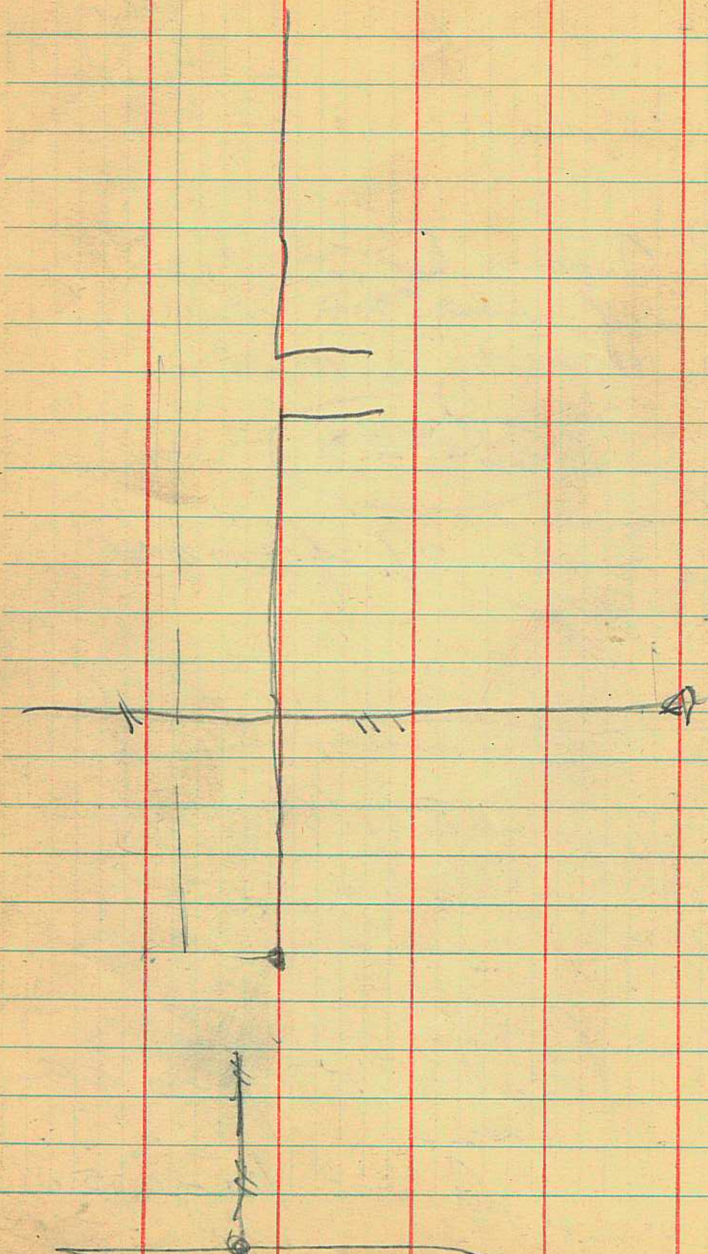
200
145.1
51.5
2000

Superior bin
act. 180°20'
164°11'
act
269 53
Sub 07' from all
original 10 az

Hort St.
Superior elevators on 35 of diagram
extreme N vert edge Koller drum
111
169
247

(sub 07 from all az
see page 50

See also P 143

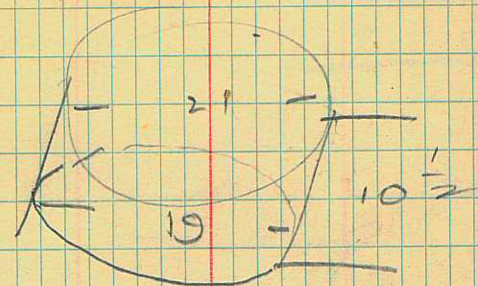




7-1-50

Water Mean for well
Geo G Nelson

tub filled in 5"




mean 20
20
400

78
400
31200
10.5
1560
312
3276.0
1728
1.89
1.9
7.5
95
133
15
12
30
15
180 g m

564 - (12 - 4 - 50)

St 57✓

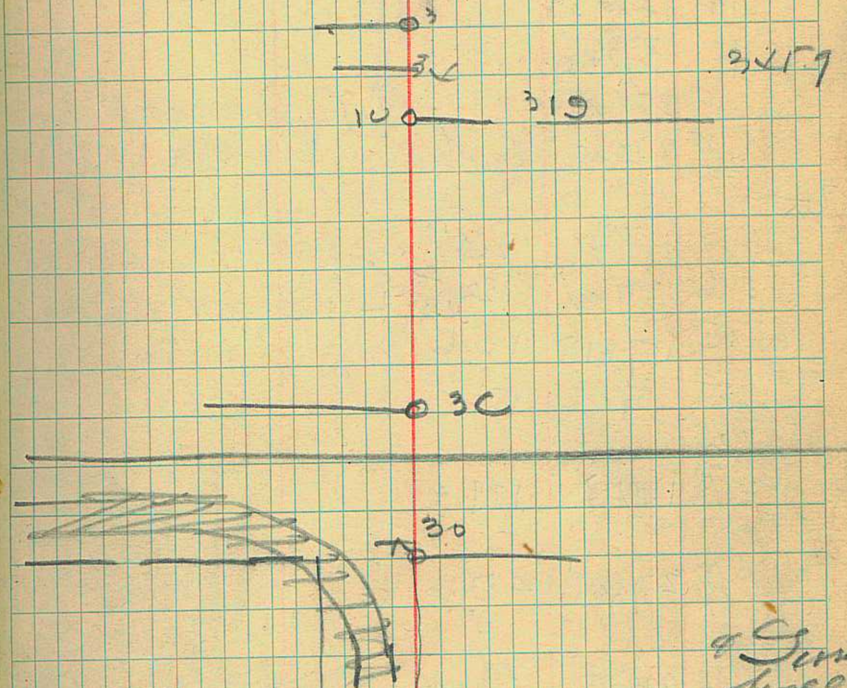
30



345.9
17
362.9

16.5
28
1320
330
462
11
473
318
791

345.9




To fence go

E bet Englewood

& Gun hall

| | | | | | |
|---|---|---|---|---|---|
| 18△ | 347°02 | 266. | | | |
| 17 | 331°52 | 118.2 | | | |
| 16 | 100° | 10' | | | |
| 15 | 319°12' | | 9.0 | 228° -6° | 11.30 |
| 14 | 284°05 | | 10.0 | -10°45 | 11.68 |
| 13 | 155° | | 4. | | 5.22 |
| 12 | 236°53 | | | | |
| 11 | 273°30 | | | | |
| 10 | 269°35 | | ℄ Co. Road ... | | |
| 9 | 273°25 | (S abut.) | | | |

2△

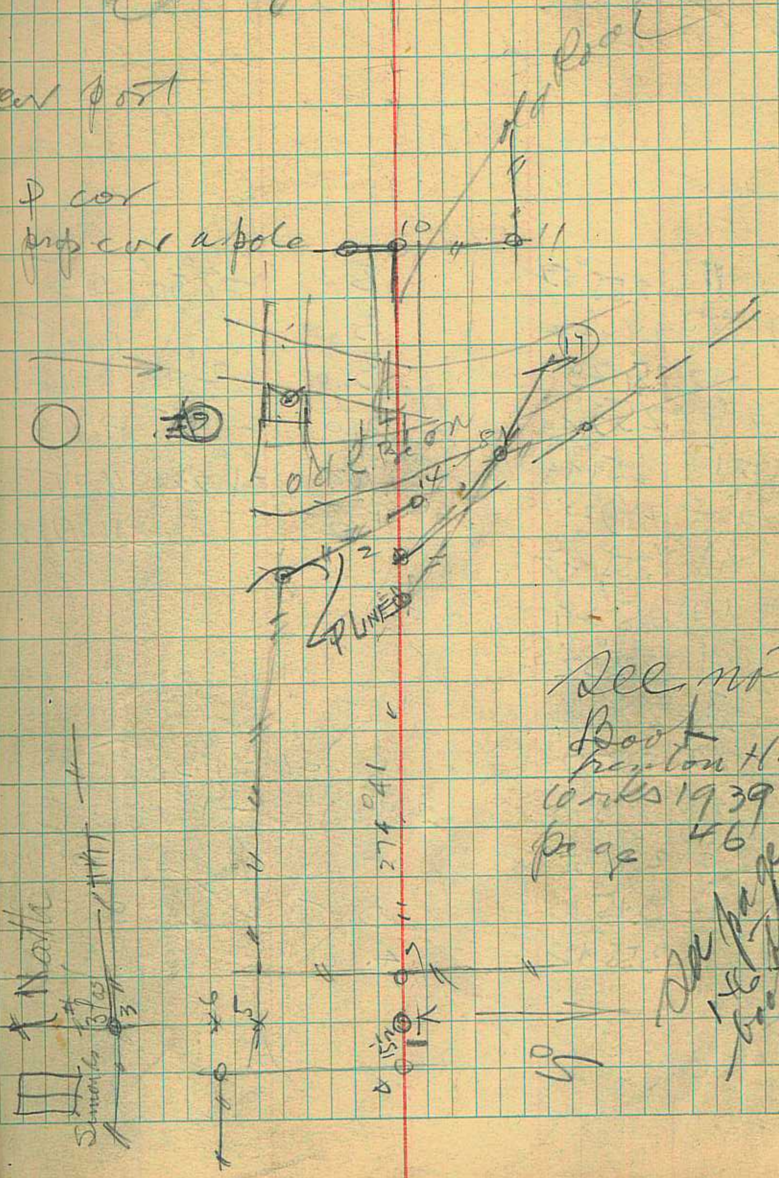
| | | | | | |
|---|---|---|---|---|---|
| 7 | 274°41 | 26' | cor post | | |
| 6 | 179°18 | 123.5 | L 16½ to cor | | |
| 5 | 179°18 | 106 | | | |
| 4 | 90° | 15' | | | |
| 3 | 179°18' | 181.4 | | | |
| 2 | 274°41' | 483.0 | | | |
| | 334°28 | Cheese plant stack | | | |

1



Ed Lower of Trenton

July 6-1950



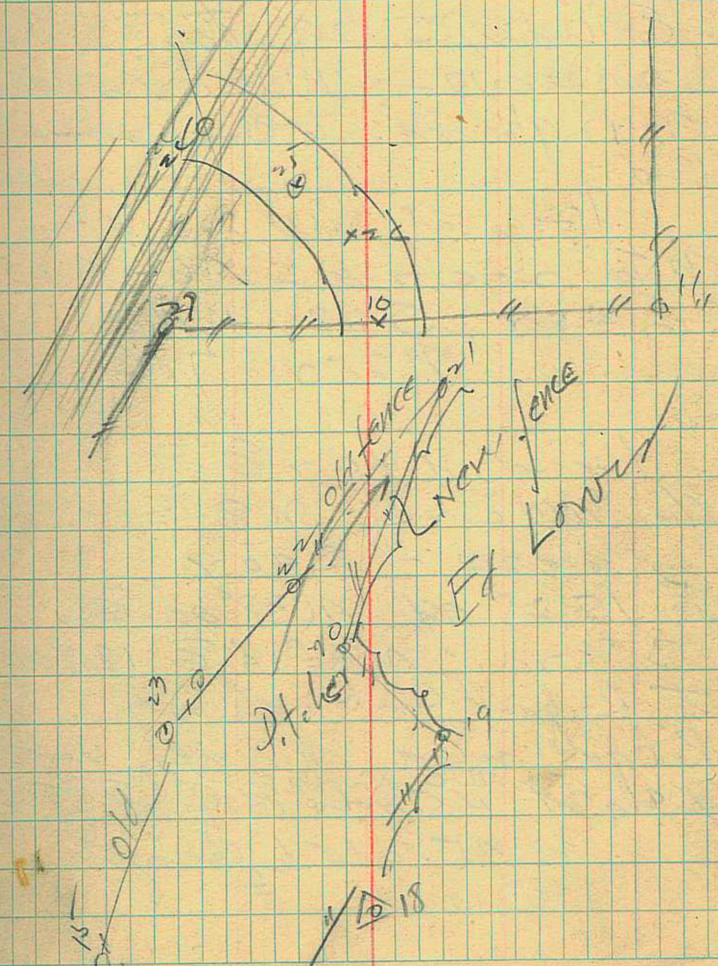

See note Book
Trenton H2O
works 1939
page 46

See page 146 this book

| | | | | |
|---|---|---|---|---|
| 11 | 255° 23' | 3 | −2° 50' | 11.3 |
| 27 | 246° 42' | 3.0 | − | 11.65 |
| 10 | 251 29 | 3.0 | −2° 45 | 11.4 |
| 26 | 253° 40' | 2.0 | −2° 05 | 11.7 |
| 25 | 251° 44' | 1.0 | −1° 33 | 11.75 |
| 24 | 249° 23 | 1.0 | | 11.9 |
| 11 | 255° 23 | | | |
| 10 | 251° 29 | | | |
| 9 | 205° 52' | | | |
| ~~8~~ | 206° 2 | | | |
| 23 | 328° 17' | 10.0 | −7° 30' | 11.41 |
| 22 | 343° 10 | 9.00 | −1° | 11.35 |
| 21 | 348° 35 | 7.0 | | 11.53 |
| 20 | 345° 10' | 3.0 | | 5.05 |
| 19 | 355° 42 | 4.0 | | 5.52 |

18





Hoobs Wm

① Com at pt 30½ r S
of the NW cor SE¼
sec 17 - 16 - 40
E 160 r, S 129½ to SE cor
sd sec 17 - W 160 r
N 129½ rds to beg —
also
Beg at NW cor of
NE¼ sec 20 - 16 - 40
E 40 r; S 28 r; W 40
N 28 r 7 ac

also
Beg at N 40 r E of
the NW cor of NE¼
sd sec 20 - S 40 r,
E 15.28 rd. N 38° 00' E
3.80 rd; N 80° 14' E 18.80 r±
to R bank Cub. th up
R bank in a NEerly dir
in NE of sd NE¼ st sec
to a pt 45 rds E of beg
W 45 rds to beg
10.10 ac ±



4 L 95
3.8

also Beg at SW cor of SW¼
sec 16 - 16 - 40
N 555'; S 88° 38' E 445±
pt due N of a pt 440' E
E of pt of beg. S 548'± to a pt
440' E of beg. W 440'6
to beg ±

9 60
4 30
5 30

10 hr.
10
10.26
5
1.30

7 30
9

17
26
102
5 4
6.42

3 6
17
2 3 8
3 4
5.78

⊖
#1
~~58° 05~~
59° 29
59 35



July 13 - 1950
Op on
ONE 2d of Gersal
Survey

☉ for 7-13-
122 40.7
16.42
34.28
.4
22 34 6.8
☉ + 2 2 34 42

60
.4

⊖
⊙ 48 18
lat 41 42
7960

5956
5805

21 57.6
5.78
21 51 32
21 51.7
10 am ☉ 21° 51 40

17 35
27 50
1735
17.35
1.6
101 50
104 15
41 40
1.6
41 41.6
8960
4416
18.4
41 18

4 PM on

E. 1/4 cor sec 15 - 11N 1E

$\odot$ = 41 42

Co. $\odot$ 48° - 18'

L = 4 PM

7

11

12

23

34

92

69

7.82

21 57.1
7.82
21 49.28

+ 21 50.08

Co $\odot$ - 48° 18

1 34°43
34 44
34 42
34 43

34°43 = mean of 1st ob

∴ deduct 0°07

{ ∴ sub 07' from all as since 34°50' was used

32°07 to extreme S edge of house chim 1/2 mi

34°49 W edge W chim Alm Mothers house

Survey for Wes Howell

3 N 302.4 NW cor Lot 6 - Blk 14

2 N ± 182

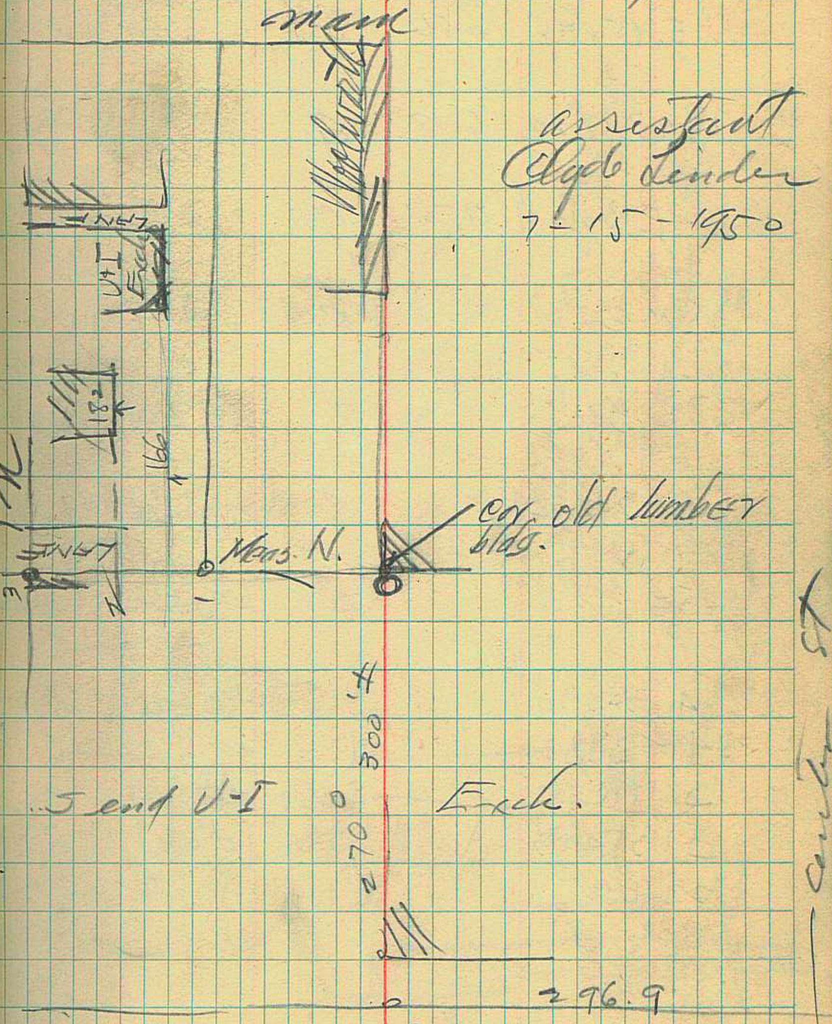
1 N ± 166

N

0



Study of the relative position SW cor lot. 7 - Blk 14 with respect to NW cor lot 6 - 7-15-1950




assistant
Clyde Linder
7-15-1950

017 RR

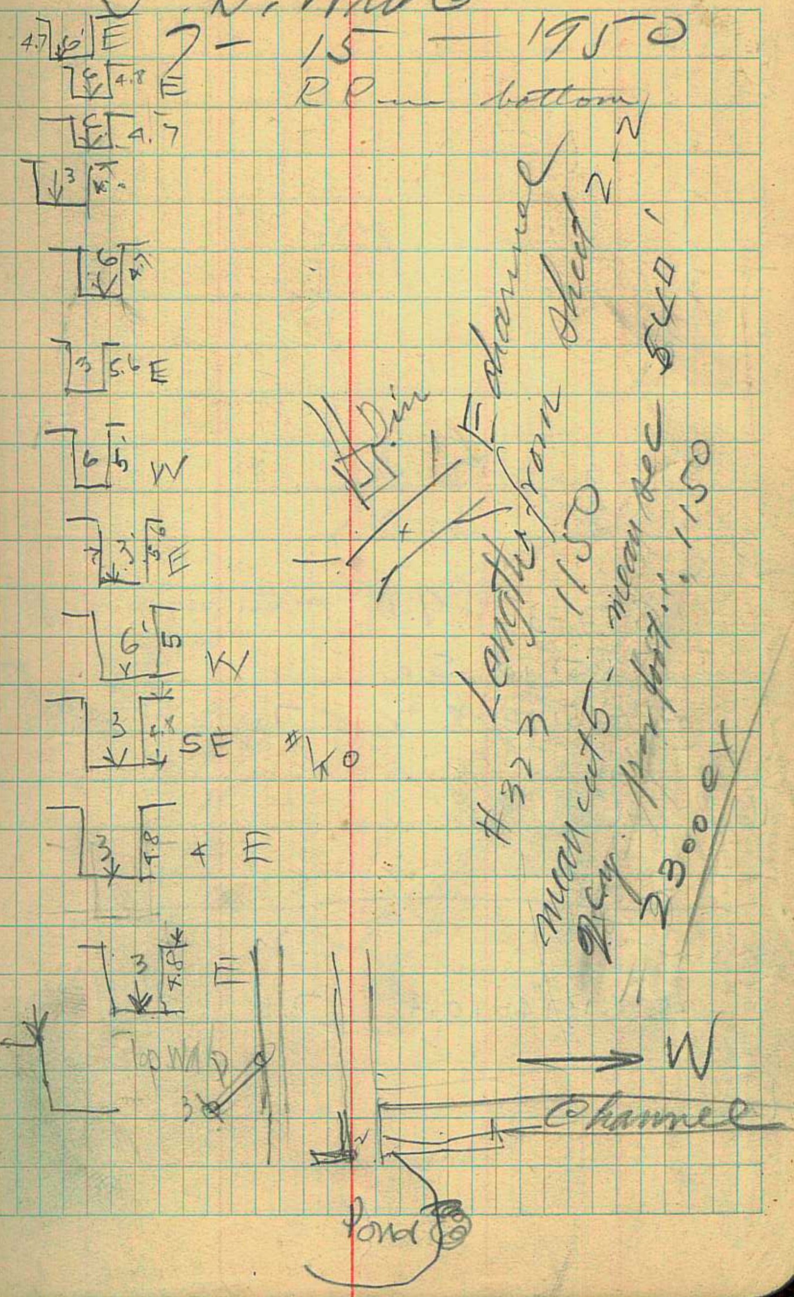
| | | | | |
|---|---|---|---|---|
| 14E 141° | 11.3 | | .10 | 12. |
| 13 E 137°30 | 11.2 | 9 | | 11.28 |
| 12 W 121°10 | 9.73 | 9 | | 9.74 |
| 11 E 150°45 | 10.56 | 10.5 | | 10.9 |
| 10W 317°30 | 6.18 | 9. | 6 | 10.16 |
| 9E 301°30 | 9.7 | 9. | | 10.75 |
| 8W 320° | | 8. | +0°27 | 11.00 |
| 7E 320° | | 8 | +0°30 | 11.60 |
| 6W 342°52' | | 8 | +0°30 | 11.6 |
| 5E | | 7 | +0°50 | 11.12 |
| 4 353°30 | | 7 | +0°50 | 11.61 |
| ~~4 353°30~~ | | ~~1.~~ | ~~+~~ | ~~5.67~~ |
| ~~3 "~~ | | ~~6.00~~ | ~~+0°49~~ | ~~11.12~~ |
| 3 354°43' | | 6.0 | +0°48 | 11.12 |
| 2 1°14 | | 1. | +0°47 | 6 |



J. B. White

7 - 15 - 1950

RR on bottom



RP

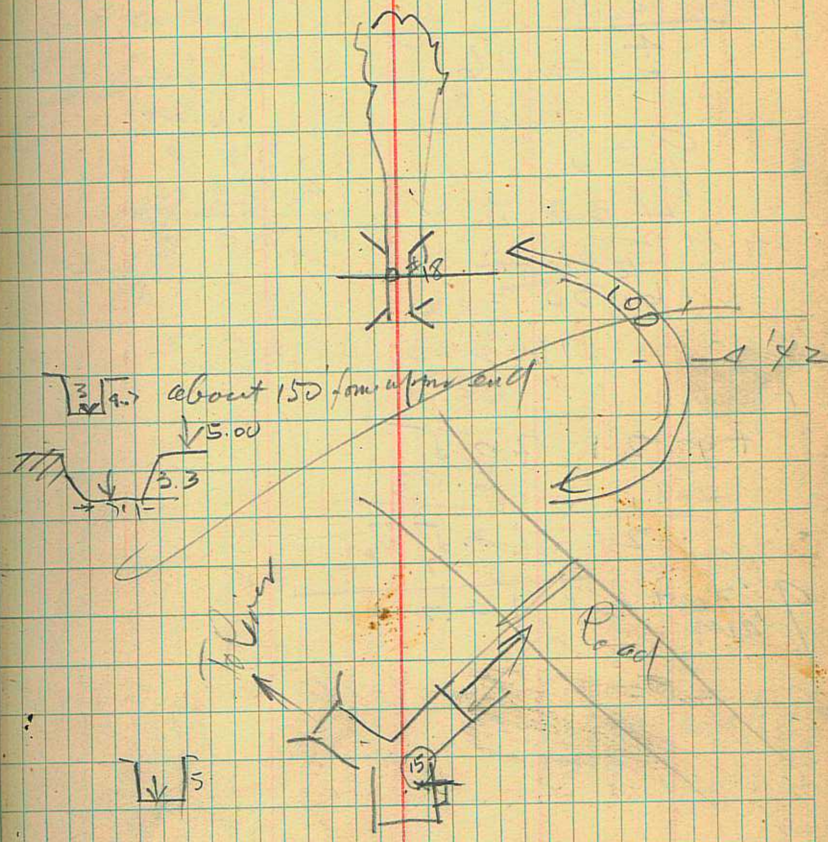
| | | | | | |
|---|---|---|---|---|---|
| 18 | 263° | 9.1 | | | |
| 17 | 151°10 | 5.0 | | | |
| 17 | 151°10 | 8.3 | 7 | | 9.1 |

16x

| | | | | | |
|---|---|---|---|---|---|
| 15VX | 137°40′ | 10.4 | 7.0 | | 11.4 |

1x





9 am
5
$1\frac{4}{2} = 16^h$

930
430
+ 12
16.30 =
$16\frac{1}{2}$

16.5
.42
330
660
6.930

17
+ 21 20.5
6.93
21 13.57
9:30 am + 21 14.27



Survey for
Victor Winkley at
Franklin Ida 7-17-50

Ob. on # 1 - near N 1/4 cor
sec 20 - 165 40 E

July 17

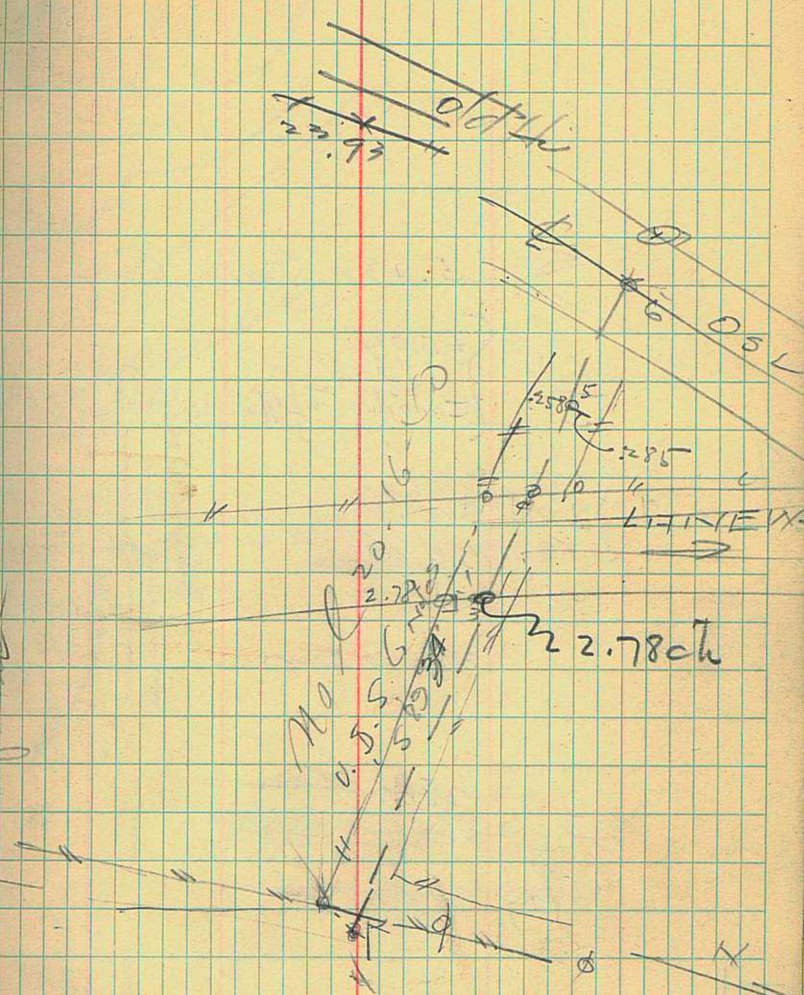
930
830
1760

900
830
1730
530

560
6
930
5
430
12

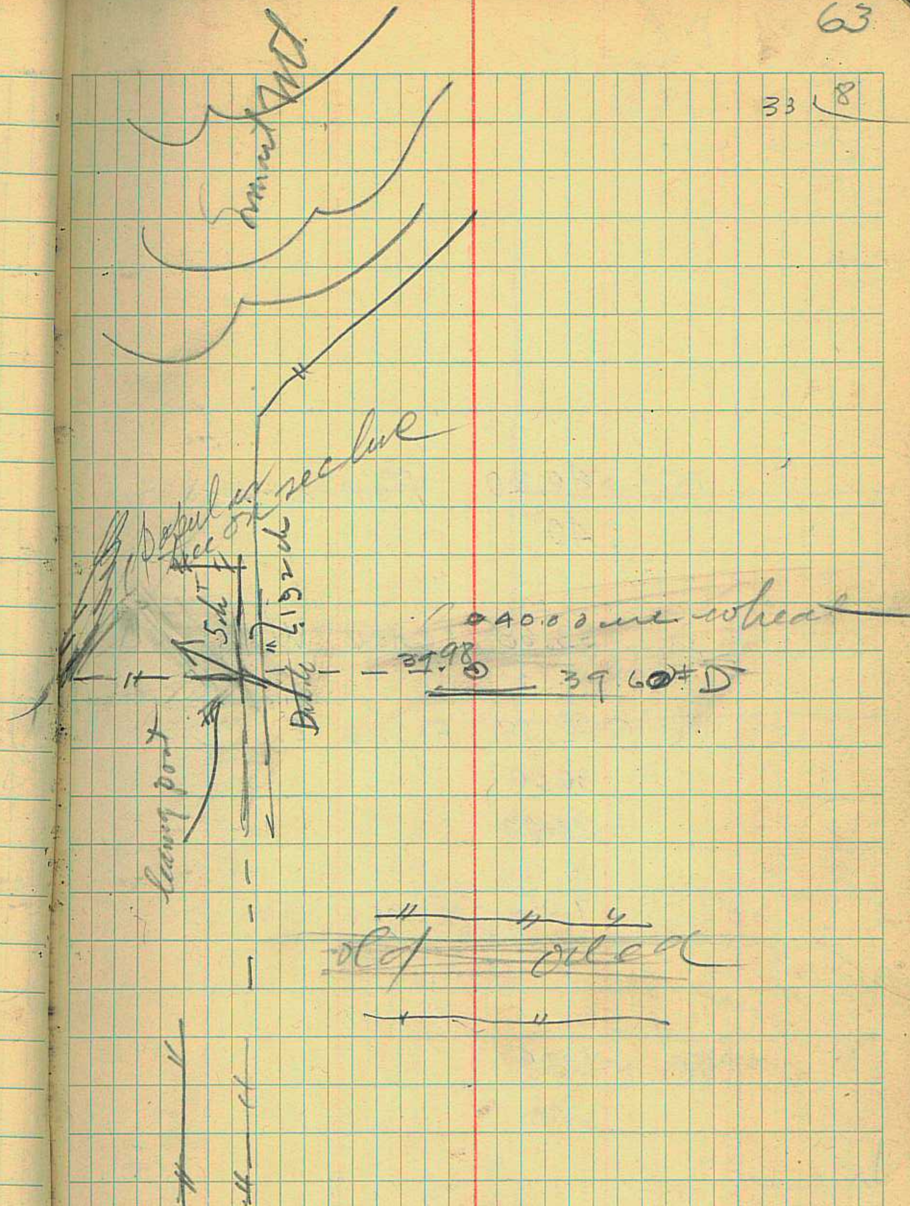
| | ay | ch |
|---|---|---|
| 8 | 89°34 | 23.93 |
| | | 20.00 pins |
| 7 | 89°34 | 13.80 |
| 6 | 89°34 | 13.275 |
| 5 | 89°34 | 5.00 |
| 4 | 89°34 | 4.43 |
| 3 | 89°34 | 2.78 |
| 2 | 89°34 | 0,10 |
| | 353°50 | |
| 1x | | |

Winkley 50 at Franklin 61

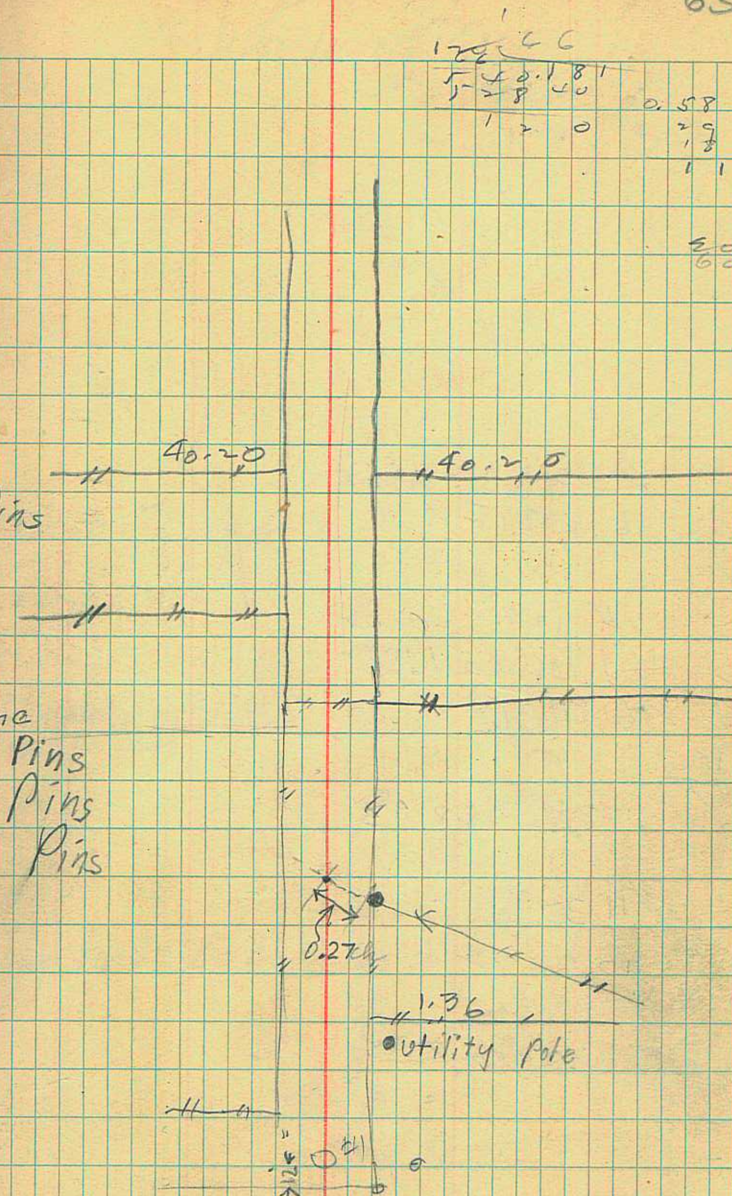


33 | 8

| | | |
|---|---|---|
| S | | 5.23± Swiss lane |
| J | | ±5.0 / +33 / 5.00 ch to ... side lane |
| 9 | 89°34 | 40.00 |
| | | 39.98 |
| | | 30.00 pins |
| | | 25.40 |
| | 89°34 | 23.93 |



| Dir. | ch. | |
|---|---|---|
| N | 40.20 | Fence E&W |
| | 40 | C Pins |
| | 33.68 | Fence W |
| | 32.59 | Fence E. crosses Lane |
| | 30.00 | C Pins |
| | 20.00 | C Pins |
| | 10.00 | C Pins |
| | 9.03 | Fence to SE |
| N | 1.36 | |
| | .40 | |
| L | | |



15 331°3′4 = 333°.02
16 277 15

12

14 129° 0.03
13 155°18 1.18
① 176°36

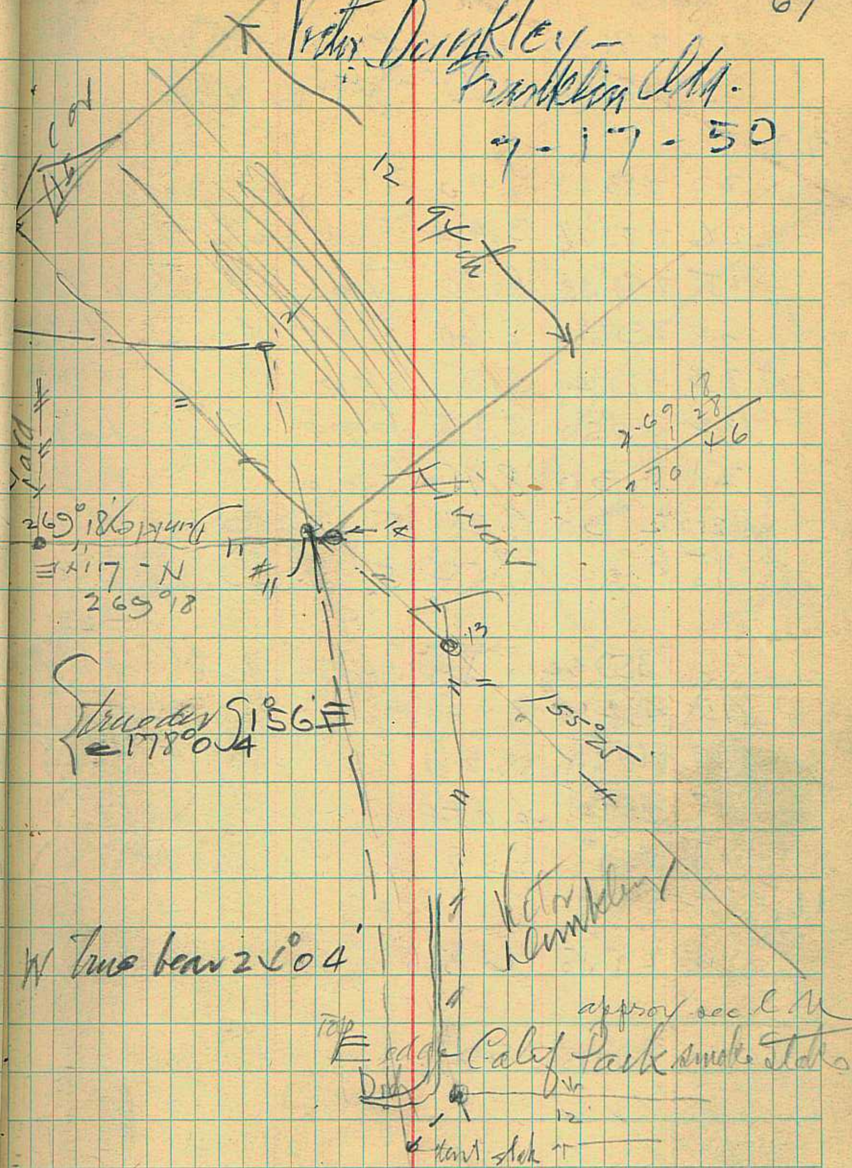
11

12 356° 368.43

11 356°36 7.02
10 223°2 0.206
180°
353°50



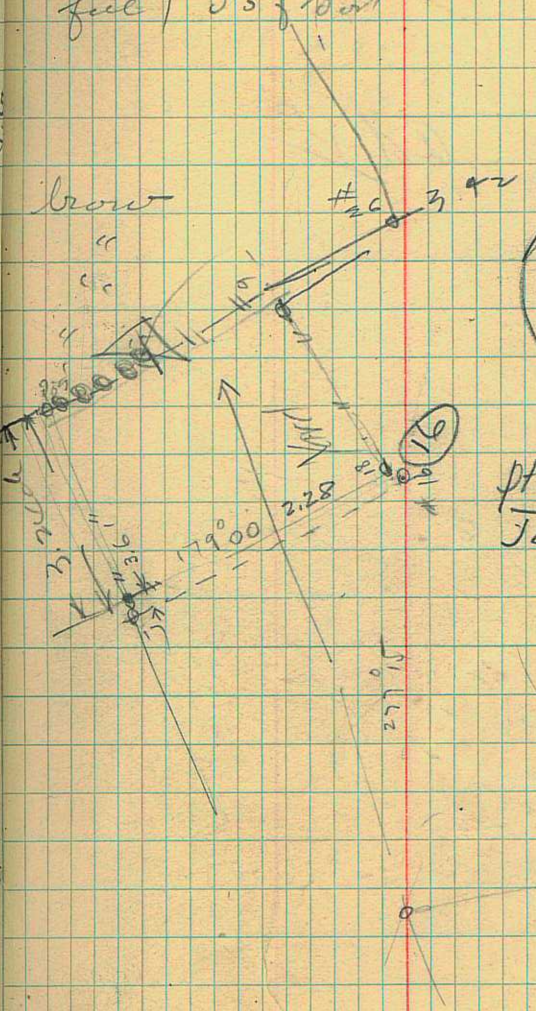
Victor Dunkley — Franklin Cty.
7-17-50



| | | ch | | | | |
|---|---|---|---|---|---|---|
| 27 | 291°06 | 2.20 | 10.00 | −10°20 | 11.5 | R bk Cub R |
| 28 | 259°45 | 3.4 = 1.52 | nearly | | | |
| 27 | | | | | | |
| 27 | 283°24 | 7.90 | | | | |
| 26 | 283°24 | 3.42 | | | | |
| 25 | 293°48 | 6.83 | 7.0 | + | 11.50 | |
| 24 | 296° | 6.60 | 7.00 | + | 11.35 | |
| 23 | 321°14 | 5.85 | 8.00 | + | 11.87 | |
| 22 | 358°50 | 8.05 | 6.00 | 0° | 11.30 | brow |
| 21 | 1°30 | 8.95 | 6.00 | 0 | 11.90 | " |
| 20 | 2°30 | 9.28 | 5.00 | 0° | 11.10 | " |
| 15 | 4°24 | 9.54 | 5 | 0° | 11.29 | " |
| | 359°32 | → smoke stack | | | | |
| 15 | 4°24 | | | | | |
| 19 | 269°15 | 3.29 | | | | |
| 18 | 269°15 | 0.054 | | | | |
| 17 | 179° | 2.28 | | | | |
| 16 | | | | | | |
| 16 | 277°15 | 6.31 | | | | |
| | 277°15 | .59 ch | + f | | | |
| 12 | | | | | | |

cor post on brow

fue 1' S of bent



Add 1°28' to all Ang

pt. of Solar ob.
July 17 - 1950

① $1^\circ 01$
$1^\circ 00$
$1\,00$ ad $1^\circ$



Obón #

$\delta$ 21 57
9.87

21 - 47 23
.05
- 21° 48 28 -
+ 21° 48' 20"

5 30
7
11 30
12

23 30
23 50
.42

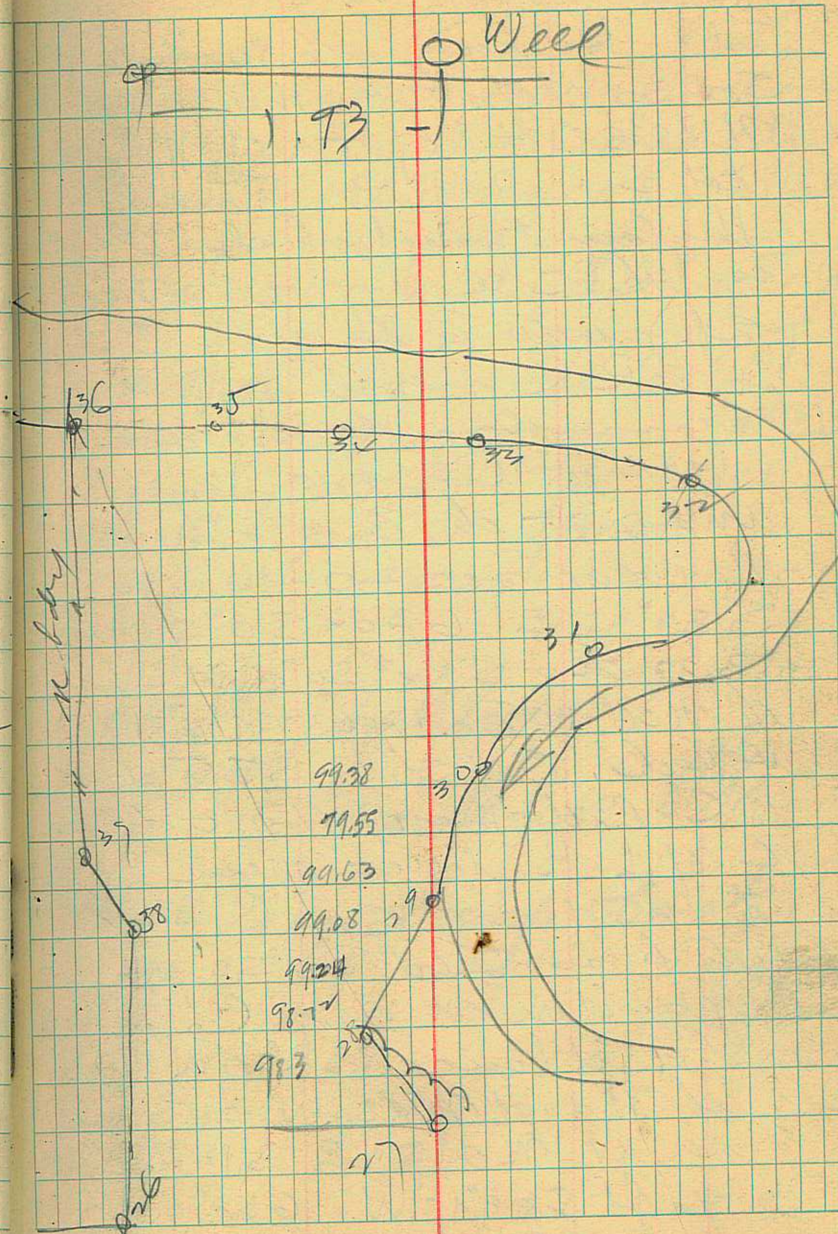
47 60
9 4 0 0
9.87 0 0

Cos 47° 58'

di

| | | | | | |
|---|---|---|---|---|---|
| 38 | 154°05 | 1.26 | 4.00 | 4 0° | 4.82 |
| 37 | 183°20 | 1.86 | 10.00 | +2°15 | 11.22 |
| 36 | 239°39 | 5.30 | 8.0 | -4°30 | 11.52 |
| 35 | 259°47 | 6.87 | 7.0 | -3°50 | 11.55 |
| 34 | 247°30 | 6.93 | 7.0 | -3°30 | 11.6 |
| 33 | 282°30 | 4.81 | 8.00 | -5°30 | 11.2 |
| 32 | 301°20 | 5.30 | 8.0 | -5° | 11.53 |
| 31 | 301°20 | 3.96 | 9. | -6°30 | 11.65 |
| 30 | 289°35 | 3.17 | 9. | -7°30 | 11.13 |

27



Beg at pt on E l
St Hiway 6.80 ch
S0°50 W of a pt 11.57 ch
N 88°35' E of + of N l
lot 2 - Blk 3 Frank
Hayland Sur (which l
is the S l of a E
St.) with E l of the O S
L RR r of W sd pt
being also desc as
being located 12.50 S
and 2.55 ch E of the
N 4 cor sec 20-16-40
S 89°45' E 6.30 - S0°50 W
3.12 ch. S 88° 50 E 3.85 ch
ch N 36° 10 E 0.97 ch N 80° 5 E
4.4 ch. S0°50 E 5.55 ch
to C little Bear, thence down
C of L. B. follow. mean
to a pt in C L Bear
which is 200' S0°50 W
of a pt on N prop. l,
Sd pt being S 36°10 W .97
ch of a pt N 88°50 W 3.85 ch
of a pt N 0°50 E 3.12 ch
of a pt S 89°45 W 6.30'
running thence from sd pt in C



L. Bear, N 0°50 W 100' ±,
to brow of a hill & pres
est fence l, and thence
fol brow of hill and the
present est. fence l S Wer'ly
in a meandering
manner to its + with
E l of State Hiway
N Wer'ly along sd E l
260' ±, then jogging at S ±
S'ly 25' ±, th foll
the E l sd St Hiway
N Wer'ly 480 to beg +
10 ac ±

Hilton Dunkley
Franklin Ott

see Engr. Comp Book
19

Claypool
68-53 Dec 1933 16.5 20

Beg 195.5 W of NE cor
Blk W 188½ S 175 ±
th E by Southerly dir 138.67 ±
to a 181.92 S of place of
beg; N 181.925 ± to beg

Edwin R Dowdell
53-13
E.R. Miles Inc
Peterson 'B - Mercy ⅔

Beg at a pt 191.75 W of
NE cor E 17; S 70' W 18
N 70'

68-333 to Dowdell

same tax



E.R. Miles Inc of
Smithfield Mich - Hardware store

71- 325

Beg at NE Blk 18 Pl A
W on N l sd Blk 140' S
& ‖ with E l sd Blk
72'; E & ‖ with N l sd Blk
25'; N & ‖ with E l sd Blk
40'; E & ‖ with N l sd "
115 feet to a pt on E l sd
Blk 18 - N 32' to beg. 5283.8' Cont
~~with~~ out to R of W 14' wide
beg at pt N l Blk 18 - a
~~110~~ 101' W of NE cor sd 18
S & ‖ with E l sd Blk
~~S~~ S & ‖ with E l sd Blk
32 ft. th W & ‖ with N l
of Blk 14 ft. N ‖ with E l
sd Blk 32' to pt on N sd
Blk E on N l 14' to beg

Space being party wall

55.506 Bed

QC. from c

line Sept 21 - 1916 line

to Clay

195.5 W of NE cor BK

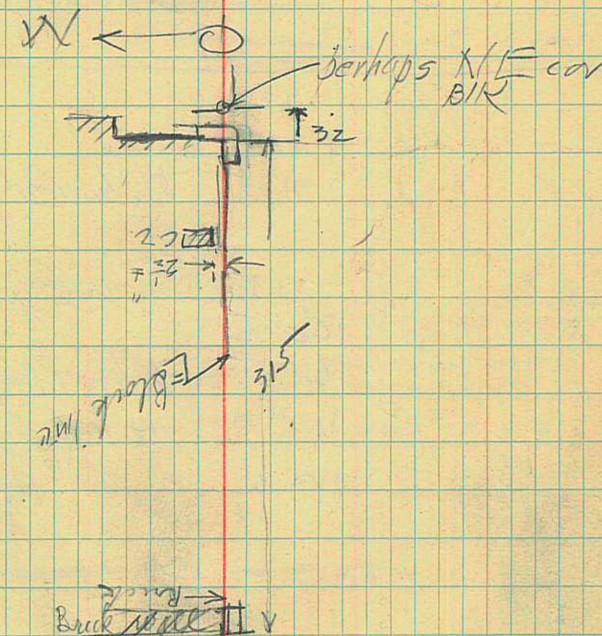
W 138.5 S 175 - S 6 Sec

138.67 ± 6 ft 181.92 S of

181.92



E L miles in co.



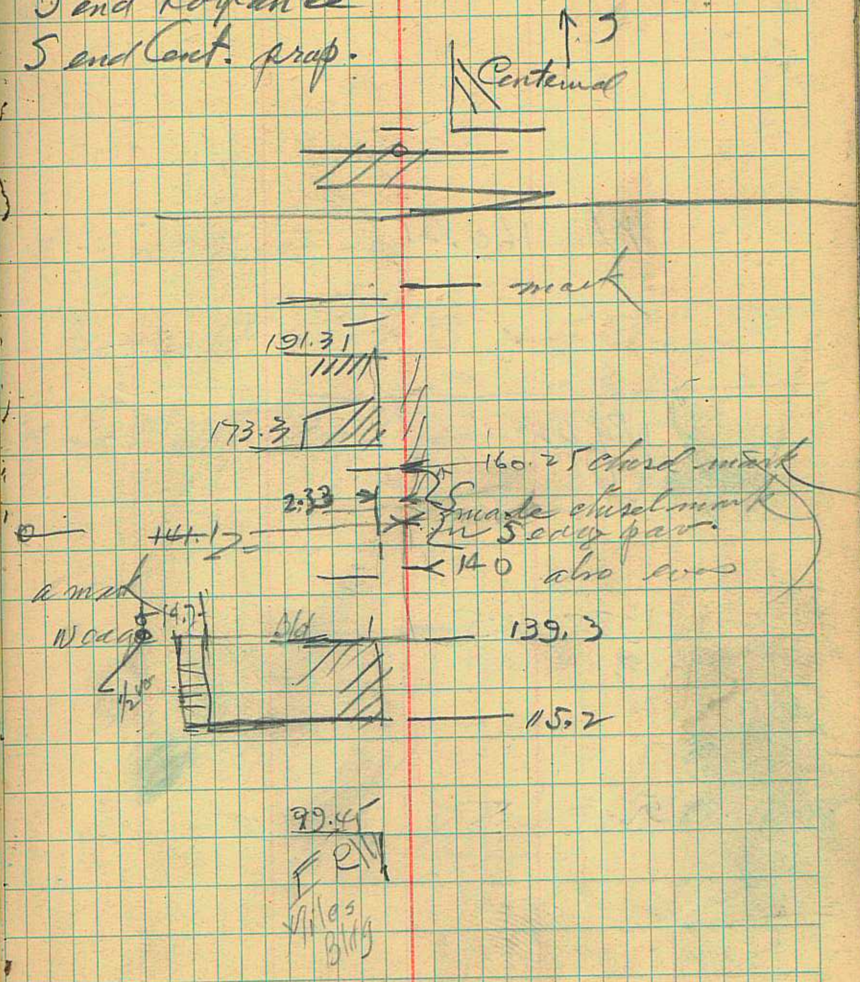
| | | |
|---|---|---|
| 141.13 | 1.5 | = 138.8 + 2.33 |
| 74.33 | 7.5 | |
| 72.33 | 7.5 | |
| 2.33 | 5 | approx Blk line |
| 0 | | S. edge pav |

| | | |
|---|---|---|
| | 191.75 | |
| | 191.35 | W. line Cent. Bldg. |
| | 173.35 | E line Cent. Bldg. |
| | 160.25 | |
| | 160.25 | W line Pitcher in rear |
| | 140 | W. line Roylance |
| | 139.3 | |
| | 115.2 | |
| W | 99.45 | |

0



S end Roylance
S end Cent. prop.



N 160.25

189.62

1388 S

32 S



165
16.5
181.5
10

165
16.5
10
6 5

192.5
189.62
2.88

194.75
18
176.75
16.5
160.25

138.8
2.3
141.1

to Ext. Sew cor

which is 32' N of S face of way
Beg at St 138.8 S of N E cor

192.5 — Creek

prop. L =

S cor. 1st Bldg N of Cr.

bridge panne

16.5
16.5
10
192.5

138.8

Plumbing shop

32' S of N E cor Blk 18

E R ... Bldg

10000 160
960 .00 63 29
400

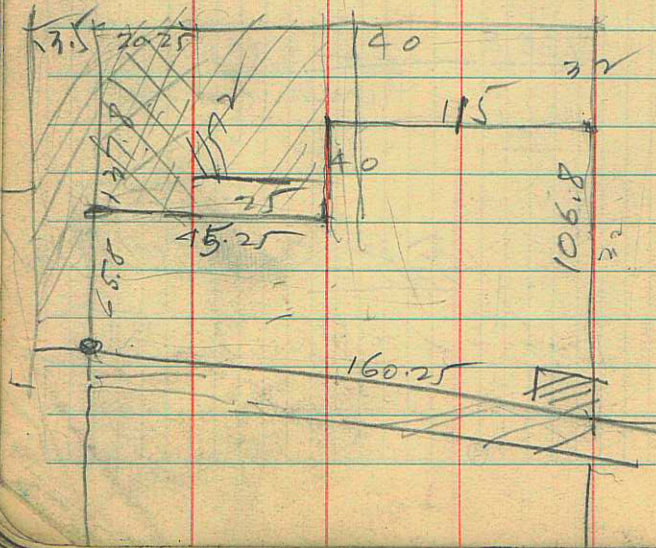
.0063
160
3780
63
10080

A
137.8
6

.0063 .029
58
22
50

89 38

160 25
160
2025




138.8
32
1068

~~A part~~

~~Beg at a pt in E of Block 18 - 32 feet S of the NE cor of sd Blk - thence S in St E l 106.8 ft, then N 89 38 W 160.25 ft to a pt 137.8 ft S of the N l of sd Blk 18 thence N 65.8 ft thence E at ft with N l sd Blk 45.25 ft to pt 12 ft Blk 18 ... N & ft with E l sd Blk 18 40 ft thence E & ft with N 115 to beg~~

(see file)

N S E W

106.8

137.8 160.25

403

Ut. Savings & Trust Bldg

S L

665.7 N

565.5

14'

497.

335.8

#4 125.9 N ±180'± SW. cor Bailey

211.50 -

200 fence

165

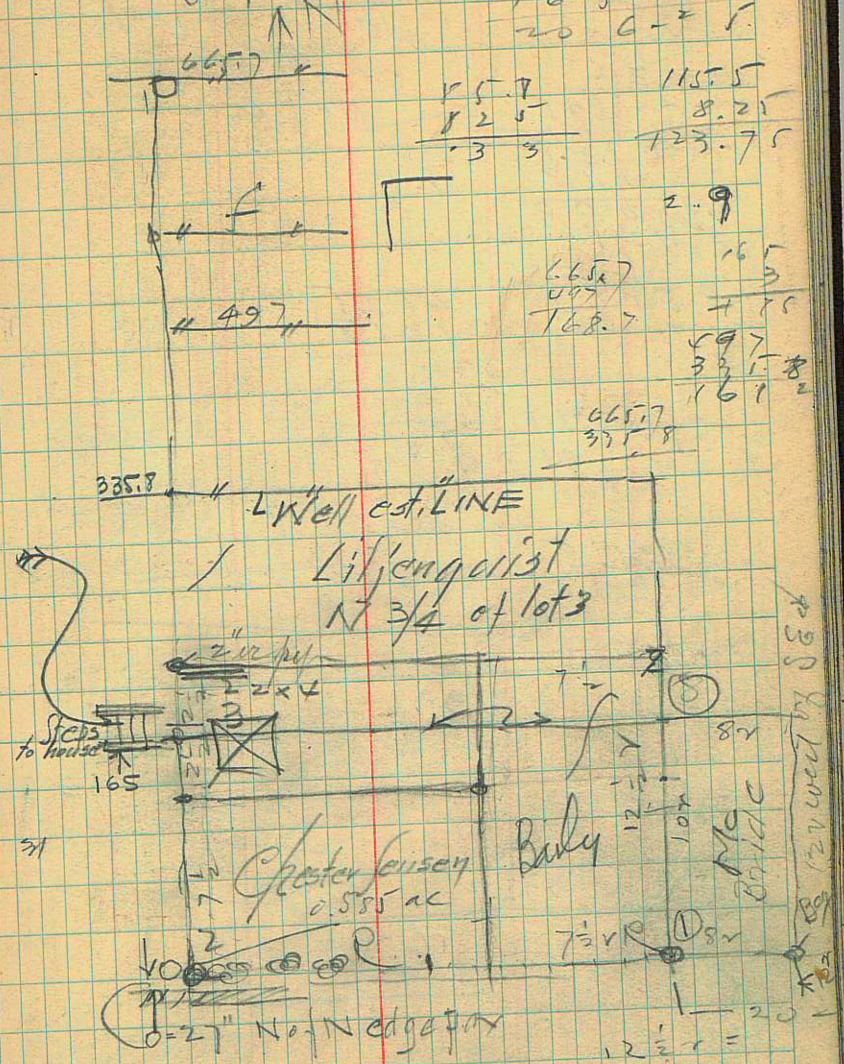
123.75 N' {drove temp stake
finally changed to 125.9 see above}

8



July 31 - 1950 —

Survey for




16.5
12.5
825
330
165
20
115.5
8.25
123.75
665.7
497
168.7
665.7
335.8
12½ r =
165
206.25

123.75

165 x = 167.9 165 1018

165

290

165

1250

33

825

4125

1.18 1.18

32000

4125

41.25

4857

4125

1.018

33000

41.25

41.25

41.9975

167.9

41.99

211.5

209.9 209.89

1.6

333

331.2

1.8 206

1.6

1.5

1

331.2

167.9

42



2 | 335.8

167.9

839

1.6

16

167.9 lots 2-3

211.5

167.9

43.6

42

167.9

42

1259

333

331.5

1.1

206.25

207.25

12.5

1.500

1.500 206

333

331.2

331.8

165

5008

331.8

165

335.8

211.5

124.3

4 | 165

41.25

16500

165

825

1237.5

12.5

1,500 | 12.5

.0072

Computations

Bailey Survey

7-31-50

333 W

3x

333. N to SE cor lot 4

248 N f-E.

#3 208.5 N

N

2x

331.2 269°55

207+00 real cor mark on Hedge Row with chisel
2+06.25 269°55

0



Block 331.2

333
208.5
124.5

165
33
5 25
206.25

211.5

167.9
42
209.9
208.5

7.5
1.25
20.0

Along W. line lot 1-8

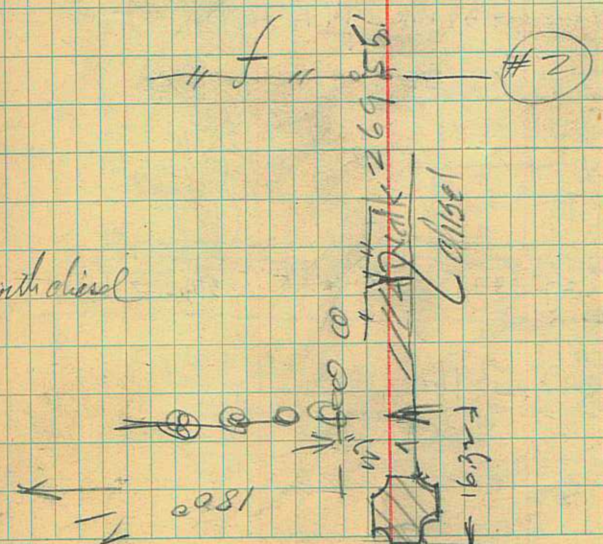
#2

269°55'

Chisel

180°

16.3



1.2)330
.04

207
.005
1.035
125.9

280 (330

333
331.8
1.2

1.2

206
92

207
1
208
20.8

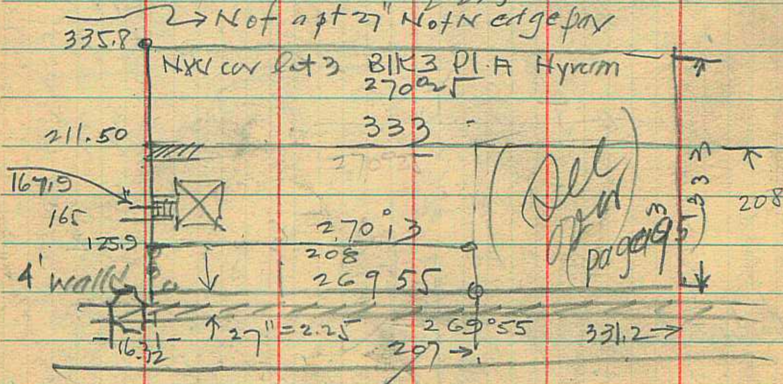
63

2
4

4.5
.5
22.50

25
40

3.5
1.1




270°13 216 from offset

4



207 25
.005

333 8
333

330
.0085

269 55
30
25

269 55
269 25
30

269 55
30
25

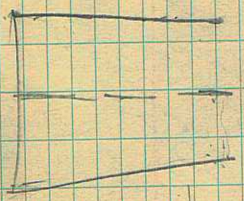
.00850
29
30

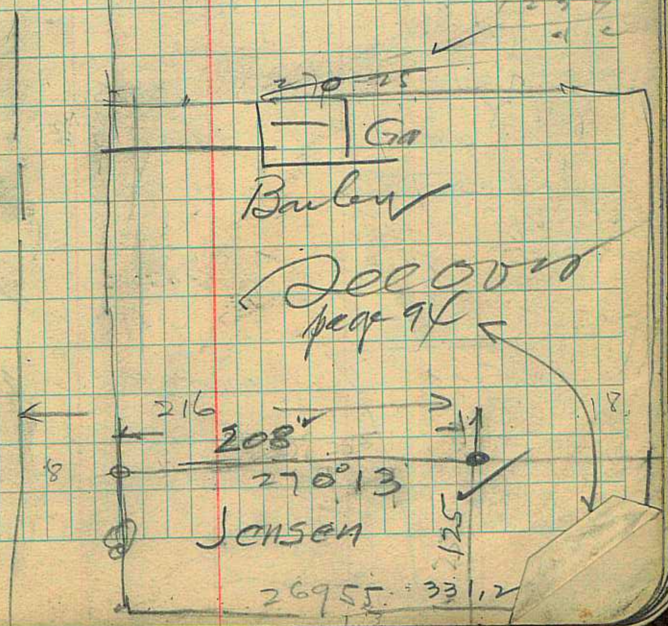
269 25
12

269 55
30
270 25
12

269 55
18
70 23

269 55
30
270 25





.0026
208
.0026
1248
416
.540

125.9
5
125.4

.0026
50
.1300

.00029
5
167.9
.0043

.75
.15
375
75

26955
66
27006

.00029
.00083
208
.0018

208
.002
.416

208
.002
.416

167.9
166.1
1.7

.00029
.0029
29
.319

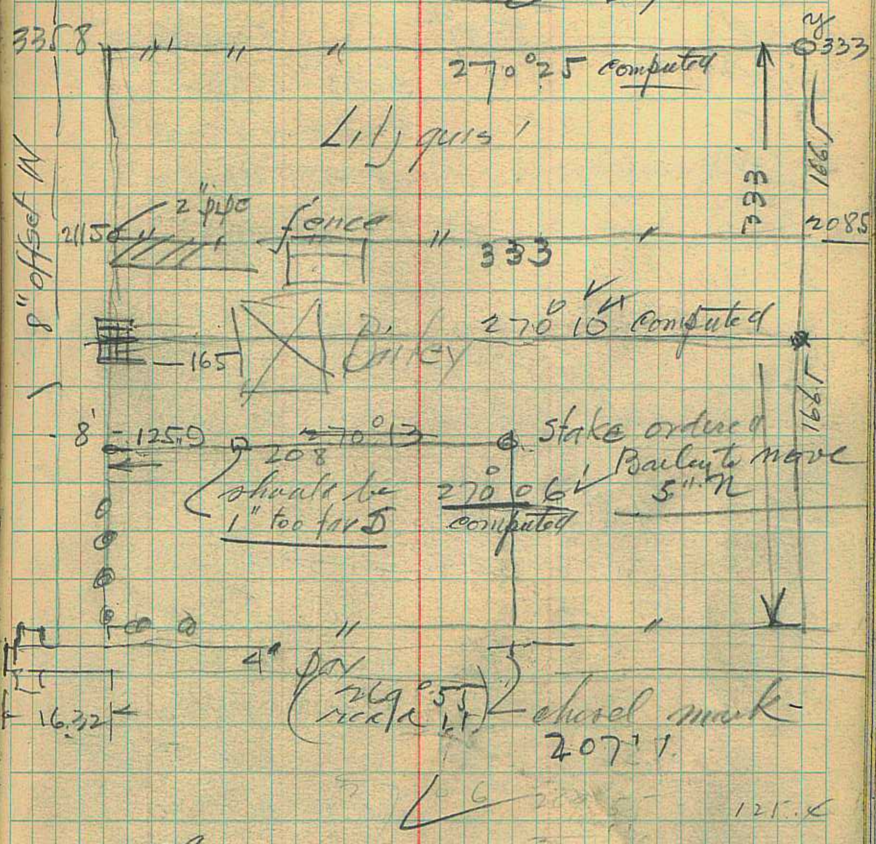
125.9
3
125.6

NW cor Blk
±665.7 = Y

335.8
333
2.8
330
= 0° 30'

208.5

W. S. Bailey
Hyrum




.00029
9
.00261
.002

208
.002
.416

15
40
600

.018
5
.0900

125.6

26955
26955
30

166.5
60
99900

208
2

| | BS | FS | [illegible] | | |
|---|---|---|---|---|---|
| Σ | 34°08 | | 3.1 | 4712.72 | |
| 20 | 3 E of tree 3644 | | 4.7 | 4711.12 ✓ | |
| 9+62 | | | | | |
| 9 | 11.99 h | | | | 4715.82 ✓ |
| 9 | | 5.17 h | | 4703.93 ✓ | |
| 9 | | | 5.35 c | 4703.65 | |
| 8 | | | 4.80 | 4704.20 | |
| ν | | | 5.7 | 4703.3 ✓ | |
| | | | 5.65 | 4703.35 ✓ | |
| | | | 6.80 | | |
| | 8.44 | 2.53 | | 4700.56 | 4709.00 |
| #6 | 9.46 | | | | 4703.09 |
| #6 | | 0.08 h | ~~0.10~~ h | 4693.63 | |
| #1 | | | 4.60 h | 4689.11 ✓ | 4693.71 |
| | | | 0.1 | 4693.60 | |
| | 7.56 | 1.26 | | 4686.15 | 4693.71 |
| | | | 10.2 c | 4677.20 | |
| PM REGION Top St. mon | 11.76 | | | 4675.65 | 4687.41 |

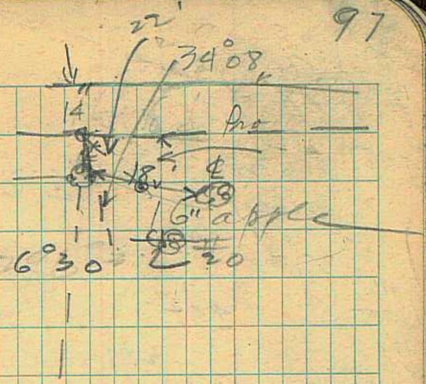


Az L C

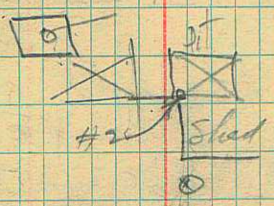
1.65 3.6

3 3.96

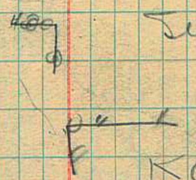
set 116°30




on cor. floor by manure pits
small pit trough
top open tee crux




℄ West door concrete floor shed



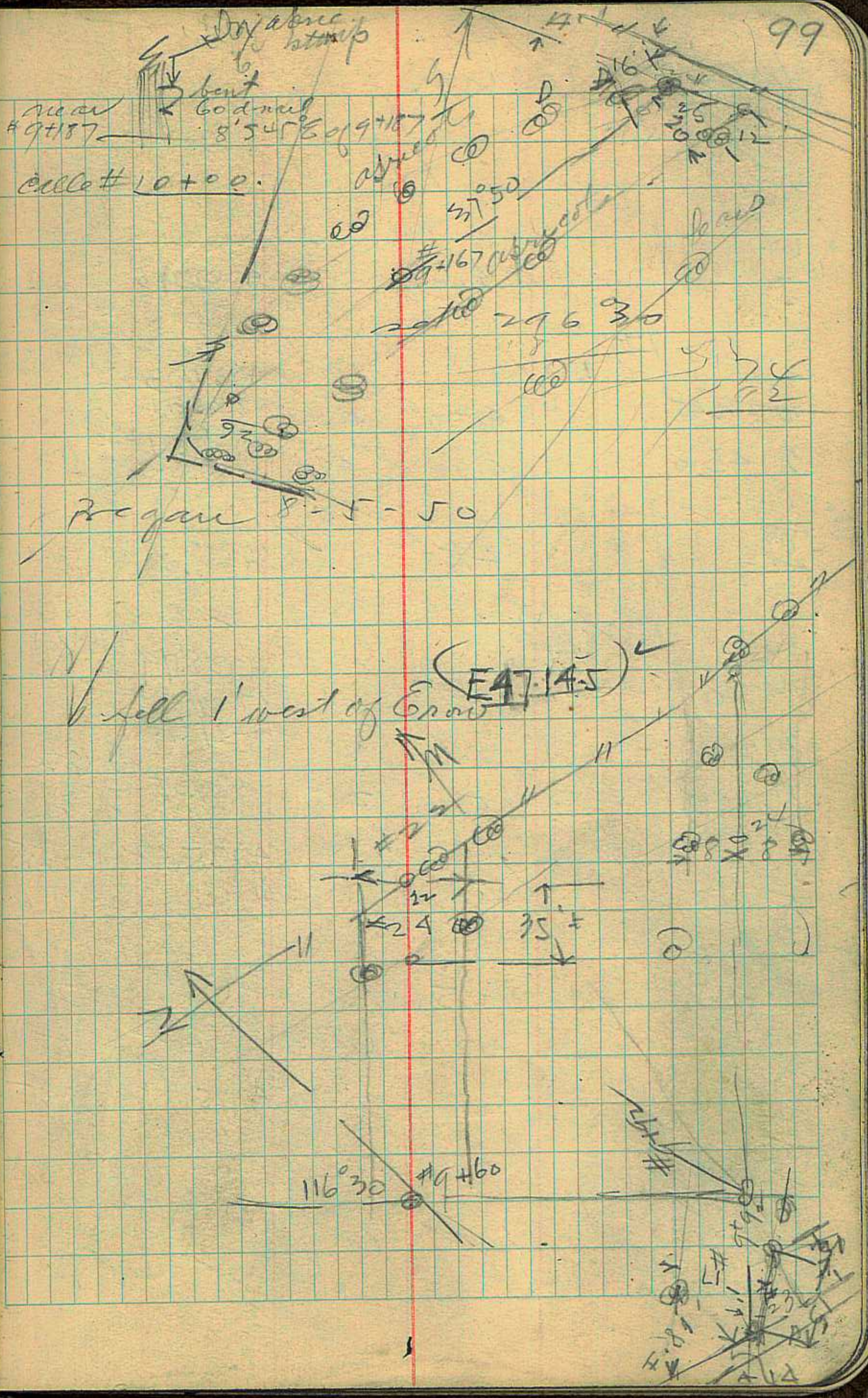
Sw cor

C = contour

KCS [illegible]

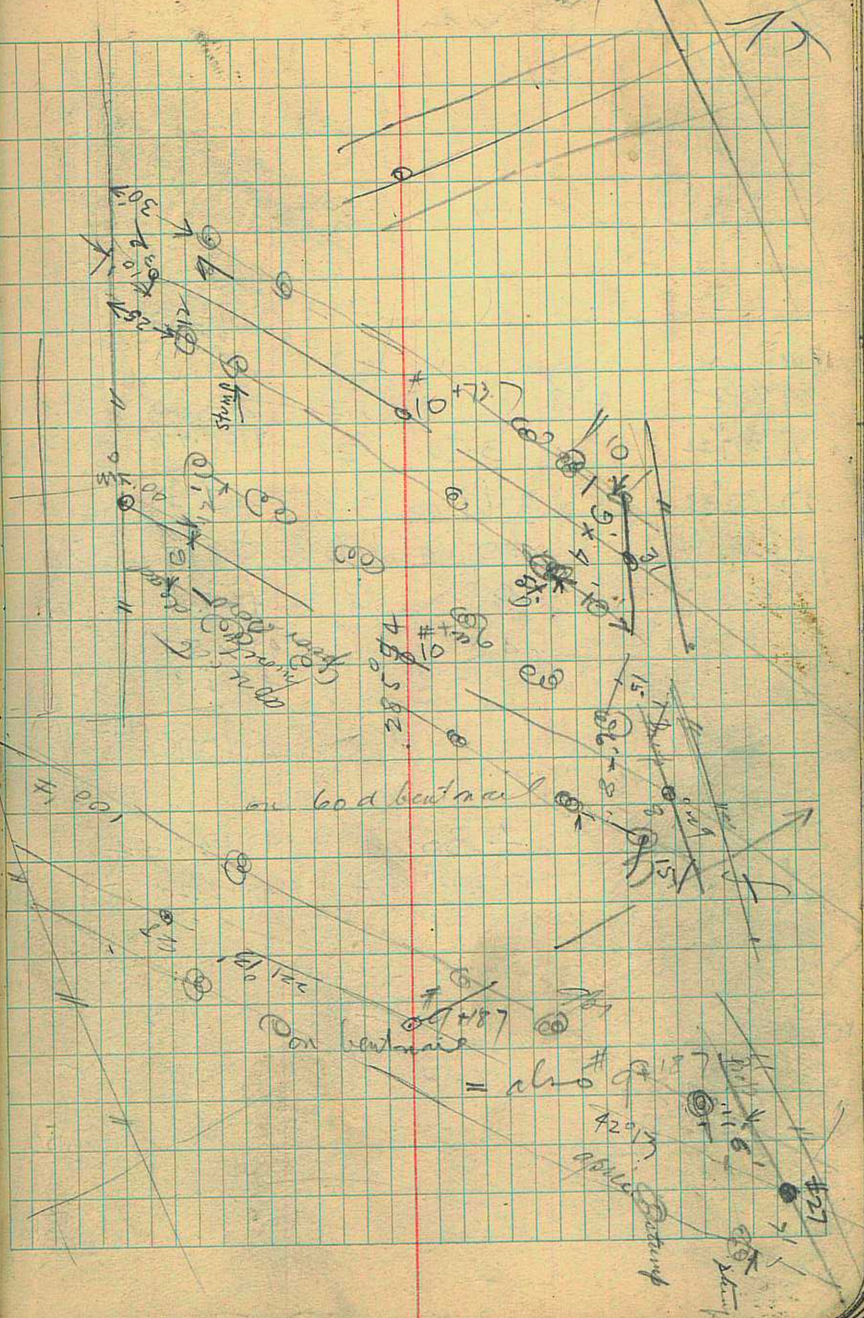
| Pt | Az | BS | FS | ~~ | | Elev | HI |
| --- | --- | --- | --- | --- | --- | --- | --- |
| BM #1 | | | 0.72 | | | 4725.42 ✓ | |
| #9+187 | 296°30 | | | 2.21 | ~~2~~ | 4723.93 | ~~3.5~~ |
| 26 | 220°43' | | | 4.2 ✓ | 2 | 4721.94 | 3.5 |
| 25 | 37°50' | | | 3.4 | 2' | 4722.74 | 3.5 ✓ |
| #9+167 ⊼ | | 4.94 | | | | | 4726.1 ✓ |
| 9+167 | | | 2.98 | | | 4721.20 ✓ | |
| #9+131 | | | | 7.82 | | 4716.36 | |
| #9+92 | | 10.44 | | | | 4713.74 | 4724.18 |
| 24 | 220°18' | | | 4.50 | 4.00 | Elev 4713.1 | 5.50 |
| 23 | 38° | | | — | 0.8 | −0°42 | 2.67 |
| 9+92 ⊼ | | 4.84 | | | | | HI 4718.58 ✓ |
| 9+92 | 296°30 | | 2.08 | | | 4713.74 | |
| 22 | 214°17 | | | 4.30 | 1.87 | 4711.52 | 4.00 |
| #9+62 ⊼ | | | | | | | HI 4715.82 |





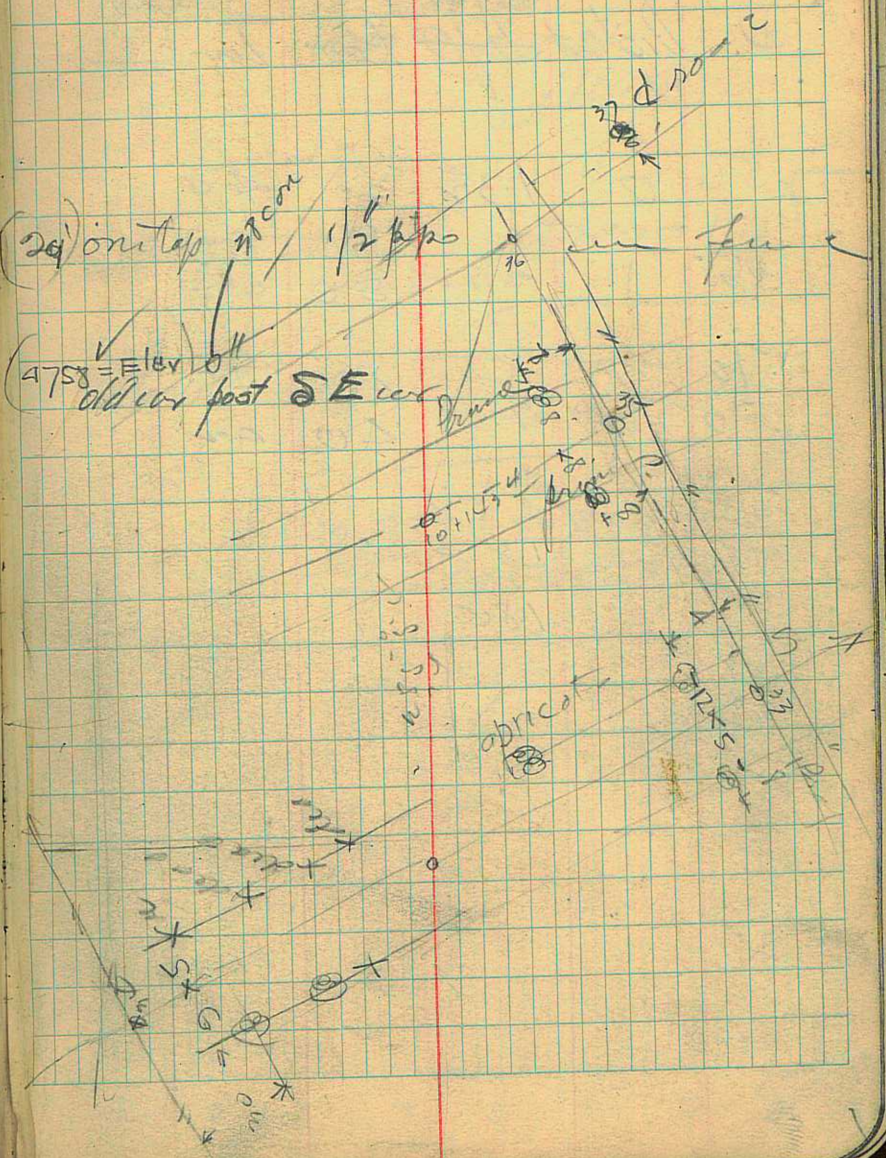
| Sta | ang | BS | FS | um | | | |
|---|---|---|---|---|---|---|---|
| #10+107.7 ⊼ | | | | 4.6 | | 4742.90 | |
| | | 7.77 | 1.88 | | | 4739.73 | 4747.50 |
| 32 | 223°45 | | | 4.90 | 4. | 4736.71 | 5.26 |
| 31 | 45°10 | | | 5.90 | 4. | 4735.71 | 5.27 |
| #10+73.7 ⊼ | | | | 4.58 | | 4737.03 | |
| | | 8.82 | 1.56 | | | 4732.79 | 4741.61 |
| 10+36 | 0 | | | 4.86 | | 4729.49 4731.75 | |
| 30 | 221°37 | | | 2.6 | 2 | | 4.02 |
| 29 BM | 42°43 | | | 5.00 | 2. | 4729.35 | 3.35 |
| | | 8.93 | | | | 4725.42 | 4734.35 |
| #10+36 ⊼ | | | | | | | |
| | | | | | | 4724.15 | |
| 28 | 221°13 | | | 4.5 | 1.50 | 4723.95 | 2.82 |
| 27 BM | 42°13 | | | 4.7 | 4. | | 5.45 |
| | | 9.23 | | | | 4725.42 | 4728.65 |
| #10 ⊼ | | | | | | | |





error

| Sta ∠ BS | FS | | | Elev | |
|---|---|---|---|---|---|
| | | | | cor E = 4753.89 | |
| BM3 39 242°± | 2.38 | | 2 | ~~4753.03~~ 4750.91 | 2.29 |
| 38 239°22' | | 3.50 | 2 | | 2.30 |
| 37 351°38' | | 4761.00 | 3.6 | +5°43 | 4.71 |
| 36 350°1± | | 4758.00 | 1.60 | +4°15' | 2.36 |
| 35 44°07 | | 4.5 | 4 | 4749.91 | 5.02 |
| | | 4.86 | | 4749.57 | |
| 10+143± | | 4.56 | | 4749.57 | |
| ⊼ | 8.67 | | | | 4754.41 |
| | 1.76 | | | 4745.74 | |
| 34 226°37 | | 4.30 | 4 | 4743.20 | 4.86 |
| 33 44°42' | | 5.30 | 4 | 4742.20 | 5.15 |
| 10+1077 | | | | | |
| ⊼ | 7.77 | | | | 4747.50 |



Water Meas
for W G Thompson

| D | Dist out | V at .2H ~~Def~~ | Rev | Time |
|---|---|---|---|---|
| .56 | 0 | 1.35 | 30 | ~~49~~ |
| | | | ~~50~~ | ~~49~~ |
| .65 | 1 | 2.22 | 50 | 49 |
| .70 | 2 | 2.00 | 40 | 45 |
| .70 | 2 | 2.08 | 40 | 42 |

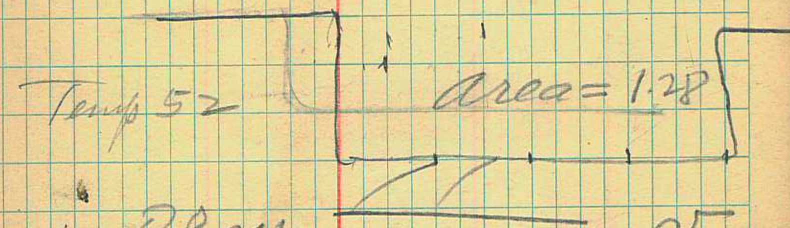
3)5.54
1.84

1.84

.56
.65
.70
3)1.91
.64
2
1.28

at Jr's well
8 - 4 - 1950 - 3 PM
Speed of pump

flume

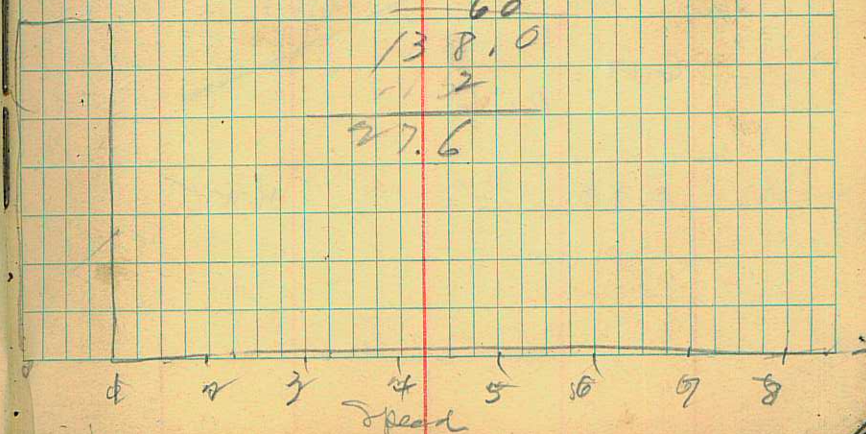



① 760 RPM
② 780

mean V
= 1.84

2.58 11-26-51 computed
~~2.35 CFS~~

2.3
60
138.0
2
276



| | BS | FS | | | |
|---|---|---|---|---|---|
| #1 | | 2.07 | | 4689.10 | |
| | 6.18 | 0.76 | | | |
| | 10.10 | | | 4675.65 | |
| | | direct leve[l] | | | |



K. C. Schaubs

check levels 8-5-50
St. mon. 8 E 10 n to hub
#1

Checks

top St. mon 8 E 10 n

Aug 11 - 1950
Lewiston Yola app 12111
Speed start 1948

---

down

N 1971.25 E 1/4 cor 9

1971.38

1971.78



Delos Wames 13 N 16 E
App. #14328

Pt. of diversion
(1) 22.5' S & 37' W of NE cor 16
(2) 43.5' N & 37' W "
(3) 1240' W - 950' N "

10 C.F.S.

---

Alvey W. L.
7 1/2 C.F.S.

See print #130

---

℄ main E & W Road NE cor sec 9

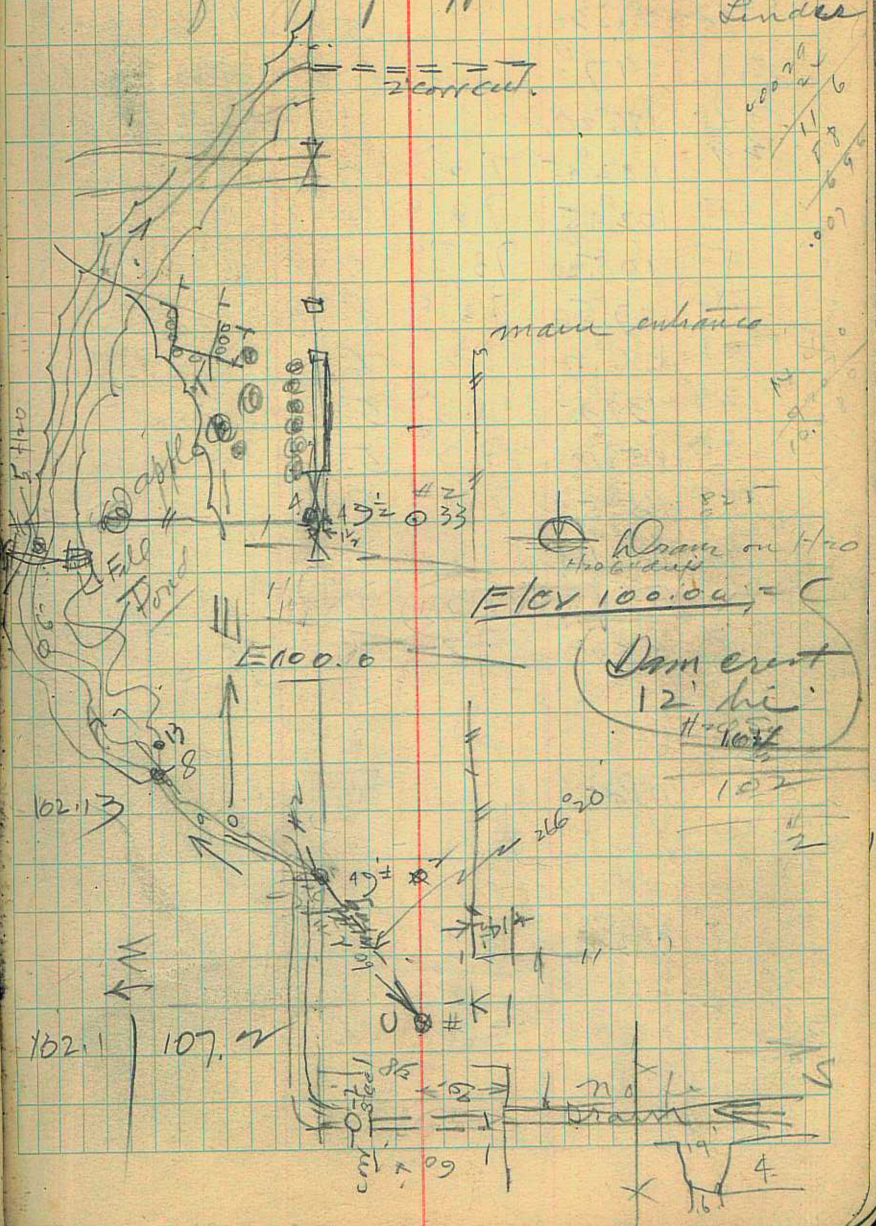
| | ∠ | ER | Stadia | | |
|---|---|---|---|---|---|
| 17 | 153° | 7.2 c | 6 | | 7.56 |
| 16 | 129°30 | 7.2 c | 5.86 | | 8.00 |
| 15 | 112°45 | 7.2 c | 9 | | 11.85 |
| 14 c | 106°37 | 7.2 c | 8 | | 11.7 |
| 13 c | 101°50 | 7.2 | ~~7.~~ | 9 | 11.05 |
| 12 ✓ | 102°05 | | 7.00 | | 12 |
| 11 | 109°30 | Cr | 7.75 | | 12.0 |
| 10 | 110° | Cr | 8 | | 11.55 |
| 9 | 113° | Cr | 9 | | 12.1 |
| 8 | 131°00 | Cr | 9 | -0°26 | 11.49 |
| 7 | 160°20 | Cr | 10 | -0°44 | 11.93 |
| 6 | 172°40 | Cr | 9 | -0°55 | 11.26 |
| 5 | 177°30 | Cr | 9 90.2 | -1°08 | 11.46 |
| 4 | 181°22 | 7.2 | 7 | | 7.50 |
| 3 | | 5.07 | | | |
| | 270°14 | prob. sec line | | | |
| 3 | 269°49 | | -0 24 | 4.00 | 11.20 |
| W | 266°20 | | -0°25 | 8+00 | 12.00 |
| | | | | smoke | |
| | 363°37 | | | | |
| 1 | | 5.10 | | | |

C = contour 100

Aug 11-1950 111

Elev HI Lewiston Town survey

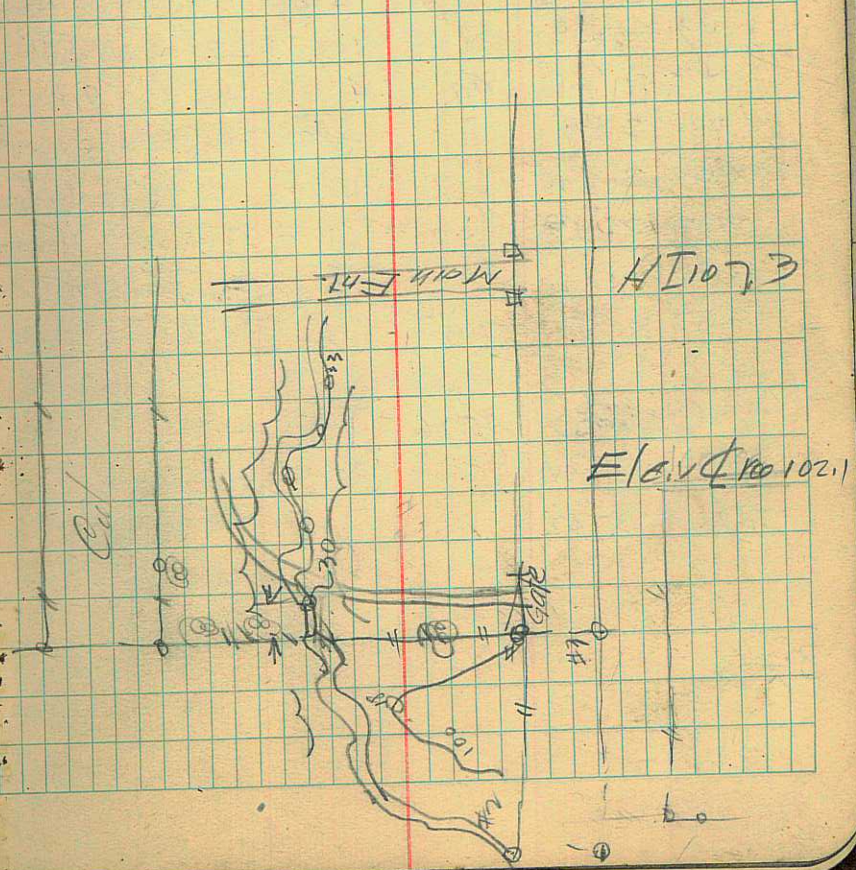
for proof app. #12111 Ord Linder



| | | RR | | | |
|---|---|---|---|---|---|
| 33 | 229° | | 8 | -1°36 | 10.96 |
| 32 | 215°30 | | 5 | -1°56 | 7.93 |
| 31 | 197° | | 6.3 | -1°93 | 8.94 |
| 30 | 186°20 | | 8 | — | 10.63 |
| 29 | 102°45 | 7.3 c | 7 | | 11.25 |
| 28 | 102°45 | 7.3 c | 7 | | 11.2 |
| 27 | 105°20 | 7.3 ± c | 8 | | 12.3 |
| 26 | 113°50 | 7.3 ± c | 8 | | 11.5 |
| 25 | 126°17 | 7.3 c | 6 | | 9.15 |
| 24 | 137°35 | 7.3 c | 5 | | 7.58 |
| 23 | 157°18 | 7.3 | 5 | | 7.56 |
| 22 | 165°15 | 7.3 c | 8 | | 11.1 |
| 21 | 151°10 | 7.3 c | 7 | | 11.2 |
| 20 | 155°10 | 7.3 c | 7 c | | 11.08 |
| 19 | 175°39 | 7.3 | 8 | 98.00 ± | 11.93 |
| | 328°45 | | | | |
| 3 | | 5.19 | | | |
| 18 | 172°00 | 7.2 | 6 | | 7.47 |
| 3 | | 5.07 | | | |



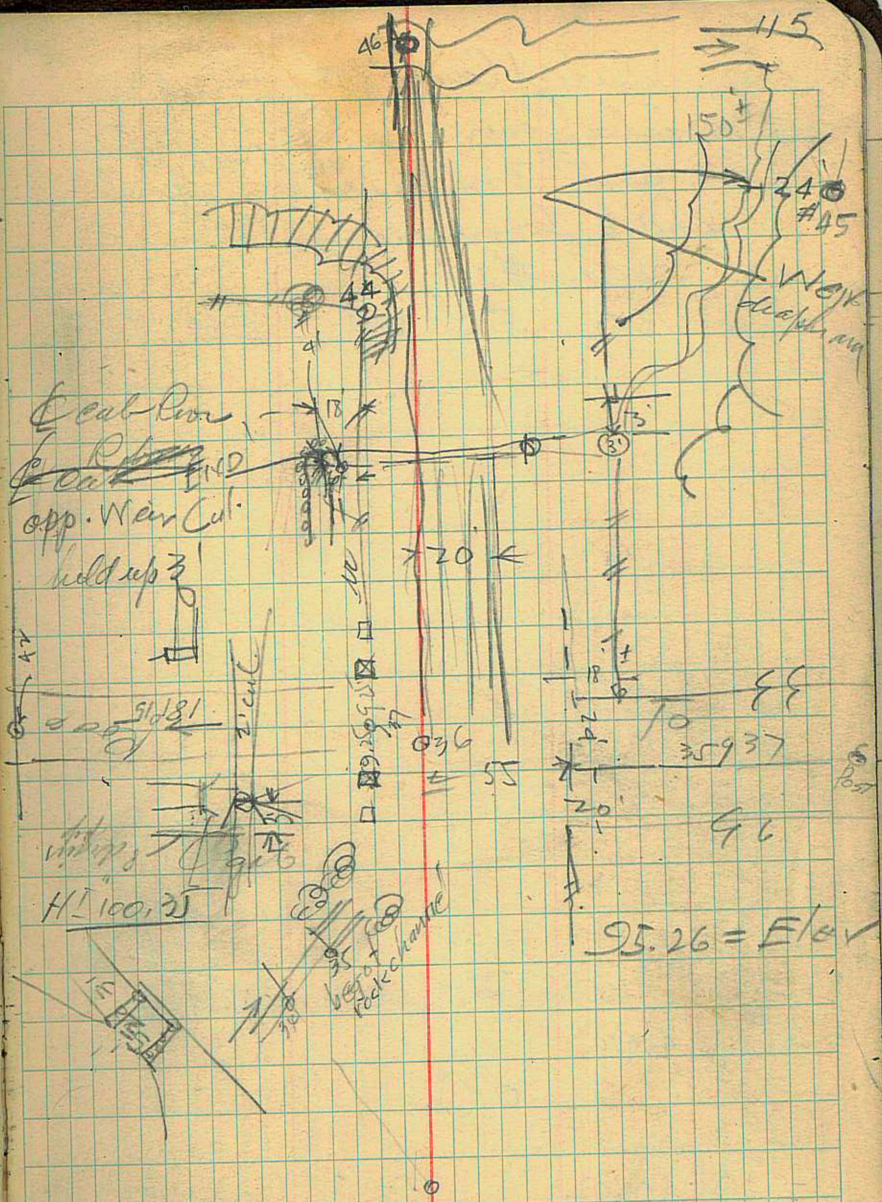
Elev, HI



| | | | | | |
|---|---|---|---|---|---|
| 46 | 271°12' | | 4.0 | -1°16 | 11.5 |
| 45 | 285°40' | | 7.00 | +0°35 | 11.52 |
| 44 | 262°35 | | 4.0 | +0°41 | 6.66 |
| 43 | 288° | | 10 | -2°16 | 11.51 |
| 42 | 181°06' | 99 | 4 | +0°30' | 11.1 |
| 41 | 249° | | -3°20 | 4.59 | 5.2 |
| 40 | 208°34 | | 10 | -1°40 | 11.06 |
| 39 | 191°27 | | 10. | -1°30 | 11.15 |
| 38 | 171°42 | | 8 | -2°16 | 9.15 |
| 37 | 185°37 | 7.3 | 7 | 0° | 7.30 |
| | | 5.09 | | | |
| 36 | 266°59' | 95.26 | 1.00 | -1°10' | 4.57 |
| 35 | 243°34 | | 5.0 | -1°59 | 8. |
| 34 | 237°42' | | 7.0 | -1°59' | 9.9 |

36π

3π



Direct levels 8-11-50
Sewerline Cem.
from #3 on Road to #1
and to lower end 2' cul
near #1

| | BS | FS | HI | Elev | H I |
|---|---|---|---|---|---|
| | | 10.7 | | 105.81 | |
| 1 | 4.99 | | | | |
| | | 0.60± | | | |
| #3 | 10.02 | | | 100 | |



Top

N end Culvert near #1

151 13 30
151 00

Add 12 30
(see page 118)

91°14' mon 3 E 9 n should
1 185 56

42 181°42 to nail along West line Blk 11 in tree also
41 91°42 along & parallel 30' S of SL Blk 11
92°38 should be 272°38

40
40 1°42'
181°42 8d nail in tree on line
42 5°56' Mon 8E9n
8 272°30'30" to
127 49 E end sign board on 91
2.66 to Blk 11 - w line
151°13 ∴ added 12'30" to all ang
#1

old ang 151 00 30 Aud Rme stake
#8 272°20 old ang



Aug 14 - 1950

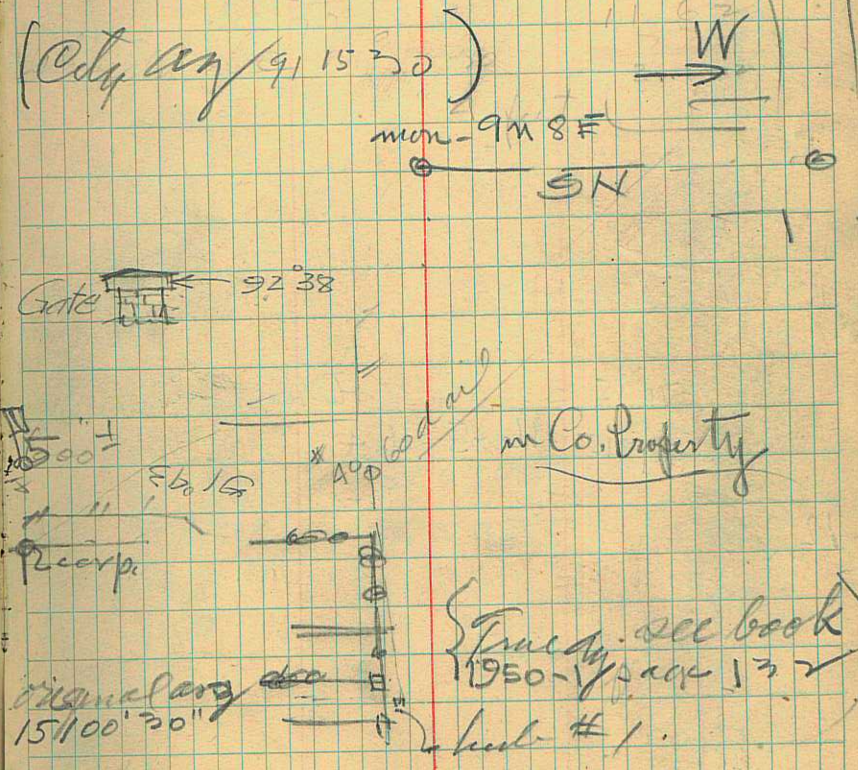
Angles & study on
R C Schaufel
Valley View Sub

272 30 30
272 20
10
30 59 60
88 44 30
1 91 15 30

179 69 60
91 14
88 46

NS

(Cdy ang 91 15 30)




{Trued See book
1950-1 page 132

27°15  to nail in tree
27°15  16'-5"=16.4

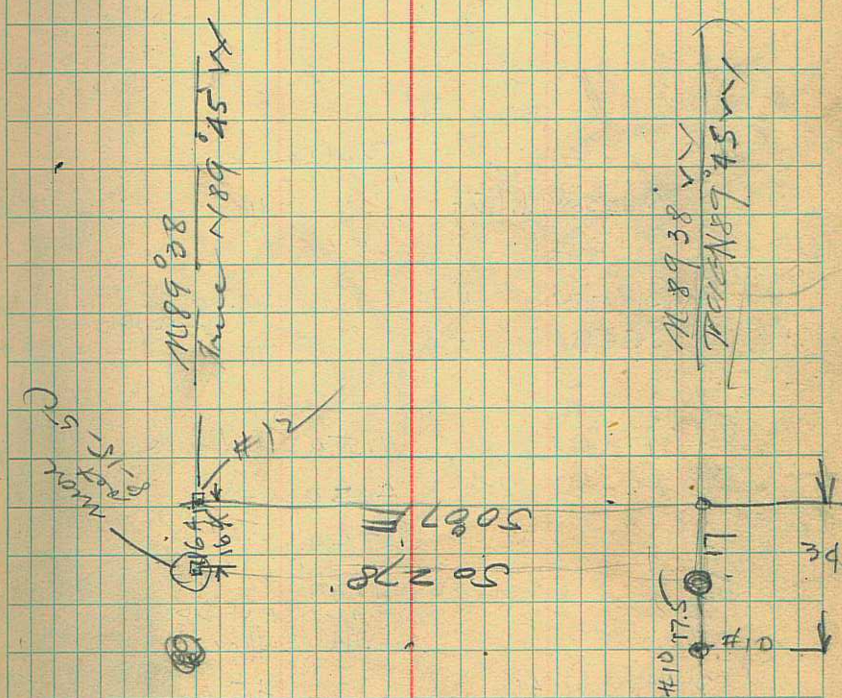
12^



setting mon
on Ezra Lundahl cor.
the NE 4 SE from
#10 and

345.5
328
17.5

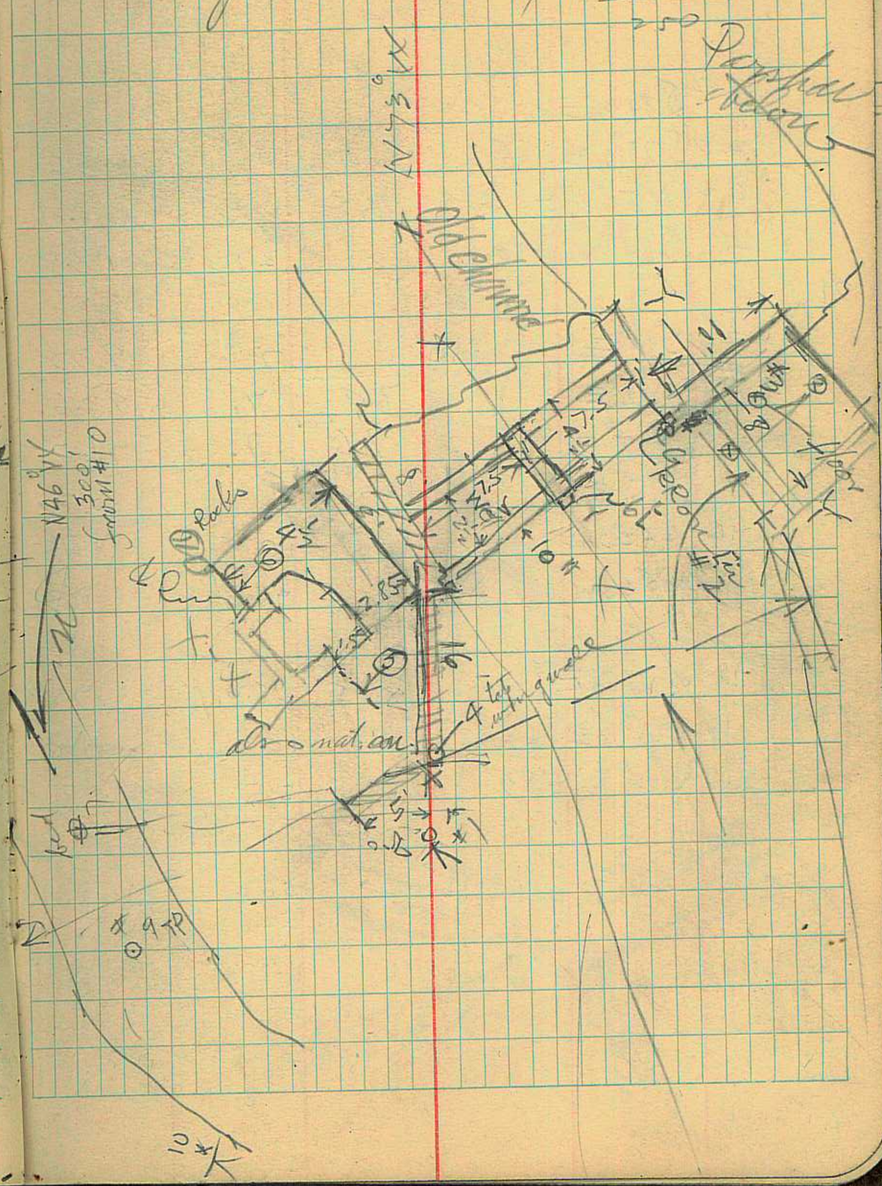
345
175
170.0



| | Bear | BS | FS | un | Sta 9 |
|---|---|---|---|---|---|
| 10 | | | 3.60 | | |
| 9 TP | N22°30'W | 11.65 | | 11 | 11.44 11.41 |
| 10 TP 9 | S10°45'W | 11.10 | | 10.00 −2.16 | 11.12 |
| 8 | S54°W | | | 7 | 8.12 |
| | | | | 10.00 | 11.02 |
| 7 | S10°W | | 11.50 | bed Rock | |
| 4 | | | 4.50 | | |
| 6 | | | 8.94 | | |
| 5 | | | 7.33 | | |
| 3 | | | 7.76 | on H2O | |
| 3 | | | 8.94 | floor | |
| 2 | N47°30'W | 4.66 | | 4.5 | 4.85 |

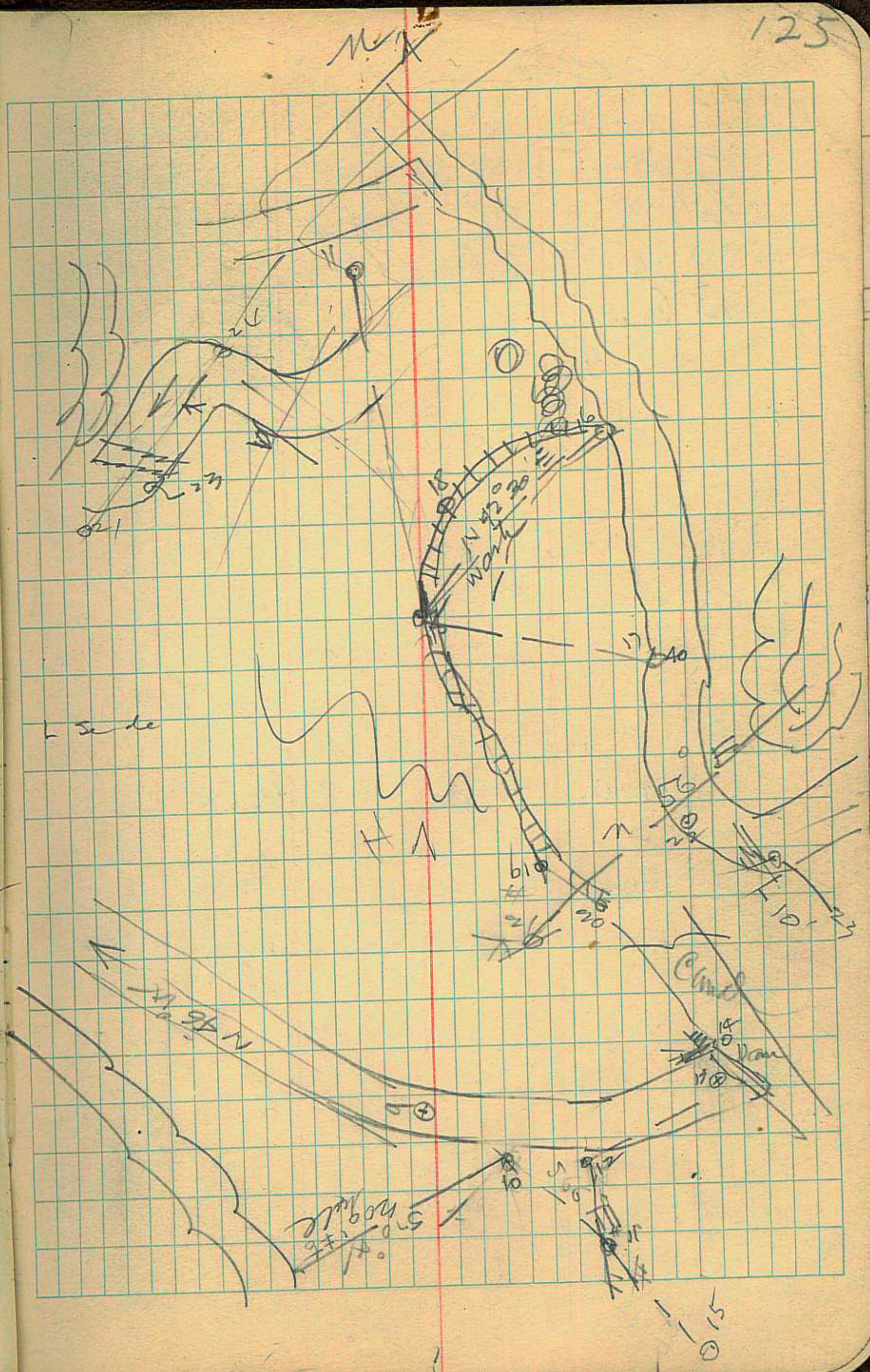
1

Study of Survey
headworks J. B. Whit
Aug 18 - 1950



| Pt | Bear | Bs Es | [illegible] | | |
|---|---|---|---|---|---|
| 24 | S 84°30'E | | 6.83 $H_2O$ | 6 | 8.46 |
| 23 | S 73°30'E | | 7.54 $H_2O$ | 7 | 8.16 |
| 22 ✓ | N 50°20'E | | 8.74 $H_2O$ | 8.3 | 8.61 |
| T 20 | S 16° W | 3.78 | | 3.70 | 3.8 |
| 21 ^ | | | | | |
| TP 20 | S 14° E | 6.35 | | 7 | 9.73 |
| 19 | S 12° E | | 7.9 | 7. | 9.26 |
| 18 | N 15° E | | 7.6 con | 7. | 7.62 |
| 17 | S 85° E | | 13.0 $H_2O$ | 9 | 10.26 |
| 16 | N 42°30'E | | 13.7 $H_2O$ | 10 | 11.76 |
| 11 | N 9°30'W | 10.85 | | 9.00 | 11.36 |
| 15 | | | | | |
| 14 | N 76°20'E | | 8.65 $H_2O$ | 8.0 | 9.52 |
| 13 | N 78°30'E | | 11. | 10 | 11.3 |
| 11 | S 28° E | 5.83 | | 5.5 | 5.83 |
| 12 ✓ | | | | | |
| 11 | S 66° E | 4.79 | | 5.00 | 5.97 |
| 10 ^ | | | | | |





Lese
Com at NW cor lot 2
S 4 r E 9 r ± to E l W½
lot 2 N 4 r to N E cor
of W½ of lot 2 W 9 rds
to beg.

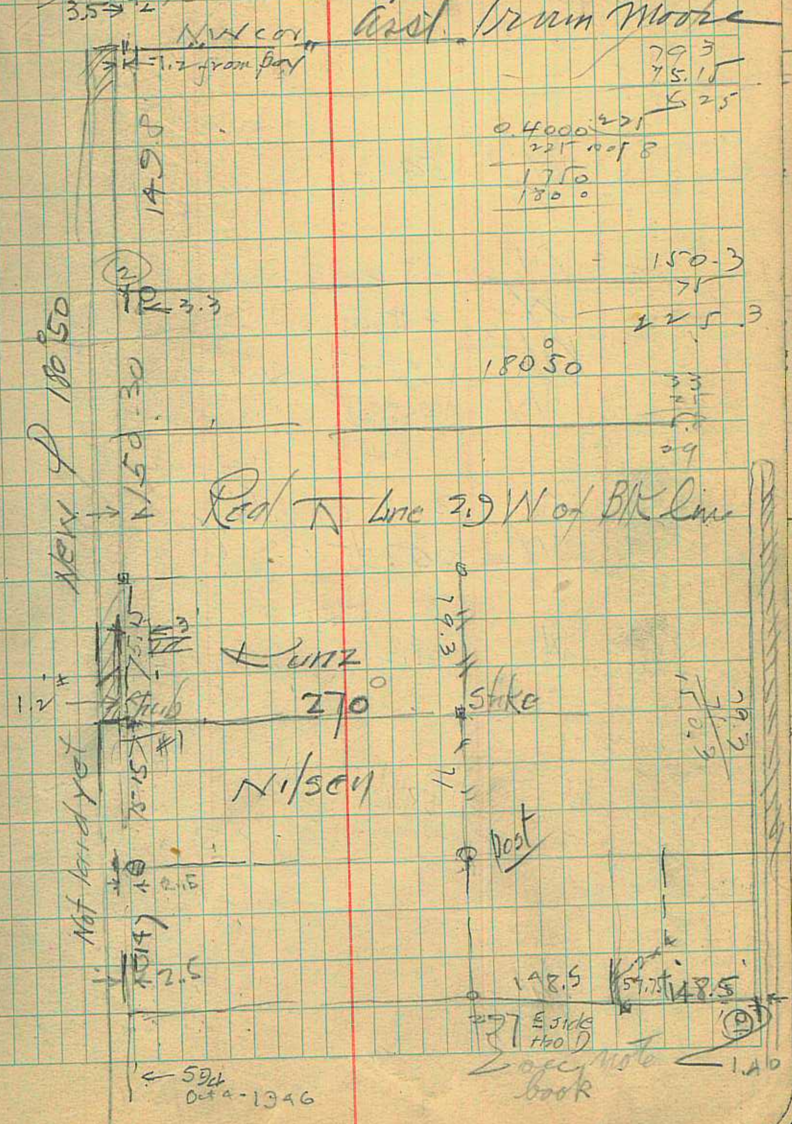
180°56 real ∥ to Blk line

180°50
270. to stake nail 1/2" too far south

270° to stake 1x2 with



Survey for Don
Smith of Smith Bros-Lumber
Co Aug 22 - 1950
Block 72 "A" City
Asst. Irwin Moore



| | |
|---|---|
| VY | 594.27 |
| VII | 482 |
| XX | 445.63 |
| XVI | 445.5 peg as a random |
| VY | 371.5± |
| VI | 300 pin only |
| VY | 297 |
| IX | 241.20 |
| W± | 148.6 |

10



26.3
7.3.7

300.6
147.8
147
594.

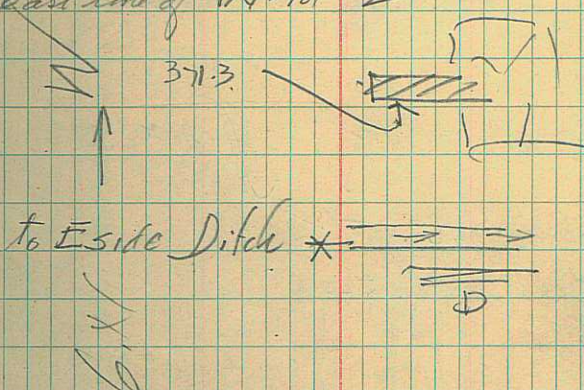
297
148.5
445.5

to West line Blk 72 stake with #6 finish agrees within

297
594
297
148.5
2
148.59
297

on dirt pile from Excav.

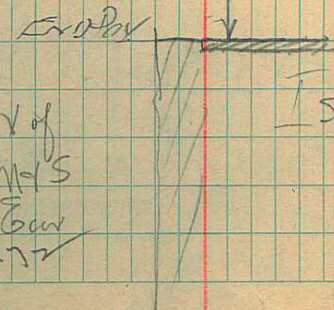
east line of 1N lot 2




to E side Ditch

Blk 72
A C1 y

297.27
148.63
297
445.63




Isrnelson

Beg. 1.4' W of
W. edge Nd S
from SE cor
Blk 72

Back
150 -2

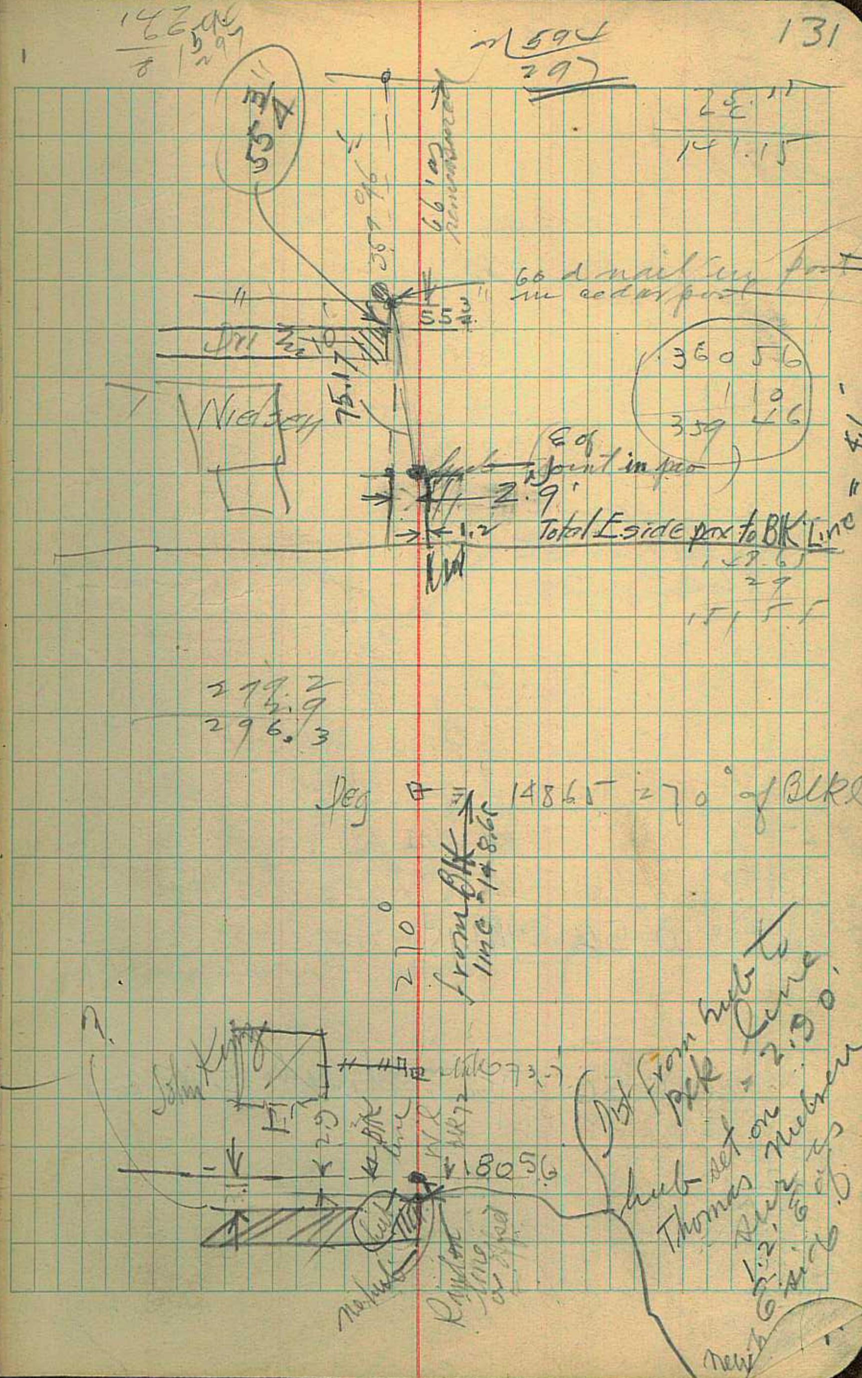
270° 299.2 fence

12✓ 270° {151.55'
=148.65+2.9

270 73.7 stake S end Cathers fence

11





W G Thompson
Richmond Utah

| Distant | Dept | R | Time |
|---|---|---|---|
| 1 | .45 | | |
| 2 | .46 | 40 | 48 |
| 2.5 | 0.4 | 36 | 40 |
| 3.0 | 0.33 | 40 | 47 |
| 2.0 | .46 | 40 | 46 |

| | | | |
|---|---|---|---|
| 2 | .4 | 30 | |

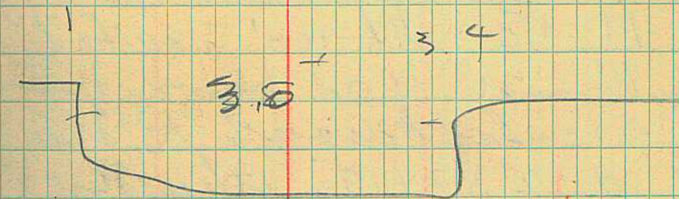
| | | | |
|---|---|---|---|
| | .4 | 30 | 41 |
| | | 40 | 51 |
| | | 40 | 44 |
| | | 30 | 41 |



Forenoon Aug 23-50

9.10
460

840 RPM




.4
1.20

400 45
360 8.8
40 2.18
9
1.962

2

Afternoon Aug 22-50

RPM 568
2
1136

400 44
6.9
2.18
9
1.962 or 2 CFS

12 1/2 acre
~~7~~ pump down in care 70
14

new Service Sta desc for

Beg at a pt on W side S. Hiway S 1°30' W 59.55' from a pt that is S 26°55' W 1477.5' of the E¼ cor sec 4 11 1'E. th 100' Southerly along W side of sd Hiway along a circular curve to R rad of 2824.9', thence N 88°19' W 75', ~~to~~ thence 100' Nerly to a pt that is 75' N 88°19' W from beg S 88°19' E to beg

9 R of W over and across a lane which is approx. 16' wide to the immediate S of the above desc. premises

*

Malan Rice

Aug 28 - 1950 Sur for me S6 sec 4 - 11'E

0 for Spect curve

W G Thompson

100

R of W

50

0

1

1.50

2.00

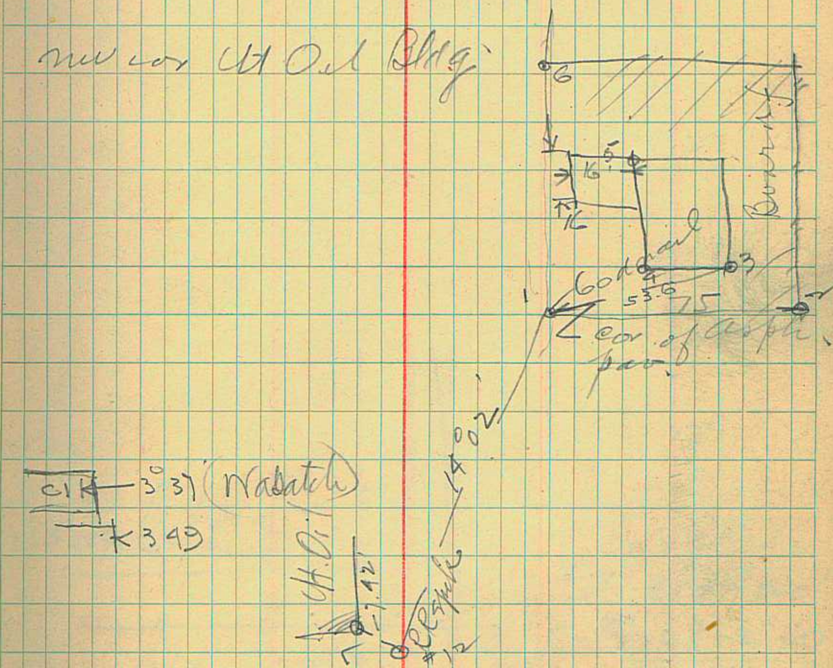
2.5

3.00

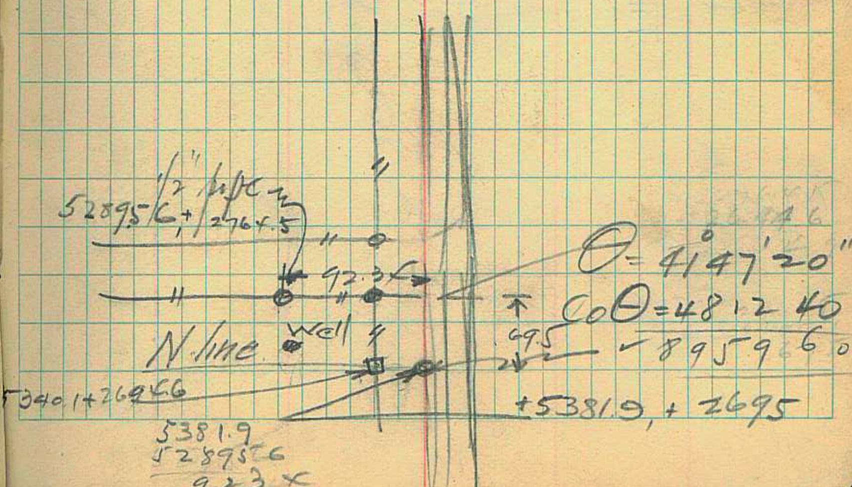
Nolan Rice
aug 28 - 1950
Sec Sh 12-54 phone

| | | |
|---|---|---|
| 7 | 194°53 | × |
| 6 | 3°07 | 100. |
| 5 | 25° | 59.7 |
| 4 | 53°53 | 32.9 |
| 3 | 70°34 | 53.6 |
| 2 | 93°37 | 75' |
| 1 | 14°02 | 371.34 |
| | 3°37 | To R edge |
| | 3°49 | |

nw cor Ut Oil Bldg



Survey for Dr
Clyde Warnes water
approx on his dairy ranch



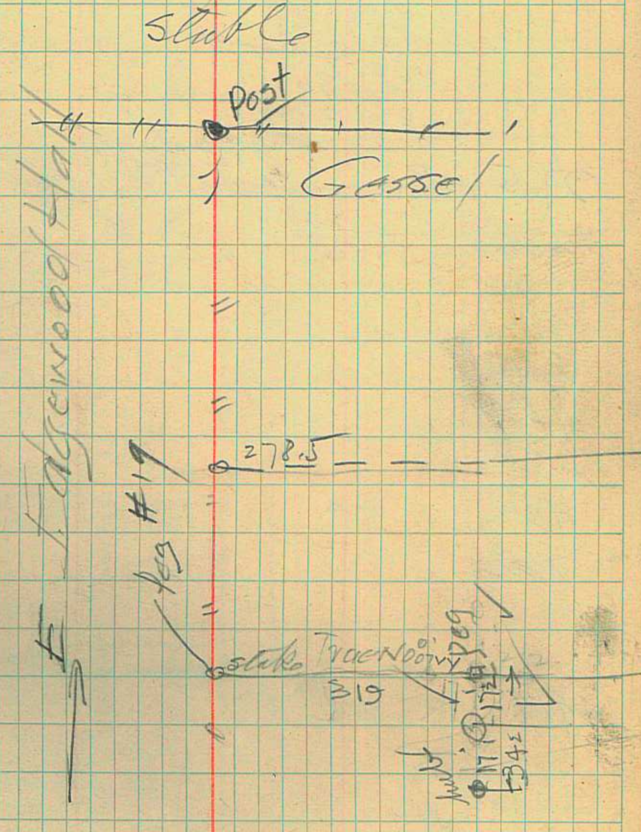
$270^{\circ\pm}$ 957

$E^{+}$ 278.5

19π



Meas 8-21-1950
for Royal Gessel
beg. at #19 n. st. fence cor
E+



Mr. J. E. Eliason
385 N 4th E
City

82.5
15

97.5 180° 11 found old decayed stake on this dimension

49½
46.63

29.68 N



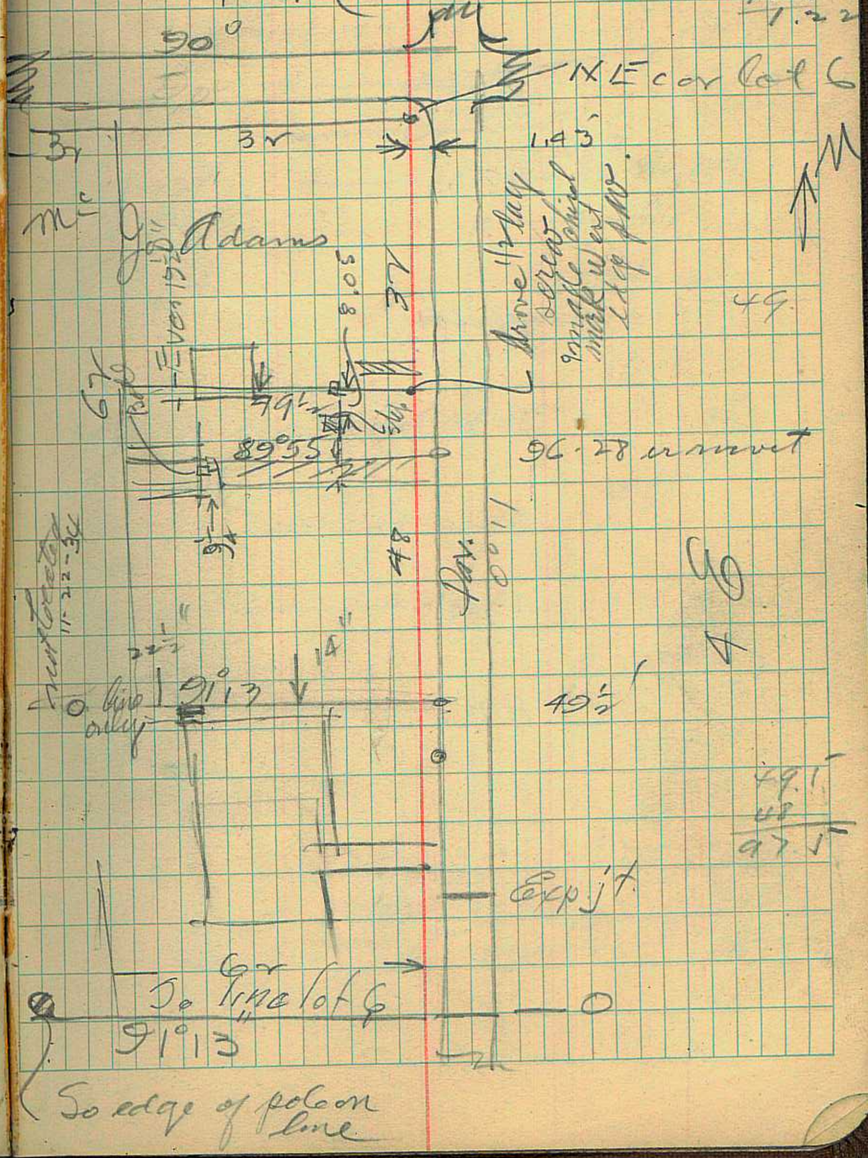
9-15-50 5 PM

Survey for Champlin

on Lot 6 Blk "9" "C" City

retrace survey 11-22-34 Garage
ally for Mrs J E Eliason

| |
|---|
| 49.5 |
| 48 |
| 97.5 |
| 96.28 |
| 1.22 |




| |
|---|
| 49.5 |
| 48 |
| 97.5 |

2629.0

2571.5

2448

2033

2000 bns

1348

1171

N ±

0

0



Addition Surv for
Ed forward of Trent
Beg at Cross road Ed's home

30.43
66
1825.8
1825.8
200.838

Simons

Center of
sec 22
comp to be sta 2611

See page 140

Pitcher

1814
2629
2448
181

2571.5
2448
123.5

no sign of a line

Chambers

50'±

0+25
sec line assumed

0+50

0+36

40+08

→ E

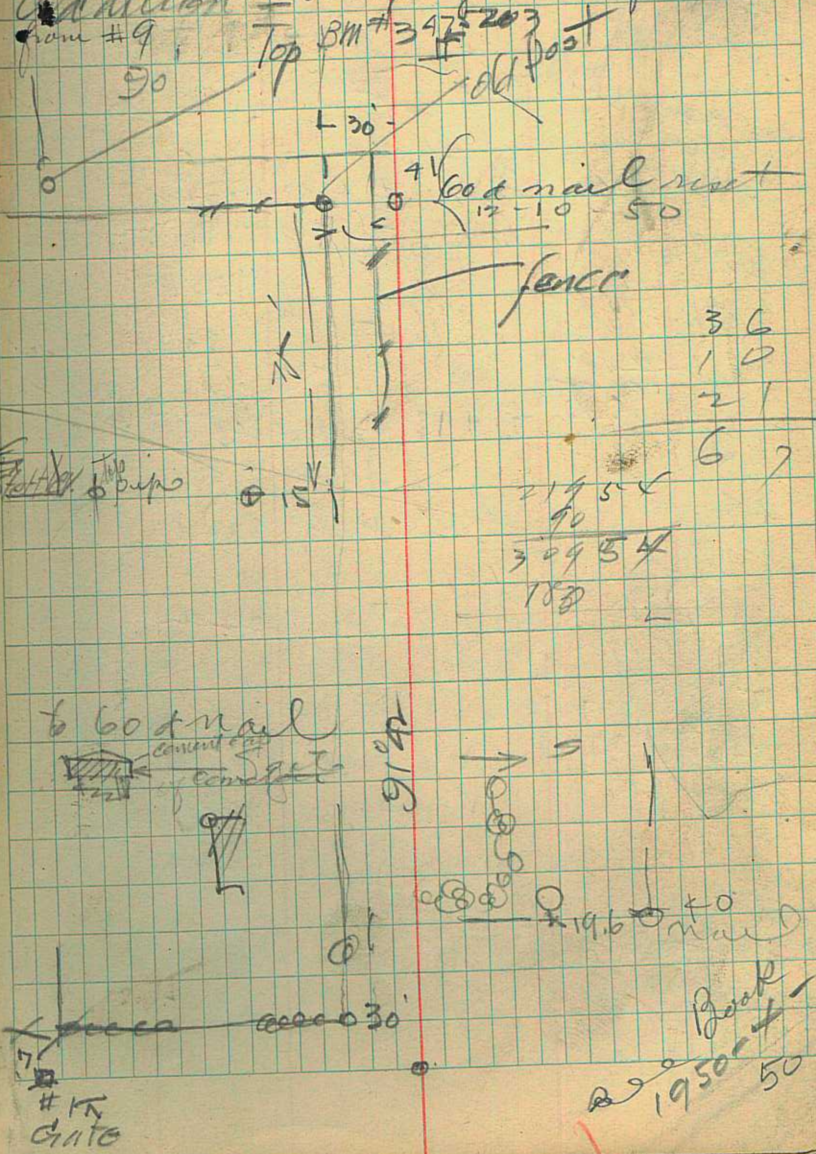
| | | | |
|---|---|---|---|
| | 1295 4' | 12 — 17 50 | hit 1/4" N of m. cntr |
| 45 | 309°54' | | at 1st 6 line 21°95' |
| 44 | 219°54' | 75 | nail in tree |
| 43 | | | |
| 43 | 181°42' | 45 | SE cor Bldg |
| 42 | | | |
| 42 | 91°42 | 75 | |
| | 181°42 | 82 | to NE cor |
| | 181°42 | 30 | To 3" N of S edge post |
| | 181°42 | | hit thru to cor post |
| | 281°11' | | 8 6 SW cor con bar → S Gate post |
| | 18°31 | 43.80 | Parker Garage con. point → 14 |
| | 91°31 | | |
| | 29°16 | | ← S side Thatham Mon |
| 41 | | | |
| 41 | 271°42 | | |
| | 272°38 | | |
| | 187°29' | | Red brick house country pool NW cor farm |
| 40 | | | |



Survey for Mr Clyde Hurst 12-10-50

a part of Blk 11 - College View Addition

see page 22 for Survey




36
10
21
6 7

219 54
90
309 54
180

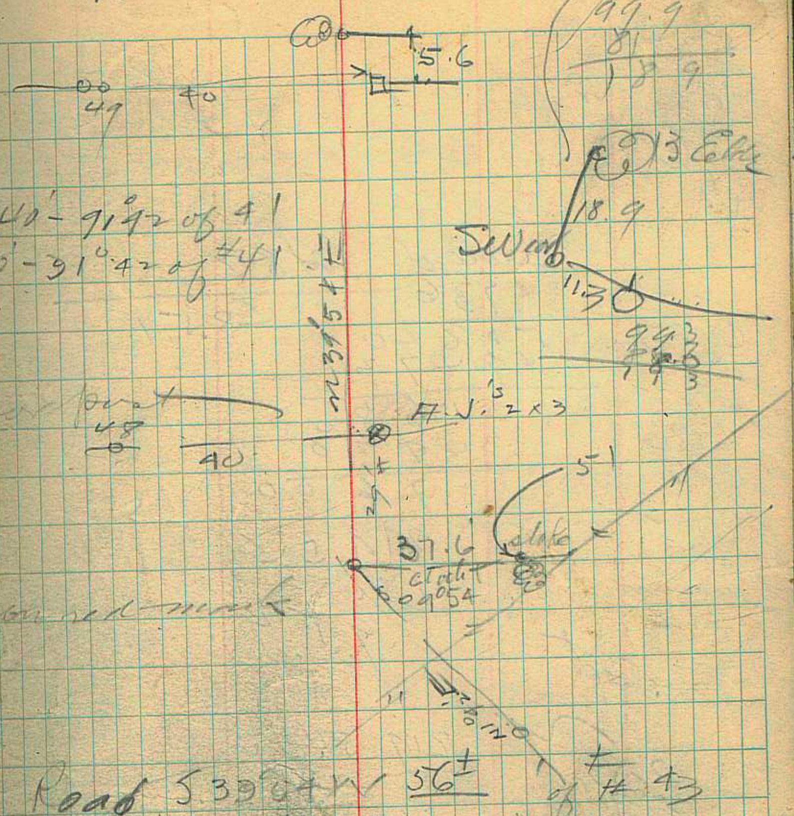
| | | | | | |
|---|---|---|---|---|---|
| | | | 5.3 on Road | 43.54 | 4745.4 |
| | | | 9.00 on leaf | 49.82 | 4751.70 |
| 42 | | | 6.6 | 52.24 | 4754.1 |
| 31°42'W 30 of 51 E cor | | 38.5 hor | + 0.30 | 61.0 ~~4759.8~~ | |
| | | | 2.50 | 56.34 | 4758.20 |
| on BM #9 | | | 6.80 | 4753.90 | |
| 51 | | | 5.16 | 53.68 | 55.54 |
| | 10.55 | 4.44 | | 4750.15 ~~4748.17~~ | 4760.70 ~~4758.60~~ |
| 49 | | | 14.2 | 38.53 | 40.39 |
| 48 | | | 14.2 | 38.53 | 40.39 |
| | | | 5.06 | ~~4747.67~~ | 49.53 |
| 47 | | | 3.86 | 49.87 | 50.73 |
| | | | 9.4 | 43.33 | 45.19 |
| 46 | | | 4.44 | 48.29 | 50.15 |
| 46a | | | 4.70 | 48.00 | 49.89 |
| #44 | | | 5.5 | 47.23 | 49.09 |
| BM #3 | 0.70 | | | 4753.89 ~~4752.03~~ | 4754.59 ~~4752.~~ |
| | | | | 4750 | |

12-18-50



140' - 91°42' of 41

100' - 31°42' of #41




Road S 39°04'W 56±' of #43

S 39 54 W of #43 36.51

on 2x3 red mark ... red mark on garage floor

on ground by 2x3 stake near red mark

on top of pipe 90' N of cor

supposed to be 100 on K.C.S. plan

61°8'

48.51

30000 | 618
2x736 | 48.51
5264
49472
3168
30920
7600

219°5'
180
9 5

peat

26°30'2
38

stake

16.52 pear tree stump

of C T Hurst

9°33

39°54
152.17



270 10
219 5
51 48

39°54 E

23.619 = 51°48 48.1

N1°42 E
181°42
91 42
90 00

219°54

271°42
270°02

180

152.17
8960
5148
3812 = ⊙

tan ⊙ = .7869

.7869
3.0006

23.609

51°42 W

78

219°5
90
309°5
359°60
309°5
50°06

219°59
90
300°59

8960
5148
3812

219°5
51°48
270°102

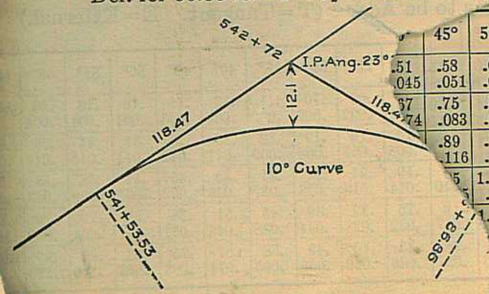
395
5148
340 162

91 42

2° 19½ = def. for sta. 542.

Def. for 50 ft. = 2° 30′ for a 10° Curve.

Def. for 36.86 ft. = 1° 50½′ for a 10° Curve.




...nal.)

| | 45° | 50° | 55° | 60° | 65° | 70° |
|---|---|---|---|---|---|---|
| .51 .045 | .58 .051 | .65 .057 | .72 .063 | .79 .070 | .84 .076 | .90 .083 |
| 67 .74 | .75 .083 | .83 .093 | .90 .106 | .99 .120 | 1.06 .127 | 1.14 .135 |
| | .89 .116 | .99 .129 | 1.09 .149 | 1.20 .170 | 1.29 .179 | 1.39 .188 |
| 5 5 | 1.17 .197 | 1.29 .213 | 1.42 .230 | 1.54 .247 | 1.66 .264 | |
| | 1.34 .265 | 1.49 .277 | 1.64 .290 | 1.79 .315 | 1.94 .341 | |
| | 52 .325 | 1.70 .351 | 1.87 .378 | 2.04 .411 | 2.21 .445 | |

x 10
.0018 0029

-00180 | 0029
17+ 6.7

75.15
66
17 1 15

180 50
180 56

75
75
375
525
+625
9

2.90 | 14
2.8204 07
806
987

0207

1°11

360 56
1 1 1
359.45

9°33

3954
152.17

# CURVE TABLES.

blished by KEUFFEL & ESSER CO.

## W TO USE CURVE TABLES.

contains Tangents and Externals to a 1° curve. Tan. and
her radius may be found nearly enough, by dividing the Tan.
ite the given Central Angle by the given degree of curve.
Deg. of Curve, having the Central Angle and Tangent:
an. opposite the given Central Angle by the given Tangent.
d Deg. of Curve, having the Central Angle and External:
xt. opposite the given Central Angle by the given External.
d Nat. Tan. and Nat. Ex. Sec. for any angle by Table I.: Tan.
twice the given angle divided by the radius of a 1° curve will
t. Tan. or Nat. Ex. Sec.

### *EXAMPLE.*

Wanted a Curve with an Ext. of about 12 ft. Angle
tersection or I. P. = 23° 20′ to the R. at Station
72.

Ext. in Tab. I opposite 23° 20′ = 120.87
120.87 ÷ 12 = 10.07. Say a 10° Curve.

Tan. in Tab. I opp. 23° 20′ = 1183.1
1183.1 ÷ 10 = 118.31.

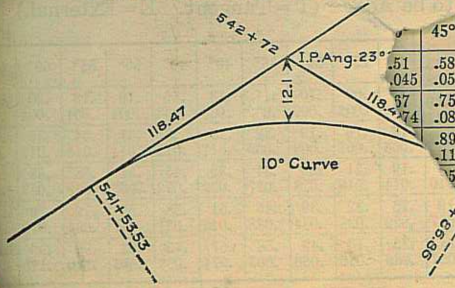
orrection for A. 23° 20′ for a 10° Cur. = 0.16
18.31 + 0.16 = 118.47 = corrected Tangent.

f corrected Ext. is required find in same way)
Ang. 23° 20′ = 23.33° ÷ 10 = 2.3333 = L. C.

| | | | | |
|---|---|---|---|---|
| ′ = def. for sta. | 542 | I. P. = sta. | 542 + 72 |
| ′ = " " " | +50 | Tan. = | 1 .18.47 |
| ′ = " " " | 543 | B. C. = sta. | 541 + 53.53 |
| ½′ = " " " | +50 | L. C. = | 2 .33.33 |
| 40′ = " " " | 543 + 86.86 | E. C. = Sta. | 543 + 86.86 |

0 − 53.53 = 46.47 × 3′ (def. for 1 ft. of 10° Cur.) = 139.41′ =
2° 19½′ = def. for sta. 542.

Def. for 50 ft. = 2° 30′ for a 10° Curve.
Def. for 36.86 ft. = 1° 50½′ for a 10° Curve.




nal.)

| | 45° | 50° | 55° | 60° | 65° | 70° |
|---|---|---|---|---|---|---|
| .51 .045 | .58 .051 | .65 .057 | .72 .063 | .79 .070 | .84 .076 | .90 .083 |
| 67 74 | .75 .083 | .83 .093 | .90 .106 | .99 .120 | 1.06 .127 | 1.14 .135 |
| | .89 .116 | .99 .129 | 1.09 .149 | 1.20 .170 | 1.29 .179 | 1.39 .188 |
| | 5 5 | 1.17 .197 | 1.29 .213 | 1.42 .230 | 1.54 .247 | 1.66 .264 |
| | | 1.34 .265 | 1.49 .277 | 1.64 .290 | 1.79 .315 | 1.94 .341 |
| | | 52 .325 | 1.70 .351 | 1.87 .378 | 2.04 .411 | 2.21 .445 |