

NAME

Algonquin #4

Class

Course

Party

P 110

P'A "
P'B "

W 245

FIELD NOTES

No. 403 P

ESPECIALLY ADAPTED
TO THE USE OF
ENGINEERING STUDENTS

EUGENE DIETZGEN Co.

MANUFACTURERS

DRAWING MATERIALS

MATHEMATICAL AND SURVEYING INSTRUMENTS

MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

1

Land Ties on P. Line
Through Sections 11 & 14

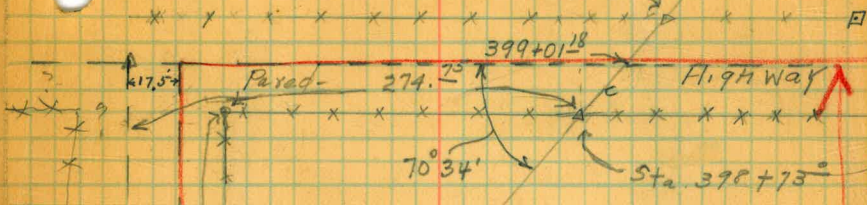
T. 13 S. R. 1 ^{E.}

Private Property

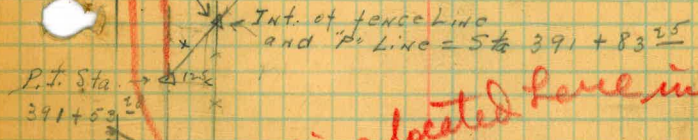
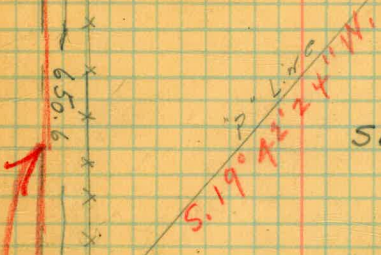
①

Line changed here
Hackett's
LAND

Sec. 14 - T. 13 S. R. 1 E.
399+31



Sec. 11
T. 13 S. R. 1 E.



Find located here in Road
R/W

$$\frac{12.5}{x} = \cos 59^{\circ}04'$$

$$x = \frac{12.5}{.51504} = 24.27$$

$$\frac{30}{c} = \sin 70^{\circ}34'$$

$$c = \frac{30}{.94303} = 31.81$$

Def. Road Topog

Plotted in

9-16-50
9-16-50
9-16-50
E 119 E 408
380

P.O. Sta. 391+5

Highway

1/4" Line
5.19 36" E

(2)

Dec. 6, 1927

Simpson

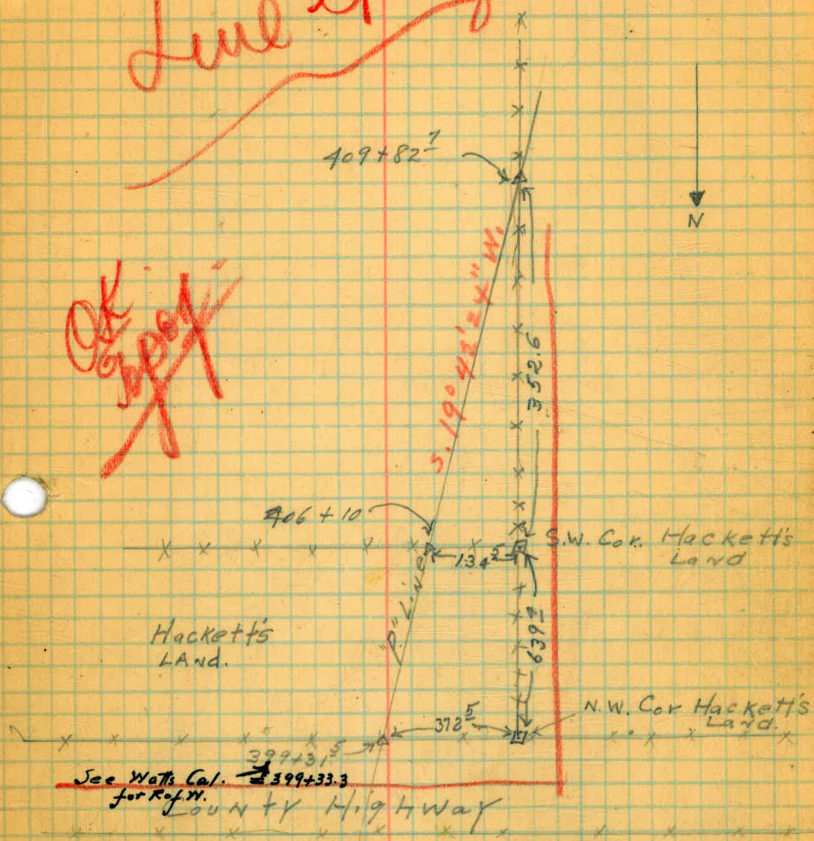
Brooks

Goodbody

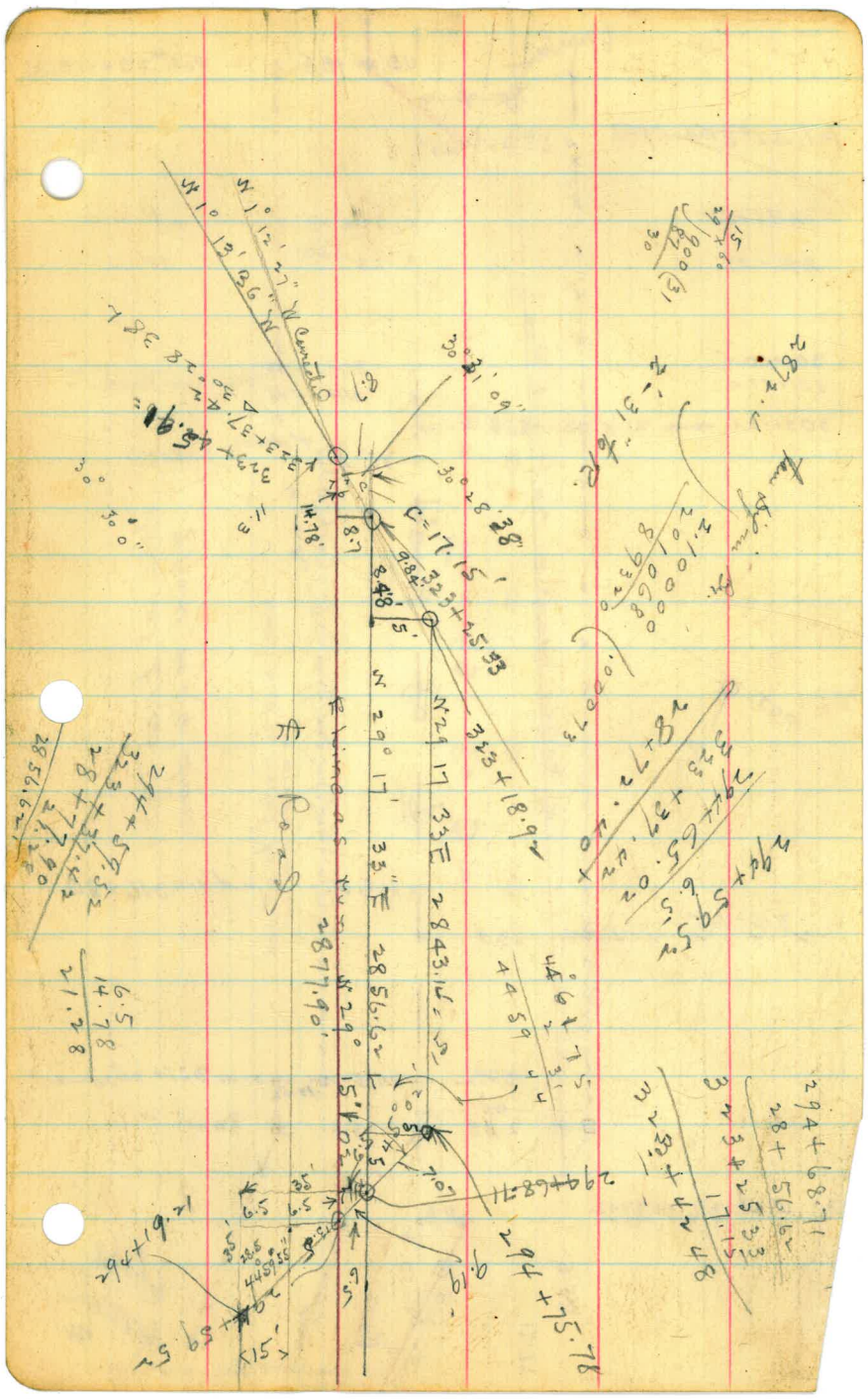
Sketch showing "P" line
going through Hackett's land

Line changed here (2)

~~OK spot~~



Revised
M



$$\begin{array}{r} 15 \\ 29 \times 0.6 \\ \hline 17.4 \\ 174 \\ \hline 161.4 \end{array}$$

$$\begin{array}{r} 210000 \\ 2010000 \\ 89320 \\ \hline 210000 \end{array}$$

$$\begin{array}{r} 294 + 59.52 \\ 287.22 + 40 \\ \hline 294 + 65.02 \\ 6.51 \end{array}$$

$$\begin{array}{r} 294 + 68.71 \\ 28 + 56.6 \\ \hline 294 + 25.33 \\ 11.15 \\ \hline 294 + 44.48 \end{array}$$

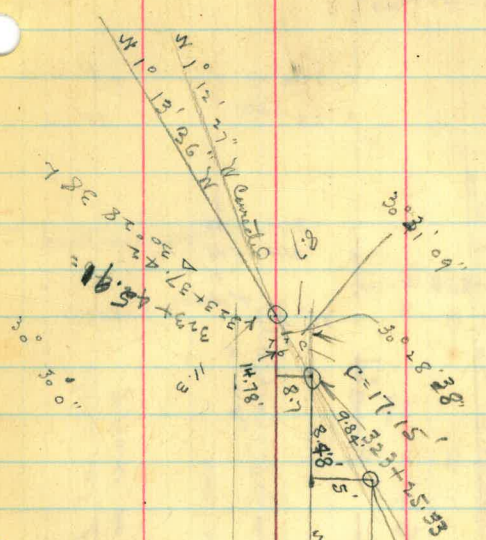
$$\begin{array}{r} 294 + 59.52 \\ 287.22 + 40 \\ \hline 294 + 65.02 \\ 6.51 \\ \hline 21.28 \end{array}$$

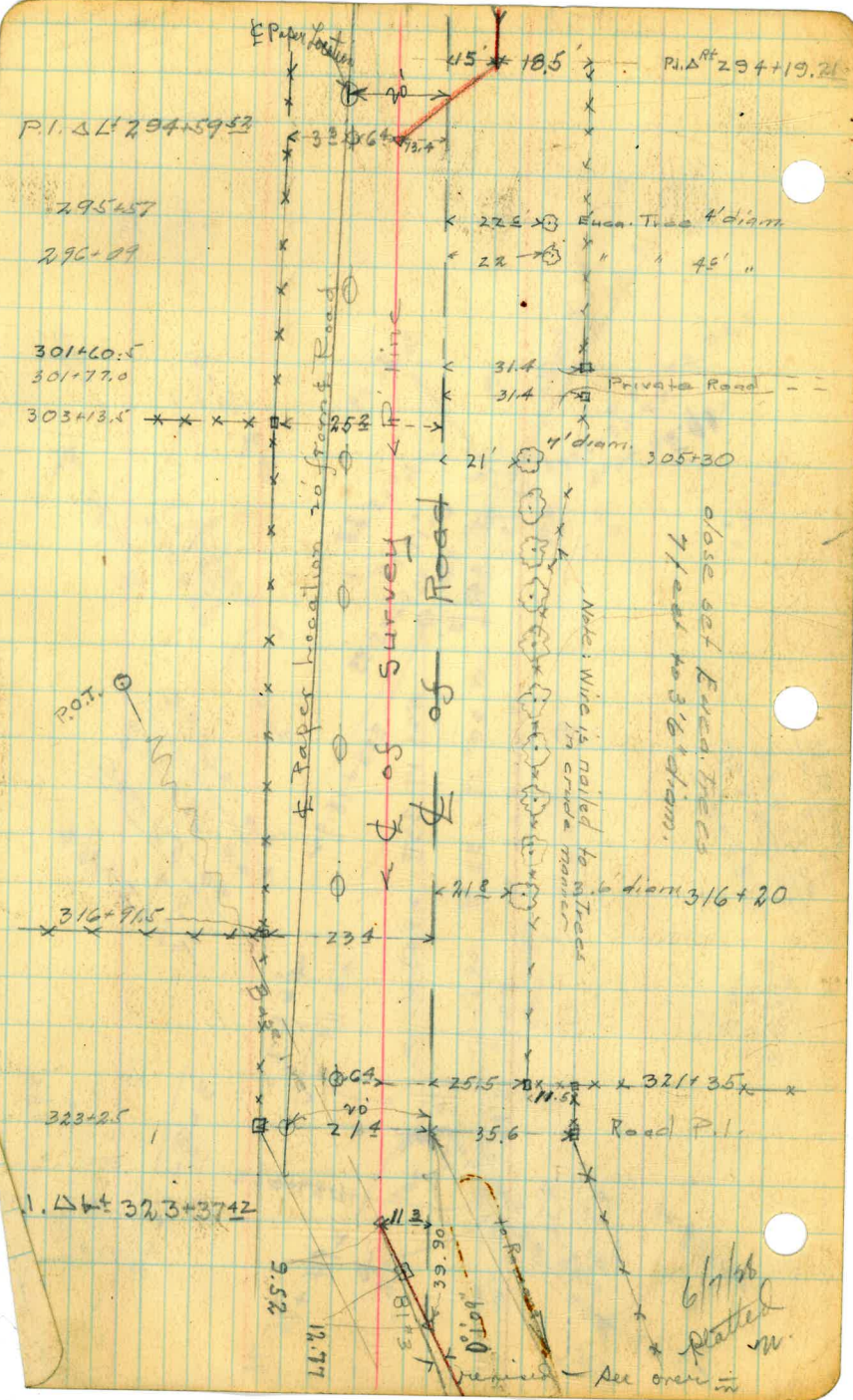
$$\begin{array}{r} 44.59 \\ 1.31 \\ \hline 45.90 \end{array}$$

$$\begin{array}{r} 294 + 68.71 \\ 294 + 75.78 \end{array}$$

$$\begin{array}{r} 294 + 59.52 \\ 12.61 + 7.62 \end{array}$$

F. P. ...
 287.15
 284.31
 285.62
 15' 10"





FB 245 19a

JAN. 10, 1928

Simpson

Brooks

Clavett.

Line change starting from
P.I. Sta 490 + 24⁹⁷ "P" Line AND
continuing southerly and
parallel, 15° East of \perp
County Road

THIS IS KNOWN AS "P" LINE

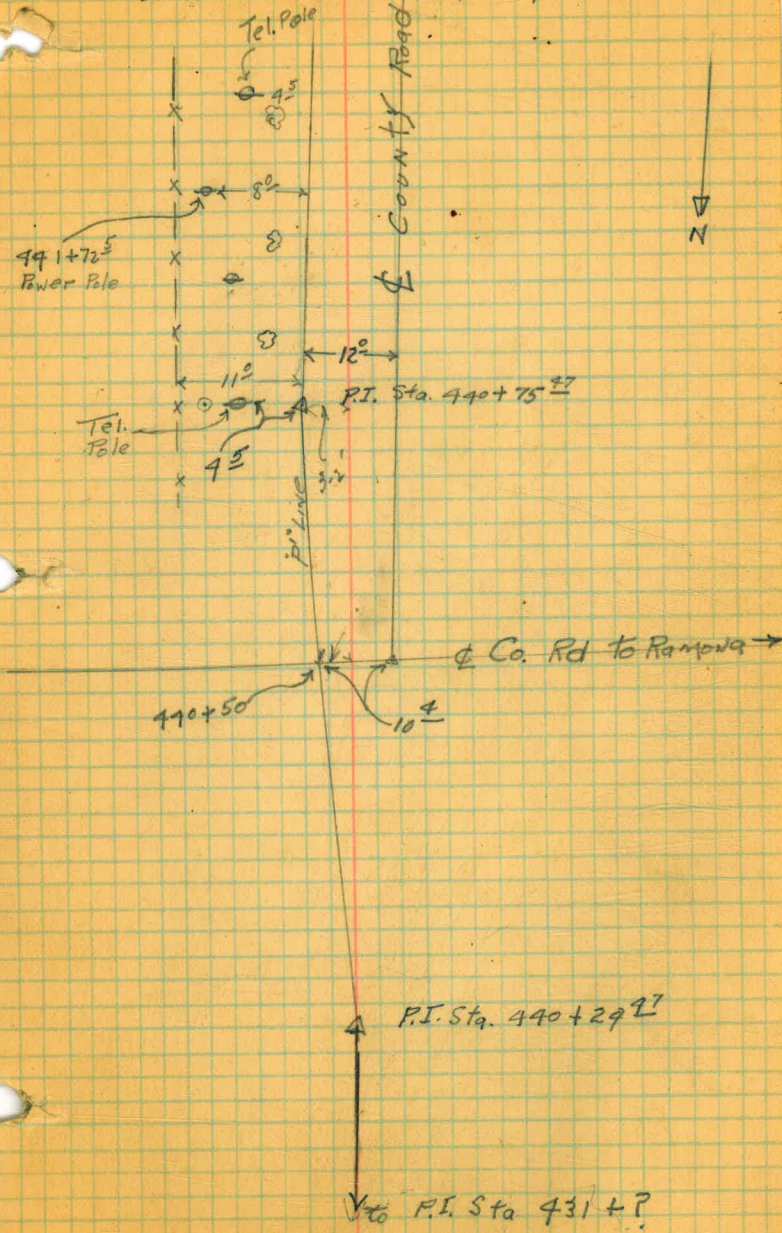
Sta.	Rt.	Lf	Mag. Bear.	Calc. Bear.
------	-----	----	------------	-------------

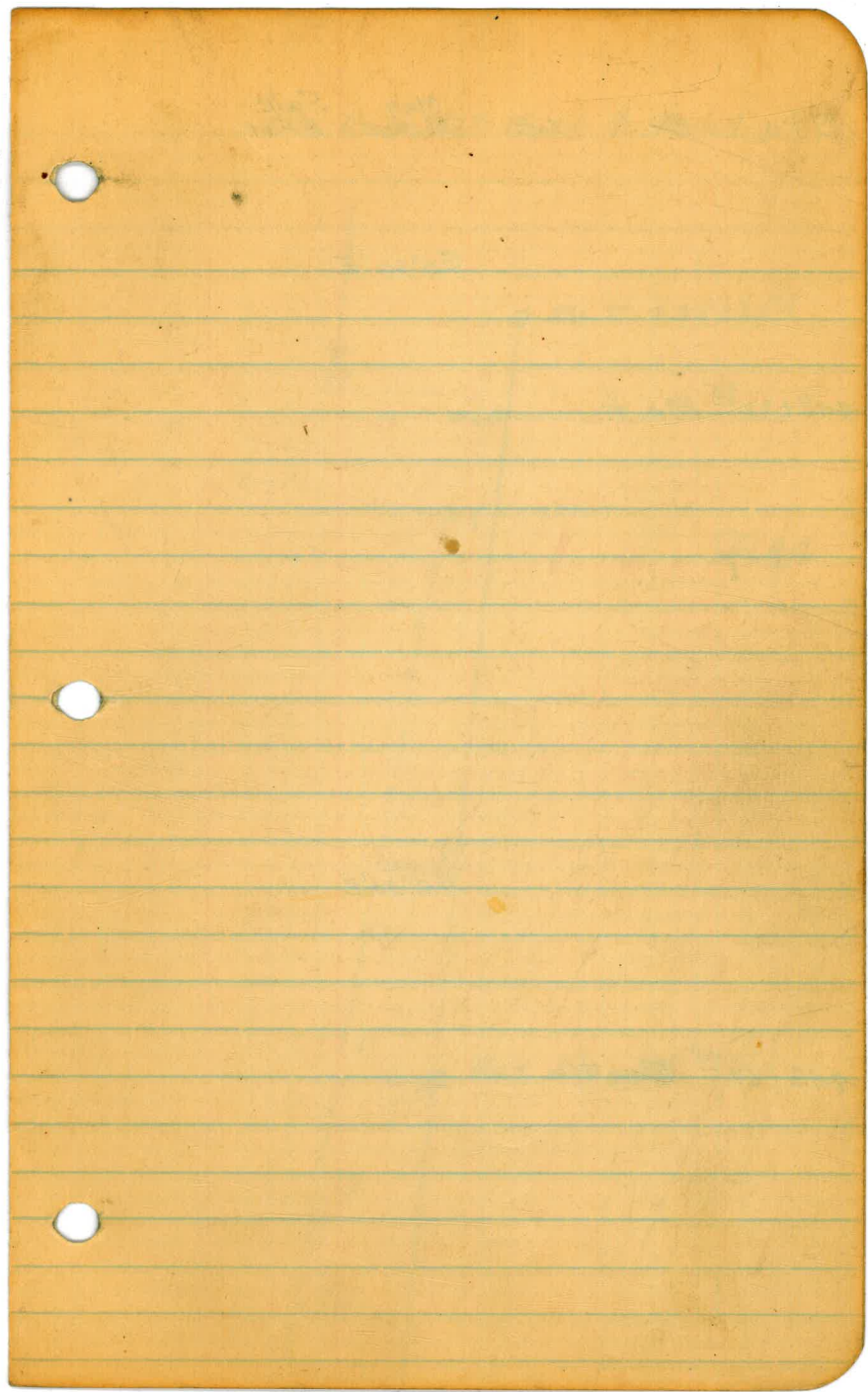
50°30' E

440+75⁹⁷ P.I. 3°32'27" Rt.

440+29⁹⁷ P.I. 3°35'41"

1/2" P.I. Line 120' East of E Road





Sta	Rt.	Lt.	Mag. Bear.	Calc. Bear.
-----	-----	-----	------------	-------------

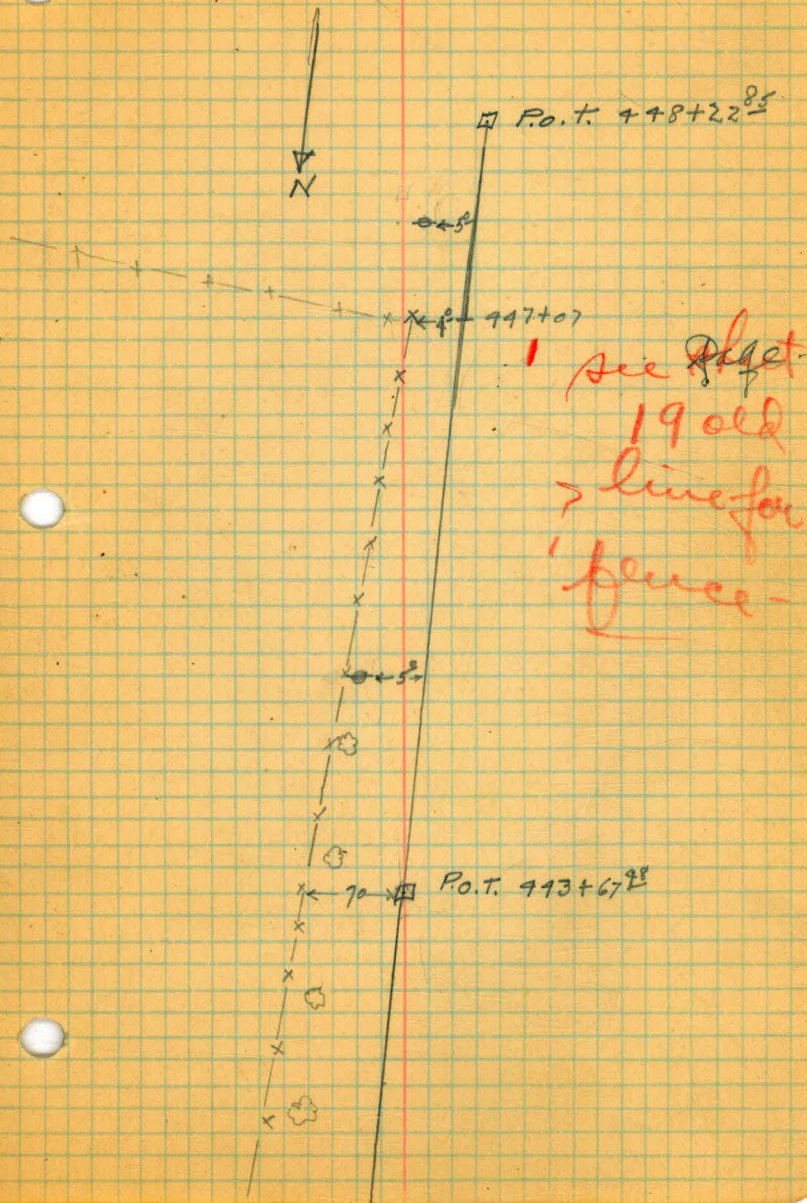
"P" Line 12° East of Road

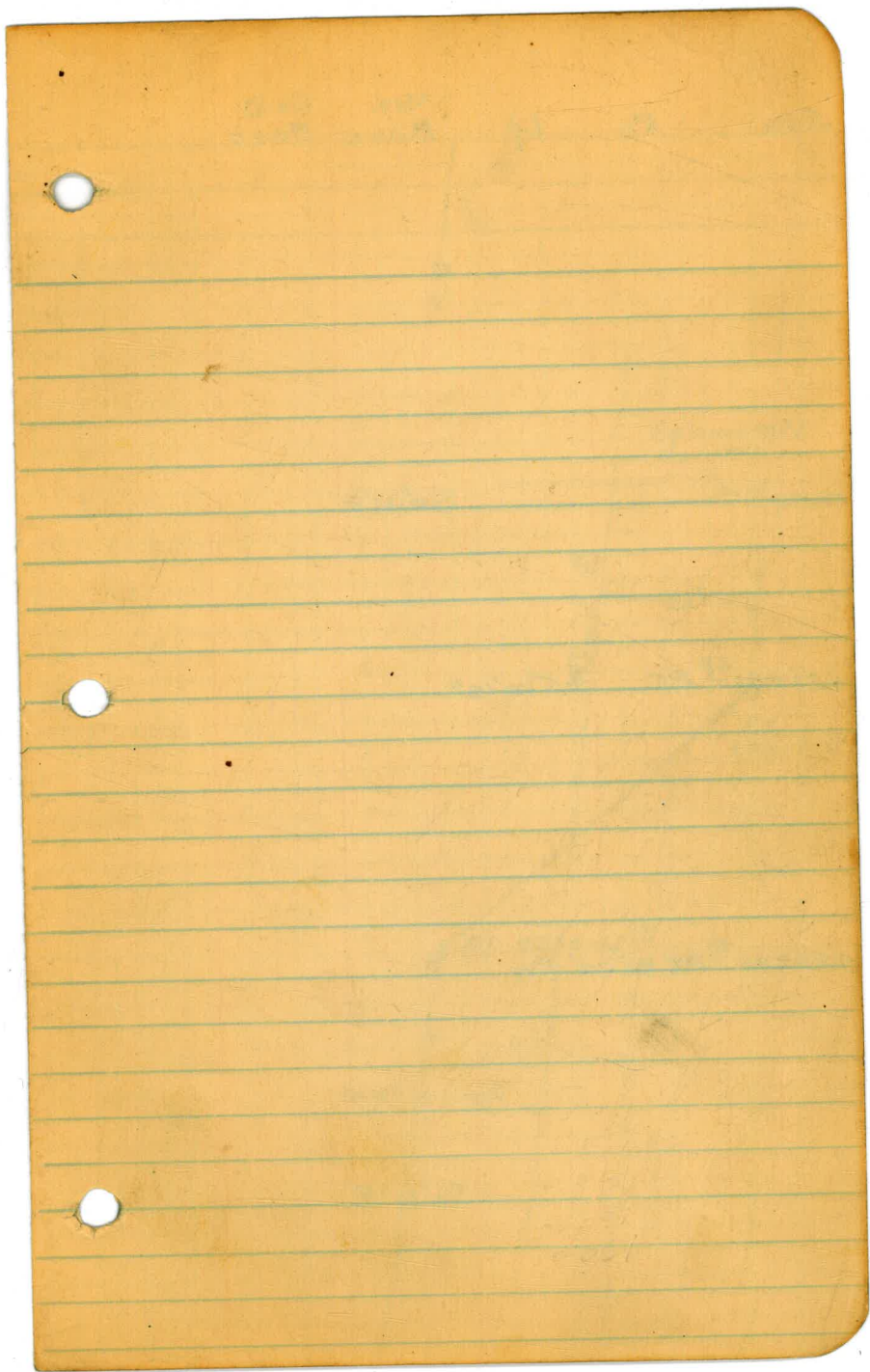
S0°30'E

448+22⁸⁵ P.o.t.

S0°30'E

443+67²⁸ P.o.t.





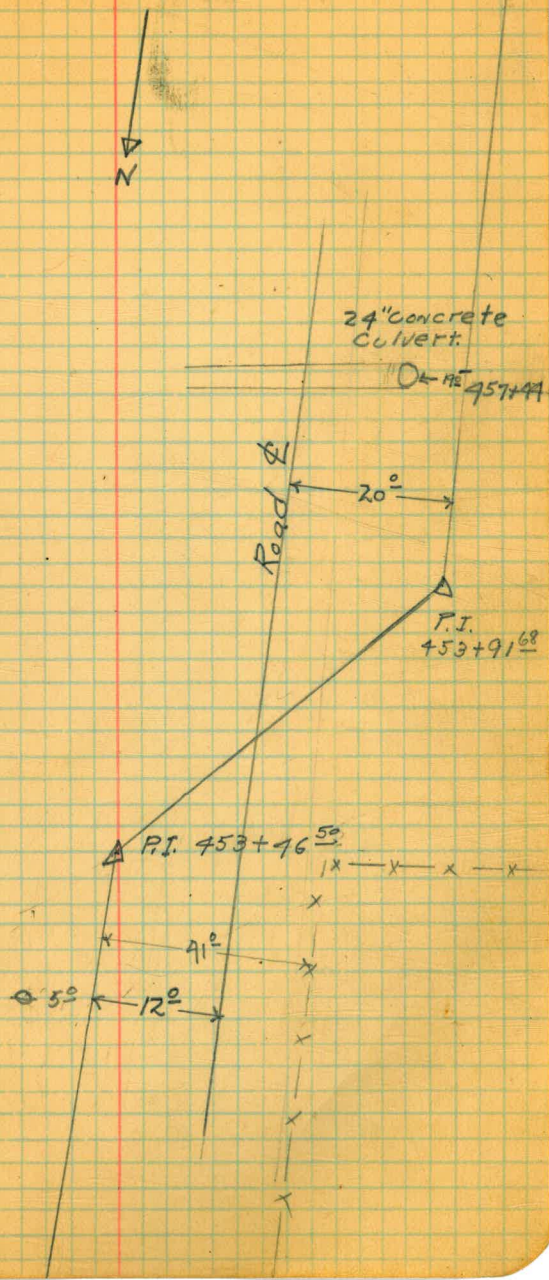
Sta.	Rt.	Lt.	Mag. Bear.	Calc. Bear.
------	-----	-----	------------	-------------

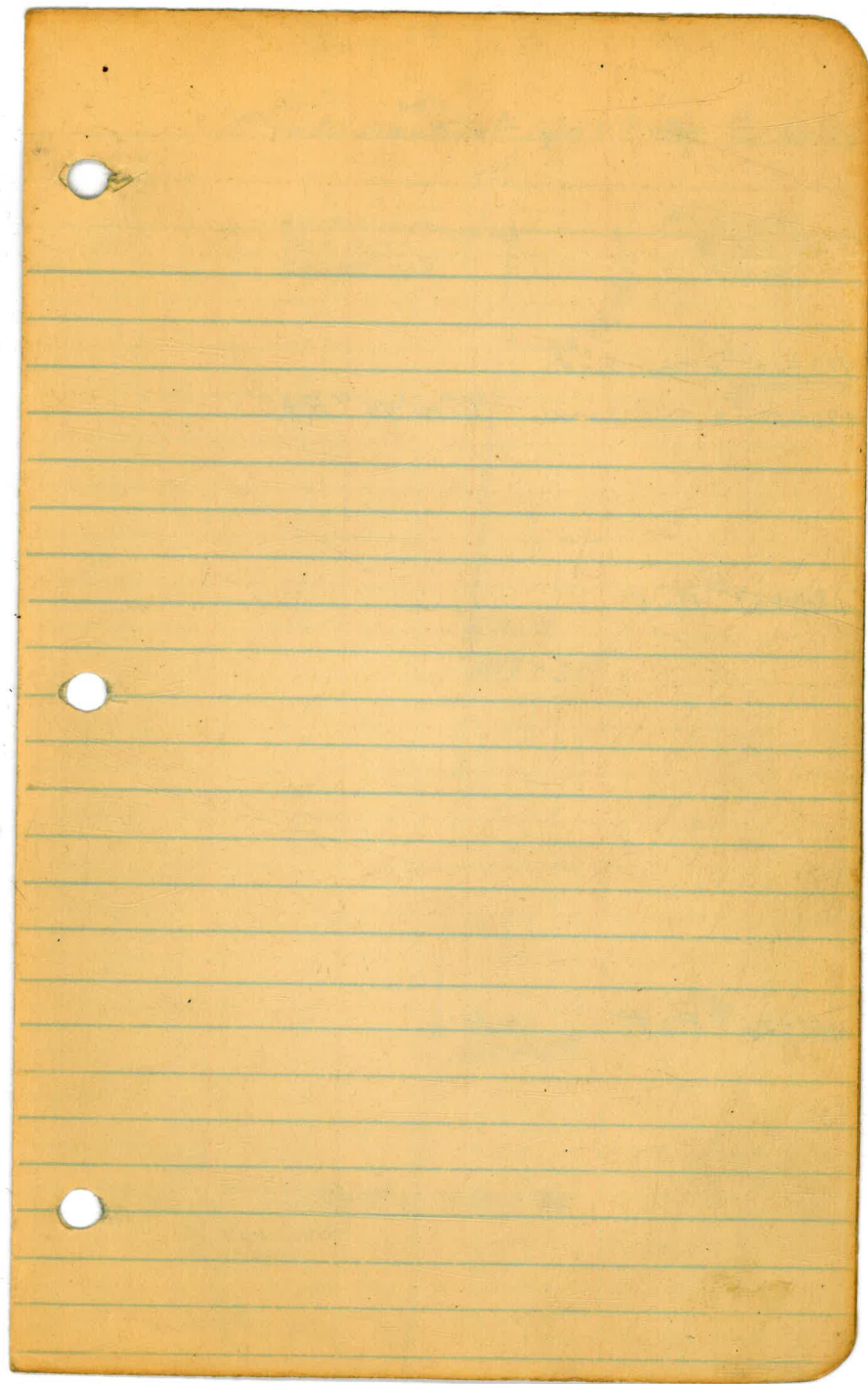
S0°35'E

453+91⁶⁸ P.I. 45°00'10"

453+46⁵⁰ P.I. 45°00' R+

S0°30'E





Sta.	Rt.	Lt.	Mag. Beat	Calc. Beat
------	-----	-----	-----------	------------

$493 + 62^{\frac{23}{2}} = \text{Sta. Back}$

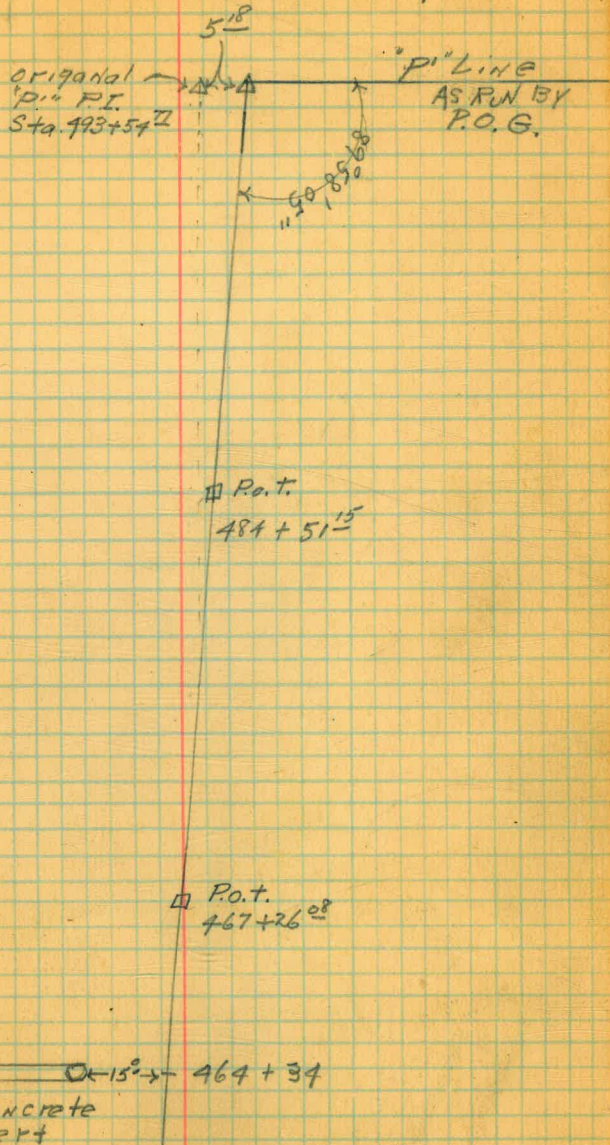
$493 + 57^{\frac{95}{2}} = \text{Sta. Ahead}$ $90^{\circ} 01' 55'' \text{ Rt.}$

$484 + 51^{\frac{15}{2}} \text{ P.O.T.}$

$467 + 26^{\frac{28}{2}} \text{ P.O.T.}$

See page 25

"P1" Line 20° West of E Road



15° $464 + 34$
12" Concrete Culvert

pg 5a

Dec. 7, 1927

Simpson - π

Bailey - chain

Good body chain

Line change, starting from
P.I. Sta. 202+67⁹², "P" Line, and
intersecting "P" Line again at
Sta 214+07⁰⁷. This line change
is known as "P" Line.

S.P.V. Conduit

Sta.	Rt.	Lt.	Cg/C Beat.	Mag. Beat.

Final Location

$\Delta = 157^{\circ}30'$ "P" P.I. Sta. \triangleleft 214+00⁴¹ "P" Line
 214+07²⁷ 214+07⁰¹ "P" Line

S16⁴⁰'W.

209+28⁶⁷ P.I. 632'5"

"P" P.I. Sta. \triangleleft
 208+69⁶
 $\Delta = 17^{\circ}12'$ R.T.V

P.I. 209+25⁶⁷
 P.I. Line
 $\Delta = 632'55"$ R.T.V

40' to 54' 14" RANG

207+00

S9⁰'W.

202+67⁹¹

to MESA GRANDE
 to MESA GRANDE
 40'
 P.I. Line

\triangleleft P.I. 202+67⁹¹
 P.I. Line

$\Delta = 21^{\circ}54'45"$ $\Delta = 21^{\circ}55'30"$ Lt.

FB245

JAN. 6, 1928

SIMPSON

BROOKS

CLAVERT

Relocation of "P" Line
Starting from Sta. 226+21⁸⁷
And Keeping parallel and
15° East of $\frac{1}{2}$ of County Road.

THIS LINE IS JUST 15° FROM
 $\frac{1}{2}$ OF COUNTY RD. UNTIL
OTHERWISE NOTED.

THIS LINE IS KNOWN AS "P" LINE.

Sta. R. L. K. Mag. Bear. Calc. Bear.

50°38'42" W

228+98⁵⁵ P.I.

3°36'±5" 71

3°36'30" 7°12'20"

S5°10' W S4°14'57" W

226+28⁶³ P.I.

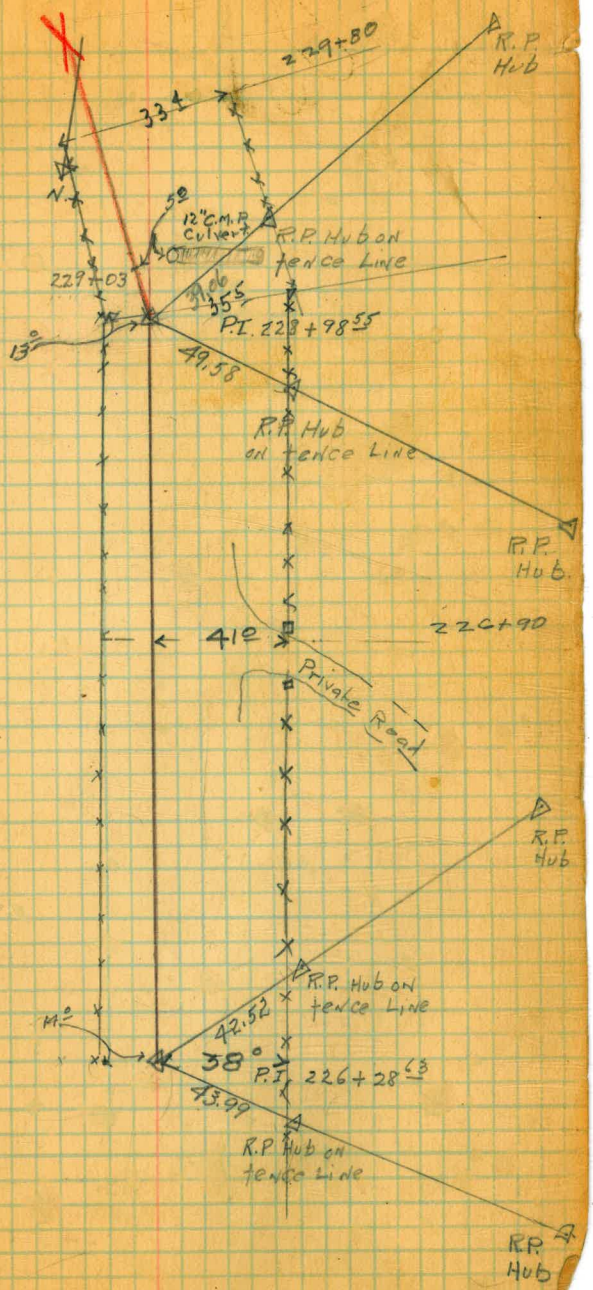
30°17'±5" ↓

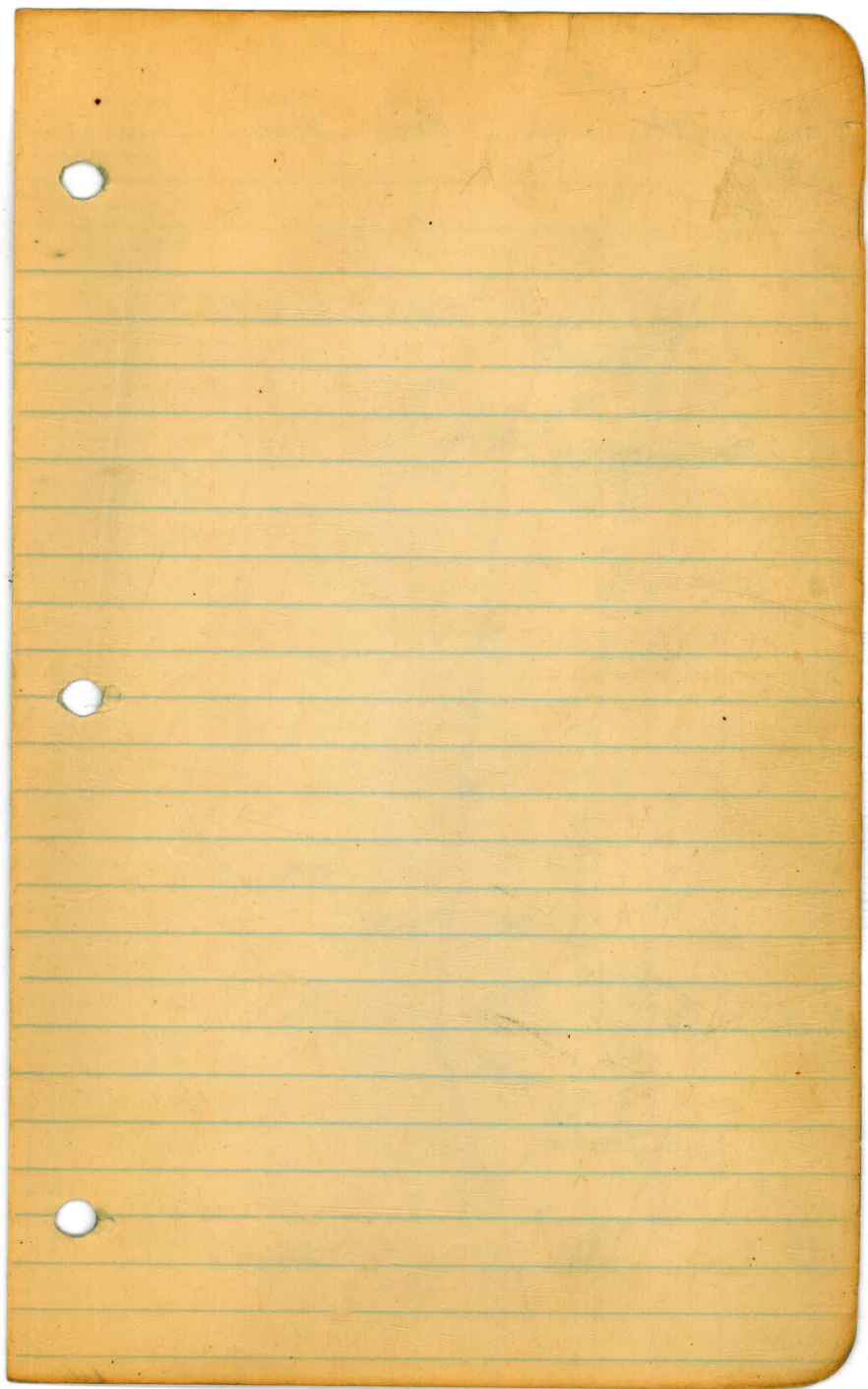
30°17'50" 60°35'20"

This is Bear Between → S34°32'42" W

214+07⁶³ And 226+28⁶³ 34 31 49

50 ↓





Sta.	Rt.	Lt.	Mag. Bear.	Calc. Bear.
------	-----	-----	------------	-------------

S14°20'W S14°31'32"W

233+95⁷⁵ P.I. 5°06'35"
07'05"

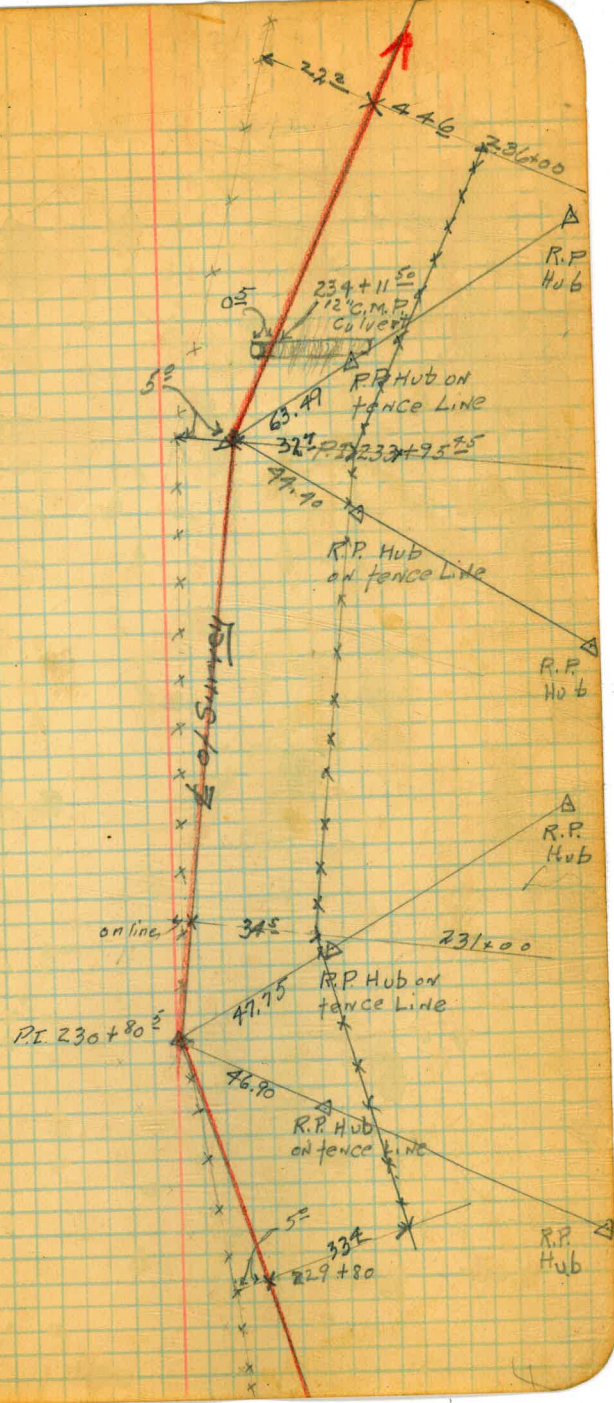
5°06'35"
10°13'56"

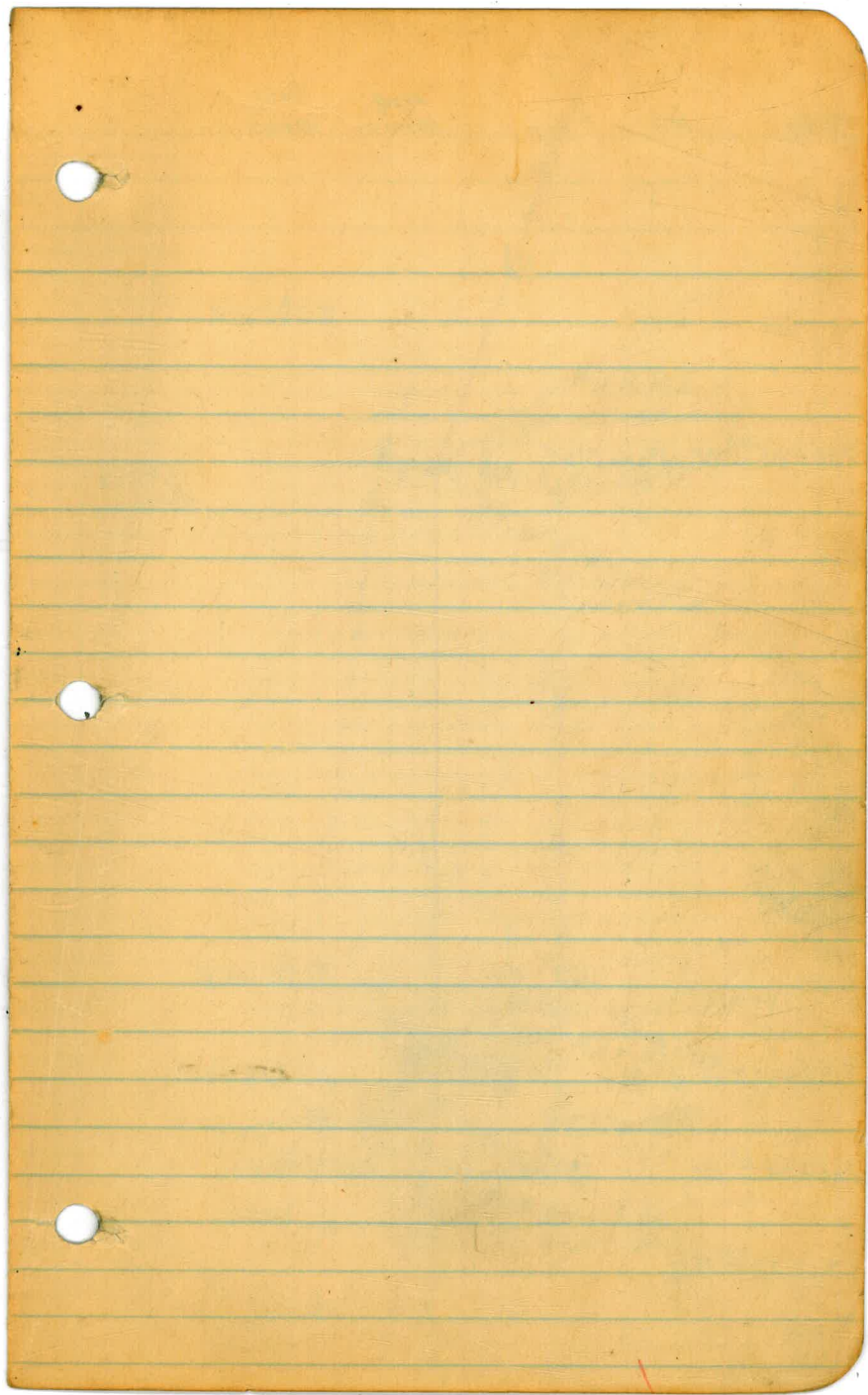
S9°24'57"W

230+80⁵ P.I. 8°46'±"
05"

8°46"
17°32'40"

S0°38'42"W





Sta. Rt. Lt. Mag. Calc. Bear. Bear.

S 6° 26' 43" E

238+85⁹³ P.I. 16° 44' 05" V

16° 43' 50"
33° 28' 10"

158.58'

237+27³⁵ E.C. *cannot determine no equality*

S 23° 10' 48" E

Δ = 37° 2' 40"

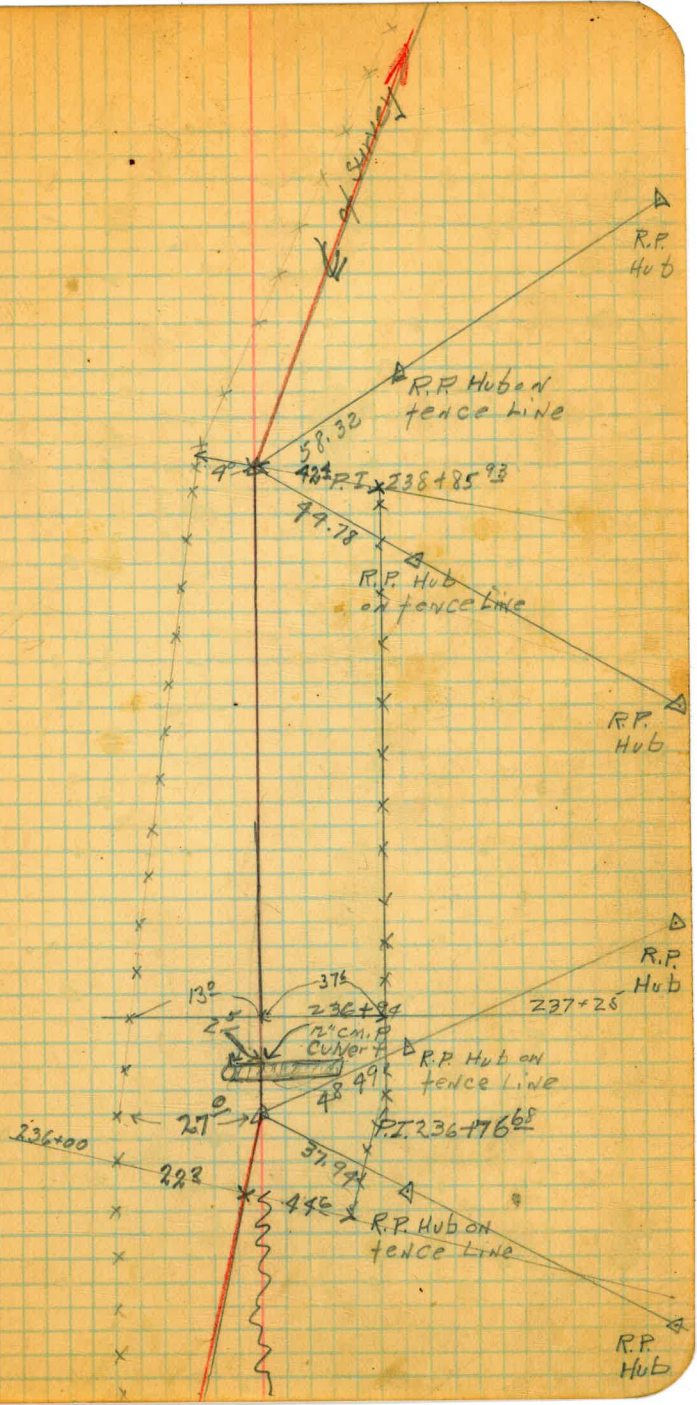
R = 160
T = 54.64
L = 105.31

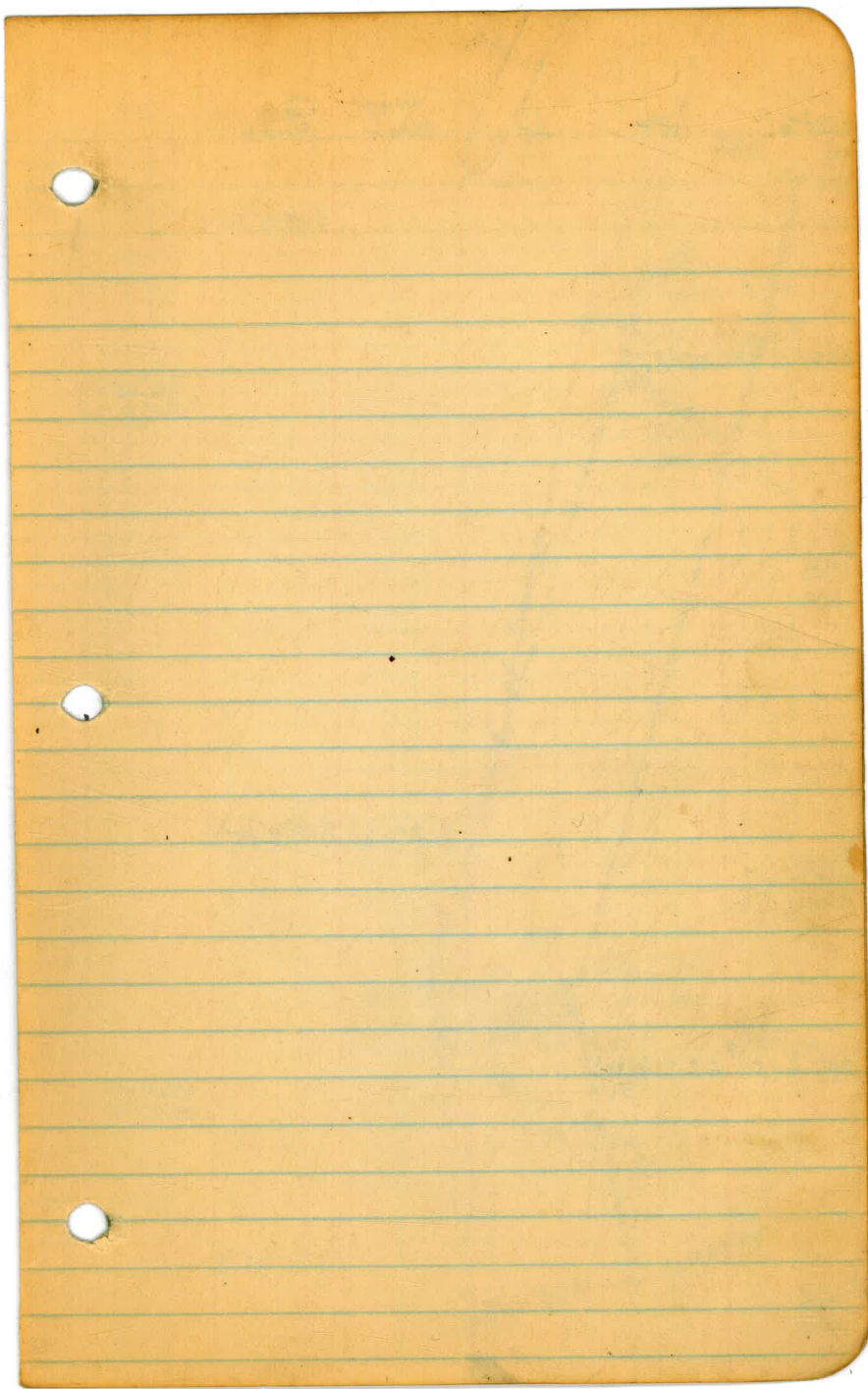
236+76⁶⁸ P.I.

37° 42' 42"
18° 26'
13° 58'
9° 29'
5° 01'
0° 32'

236+22⁰² B.C.

S 14° 31' 52" W





Sta. Rt. Lt. Mag. Beat Calc. Beat

S 93° 56' 54" W

245+12⁸¹ P.I. 26° 37' 10"

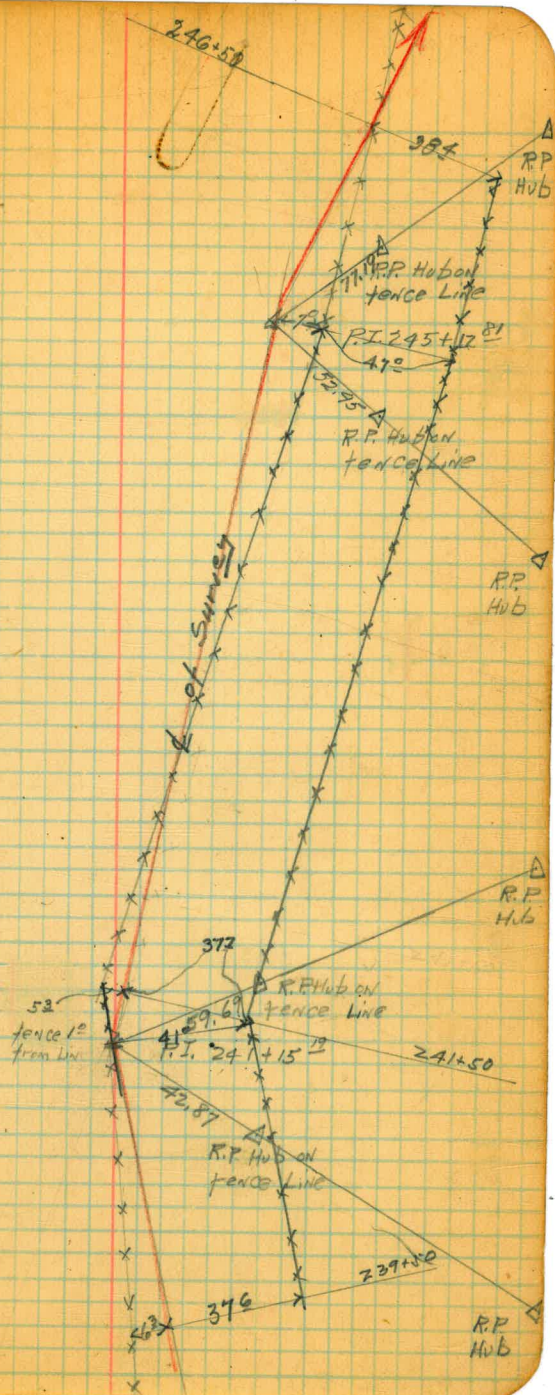
26° 36' 50"
53° 7' 10"

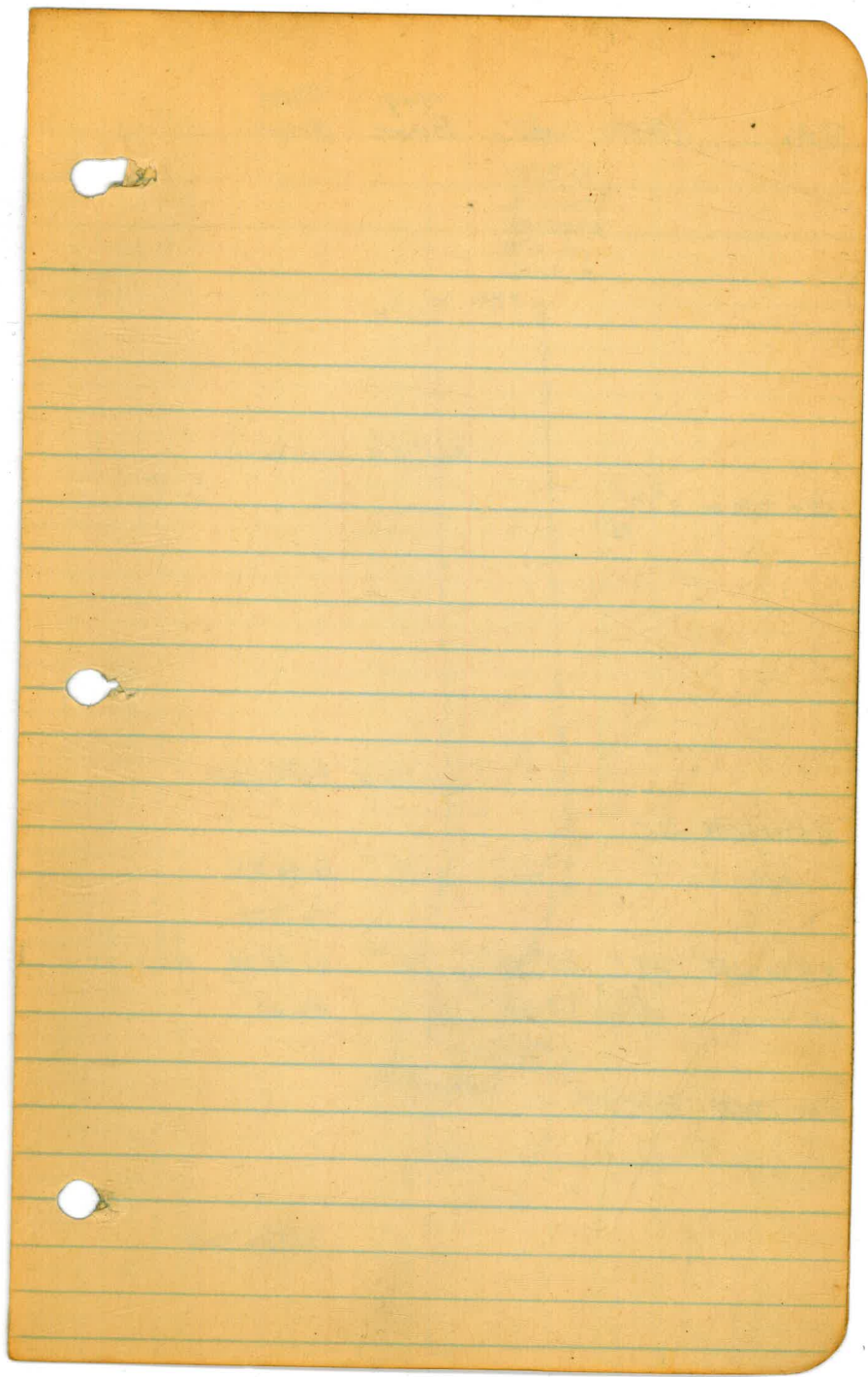
S 18° 16' W S 17° 19' 57" W

241+15¹⁹ P.I. 23° 46' 54" 25"

23° 46' 30"
47° 33' 15"

S 62° 26' 43" E





Sta Rt. Lt. Mag Beat. Calc. Beat.

Jan 7 1928

P.O.G.
Elliott
Brooks
Bailey
Heckie

501°15'W 500-36-54W

252+7720 P.I. 3°17'
15"

3-17
4-30

501°45'E 502°40'-06'E

250+6686 E.C.

$\Delta = 46^{\circ}37'$

46°31'39"

T=17.23

250+5155 P.I. 46°37'

L=32.54 33-14
46-37

25+50

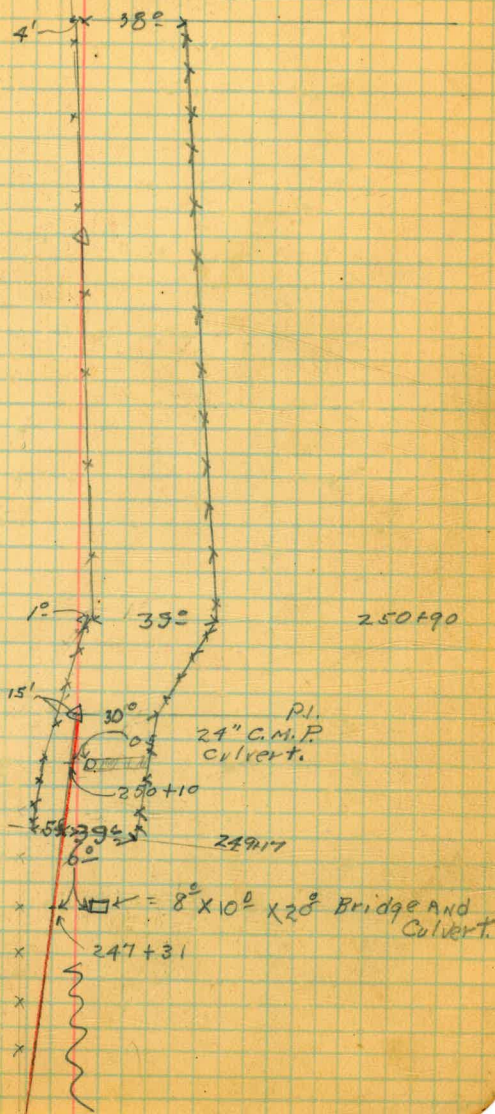
11°138'

R=40

96°35'05" W.H.S.

250+3432 B.C.

543°56'54W



JAN. 12, 1928

Simpson

Brooks

Clavert

Reference points of P.I.'s on
"PI" Line

F.I. Sta.
250 + 51.55

A-44.15

A-73.33

R.P. Hub
on fence
LINE

A
RP
Hub

A
R.P.
Hub

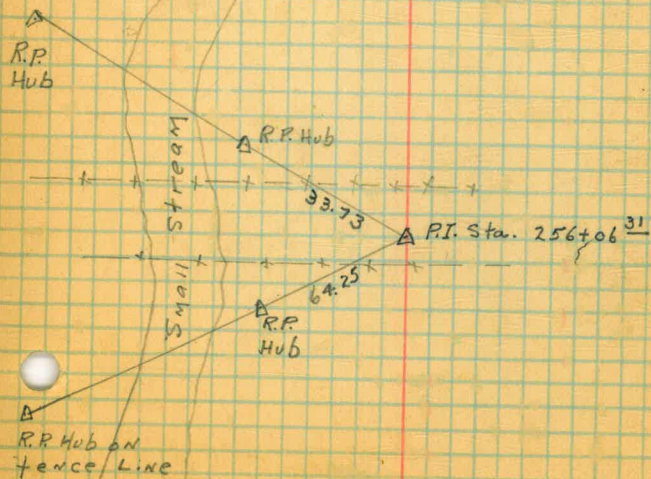
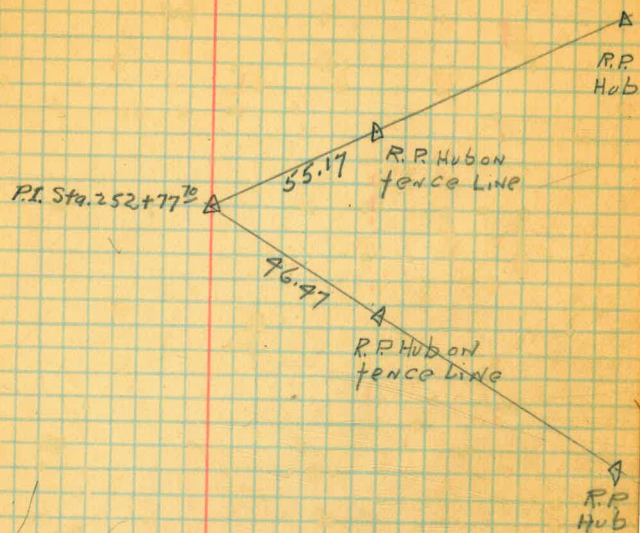
JAN. 12, 1928

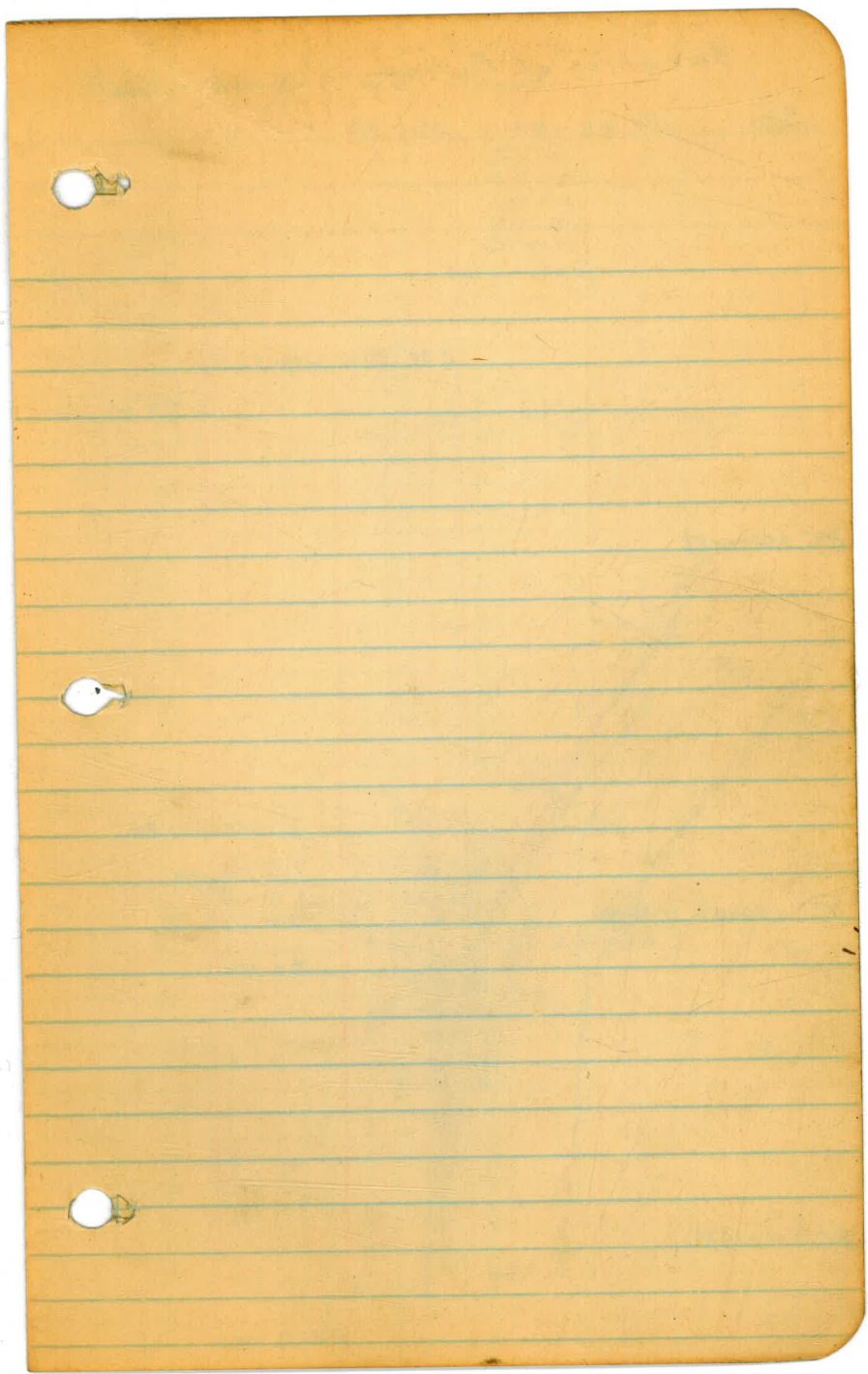
Simpson

Brooks

Clayton

Reference points of P.I.S. on
'P' Line





Location of P' line in County Road = 15' East of \oint 60' Road

Sta P.L. Lt. Mag Br Calc Br

1-9-28
P.O.G.
Elliott
Leckie
Bailey
Brooks
Very Windy

S73°30'W S73°21'24"W

2.61+72.5

14" $\frac{C}{M}$ Culvert

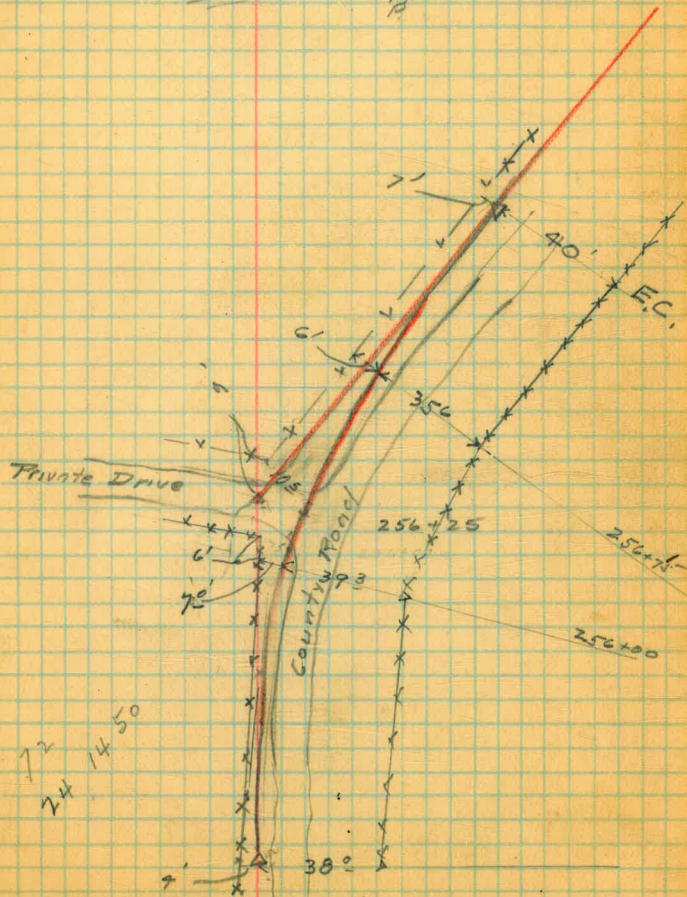
EC.257+05.99

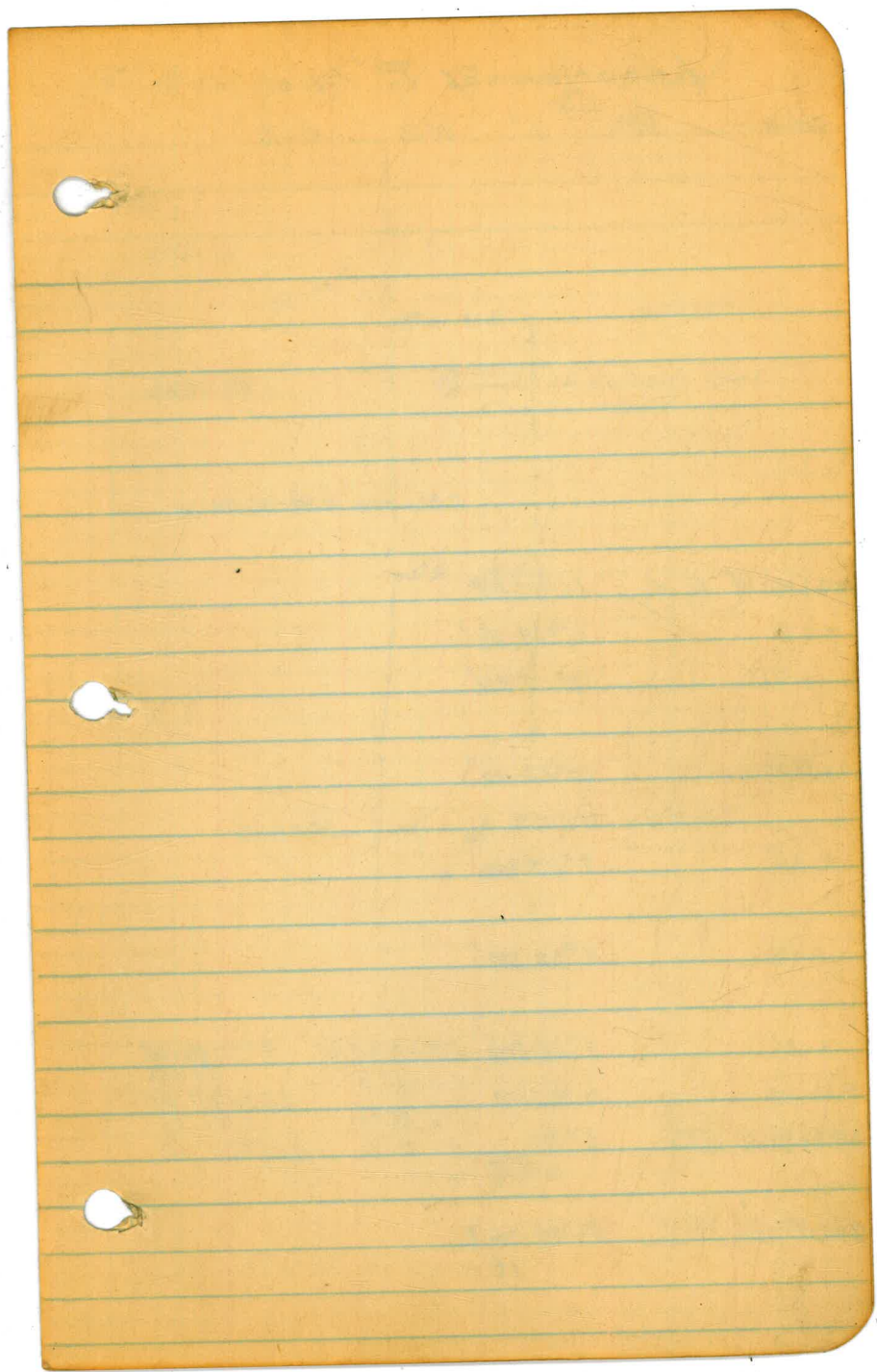
0°-52'	D = 72-44-30
4°-43'	T = 136.99
8°-34'	A = 236.12
12°-25'	R = 186'
16°-16'	
20°-07'	
23°-58'	
27°-49'	
31°-40'	
35°-31'	
36°-22'-15"	

P.L. 256+06.31 72-44-30
258

EC.254+69.32

S00-36-59W





Location of P' line
 5+9 R+ L+ M.B. C.B.

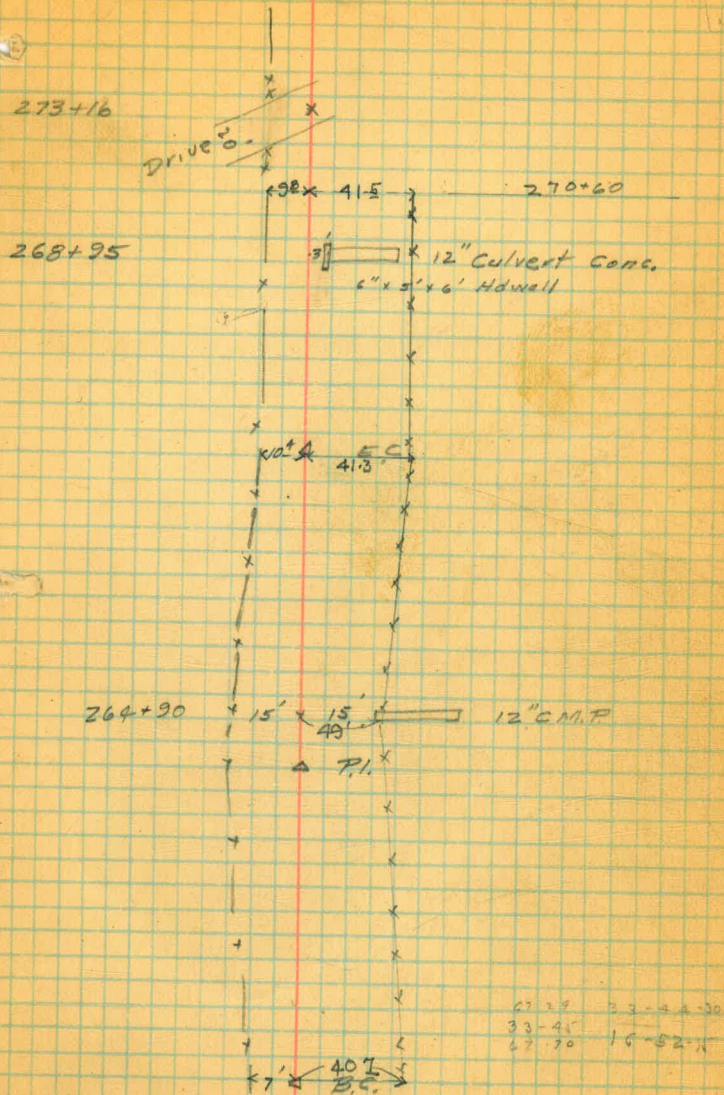
590-30W 539-36-54 W

265+63.68 E.C.	16°52.18'
+50	15°29.06'
+25	12°58.916'
265+00	10°28.146'
+75	7°57.362'
+50	5°26.589'

+25	2°58.806'	$D=33.4430$	264+82.28
264+00	0°26.028'	$R=285.2$	86.13
263+95.85 BC	0°00'	$ST=86.93$	263+95.85
		$LA=167.23$	167.23
			265+83.68

264+82.28 P.I. 33°44.38' L.
 15'

15' East of $\frac{1}{2}$ of County Road



27.28 33-44-30
 33-45
 27.70 16-52-11

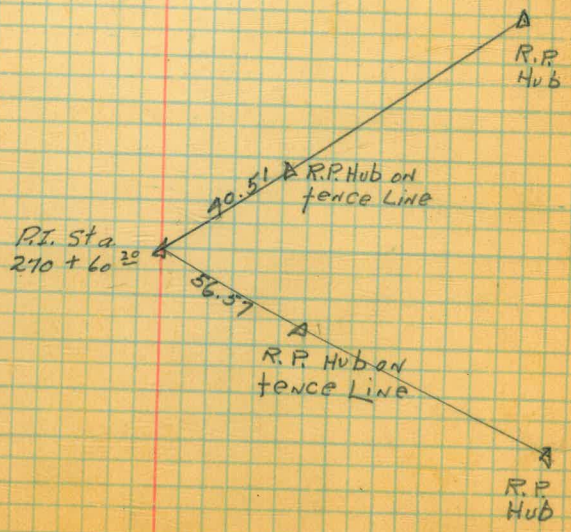
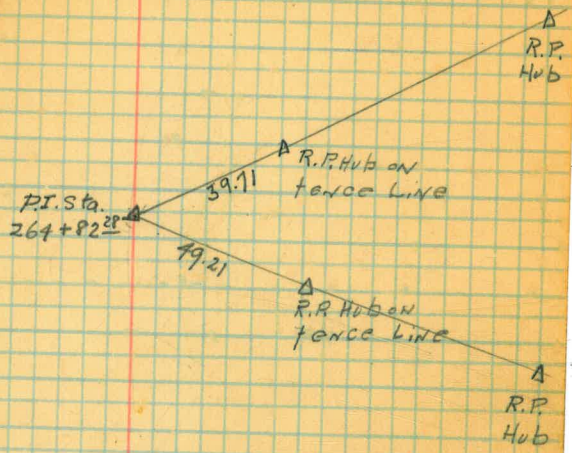
JAN. 12, 1928

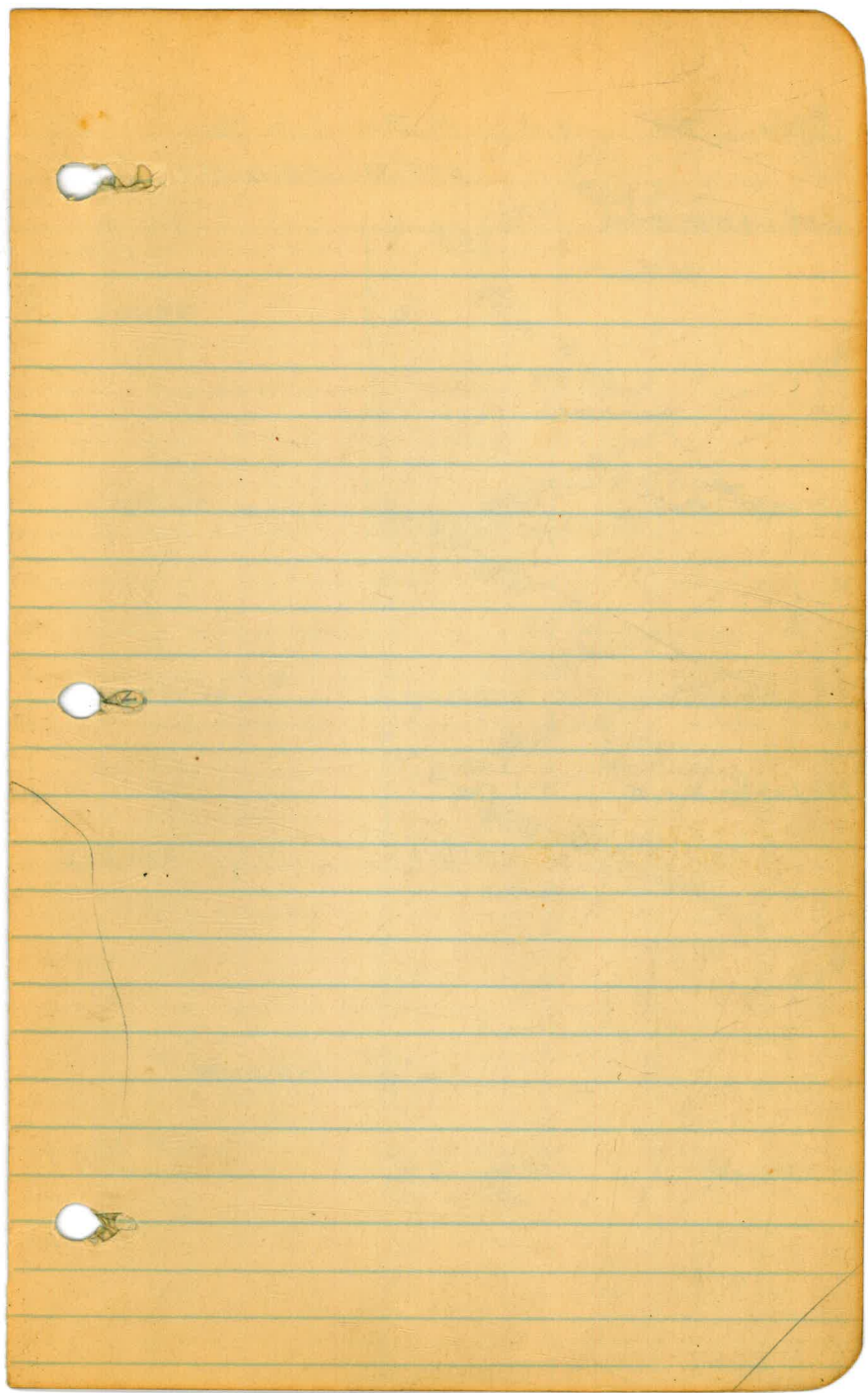
Simpson

Brooks

Clavert

Reference points of P.I.'S ON
"P" LINE





Sta R.R. Lit M. Br Calc Br

574-30W374-12-29W

294+19² P.O.T. 45°00'

49°59'55"

90°00'
45°00'

291+53¹ P.O.T.

280+13⁶¹ P.O.T.

P.I. 270+603°

1024'30"
95°

20-49
10-24+

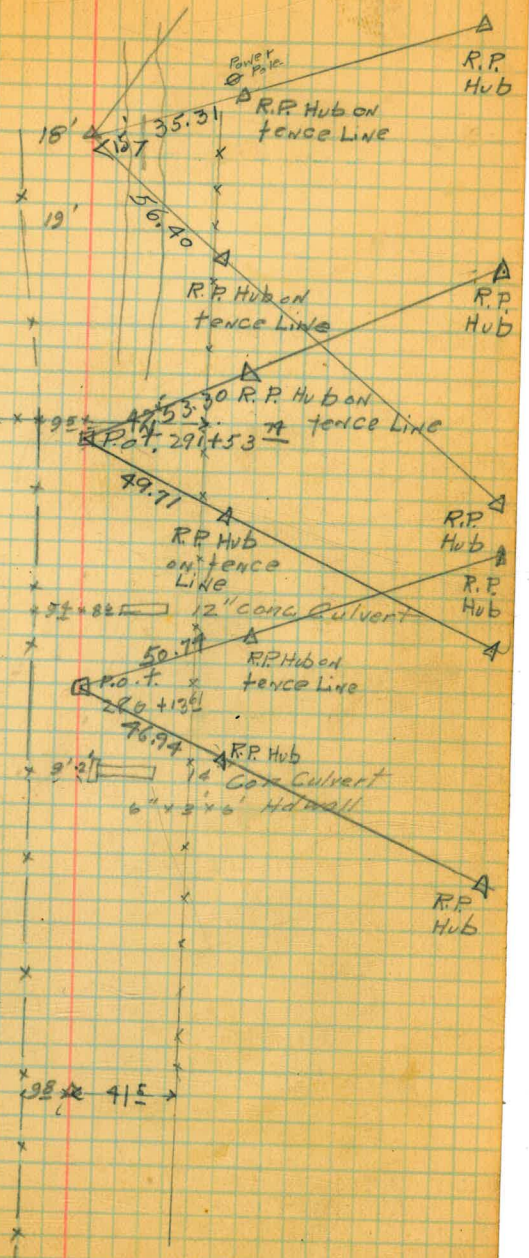
530°00'W 529-12-29W

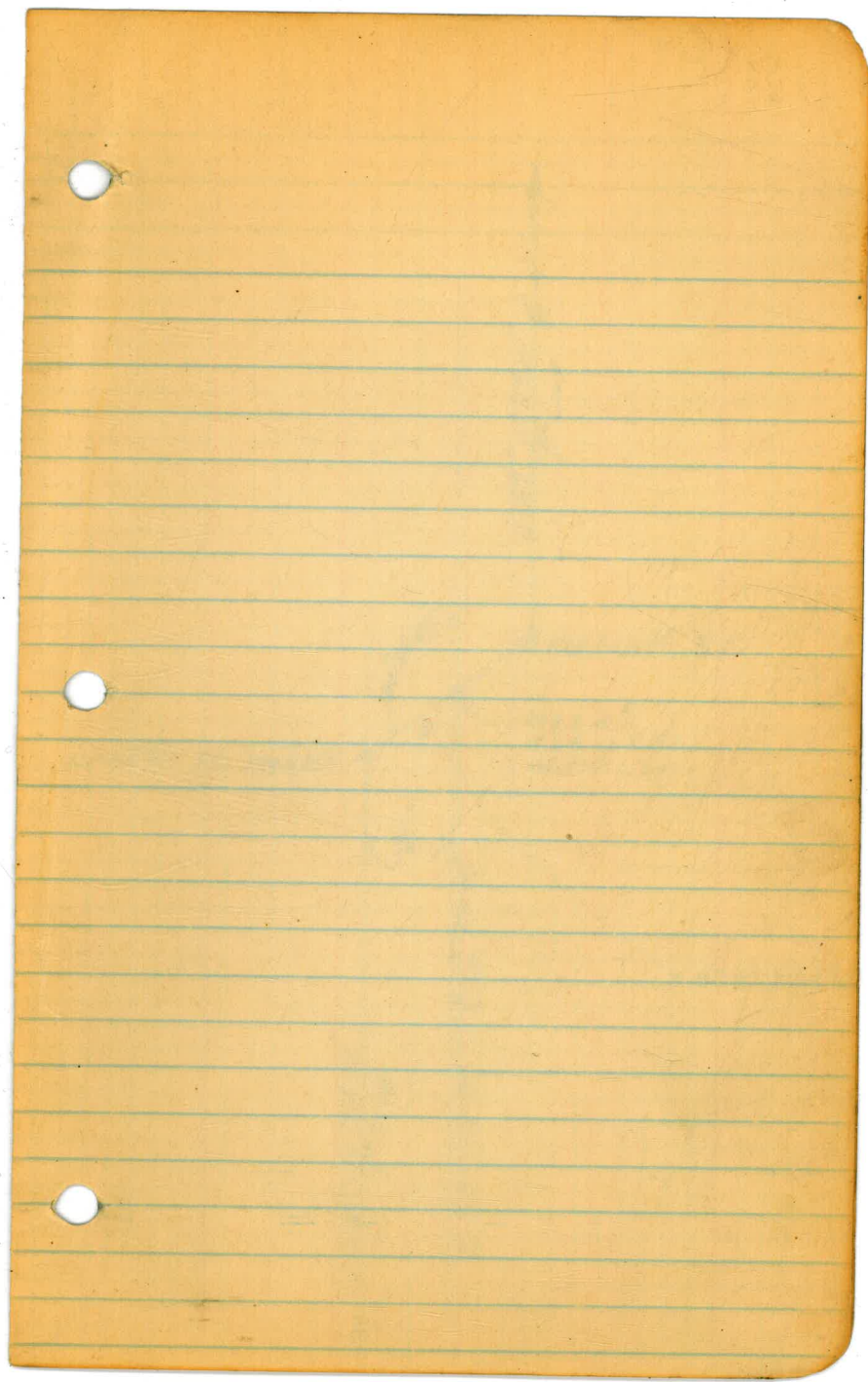
291+50

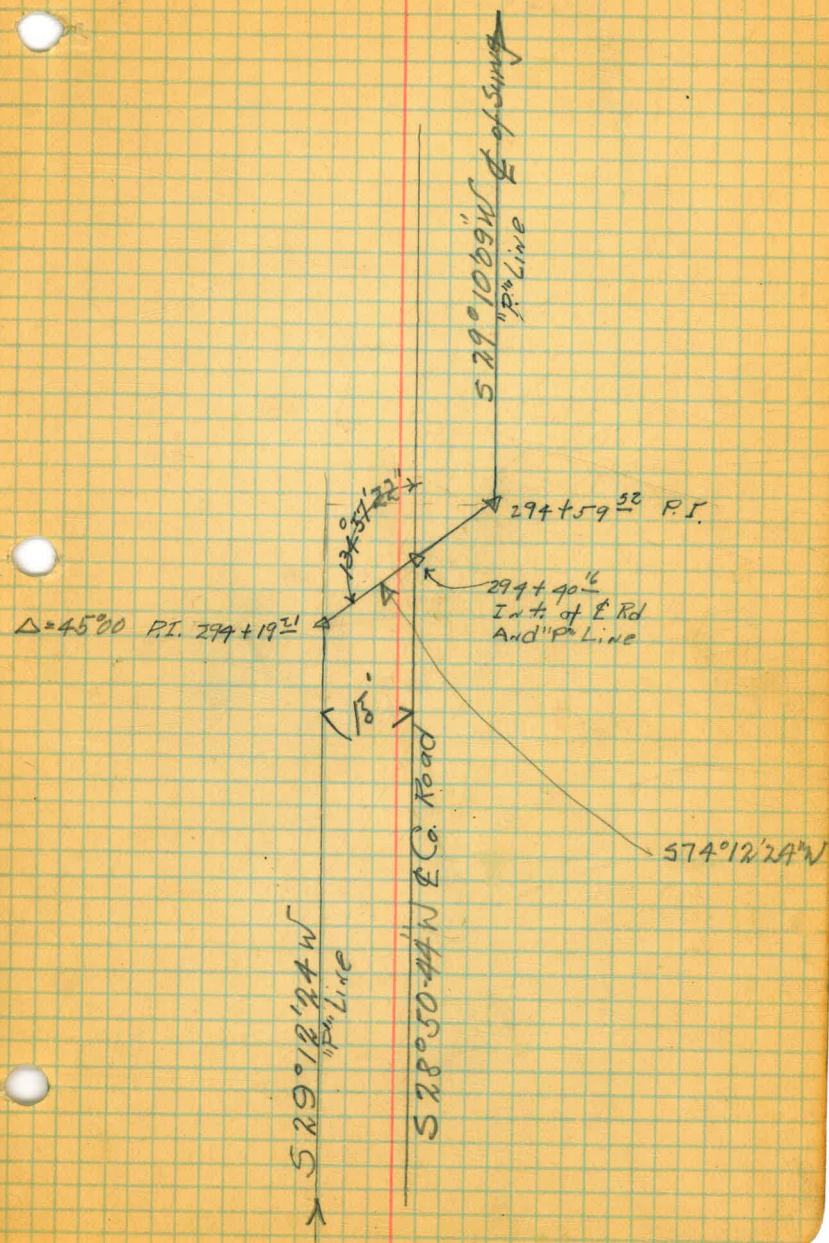
288+06

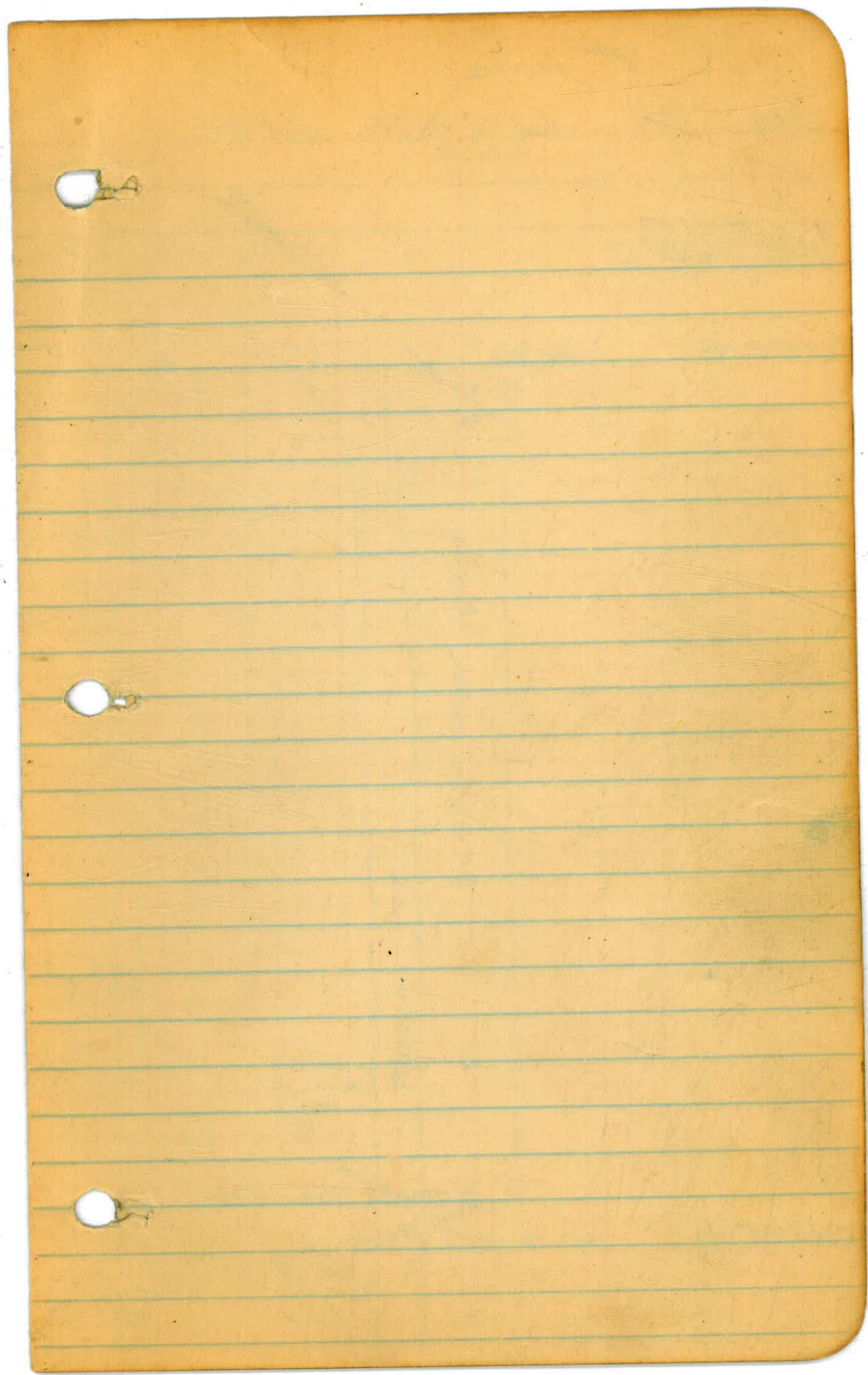
277+44

275+63









P' Line

Sta R.L. Lt M Br Calc Br

1-9-20
Windy

$$\frac{323+83 \text{ P}}{323+958 \text{ R}} =$$

323+3792

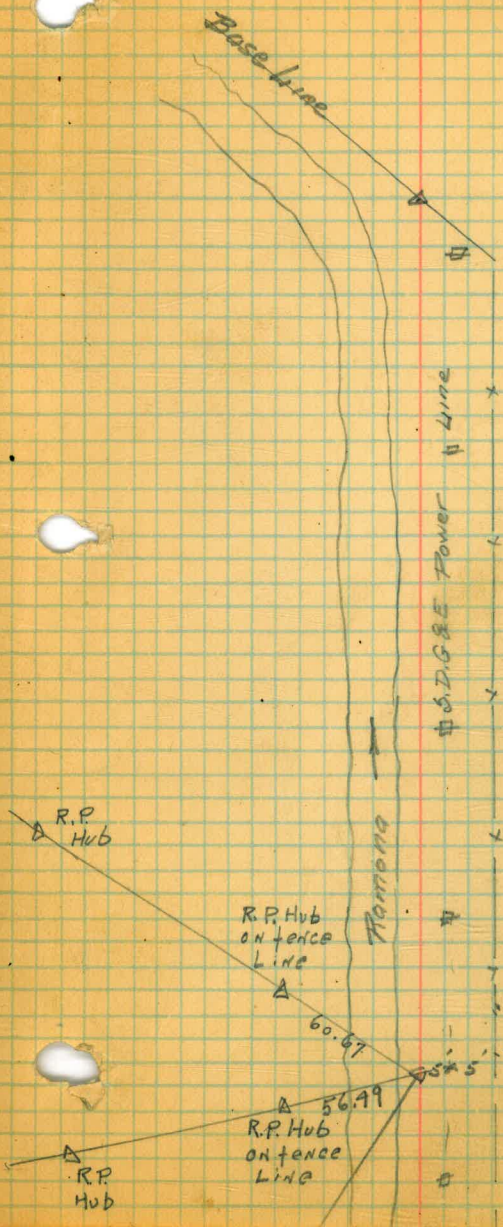
30° 29'
28' 38"

60-58
30-29

294+595 P.I.

529-30W 529-10-09W
45-02-15 W.H.S.

30-09-30
45-02-4



"P" line from South Portal of

Sta.

L + Δ

R +

Mag. Bear Calc. Bear

185+71 ^{at}
187+56 ^{at} H'

27°03'30"

54-07
27-03

Not used

See page 4

512°30'W 513-38 W

178+00 6°37'

13-14
6-37-20

174+50 0

520-15W 520°15'W

172+97 ^{at} 12°30'

25-00
18-50

532-45 W

Tunnel going South

Nov. 16-27

P.O.G.
Elliott
Bailey
Brooks

27-03-1/2

517-1100

Sta. P 185+71 ^{at}
= H' 187+56 ^{at}

39°22'

H' line

184+08

Main Creek
Running Water

181+38

slope dist.
184+88
83.04
185+71.04

D = 85.93 cos
V = 15°24' = 26.41

85.93
34.372
51.558
75.937
83.045113

H' line

Sta. H' 173+02 ^{at}
= H' 172+97 ^{at} 62
= P 172+97 ^{at} 62

H' line 512-45 W
Mag. Bearing

P line



Sta L+ R+ May. Bears Gate. Bears

220+04.41
486+59.86

9° 17 1/2 53° 30 W S 3° 38 W ¹⁸⁻³⁵₉₋₁₇

209+50

⊙

208+12.38

⊙

207+69.64 16° 47

55° 45 E S 5-39 1/2 ³³⁻³⁷₁₆₋₄₇

203+08.12

5° 22 1/2

510-45 W 511-07 1/2 W ¹⁰⁻⁴⁵₅₋₂₃

55° 45 W

201+76.27

⊙ south edge of Pond

200+05.50 16° 57
208+91.39

³⁻⁵⁴₁₅₋₅₆

See page 4

Not used

207+69.64
42.74
208+12.38

V = 17° 08 = 96562
D = 44.73

286626
668937
382248
382248
427448826

11-17-27 2

POG
E. Plot
Boley
Brady

P 220+04.4
= H 486+59.86



bottom of gulley

70' average

204+50

203+50

201+42.50

P 200+05.50
= H 208+91.39 PI



"P" line

Sta

L+



R+

Mag. Bear. Col. Bear.

See page 4

Not used

S 11-30 W

268+2600



266+00



S 11-45 W S 12-15 W

263+7315

15° 45'

31-30
15-45

N 30-30 W

11-17-27

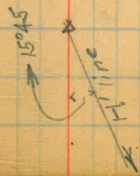
3

P.O.G.

Elliott

Brooks

Bailey



P 263+7315
= H 442+9112

P line Transit notes

Sta. L \triangle R+ Map. Ben Gale. Bear

Used as Final Location

185+00.00 P.O.T.

183+00.00 P.O.T.

177+00.00 P.O.T.

3°36'05"

171+87.55 3°36'

S29-45W S26°29'W 3-36 7-12

S33-30W

S30-05-14W

Pipe line location to Follow County⁴
Road from South Portal of Tunnel
Southerly

11-18-27

slope distance

$$V = 20.45 \dots = 93.514$$

$$D = 100.00 \quad 93.51$$

$$171+87.55$$

$$93.51$$

$$172+21.06$$

$$= P 171+87.55$$

$$H 171+87.55$$



11-18-27 5

P. line

Sta

L' R±

Mag. Bear Calc. Bear

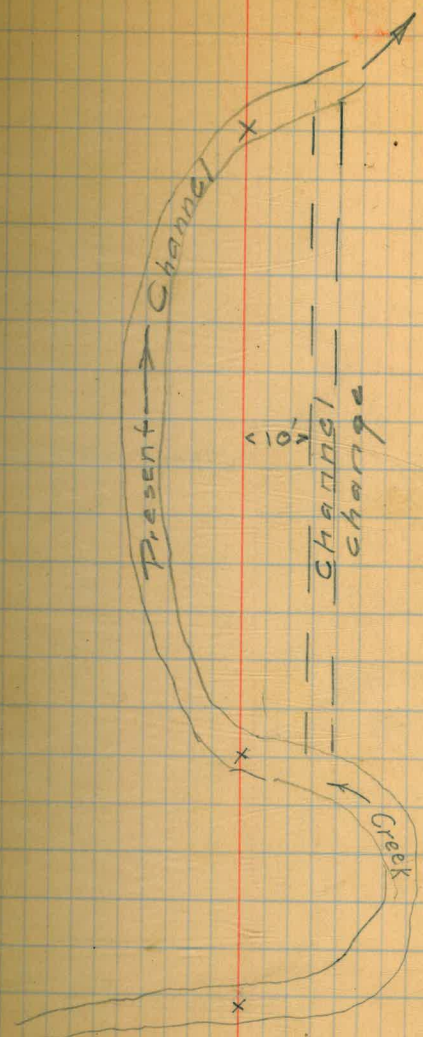
used as final notes

189+00

526° 29' W

187+25

186+37



Pliny

Sta L+ R+ Mt. Bear Calc. Bear

20

205+62⁰⁰ P.O.

~~See attached sheet.~~

55°30W 54°34W

21°55'40"

202+67⁹¹ 21-55-30

43-51
21-55-30

200+50⁰⁰ P.O.T.

526°29W
54-33-46

189+30⁰⁰ P.O.T.

11-18-27

6

9274.88
47670.60

P. Line

Sta

Lt



RT

Mag Bear Calc Br.

Final Location

223+78

220+84.51

P.O.T.

214+07.27

1546'20"

1546'30" 536°15'W 534°32'30"W 1546'30"

~~Revised
see attached sheet~~

208+64.50

14°12' 519°45'W 518°46'W 14-12

54-34 W

11-19-27

7

Tower 00 Line

Gully

Note: 24" C.M. Pipe Under
County Road to take Drainage

25084
51407
677

P 1102 Final Location

Sta. L⁺ → R⁺

Mag. Bear Calc. Book
 518° 03' 11" E
 516° 45' E 5 18 02 30 E

236+81¹² 28° 53'
 12 50
 18 03

28-53
 57-96

234+28

6045'
 512° 45' W 5 10 50 30 W
 S10° 47' 49" W

6-45
 13-30

231+90⁵²

229+36

229+15

55° 45' W S 4° 05' 30" W
 S4° 01' 47" W

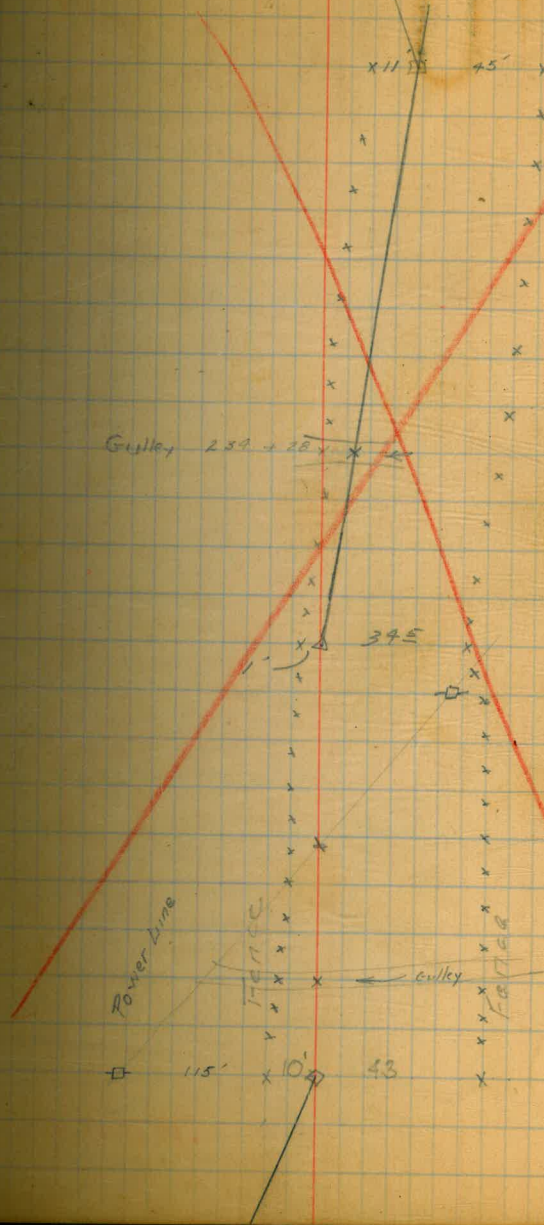
30-17
 60-54

226+37⁰⁸ 30° 27'

S34° 31' 49" W
 534-37-30 W
 30 27

11-21-27

8



Note: 12" Arisco Pipe
 Under County Road

Note: 12" Arisco Pipe
 Under County Road

P Line

Sta

Lt

Rt

Mag Bear. Calc Bear.

241+32.55

23° 12'
5 21
17 49

S 17° 48' 09" W
S 19° 25' W b 17 49 W

23-12
46-24

239+01.56

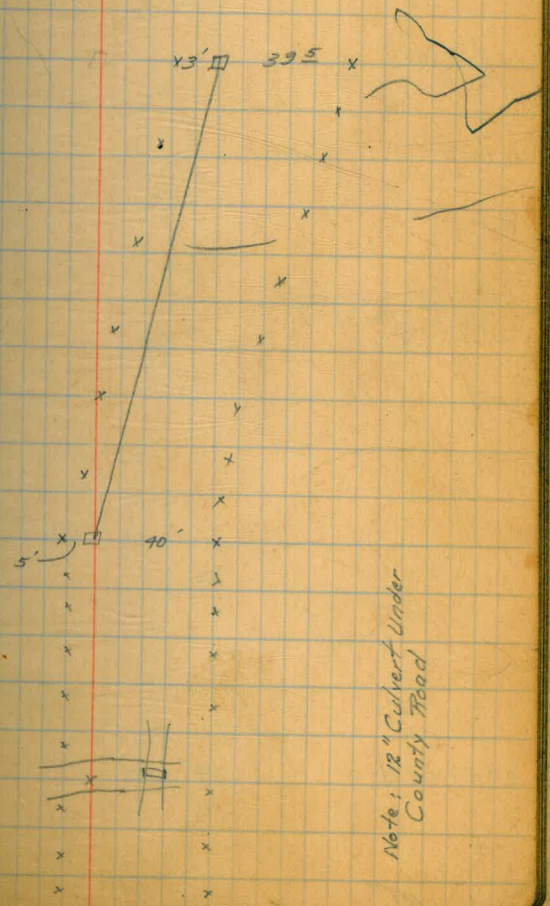
12° 39' 20"
12° 39' 30"

S 53° 45' E S 55° 23' E
S 52° 35' 1" E

12-29-70
25-19-70

237+06

S 18° 03' 11" E
S 18° 02' 30"
12 39 30
5-23-00



Note: 12" Culvert Under County Road

P. Line

Sta Lt. Rt. Mag. Bear Calc. Bear

250+63 ¹⁵ 43° 47'

200° 30' W S 01° 13' E
 43-47
 87-39

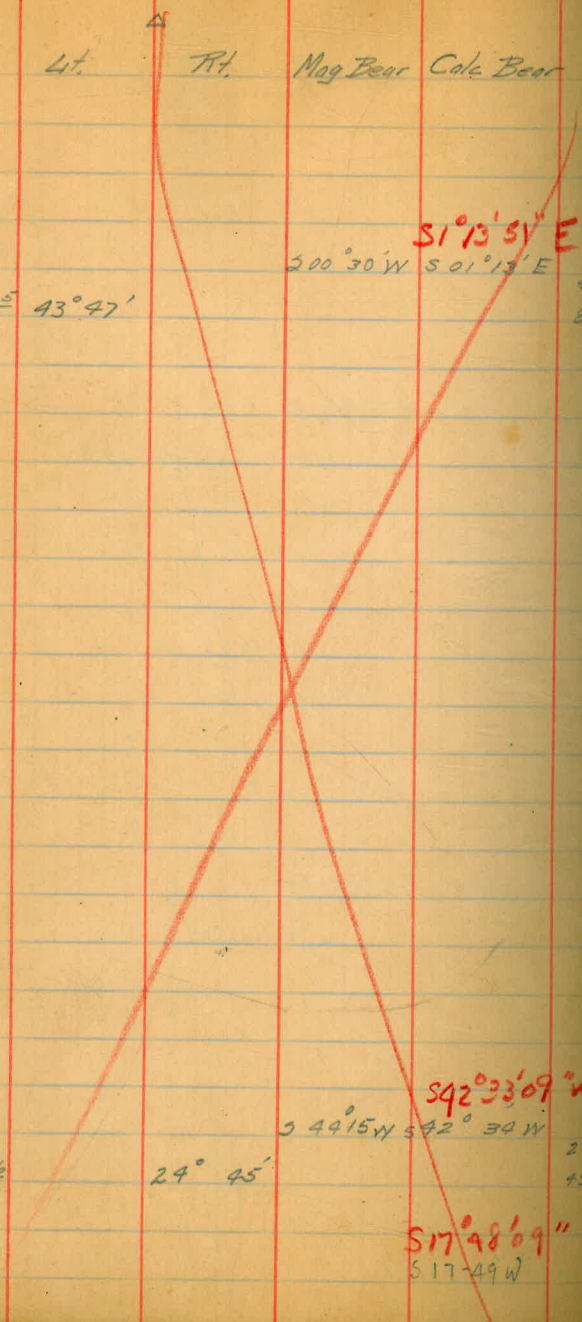
S 1° 13' 51" E

245+04.06

24° 45'

S 49° 15' W S 42° 34' W
 24-45
 49-30

S 17° 48' 09" W
 S 17-49 W



250+43

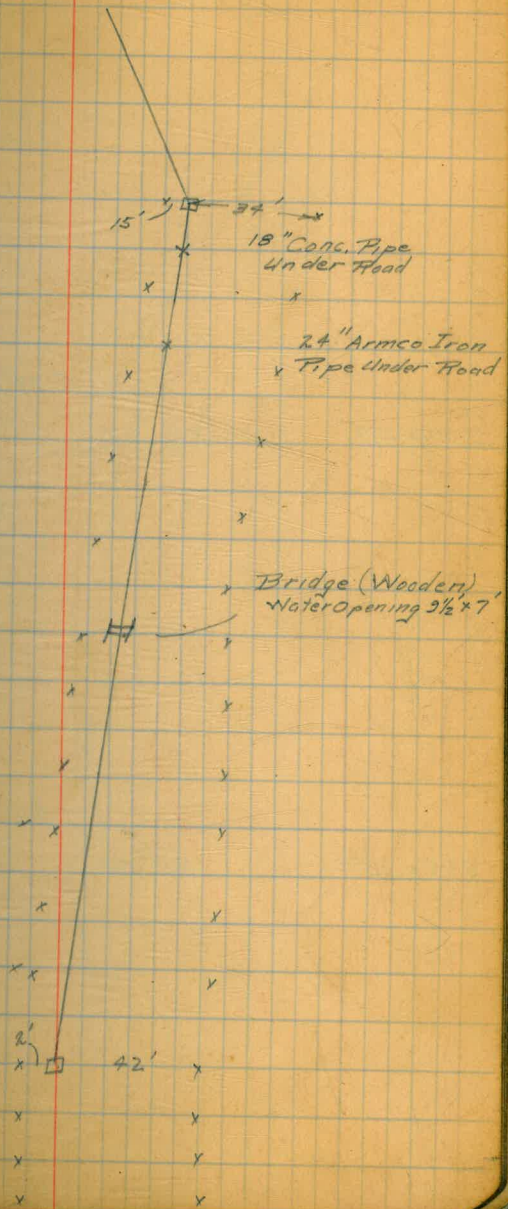
250+12

247+30

245+66

drive way

245+46



15' 34'

18" Conc. Pipe Under Road

2" Armco Iron Pipe Under Road

Bridge (Wooden) Water opening 3 1/2 x 7

42'

P. Line

Sta Lt Rt Mag Bear Calc Bear

256+46.35

38°05'

574°30'W 572°50'W

38-65
76-10

S72°19'09"W

123.31

255+23.09

35°58'

536°30'W 534°45'W

35-58
71-56

S39°44'09"W

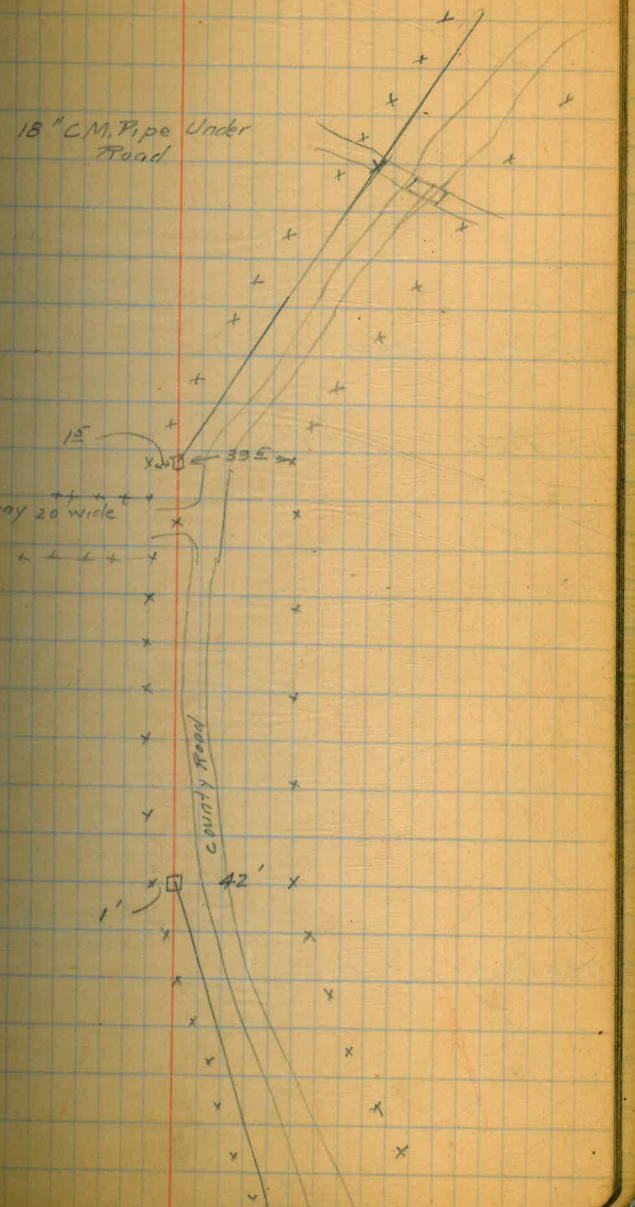
S1°13'51"E

S1-13 E

261+80 18" CM. Pipe Under Road

266+25 Driveway 20 wide

County Road



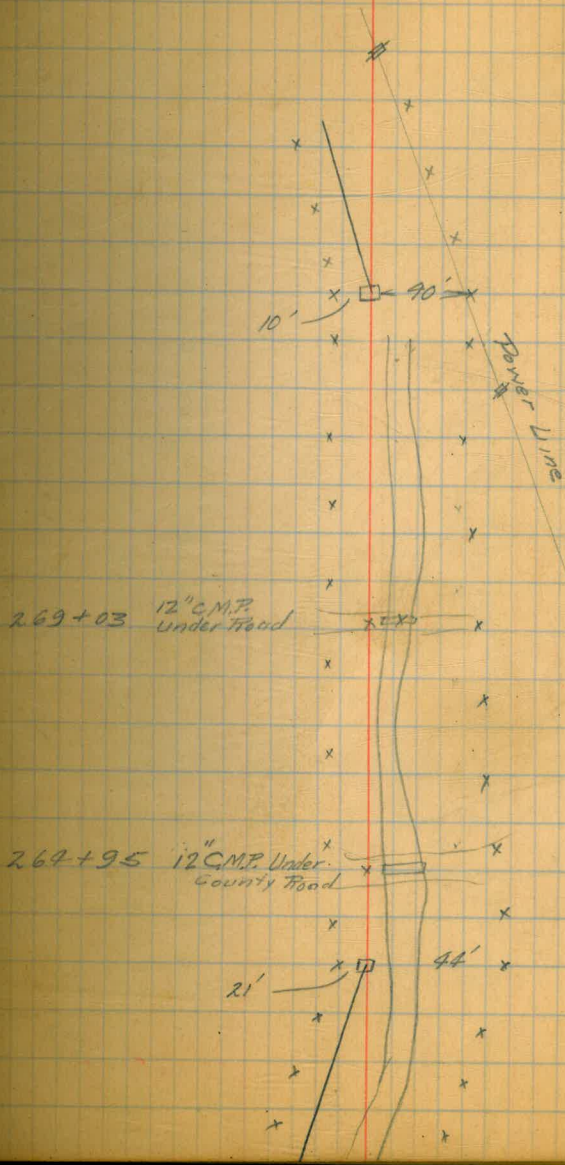
Sta	Lt	RT	Mag Br	Calc Br
-----	----	----	--------	---------

~~270+51.23~~ $11^{\circ}09'40''$ $11^{\circ}09'30''$
~~531° W 529° 17.30' W~~ $529^{\circ}16'29''$
 11-09-30
 22-19

~~270+12.95~~ P.O.T.

~~264+79.68~~ $32^{\circ}23'$
~~592° 00' W 540° 27' W~~ $540^{\circ}26'09''$ W
 57.23
 64-46

$572^{\circ}41'09''$ W
 572.58 W



F. Line

Sta

Lt

Rt

Mag Bear Calc Bear

291+50²⁹

P.O.T.

280+10⁶⁵

P.O.T.

S 29° 16' 29" W
5 29 0 17 30

S 29° 16' 29" W
5 29 17 30

11-22-27 13

288+10

275+72

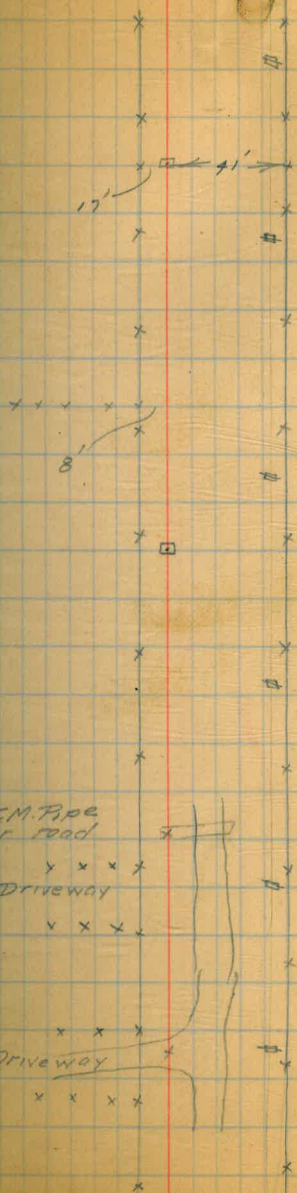
275+35

273+22

18" C.M. Pipe
under road

20' Driveway

20' Driveway



P. Line

Sta	Lt.	Part.	Mag	Bear	Calc	Bear
317+28 ²	P.O.T.					

305+79 ⁴⁵	P.O.T.					
----------------------	--------	--	--	--	--	--

295+88 ¹²	P.O.T.					
----------------------	--------	--	--	--	--	--

30 30
 (29+17-30w)
 1-12-30

11-22-27

14

317+00

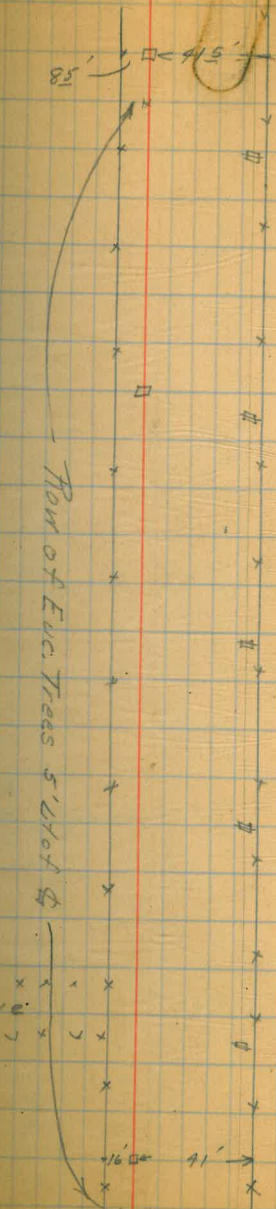
85'

415'

Row of Euc Trees 5' W of P

301+66 20' DRIVE

295+50



P. Line

11-22-27

15

Sta Lt. Rt. Mag Bear Oak Bear

337+82

DRIVE

337+62

337+36E gate

335+50

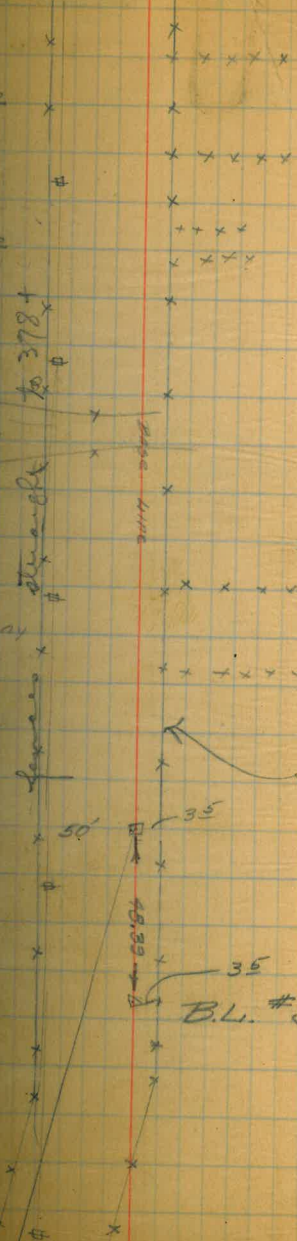
Gully

335+10

332+53

DRIVEWAY

332+28



$30^{\circ}30'05''$

$S1^{\circ}13'36''E$

$S1^{\circ}12'44''E$ 30-30

~~$S1^{\circ}13'36''E$~~ 61-00

South

$323+83.01$ $30^{\circ}30'$

B.L. #3 Con Monument

P. Line
A

Sta Lt. Rt. Mag Bear Calc Bear

378+0732

P.O.T.

Correct Bearing N 1° 13' 36" W

S 1° 13' 36" E

357+7801

P.O.T.

11-22-27 16

371+66

371+56

371+39

370+15

369+70

366+75

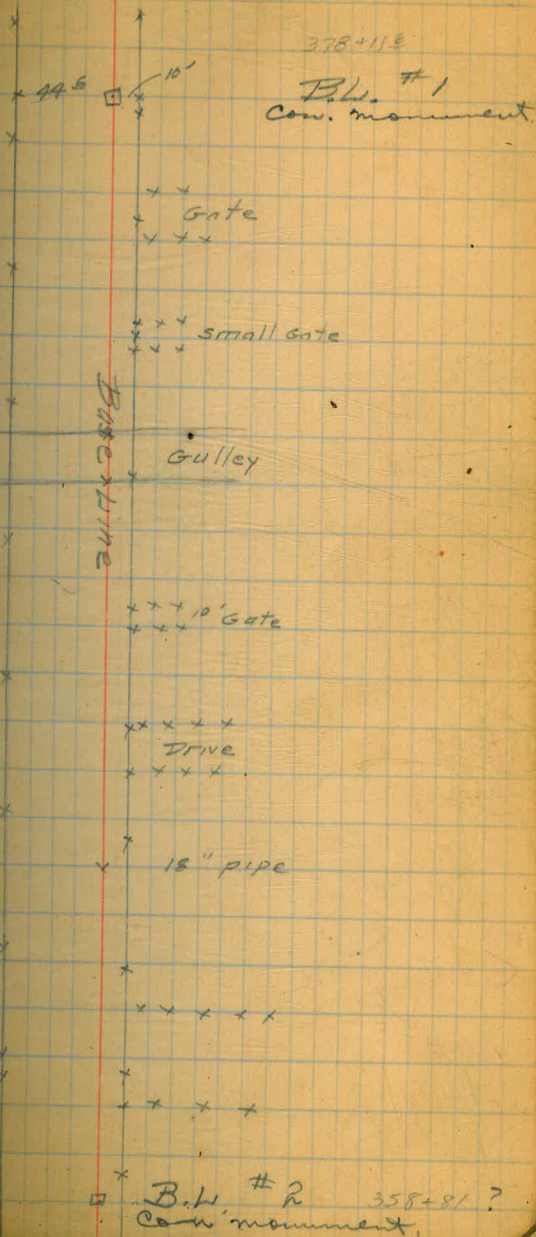
366+20

366+05

361+10

359+18

358+73



P. Line

Sta Lt Rt Mag Br Calc Br

~~Revised~~

391+53.28

20° 56'

3 12° W 3 19' 42" 24"

20° 56'
41.52

3175'E

3173'36E

11-23-27

17

windy

P. line change

FB 245

Sta 371+53.28

162

415+92.92

= 410+34.40

Jan. 5 '28

P.O.G

Leach

Simpson

General note

415+92.92 P' = ΔR 20-33-30
410+34.40 P

1089.05

Sta. 405+23.87

£ of Pave

Sta. 405+03.87

ΔL 91-08-00

665.15

Sta. 397+22.72

685.44

Δ R 11-29-40

71.30

W.

391+53.28 P'
391+53.28 P

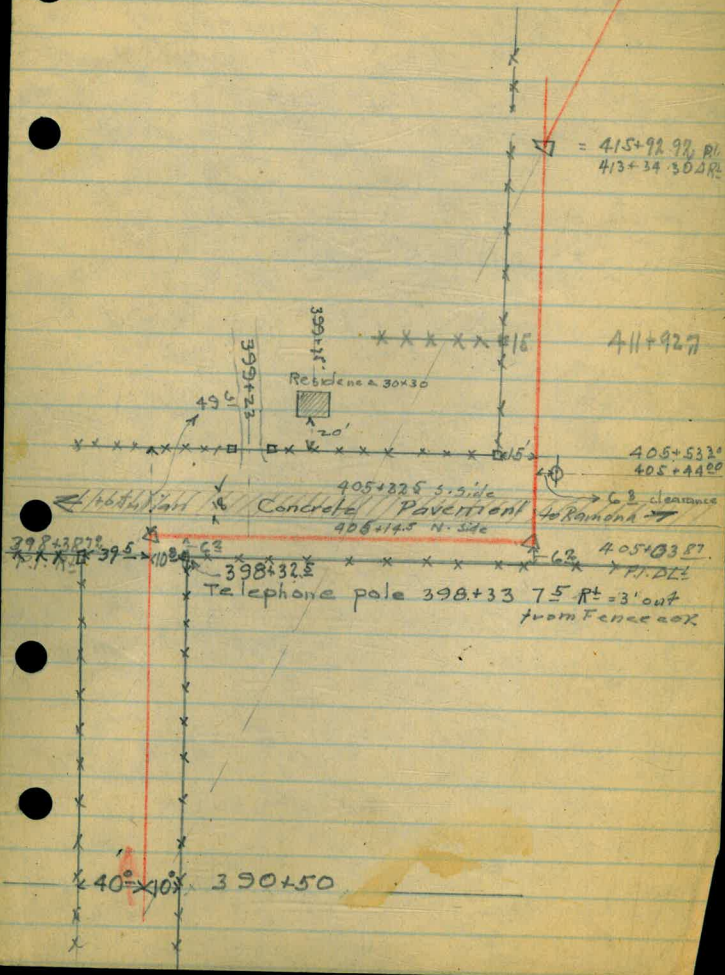
Base line course produced
to Pavement

Final Line orange

2/27/64

Sta 391 - 415

Speed Road etc



P. Line

11-23-27

17

windy

Sta	Lt	Rt	Mag Br	Calc Br
-----	----	----	--------	---------

~~Revised~~

391+53²⁸

20° 56

$519^{\circ} W$ $519^{\circ} 42' 24''$ $20^{\circ} 56'$
 41.52

$5195'E$ $5193'36E$

332+00

392+62

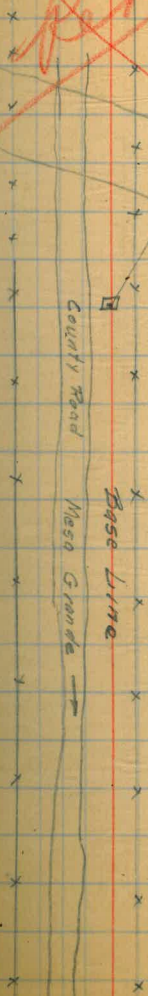
~~Revised~~

Santa Maria Cr →

County Road

Base Line

Mesa Grande →



P. Line

Sta Lt. Rt. Mag Br Calc Br

430+27¹⁵ 19°38' (11")

500°04'13"W 10-58
500°30' 500°04'20"W 39-56

Note: Subtracted
11" from Bear. to
check on correct
Course from Sta
678+02.53 Fch.

428+03⁶⁵ P.O.T.

410+34.40

406+50 P.O.T.

See preceding
Sheet = Sta 415+92.98

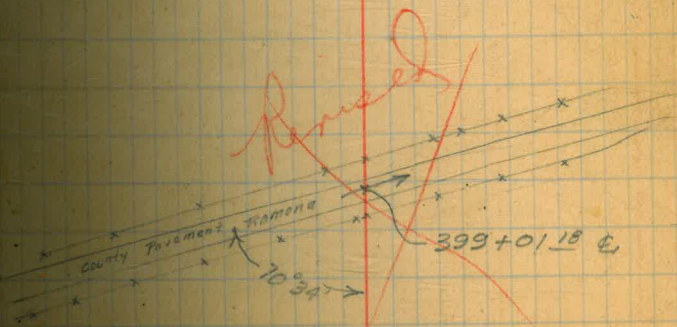
404+00 P.O.T.

~~Revised~~

519°42'29"W

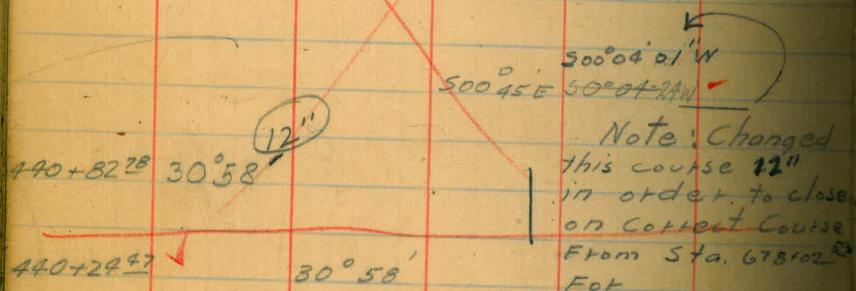
11-23-27

18



P. Line

Sta Lit. Rt Mag Br Calc Br



500° 04' 13" W
500° 04' 28" W

OK for this sheet
Today
11-23-27

19

497+15

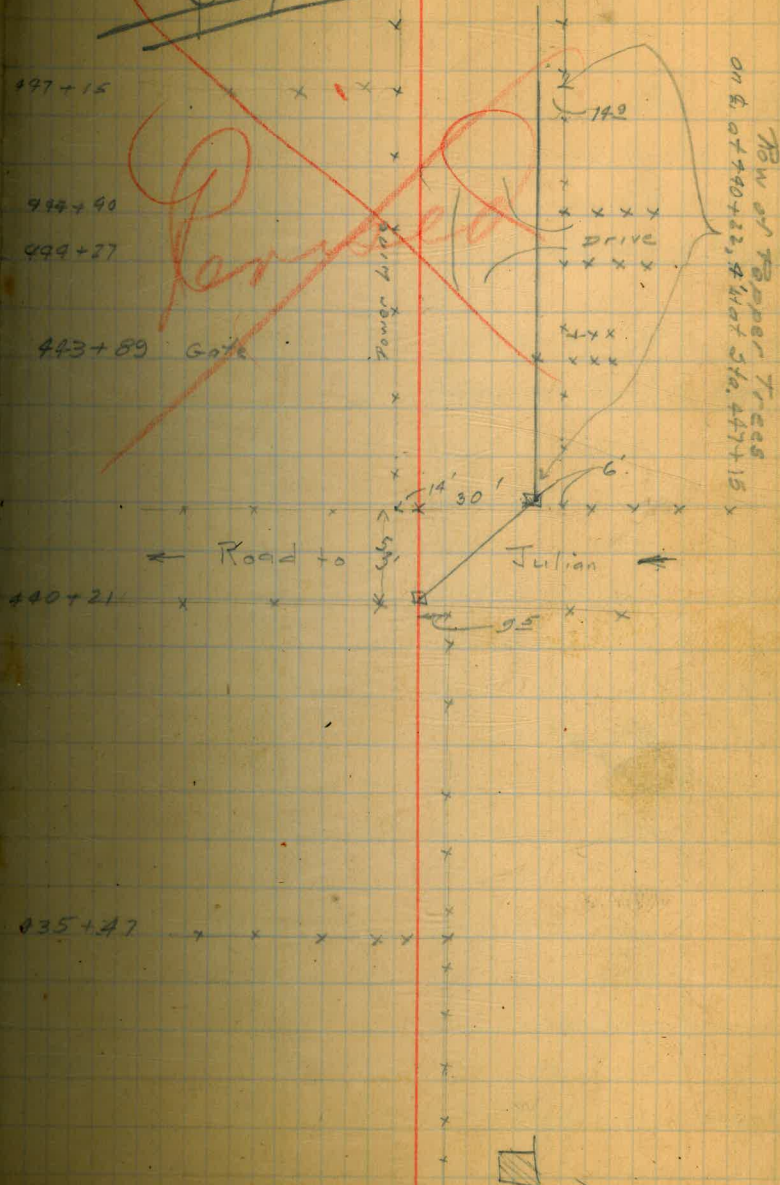
499+90

499+27

443+89 Gate

440+21

035+47



21

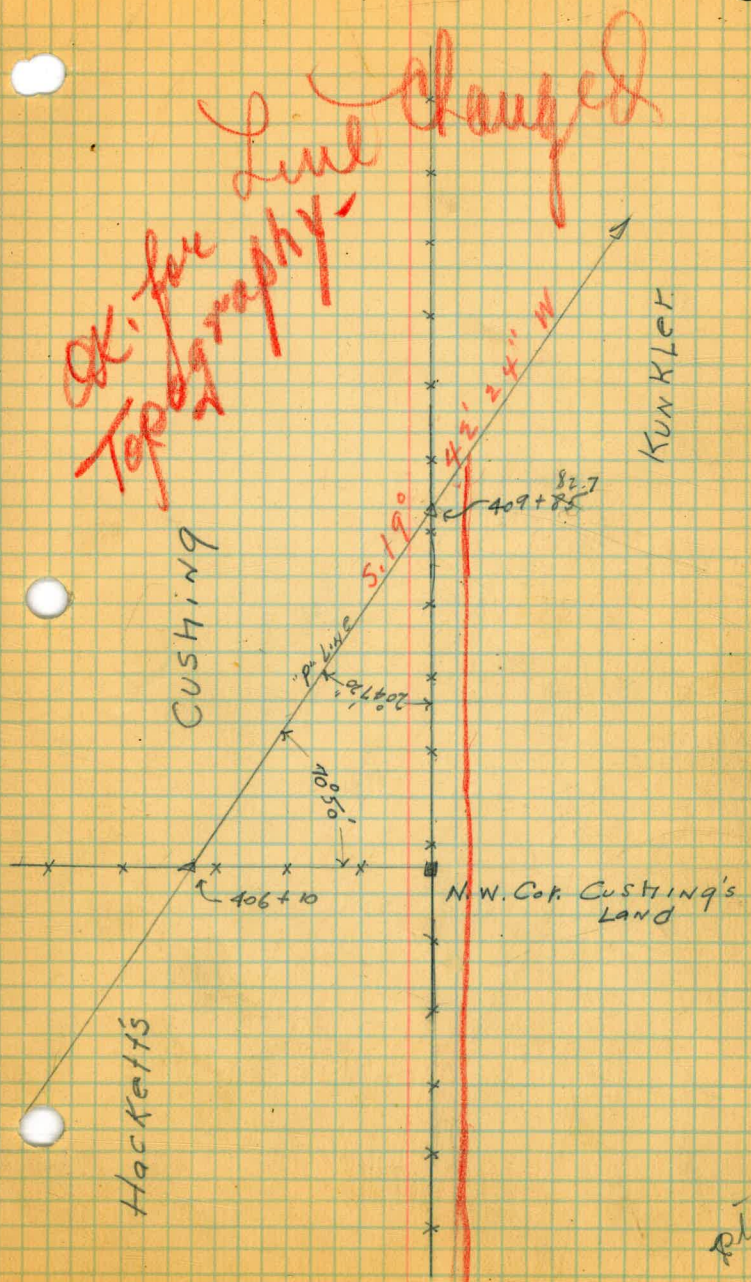
Dec. 8, 1927
Simpson-
Bailey-
Goodbody-

Property ties of "P" Line
from Sta. 406+00 to Sta. 440+00

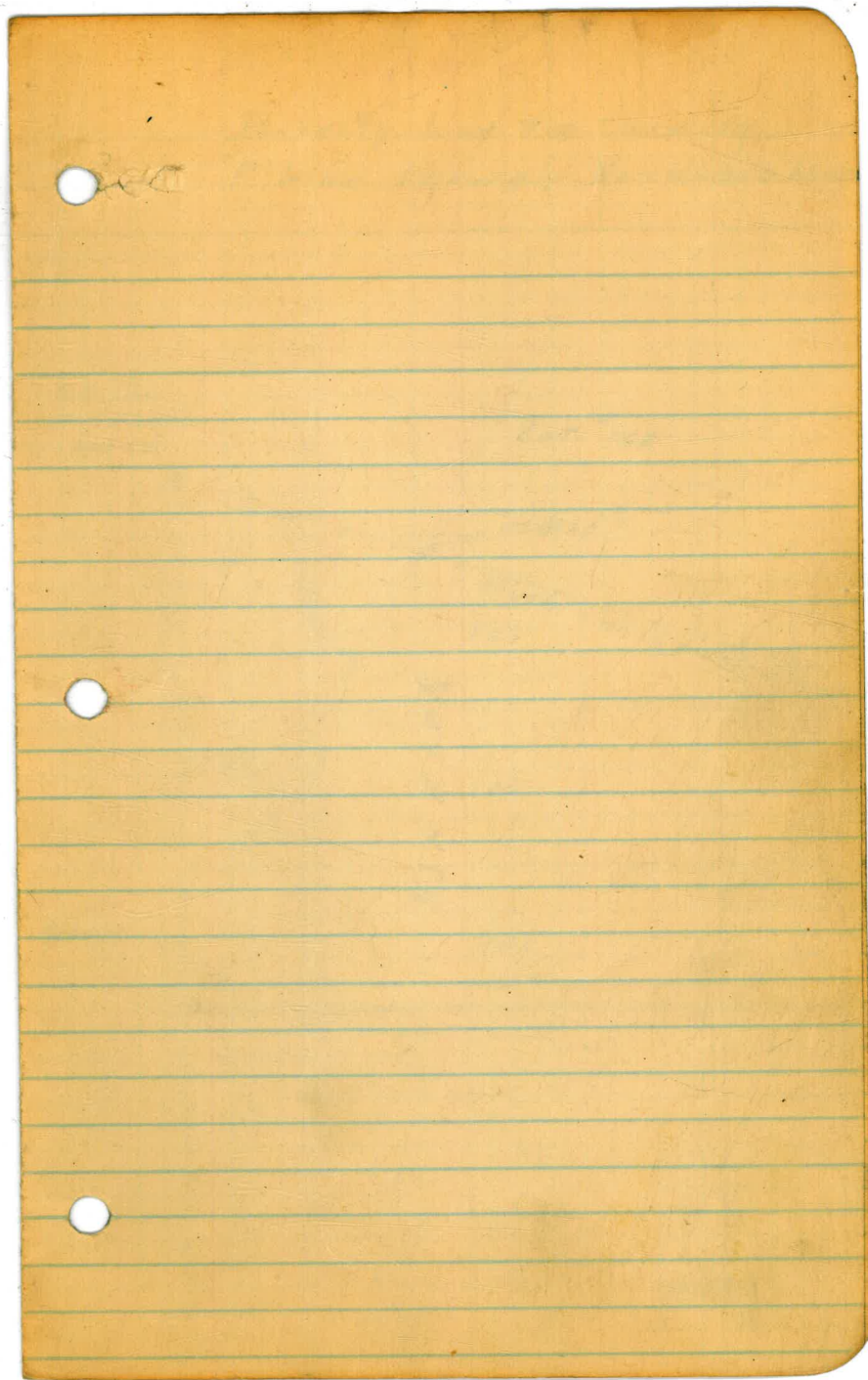
Property Line tie showing "P" Line
Through G. Cushing's Land

(2)

OK for
Topography
Line changed

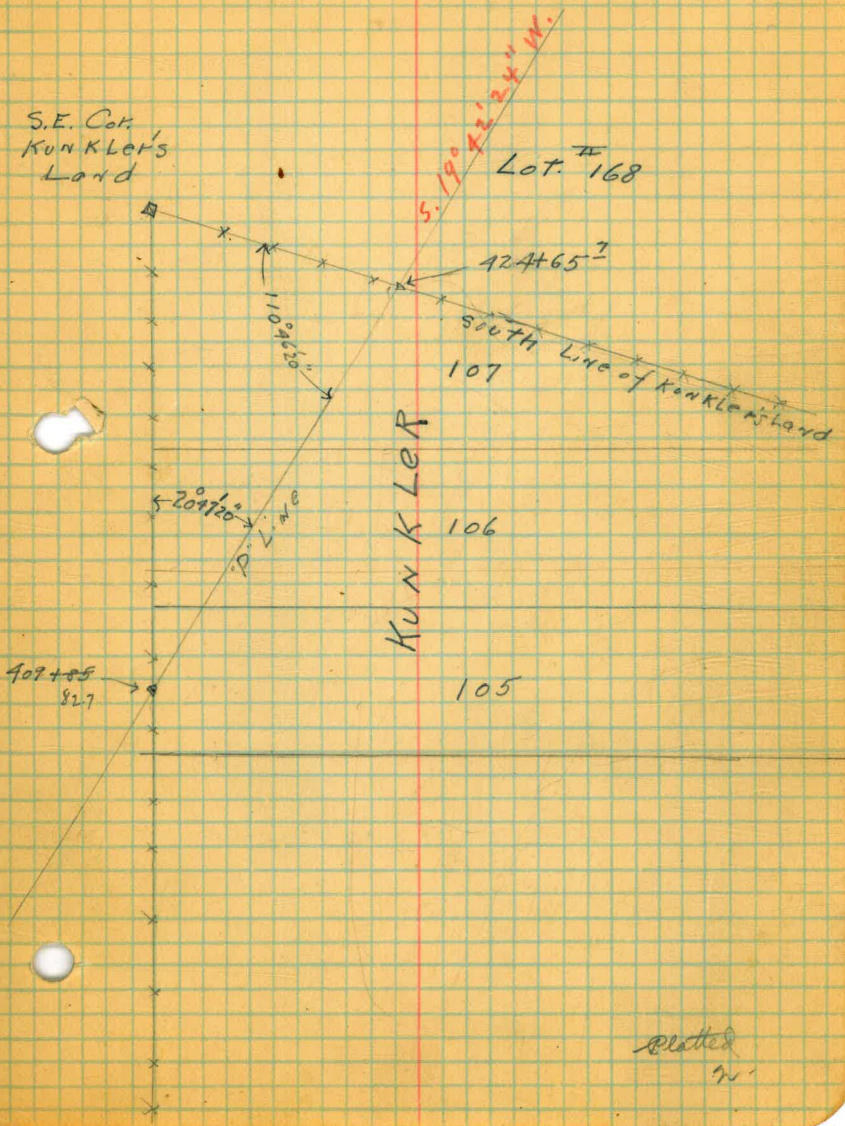


Plotted
w/

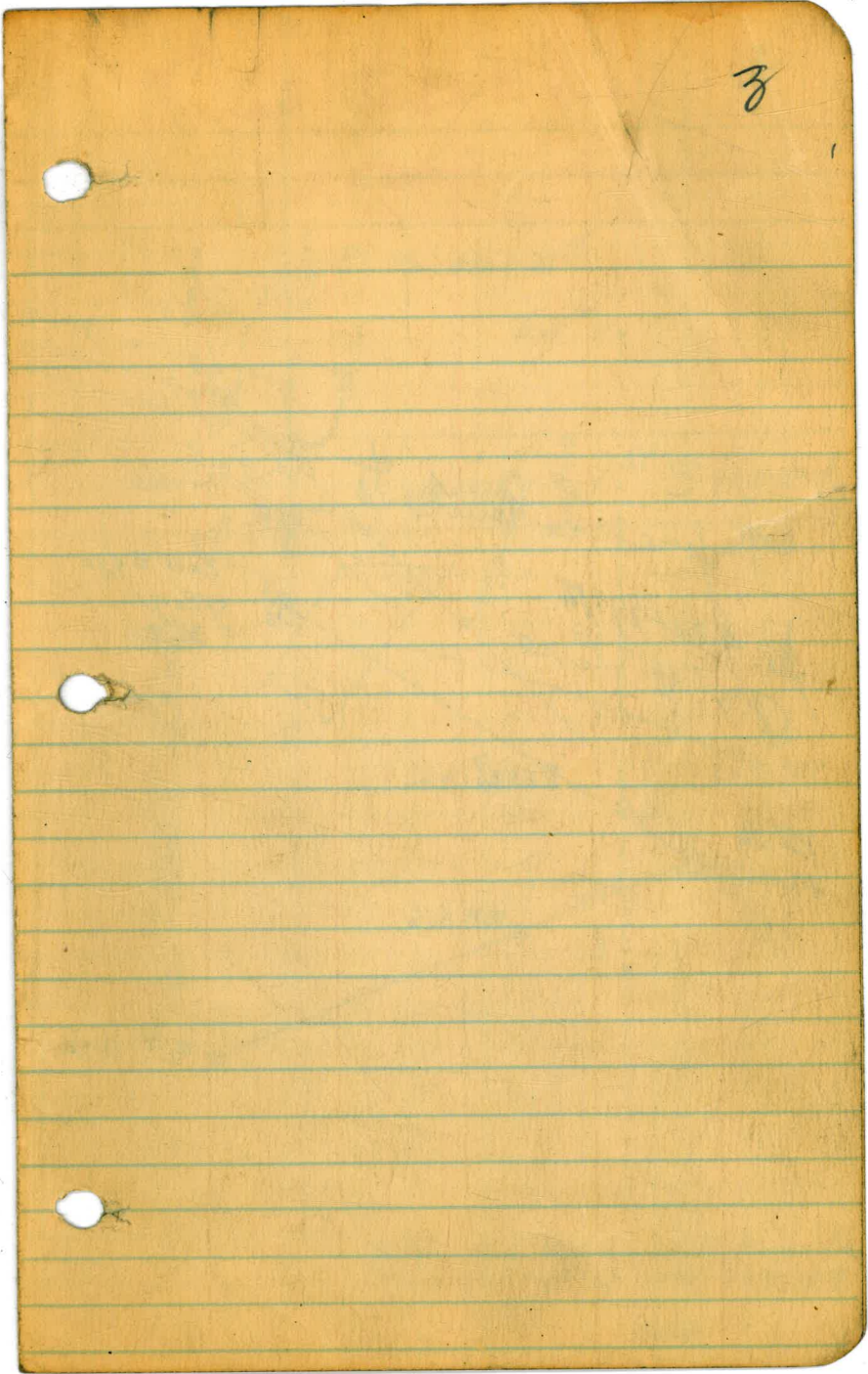


OK Location

Property Line tie showing
"P" Line through KUNKLER'S LAND



3



Final Location 3

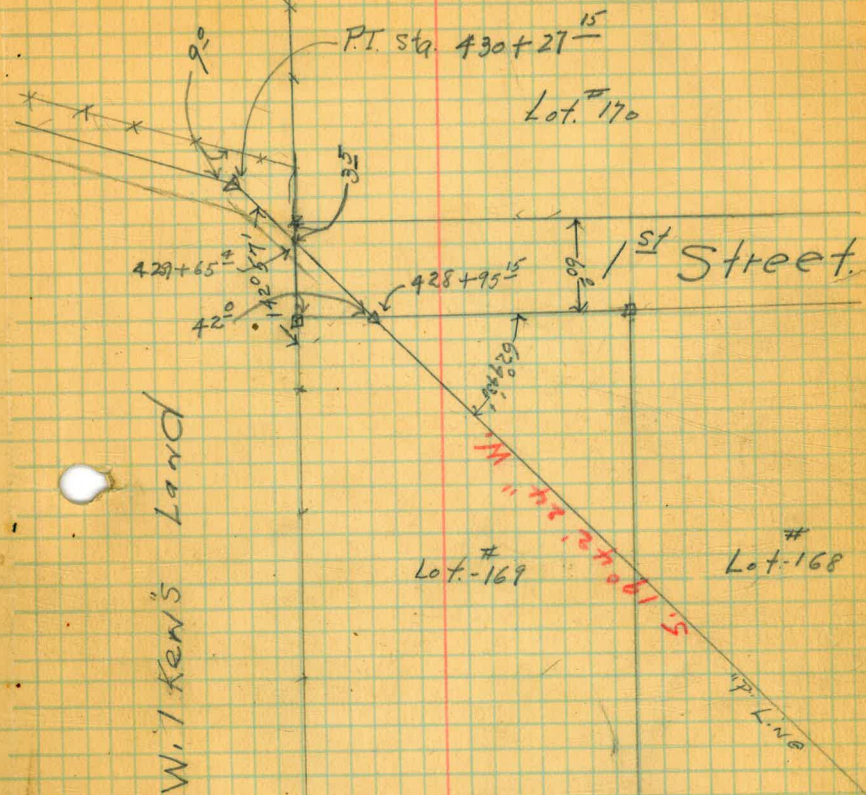
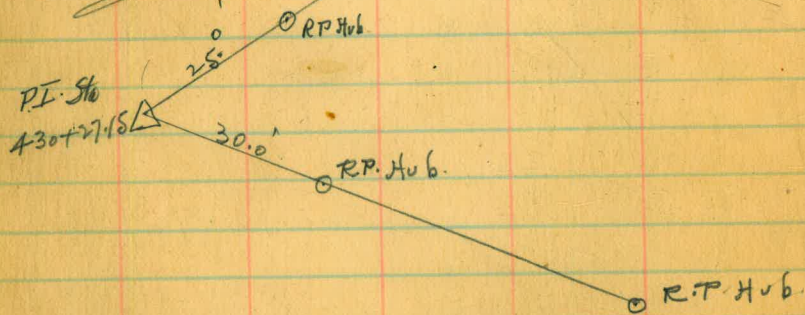
as used here -

142	141
109	57
33-14	24
45	36
24	

Reference Points to

Sta 430+27.15
P.O. "P" Line

East Edge
of Solar
Heater

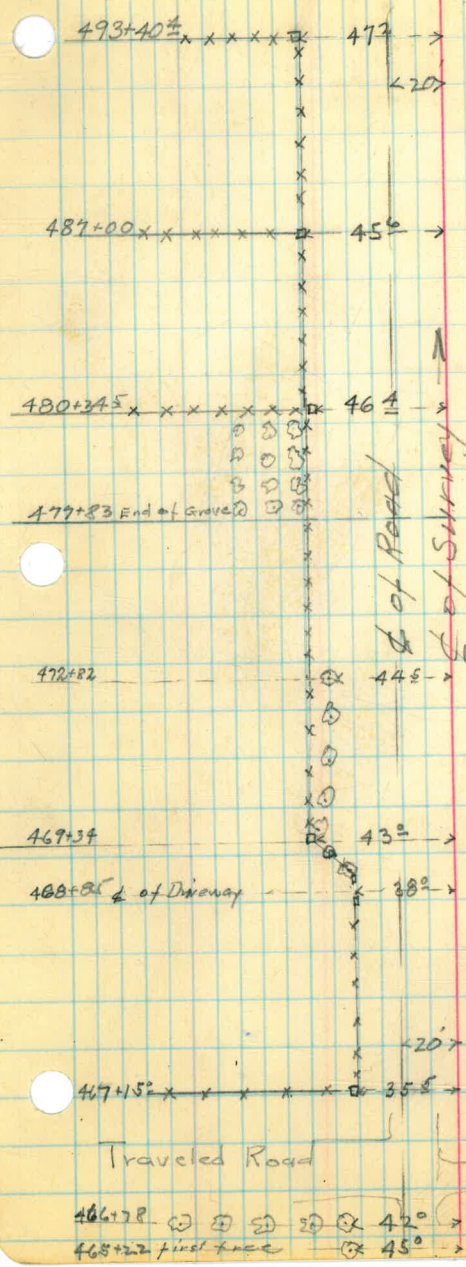


Note: Mrs. Graham of Ramona
Has charge of Lots-168-169

Plotted
W

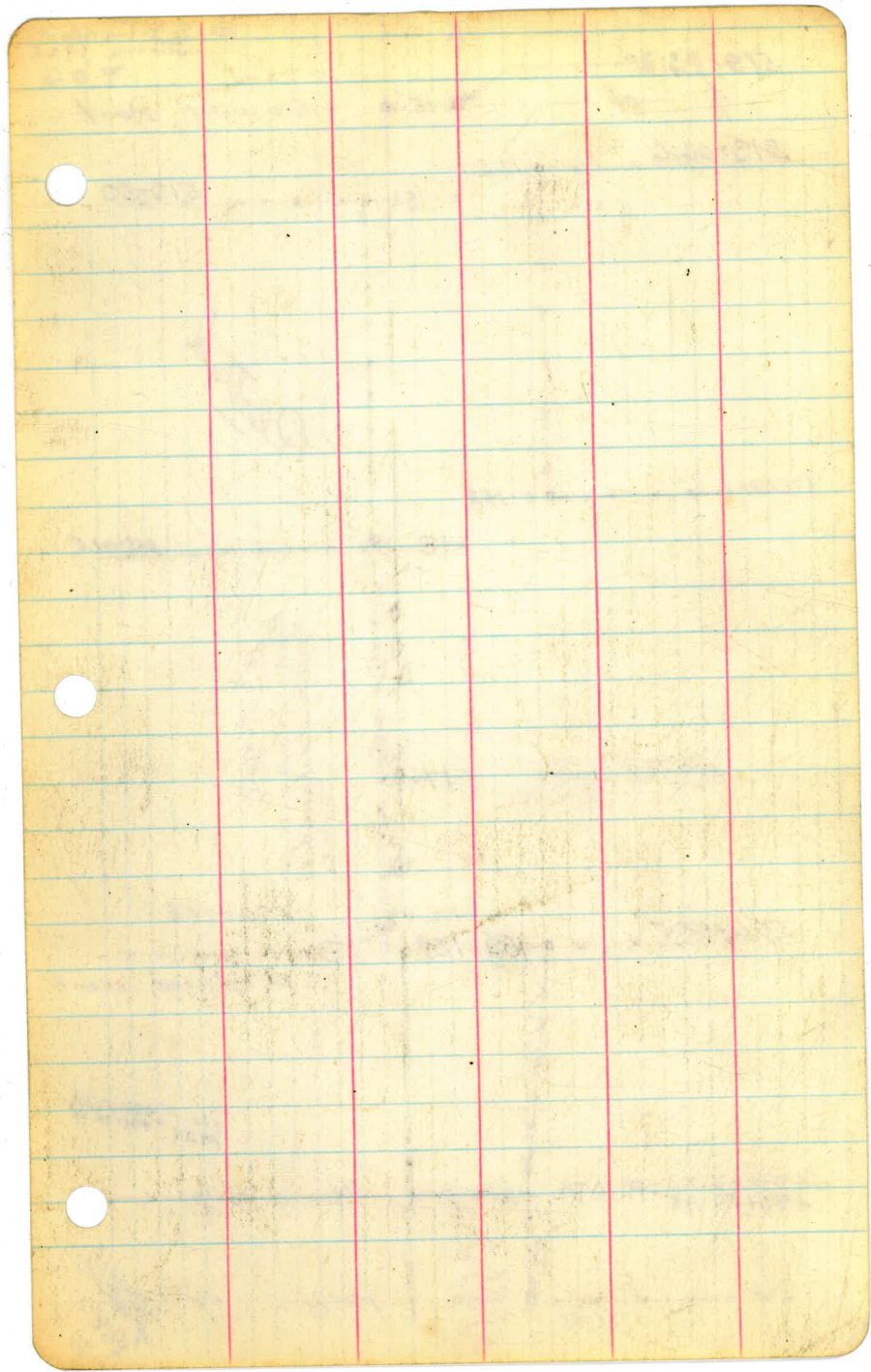
S. S. N.
 493#
 493+
 7.02

Line of Survey →



all Plotted
 ok
 N

Traveled Road



S.S.V. Conduit
June 1928
P.O.G.

519+83.32

of

County Road

519+66.6

12.5

18.2

519+50

Plotted

515+21.5

14.3

18

515+01.5

100 FT S

Road

509+44 Private Driveway

17.0

12" - 51' apart.
E.H.C. Traces with
Fence fastened to
Trees

506+58.5

17.2

506+74.5

Fd red head recent

Sta. P' 493+62.23
PIAR = 493+59.95

= 493+62.23 = P.I. Δ R L
493+59.95

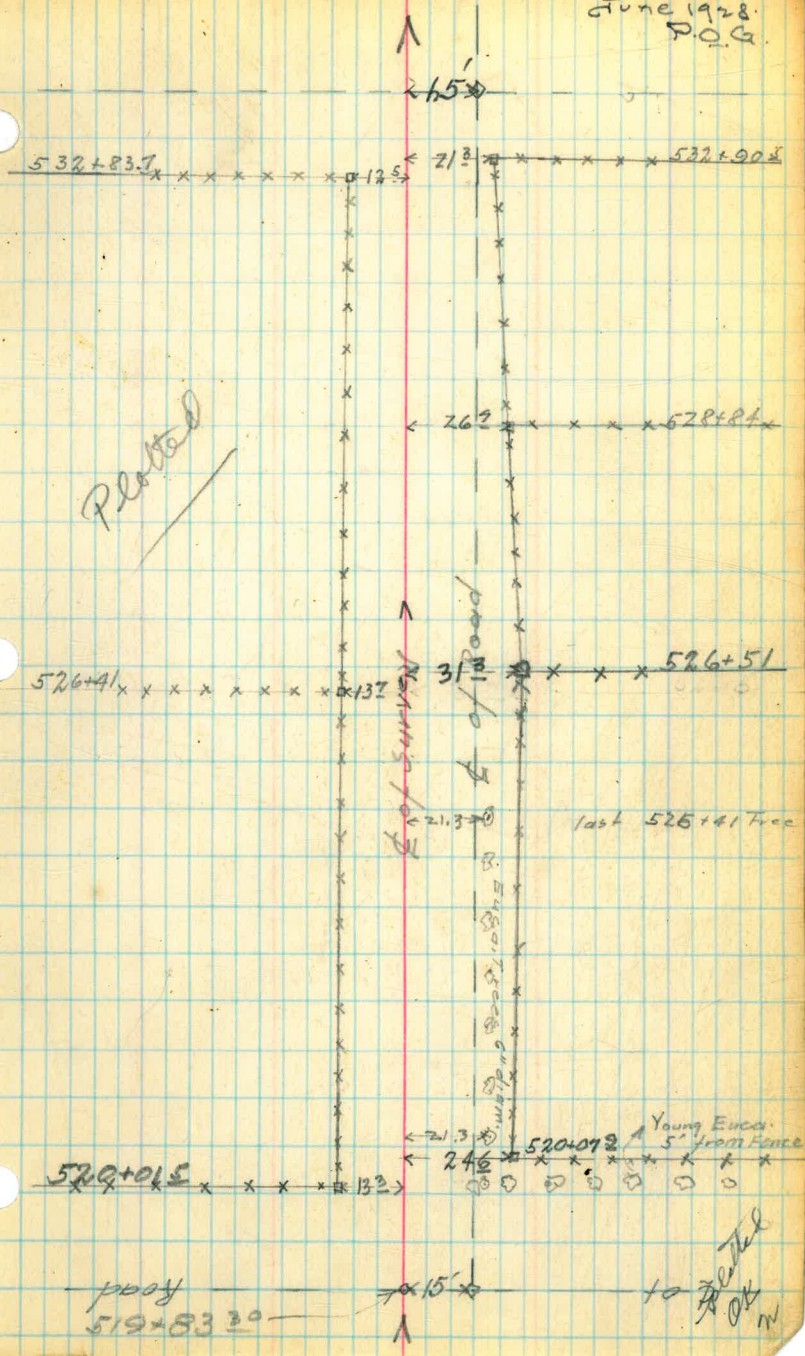
20

Drive way

Road

Plotted
OK

S. S. Y. Conduit
June 1928.
P.O.G.



S.S.Y. Conduit
 6/28 T.O.G.
 Not Fenced
 N.W. side of
 Road Intersection
 ← $\frac{1}{2}$ of Survey → 546+22.47
 P.I. Δ 2'

← $\frac{1}{2}$ of → ← 15' →
 546+11 x x x x x x x x 12° x 23' x x x x x x 546+11

I.J.

Plotted

539+67.5 x x x x x x x x 13° x 23' x x x x x x 539+69.0

Fencing
 for
 veg
 10' x 7'
 BUT IN CULTIVATION
 NOT FENCED.
 BUT IN CULTIVATION
 VEGETABLES, etc.

534+00
 533+87.5
 533+24 x x x x x x x x 14° x 12° x
 14.1 x 13.8

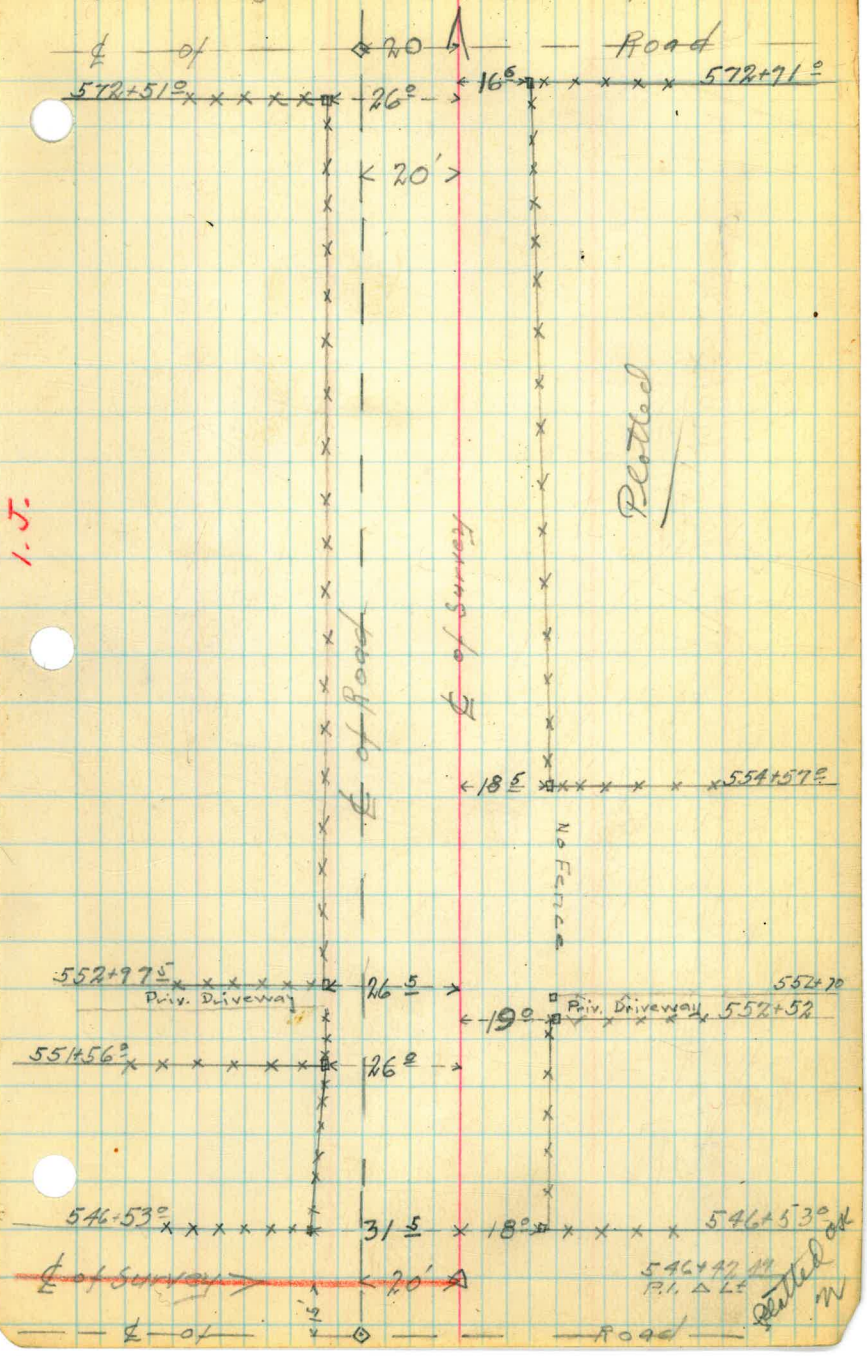
← $\frac{1}{2}$ of → ← 15' → Road
 or
 Plotted
 N

No Fences

S. S. Y. Conduit

June 1928

South of this Road



1-J.

Plotted

Plotted

Property ties Showing "P" Line
Through Wilken's Land.

4

Old Rd. to Julian 440±21'[±]
South Line Wilken's Land

12/9/27
Simpson
Bailey
Goodbody

Wilken's Land

5.0° 04' 24" N. "P" Line

West Line of Wilken's Land

90°

Revised
M

P. Line

11-25-27

20

Sta Lit Δ Rt Mag Br Cok Br.

467+09¹⁴

P.O.T.

469+27

12" Conc Drain

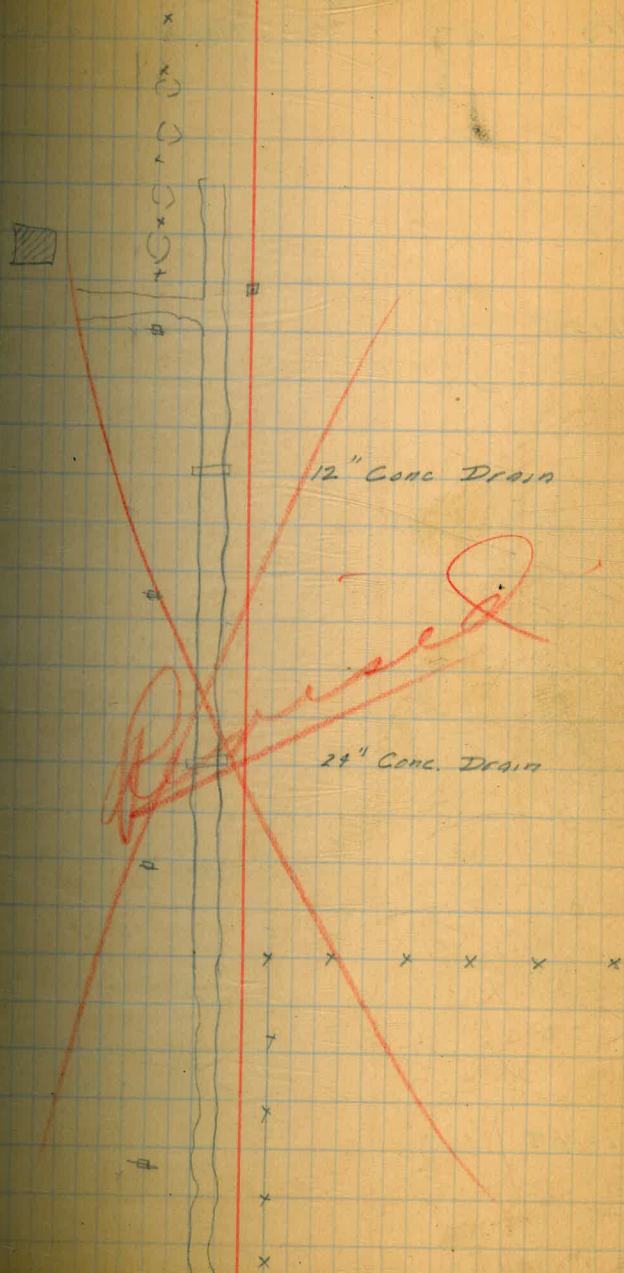
457+39

24" Conc. Drain

403+54

448+34³¹

P.O.T.



P. Line

21

Sta Lt Rt Mag Br Calc Br

502+50.00

~~not used~~

484+50.00

0°19'

500°14'59" E ✓

51°0' E 500°19'36" E

0°19'

499+00

Olive Orch.

493+65

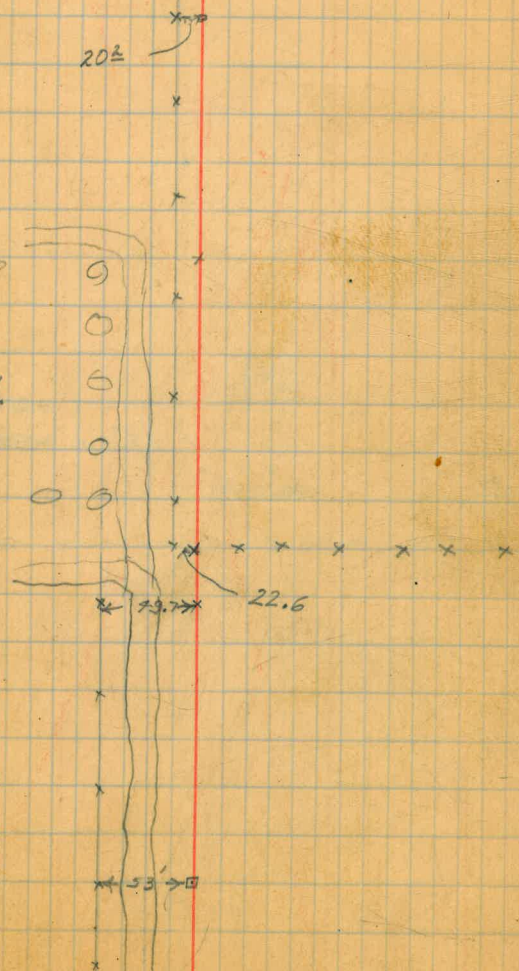
493+30

20±

19.7

22.6

53



P. Line

Sta	Lt	Pt.	Mag	Br.	Calc	Br.
-----	----	-----	-----	-----	------	-----

not used

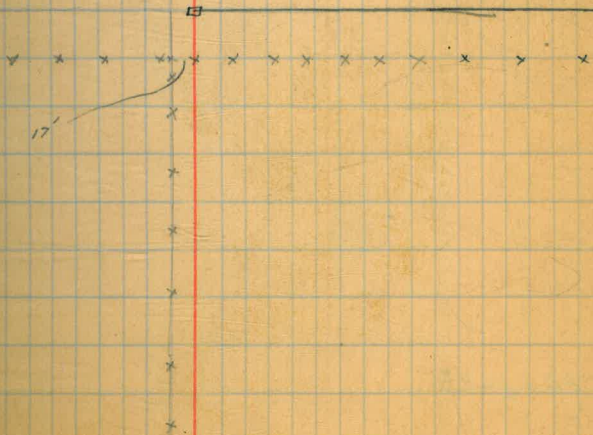
520+27³⁷
 484 80
 85.77.87

90°20'30"

S 89°15' W N89°54'54" W
~~N89°54'06" W~~

3/4"

520+00



P. Line

Sta Lit. Rt. Mag Br Calc Br

23

533 + 44.53 68° 12'

522° 23' 06" W
521° 15' 52" S

130 - 22
65 - 12

533 + 81 4. Road

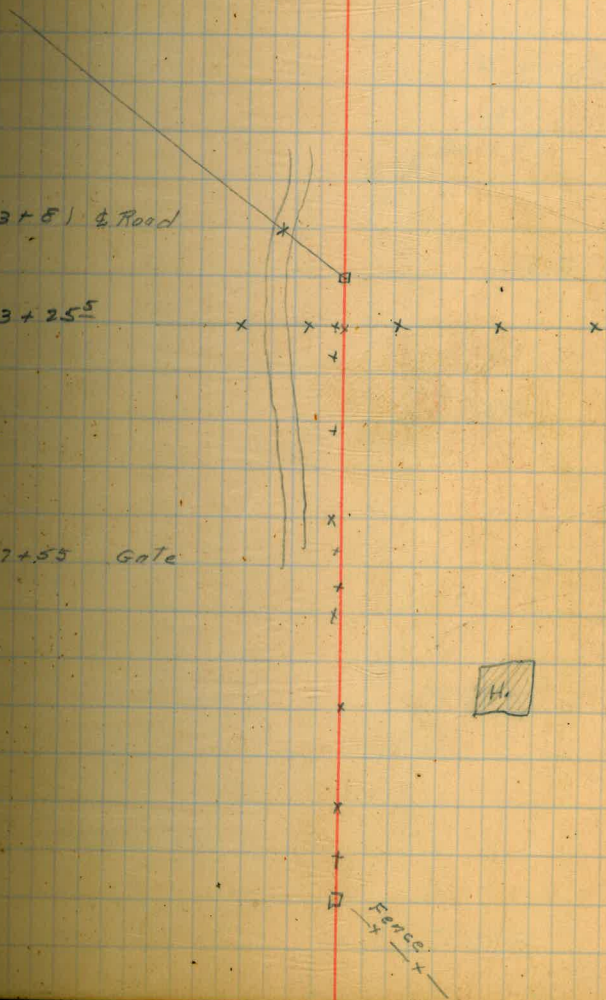
533 + 25.5

527 + 55 Gate

529 + 64.62

N 89° 24' 54" W
N 89° 54' 06" W

not used



P Line

Δ

Sta	Lt.	Ht.	Mag Br	Calc Br.
$575 + 9025 =$ $H' 0 + 00$				

$573 + 32 \overset{40}{=}$	$20^{\circ} 30' 30''$	$50^{\circ} 15' W$	$51^{\circ} 52' 36'' W$	$20-30-30$ $41-01$
----------------------------	-----------------------	--------------------	-------------------------	-----------------------

$572 + 6487$ P.O.T.

$570 + 72 \overset{43}{=}$ P.O.T.

$567 + 5872$ P.O.T.

$553 + 02 \overset{98}{=}$ P.O.T.

$538 + 31 \overset{91}{=}$ P.O.T.

not used

$522 \overset{0}{23} \overset{06}{W}$

Sat. Nite
11-26-27

24

H' 0 + 00

To F

To G

To H

$08.06.02 \overset{7}{=}$

□

□

□

Alternate Pipeline location

579

L⁺ R⁺ M.B C.B

519+83.20

0°07'30"

Nest

~~N89°21'56"W~~
~~N89°01'06"W~~ 0-7-30
 N89°51'29"W 0-15-00

509+95 approx. P.O.T

506+08

650+08

493+54.72

90°46

589-30 W N89°58'59"W
~~N89°58'36"W~~

90-46

50°44'59"E
~~50°14'36"E~~

01-24-01

50°04'01"W
 50°07'24"W

484+50.00 P' 0°49'
 484+50.00 P'

25

520+91 x x x R.P. 32' 13' 32' 28' 15' R.P. 520+05.00

519+65 x x x 12' 20' 518+50

509+50 Private Road

x x x x x 185'

RP 29.0 403+54.72 Pine

RP 265

Fence con.

County Road
 Fence
 ROW of Euc. Trees

Fd marker
 15' out

Sta Lit RT Mag Br Calc B

546+42.47 90°08

50°00'5" ~~50°00'29"E~~
~~50°00'06"E~~
 50°00'5" ~~51°28'0"W~~

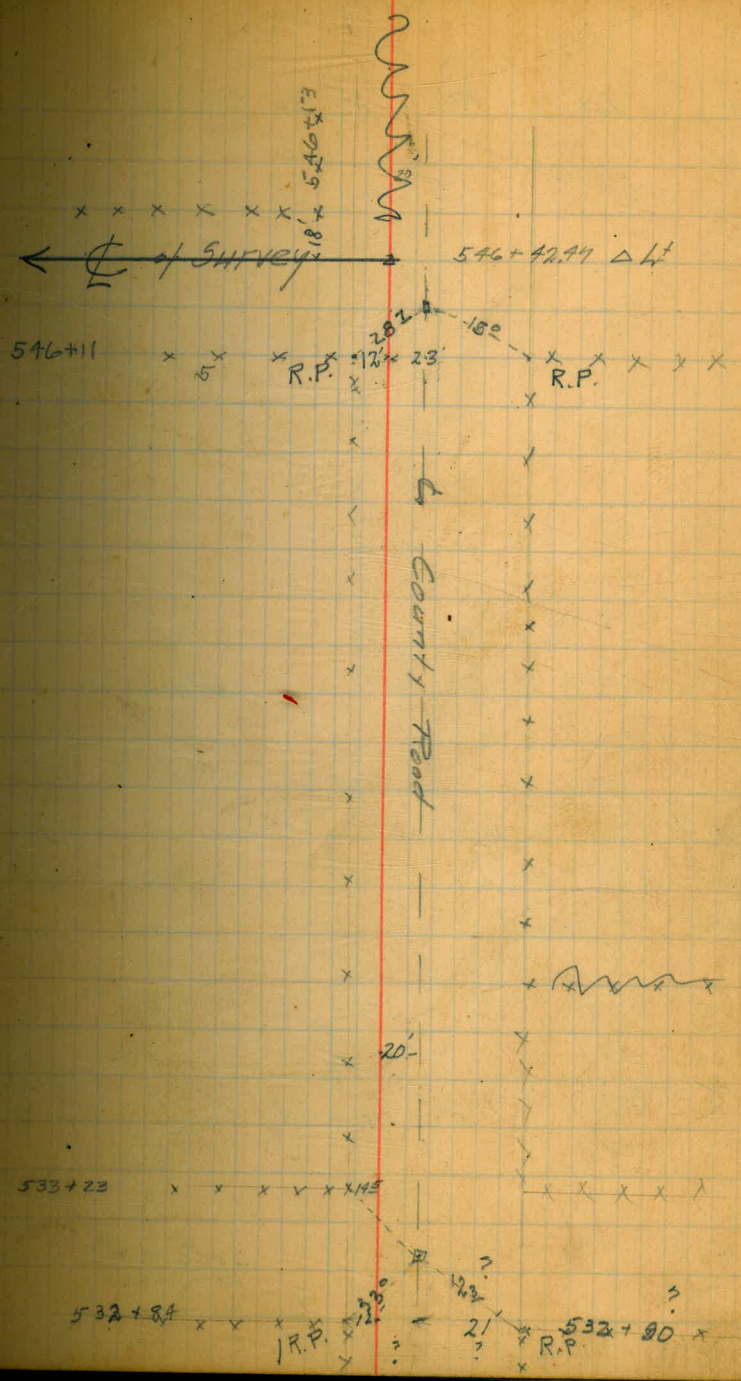
90-03
180-16

~~N89°23'50"W~~
~~N89°53'06"W~~
 N89°53'29"W

533+02 26 0°02'

N89°51'29"W
 N89°51'06"W
 N88°21'56"W

0-02
0-04



P' Line

27

Sta Lt Rt M. Br Calc B.

585+86 ⁸²

90°-11'-30"

30-11-30
180-23

N89°47'47" W
N89°47'24" W
~~N89°47'06" W~~
N88°20'26" W

589-30W

575+68 ¹⁸

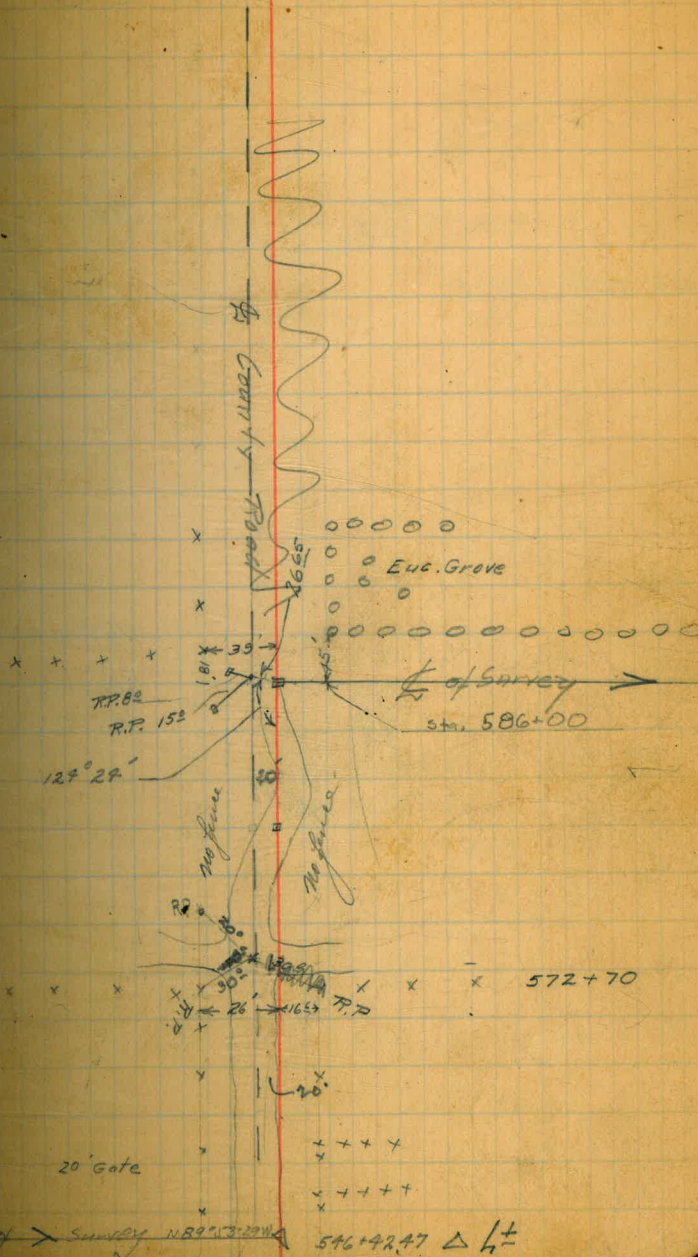
P.O.T.

500°01'29" E
~~58-01-06 E~~
51-28-07 W

572+77
572+51

252+50 20' Gate

Survey N89°13'20" W 546+42.47 Δ 4±



P' Line

Sta Lt RT M.B C.B

500°11'13" W

500°11'36" W

50°11'24" N

51°15' W 51°38'34" W

180-02
30-03

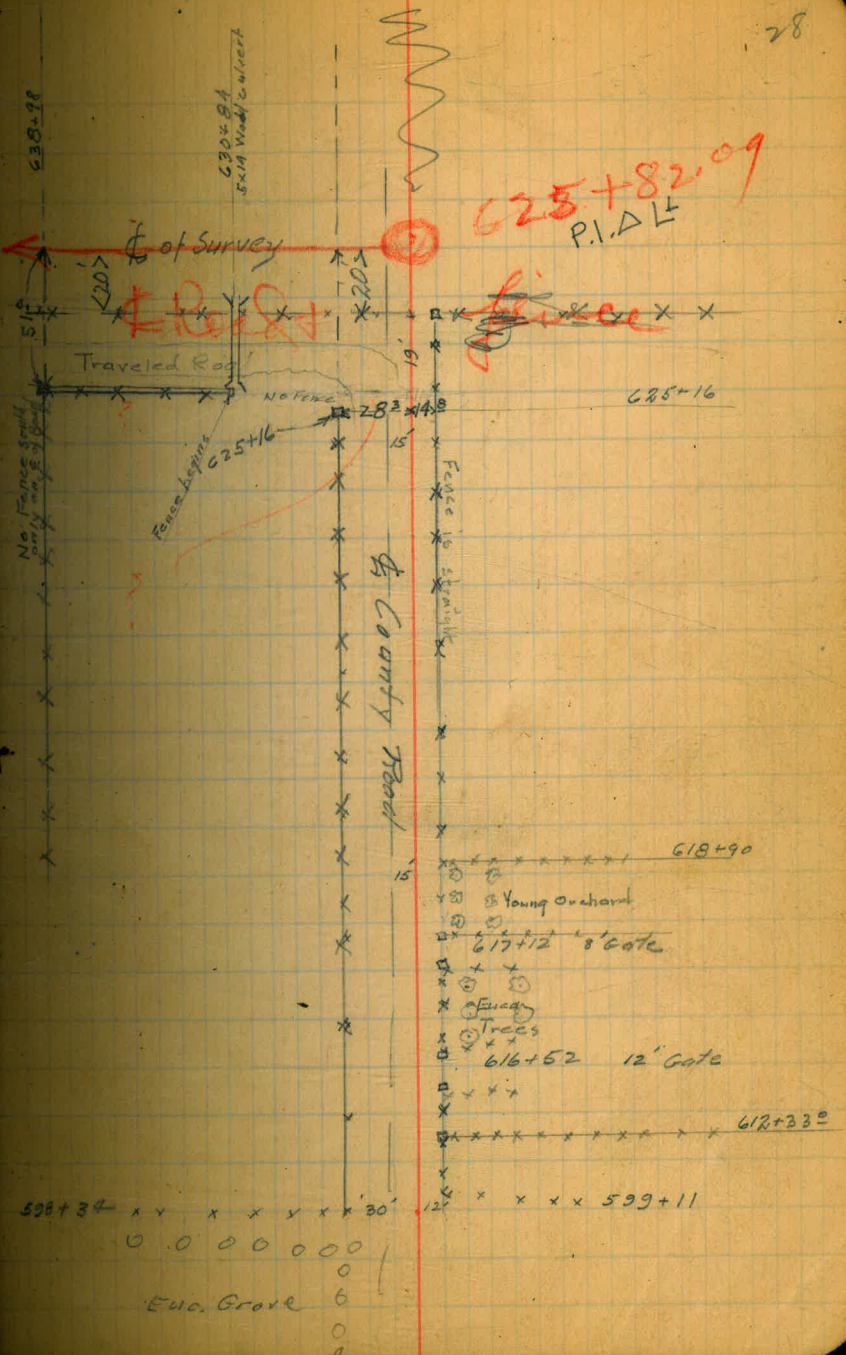
625+42.00 90°01'

N89°47'47" W

N89°47'24" W

N89°49'36" W

N89°20'26" W



630-98

630+84
5.114 W of C. Street

50

50

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

598+34

x x x x x x x x 30'

0 0 0 0 0 0 0

0

Euc. Grov 6

0

0

0

0

0

0

0

618+90

Young Orchard

617+12 8' Gate

Eucaly Trees

616+52 12' Gate

x x x x

x x x x

x x x x

x x x x x x x x x x

618+33

x x x x 599+11

12'

Sta Lt Rt

29

N89°34'17"W

N89°33'54"W

N89-24-06W

S89-00W ~~N89-06-58W~~

90-19-30

180-29

692+9863

90-19-30

S00°11'13"W

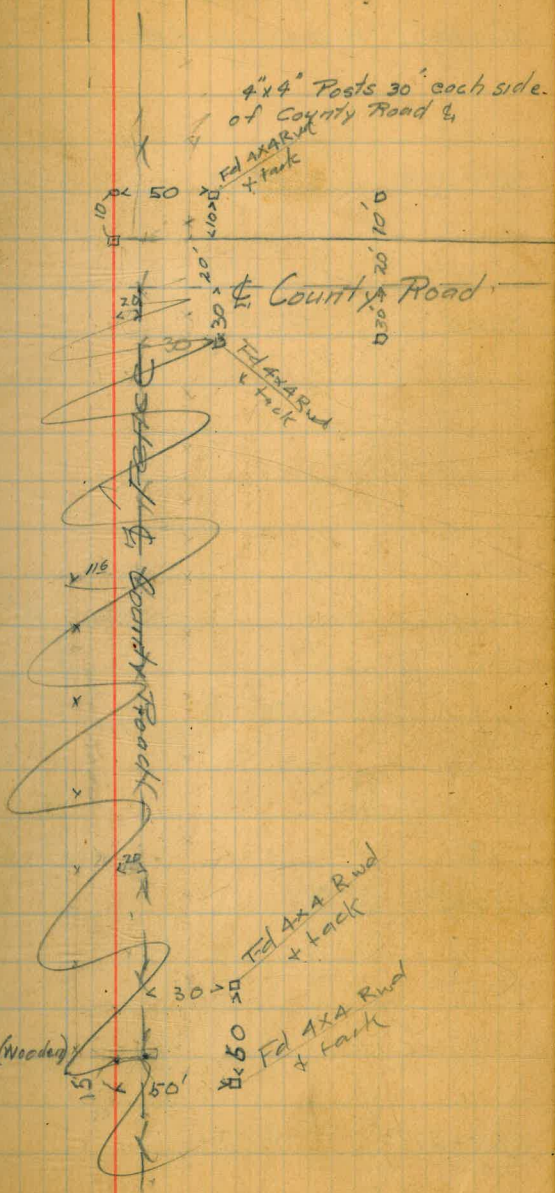
S00°11'36"W

S0°11-24-W

S133-34W

638+57

630+59 5'x14' Culvert (Wooden)



Sta	Lit	P' Line	M.B	C.B
-----	-----	---------	-----	-----

702+86.53 ^{End of P'}
Point on Ledge of Rock
#

701+50.00 P.O.T

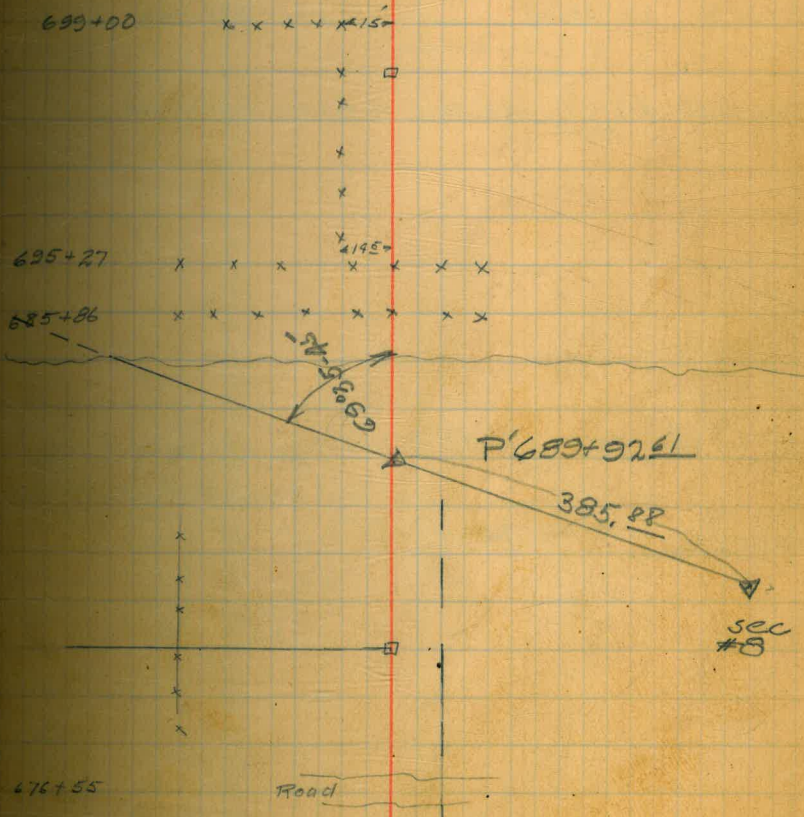
697+37.41 P.O.T

678+02.22 90°00

664+57.25 P.O.T

500°25'43"W
500°26'06"W
50°35'54"W
500°30'41"53-09"W

N89°34'17"W
N89°33'54"W
N89-24-06W
N88-06-56W
179 59 60
178 06-06
153-00



178-06-06
153-04

P'A line alternate line thru
Saddle
East of Hall Ranch house

Sta. L^t R^t M.B. C.B.
700+00.00 End of P'A Line

695+43.18 58°52'30" S 08°30'W 510-42-06W 117-45-00

689+32.86 63°54'30" S 50°30'E S 48-1029E 127-43

686+30.66 P.O.T. 73°49' S 88°00'W S 89-93-09W 147-31

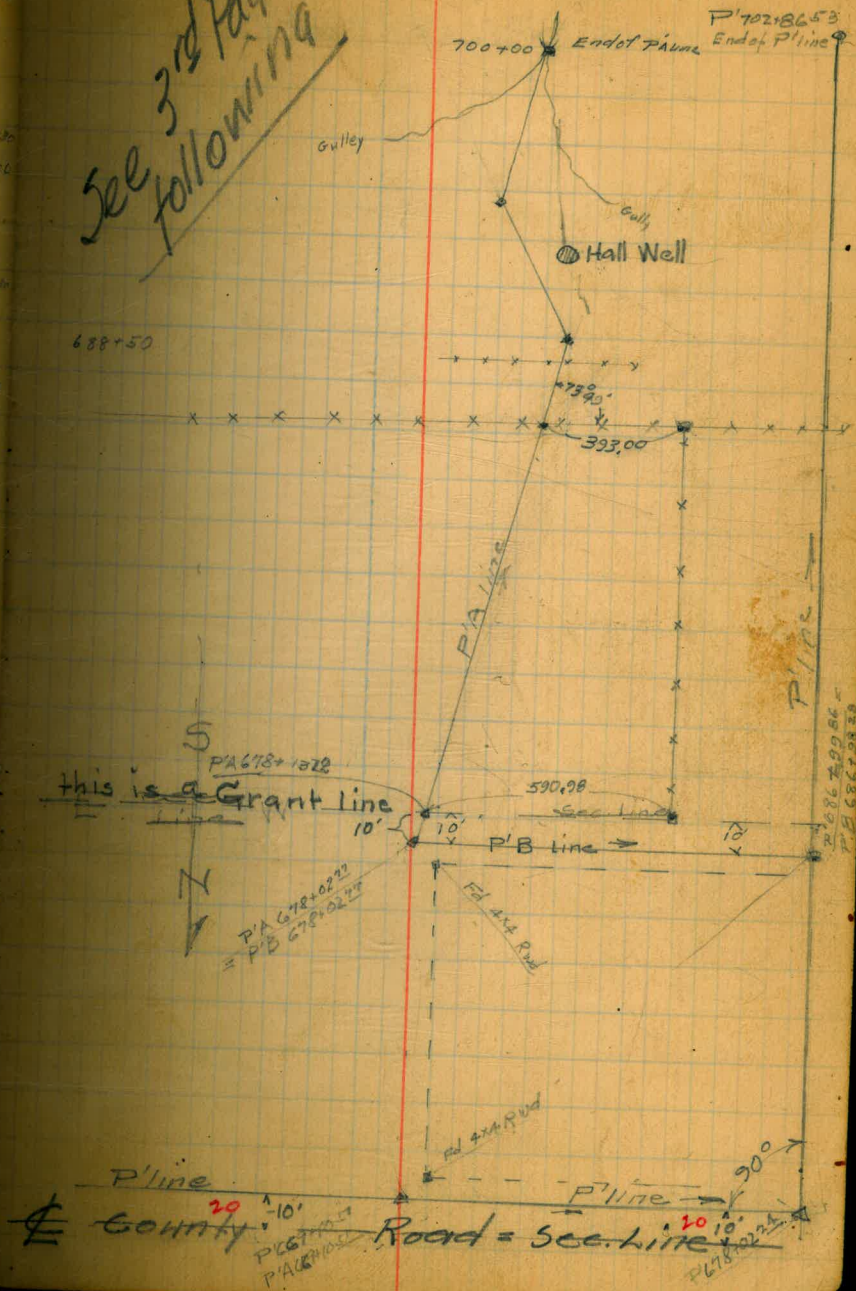
678+13.79 P.O.T. 75°49'30" S 81°45'W N 88-2676W 15-29

678+02.77 14°05'30" S 82°41'W S 15-44-01W

669+10.51 = P'A 90°14'30"
669+10.51 P'

5138-34W
N 88-06-56W

See 3rd Page following



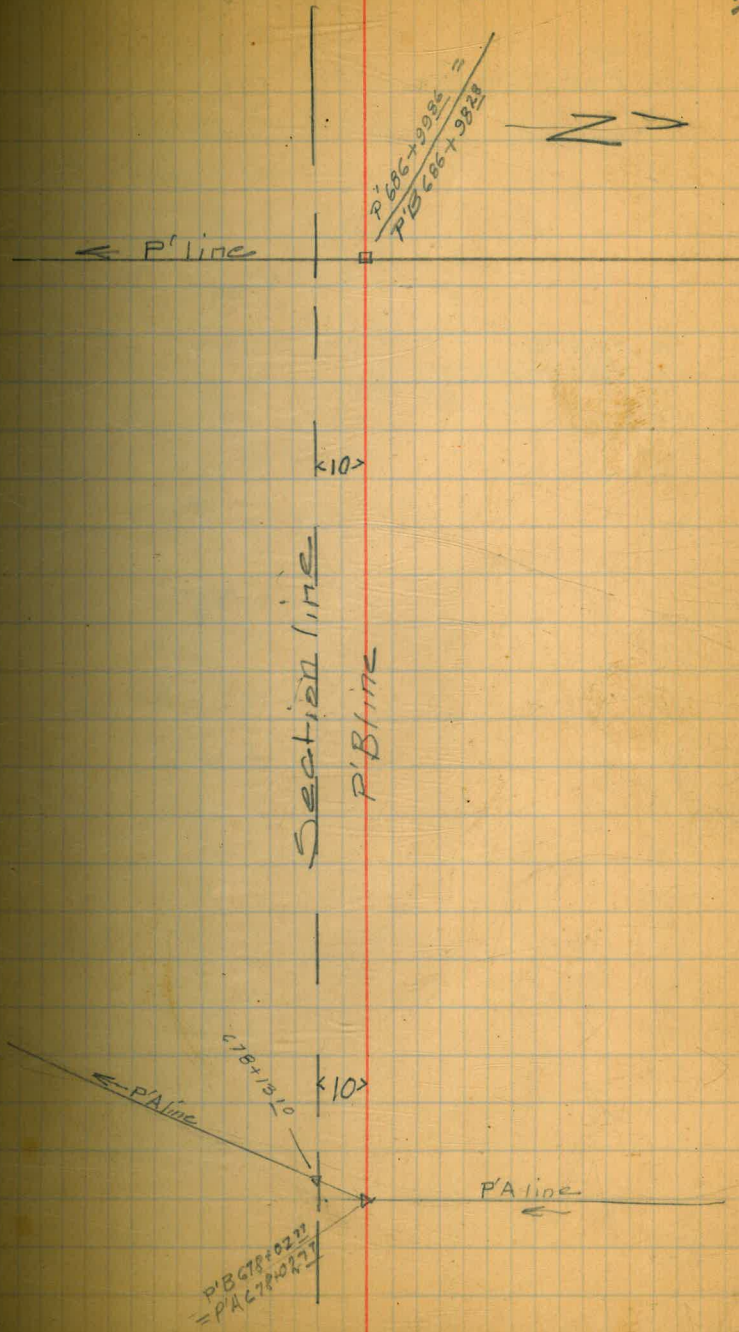
P'B line Alternate line
 Parralell to Section line
 from P'A 678+02.77 to P'6

678+02.77 P'B
 678+02.77 P'A

91°33-34

N88-26-26W

32



P'B 678+02.77
 = P'A 678+02.77

Tie to sec. 82-sec 83
to determine closure for Bearing

~~N 15° 44' 04" E~~
~~49-56-15~~
N 65° 41' 19" E

29-50-15
90-52-30

= N 67° 37' 46" W ¹³³⁻²³⁻³⁰
 ²⁵⁻⁴¹⁻¹⁹
N 67° 07' 46" W N 67° 42' 14" W
 ^{37 46}
diff. 00° 04' 25"

Property line ties P'line at Halls Ranch Saddle

P04
12-6-27

35
26.08
8.85.05
30
8.85.04

4.4 off Random line

P'A line
678 + 1372 = PI with Grant Line

591.71
302.20
590.98
484.89 ✓

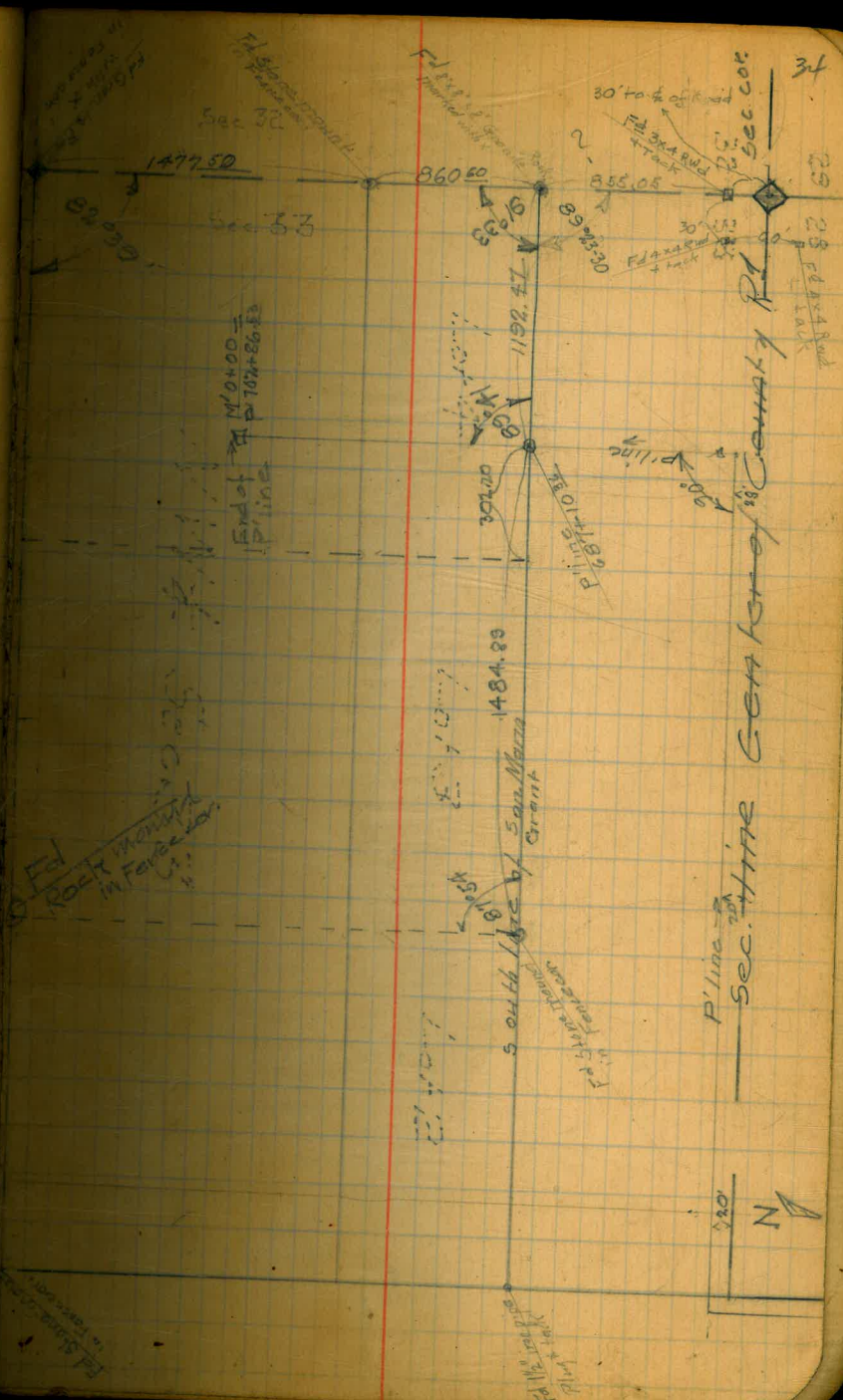
591.71
302.20
+ yesterday dist.

1477.52	0.04153
860.58	18.160000
2538.10	15.2286
	29314
	25381
	39330
	25381
	139490
	126905
	125850

2538.10

10.16

49.23
47.58
97.28
22.39



Rock mound
in fence line

280' N

