

137

FIELD BOOK

64

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
	0	99.98	1.75	100.00	0.44	100.00	0.87	99.99	
1	99.94	3.49	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.88	5.23	99.92	3.93	99.91	4.38	99.88	4.60	87
3	99.80	6.98	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	8.72	99.78	7.41	99.69	7.85	99.66	8.28	85
5	99.62	10.45	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	12.19	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	13.92	99.20	12.62	99.14	13.05	99.09	13.49	82
8	98.03	15.64	98.07	14.35	98.90	14.78	98.84	15.21	81
9	98.77	17.36	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48		98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.89	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.62	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.68	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.40	51.89	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.43	83.83	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.49	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		

1 Ice House Canyon Rd.

Page 1-8 alignment - 00 - 32+38 ^{Continued on page 14}
8-12 Levels 0+00 - 33+72
12-14 Topography 0+00 - 32+00
14-46 alignment 32+38 - 230+67
changed later from 204+65 on

Page 47 Resurvey of Ice House Canyon Rd
from STA 32+38 - 41+89.10

48-49 Levels 33+72 - 41+82
49-54 Ties to Corners
54-55 Levels 164+56.58 - 180+90

68 Ties to Corners

2.

 $\Delta L \quad \Delta R$

Globe - Ice House Cn + Russell Gulch

Febr. 17 - 19

See book 52 -
and map. 140.g.m.
J. G. Mc Donald
Wm Devore
Charles Thomas

5.23° 07' E

11 + 82 Δ P.I. R. 13° 00'

11

 Δ 13° 00'

10

6° 30'

P.I. 11 + 82

9

S.T. 32.8

B.C. 11 + 49.2

8

L.O.C. 65.

E.C. 12 + 17.2

7

6

5

4

5.36° 07' E

3 + 45

R. 13° 50'

Sta 3

1 + 00

5.49° 57' E

0 + 00

5.63° 6' magnetic



~~18+75~~
~~19+62.25 E.C.~~

~~19+00~~

~~18+50~~

~~18+00~~

~~17+50~~

~~17+00~~

17

16+82 B.C. 10° R.

16

~~15+67.67~~

15+67.67 E.C.

15

15+50

15+25

14+99.06 P.I. 44° 00' L

14+21 B.C. 30° L.

14

13

12+4.2 E.C.

12

$\Delta 29^{\circ} 00' R$

D. 10°

18+30.37 P.I.

1.4837 S.T.

16+82.00 B.C.

280.25 L.C.

19+62.25 E.C.

$\Delta 44^{\circ} L$

D. 30°

14+99.06 P.I.

S.T. 78.06

14+21.00 B.C. 30° R.

146.67 L.C.

15+67.67 E.C.

4

23+02. BC.

23

22+50

22

21+16.81

21

20+42 BS. 20° R.

20

A 16° 00' R.

D. 20°

20+82.46 RI.

40 46 S.T.

20+42.00 BC.

74 81 LOC.

21+16.81 EG.

5

ZR

LL

16+86.58 BC 10° R

16+50

16

15+70.49 E.C. 22°

+50 18° 55'

+25 15° 10'

15 11° 25'

+75 7° 40'

14+50 3° 55'

14+23.82 BC 44° L

14

13

12+14.36 EC

12

567° 07' E

Δ 44° 00' L

D. 30° L

15+100.99 P.L.

77.17 S.T.

14+23.82 BC

146.67 LOC

15+70.49

Feb 15-19

J. Milton
D. McKeown
J. Thomas
W. Davidson

6

23+29.34 BC L

522°07'E

23

Δ 16°

D 20° R

22+50

PI 20+96.39

S.T. 40.26

22+00

BC 20+56.13

L.O.C. 80.00

21+36.13 E.C. 1°00'

E.C. 21+36.13

21

4°23'

20+56.13 BC 16° R

538°07'E

20

Δ 29°00' Rt.

D 10° R

19+76.58 E.C. 14°36'

PI 18+34.77

S.T. 1+48.19

19+50 13°10¹/₄ B

BC. 16+86.58

19

10°40¹/₄

L.O.C. 290.00

E.C. 19.76.58

18+50

8°10¹/₄

18

5°40¹/₄

17+50

3°10¹/₄

17+0

0°40¹/₂

16+86.58 BC. 129° R

276.5

7

31

30

29

28

27

26

25

24+27.28. EC 14°41½'

S 51°30' E

24 10°36'

△ 29°23'

23+75 6°51'

~~D~~ 30°

P.I. 23+79.42

23+50 3°06'

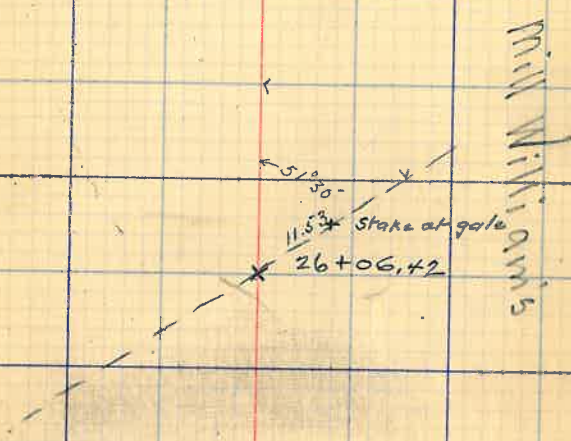
ST 50.07

B.C. 23+29.34

23+29.24 B.C. 29°23' L

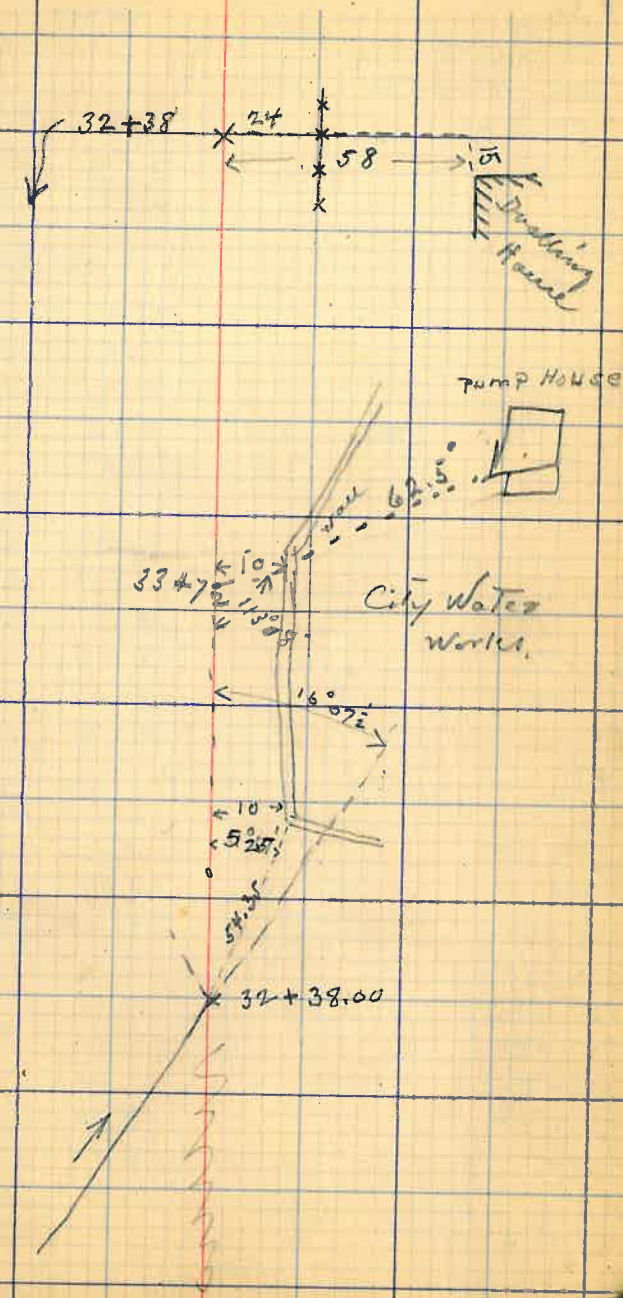
L of C 97.94

EC 24+27.28



Continue on page 14

32+38.0	PI	S51°30'E
32		860.80



9 Levels - Ice-House Canyon

B.M.	0+00			3528.00
B.M.	0+00	7.20	3532.20	
	0+00			8.32 3523.88
1	+00			6.95 3525.26
2				6.85 3526.15
3				5.35 3526.85
3	+45			5.30 3526.90
4	+00			4.05 3528.15
5				3.90 3528.40
6				2.60 3529.60
7	T.P.	9.20		0.72 3531.40
T.P.	9.20	3540.68		
8				2.05 3532.63
9				6.85 3533.83
10				6.00 3534.48
11				4.55 3536.18
11	+82			3.30 3537.38
13	+10			1.50 3539.18
13	+50			0.24 3540.44
T.P.	7.30	3547.74		
14				5.32 3542.42
14	+24			4.70 3542.94
14	+50			3.50 3542.24
14	+60			7.40 3540.34
14	+85			7.55 3540.19
15				4.40 3543.34
15	+13			3.30 3544.44
15	+25			3.50 3544.24
15	+50			4.70 3543.64
15	+70			4.00 3543.74
16				4.00 3543.74
16	+50			4. 3543.74

Feb 17-19
J. A. McInnery
Chas. Thomas

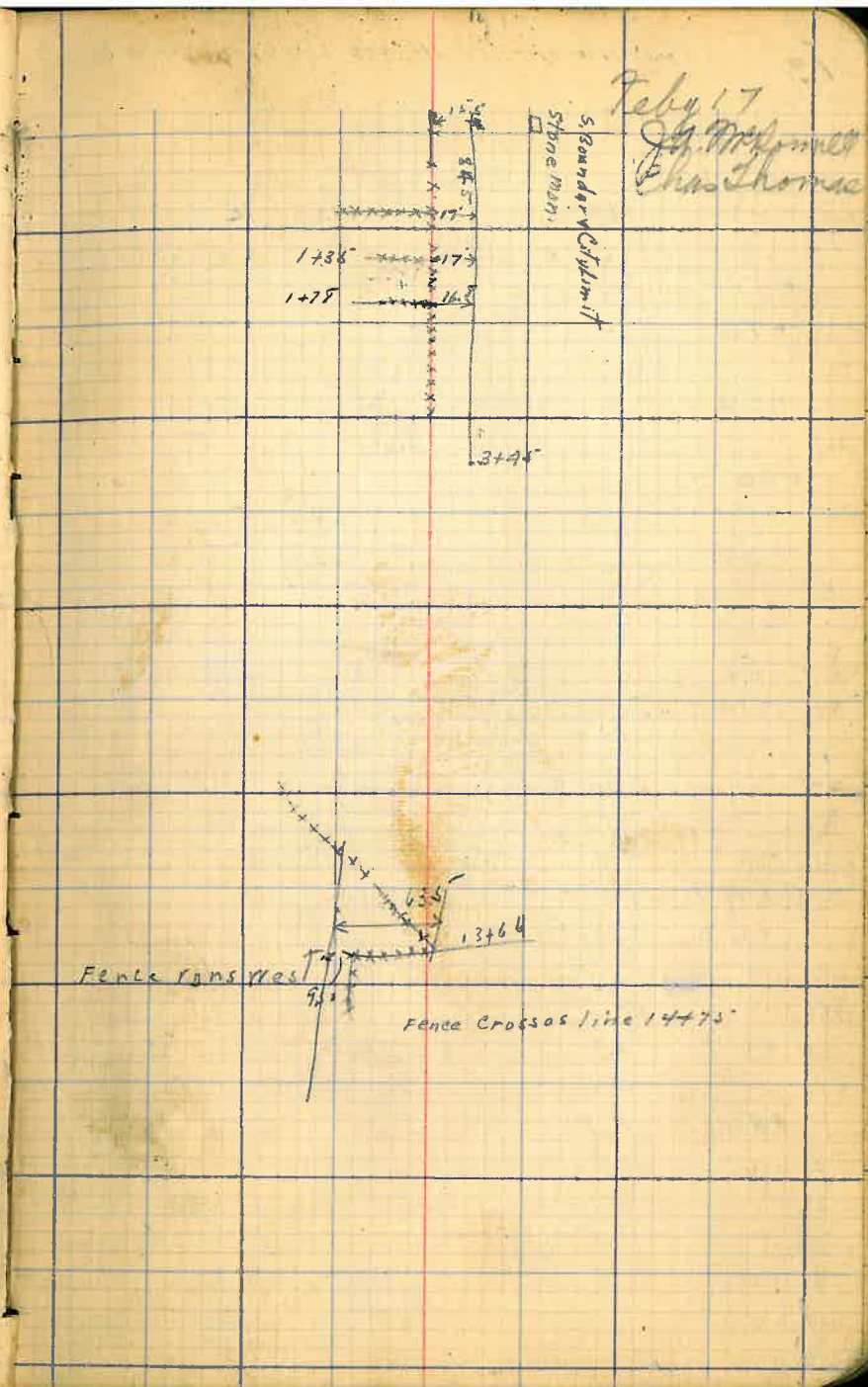
10

③ Levels Ice-House Canyon Road

16 + 86			4.80	3542.94
17			4.40	3543.34
+50			4.30	3542.04
T.P.	11.95	3555.39		
18			10.91	3544.48
18 + 50			7.61	3547.78
18 + 75			3.60	3551.73
+95			1.10	3554.29
T.P.	5.74	3560.03		
19 + 25			3.30	3556.73
+50			5.90	3554.13
+76			9.43	3550.60
20 -			12.24	3547.79
+20			16.50	3543.53
+35			9.90	3550.13
+56			8.10	3551.93
+80			8.55	3551.48
T.P.	8.35	3559.73		
90			7.70	3552.13
21			7.30	3552.53
+10			6.50	3553.33
+20			5.70	3554.13
+36			5.50	3554.33
46			4.30	3555.53
60			3.80	3556.03
70			3.80	3556.03
80			3.20	3556.63
90			2.40	3557.43
22			3.20	3556.63

22 +10			2.80	355703
20			2.70	355713
30			3.00	355683
40			5.40	355443
50			5.50	355433
60			4.90	355493
70			4.70	355563
80			4.50	355533
90			3.30	355653 ✓
23			2.20	355763
+ 29			3.40	355643 ✓
40			5.20	355463
50			6.10	355373
60			6.70	355313
75			8.73	355110
85			10.85	354898
24 +00			11.70	354813
T.P.	10.26	3558.39	9.10	
25			9.10	354929
26			7.83	355054
27			7.70	355069 ✓
28			5.60	355279 ✓
29			4.50	355389 ✓
30			3.50	355489 ✓
31			2.30	355609 ✓
32			1.70	355669 ✓
33			0.50	355789 ✓
TP	9.75	3562.64		
33 +72			3.92	355872 ✓

		West of Center	
0 + 00	- Fence	15.5'	W
1 + 84.5	- Fence Intersection	17.0	
1 + 35	"	17	
1 + 78.5	"	18.1	
3.	Fence	18	
3 + 45	"	21.2	
4	"	19.50	
4 + 57.50	F.I.	20.0	
5	Fence	20.3	
5 + 80	F.I.	20.0	
7	Fence	20.5	
7 + 49	F.I.	20.5	
8 + 72	F.I.	20.5	
8 + 83	Fence	20.5	
8 + 89.5	"	25.4	
10 + 01	F.I.	22.0	
10 + 67.2	F.I.	20	
11 + 82	Fence	19.5	
11 + 95	"	15.2	
12 + 22.70	"	9.50	
13 + 66	" Cor.	9.50	
13 + 66	Fence	63.5	
14 + 75	"	8.5	
15	"		E 5.5
15 + 23	"		13.5
15 + 40	F.I.		16.3
15 + 50	Fence		16.5
17	Fence		2.2
+ 35	"		1.5
18	"		3.5



18 +50	Fence		E 8.5
19	"		18.0
+50	"		15
+76	"		14.0
20	"		12
+56	"		14
21	"		12
+36			9.6
22-			9.2
+50			10.2
23			9.0
+29			6.5
+50			0.5
+75		W 10'	
+90	FI	21'	
24	Fence	12	
25+86	FI	8.5	
26+50	FI	11.5	
29+47	FI	14	
+62	Fence	(crosses) 0.00	
+70	" Cor.		E 6'
30	"		2'
30+67	FI	W 12	
31	Fence	W 12	
+40	F.I.		
32	F.I.	25	



14 Ice-House Canyon Road

AT FS Δ R Δ L

35+71

36+22.0

37+22.0

cont - p. 15

41+89.10

See Page 47

41+89.10

S. 33° 34' E
200.50

39+88.6 L 48° 59'

S. 15° 25' W
284.30

37+04.30 R 28° 29'

S. 13° 03' E
171.70

36+82.6 R. 23° 37'

S. 36° 40' E
161.60

33+71 R 31° 08'

S. 67° 48' E
133.0

32+38.

L. 16° 18'

from page 8.

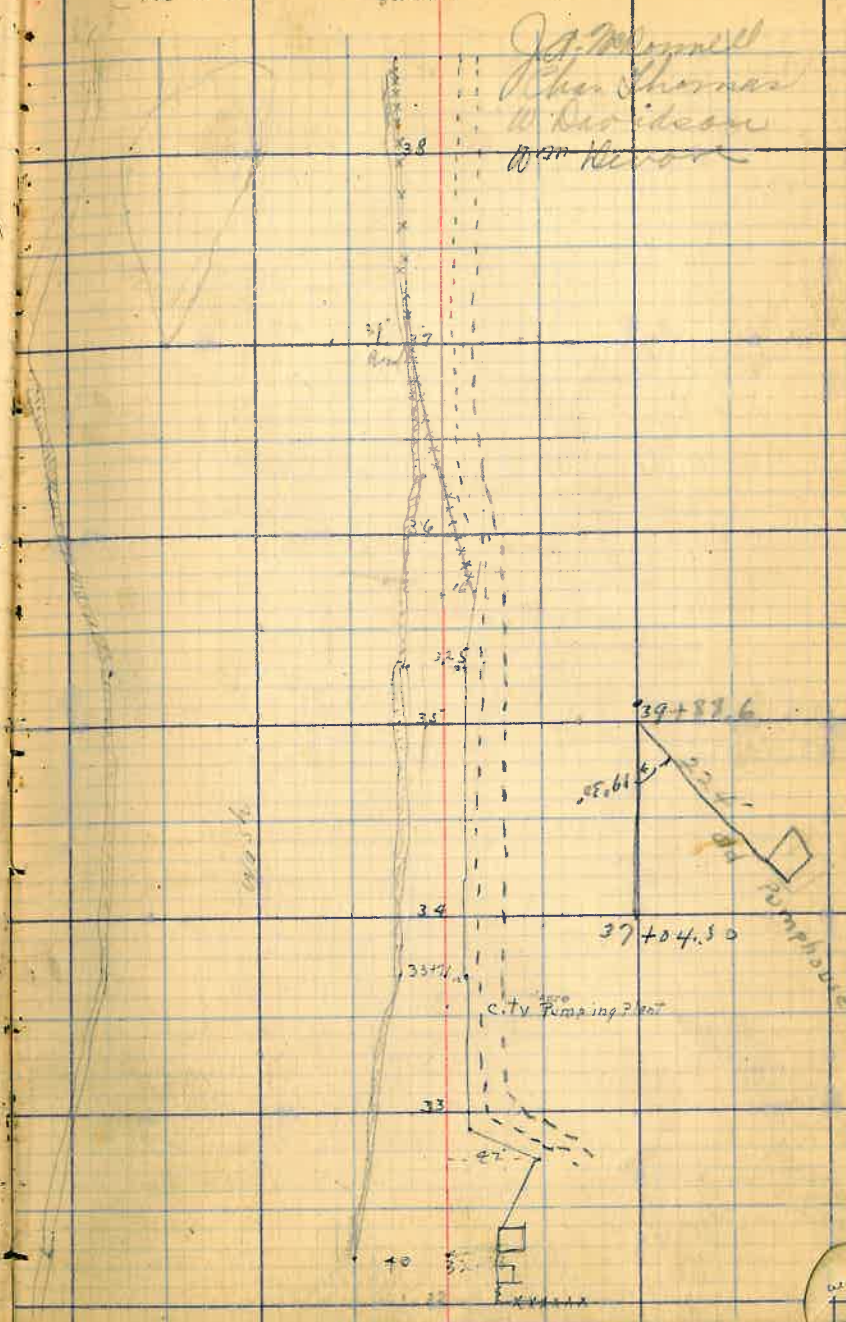
S. 57° 30' E

Pachymera

35+71
36+22
37+22
1.0 1.0 6

32+91

J. A. McNeill
Peter Thomas
W. Davidson
W. H. K. K. K.



15

Location

42

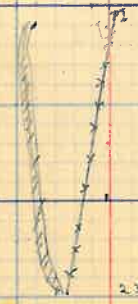
41

40

39

8

Wash



23

16

48+06.2 $\angle 28^{\circ} 43'$
48

570+25.4

$\Delta L 28^{\circ} 43'$

$C = 12^{\circ} 00'$

PI. 48+06.2

ST 1 22.20

B.C. 46+84.0

L.C. 2739.3

EC 49+23.3

R 477

EXT 15.4

P.O.C. 48+03.6

47

45

44

43

42

41

40

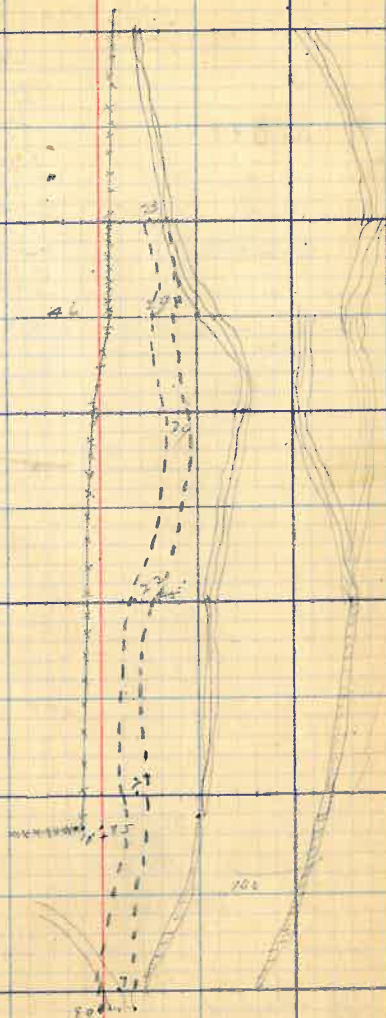
$533^{\circ} 53' W$

$6.19^{\circ} 20' W$

617.10

41+89.10 R. 67' 29"

Loc.



19

65

63+67.8 from E.
 P.I. = 63+66.0 to W.
 S16°16'W
 214.26

64

19.20'
 63+67.8 Δ L20°19'
 Δ L19°20'
 D 20°
 PI 63+67.80
 ST 48.80
 BC 63+19.00
 LC 196.66
 EC 64+15.06

63

Ext 4.2

62

S36°35'W
 S35°36'W
 S.68°01'W
 307.89

61

mk
 60+40.00 L19°20'

60

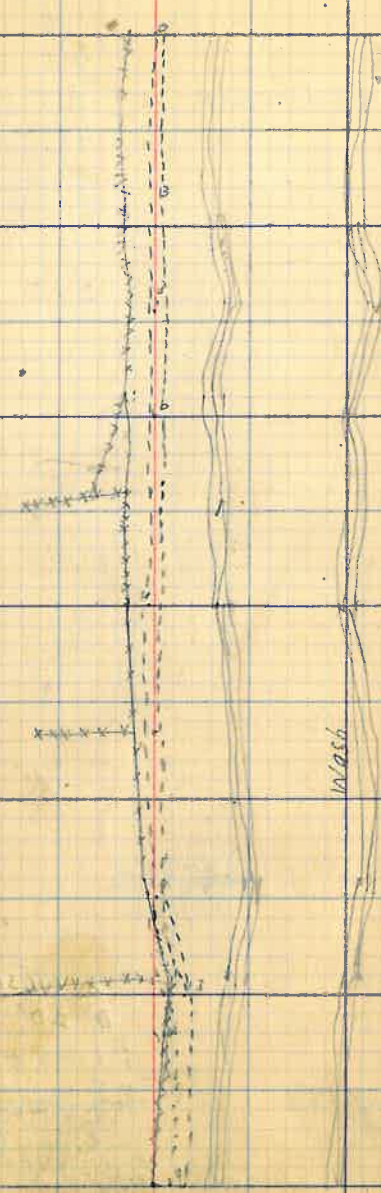
Δ19°20'
 D 20°
 PI 60+40.00
 ST 48.80
 BC 59+91.20
 LC 196.66
 C 60+87.86
 Ex. 4.2

59

S02°W

59+91.2
 60+87.8
 120+79.0
 60+89.1

S22°W



20

+84.52

$\frac{8690.19}{359.00}$

$\Delta 33^{\circ}33'$

71

K

D 25°

PI 70+67.90

+67.90

PI. R3333'

ST 69.18

BC 69+98.80

L.C. 1+34.2

EC 71+33.00

70

EXT 10.20

69

68

67

$\frac{535^{\circ}46'W}{489.66}$

66

$\Delta 19^{\circ}30'$

D 20°

PI 65+79.20

65+79.2

R1930'

ST 49.23

BC 65+24.97

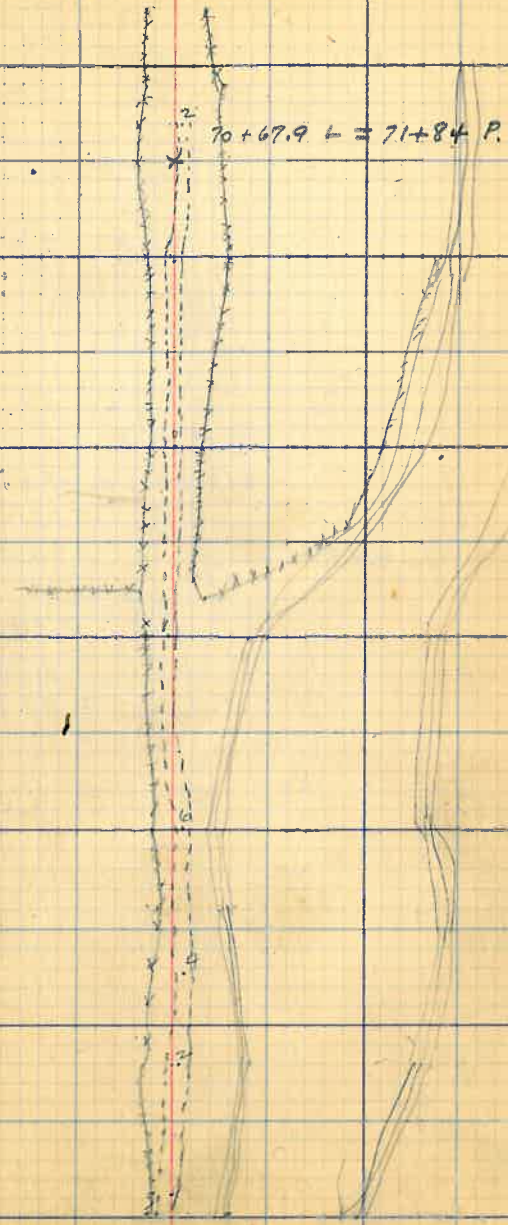
L.C. 97.30

E.C. 66+27.47

65

555W

70+67.9 L = 71+84 P.



21

$S 7^{\circ} 46' W \Delta 17' 26'$
 $77+27.6 \text{ TL } \angle 17^{\circ} 26' \text{ B } 13.2 \text{ D } 33^{\circ}$
 77
 PI. $77+27.6$
 ST 26.6
 BC. $77+61.0$
 LC. 52.8
 EC. $77+53.8$
 76
 EXT $2.03'$

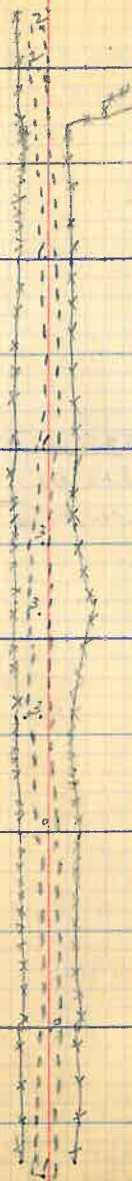
75

$S 25^{\circ} 12' W$
 $310.60 \Delta 44^{\circ} 07'$
 $74+22.9 \text{ L } 44^{\circ} 07' \text{ D } 38^{\circ}$
 74
 PI. $74+22.9$
 ST 61.0
 BC. $73+61.9$
 LC. 116.1
 EC. $74+79.0$
 73
 EXT 11.9

72

71

S 6° 30' E



22

73

568°57'W

263.0

$\Delta 28^{\circ}33'$

D 23°

82+66.5

R 27°33'

PI 82.60.5

ST 6 63.4

72

BC 81+97.1

LC 1 24.7

EC 93+21.8

EXT 7.9

81

535°24'W

228.35'

$\Delta 27^{\circ}38'$

D 17°

80+40.4

R 27°38'

PI 80+40.4

80

ST 82.9

BC 79+57.5

LC 1 62.55

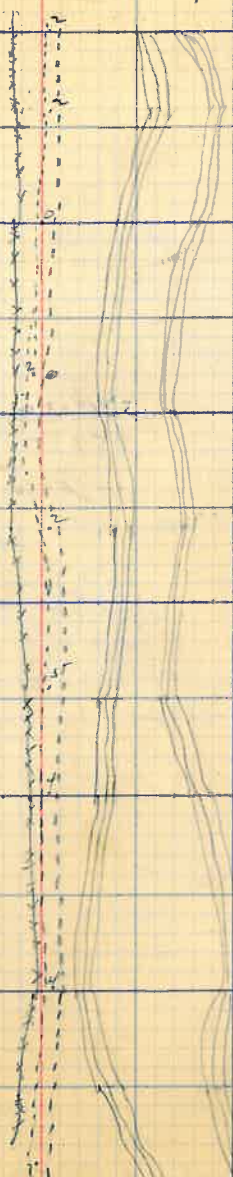
EC 81+20.00

79

EXT 10.25

78

77+27.6



23

99

88

77

S31°03'W
859.32

Δ 18°20'
D 19°0'
P.I. 86+73.5
ST 48.6
BC 86+24.84
LC 96.50
E.C. 87+21.34

86+73.5 L15°20'

86

S49°23'W
252.6

EXT 3.9 POC 86+73.5

85
10°

85+21.4 L14°34'

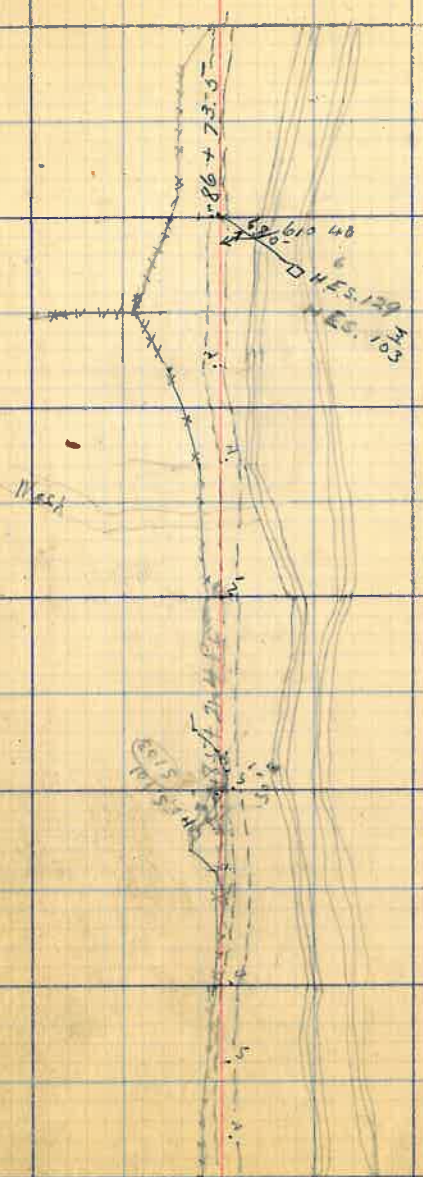
Δ 14°34'
D 15°
P.I. 85+21.4
S.T. 48.8
B.C. 84+72.6
L.C. 97.1
E.C. 85+69.7

85

84

EXT 3.1
POC

83



24

95

94

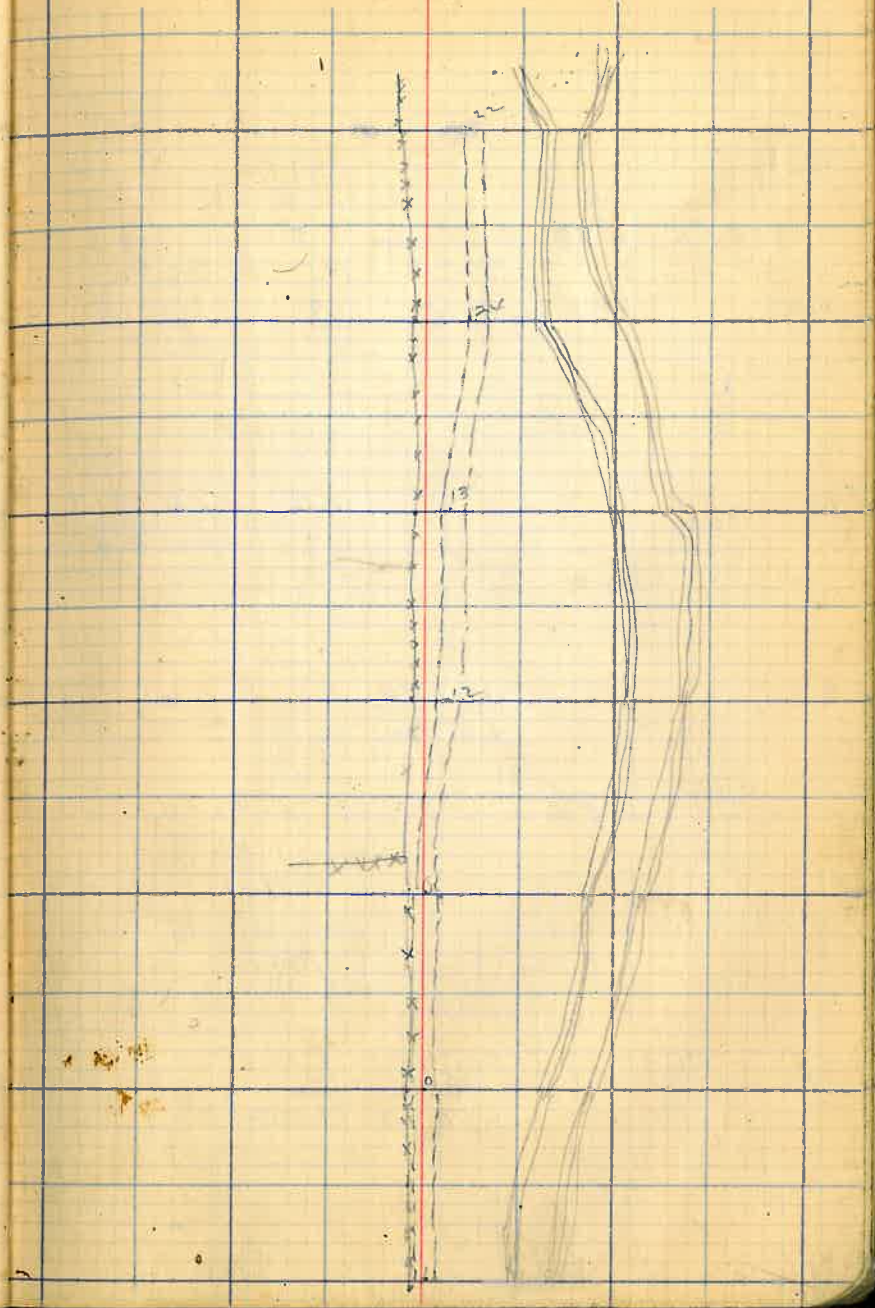
93

92

91

90

89



25

101+00 7°09'

+50

5°24'

+329 PI

L 19°

51°16'E

800.5'

Δ 19°

D 7°

PI 100+32.9

ST 1.37.0

B.C. 98+95.9

L.C. 2 71.4

E.C. 101+67.2

100

3°39'

99+50

1°54'

99

C.T. 11.4

P.O.C. 100+31.6

98+95.9

BC

98

S17°44'W

241.80

Δ 19°07'

D 27°

97+41.8

L 19°07'

PI 97+91.80

S.T. 35.76

B.C. 97+56.06

L.C. 70.80

E.C. 98+26.95

97

9

P.O.C. 97+91.40

E.T. 3.00

Δ 15.45'

96

S36°51'W

D 1°

259.80

P.I. 95+32.0

ST 2.90.3

B.C. 92+41.3

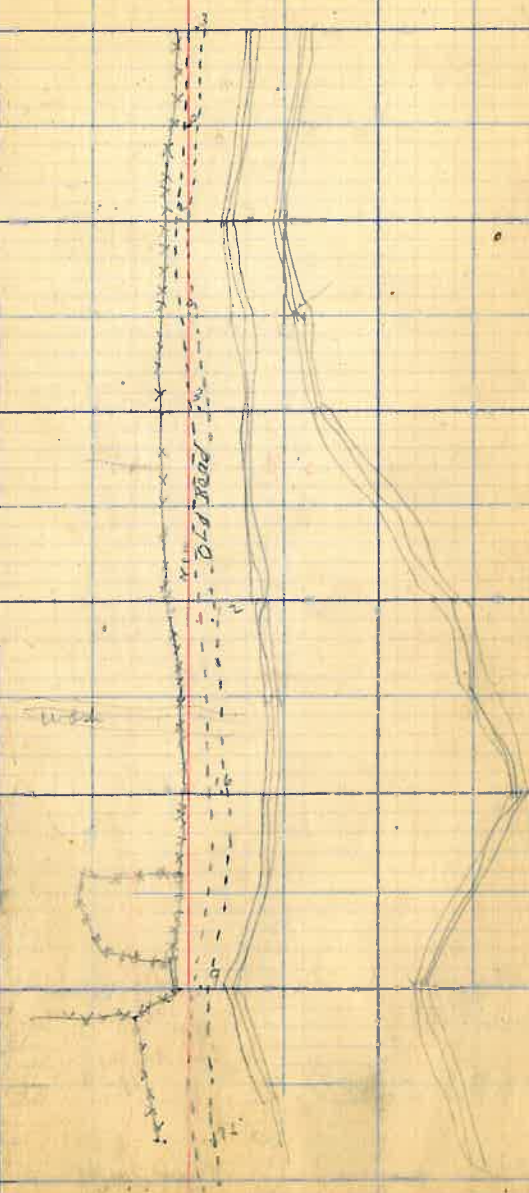
L.C. 5 80

E.C. 98+21.2

95+32

R 5°48'

95



26

107

106

105

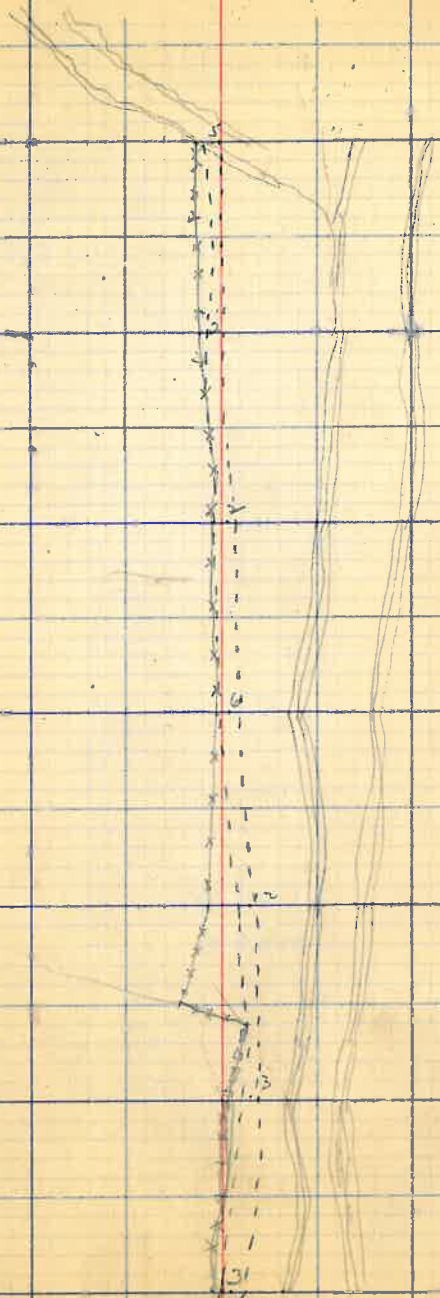
104

103

102

101+673 EC 90°30'

101



$\Delta 16^{\circ}30'$
 $+11.4 \quad \angle 16^{\circ}30' \quad \overline{54^{\circ}29'W} \quad D \ 10^{\circ}$
 $277.0 \text{ PI } 113+11.4$
 $\text{ST} \quad 83.$
 $\text{BC } 112+28.4$
 $\text{LC } 1.65$
 $\text{E.C. } 113+93.4$

112

EXT 6'

111

submerged
+42.6

110

1500

109

$\overline{52^{\circ}59'W}$

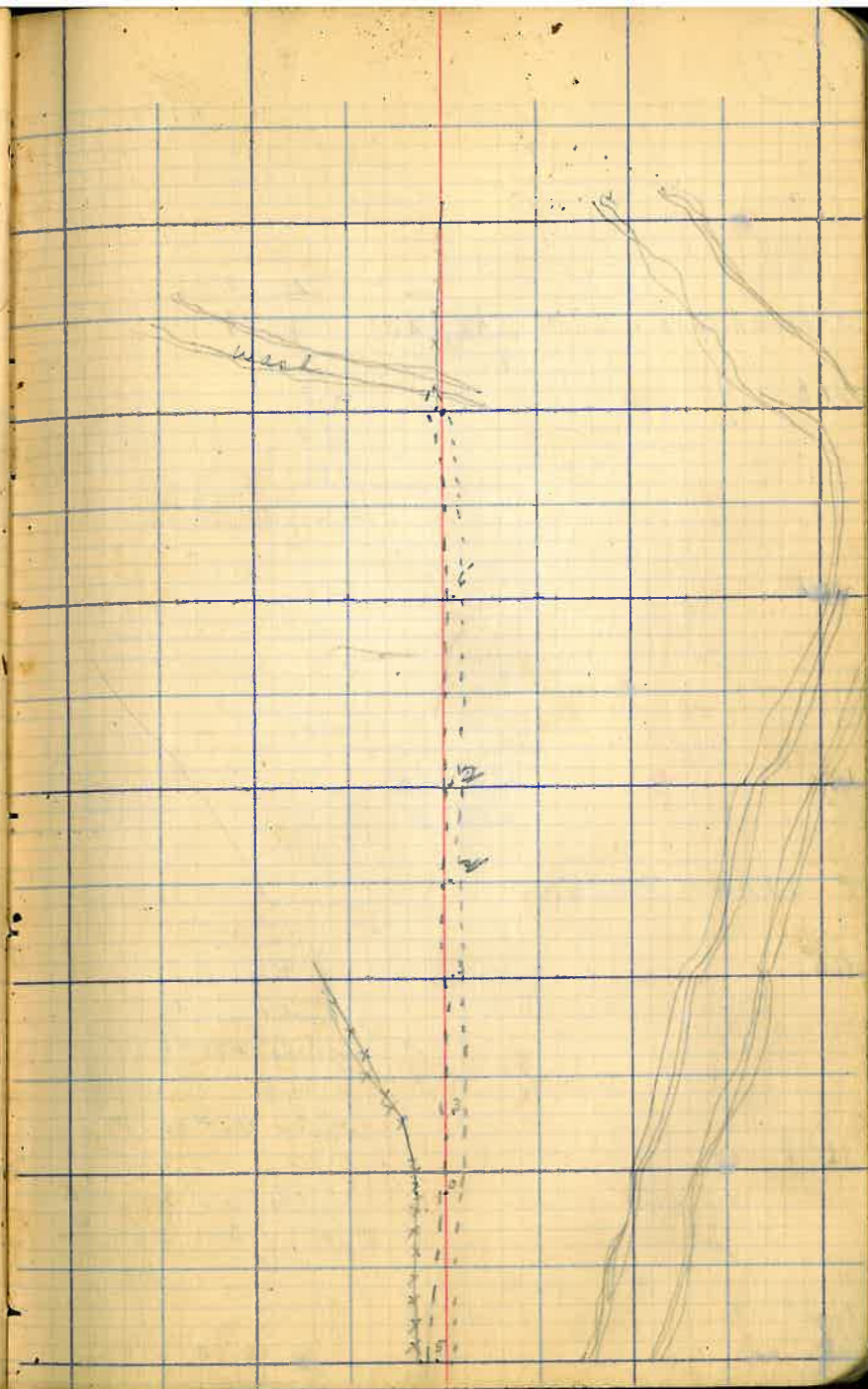
481.6

$+30.8 \quad \angle 22^{\circ}15'$

108

$\Delta 22^{\circ}15'$
 $D \ 27^{\circ}$
 $\text{PI } 108+30.8$
 $\text{ST} \quad 41.7$
 $\text{BC} \quad 107+89.1$
 $\text{LC} \quad 82.4$
 $\text{E.C. } 108+71.5$
 $\text{EXT} \ 4$
 $\text{P.C. } 108+30.8$

107



(27)

119

118+68.7 PI L 22°18'

S 16° 02' W

463.4

Δ 22°18'

D 14° L

PI 118+68.7

ST 80.9

BC 11789.0

LC 139.3

E.C. 11747.3

118

117

EXT 9.9

PI 119397

116

S 38° 00' W

288.6

117.4 B 33° 51'

Δ 33° 51'

D 43°

P.I. 115+87.4

ST 42.5

BC 115+46.9

LC 78.7

E.C. 116+25.6

115

114

EXT. 6.03

113+11.4

S 2° W

S 24° W

28

125

124

$\Delta 11^{\circ}43'$
 $D 10^{\circ}$
 123+30 PI $R 11^{\circ}43'$ $S 27^{\circ}41' W$ $591.2'$ $PI 125+30$

123

$ST 58.7$
 $BC 122+71.3$
 $LC 1+17.2$
 $EC 123+89.5$
 $EXT 3.1$
 $POC 123+29.9$

122

121

120

~~$\Delta 11^{\circ}43'$
 $D 10^{\circ}$
 $PI 123+30$
 $S.T. 58.7$
 $BC 122+71.3$
 $LC 1+17.2$
 $EC 123+89.5$~~

119

$S 14^{\circ} W$

DWELLING

$W 54^{\circ} 29'$

~~$EXT 3.1$
 $POC 123+29.9$~~

29

131

+84 Δ L 16° 09' 546° 19' W
256.55

Δ 16° 09'
D 20°
PI 130+84.0
ST 40.65
BC 130+93.5
LC 80.7
E.C. 131+27.10

130

+21 Δ R 34° 43' 562° 35' W
166.7

Δ 34° 43'
D 30° R
PI 129+21
ST 59.7
BC 128+61.3
LC 1+15.7
E.C. 129+77.0

129

EXT 9.1
P.O.C. 129+19.1

128

127

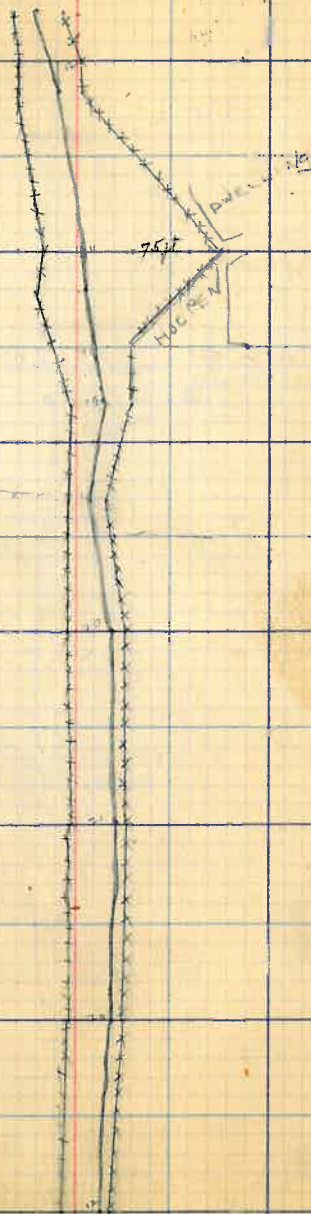
126

125

124

EXT. 7.5'
P.O.C. 130+83.72
551.30

549° W



30

137

136

+70 $\angle 12^\circ 47'$ $\overline{S 10^\circ 07' W}$ $\Delta 12^\circ 47'$
 290.55' D 10'

135

PI 135+70
 ST 64.19
 BC 135+05.81
 LC 1 27.83
 EC 136+33.64
 EXT 3.58
 P.O.C. 135+69.72

134

+40 $\angle 23^\circ 25'$ $\overline{S 22^\circ 54' W}$ $\Delta 23^\circ 25'$
 223.33 D 10'

133

PI 133+40
 ST 1 18.25
 BC 132+21.25
 LC 2 34.17
 EC 134+55.42

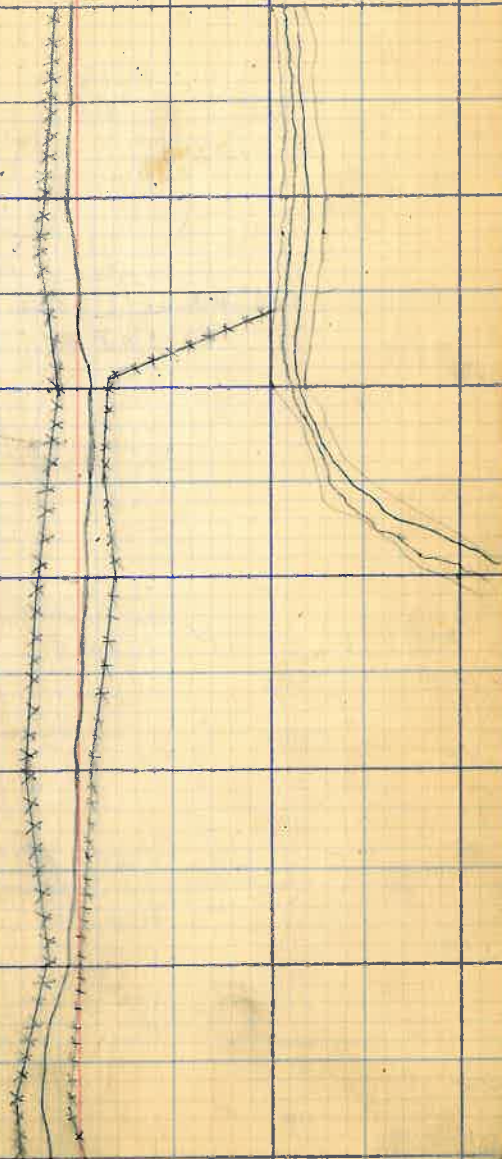
132

EXT 12.17
 P.O.C. 133+33.34

131

S 31°30'E

S 8°31'W



31

143

+95.3 R13°39' S1°20'E
170.5

142

+68 L16°44' S15°16'E
127.3 127.3

141

140

+89.7 PL R 9°43' S1°22'W
178.3

139

+60 L18°22' S8°15'E
130.76

138

Δ L18°22'
D 15°
PI 138+60.0
ST 61.75
BC 139+98.25
LP 1 22.44
EC 139+20.69

137

EXT 4.9
POC 138+59.47

S15°E

S 29°30'E

S 43°30'E

S 22°00'E



32

149

148

147

+ 91.5

L 16° 32' 308.50

S 8° 31' W

146

145

+ 65.60

R 26° 42' 229.5

S 25° 05' W

Δ 26° 42'

D 30 R

PI 144+65.60

ST 45.3

BE 144+20.3

LC 89

EC 145+09.3

EXT 53

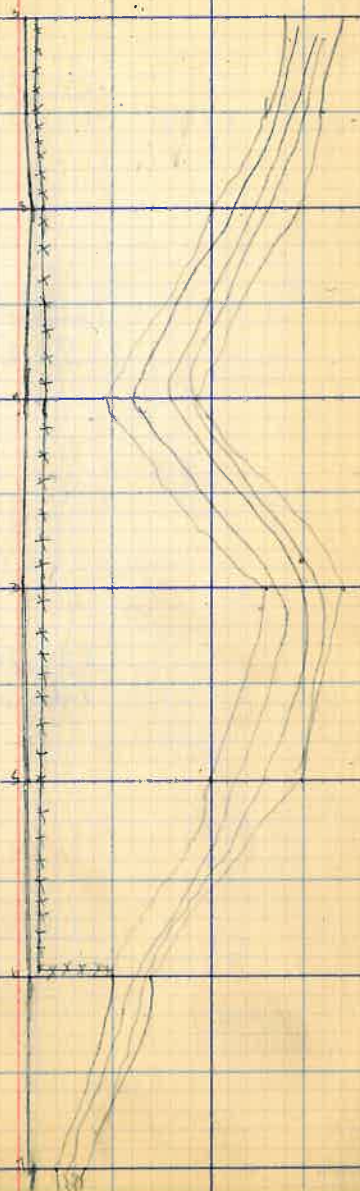
POC 144+64.8

144

143

S 40° 20' E

S 11° W



33

+46.6 R35°35' 521°55'W
219.78

Δ 35°35'
D 40°
P.I. 155+4660
S.T. 45.97
BC 155+00.63

155

+00.5 L6°31' 526°20'W
146.10

LC. 88.94
EC 155+88.59
EXT. 7.19
P.O.C. 155+46.11

154

+08 L4°54' 532°51'W
92.5

153

152

+64 R3°15' 537°45'W
144.0

151

150 R25°59' 534°30'W
167.10

Δ 25°59'
D 15°
P.I. 150.00
ST. 88.15
BC 149+11.85
LC. 1+73.20
EC 150+85.05
EXT. 10
P.O.C. 149+98.45

149

548°W

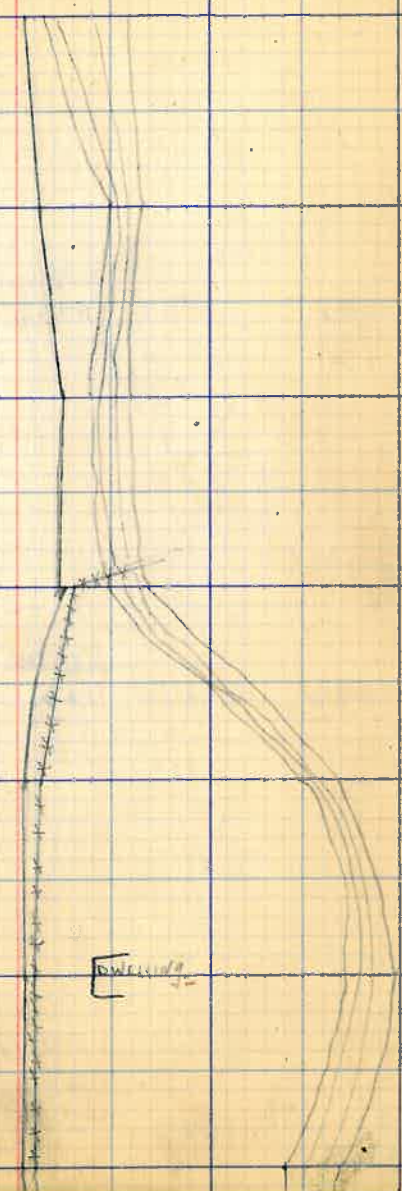
511°30'W

518°30'W

528°30'W

528°30'W

[Drawing]



34

162

160

		<u>545° 56' W</u>
+14.0	L 4° 29'	411.9

159

158

		<u>550° 25' W</u>
+58.4	L 11° 30'	155.60

157

156

155

161 m S. from station

532° W

536° W

35

+18.8

R 21°08'

S 19°49' W
86.69

Δ 21°08'

D 25°

P.I. 168 + 18.80

S.T. 42.76

R.C. 167 + 76.04

L.C. 84.53

E.C. 168 + 60.57

Ext 3.95

P.O.C. 168 + 18.13

168

167

+91.0

L 14°23'

S 1°19' E
127.8

166

165

+62

L 35°

S 13°04' W
231.84

Δ 35°00'

D 40°

P.I. 164 + 62.00

S.T. 45.17

R.C. 164 + 16.83

L.C. 87.50

E.C. 165 + 04.33

Ext 6.95

P.O.C. 164.60.58

164

163

162

163

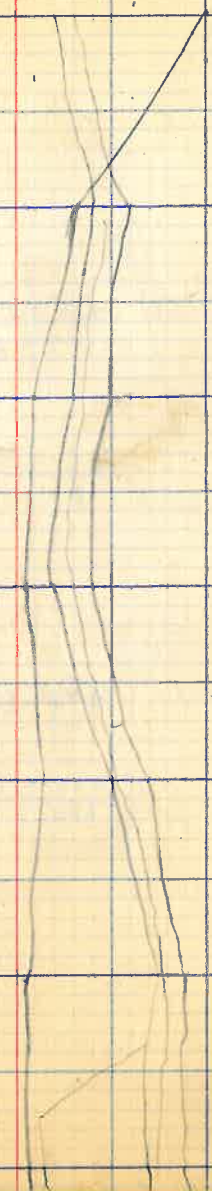
162

S 7°30' W

S 15° E

S 10° E

S 34° W



36

1 174

+68

L11003' $\frac{S16^{\circ}44'W}{529.0'}$

1 172

+79.0

L12026' $\frac{S27^{\circ}47'W}{89.0}$

1 171

+12.5

L14020' $\frac{S40^{\circ}13'W}{106.5}$

1 170

+04.50

R34044'R

 $\frac{S59^{\circ}33'W}{110.22}$ $\Delta 34^{\circ}44'$
D 50°P.I. 169+04.50
ST 35.84
BC 168+68.66
LC 69.46
EC 169+38.12

1 169-

EST 5.47
POC 169+03.39

1 168

S21°W

S12°W

S26°31'W

S38°31'W

37

1 180

+86

R50°

580.12W

254.18

Δ 50°

D 50

PI 179 +86.

ST 53.44

BC 179 +32.56

LC 1 +00

EC 180 +32.56

EM 11.84

POC 179 +82.56

1 179

1 178

+97

L36°32'

519°48 E

193.31

Δ 36°32'

D 30°

PI 177 +97.

ST 63.04

BC 177 +33.96

LC 1 21.79

EC 178 +55.78

1 177

1 176

Ext. 10.13

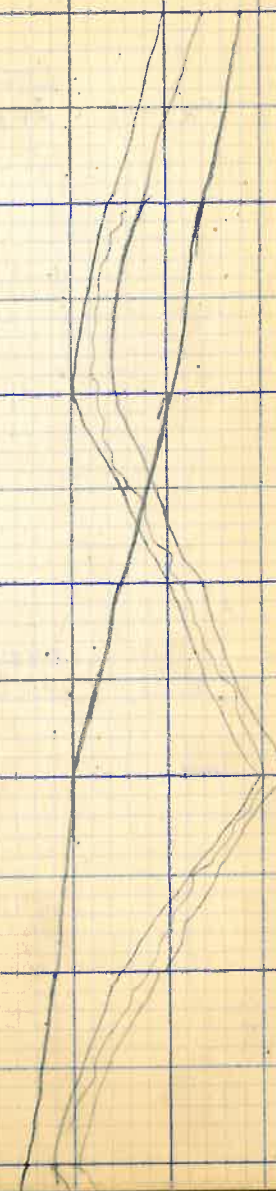
POC 177 +94.84

1 175

1 174

S16°W

S34°E



38

186

+70.7

R2°43'

S46°03'W

506.8

185

184

183

+33.3

R13°08'

S43°22'W

337.4

182

181

180

S32°W

S27°W

39

192

+64.8 R8°03' $\frac{S20°09'W}{258.4'}$

191 A

191

+77.5 L33°57'189.86' $\frac{S12°06'W \Delta 33°57' \text{ D } 40^\circ}{PI 190+77.5}$

190

ST. 43.73
RC 190+33.77
L.C. 84.90
EC 191+18.67

CYT 6.52

POE 190+76.22

189

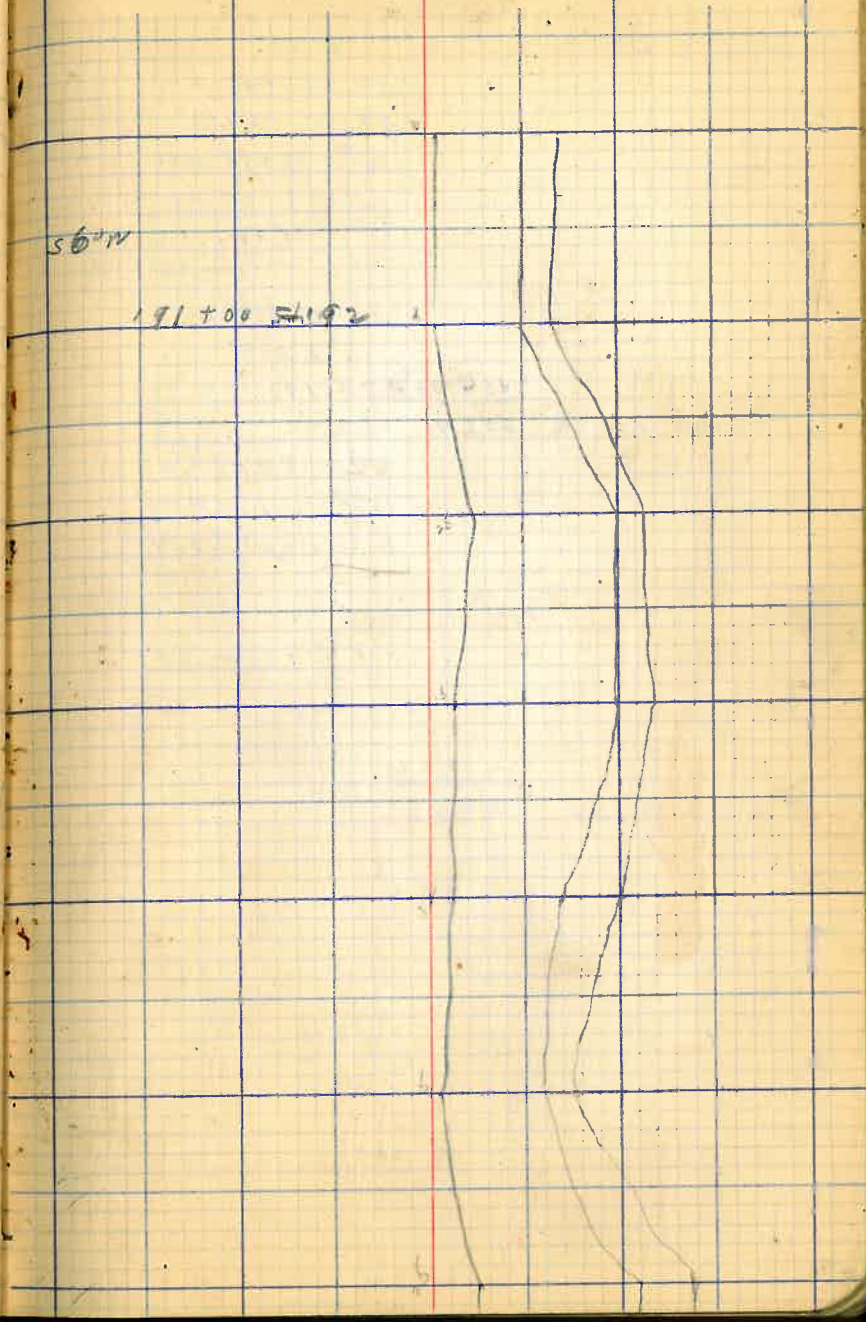
188

187

186

S6°W

191+00 S192



40

+31.1

L30°48'

S23°55'W Δ 30°48'

193.36 D 30°

PI 195+31.10

ST. 52.61

BC 197+78.49

LC 1 02.66

EC 198+81.15

Ext 7.11 - POC 195+24.83

198

197

Δ 31°12'

D 30°

+30.8

R31°12'

S54°43'W PI 196+30.80

202.96 ST. 53.33

BC 195+77.47

LC 1 04.00

EC 196+81.47

Ext 7.31

POC 196+29.47

196

195

+23.2

R3°22'

S23°31'W

207.60

194

193

192

S 9°30'W

S 49°20'W

S 9'W

Woods

0.6

41

+56'

R 3° 00'

538° 06' W

480.4

204

203

202

+68.7

L 9° 44'

535° 06' W

286.3

201

+21.9

R 20° 55'

544° 50' W

Δ 20° 55'

147.76

D 25'

Pl. 200 + 21.90

S.T. 42.31

B.C. 199 + 79.59

LC 83.66

EC 200 + 63.25

CA 3.75

POC 200 + 21.42

200

199

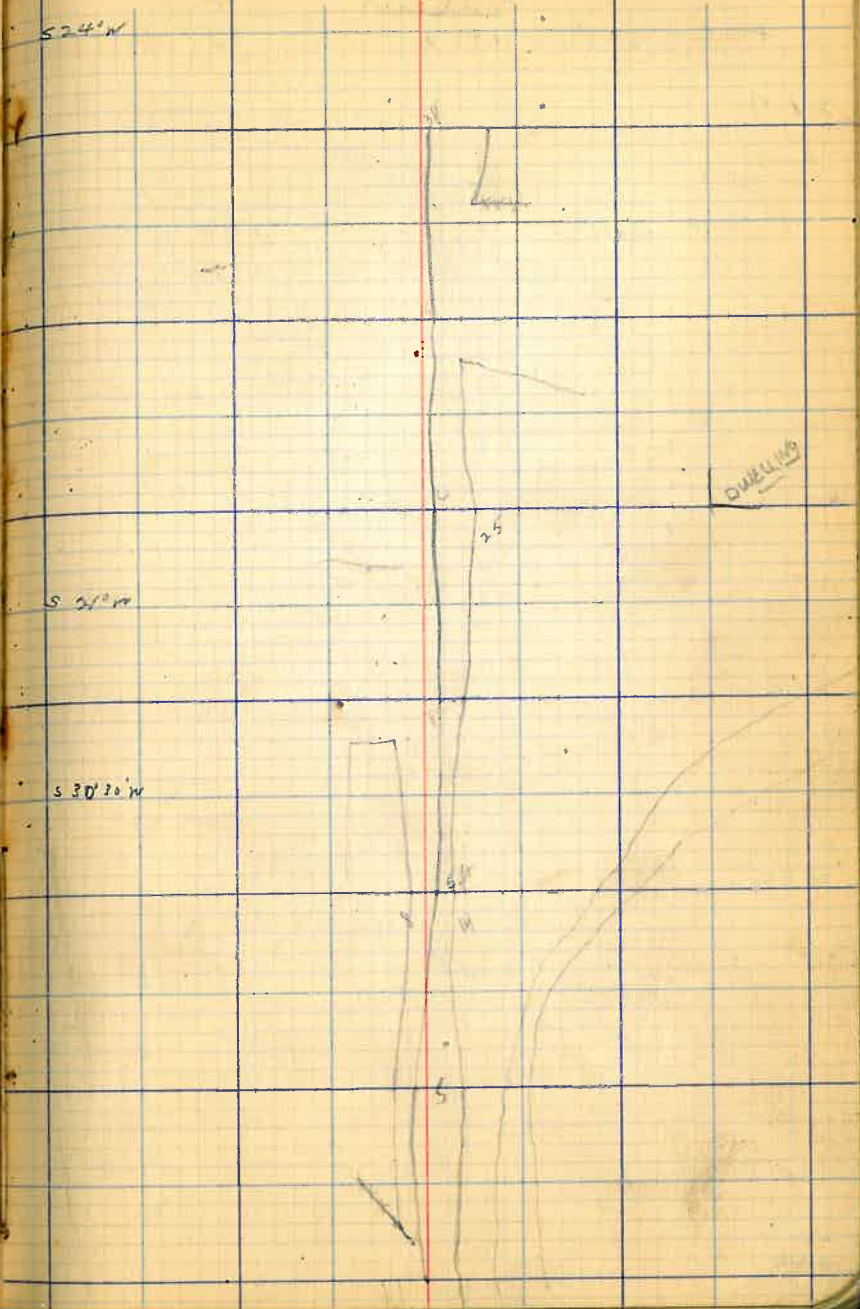
198

524° W

S 21° W

S 30° 30' W

DRAWING



42

+35.4 L25°48' 523°18'W Δ 25°48'
151.4 D 25°20'

210

PI 210+35.4

ST 52.5

BC 209+82.9

+35.4 R11°

549°06'W LC 103.2

100.00 EC 210+86.1

ET 59.4

POE 210+34.5

209

218

207

206

205

204

509°W

534°W



43

+64.2 R 7°46' $\frac{528^{\circ}40'W}{190.4}$

216

215

+25.3 L 32°28' $\frac{520^{\circ}54'W}{243.37}$ $\Delta 32^{\circ}28'$ D 20°

214

PI 214 + 25.3

ST 83.4

B.C. 213 + 41.9

L.C. 1 62.33

E.C. 215 + 04.23

cut 11.90

POB. 214 + 22.06

213

212

+85 R 30°04' $\frac{553^{\circ}25'W}{242.7}$

$\Delta 30^{\circ}04'$

D 30°

P.I. 211 + 85

ST 51.3

BC 211 + 33.7

L.C. 1 + 00.22

E.C. 212 + 33.9

211

cut 6.77

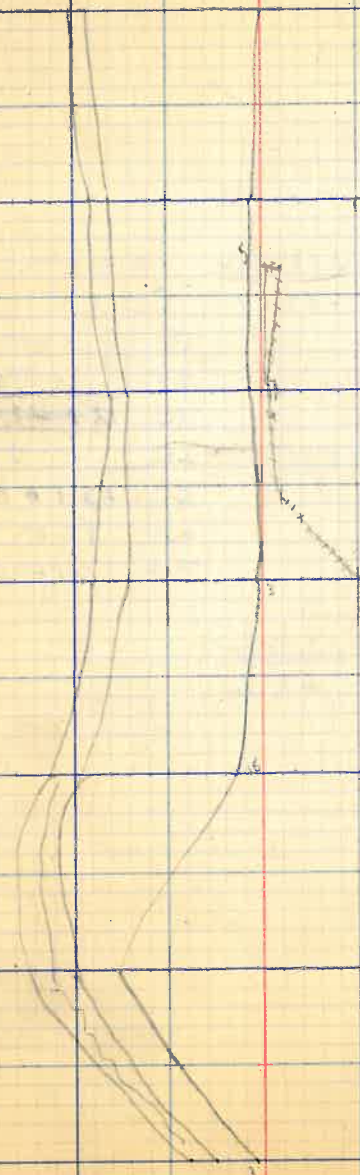
POB. 211 + 83.8

210

514°W

26°W

314°W



44

223

222

+78 R22°29' 553°39'W Δ 22°29'
289.84 D 12°

221

Pl. 221+75.0

S.T. 94.9

BC 220+83.1

LC 1.8736

+97.2 R9°28' 531°10'W EC 222+70.46
180.8

EXT 934

219

POS. 221+76.78

+54.6 L6°58' 521°42'W
142.6

218

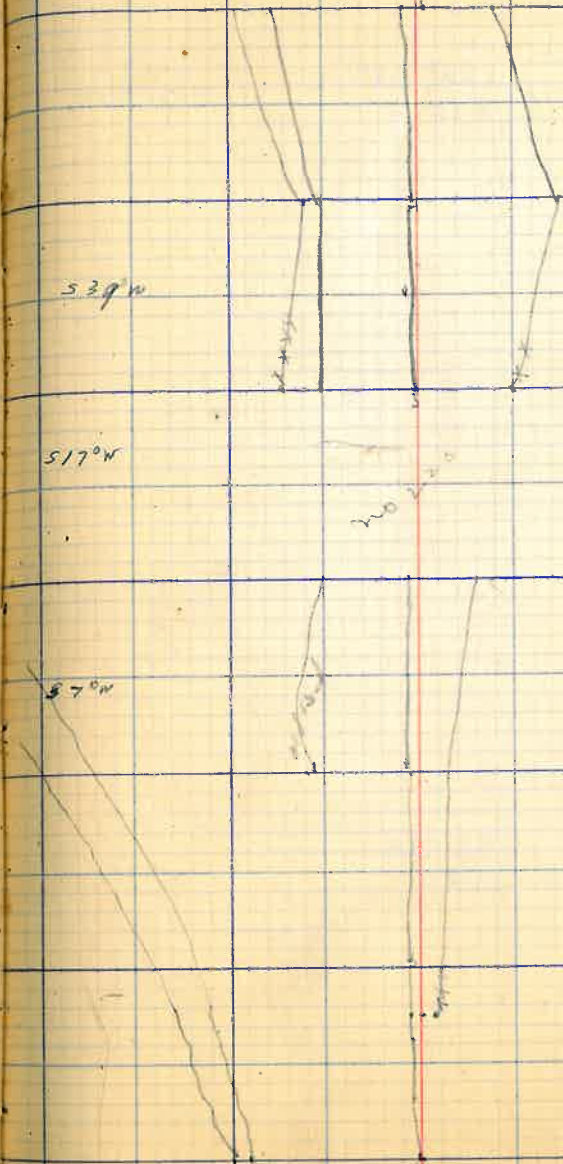
217

216

529°W

517°W

57°W



45

229

+34.7

$L 8^{\circ} 51'$

$S 34^{\circ} 11' W$

232.3

228

227

226

225

+65.4

$L 15^{\circ} 37'$

$S 38^{\circ} 02' W$

369.3

224

223

$S 19^{\circ} 30' W$

$S 23^{\circ} 30' W$

46

467

230

229

47

Resurvey of Ice House Canyon Road
from PI 35+32.6 to 41+84.2

+54.2

41

 $\Delta 67^{\circ} 27'$

D 50 R

PI 41+89.1 R.V.

ST 76.6

41+125

LC 1+350

+347.5

40

+86.6 L $48^{\circ} 59'$ $\Delta 48^{\circ} 59'$ D 87°

P.I. 39+86.6

39

ST 30

B.C. 39+56.6

LC 56.3

E.C. 40+12.9

cut 6.51'

38

P.O.C. 39+84.75

+50

+04.30 R $28^{\circ} 28'$

37

 $\Delta 28^{\circ} 28'$

D 35°

P.I. 37+04.30

S.T. 41.53

B.C. 36+2.77

L.C. 81.33

E.C. 37+44.10

cut 5.19'

P.O.C. 37+03.43

36

+32.6

35

March 13 - 1919

J. J. McDonald
S. L. Thompson
H. W. Thomas

39+86.6 = 29+86.6 old survey

41+84.2 = 41+89.1 " "

~~41+84.2 from E = 41+89.1 to W~~

48 Levels from pt. 33 + 72 - 41 + 82

			3558.72
33 + 72			3558.72
T.P.	7.67	3566.39	
36 + 40			4.30 3562.09
+ 50			0.68 3565.71
T.P.	10.92	3576.63	
36 + 62			7.80 3568.93
+ 83			3.70 3572.93
37 + 03			1.00 3576.63
+ 15			2.60 3573.03
+ 33			10.50 3566.13
+ 44			4.10 3572.63
+ 50			2.0 3574.63
+ 60			2.0 3574.63
+ 70			5.0 3571.63
38 + 00			4.4 3572.63
+ 25			3.4 3573.23
+ 30			2.65 3575.93
+ 75			0.20 3576.43
T.P.	10.00	3586.43	
39 + 00			8.30 3578.13
39 + 25			6.20 3580.23
39 + 50			4.80 3581.63
+ 56			4.40 3582.03
+ 75			1.60 3584.53
+ 84			0.70 3585.73
+ 94			.65 3585.73
40 + 00			3.70 3582.73
+ 06			7.15 3579.23
+ 12			11.30 3575.13
T.P.	0.85	3575.93	
40 + 21			9.30 3566.63

March 13-19-19

J. J. Bennett
 P. L. Has Thomas
 Lincoln Thomas

49

40 + 50

+ 75

41 + 00

+ 25

+ 50

+ 75

+ 82

Bench mark

8.90

9.90

8.60

7.0

7.6

7.0

6.80

6.27

3569.08

3566.09

3569.30

3568.95

3568.11

3568.71

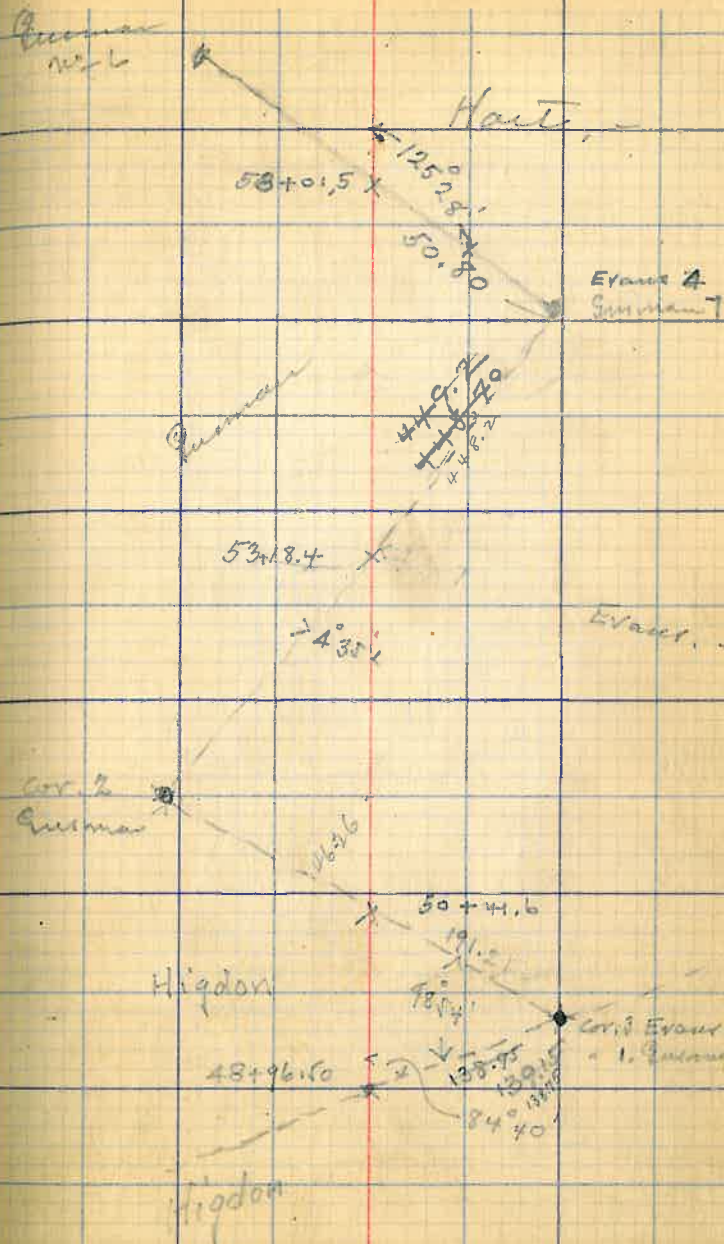
3567.19

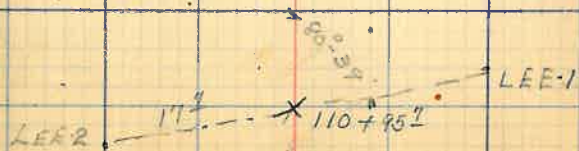
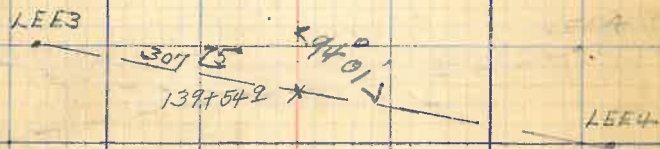
3569.71

BM faint top of boulder 23 FT S 71° W of P.I. 1482

50

$$\begin{array}{r}
 49 + 23.3 \\
 \underline{- 26.8} \\
 48 + 94.5
 \end{array}
 \qquad
 \begin{array}{r}
 13.10 \\
 50 \ 28 \\
 \underline{50 \ 41.10}
 \end{array}$$





54

Levels from 164 + 60.58 -

164 + 60.58			3889.30
TP	13.22	3902.52	
165			10.70 3891.80
+50			1.60 3900.90
+63			.60 3901.92
TP	11.95	3913.87	
166			10.80 3903.10
+35			15.2 3898.70
+60			10.8 3903.10
167			6.5 3907.40
+50			1.84 3912.03
TP	12.22	3924.25	
167 + 76			7.8 3916.40
168			5.2 3919.00
+13			6.6 3917.60
+50			5.6 3918.60
169			7.2 3917.00
+60			7.5 3916.90
170			7.0 3917.20
+50			3.7 3920.50
171	12.03		1.70 3922.50
TP	12.03	3934.53	7.8
171 + 50			9.8 3924.70
172			8.0 3926.50
+50			1.30 3933.23
TP	12.10	3945.25	
173			10.8 3934.50
+50			9.4 3935.90
174			6.4 3938.90
+50			4.5 3940.80
175			1.56 3943.77
TP	12.25	3956.52	

April 24-19

J. M. D.
Chas. Thomas

wait apron

55

175 + 20		10.8	3945.20
176		8.4	3947.60
+ 50		4.6	3951.40
177		1.05	3954.97
T.P.	12.15		3967.12
177 + 50		9.4	3957.70
178		4.0	3963.10
+ 50		0.00	3967.10
179		7.10	3960.00
+ 20		10.45	3956.67
T.P.	12.85		3969.52
+ 50		7.6	3961.98
+ 86		1.5	3968.02
180 + 40		3.6	3965.90
+ 90		1.85	3968.17

wash Culvert

Point on new road just built

56

←

165

165	$\frac{-5.6}{11.8}$	1.30	
+50	$\frac{-10.4}{14.2}$	-4.5	$\frac{0.0}{6.5}$
166	$\frac{-8}{13}$	-2.0	$\frac{0.0}{7}$
+50	$\frac{-4.30}{11.20}$	-1.0	$\frac{0.0}{2.2}$
167	$\frac{-8.7}{13.4}$	-1.5	$\frac{0.0}{2.4}$
+50	$\frac{-9}{13.0}$	-2.0	$\frac{0.0}{5.6}$
168	$\frac{-13.2}{15.6}$	-4.0	$\frac{0.0}{5.8}$
+50	$\frac{-16.2}{17.6}$	-3.5	$\frac{0.0}{4.6}$
169	$\frac{-11.4}{14.7}$	-3.0	$\frac{0.0}{4.3}$
+50	$\frac{-13.6}{15.8}$	2.5	$\frac{0.0}{6.2}$
170	$\frac{-4.8}{11.4}$	-1.5	
+50	$\frac{-3.2}{10.6}$	-1.0	$\frac{0.0}{6.8}$

Globe Ice House Canyon Road
Ties to HES. Corners

68	at	FS	Lot Deflection	D
B S				
48+06.2	52+13.4	2 HES. 99 HES 100	L 24° 08'	333.7'
52+13.4	58	2 HES. 95 3 HES. 163	R 136° 15'	159.6'
"	"	47 HES. 98 2 " 163	L 45° 35'	49.8'
60+59.1	63+66	45 HES. 98 4 " 163	L 147° 57'	246'
60+40.5	82+60.5	47 HES. 129 3 " 163	L 110° 55'	120.9'
82+60.5	85+21.4	44 HES. 101 42 " 103	R 26° 20'	3.10'
85+21.4	86+73.5	4 HES. 129 3 " 163	L 67° 02'	6.60'
86+73.5	95+16.2	44 HES. 163 41 " 104 45 " 129	R 173° 03'	61.70'
99+49.8	100+32.9	44 HES. 129	R 165° 29'	135.0'
105+20.8	110+40.6	42 HES. 167	R 61° 27'	65.1'
135+60	139+19.7	44 HES. 167	R 37° 11'	303.40'
216+64.2	215+54.4	44 HES. 111	L 73° 53'	246.66'
159+14	143+25.9	corners sections	L 117° 59'	943.5'
163+25.9	159+14	16-11-14-15	R 44° 12'	1209.70'

March 10 - 1919

J. M. O.
Conally
C. H. Stone

N 12° W

S 13° W

$$159+14 - 163+25.9 = 414.00$$

147° 56'
347° 56'
6 times

10 11
15 14

69

201

200

199

198

197

196

195

201

70

207

206

205

204

203

202

201

80'

90

120

150

170

160

71

42

209

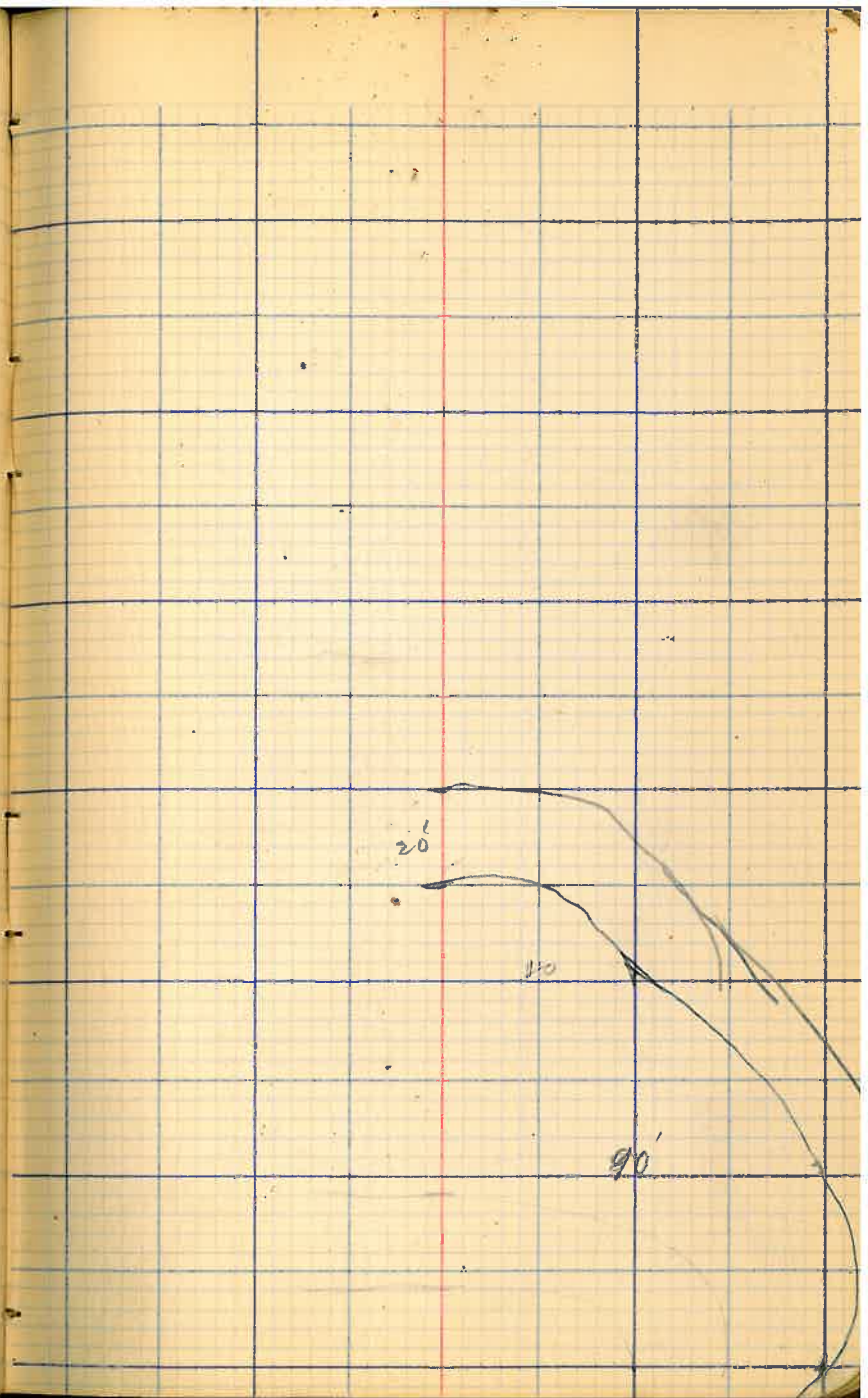
208

207

20

10

90



74

B.M.

3.41

3528.41

3521.00

1

4.00

2

5.20

3

4.80

T.P.

2.46

25.95

4

+ 21

+ 42

5

+ 10

+ 80

6

P

79

Apron at Hager's

N.M.	0.83	103.83	100.00
17+50		2.25	101.58
+5		2.83	101.00
+10		3.75	100.08
+15		4.50	99.33
+20		4.4	99.43
+25		4.5	99.30
+30		4.0	99.5
+35		4.3	99.5
+40		3.3	100.5
+45		2.1	102.7
+50		1.1	102.7
	4.05	104.05	100.00

1.05
0.85

Top of large granite boulders
20' E. of N. end center stake
center

N. end, Top of slab - 102.
upper side - 102.2
lower " - 101.8

S. end Top slab - 103

532.58 W
19.21

513.37 W

~~552.18 W~~

544.54 W
R. 1002
554.56 W ✓
L. 1920
535.36 W ✓
L. 1920
516.16 W ✓