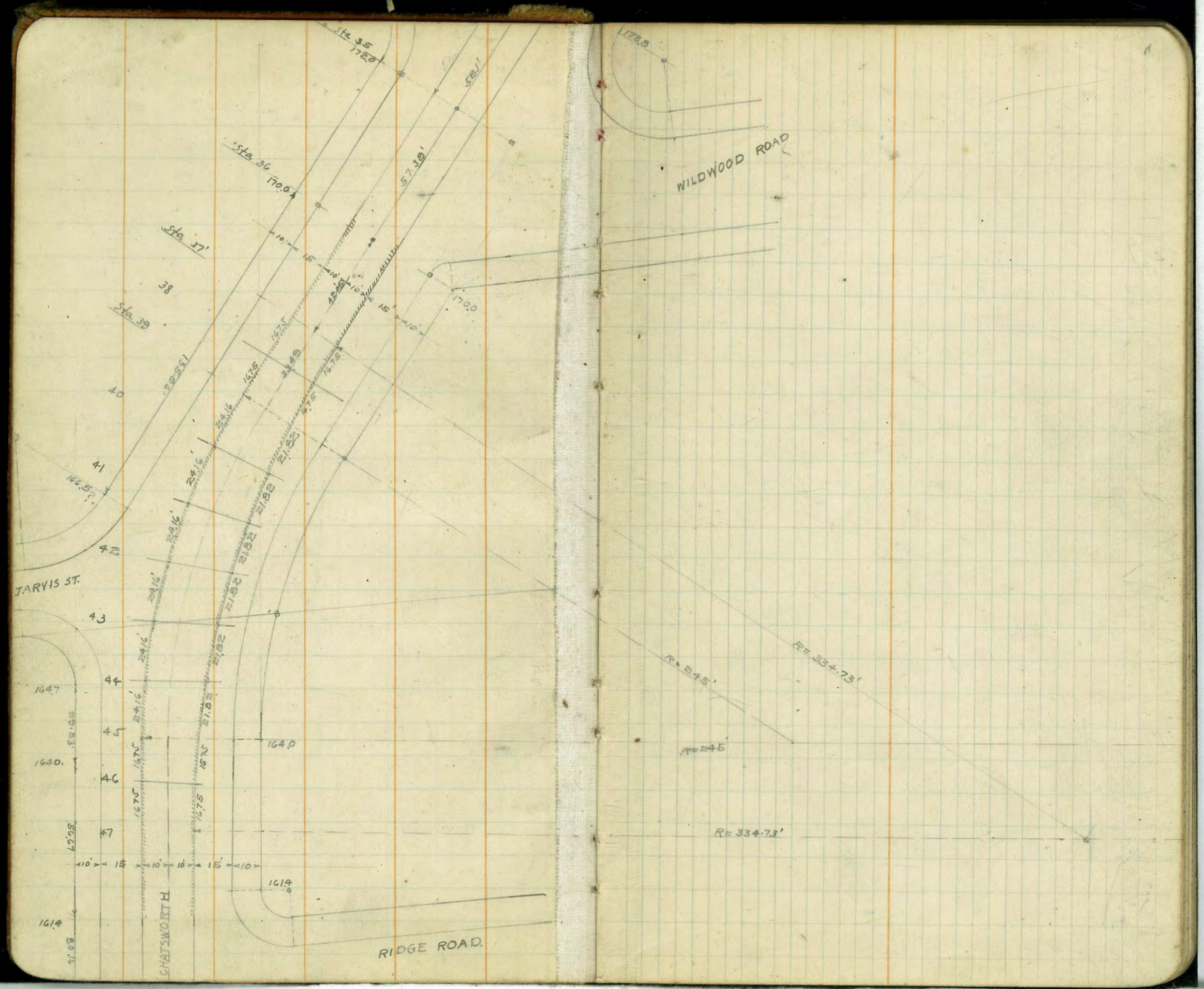
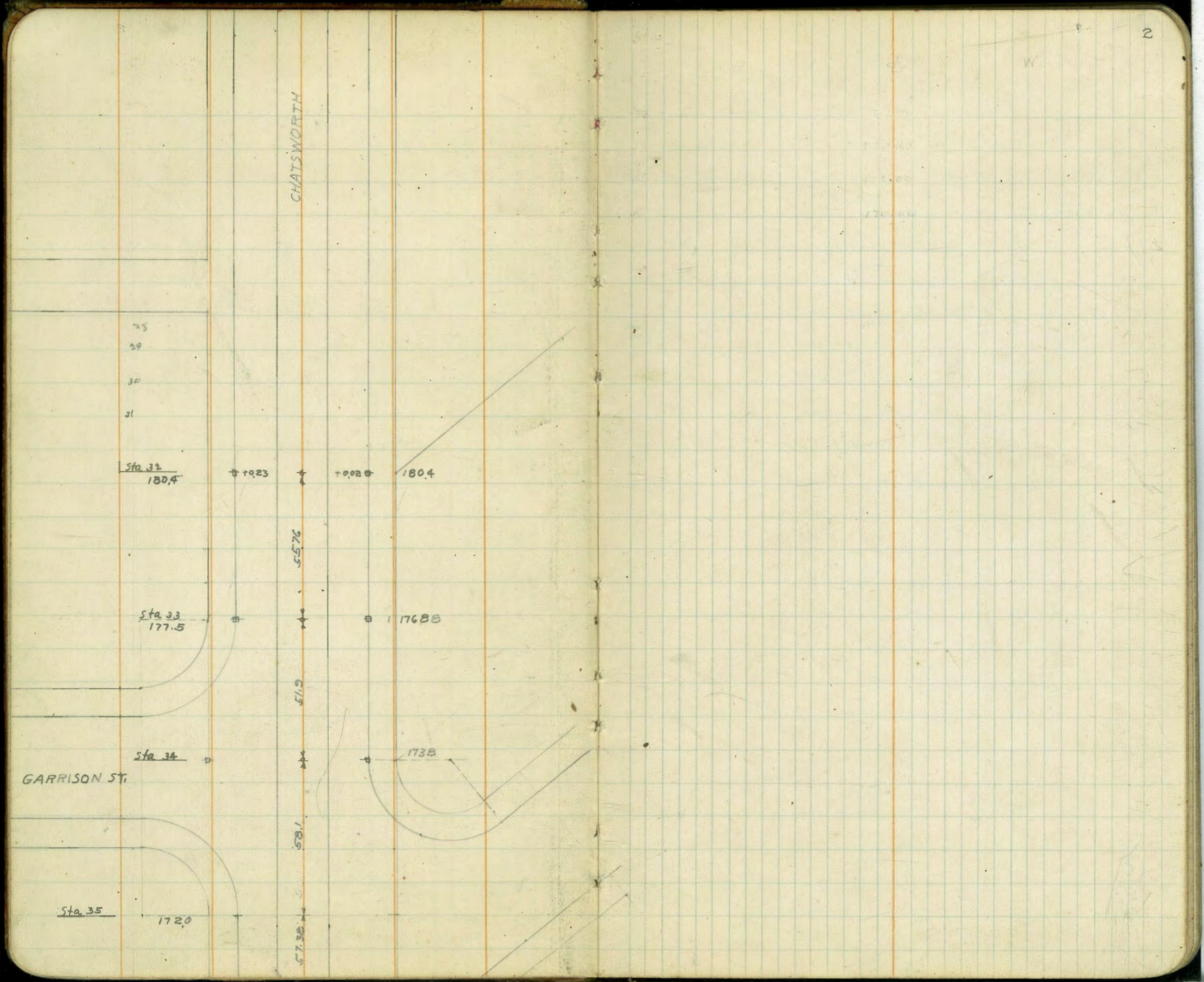
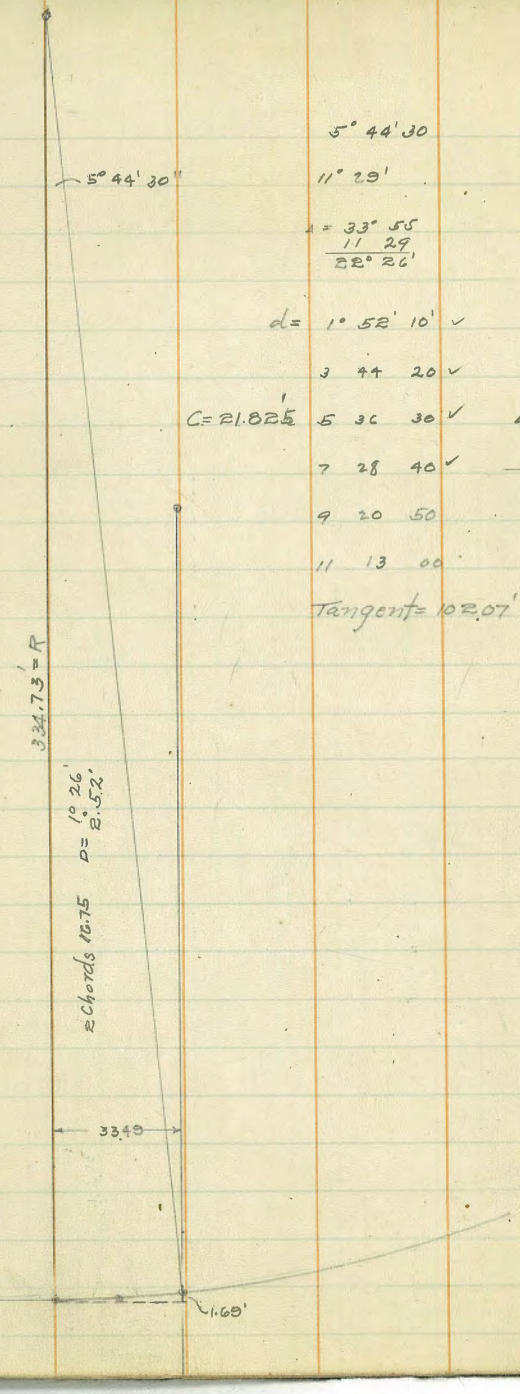
1101

FIELD BOOK

305


Sta 35
172.0
58.1'
Sta 36
170.0
57.39'
WILDWOOD ROAD
1783
Sta 37
38
Sta 39
40
41
166.5'?
42
JARVIS ST.
43
44
45
46
47
1647
1640.
1640
1614
1619
CHATSWORTH
RIDGE ROAD.
R=345'
R=334.73'
R=345
R=334.73'
24.16'
21.82
16.75'
10'
15'


CHATSWORTH
Sta 32
180.4
+0.23
+0.02
180.4
55.76
Sta 33
177.5
1768
51.9
Sta 34
1738
GARRISON ST.
58.1
Sta 35
172.0
57.32



5° 44' 30

11° 29'

Δ = 33° 55
11 29
22° 26'

d = 1° 52' 10" ✓

3 44 20 ✓

C = 21.82' 5 36 30 ✓

7 28 40 ✓

9 20 50

11 13 00

Tangent = 102.07'

Δ = 22° 26'
5 44 30
5 44 30
33° 55' 00 ✓

R = 245.00'

Δ = 33° 55'

T = 74.71'

2° 49' 35"

5° 39' 10"

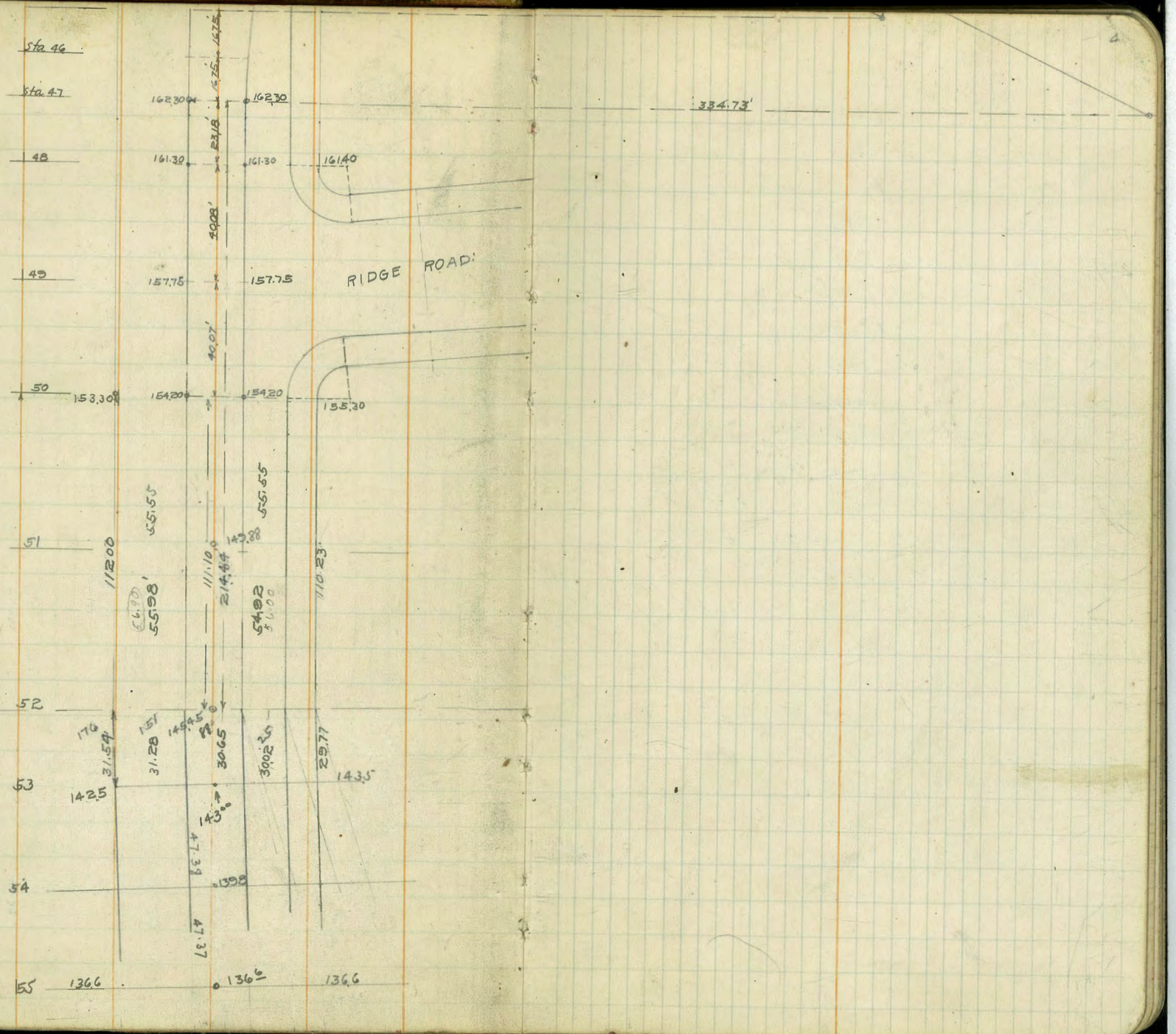
8° 28' 45"

11° 18' 20" C = 24.16'

14° 07' 55"

16° 57' 30"

33° 55'


Sta 46
Sta 47
48
49
50
51
52
53
54
55
162.30
162.30
161.30
161.30
161.40
157.75
157.75
RIDGE ROAD
154.20
154.20
153.30
155.30
334.73'
23.18'
40.08'
40.07'
55.55'
55.55'
111.10'
143.88
214.44
110.23'
112.00
55.98'
54.92
31.54'
31.28'
30.65
30.02.5
29.77
142.5
143.5
143.0
47.33
47.37
139.8
136.6
136.6
136.6

From page 62 Book 100

℄

55.98'				
31.28'	52	145.45	54.62'	P.L.
47.38'	53	148.00	30.02'	
47.37'	54	139.8		
40.02	55	136.60		
40.03	56	134.70 ✓		
36.61	57	132.80 ✓		
36.62	58	130.53 ✓		
50.	59	128.24 ✓		
30	60	125.12 ✓		P.L.
40.7 ✓	61	123.4 ✓		
40.7 ✓	62	120.95 ✓		
60 ✓	63	118.5 ✓		
49.88 ✓	64	116.00 ✓		
49.88 ✓	65	113.33		
49.88 ✓	66	110.67		
49.88 ✓	67	108.00		
49.88 ✓	68	105.33		
49.88 ✓	69	102.67		
60 ✓	70	100.00		
55' ✓	71	98.00		
55' ✓	72	95.7		
55' ✓	73	93.4		
55' ✓	74	91.1		
55' ✓	75	88.8		
60 ✓	76	86.5		
	77	84.5		

117.98=BM Chatsworth La Cresta S.W. Cor B.R

+ 12.70

130.68 ℄

- 12.70

117.98=BM.

+ 0.60

118.58 ℄

- 12.93

105.65

+ 0.84

106.49 ℄

- 12.95

93.54

+ 1.98

95.52 ℄

- 12.94

82.58

+ 2.78

85.36 ℄

8.25

77.11 ✓

77.14=BM

S.M. Wagstaff Drive

E 58	W
130.43	130.43
4.25	0.25
1.38	0.40
-1.13	-0.15

E 59	W
128.14	128.14
2.54	2.54
3.70	2.90
-1.16	-0.36

E 60	W
125.02	125.02
5.66	5.66
6.87	6.31
-1.21	-0.65

E 61	W
123.40	123.40
7.28	7.28
7.73	8.36
-0.45	-1.08

E 62	W
120.95	120.95
9.73	9.73
9.83	11.04
-0.09	-1.31

E 63	W
118.50	118.50
0.08	0.08
0.09	1.47
-0.01	-0.39

E 64	W
116.00	116.00
2.58	2.58
3.15	3.14
-0.57	-0.56

W 65	E
113.33	113.33
5.25	5.25
5.81	5.80
-0.56	-0.55

E 66	W
110.67	110.67
7.91	7.91
8.55	8.48
-0.64	0.57

E 67	W
108.00	108.00
10.58	10.58
11.21	11.15
-0.63	-0.57

E 68	W
105.33	105.33
1.16	1.16
1.90	1.75
-0.74	-0.59

E 69	N
102.67	102.67
3.82	3.82
4.54	4.42
-0.72	-0.60

E 70	W
100.00	100.00
6.49	6.49
6.54	7.03
-0.05	-0.54

E 71	W
98.00	98.00
8.49	8.49
9.55	9.14
-1.06	-0.65

E 72	W
95.70	95.70
10.79	10.79
11.58	11.41
-0.79	-0.62

E 73	W
93.40	93.40
2.12	2.12
2.87	2.69
-0.72	-0.57

E 74	W
91.10	91.10
4.42	4.42
5.05	5.01
-0.63	-0.59

E 75	W
88.80	88.80
6.72	6.72
7.29	7.24
-0.57	-0.52

E 76	W
86.50	86.50
8.68	8.02
9.11	9.54
-0.09	-0.52

E 77	W
84.50	84.50
11.02	11.02
11.53	11.53
-0.51	0.51

E 78	W
83.30	83.30
12.22	12.22
12.94	12.70
-0.72	-0.48

E 79	W
82.10	82.10
3.26	3.26
4.06	3.69
-0.80	-0.43

E 80	W
80.80	80.80
4.46	4.46
5.38	4.83
-0.92	-0.37

E 81	W
79.70	79.70
5.66	5.66
6.60	5.88
-0.94	-0.22

E 82	W
78.50	78.50
6.86	6.86
7.31	6.46
-0.45	+0.40

E 83	W
77.50	77.50
7.86	7.86
8.56	8.00
-0.70	-0.14

E 84	W
77.31	77.31
8.05	8.05
9.20	8.12
-1.15	-0.07

E 85	W
77.13	77.13
8.23	8.23
9.61	8.24
-1.38	-0.01

E 86	W
76.94	76.94
8.42	8.42
10.45	8.35
-2.03	+0.07

BM 77.14 Ring curb Chatsworth E of Car tracks.
12.10
89.24 π

					E	87	W		E	88	W		E	89	W		E	90	W
					78.24		78.84		80.43		80.43		82.35		82.35		84.90		84.90
					10.40		10.40		8.81		8.81		6.89		6.89		4.34		4.34
					10.26		10.50		8.48		9.99		7.61		7.96		4.68		6.28
					+0.04		-0.10		+0.33		-1.18		-0.72		-0.97		-0.34		-1.94
					E	91	W		E	91	W		E	92	W		E	93	W
					87.45		87.45		87.45		87.45		90.00		90.00		92.45		92.45
					1.79		1.79		9.63		9.63		7.08		7.08		4.63		4.63
					2.36		3.62		10.21		11.47		7.73		8.77		4.53		5.75
					-0.57		-1.83		-0.58		1.84		-0.65		-1.69		+0.10		-1.12
					E	94	W		E	95	W		E	96	W		E	97	W
					94.15		94.15		95.90		95.90		96.45		96.45		96.63		96.63
					2.93		2.93		1.18		1.18		0.63		0.63		10.81		10.81
					2.68		2.96		1.12		1.57		-0.33		1.63		10.32		11.73
					+0.25		-0.03		+0.06		-0.39		+0.30		-1.00		+0.49		-0.92
					E	98	W		E	99	W		E	100	W		E	101	W
					96.81		96.81		96.99		96.99		97.17		97.17		97.35		97.35
					10.63		10.63		10.45		10.45		10.27		10.27		10.09		10.09
					10.17		11.40		10.15		11.12		10.49		10.91		10.20		10.63
					+0.46		-0.77		+0.30		-0.67		+0.22		-0.64		-0.11		-0.54
					E	102	W		E	103	W		E	104	W		E	105	W
					97.56		97.56		97.93		97.93		98.30		98.30		98.70		98.70
					3.88		3.88		3.51		3.51		3.14		3.14		8.74		8.74
					3.81		10.45		3.62		10.07		3.72		9.90		8.95		8.71
					+0.07		-0.57		-0.11		-0.56		-0.58		-0.76		-0.21		+0.03
					E	106	W		E	107	W		E	108	W		E	109	W
					99.10		99.10		99.50		99.50		99.90		99.90		101.21		101.21
					8.34		8.34		7.94		7.94		7.54		7.54		6.23		6.23
					8.34		7.91		7.63		7.11		6.86		6.63		6.54		5.54
					.00		+0.43		+0.31		+0.83		+0.68		+0.91		-0.31		+0.69
					E	110	W		E	111	W		E	112	W		E	113	W
					103.07		103.07		104.92		104.92		106.78		106.78		108.64		108.64
					4.37		4.37		2.52		2.52		0.66		0.66		11.53		11.53
					6.28		4.57		2.83		3.95		3.22		2.35		11.92		12.64
					-1.91		-0.20		-0.31		-1.43		-2.56		-1.69		+0.39		-1.11
					E	114	W		E	115	W		E	116	W				
					110.50		110.50		112.35		112.35		114.21		114.21				
					9.67		9.67		7.82		7.82		5.96		5.96				
					10.59		11.44		8.65		10.19		6.49		7.89				
					-0.92		-1.77		-0.83		-2.37		-0.53		-1.93				

B.P. 96.65 Tennyn
.043
97.08 π
+10.33
96.75
+10.69
107.44 π
-.30
107.14
+13.03
120.17 π
-0.34
119.83 } BM
118.90 }

& check

BM 77.14
491
82.05 π

78.07	78.11	2 stakes for curb at Culvert N° 6
3.98	3.94	
3.48	3.44	
+0.05	+0.05	

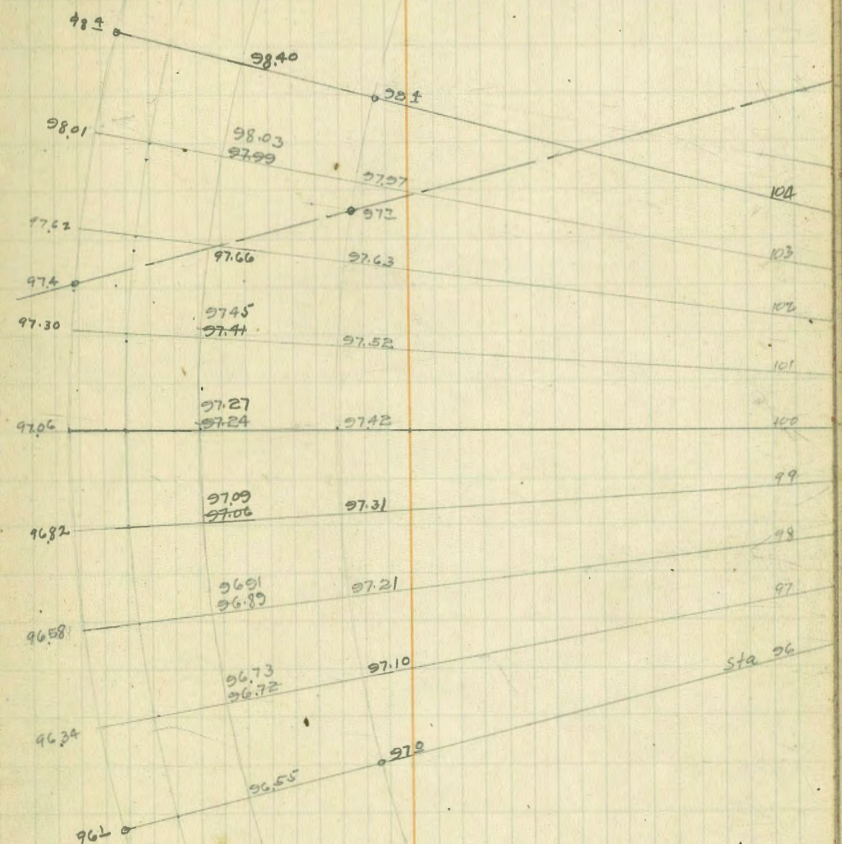
55'			83.3	
65'	78			
55'	79		88.1	
55'	80		80.9	
55'	81		79.7	
60	82		78.5	
44.79	83		77.5	
44.79	84		77.31	
44.79	85		77.13	
52.99	86		76.94	
9.36		E 77.00		RR=76.76
43.47			77.51	
34.65	87		78.84	
60	88		80.43	
43.56	89		82.35	
43.56	90		84.90	
43.56	91		87.45	
43.56	92		90.00	
50.39	93		92.55	
50.38	94		94.25	
60	95		96.00	
22.83	96		96.55	25.35
22.83	97		96.73	25.35
22.83	98		96.91	25.35
22.83	99		97.09	25.35
22.83	100		97.27	25.35
	101		97.45	

Δ = 28° 49' 30"

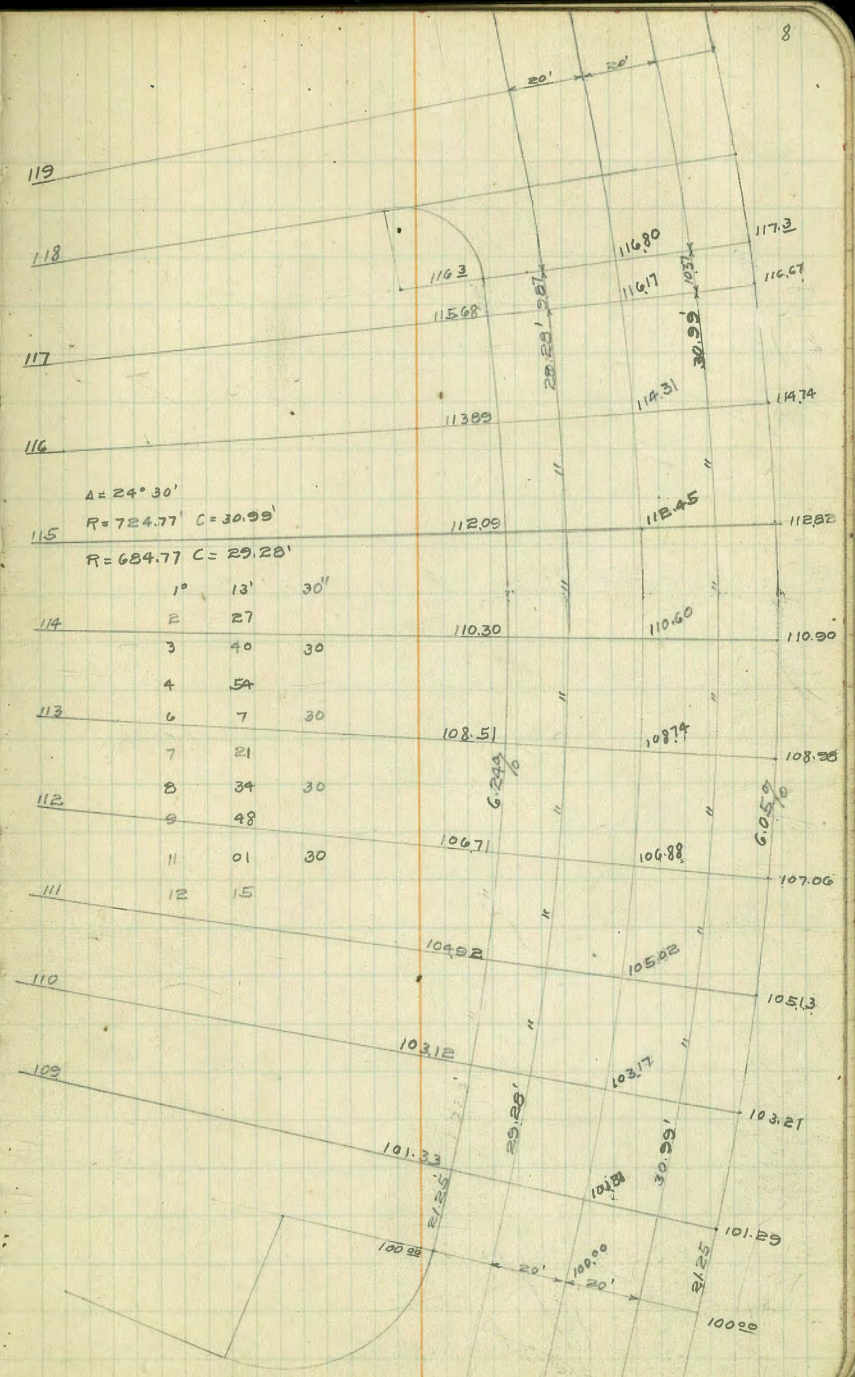
R = 363' C = 22.83' L.C = 180.82'

R = 403' C = 25.35' L.C = 200.74'

	1°	48'	6"
	3	36	12
	5	24	18
ε Chords:	7	12	24
	9	00	30
	10	48	36
	12	36	42
	14	24	48



22.83			
22.83	102	97.66	25.35'
22.83	103	98.02	25.35'
39.23'	104	98.40	25.35'
39.23'	105	98.80	
39.23'	106	99.20	
39.24'	107	99.60	
21.25'	108	104.27' vertical ~~100.00~~	
30.99	109	101.31	29.28'
30.99	110	103.17	29.28'
30.99	111	105.02	29.28'
30.99	112	106.88	29.28'
30.99	113	108.74	29.28'
30.99	114	110.60	29.28'
30.99	115	112.45	29.28'
30.99	116	114.31	29.28'
30.99	117	116.17	29.28
30.99	118	117.67	29.28
E.C. 64.23	119	118.98	29.28
63.23	120	121.76	
50	121	124.50	
57.54	122	126.36	
P.C. 25.93'	123	128.50	27.04'
25.93'	124	129.94	27.04'
25.93'	125	131.38	27.04'
25.93'	126	132.82	27.04'
	127	134.26	



123
122
121
120
119
118
117
116
1285
1285
1285
1240
1245
1250
12176
11838
11767
1168
11617
57.54
37.29
50'
63.23
64.23
4.3369
1896
28.65'
29.28'
30.79'
31.63'
21.07'
20.62'
30.99'
29.28'
30.79'
20.01'

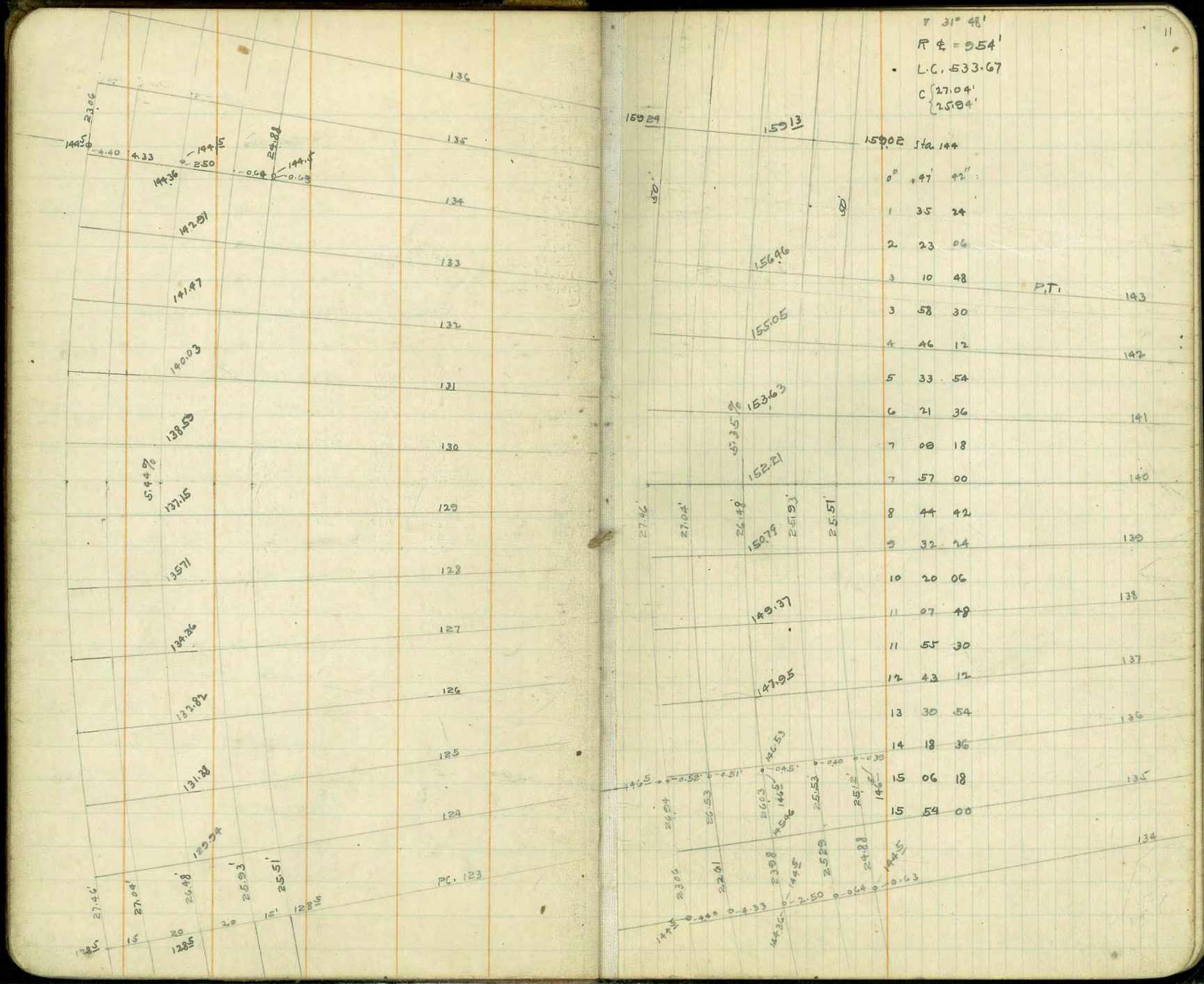
25.93'			
25.93'	128	135.71	27.04'
25.93'	129	137.15	27.04'
25.93'	130	138.59	27.04'
25.93'	131	140.03	27.04'
25.93'	132	141.47	27.04'
25.93'	133	142.91	27.04'
25.93'	134	144.36	27.04'
25.93'	135	145.46	27.04'
25.93'	136	146.53	27.04'
25.93'	137	147.95	27.04'
25.93'	138	149.37	27.04'
25.93'	139	150.79	27.04'
25.93'	140	152.21	27.04'
25.93'	141	153.63	27.04'
25.93'	142	155.05	27.04'
50'	143=P.T.	156.46	
20'	144	159.13	
20'	145	160.14	
20'	146	161.03	
20'	147	161.78	
20'	148	162.44	
20'	149	162.93	
20'	150	163.31	
20'	151	163.57	
20'	152	163.70	
	153	163.71	

BM 119.83 Hub
+4.05
123.88 π
-0.20
123.68
+12.80
135.88 π
-0.41
135.47
+12.54
148.01 π
-0.54
147.47
+12.94
160.41 π
-0.32
160.09
+7.27
167.36
-5.88
161.48 =
161.58 B.P.

E 114 W		E 117 W		E 118 W		E 119 W	
114.21	114.21	116.07	116.07	117.57	117.57	118.88	118.88
9.67	9.67	7.81	7.81	6.31	6.31	5.00	5.00
	11.60	9.01	9.80	6.84	7.58	4.72	6.22
	-1.93	-1.20	-0.99	-0.53	-1.27	+0.28	-1.22
E 120 W		E 121 W		E 122 W		E 123 W	
121.06	121.06	124.40	124.40	126.26	126.26	128.40	128.40
2.22	2.22	11.48	11.48	9.62	9.62	7.48	7.48
2.34	3.55	12.00	12.20	10.39	10.82	8.80	7.99
-0.12	-1.33	-0.52	-0.72	-0.77	-1.20	-1.32	-0.51
E 124 W		E 125 W		E 126 W		E 127 W	
129.84	129.84	131.28	131.28	132.72	132.72	134.16	134.16
6.04	6.04	4.60	4.60	3.16	3.16	1.72	1.72
8.17	7.03	5.58	5.64	3.95	3.96	4.11	2.77
-2.13	-0.99	+0.98	-1.04	-0.79	-0.80	-2.39	-1.05
E 128 W		E 129 W		E 130 W		E 131 W	
135.61	135.61	137.05	137.05	138.49	138.49	139.93	139.93
0.27	0.27	10.96	10.96	9.52	9.52	8.08	8.08
2.75	1.19	12.54	11.94	11.04	10.39	10.08	9.17
-2.48	-0.92	-1.58	-0.98	-1.52	-0.87	-2.00	-1.09
E 132 W		E 133 W		E 134 W		E 135 W	
141.37	141.37	142.81	142.81	144.26	144.26	145.36	145.36
6.04	6.04	5.20	5.20	3.75	3.75	2.65	2.65
8.31	7.40	6.52	6.16	5.14	4.65	3.67	3.36
-1.67	-0.76	-1.32	-0.96	-1.39	-0.90	-1.02	-0.71
E 136 W		E 137 W		E 138 W		E 139 W	
146.43	146.43	147.85	147.85	149.27	149.27	150.69	150.69
1.58	1.58	0.16	0.16	11.14	11.14	9.72	9.72
2.50	1.71	1.19	0.54	11.87	11.33	10.40	10.18
-0.92	-0.13	-1.03	-0.38	-0.73	-0.19	-0.68	-0.46
E 140 W		E 141 W		E 142 W		E 143 W	
152.11	152.11	153.53	153.53	154.95	154.95	156.36	156.36
8.30	8.30	6.88	6.88	5.46	5.46	4.05	4.05
9.18	8.71	7.82	7.44	6.43	6.22	5.49	5.10
-0.88	-0.41	-0.94	-0.76	-0.97	-0.76	-0.44	-1.05

161.58 BM 200's Alcott
+6.08
167.66 π

E 143 W		E 144 W		E 145 W		E 146 W	
156.36	156.36	159.03	159.03	160.04	160.04	160.93	160.93
11.30	11.30	8.63	8.63	7.62	7.62	6.73	6.73
12.65	12.26	10.45	10.14	9.41	9.38	8.10	8.07
-1.35	-0.96	-1.82	-1.51	-1.79	-1.76	-1.37	-1.34
E 147 W		E 148 W		E 149 W		E 150 W	
161.68	161.68	162.53	162.83	162.34	162.34	162.21	163.21
5.98	5.98	4.83	4.83	5.32	5.32	4.45	4.95
7.17	7.24	5.90	5.02	6.45	6.38	5.44	5.06
-1.19	-1.28	1.07	-0.79	-1.13	-1.06	-0.99	-0.61
E 151 W		E 152 W		E 153 W		E 154 W	
163.47	163.47	163.60	163.60	163.61	163.61	163.49	163.49
4.19	4.19	4.06	4.06	4.05	4.05	4.17	4.17
4.99	4.81	4.74	4.52	4.60	4.45	4.58	4.46
-0.80	-0.62	-0.68	-0.46	-0.55	-0.40	-0.41	-0.29
E 155 W		E 156 W		E 157 W			
163.95	163.95	163.73 Sub	163.71	163.53	163.28	163.45	163.45
4.71	4.71	4.93	4.95	5.13	5.38	5.21	5.21
4.86	5.24	4.91	5.66	4.88	6.03	4.94	6.10
-0.15	-0.53	+0.02	-0.71	+0.31	+0.65	+0.27	-0.89
E 158 W		E 159 W					
163.25	163.75	163.04	163.54				
5.41	5.91	5.62	6.12				
5.26	6.18	5.43	6.87				
+0.15	-0.27	-0.19	-0.75				


Δ 31° 48'
R ℄ = 954'
L.C. 533.67
C { 27.04' / 25.94'
Sta. 144
0° 47' 42"
1 35 24
2 23 06
3 10 48
P.T.
3 58 30
4 46 12
5 33 54
6 21 36
7 09 18
7 57 00
8 44 42
9 32 24
10 20 06
11 07 48
11 55 30
12 43 12
13 30 54
14 18 36
15 06 18
15 54 00
P.C. 123
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135
134

BM 161.58 B.P. 200's Alcott
+ 3.50
165.08 π

20'						
60'	154		163.59			
60' {35.68' {24.32'	155	162.73	163.05	162.71		
24.32'	156 PC	162.53	162.51	162.28	21.76'	
24.32'	157	162.45	162.30	161.95	21.76'	
24.32'	158	162.25	162.10	161.75	21.76	
24.32'	159	162.04	161.89	161.54	21.76	
24.32'	160	161.84	161.69	161.34	21.76	
24.32'	161	161.63	161.48	161.13	21.76	
24.32'	162	161.42	161.27	160.92	21.76	
24.32'	163	161.22	161.07	160.72	21.76	
24.32'	164	161.01	160.86	160.51	21.76	
24.32'	165	160.80	160.65	160.30	21.76	
63.61' {24.32 {39.29	166 EC.	160.46 160.23	160.44	160.22 160.24	21.76 {41.85	
63.62'	167		159.87			
44.92'	168		159.30			
44.91'	169		159.16			
10.17'	170		159.03			
49.83'	171		159.00			
60'	172		157.95			
50'	173		156.00			
50'	174		154.00			
50'	175		152.00			
60'	176		150.00			
60'	177		148.55			
60.76'	178		147.10			
60.77'	179		147.33			

E 160 W	E 161 W	E 162 W	E 163 W
161.84 161.84	161.63 161.13	164.42 160.92	161.22 160.72
3.24 3.74	3.45 3.95	3.66 4.16	3.86 4.36
3.12 4.41	3.27 4.64	3.42 4.79	3.87 4.94
+0.12 -0.67	+0.18 -0.69	+0.24 -0.63	+0.01 -0.58

E 164 W	E 165 W	E 166 W	E Stub W
161.01 160.51	160.80 160.30	160.46 160.22	160.23 160.24
4.07 4.57	4.28 4.78	4.92 4.86	4.85 4.84
3.89 5.15	4.23 5.26	4.56 5.40	4.89 5.61
+0.18 -0.58	+0.05 -0.48	+0.06 -0.54	-0.04 -0.77

167	E 168 W	
159.77 159.77	159.20 159.20	
5.31 5.91	5.88 5.88	
5.22 5.95	5.83 6.42	
+0.09 -0.64	+0.05 -0.54	

N.E. Alcott
159.36 BM
1.29
160.65 π

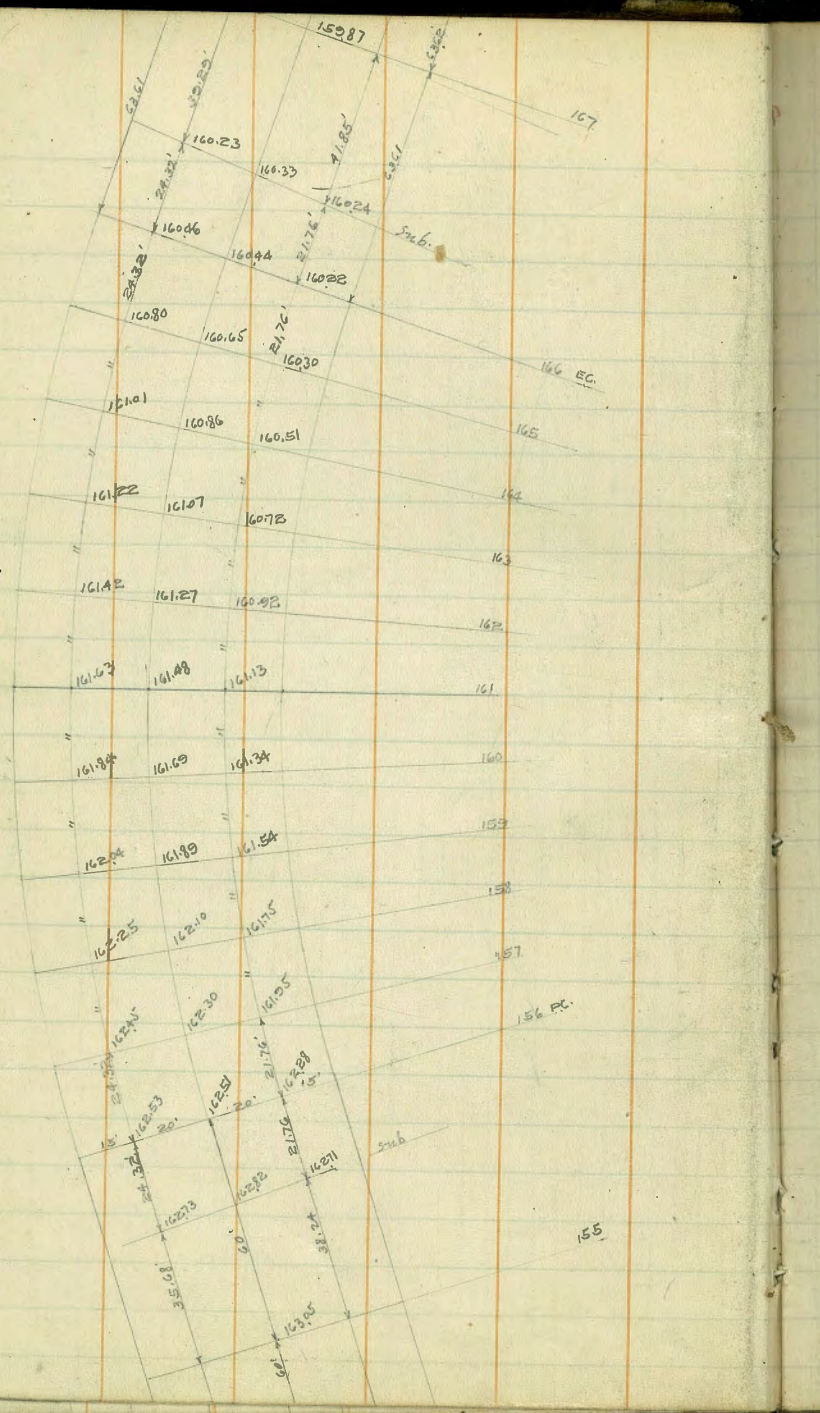
E 168 W.	E 169 W	E 170 W	E 171 W
159.20 159.20	159.06 159.06	158.93 158.93	158.90 158.90
1.45 1.45	1.59 1.59	1.72 1.72	1.75 1.75
1.40 1.05	1.15 0.35	1.99 2.27	2.18 2.99
-0.05 -0.54	+0.40 +1.20	-0.27 -0.55	-0.43 1.24

E 172 W	E 173 W	E 174 W	E 175 W
157.85 157.85	155.90 155.90	153.90 153.90	151.90 151.90
2.80 2.80	4.75 4.75	6.75 6.75	8.75 8.75
3.01 3.42	5.51 5.39	7.48 7.40	9.46 9.43
-0.21 -0.62	-0.76 -0.64	-0.73 -0.65	-0.71 -0.68

E 176 W	E 177 W	E 178 W	E 179 W
149.90 149.90	148.45 148.45	147.00 147.00	147.23 147.23
10.75 10.75	13.09 3.09	4.54 4.54	4.31 4.31
11.42 11.44	4.33 4.47	5.85 4.67	5.41 4.41
-0.67 -0.69	-1.24 -1.38	-1.31 -0.13	-1.10 -0.10

BM Gutless
148.86
2.93
151.54 π

E 180 W	E 181 W	E Stub W	E 182 W
147.47 147.47	147.27 147.27	147.14 147.15	146.75 147.00
4.07 4.07	4.27 4.27	4.40 4.39	4.79 4.54
5.27 4.17	5.17 2.95	4.90 3.23	5.25 3.89
-1.20 -0.10	+0.90 +1.32	-0.50 +1.16	-0.46 +0.65

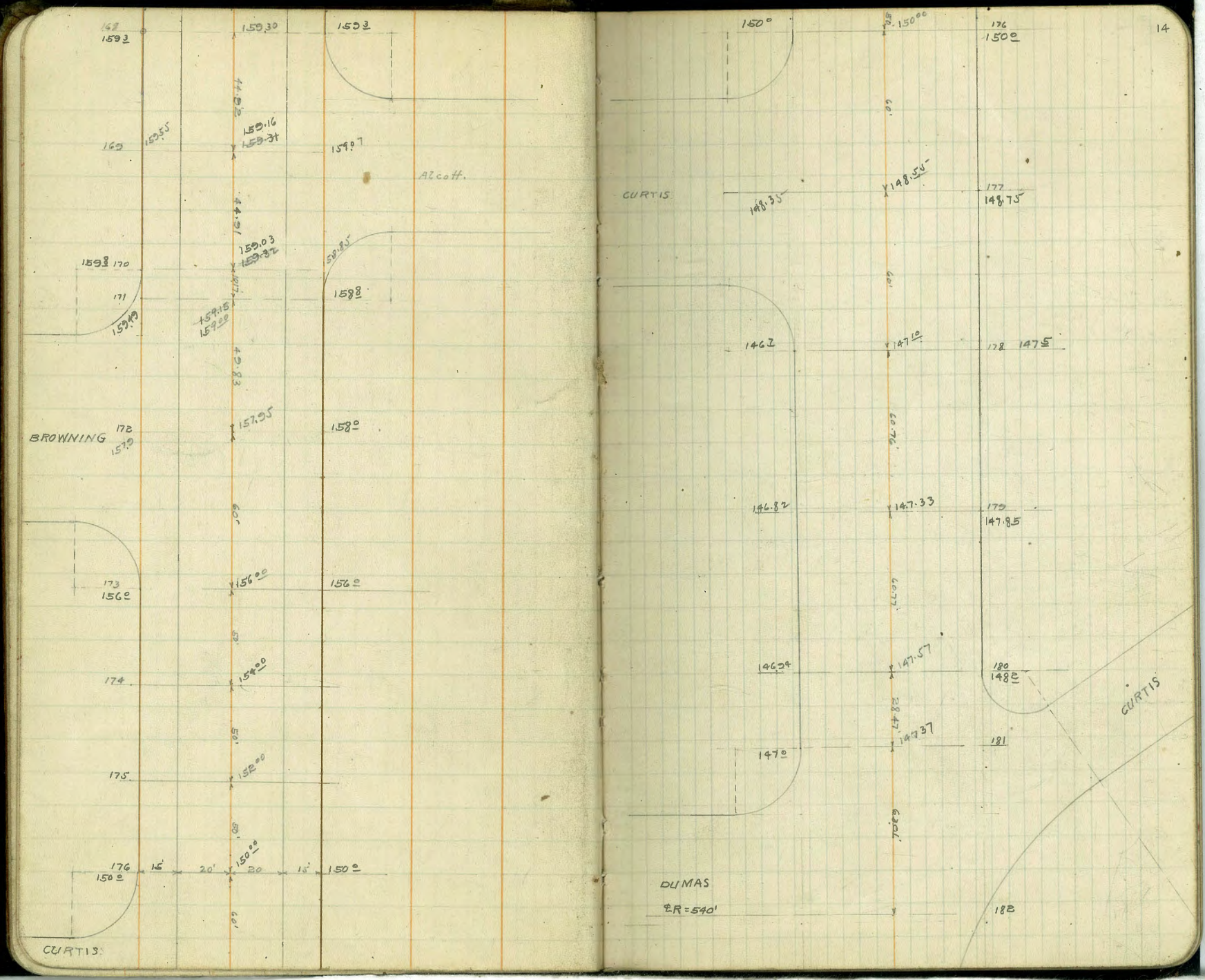


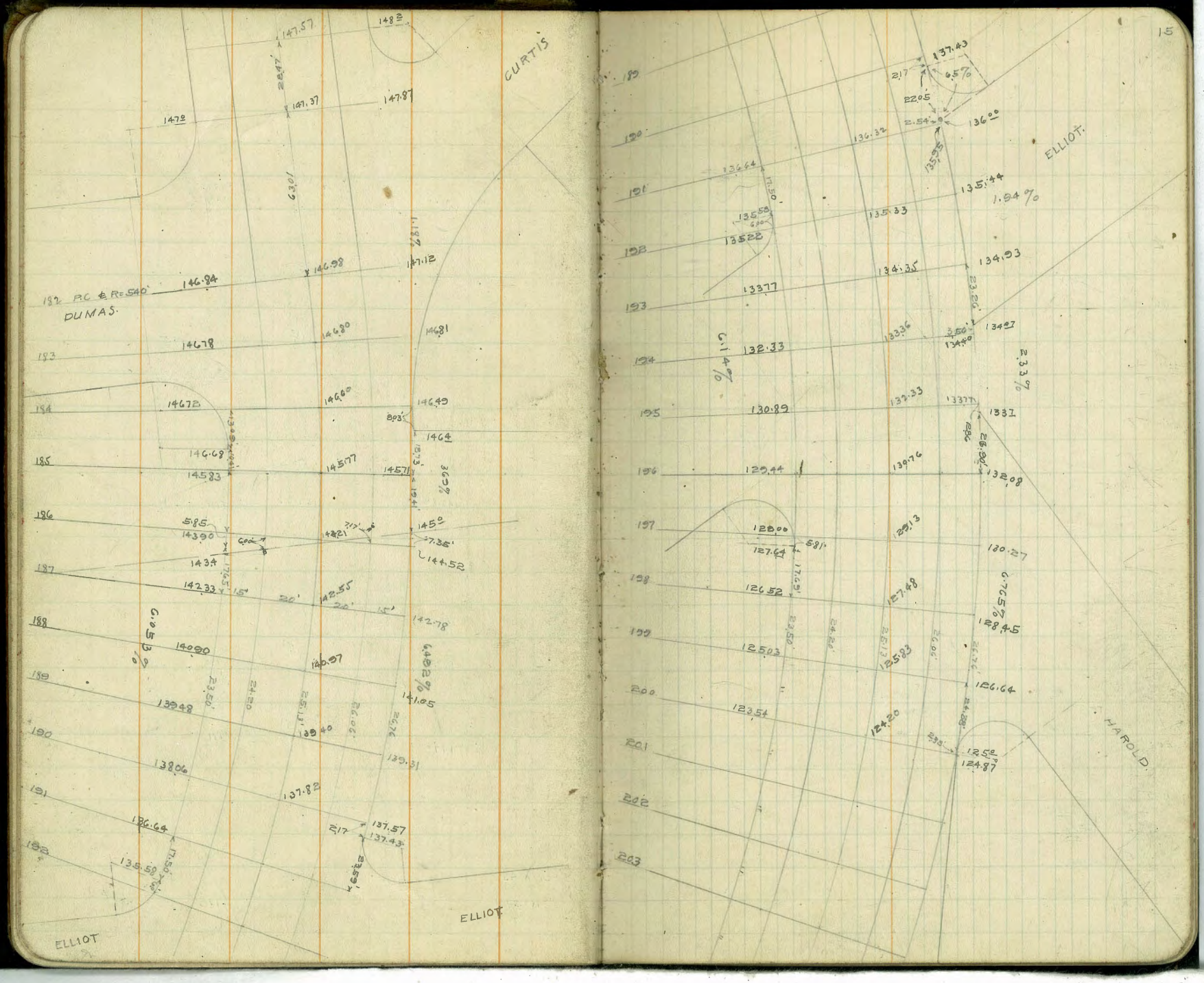
℄ R = 360'

R = 340'
R = 380'
Δ 36° 40' L.C. = 239.05'

C { = 1.76'
  = 24.32'

	1°	50'
	3	40
	5	30
	7	20
d =	9	10
	11	00
	12	50
	14	40
	16	30
	18	20


BROWNING
CURTIS
Alcott.
CURTIS
DUMAS
ER=540'
CURTIS
15'
20'
20
15'


CURTIS
DUMAS.
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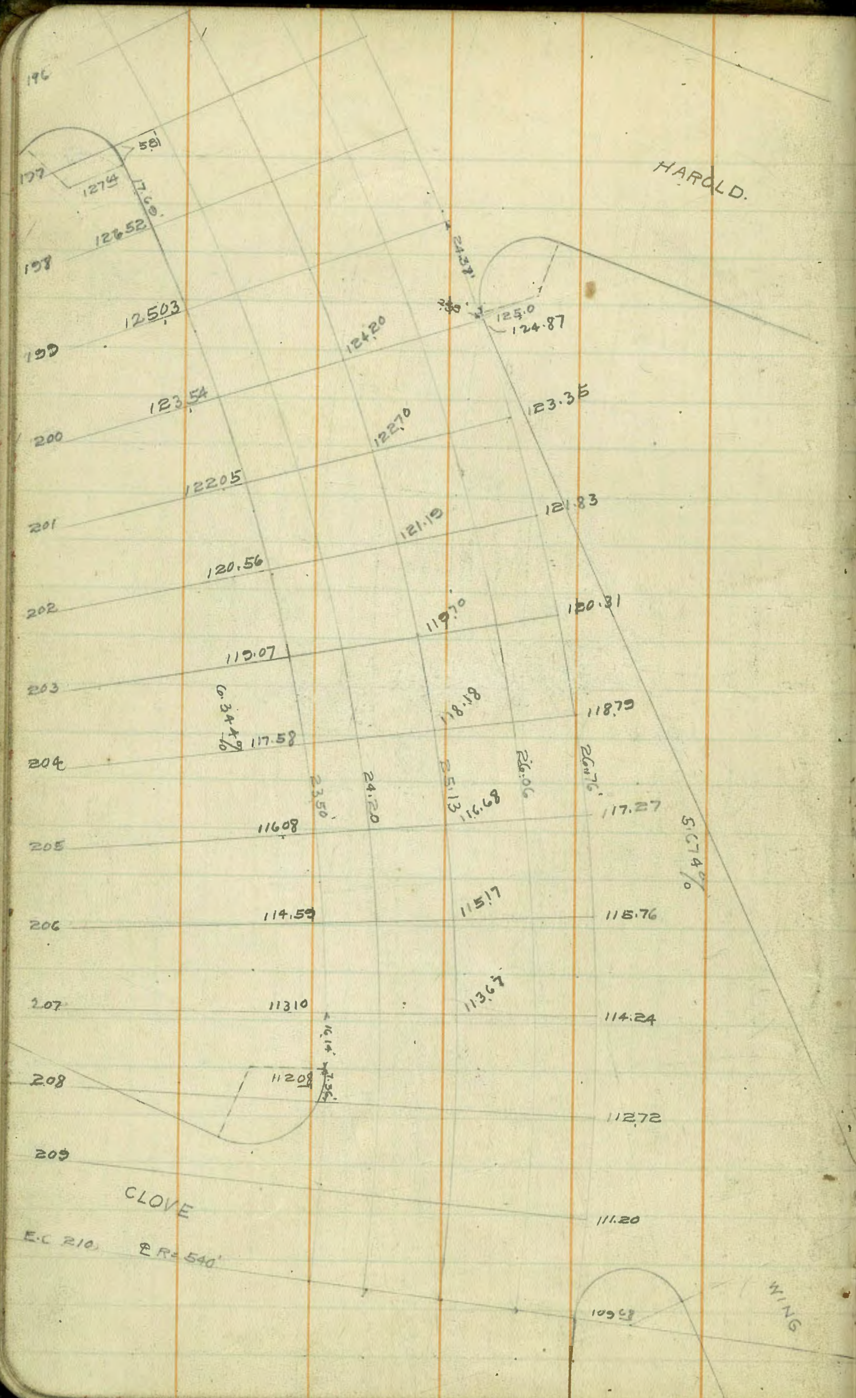


A = 74° 40'
℄ = 540'

L.C. = 679.22   M = 114.73'

C for 37° 20' = 358.48'   M = 29.46'

	505'	23.50'
	520'	24.20'
R=	540' C=	25.13'
	560'	26.06'
	575'	26.76'

d=

1°	20'
2	40
4	00
5	20
6	40
8	00
9	20
10	40
12	00
13	20
14	40
16	00
17	20
18	40
20	00
21	20
22	40
24	00
25	20
26	40
28	00
29	20
30	40
32	00
33	20
34	40
36	00
37	20

60.77'					
28.47'					
63.01 { 38.81' 24.20'	180		147.57		63.01 { 36.95 26.06
24.20'	181	147.14	147.37	147.15	26.06'
24.20'	182 PC.	146.75	146.98	147.00	26.06'
24.20'	183	146.45	146.80	146.95	26.06'
24.20'	184	145.85	146.20	146.35	26.06'
24.20'	185	145.05	145.40	145.55	26.06'
24.20'	186	143.85	144.20	144.35	26.06'
24.20'	187	142.57	142.82	143.07	26.06'
24.20'	188	141.29	141.64	141.79	26.06'
24.20'	189	140.01	140.36	140.51	26.06'
24.20'	190	138.73	139.08	139.23	26.06'
24.20'	191	137.45	137.80	137.95	26.06'
24.20'	192	135.90	136.25	136.40	26.06'
24.20'	193	134.36	134.71	134.86	26.06'
24.20'	194	132.81	133.16	133.31	26.06'
24.20'	195	131.27	131.62	131.77	26.06'
24.20'	196	129.73	130.08	130.23	26.06'
24.20'	197	128.18	128.53	128.68	26.06'
24.20'	198	126.64	126.99	127.14	26.06'
24.20'	199	125.09	125.44	125.59	26.06'
24.20'	200	123.55	123.90	124.05	26.06'
24.20'	201	122.10	122.45	122.60	26.06
24.20'	202	120.66	121.01	121.16	26.06'
24.20'	203	119.21	119.56	119.71	26.06'
24.20'	204	117.77	118.12	118.27	26.06'
24.20'	205	116.33	116.68	116.83	26.06'

BM 148.86
+2.68
151.54 π

148.86 BM
2.75
151.61 π
-12.85
138.76
+0.34
139.10 π
-12.89
126.21
1.37
127.58 π
-13.00
114.58
+0.05
114.63 π

E 183 W		E 184 W		E 185 W	
146.45	146.95	145.85	146.35	145.05	145.55
5.09	4.59	5.69	5.19	6.49	5.99
5.85	4.62	6.79	5.61	7.51	641
-0.76	-0.03	-1.10	-0.42	-1.02	-0.42
E 186 W		E 187 W		E 188 W	E 189 W
143.85	144.35	142.57	143.07	141.29	141.79	140.01	140.51
7.76	7.26	9.04	8.54	10.32	9.82	11.60	11.10
8.63	7.56	9.74	8.83	11.04	10.18	1241	1146
-0.87	-0.30	-0.70	-0.29	-0.72	-0.36	-0.81	-0.36
E 190 W		E 191 W		E 192 W		E 193 W	
138.73	139.23	137.45	137.95	135.90	136.40	134.36	134.86
0.37	+0.13	1.65	1.15	3.20	2.70	4.74	424
1.28	0.35	2.68	0.39	4.24	2.10	4.97	396
-0.91	-0.48	-1.03	+0.76	-1.04	+0.60	-0.23	+0.28
E 194 W		E 195 W		E 196 W		E 197 W	
132.81	133.31	131.27	131.77	129.73	130.23	12818	12868
6.29	5.79	7.83	7.33	9.37	8.87	10.92	10.42
6.60	6.95	8.55	7.04	10.24	12.31	1145	13.80
-0.31	-1.16	-0.72	+0.29	-0.87	-3.44	-0.53	-2.78
E 198 W		E 199 W		E 200 W		E 201 W	
126.64	127.14	125.09	125.59	123.55	124.05	12210	12260
0.94	0.44	2.49	1.99	4.03	3.53	5.48	498
1.42	0.125	3.00	4.66	4.37	5.43	578	6.74
-0.48	+0.19	-0.51	-2.67	-0.34	-1.90	-0.30	-1.76
E 202 W		E 203 W		E 204 W		E 205 W	
120.66	121.16	119.21	119.71	117.77	118.27	116.33	116.83
6.92	6.42	8.37	7.87	9.81	9.31	11.25	10.75
7.26	8.08	8.71	9.05	10.17	9.79	11.62	10.92
-0.34	-1.66	-0.34	-1.18	-0.36	-0.48	-0.37	-0.17
E 206 W		E 207 W		E 208 W		E 209 W	
114.88	115.38	113.44	113.84	111.99	11249	110.67	110.92
12.70	1220	1119	0.69	2.64	2.14	3.96	3.71
13.05	1226	1152	0.79	266	2.74	322	445
-0.35	-0.06	-0.33	-0.10	-0.02	-0.60	+0.74	-0.74

24.20'					
24.20'	206	114.88	115.23	115.38	26.06'
24.20'	207	113.44	113.79	113.94	26.06'
24.20'	208	111.99	112.34	112.49	26.06'
24.20'	209	110.67	110.90	110.92	26.06'
24.38'	210 P.C.		110.10		26.06'
24.38'	211	109.48	109.38	109.08	20.43'
24.38	212	108.96	108.66	108.16	20.43
24.38	213	108.24	107.94	107.44	20.43'
24.38	214	107.53	107.23	106.73	20.43'
24.38'	215	106.81	106.51	106.01	20.43
P.C. 57.10'	216	105.90	105.80	105.50	20.43'
51.48'	217	103	103.30		
51.47'	218		100.85		
51.47'	219		98.40		
51.47'	220		95.90		
50.63'	221		93.90 ⊙		
50.62'	222		92.41		
50.62'	223		90.93	2.28%	
28'	224		89.45		
50'	225		88.63		
50'	226		87.16		
50'	227		85.76	85.70 ⊙	
27.89'	228		84.90		
50.63'	229		84.46	1.58%	
50.62'	230		83.66		
50.62'	231		82.86		

108.78 = Stub.
+3.87
112.65 ⊼
−12.85
99.80
+0.55
100.35 ⊼
−12.81
87.54
0.77
88.37 ⊼
−9.43
78.88
+2.49
81.37 ⊼
7.44
73.93 = B.M.
James:

110.67	209	110.92
1.98		1.73
1.26		2.49
+0.72		−0.76
+0.72	✓	−0.74

E 210	W	E 211	W	E 212	W	E 213	W
110.00	110.00	109.48	109.08	109.96	108.16	108.24	107.44
2.65	2.65	3.17	3.57	3.69	4.49	4.41	5.21
2.30	3.44	3.01	4.12	4.21	4.77	4.77	5.42
+0.35	−0.79	+0.16	−0.55	−0.52	−0.28	−0.36	−0.21

E 214	W	E 215	W	E 216	W	E 217	W
107.53	106.73	106.81	106.01	105.90	105.50	103.20	103.20
5.12	5.92	5.84	6.64	6.75	7.15	9.45	9.45
5.22	6.07	6.03	6.75	6.82	7.40	9.68	9.62
−0.10	−0.15	−0.19	−0.11	−0.07	−0.25	−0.23	−0.17

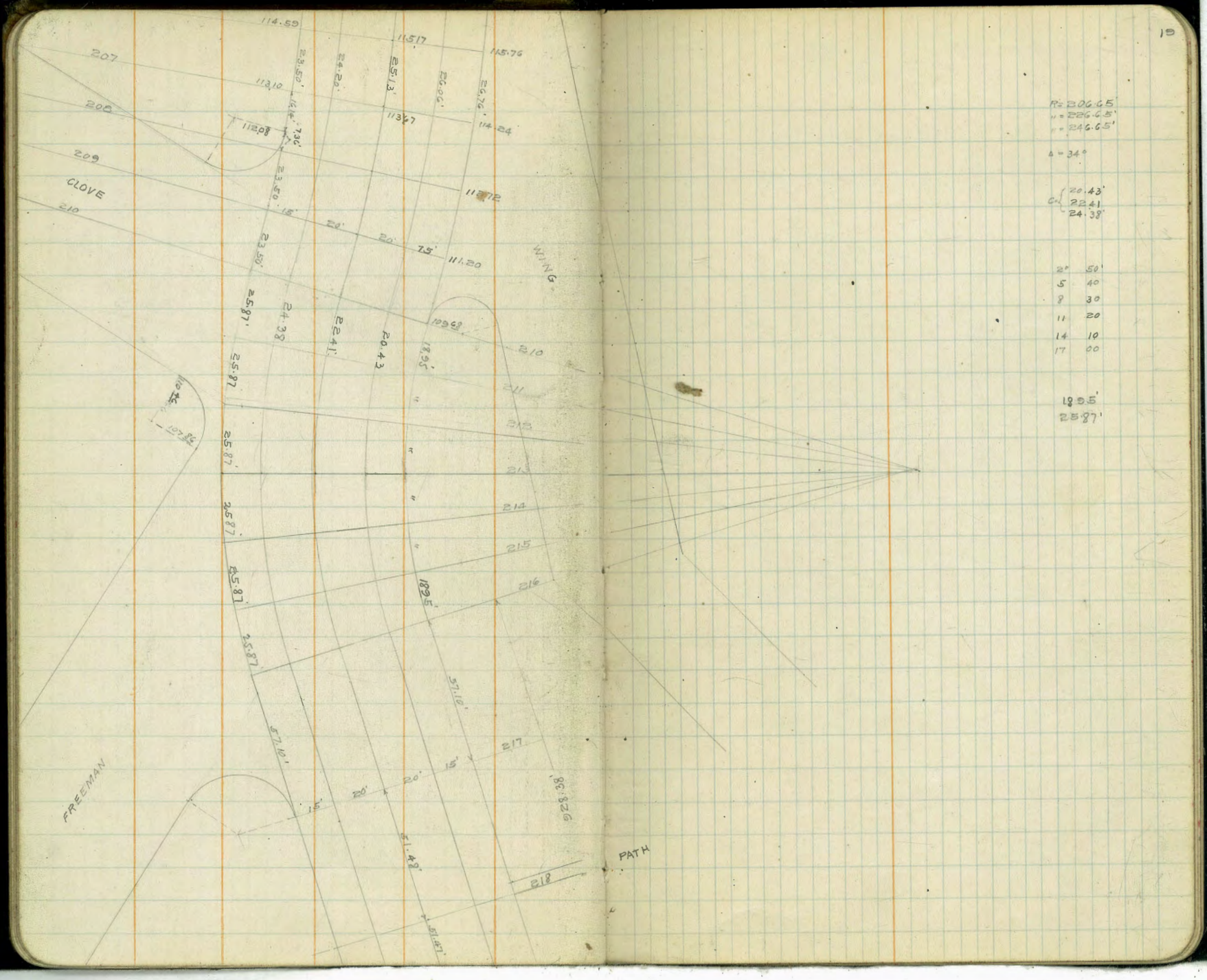
E 218	W	E 219	W	E 220	W	E 221	W
100.75	100.75	98.30	98.30	95.80	95.80	93.80	93.80
11.90	11.90	2.05	2.05	4.55	4.55	6.55	6.55
12.34	12.19	2.54	2.47	5.07	4.95	6.97	7.05
−0.44	−0.29	−0.49	−0.42	−0.52	−0.40	−0.42	−0.50

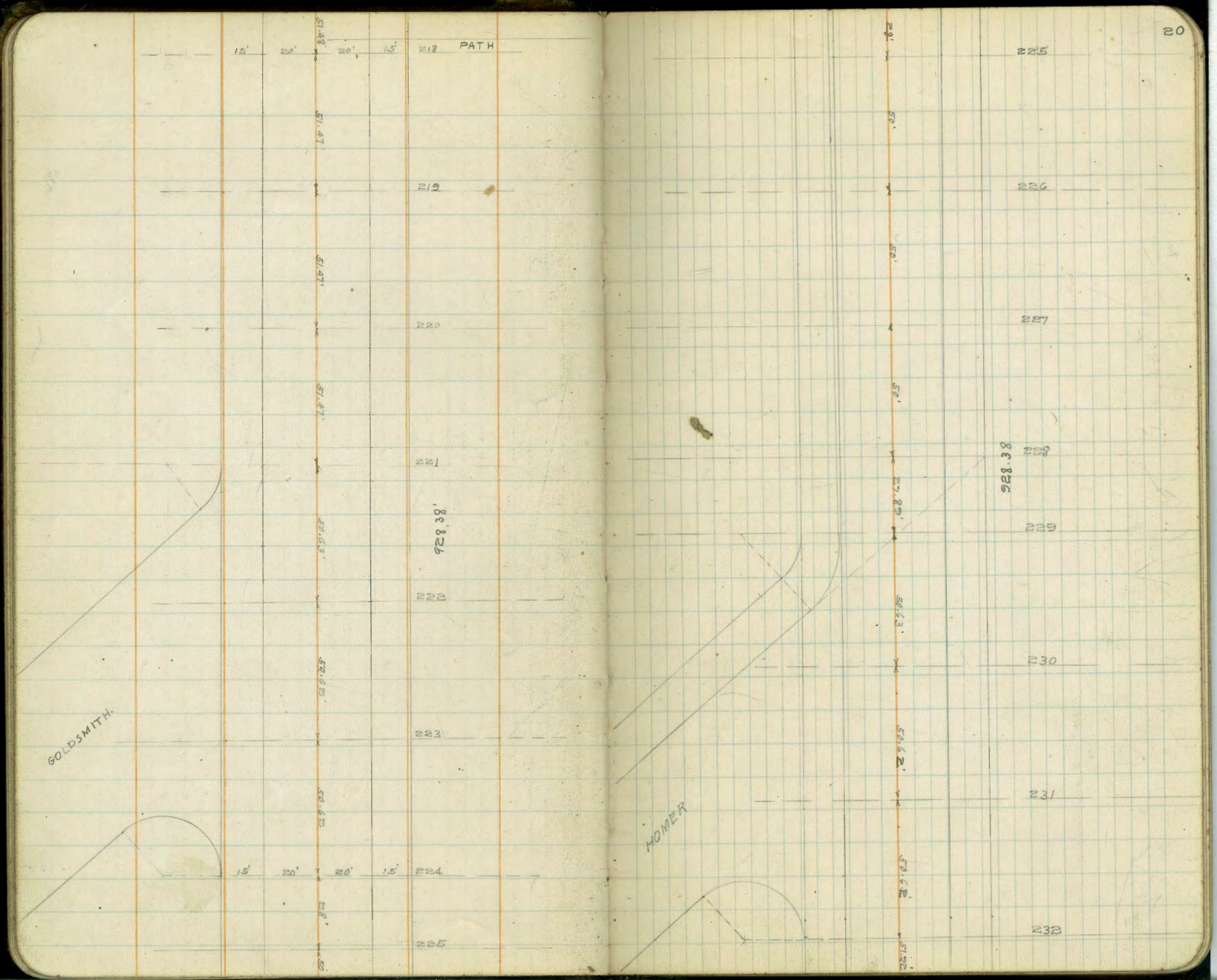
E 222	W	E 223	W	E 224	W	E 225	W
92.31	92.31	90.83	90.83	89.35	89.35	88.53	88.53
8.04	8.04	9.52	9.52	11.00	11.00	11.82	11.82
8.02	8.54	9.70	10.06	11.40	11.52	12.30	12.37
+0.02	−0.50	−0.18	−0.54	−0.40	−0.52	−0.48	−0.55

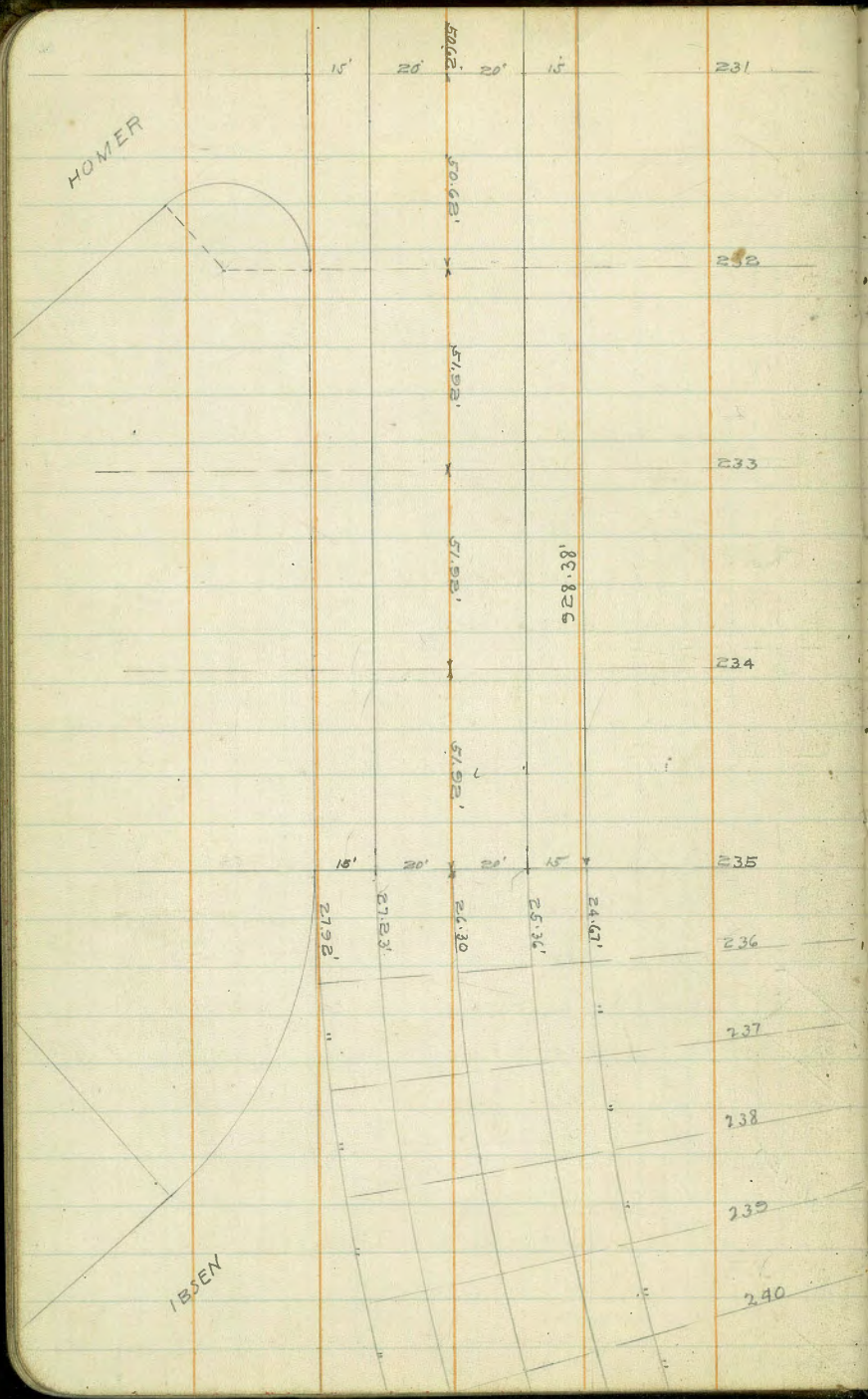
E 226	W	E 227	W	E 228	W	E 229	W
87.06	87.06	85.66	85.66	84.80	84.80	84.36	84.36
1.25	1.25	2.65	2.65	3.51	3.51	3.95	3.95
1.75	1.79	3.12	3.19	4.35	4.41	4.86	4.87
−0.50	−0.54	−0.47	−0.54	−0.84	−0.90	−0.91	−0.92

E 230	W	E 231	W	E 232	W	233	
83.56	83.56	82.76	82.76	81.96	81.96	81.14	81.14
4.75	4.75	5.55	5.55	6.35	6.35	7.17	7.17
5.16	5.64	6.08	6.48	7.27	7.31	7.99	8.09
−0.41	−0.89	−0.53	−0.93	−0.92	−0.96	−0.82	−0.92

E 234	W
80.32	80.32
7.99	7.99
8.67	8.96
−0.68	−0.97


114.59
11.517
115.76
207
113.10
25.13'
26.06'
26.76'
114.24
206
112.08
113.67
23.50'
24.20'
7.36'
209
CLOVE
210
23.50'
11.372
20'
20'
7.5'
111.20
WING
25.87'
24.38
22.41'
20.43
19.95'
109.63
210
211
212
213
214
215
216
217
218
25.87'
25.87'
25.87'
25.87'
25.87'
18.25'
57.10'
57.10'
20'
20'
15'
51.48'
51.48'
FREEMAN
PATH
R = 206.65'
r = 226.65'
r = 246.65'
Δ = 34°
C = 20.43'
22.41
24.38'
2° 50'
5 40
8 30
11 20
14 10
17 00
189.5'
25.87'


15'
20'
20'
15'
218
PATH
219
220
221
928.38'
222
223
224
225
GOLDSMITH.
226
227
228
229
230
231
232
HOMER



21 chords:

1°	20"	↙
2	40	↙
4	00	↙
5	20	↙
6	40	↙
8	00	↙
9	20	↙
10	40	↙
12	00	↙
13	20	↙
14	40	↙
16	00	↙
17	20	↙
18	40	↙
20	00	↙
21	20	↙
22	40	↙
24	00	↙
25	20	↙
26	40	↙
28	00	↙

P.C. ℄ R = 565' Δ = 56°

C { 530' = 24.67'
  565' 26.30'
  600 27.92'

Lc = 543.28'
M = 68.47'

50.62'						
57.98'	232		82.06			
51.98'	233		81.24 - 1.58%			
51.98'	234	24.69 / 27.23	79.98	80.03	79.80	25.56 / 25.36
BC. 27.23'	235	79.63		79.60 ⊙	79.38	25.36'
27.23	236	79.31		79.16	78.81	25.36'
27.23'	237	78.87		78.72	78.37	25.36'
27.23'	238	78.42		78.27	77.92	25.36'
27.23'	239	77.98		77.83	77.48	25.36'
27.23'	240	77.54		77.39	77.04	25.36'
27.23'	241	77.09		76.94	76.59	25.36'
27.23'	242	76.65		76.50 ⊙	76.15	25.36'
27.23'	243	76.17		76.02	75.67	25.36'
27.23'	244	75.70		75.55	75.20	25.36'
27.23'	245	75.22		75.07	74.72	25.36'
27.23'	246	74.74		74.59	74.24	25.36'
27.23'	247	74.26		74.11	73.76	25.36'
27.23'	248	73.78		73.63	73.28	25.36
27.23	249	73.31		73.16	72.81	25.36'
27.23'	250	72.83		72.68	72.33	25.36'
27.23	251	72.35		72.20 ⊙	71.85	25.36'
27.23'	252	72.05		71.90	71.55	25.36'
27.23'	253	71.75		71.60	71.25	25.36'
27.23'	254	71.45		71.30	70.95	25.36'
27.23'	255	71.03		71.00	70.77	25.36'
P.R.C. 2277'	256			70.70 ⊙		25.66'
	257	70.10		70.40	70.50	

BM 73.93
+ 6.25
80.18 ✗
- 8.20
71.98
+ 0.32
72.30 ✗

E 234 W

80.32	80.37
0.84	-0.14
0.56	0.83
-0.70	-0.97
0.68	-0.97

E Sub	W	E 235 W		E 236 W		E 237 W	
79.93	79.89	79.63	79.38	79.81	78.81	78.87	78.37
0.25	-0.29	-0.55	-0.80	0.87	1.37	1.31	1.81
0.28	1.31	1.31	1.74	1.50	2.21	1.46	2.05
-0.67	-1.02	-0.76	-0.94	-0.63	-0.84	-0.15	-0.84

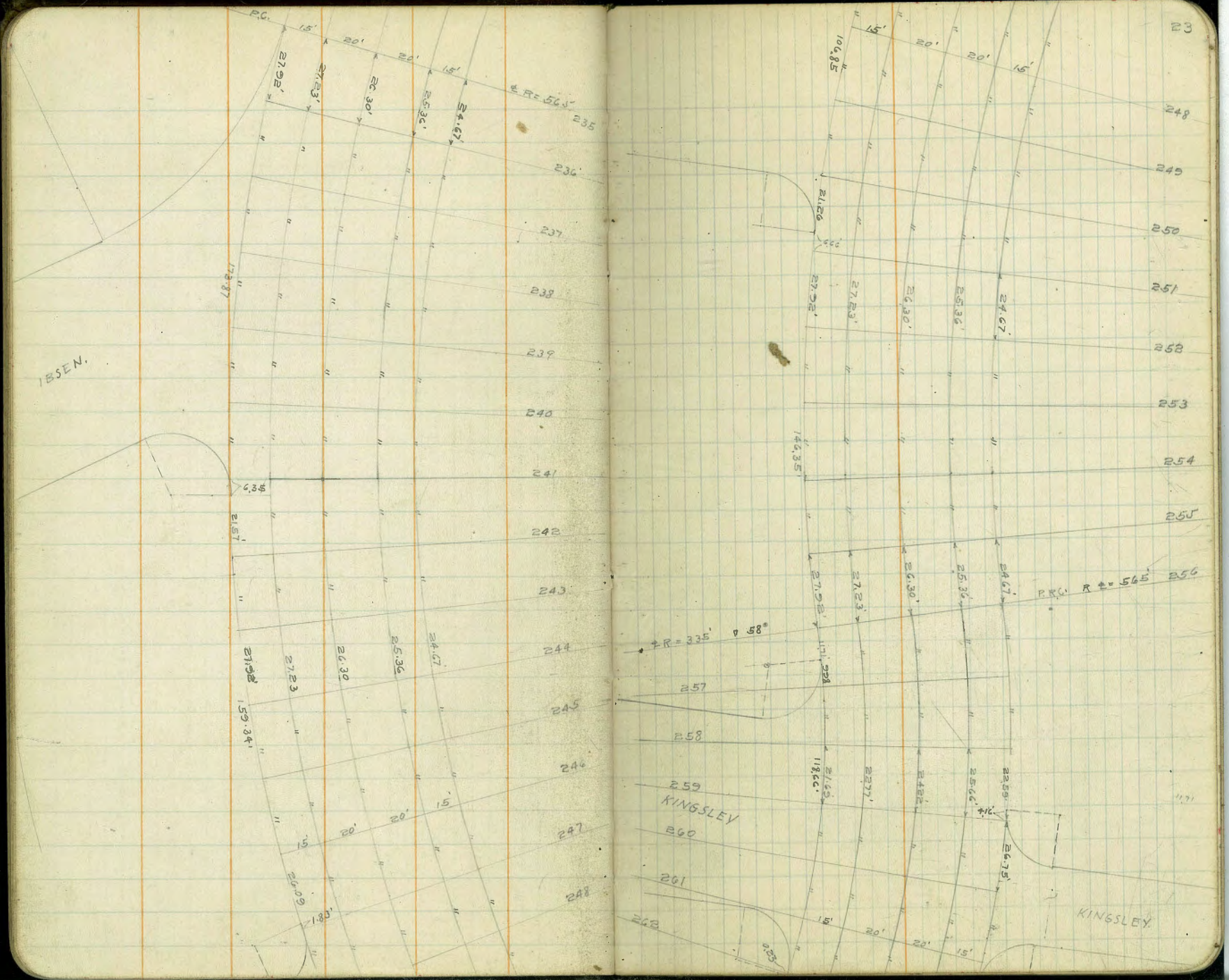
E 238 W		E 239 W		E 240 W		E 241 W	
78.42	77.92	77.98	77.48	77.54	77.04	77.09	76.59
1.76	2.26	2.20	2.70	2.64	3.14	3.09	3.59
1.50	3.17	1.50	3.59	2.78	4.07	3.86	4.48
+0.26	-0.91	+0.30	-0.89	-0.14	-0.93	-0.77	-0.89

E 242 W		E 243 W		E 244 W		E 245 W	
76.65	76.15	76.17	75.67	75.70	75.20	75.22	74.72
3.53	4.03	4.01	4.51	4.48	4.98	4.96	5.46
+4.41	4.92	4.93	5.36	5.44	5.79	5.97	6.18
-0.88	-0.89	-0.92	-0.85	-0.96	-0.81	-1.01	-0.72

E 246 W		E 247 W		E 248 W		E 249 W	
74.74	74.24	74.26	73.76	73.78	73.28	73.31	72.81
5.44	5.94	5.92	6.42	6.40	6.90	6.87	7.37
6.46	6.59	6.89	7.04	6.75	7.45	6.94	7.88
-1.02	-0.65	-1.07	-0.62	-0.35	-0.55	-0.07	-0.51

E 250 W		E 251 W		E 252 W		E 253 W	
72.83	72.33	72.35	71.85	72.05	71.55	71.75	71.25
7.35	7.85	7.85	8.33	8.13	8.63	8.55	1.05
8.09	8.27	9.15	8.65	9.36	9.02	1.79	1.46
-0.74	-0.42	-1.32	-0.32	-1.23	-0.39	-1.24	-0.41

E 254 W		E 255 W		E 256 W	
71.45	70.95	71.03	70.77	70.60	70.60
8.85	1.35	1.27	1.53	1.70	1.70
2.08	1.72	2.45	2.03	2.74	2.27
-1.23	-0.37	-1.18	-0.50	-1.04	-0.57


P.C.
15'
20'
20'
15'
℄ R = 564.5'
235
236
237
238
239
240
241
242
243
244
245
246
247
248
IBSEN.
27.92'
27.23'
26.30'
25.36'
24.67'
6.3℄
21.51'
18.87'
27.92'
27.23'
26.30'
25.36'
24.67'
159.34'
26.09'
1.83'
15'
20'
20'
15'
23
105.85'
15'
20'
20'
15'
248
249
250
251
252
253
254
255
256
21.29'
23.52'
27.23'
26.30'
25.36'
24.67'
146.35'
P.R.C. R = 564.5'
℄ R = 335'
Δ 58°
27.92'
27.23'
26.30'
25.36'
24.67'
257
258
259
KINGSLEY
260
261
262
118.66'
27.63'
22.77'
24.22'
25.46'
22.59'
26.75'
KINGSLEY
15'
20'
20'
15'
0.25

P R = 144.03' C = 19.68'
S R = 129.03' C = 17.63'
℄ R = 100.03' 14.90'

Δ = 47°

d = GC

3° 55'
7 50
11 45
15 40
19 35
23 30

Δ = 53° 31' 22"

R to paving = 147.79'

R to Stake line = 137.79'

C { 17.25'
16.08'

d & C = 3° 20' 43'
6 41 25
10 02 08
13 22 50
16 43 33
20 04 16
23 24 58
26 45 41

P.O.C. West side

PLEASANT

KINGSLEY.

KINGSLEY.

416'

C.G.&E.

396

17.76'

21.46'

15' 20' 20' 15'

21.69'
22.27'
24.22'
25.66'
26.75'

14 C

2° 4.3'
4 8.6
6 12.9
8 17.2
10 21.5
12 25.8
14 30.1
16 34.4
18 38.7
20 43
22 47.3
24 51.6
26 55.9
29 00.2

R ℄ = 375'
Δ = 58°

C = 21.69'
22.27'
24.22'
25.66'
26.75'

℄ 344.25'
M = 44.51'

Arc Length R 315' = 283.02'
C = " " = 289.94'

d 9.70' = 52' 53"

W.L. EVERGREEN & SOUTH

22.77'	258	69.60	70.10	70.40	25.66'
22.77'	259	69.30	69.80	70.10	25.66'
22.77'	260	69.00	69.50	69.80	25.66'
22.77'	261	68.51	69.01	69.31	25.66'
22.77'	262	68.02	68.52	68.82	25.66'
22.77'	263	67.53	68.03	68.33	25.66'
22.77'	264	67.04	67.54	67.84	25.66'
22.77'	265	66.55	67.05	67.35	25.66'
22.77	266	66.06	66.56	66.86	25.66'
22.77'	267	65.57	66.07	66.37	25.66'
	268	64.98	65.58	65.98	25.66'
PC. on E	269	64.39	65.09	65.59	25.66'
P.C.C. on W	270	63.80	64.60	65.20	17.63'
	271	63.42	64.32	65.02	17.63'
	272	63.13	64.03	64.73	17.63'
	273	62.85	63.75	64.45	17.63'
	274	62.57	63.47	64.17	17.63'
	275	62.28	63.18	63.88	17.63'
P.T. on E	276	62.15 62.22	62.9	63.42	22.77'
P.T. on W 22.77		62.05			
32.57'	277	62.09	62.52	62.78	32.57'
40	278	61.87	61.97	61.87	40'

8 chords @ 10.0

277 = W.E. EVERGREEN ON S. 61.30

72.30 π See page 82
− 10.37
61.93 = T.P.
+ 3.62
65.55 π

E 257 W.		E 258 W		E 259 W		E 260 W	
70.10	70.50	69.60	70.40	69.30	70.10	69.00	69.80
2.20	1.80	2.70	1.90	3.00	2.20	3.30	2.50
2.93	2.49	2.53	2.62	2.68	2.82	3.26	2.94
−0.73	−0.69	+0.17	−0.72	+0.32	−0.62	+0.04	−0.44

E 261 W		E 262 W		E 263 W		E 264 W	
68.51	69.31	68.02	68.82	67.53	68.33	67.04	67.84
3.79	2.99	4.28	3.48	4.77	3.97	5.26	4.46
4.35	3.55	5.10	4.00	5.65	4.53	6.16	5.03
−0.56	−0.56	−0.82	−0.52	−0.88	−0.56	−0.90	−0.57

E 265 W		E 266 W		E 267 W		E 268 W	
66.55	67.35	66.06	66.86	65.57	66.37	64.98	65.98
5.75	4.95	6.24	5.44	6.73	5.93	7.32	6.32
6.63	5.47	7.17	5.99	7.71	6.48	8.28	6.96
−0.88	−0.52	−0.93	−0.55	−0.98	−0.55	−0.96	−0.64

269 W		270 W		271 W		272 W	
65.59		65.20		65.02		64.73	
6.71		7.10		7.28		7.57	
7.39		7.88		8.30		8.70	
−0.68		−0.78		−1.02		−1.13	

273 W		274 W		275 W		276 W	
64.45		64.17		63.88		63.42	
7.85		8.13		8.42		8.88	
9.17		9.54		10.01		10.40	
−1.32		−1.41		−1.59		−1.52	

0E	1E	2E	3E	4E	5E	6E	7E	8E
64.73	64.36	63.90	63.41	63.01	62.62	62.25	62.11	62.05
7.57	7.94	8.40	8.89	9.29	9.68	10.05	10.19	10.25
8.55	9.00	8.35	8.57	8.77	8.95	9.23	9.52	10.71
−0.98	−1.06	+0.05	+0.32	+0.52	+0.73	+0.82	+0.67	−0.46

B 277 W		E 278 W		E 279 W	
62.05	62.78	61.97	61.87	61.20	61.20
3.50	2.77	3.68	3.68	4.35	4.35
3.96	4.02	4.53	4.56	4.63	5.05
−0.46	−1.25	−0.85	−0.88	−0.28	−0.70

0 = 64.73

1 = 64.36

2 = 63.90

3 = 63.41

4 63.01

5 62.62

6 62.25

7 62.11

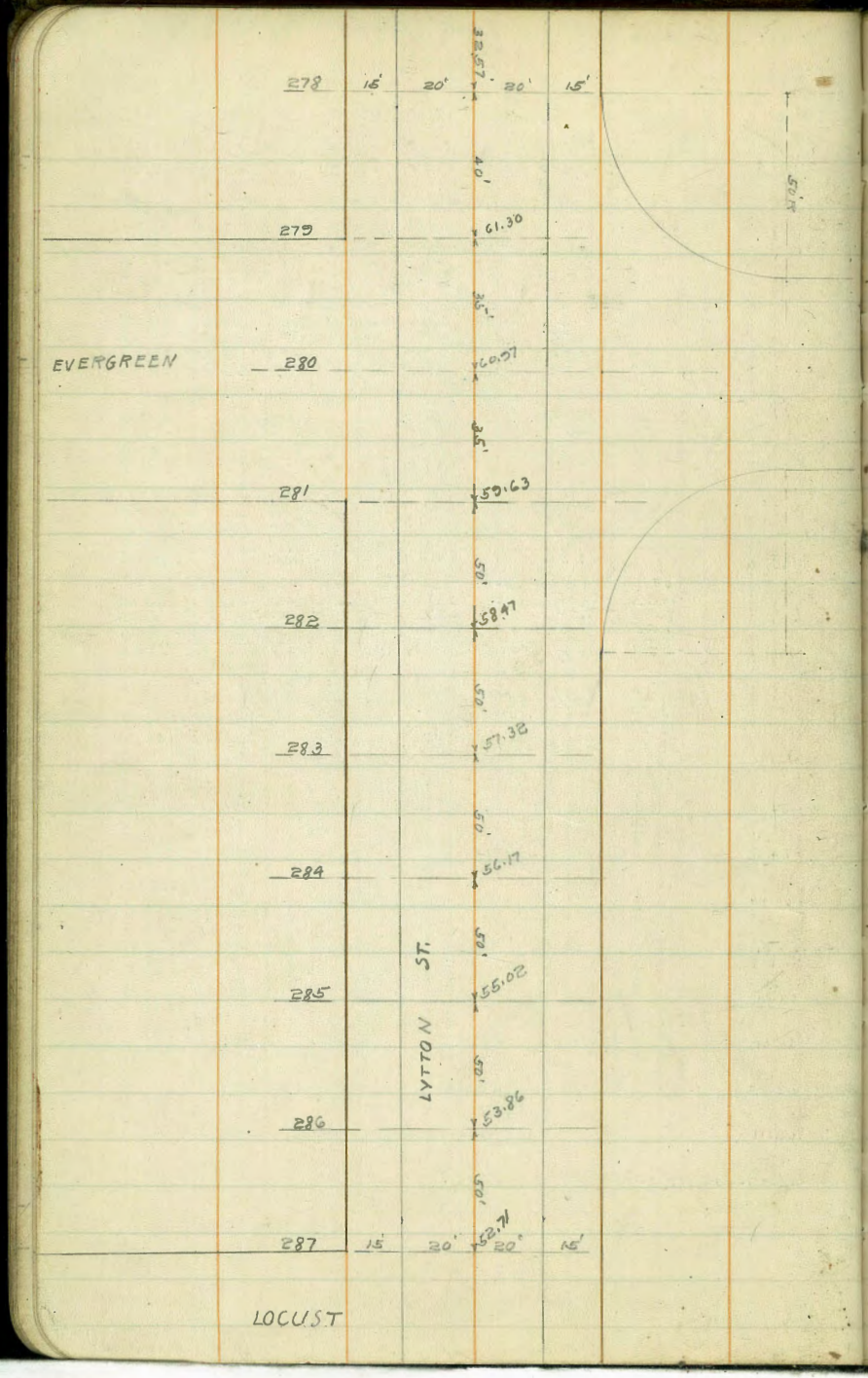
8 62.05 = Sta 277

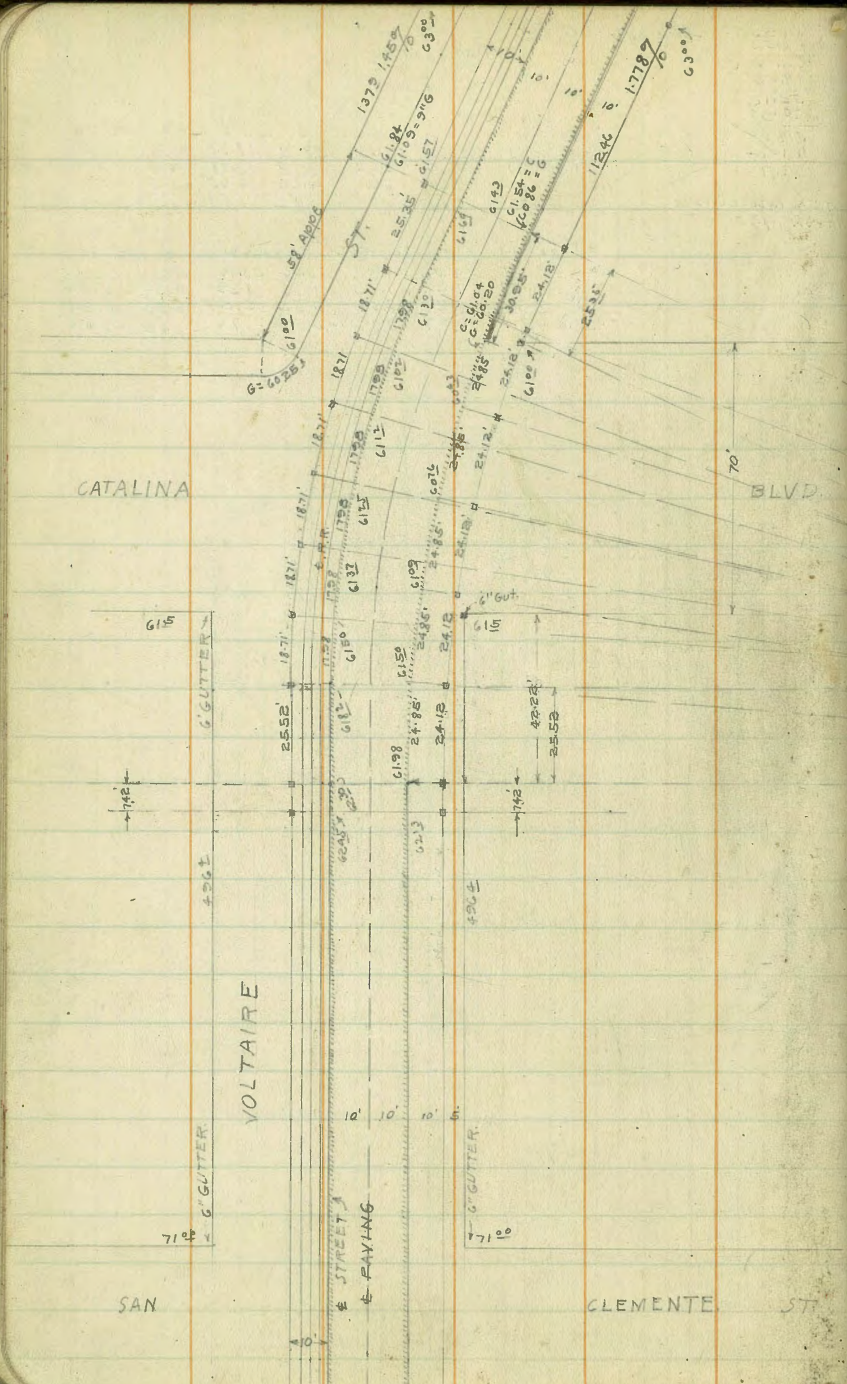
61.23 T.P. See page 25
+ 0.22
62.15 π
- 10.03
52.12
10.38
53.10 π
11.34
41.76 =

West B.M. Rosecrans Bx
LYTTON 41.75

	E 279 W		E 280 W		E 281 W		E 282 W		E 283 W	
	61.20	61.20	60.87	60.87	59.53	59.53	58.37	58.37	57.22	57.22
	0.95	0.95	1.28	1.28	2.62	2.62	3.78	3.78	4.93	4.93
	1.25	1.64	1.60	2.07	2.66	2.91	4.60	4.65	5.80	5.79
	-0.30	-0.69	-0.32	-0.79	-0.04	-0.29	-0.82	-0.87	-0.87	-0.86
	-0.28	-0.70								

E 284 W		E 285 W		E 286 W		E 287 W	
56.07	56.07	54.92	54.93	53.76	53.76	52.61	52.61
6.08	6.08	7.23	7.23	8.39	8.39	9.54	9.54
6.99	6.93	8.20	8.04	9.32	9.15	10.03	10.24
-0.91	-0.85	-0.97	-0.81	-0.93	-0.76	-0.49	-0.70





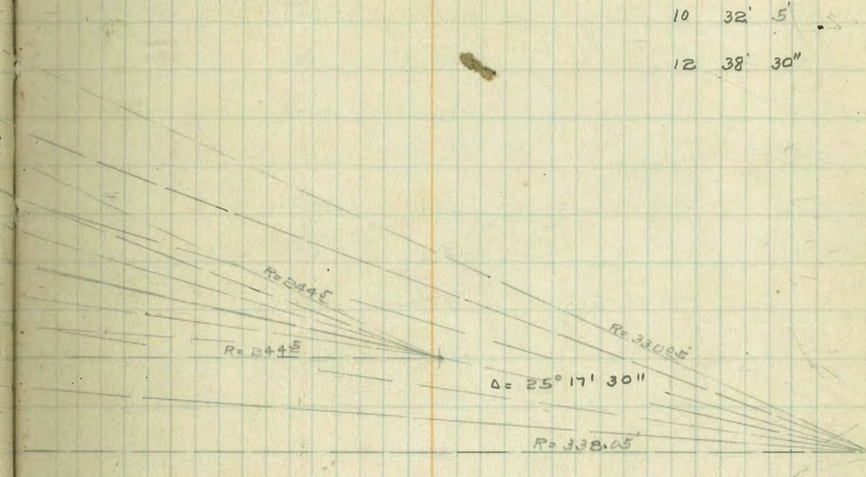
Δ = 25° 17' 30"   t = 25.58' = 348.00

R = 338.05'   = C 24.85'

R = 328.05' = T 73.58' = C 24.17

Lc = 143.58'

2°	6'	25"
4	12	50"
6	19	15"
8	25'	40"
10	32'	5'
12	38'	30"



Δ = 25° 17' 30"   Lc = 111.34'

R = 244.5   c 18.71 stake
17.98 PAVING

R = 254.5   T = 57.08'

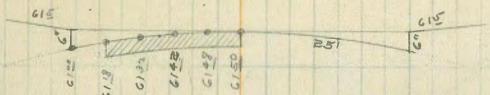
VOLTAIRE.

Station - E.L. of Catalina Blvd.				
0	61.5	61.50	61.18	61.5
+ 49.64	1	62.45	62.13	
+ 99.28	2	63.40	63.08	
1+48.92	3	64.35	64.03	
1+98.56	4	65.30	64.98	
2+48.20	5	66.25	65.93	
2+97.84	6	67.20	66.88	
3+47.48	7	68.15	67.83	
3+97.12	8	69.10	68.78	
4+46.76	9	70.05	69.73	
4+96.40 = W.L SAN CLEMENTE BLVD	10 71.00	71.00	70.68	71.00
		71.50	71.18	

10 EQUAL STATIONS OF 49.64'

S.L. PAVING

N.L. PAVING



TYPICAL XSECTION for BLK

72.42 B.M. RR Spk San Clemente:
+ 0.20
72.62 π
- 10.53 Spk Catalina
62.09
+ 11.76
73.85 π
- 0.39
73.46
+ 7.83
81.29 π
- 2.32
78.97 =
79.00 West Mon:

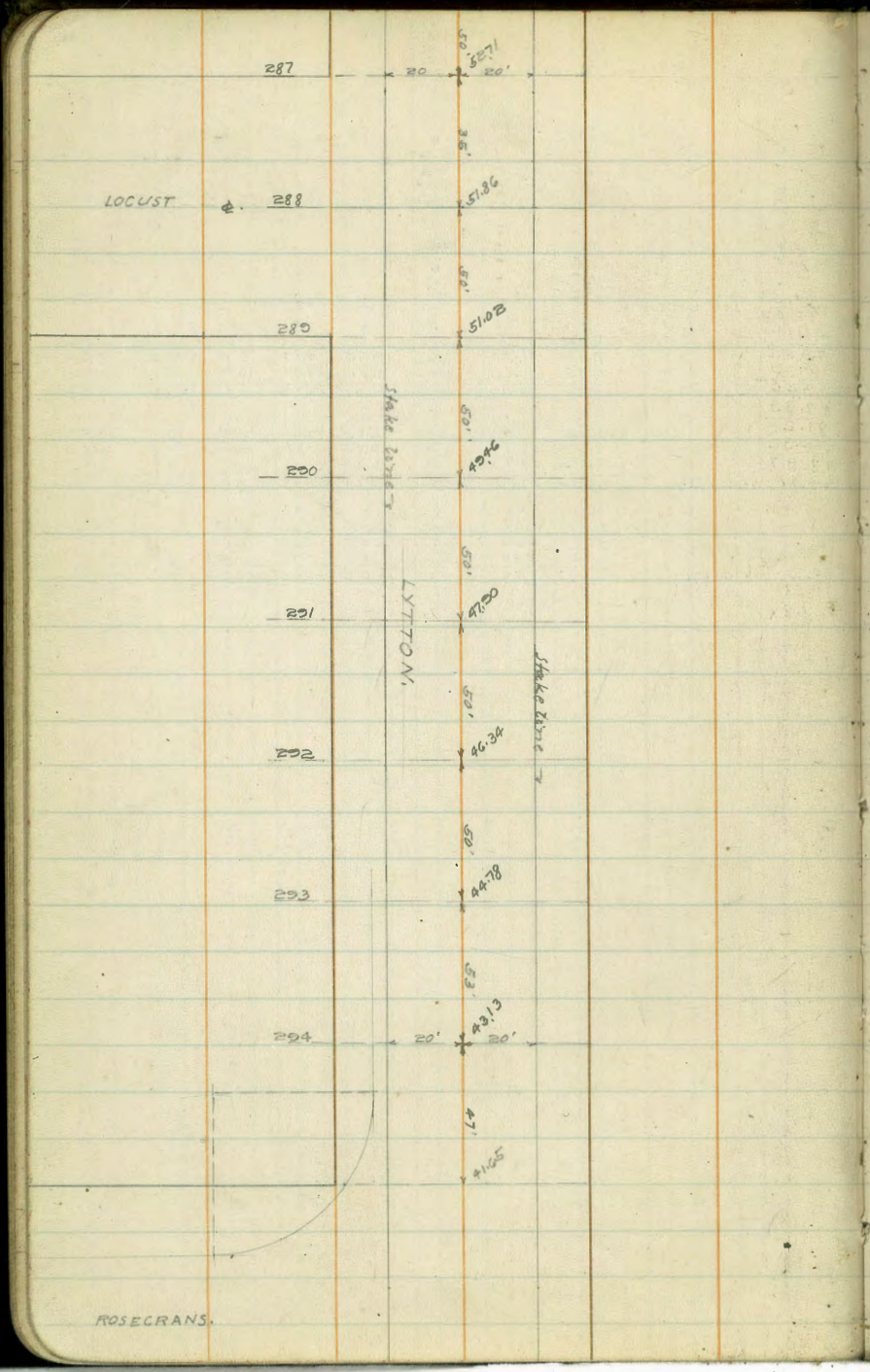
62.10 Spk above.
10.58 Corrected:
72.68 π

T 72.68

1 S	1 N	2 S	2 N	3 E	3 W	3 S	3 N
61.50	61.18	62.45	62.13	63.40	63.08	64.35	64.03
11.18	11.50	10.23	10.55	9.28	9.60	8.33	8.65
10.85	11.68	10.60	11.00	10.07	10.10	9.68	9.40
+0.33	-0.18	-0.37	0.45	-0.79	-0.50	+1.35	-0.75

4 S	4 N	5 S	5 N	6 S	6 N	7 S	7 N
65.30	64.98	66.25	65.93	67.20	66.88	68.15	67.83
7.38	7.70	6.43	6.75	5.48	5.80	4.53	4.85
8.04	8.73	7.27	6.86	5.36	4.81	3.93	3.50
1.56	-1.03	-0.84	-0.11	+0.12	+0.99	+0.60	+1.35

8 S	8 N	9 S	9 N	10 S	10 N	0 S	0 N
69.10	68.78	70.05	69.73	71.00	70.68	71.50	71.18
3.58	390	2.63	2.95	1.68	2.00	1.18	1.50
2.85	2.40	2.30	1.85	1.71	1.28	1.20	0.82
+0.73	+1.50	+0.33	+1.06	-0.03	+0.72	-0.11	+0.68



29

91.75 BM. ROSECRANS
+11.38
53.13 π

E 287 W	
52.61	52.61
0.52	0.52
1.02	1.24
-0.50	-0.72
-0.49	-0.70

E 288 W	
51.76	51.76
1.37	1.37
1.00	2.12
+0.37	-0.75

E 289 W	
50.02	50.02
2.81	2.21
2.40	3.19
-0.19	-0.98

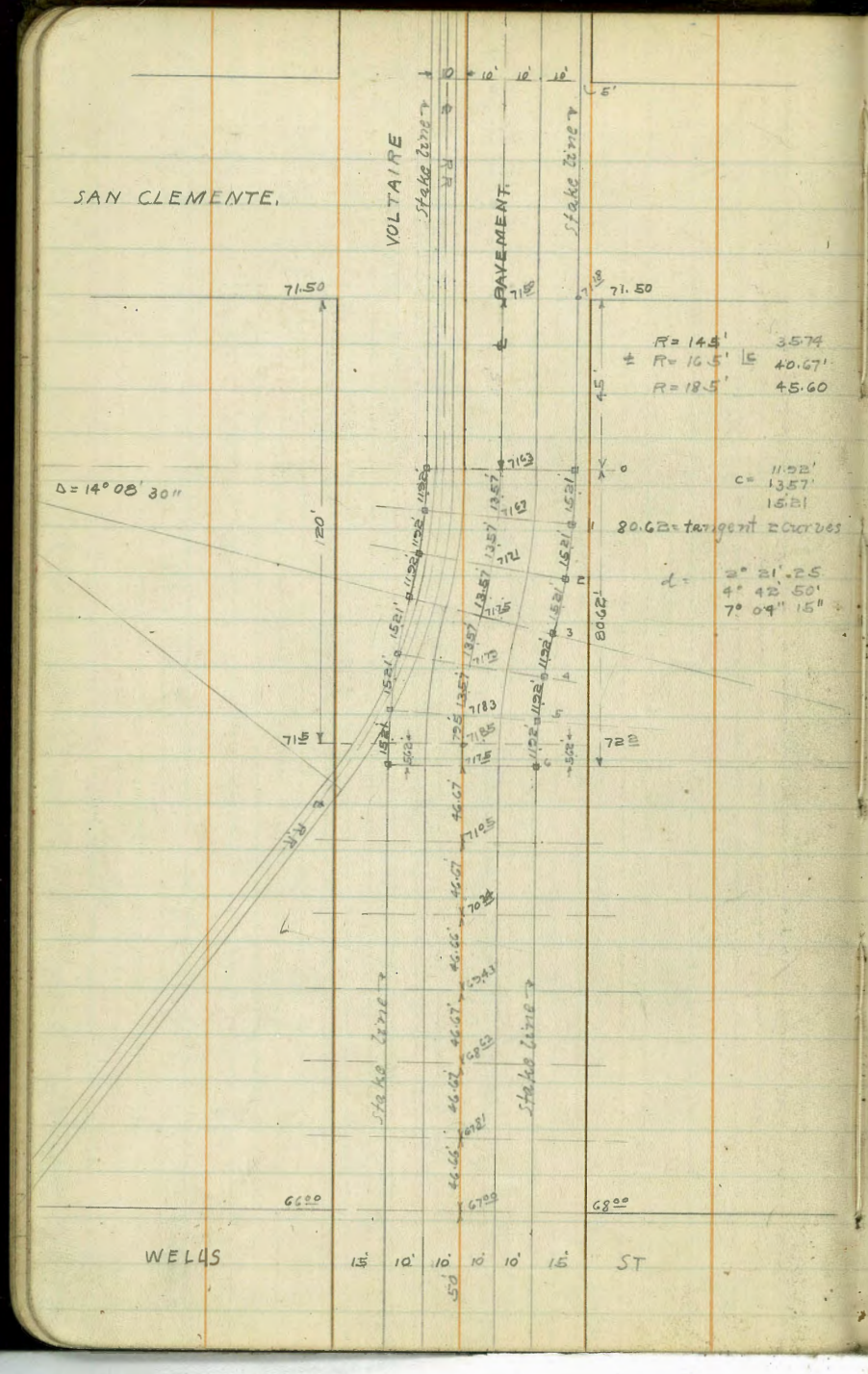
E 290 W	
49.36	49.36
3.77	3.77
4.54	4.62
-0.77	-0.85

E 291 W	
47.80	47.80
5.33	5.33
6.15	6.18
-0.82	-0.85

E 292 W	
46.24	46.24
6.89	6.89
7.75	7.71
-0.86	-0.82

E 293 W	
44.68	44.68
8.45	8.45
9.31	9.29
-0.86	-0.84

43.03	43.03
10.10	10.10
11.00	10.87
-0.90	-0.77



E.L. SAN CLEMENTE:

BM 72.42 West Sph:
3.84
76.26 π

S	N
76.26	76.26
71.50	71.18
4.76	5.08
4.86	4.38
-0.10	+0.70
-0.11	+0.68

0 S	0 N	1 S	1 N	2 S	2 N	3 S	3 N
71.53	71.53	71.57	71.57	71.61	71.61	71.65	71.65
4.73	4.73	4.69	4.69	4.65	4.65	4.61	4.61
4.63	4.64	4.56	5.04	4.45	5.24	4.44	7.47
+0.10	+0.09	+0.13	-0.35	+0.20	-0.59	+0.17	-2.86
				+0.10?			

4 S	5 S	6 S	6 N
71.69	71.73	71.65	71.65
4.57	4.53	4.67	4.61
4.55	4.12	16.08	11.70
+0.02	+0.41	-1.47	-7.09

72.42
2.30
74.72 π

74.72	74.72	74.72	74.72	74.72	74.72	74.72	74.72	Furnish Stakes
71.65	71.85	71.05	70.24	69.43	68.62	67.81	67.00	
3.07	2.87	3.67	4.48	5.29	6.10	6.91	7.72	
4.52								
-1.45 =								
-1.47								

74.25 π See page 32

73.25	
66.90	
7.35	

72.61 BM
1.90
74.31 π

74.31	
71.65	
2.66	

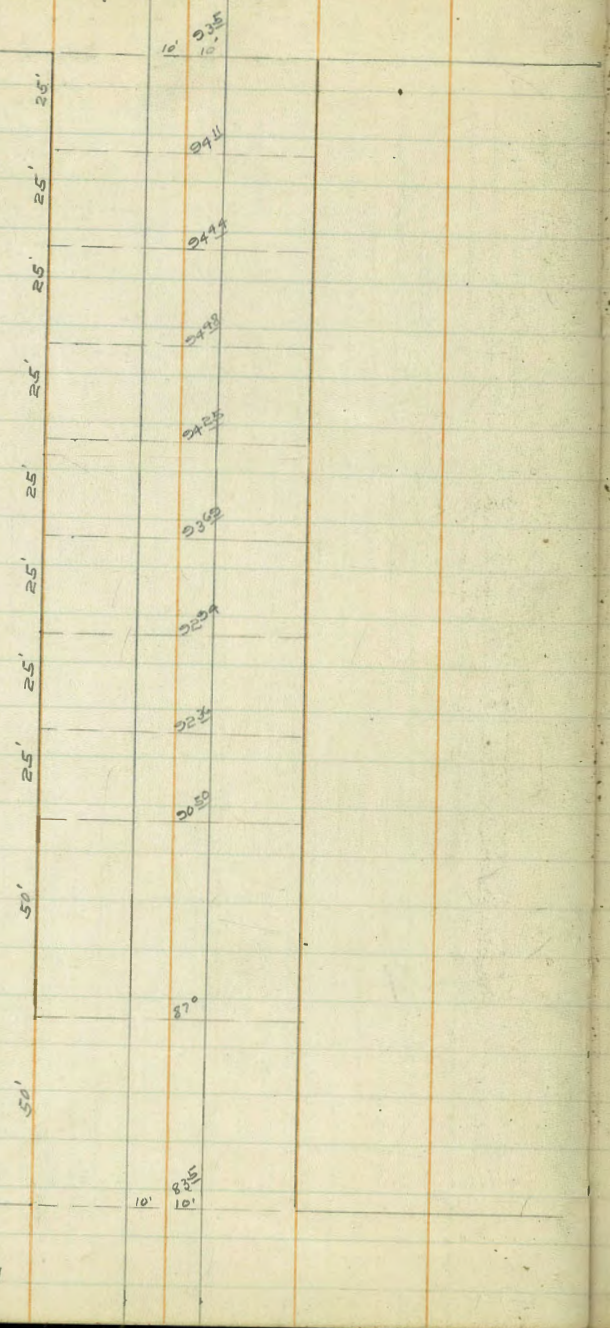
Δ = 14° 08' 30"

72.42
3.90
76.32 π

B.M. 72.42
+3.90
76.32 π

71.65	71.73	71.69	71.65	71.61
4.67	4.59	4.63	4.67	4.71

WORDEN



WARRINGTON

77.34 T.P. ELE from Chat'sh
+12.25
89.59 x
-0.02
89.57
+10.40
99.97 x
- 5.52
94.45
+ 8.66
103.11 x
-0.34
102.77 = BM WORDEN
+ 0.34
103.11 x
-12.83
90.28
+0.49
90.77 x
-12.50
78.27
+0.22
78.49 x
-12.91
65.58
+11.39
76.97 x
-4.56
72.41 = BM West Spk
72.42

Finish:

99.97	99.97	99.97	99.97	99.97	99.97	99.97
90.50	92.36	92.94	93.69	94.25	94.48	94.44
9.47	7.61	7.03	6.28	-5.72	5.49	5.53

103.11 103.11 stakes
94.11 93.50
9.00 9.61

97.52	97.52	97.52	97.52	97.52	97.52	97.52
93.50	94.11	94.44	94.48	94.25	93.65	92.94
4.02	3.41	3.08	3.04	3.27	3.83	4.58

97.52 97.52 97.52 Reset finish:
92.36 90.50 87.00
5.16 7.02 10.52

95.40 x see page 46:

95.40	95.40	95.40	95.40	95.40	95.40	95.40
86.90	90.40	92.26	93.84	93.58	94.14	94.28
8.50	5.00	3.14	1.56	1.82	1.26	1.12

95.40 95.40 95.40
94.24 94.01 93.40
1.16 1.39 2.00

93.42

WELLS

WORDEN

103.11 ℄ See page 31
90.77
78.49

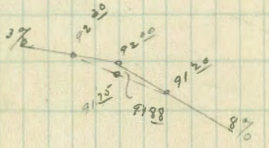
103.11	90.77	78.49	78.49	78.49	stakes ℄.
9200	84.00	76.00	68.00	67.00	
11.11	6.77	2.49	10.49	11.49	

93.50 E Worden
+0.66
94.16 ℄

94.16	94.16	
9200	88.00	
2.16	6.16	

12.92 BM West
2.30
74.72 ℄
-6.71
68.01
+12.92
80.93 ℄
-.93
80.00
+12.45
92.45 ℄
+3.45
92.00 check on stake 277

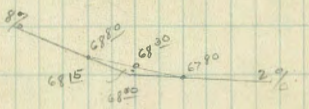
74.72	80.93	80.93	80.93	80.93	92.45	92.45	92.45	Reset
61.00	68.00	72.00	76.00	80.00	84.00	88.00	92.00	
6.72	12.93	8.93	4.93	0.93	8.45	4.45	-0.45	

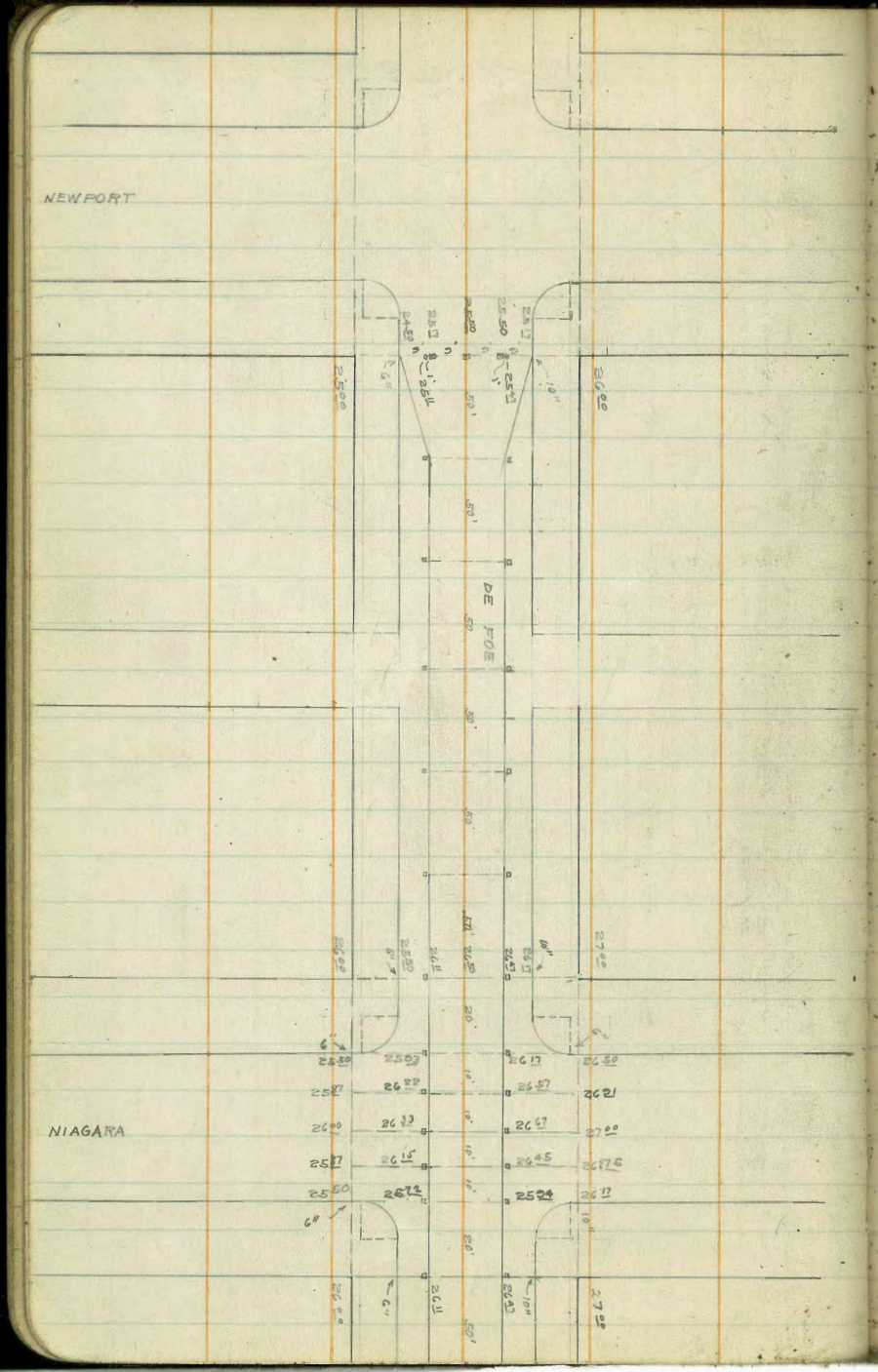


103.77
8.59
103.36 ℄
9.91
93.45
+0.25
93.70 ℄
12.99
80.71
+0.26
80.97 ℄
12.92
68.05
+6.10
74.25 ℄

93.70	93.70	93.70	93.70	93.70	80.97	80.97	80.97	
92.10	91.78	91.10	87.70	83.70	79.90	77.90	71.70	
1.60	1.92	2.60	5.80	9.80	1.07	1.07	9.27	

80.97	80.97	74.25
68.70	68.05	67.70
12.27	12.92	6.55





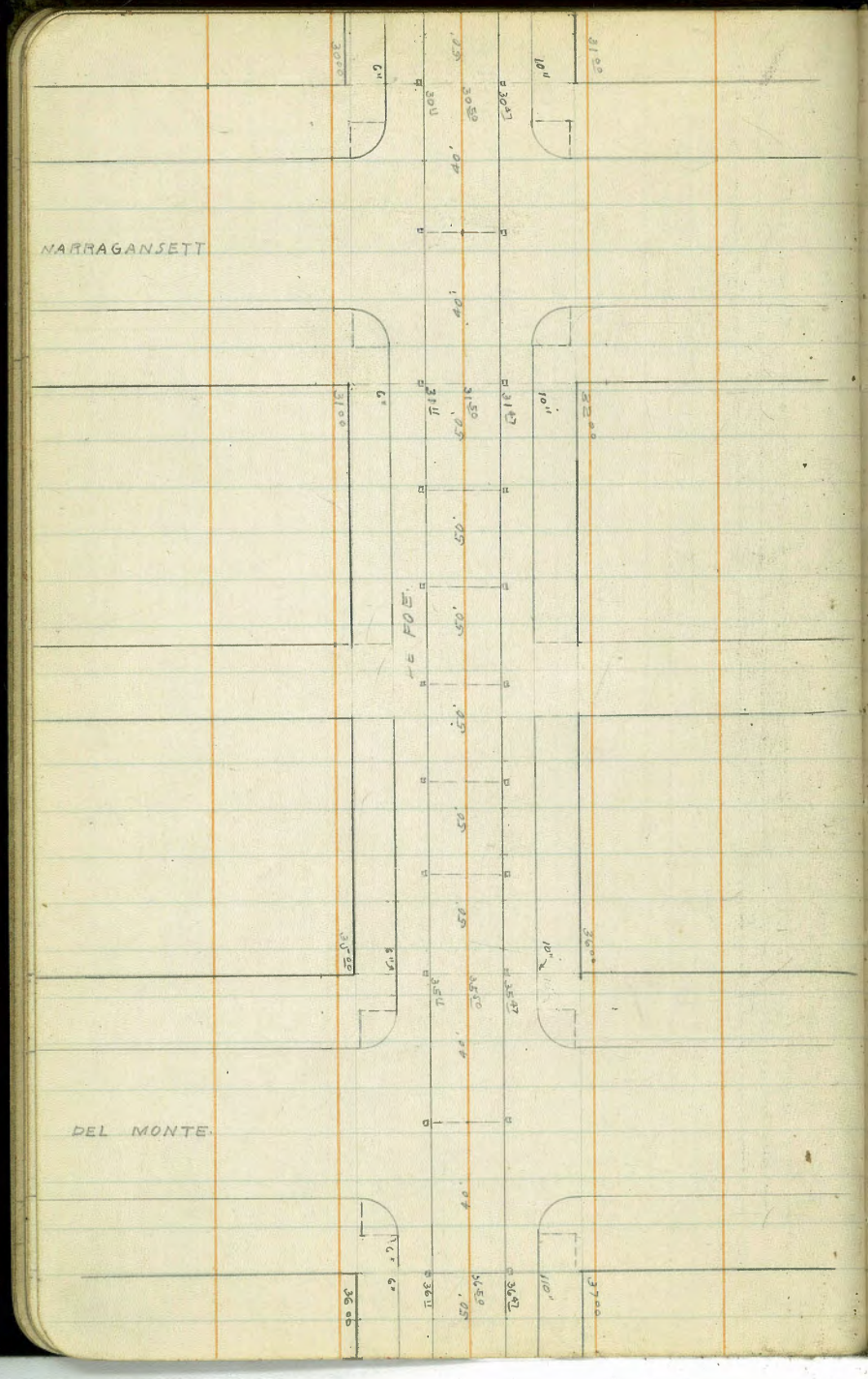
B.M. 25.04
5.48
30.52 ft

30.52	30.52	30.52	30.52	30.52	30.52	30.52
24.50	25.17	25.50	25.50	25.17	25.47	25.11
6.02	5.35	5.02	5.02	5.35	5.05	5.41

25.39
4.96
30.35 ft

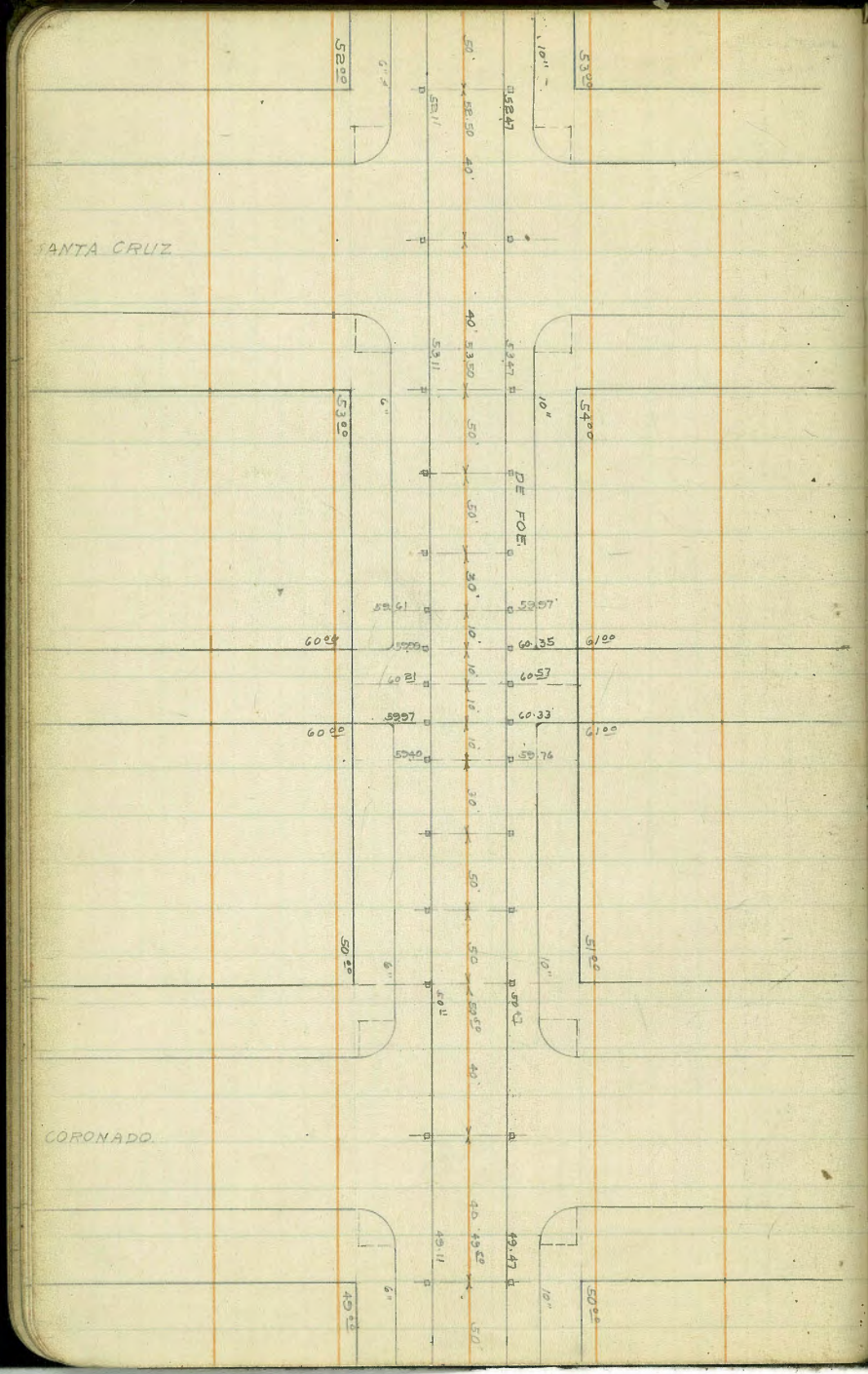
30.35	30.35	30.35	30.35	30.35	30.35	30.35	30.35
26.11	26.47	25.83	26.17	26.33	26.67	26.15	26.45
4.84	4.48	5.17	4.78	4.62	4.28	4.80	4.50

30.35	30.35
25.72	25.24
5.23	5.01



BM 12.05
3 28
35.33 π

35.33	35.33
30 47	30 11
4.86 ↓	5.22 ↓
3.86 ↓	4.22 ↓

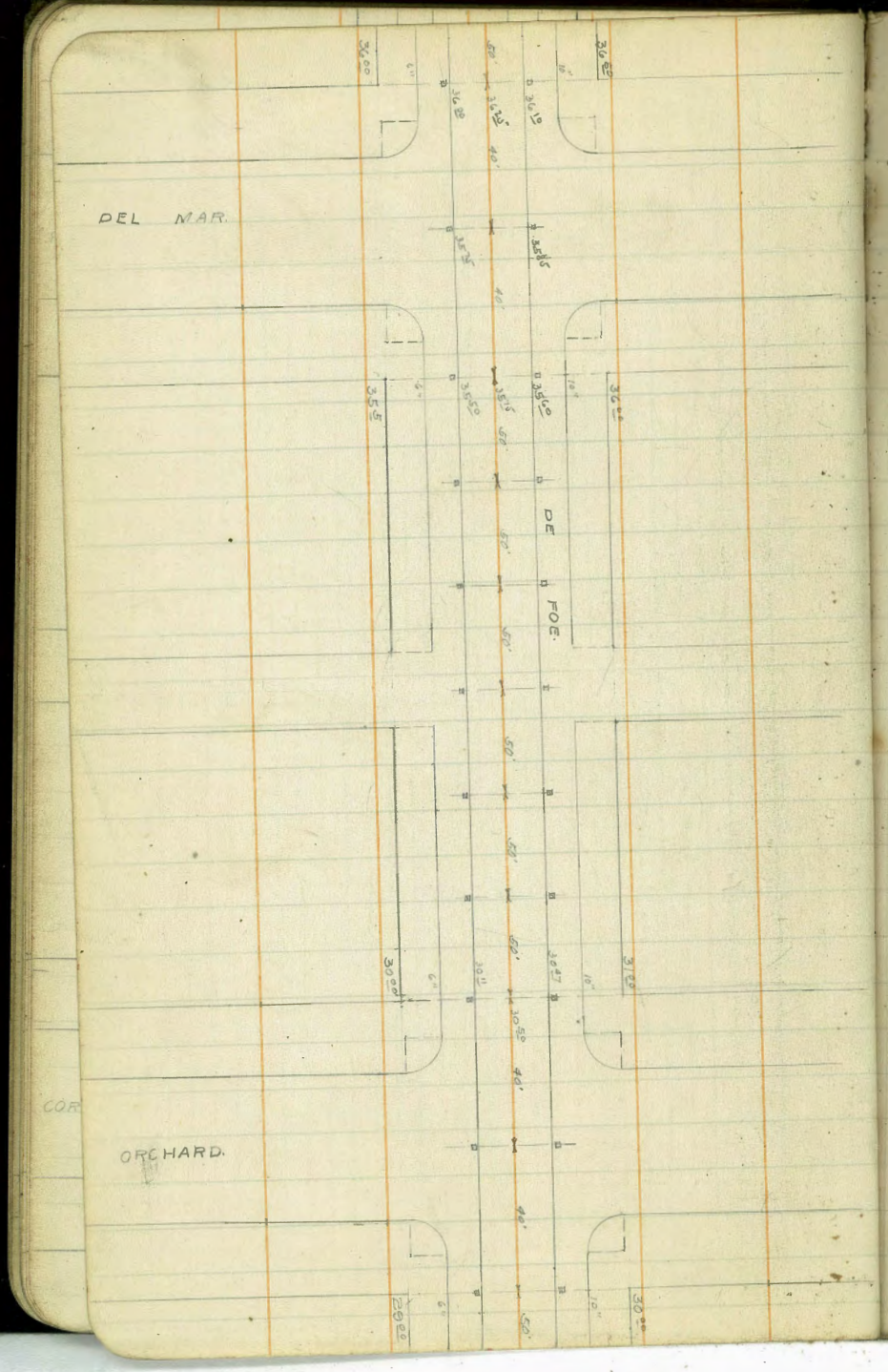


35

62.69	62.69	62.69	62.69	62.69	62.69	62.69
52.11	52.47	59.97	60.35	60.57	60.33	59.76
10.58 ↳	10.22 ↳	2.72 ↳	2.34 ↳	2.12 ↳	2.36 ↳	2.93 ↳
9.58 ↳	9.22 ↳	3.08 ↳	2.70 ↳	2.48 ↳	2.72 ↳	2.29 ↳

50.00 B.M.
+ 4.17
54.17 x

54.17	54.17
50.11	50.47
4.06 ↳	3.70 ↳
5.06 ↳	4.70 ↳



36

BM NW 36.12
3.97
40.09 π

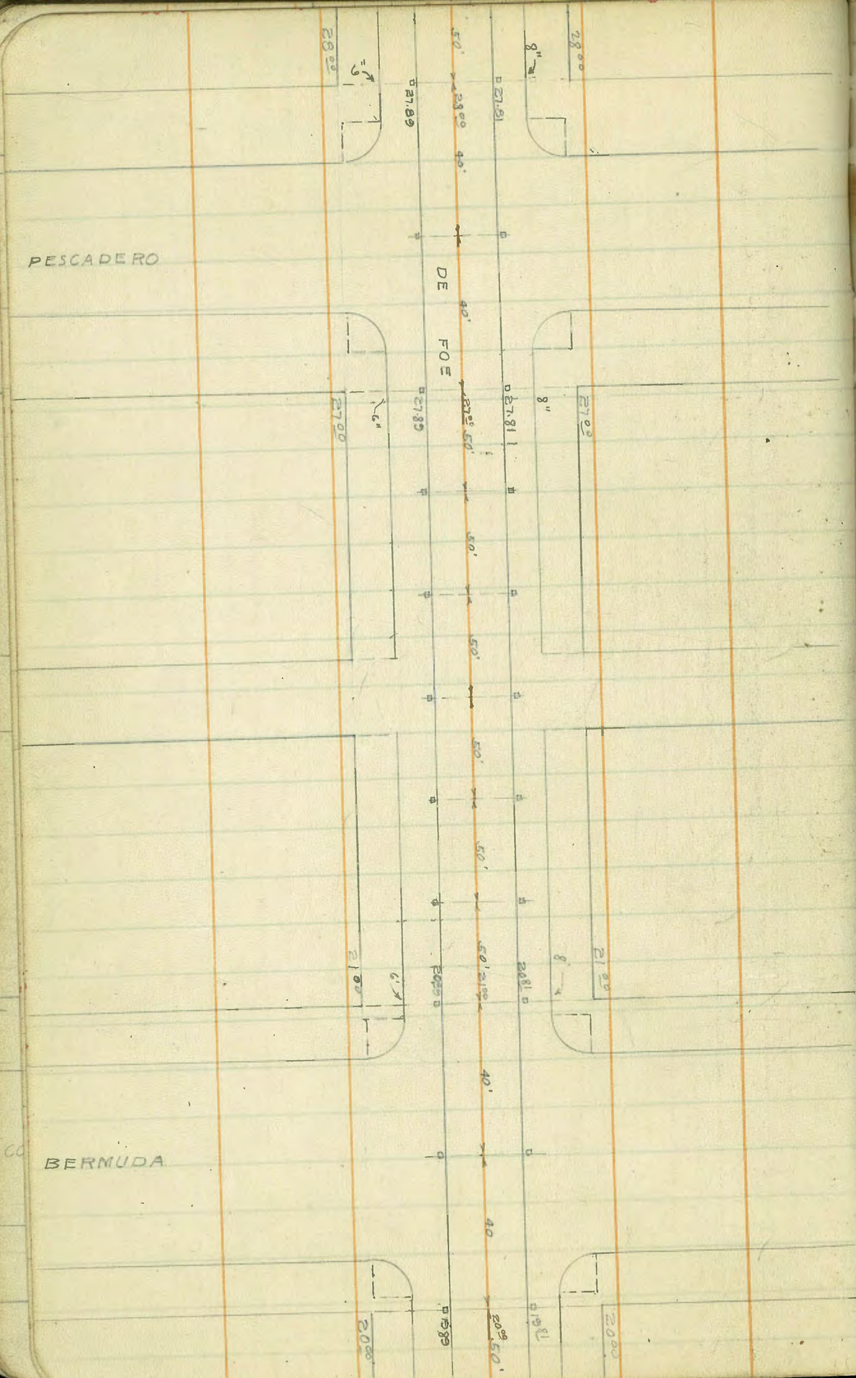
33.06 PESCADERO.
4.760
33.66 π

33.53 π

40.09	40.09
36.00	36.10
4.09	3.99
4.34	4.24
4.58	4.43

33.53	33.53
30.11	30.47
3.42	3.06

33.66	33.66
30.11	30.47
3.55	3.19



B.M 21.11
2.90
24.01 x

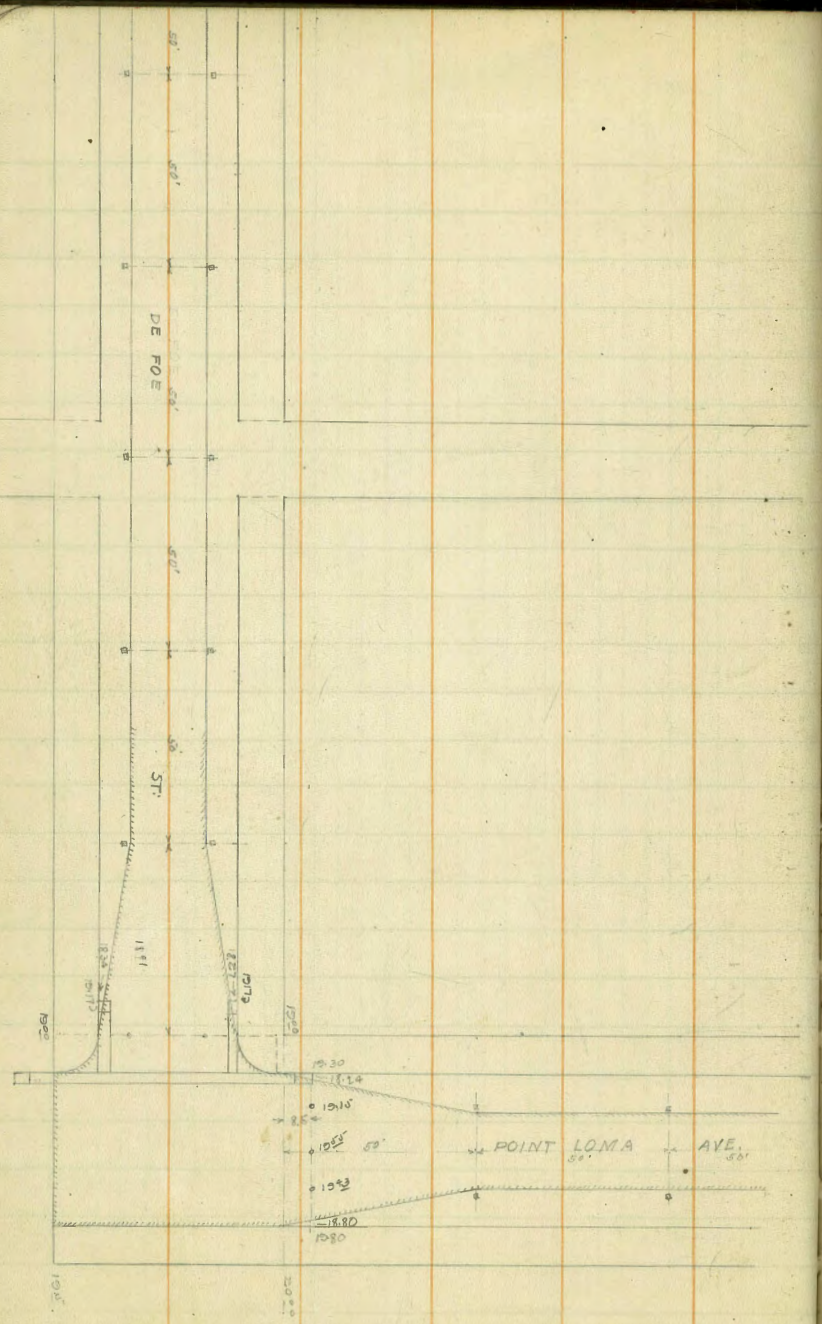
24.01 − 20.89 = 3.12   4.12

24.01 − 20.81 = 3.20   4.20

33.53 − 27.89 = 5.64

33.53 − 27.81 = 5.72

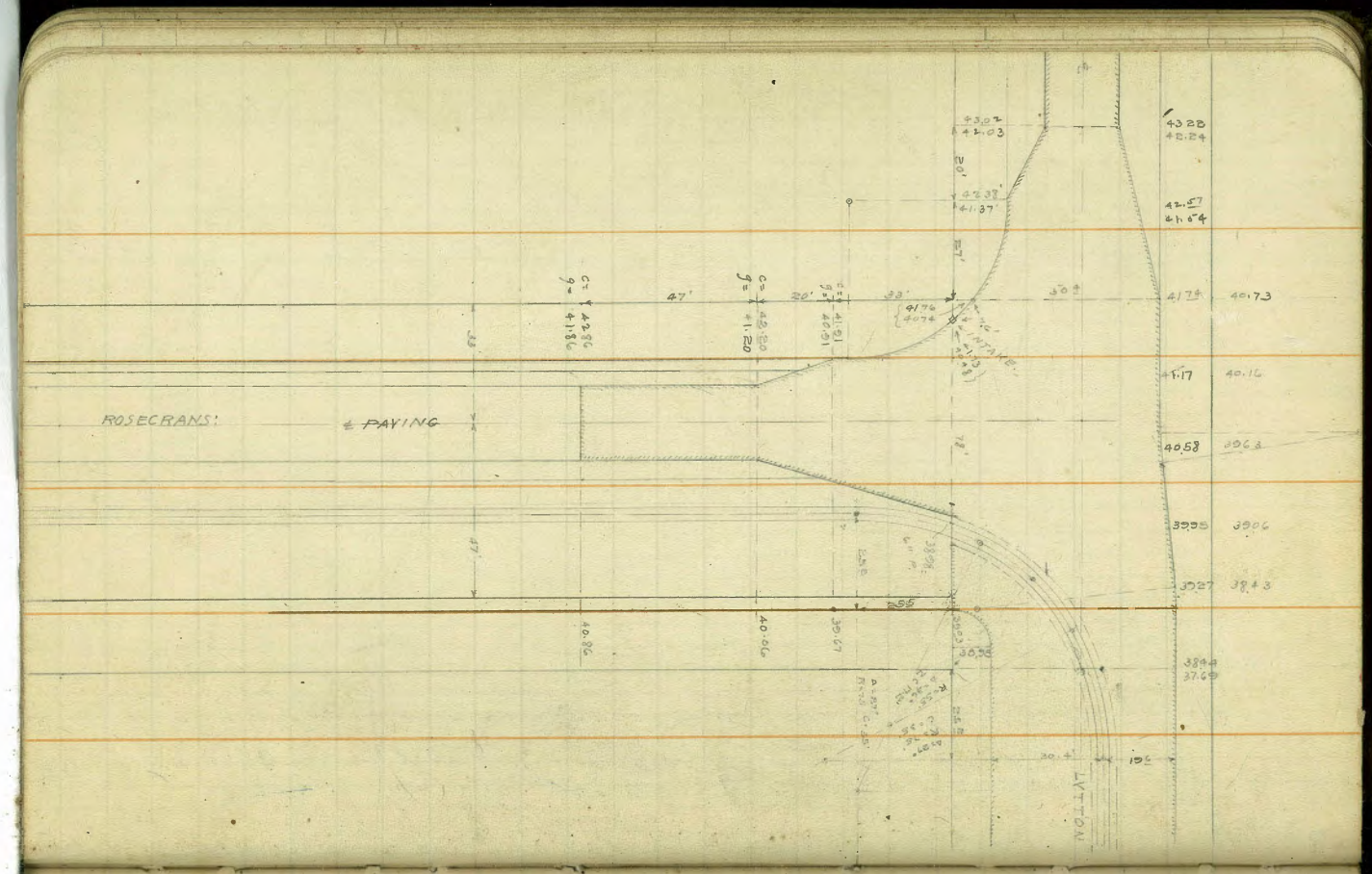
28.06
5.47
33.53 x

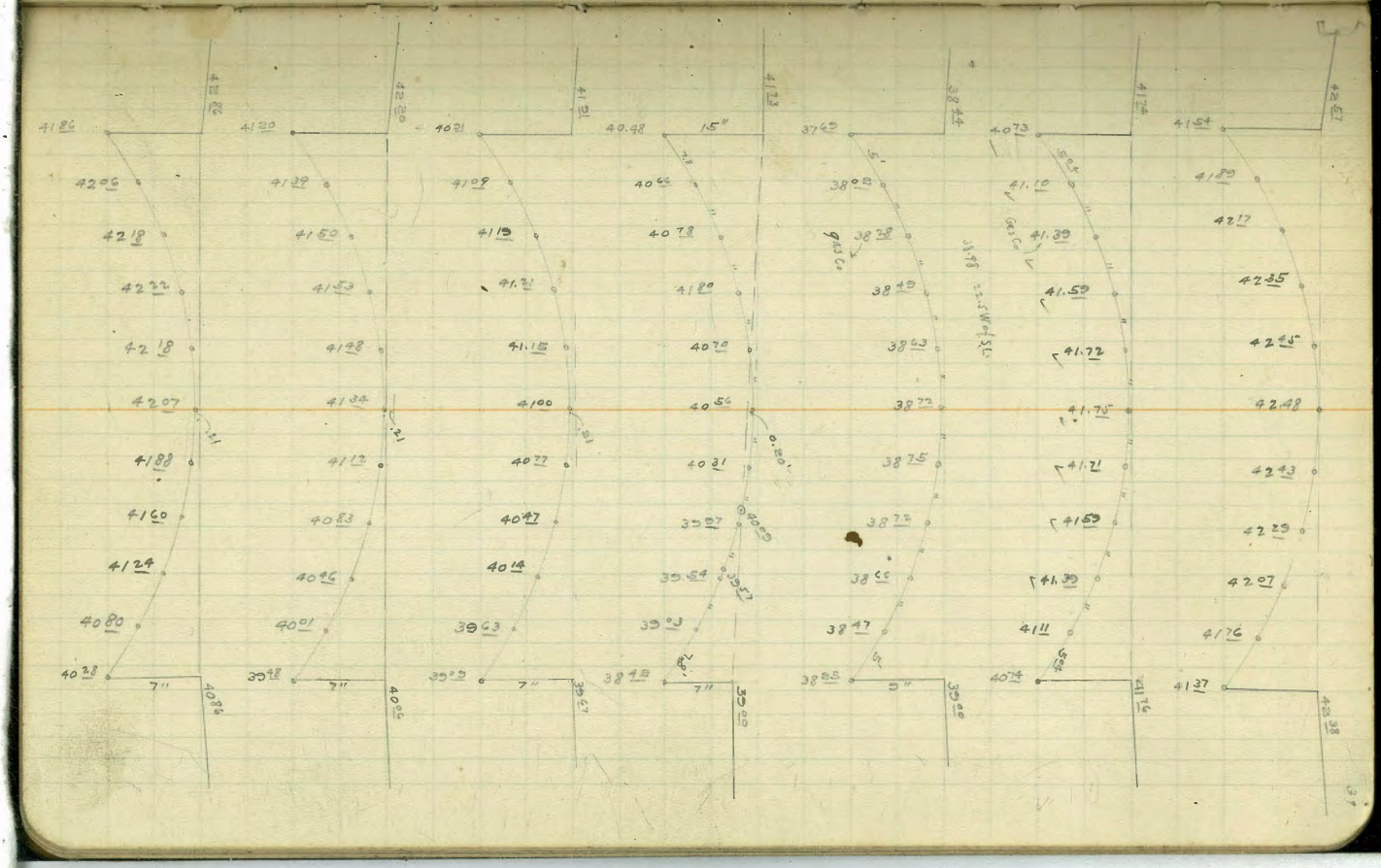


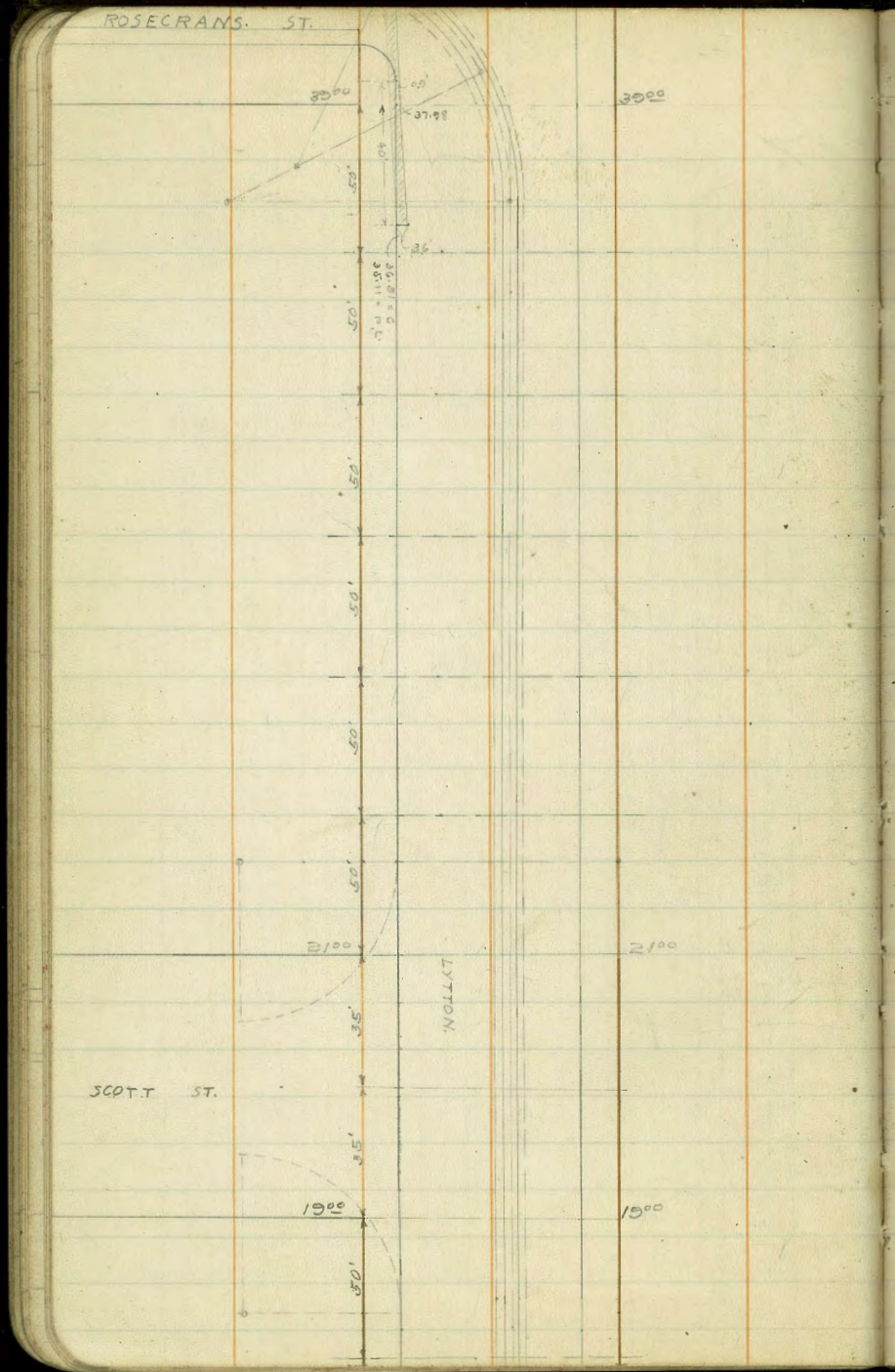
21.11 ✓
3.45
24.56 ✓

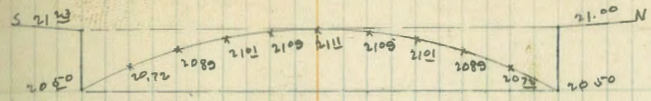
24.56 24.56
19.15 19.43
5.41 5.13

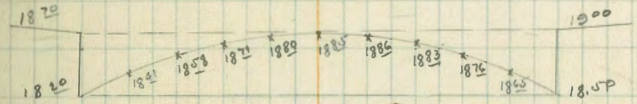
21.11
4.27
25.38 ✓


ROSECRANS
℄ PAVING
LITTON




ROSECRANS. ST.
3000
3000
37.98
36
50'
50'
50'
50'
50'
50'
2100
2100
35'
NORTON
SCOTT ST.
35'
1900
1900
50'


S 21.33
21.00 N
20.50
20.72
2088
2101
2109
2111
2105
2101
2089
2078
20.50


18.70
19.00
18.20
19.41
18.58
18.71
18.89
18.85
18.86
18.83
18.76
18.65
18.50

SCOTT ST

10⁰⁰

10⁰⁰

LYTTON

SEE BOOK 100 PAGE 77

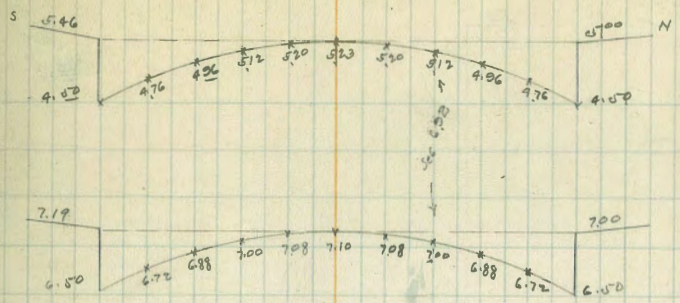
7⁰⁰

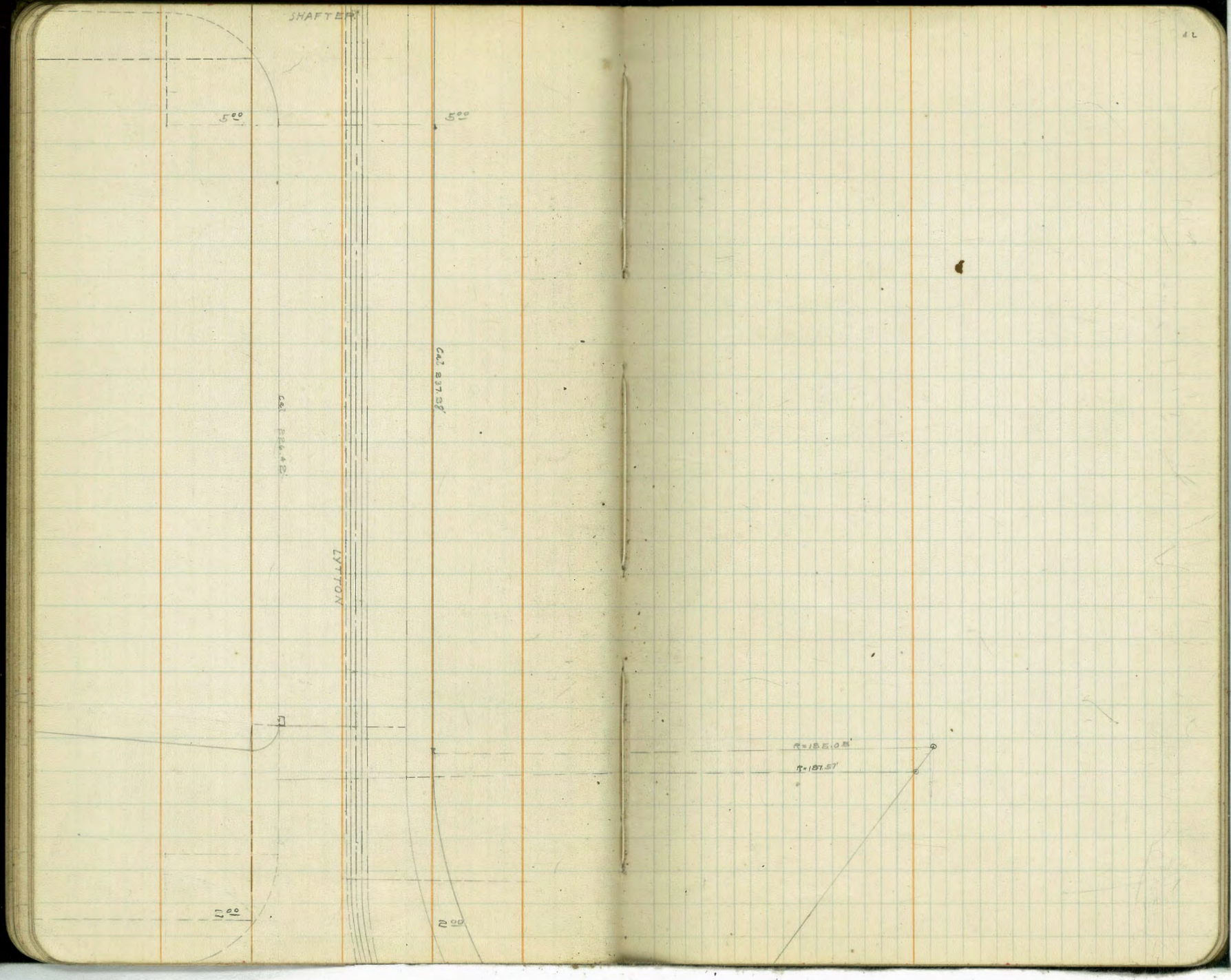
7⁰⁰

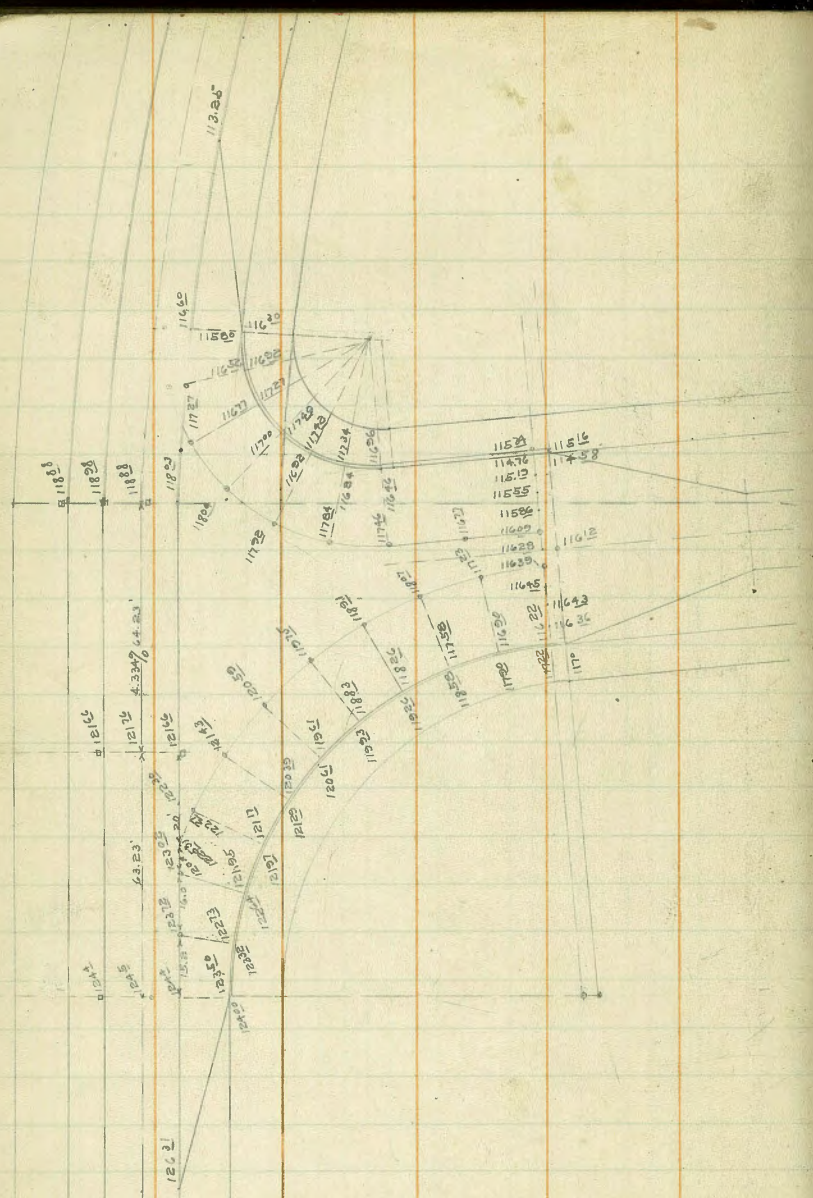
SHAFTER ST

5⁰⁰

5⁰⁰




SHAFTER
5°00'
5°00'
Cal. 237.28'
Cal. 236.42'
LYTTON
R=185.08'
R=187.57'
12°00'
12°00'



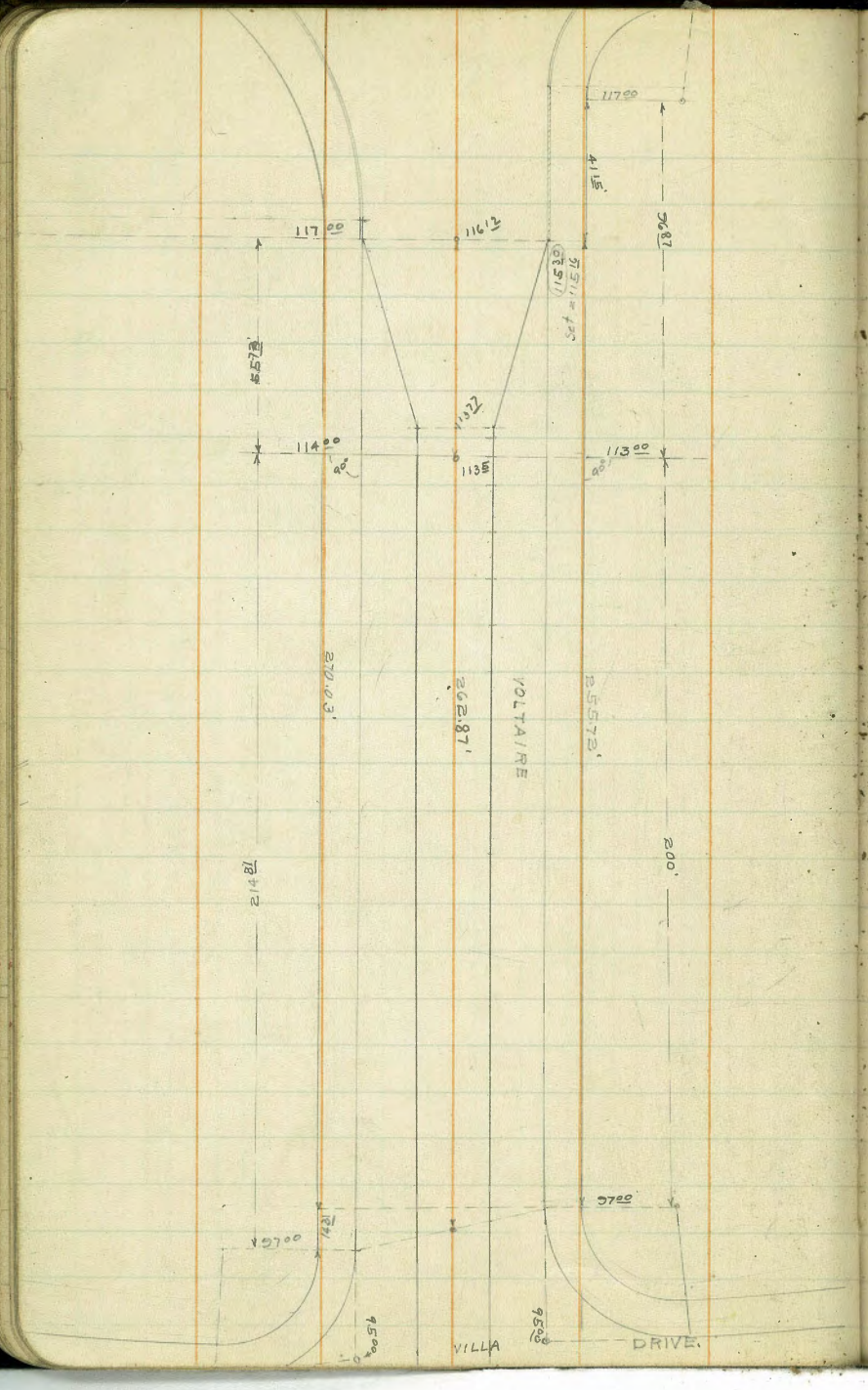
BM. 119.90 H.I.
6.96
126.86
11.71
115.15 T.P.

126.86	126.86	126.86	126.86	126.86	12686	12686	126.86	126.86	
115.80	16.52	16.77	17.00	16.93	16.84	16.76	14.76	14.08	
11.06	10.34	10.09	9.86	9.94	10.02	10.10	12.10	12.78	

126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	
1609	16.77	17.46	17.84	17.92	18.04	18.03	17.27	16.60	113.61	
10.77	10.09	9.40	9.02	8.94	8.82	8.83	9.59	10.26	13.26	E.A.

126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	12686
126.31	13.50	3273	21.95	21.17	20.39	19.61	18.83	18.26	17.08	16.90	16.22	1600
05.60	3.36	4.13	4.97	5.69	6.47	7.25	8.03	8.60	9.28	9.96	10.64	10.86	E.A.

126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	126.86	
16.39	17.23	18.07	18.91	19.75	20.59	21.43	2227	2302	2372	2940	
10.47	9.63	8.79	7.95	7.11	6.27	5.43	4.59	3.84	3.14	2.46	

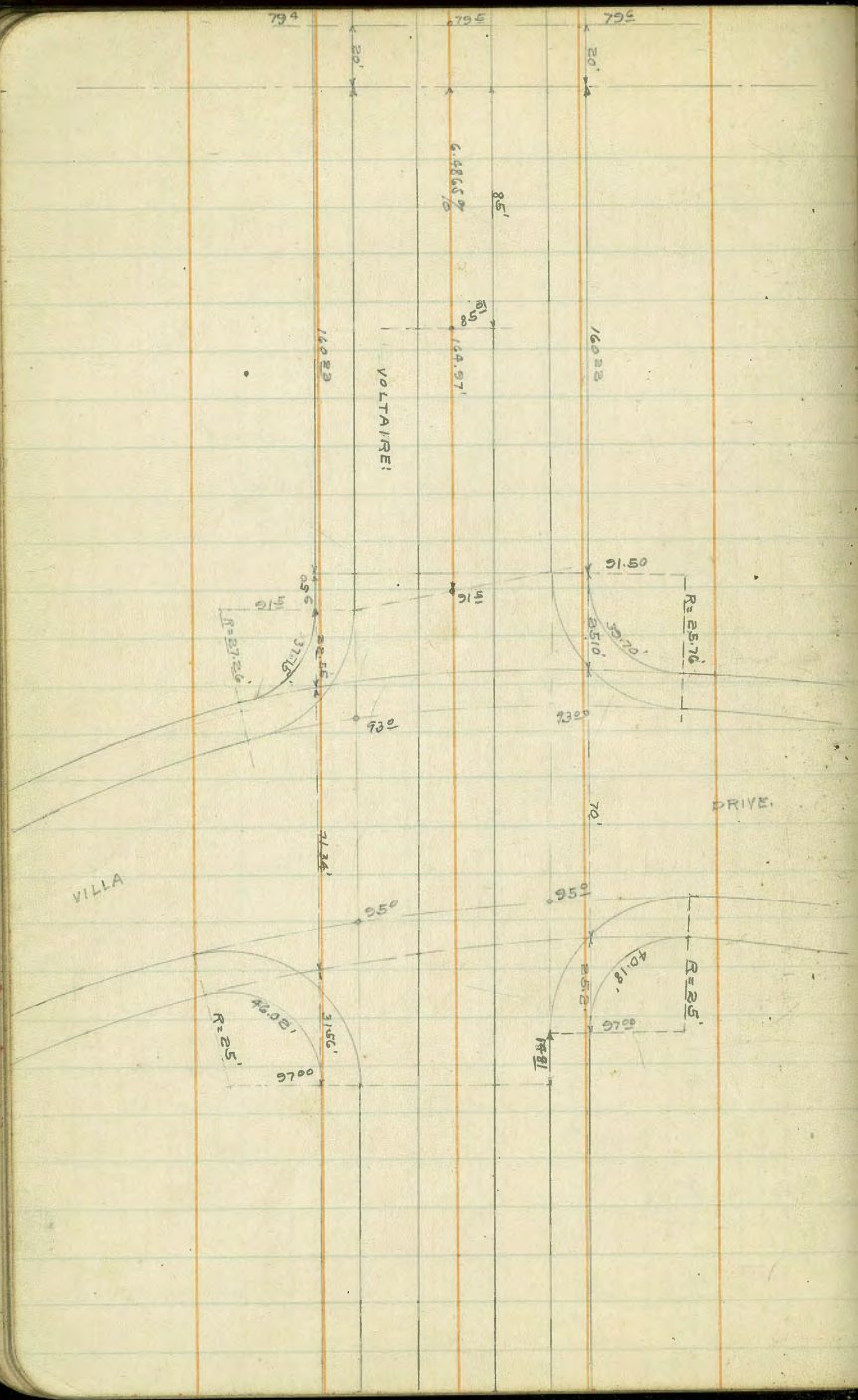


115.15 T.P.
+0.63
115.80 T
+3.85
119.65
-0.14
103.09 T
-6.19
96.90 = stake.

115.80
113.77
2.03
2:13

115.80
113.50
2.30
2.40

103.09
97.00
6.09
6.19



90.50 = finish stake 100' W. of Warrington.
+0.12
90.62 %

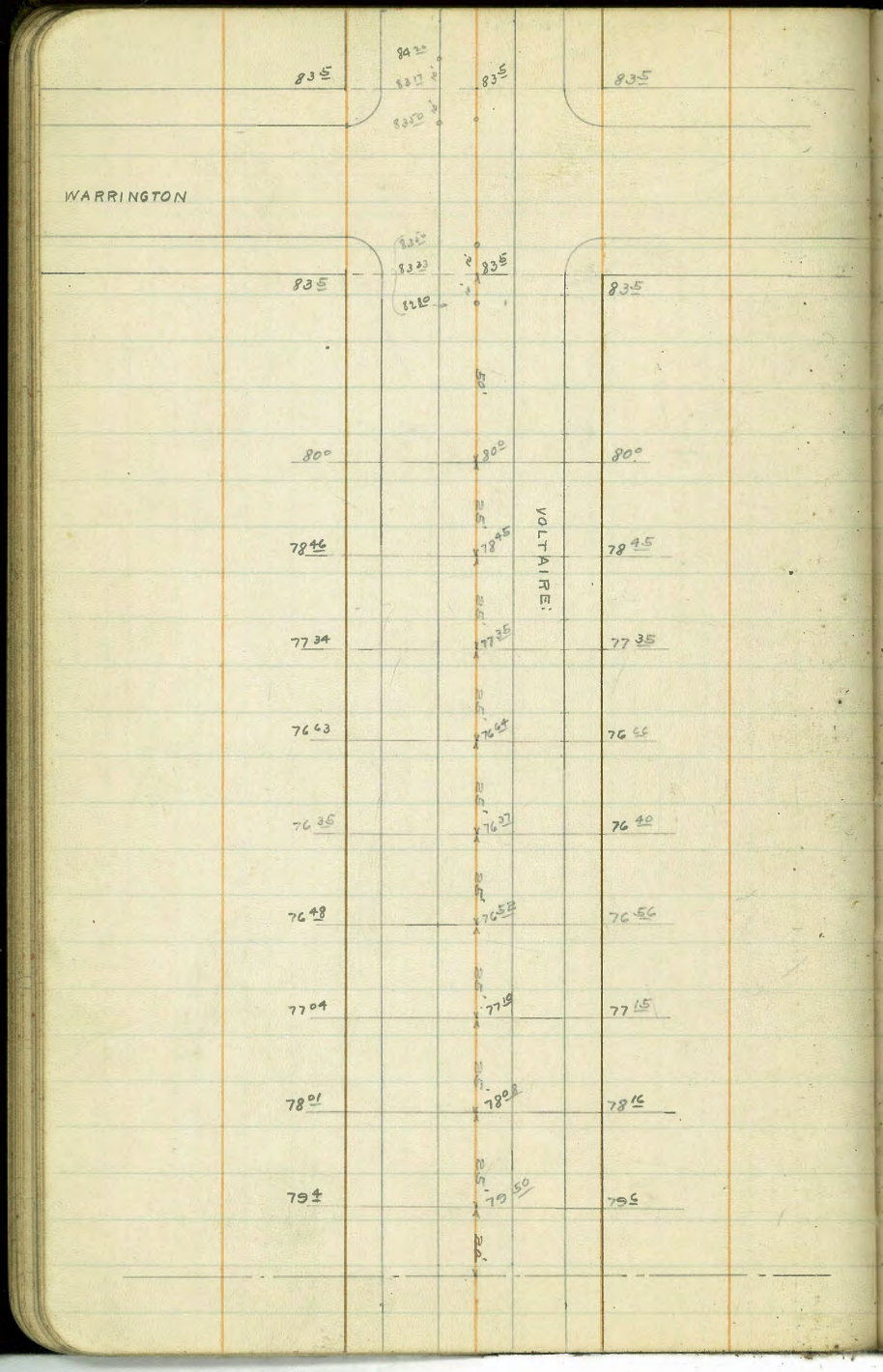
90.62
87.00
3.62 finish stake 50' W of Warrington.

90.62 90.62
79.50 85.01
11.12 5.61

96.90 = Stake
+0.35
97.25 %
12.67
84.58
0.96
85.54 %

97.25 97.25 97.25
3.00 95.00 91.40
4.20 2.20 5.85
4.35 2.35

85.54
79.40
6.14



90.50 B.M. finish stake 100' W of Warrington:
+ 0.12
90.62 π
− 12.17
78.45
+ 9.09
87.54 π

90.62
87.00
3.62 ∠ 50' W of Warn

90.62
83.50
7.12
5.42
+1.70 ℄

7.12
3.32
+3.80 O.S

90.62	90.62	90.62	87.54	87.54	87.54	87.54	87.54
83.50	80.00	78.45	77.35	76.64	76.37	76.52	77.10
7.12 ∠	10.62 ∠	12.17 ∠	10.19 ∠	10.90 ∠	11.17 ∠	11.02 ∠	10.44 ∠

Finish stakes:

87.54	87.54
78.08	79.50
9.46 ∠	8.04 ∠

85.54 see preceding page
79.40
6.14 ∠

85.54
77.98
7.56 ∠

85.54
77.00
8.54 ∠

85.54
76.42
9.12 ∠

85.54
76.27
9.27 ∠

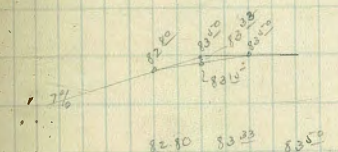
85.54
76.04
9.50 ∠

85.54
77.89
7.65 ∠

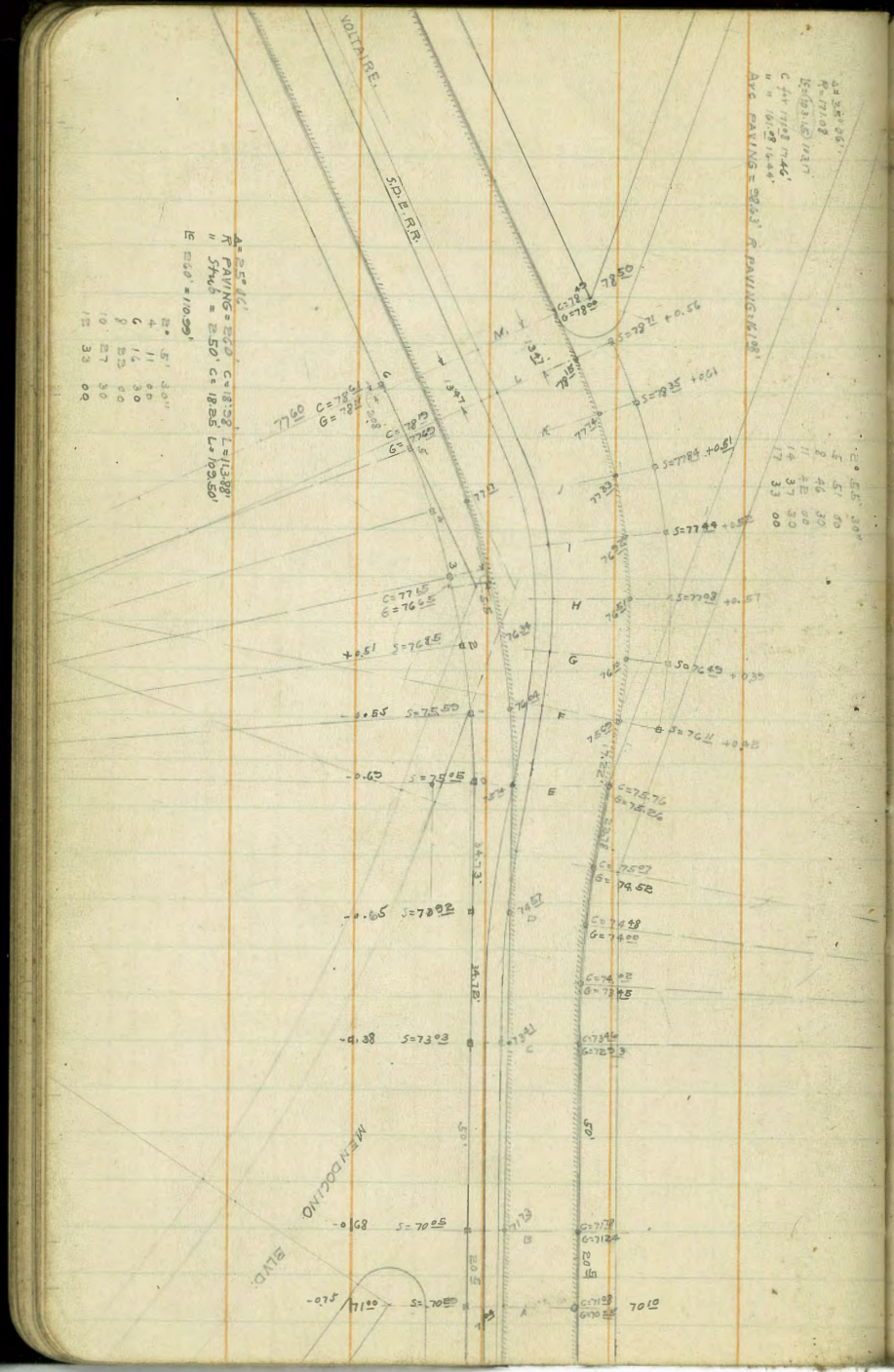
85.54
78.35
7.19 ∠

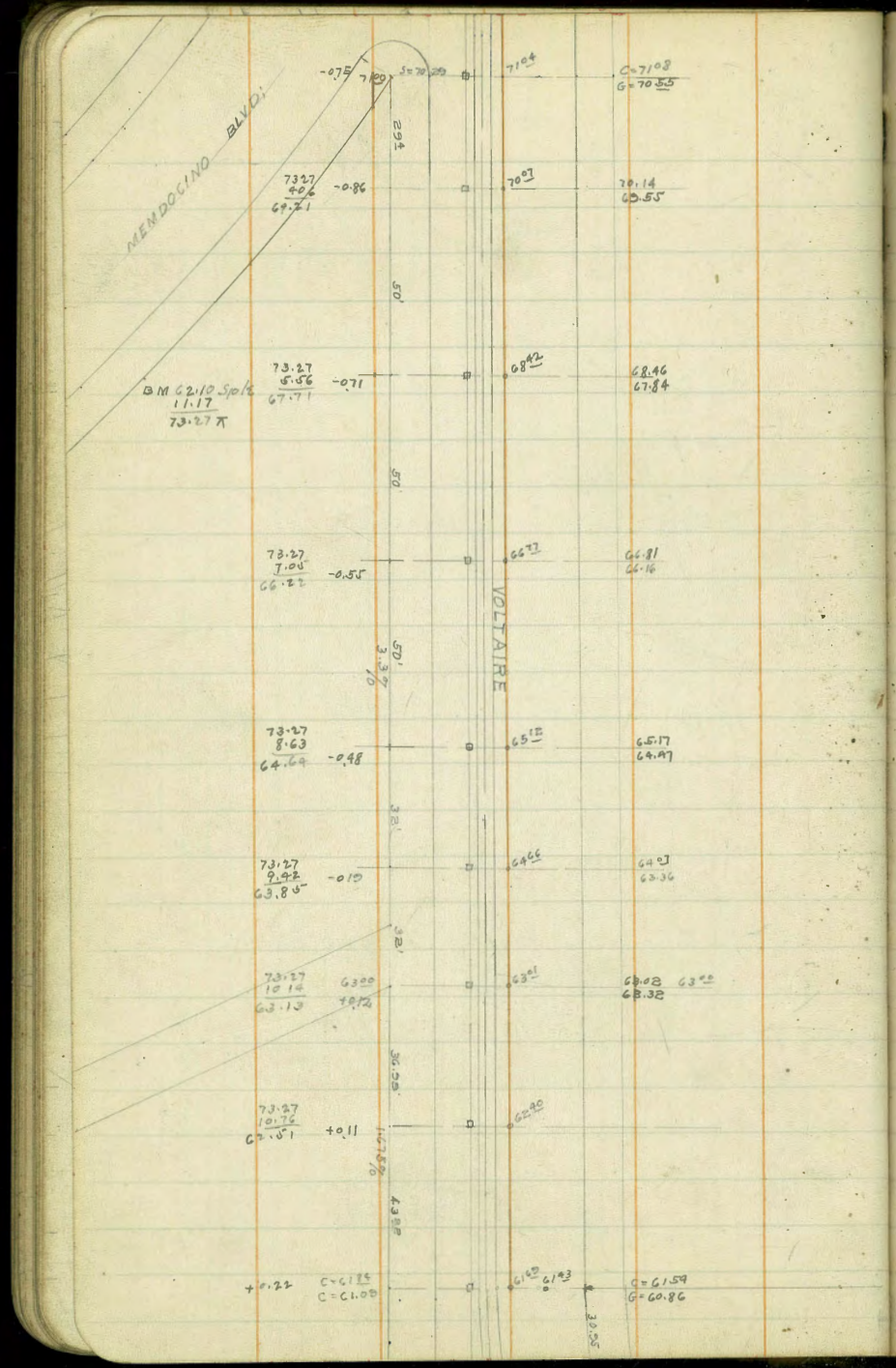
8340 T.H. W.S.S.
13.00
95.40 T.H.

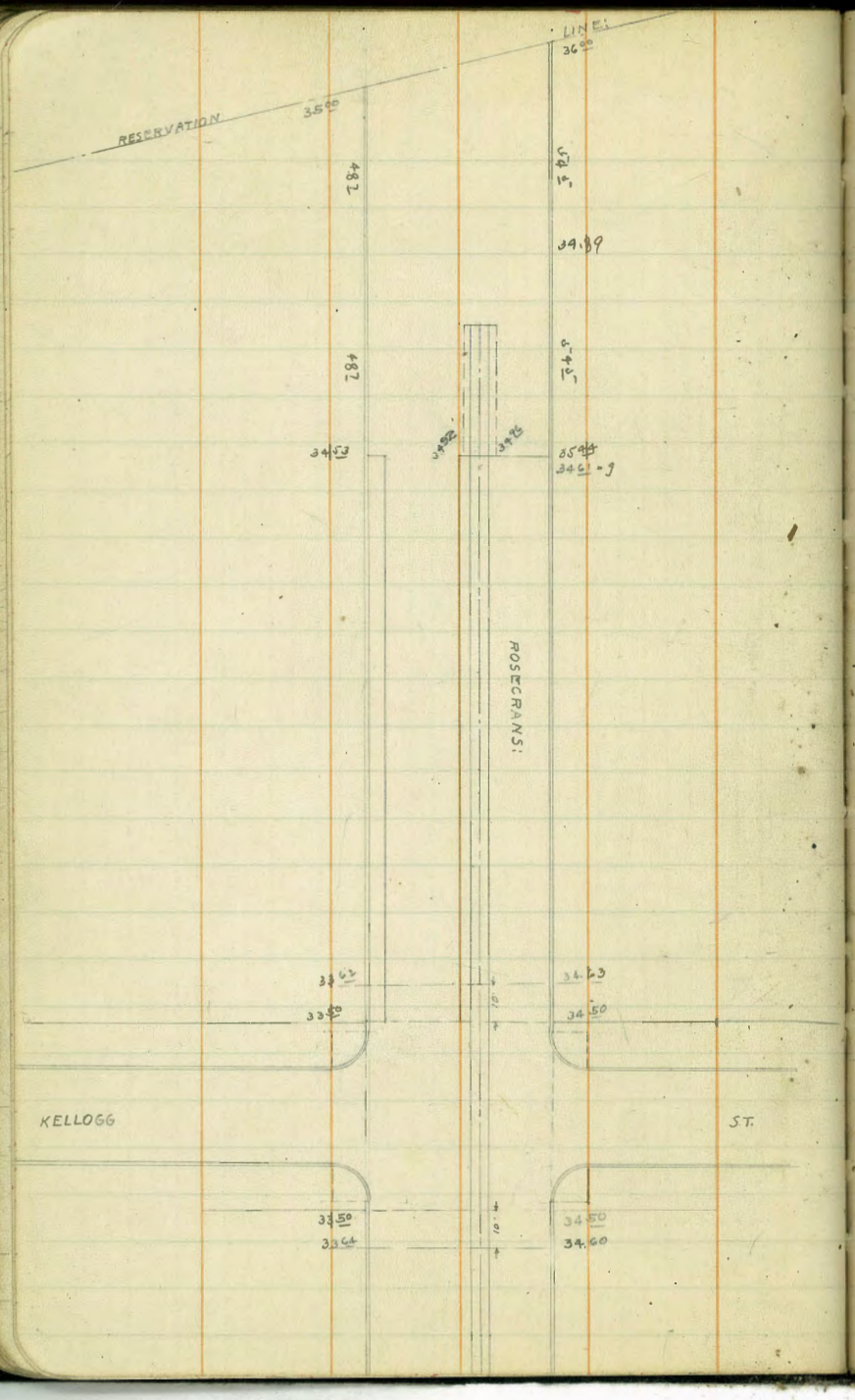
85.54	85.54	95.40	95.40	95.40	95.40	95.40	95.40
79.90	83.40	82.70	83.23	83.40	83.40	83.57	84.10
5.64 ∠	2.14 ∠	12.70 ∠	12.17 ∠	12.00 ∠	12.00 ∠	11.83 ∠	11.30 ∠

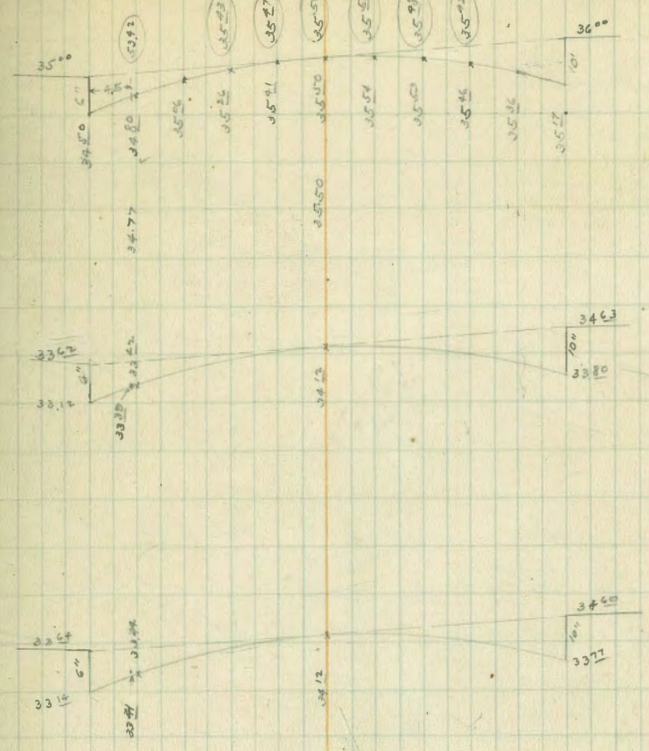


82.80 83.23 83.50


VOLTAIRE
SOUTHERN R.R.
MENDOCINO
BLVD.
Δ = 25° 16'
R PAVING = 250' C = 110.52' L = 110.38'
" Strip = 250' C = 108.8' L = 109.50'
E = 10.99'
Δ = 12° 55' 30"
R = 443.66'
C = 99.68'
L = 100.00'
Δ = 12° 55' 30"
R = 443.66'
C = 99.68'
L = 100.00'
Ave. PAVING = 250.5' R PAVING = 247.08'
Δ = 25° 16'
R = 771.08'
C = 337.08'
L = 339.38'
n = 10.99'
Ave. PAVING = 250.5' R PAVING = 247.08'
Δ = 12° 55' 30"
R = 443.66'
C = 99.68'
L = 100.00'
Δ = 12° 55' 30"
R = 443.66'
C = 99.68'
L = 100.00'
E = 10.99'
4° 51' 30"
6 11 00
8 16 30
10 22 00
12 27 30
12 33 00
14 37 30
17 46 30
Δ = 9° 57' 30"
R = 281.5'


MENDOCINO BLVD.
VOLTAIRE
294
50'
50'
50'
32'
32'
36.25'
43.82'
30.25'
-0.75
7100
S=70.29
7104
C=71.08
G=70.55
7327
4.06
69.21
-0.86
7003
70.14
69.55
BM 62.10 Sp/L
11.17
73.27 π
73.27
5.56
67.71
-0.71
6842
68.46
67.84
73.27
7.06
66.22
-0.55
6677
66.81
66.16
73.27
8.63
64.64
-0.48
6512
65.17
64.47
73.27
9.92
63.35
-0.19
6466
6403
63.36
73.27
10.14
63.13
6300
+0.12
6301
63.08
63.32
63.25
73.27
10.76
62.51
+0.11
6240
+0.22
C=61.85
C=61.08
6103
6143
C=61.59
G=60.86
P=338.5





BM 35.05
4.05
39.10

39.10 34.77 4.33
39.10 35.50 3.60
39.10 33.39 5.71 5.69
39.10 34.12 4.98 4.98

Aug 1927

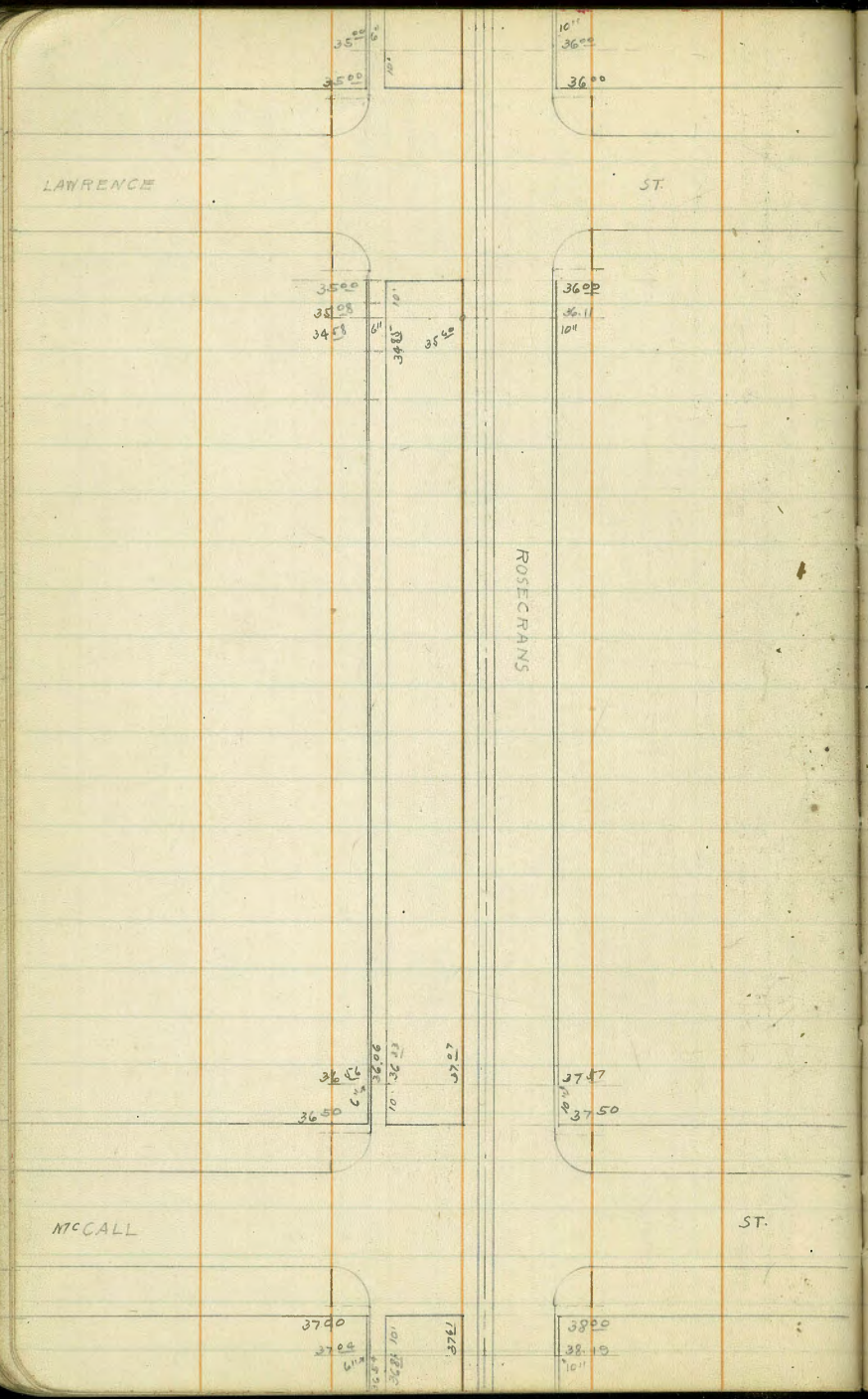
35.05
4.07
39.12 HI

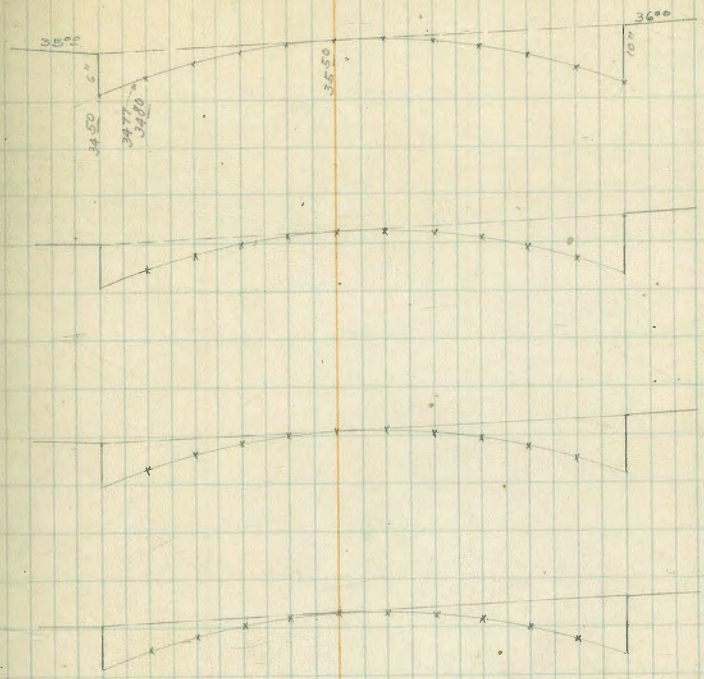
39.76 39.50 5.26
39.76 4.80 4.96
39.76 35.06 4.70
39.76 35.26 4.50
39.76 35.41 4.35
39.76 35.50 4.26

39.76 34.61 5.15

35.50
4.71
39.76

39.76 35.04 4.72
39.76 35.03 4.73
39.76 35.46 4.30
39.76 35.36 4.40
39.76 35.17 4.59





38.14
4.65
42.79

42.59
36.33
6.26

42.59
37.07
5.52

42.59
36.81
5.78

42.59
37.61
4.98

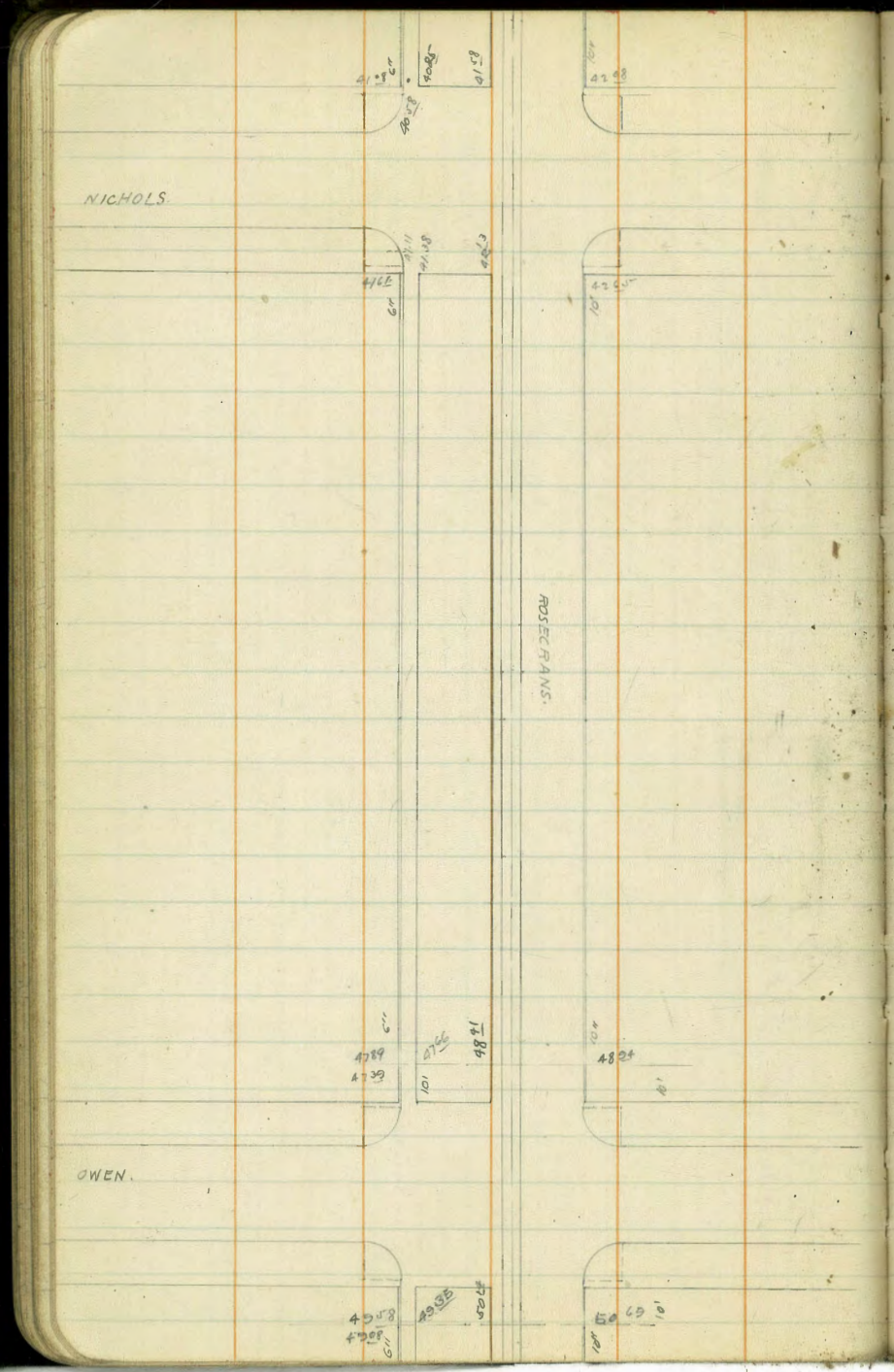
40.89
34.85
6.04

40.89
35.60
5.29

40.89
34.77
6.12

40.89
35.50
5.39

38.14
2.75
40.89



B.M. 46.03
4.65
46.08 ✓

46.08	46.08	46.08	46.08	46.08
+1.38	+1.38	40.8	+1.58	42.13
4.70 ✓	4.50 ✓	5.28 ✓	4.50 ✓	3.95 ✓

B.M. 48.07
5.21
53.28 ✓

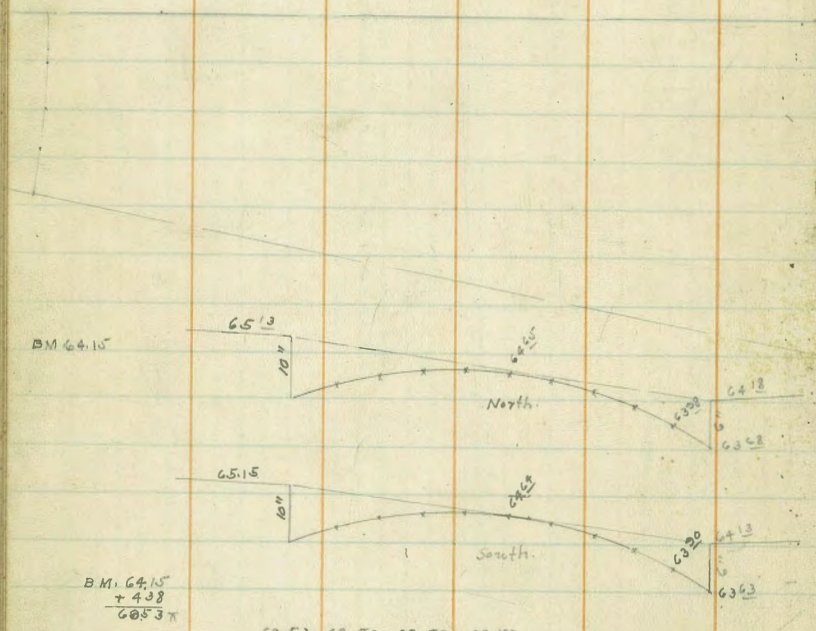
53.28	53.28	53.28	53.28
47.66	48.41	49.35	50.14
5.62	4.87	3.93	3.14

Δ = 10° 54' T = 52.10' 4 chords; 1° 21' 45"

Rem stake Line = E 46.09 C = 25.97' 2° 43' 30"

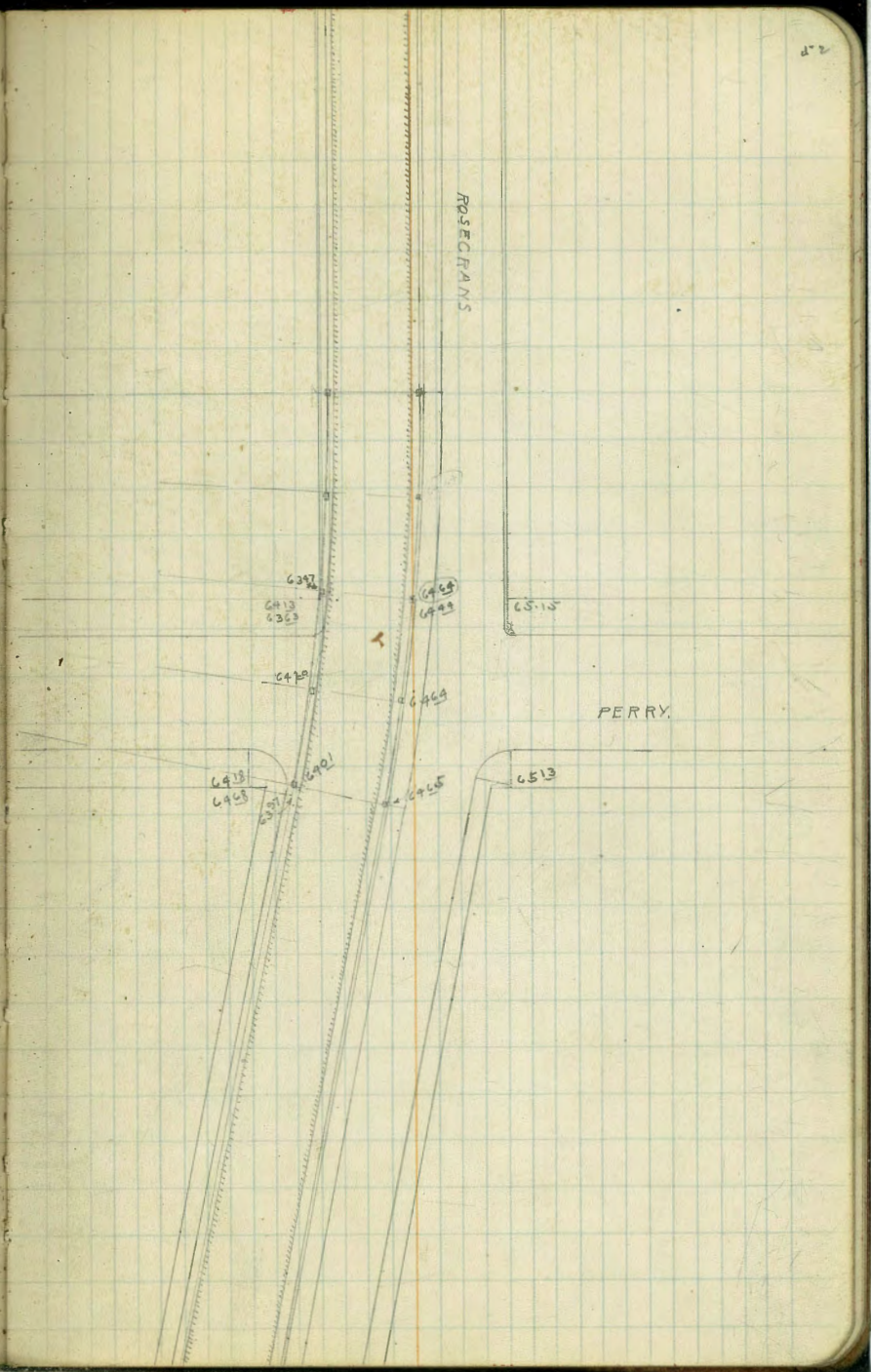
" " " " = 57.09 C = 27.11' 4° 05' 15"

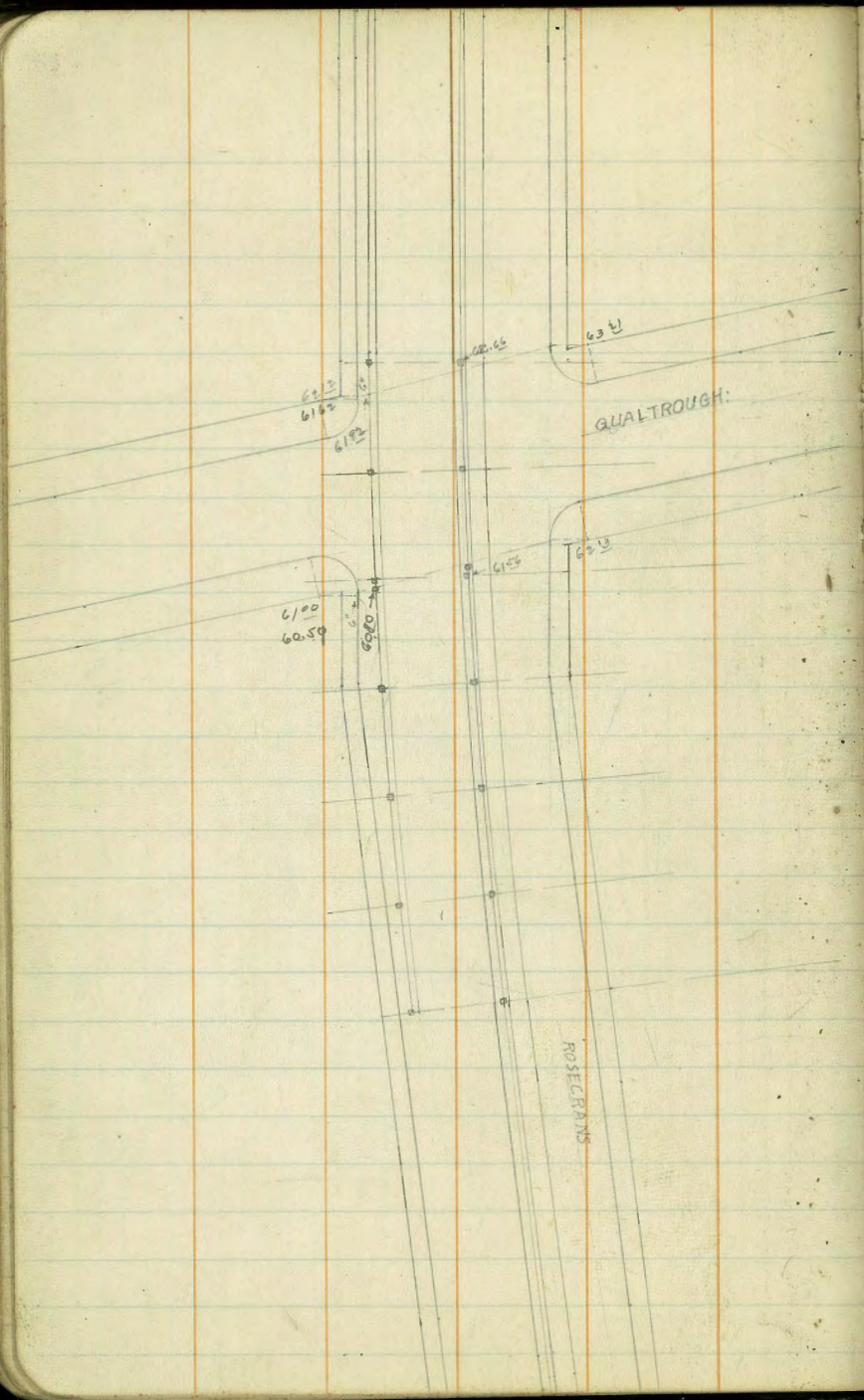
5° 27' 00"



BM. 64.15
+ 4.38
68.53

68.53	68.53	68.53	68.53
64.64	63.90	63.98	64.65
3.89	4.63	4.55	3.88
40			





Grade 62.07
+4.38
66.45

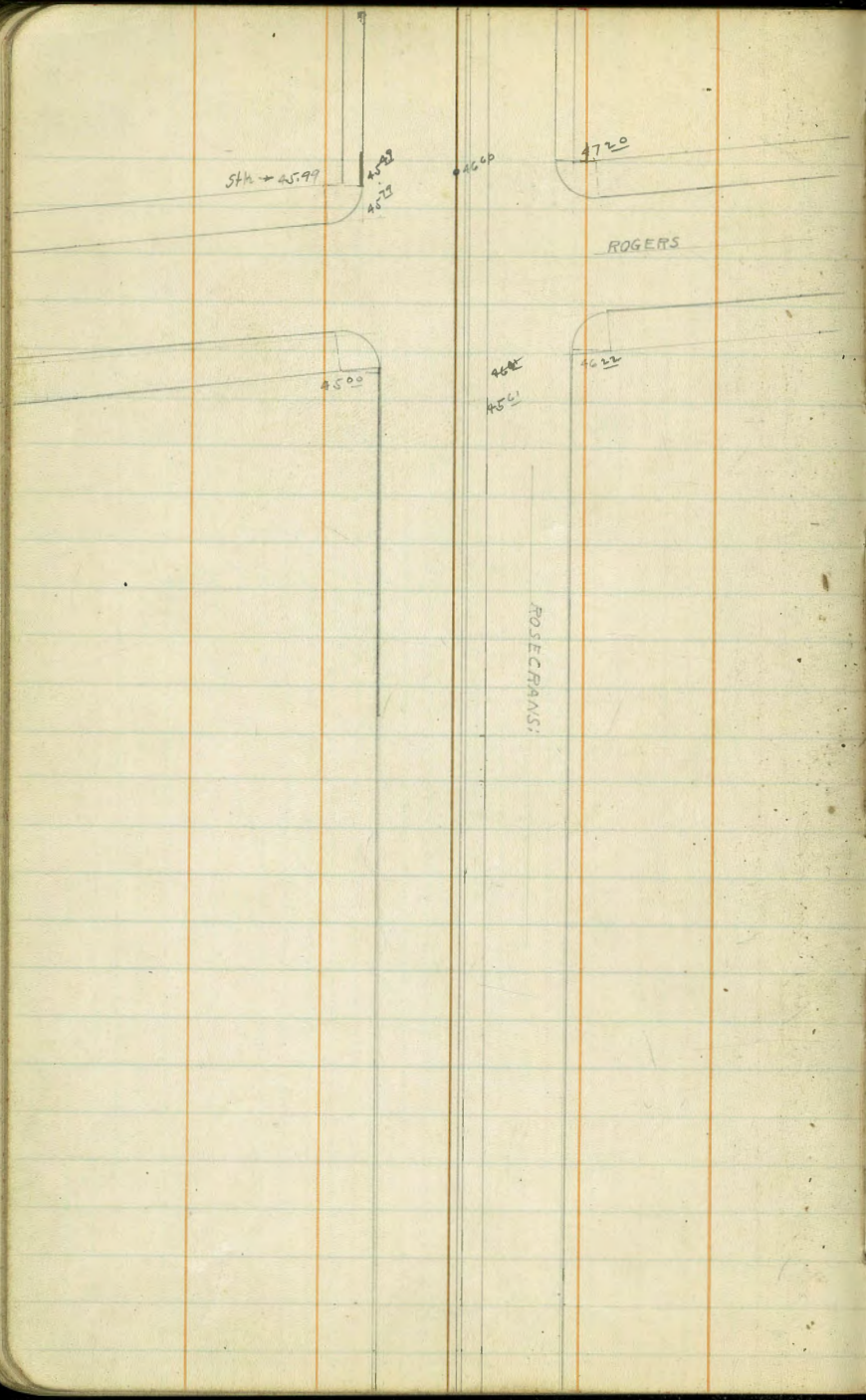
53

66.45	66.45	66.45	66.45
61.92	62.66	61.56	60.80
4.53	3.79	4.89	5.65

0° 25'
0° 50'
1° 15'
1° 40'
2° 05'
2° 30'

A = 5° 0'
T =

Stake Line R = 1915.6 C = 27.85'
" " " = 1937.6 T = 84.60' C = 28.19'



BM. 62.07
+0.23
62.30 T
-12.89
49.41
+1.25
50.66 T
-3.34
47.32 BM. Spk Pole:

50.66
45.79
4.87 ✓

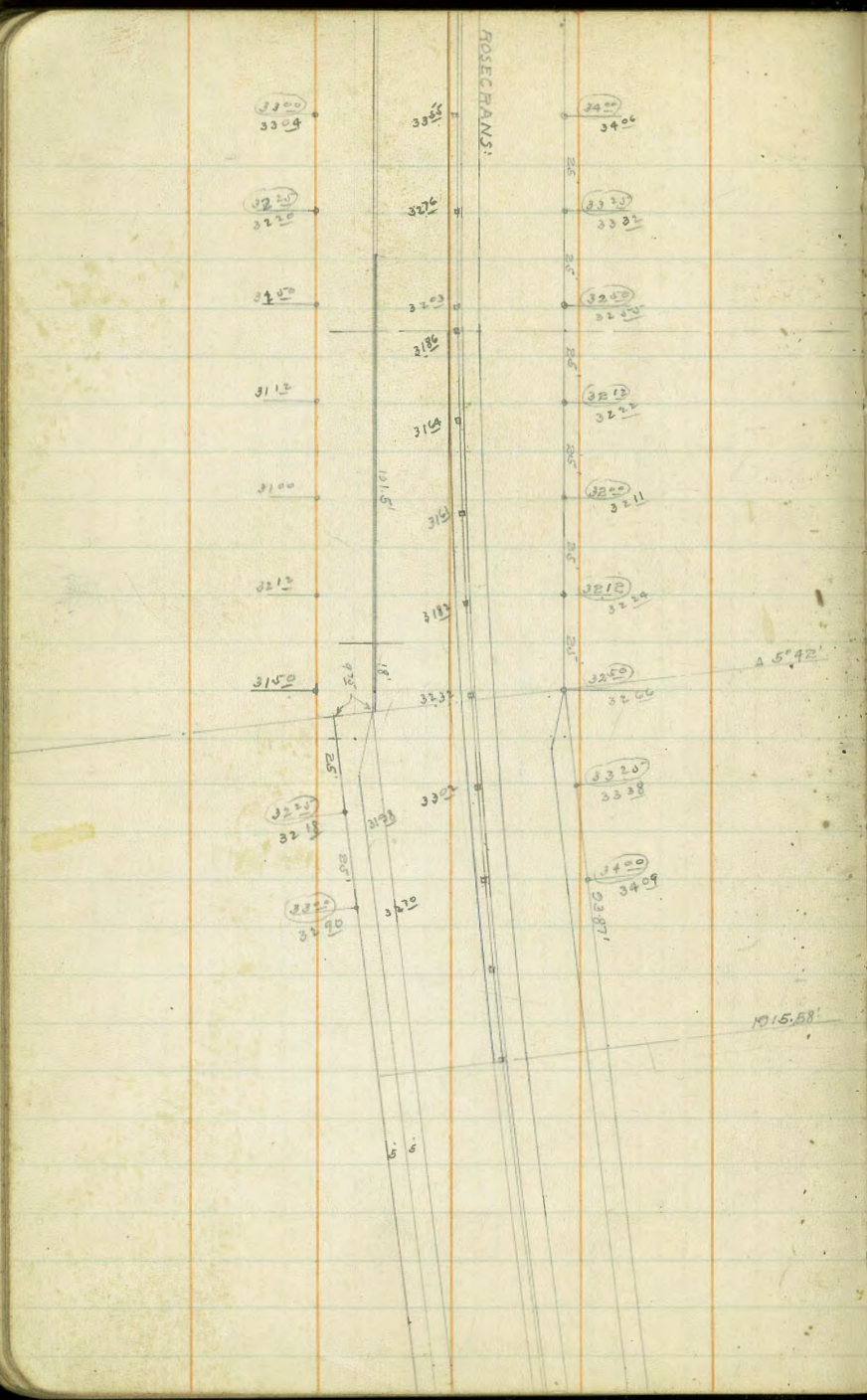
50.66
46.60
4.06 ✓

47.32
+0.04
47.36 T
-12.82
34.54
1.81
36.35

47.36
45.00
2.36 ✓

4.08 ✓

5.80 ✓



B.M. 41.25
+1.44
42.69 ✗

42.69
31.50
11.19

42.69 42.69 42.68 42.69 42.68
31.12 31.00 31.12 31.50 32.25
11.57 11.69 11.57 11.19 10.44

41.25
2.49
43.74 ✗

Δ = 5° 42' T = 35.81 L = 23.92'

0'	21'	20"
0	43	00
1	04	30
1	26	00
1	47	30
2	09	30
2	30	30
2	52'	

ROSECRANS:

BM. 51.57
2.89
54.40 ℄

54.40	54.40	54.40	54.40	54.40
2.83	3.47	4.11	4.75	5.39
51.57	50.93	50.29	49.65	49.01

R = 135.00 Δ = 36° 56' C = 21.73' T = 45.08'

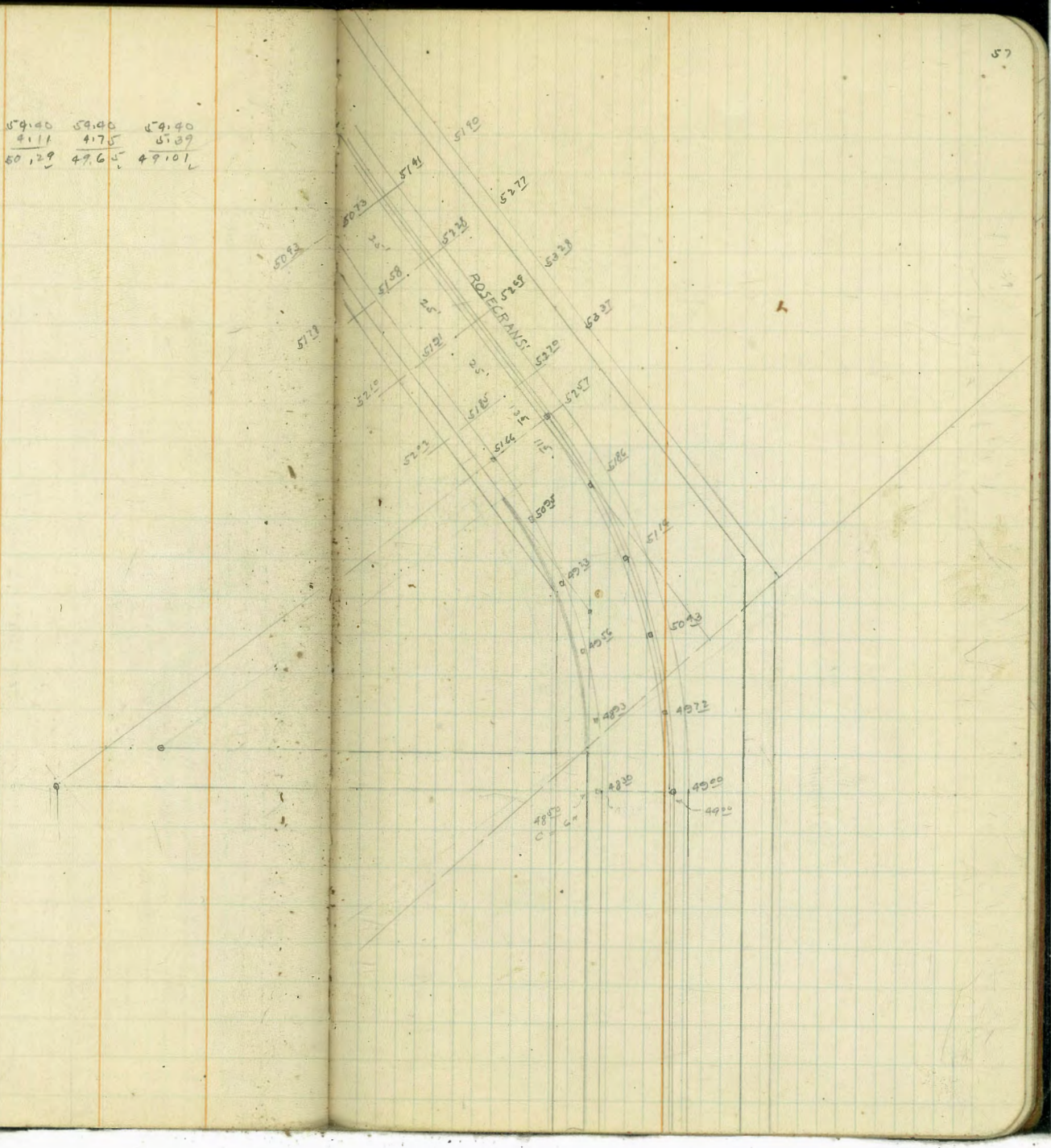
9

51.57

4° 37'	50.93
9 14	50.29' 5 stakes
13 51'	49.65
18.28'	49.01

Δ = 36° 56 R = 172.5 C 22.29
T = 57.61' R = 196.5 C 25.34

3°	41'	06"
7	23	12
11	04	48
14	46	24
18	28	00



ROSECRANS.

28.00 6" 27.95 28.50 10" 29.26 29.00

28.10
27.64

BESSEMER.

26.69
27.19
27.00 26.99 27.64 28.10 28.00

B.M. 28.05
-.56
33.61.7

33.61
27.95
5.66

33.61
28.60
5.01

33.61
26.99
6.62

33.61
27.64
5.97

33.61
-.56
28.10

33.61
6.42
27.19

28.00

29.00

BM 28.05 BESSEMER.
2.10
30.15 ✕
− 6.83
23.32 = B.M. TALBOT.

BESSEMER.

27.15 26.81 27.61

28.00
28.08

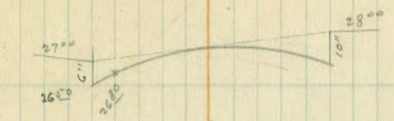
28.05
9.68
32.73 ✕

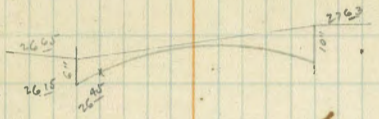
32.73 32.73
26.81 27.61
5.78 5.12

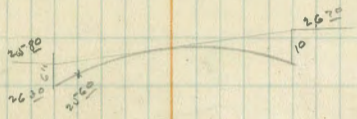
RAKED.

ROSECRANS.

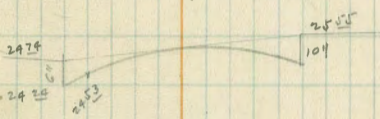
5-9







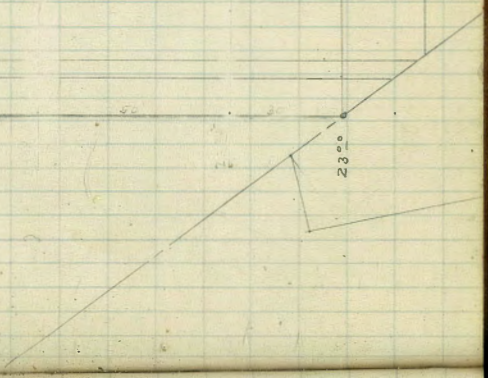
N.G. RAKED.



60

ROSECRANS!

RAKED!



BM 23.32
5.15
28.47 T

28.47 28.47
5.20 4.60
C = 23.27 23.87 = C

E = 20.54

G = 22.72

22.96

28.47 28.47
23.54 22.96
4.93 5.51

23.32
3.11
26.43 T

26.43 26.43
21.30 22.00
5.13 4.43

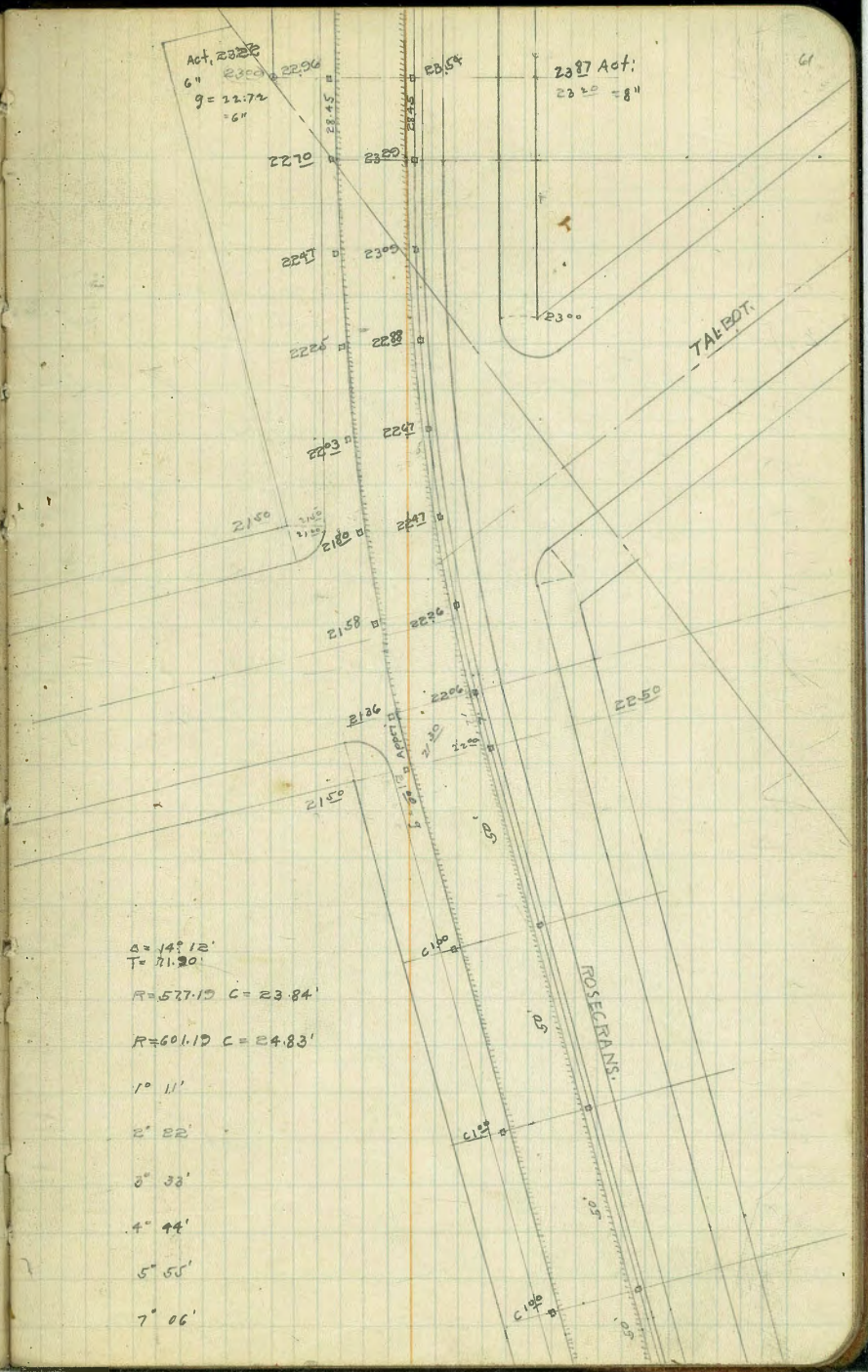
BM. 20.67 SW Canon Road

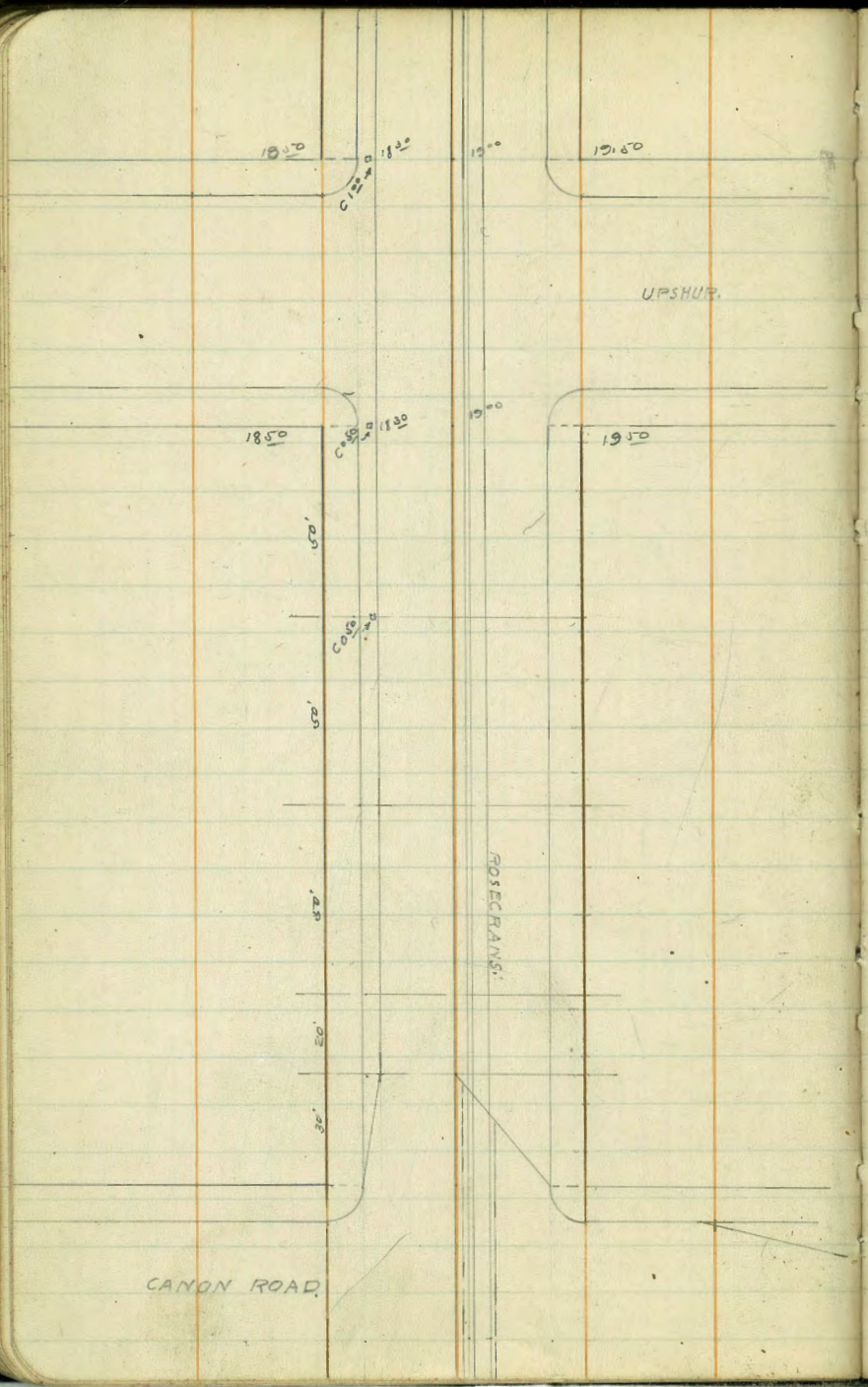
.08632%

26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43
22.00 22.06 22.26 22.47 22.67 22.98 23.09 23.29 23.54
4.43 4.37 4.17 3.96 3.76 3.55 3.34 3.14 2.89

.0097%

26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43 26.43
21.30 21.36 21.58 21.80 22.03 22.25 22.47 22.70 22.96
5.13 5.07 4.85 4.63 4.40 4.19 3.96 3.73 3.47





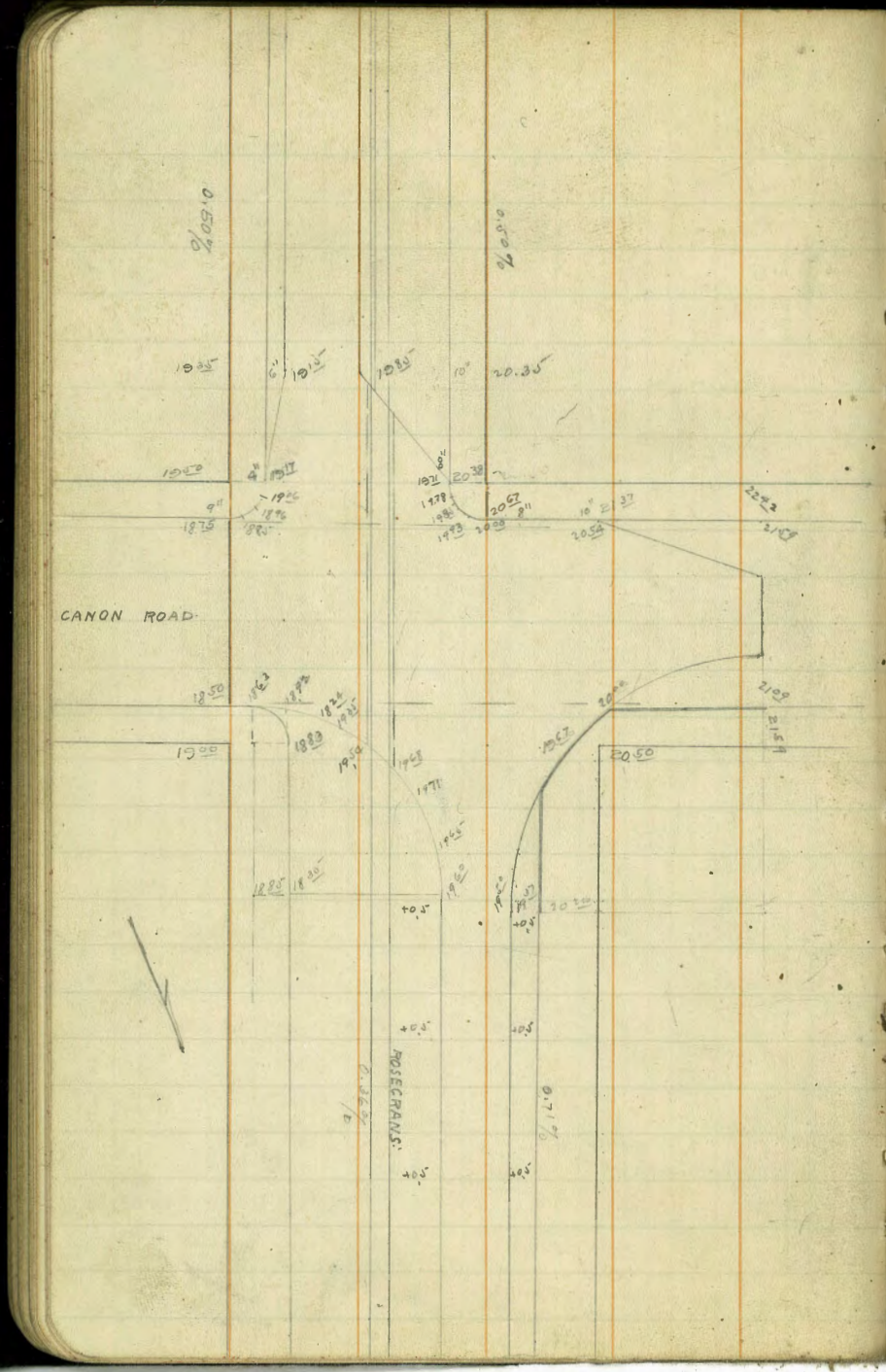
BM. 20.67
3.30
23.97 T

23.97
18.30
5.67

23.97
19.00
4.97

6.34 on Rod

5.14 Rod
2
4.64



20.67 B.W.
+2.96
23.63 ℄

20.67
6.34
27.01 ℄

27.01 27.01
19.50 19.00
7.51 8.01

20.67
+5.06
25.73 ℄

23.63 23.63
19.15 19.85
4.48 3.78 ✓

25.72 25.72 25.73 25.73 Curb N.W.Cor.
20.50 20.41 20.50 21.59
5.23 5.32 5.23 4.14

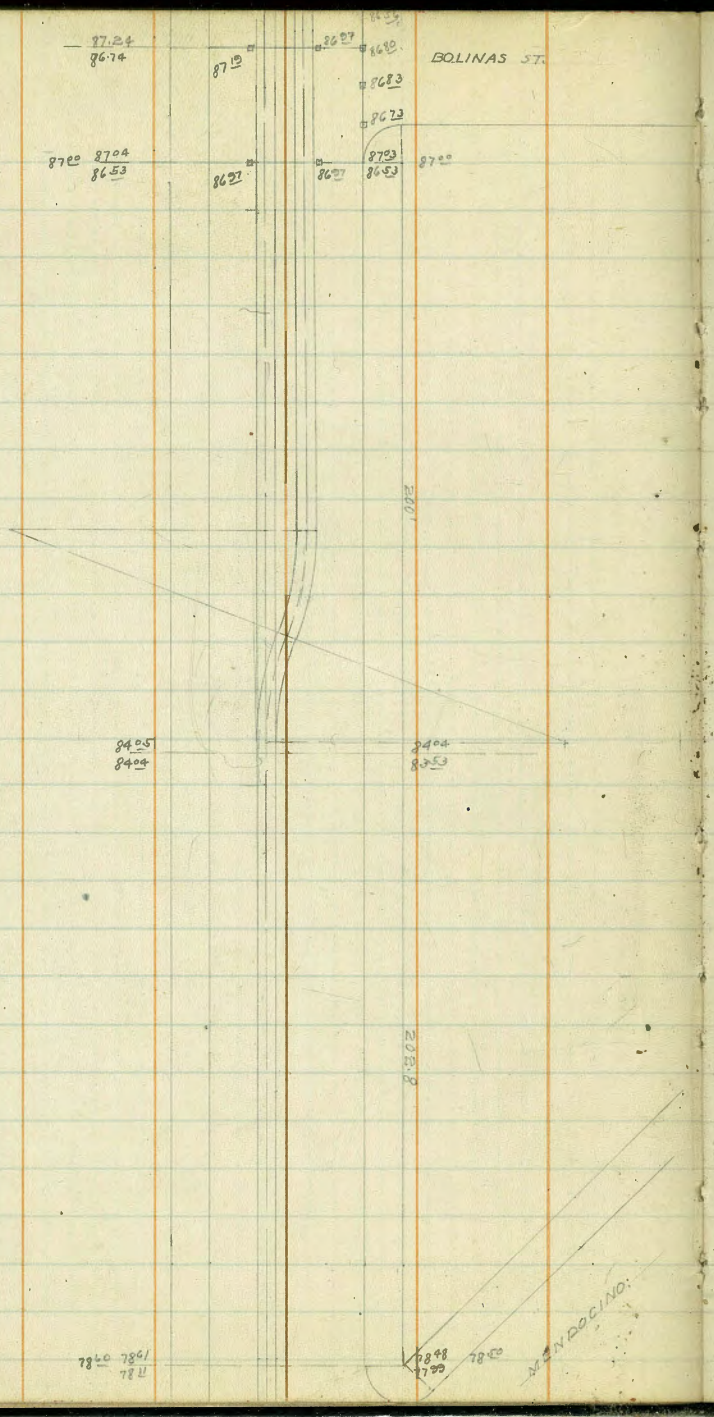
W E
25.73 25.73
19.50 19.60
6.23 6.13
5.73 5.63
+0.5° +0.50

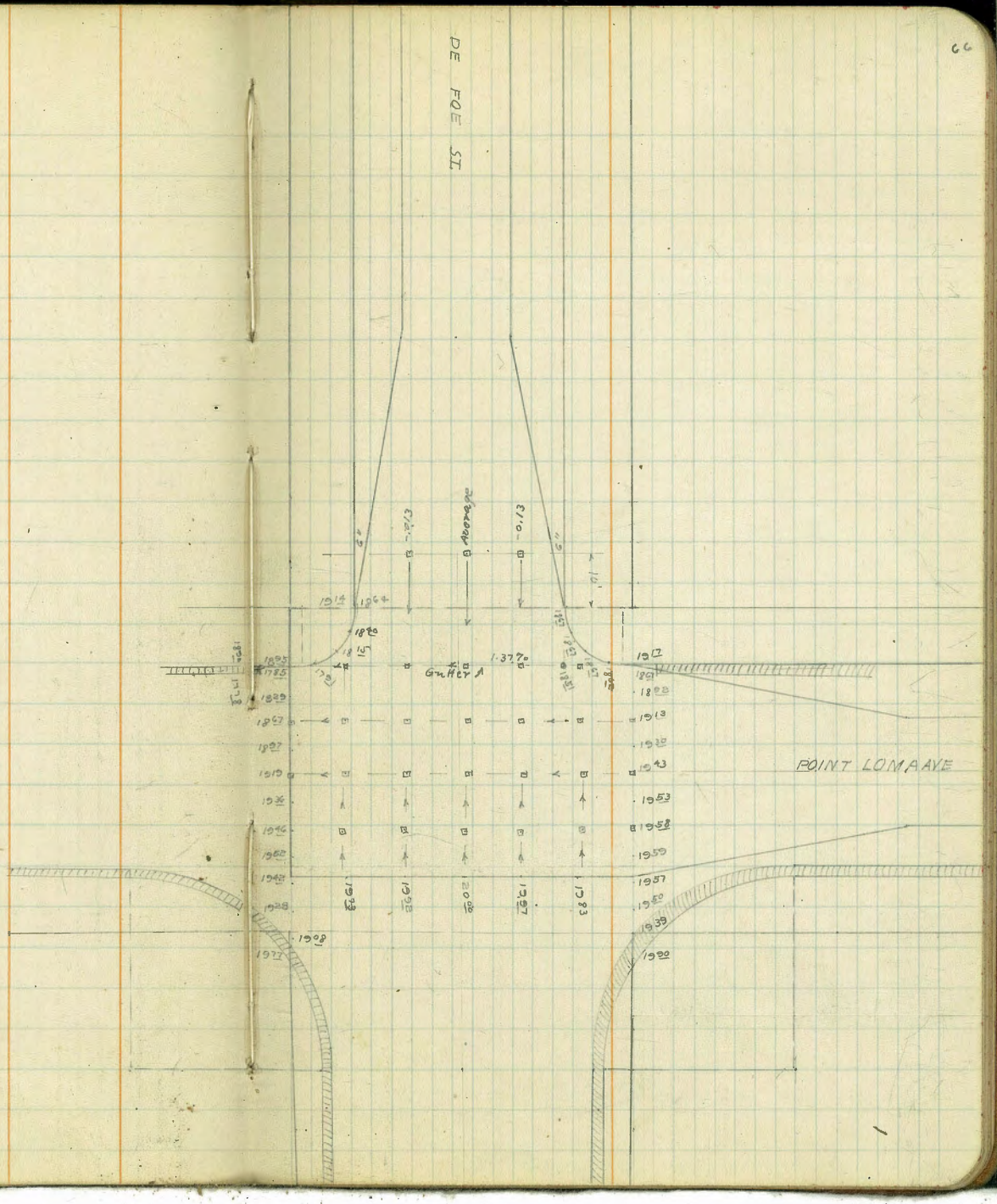
6.56 6.41

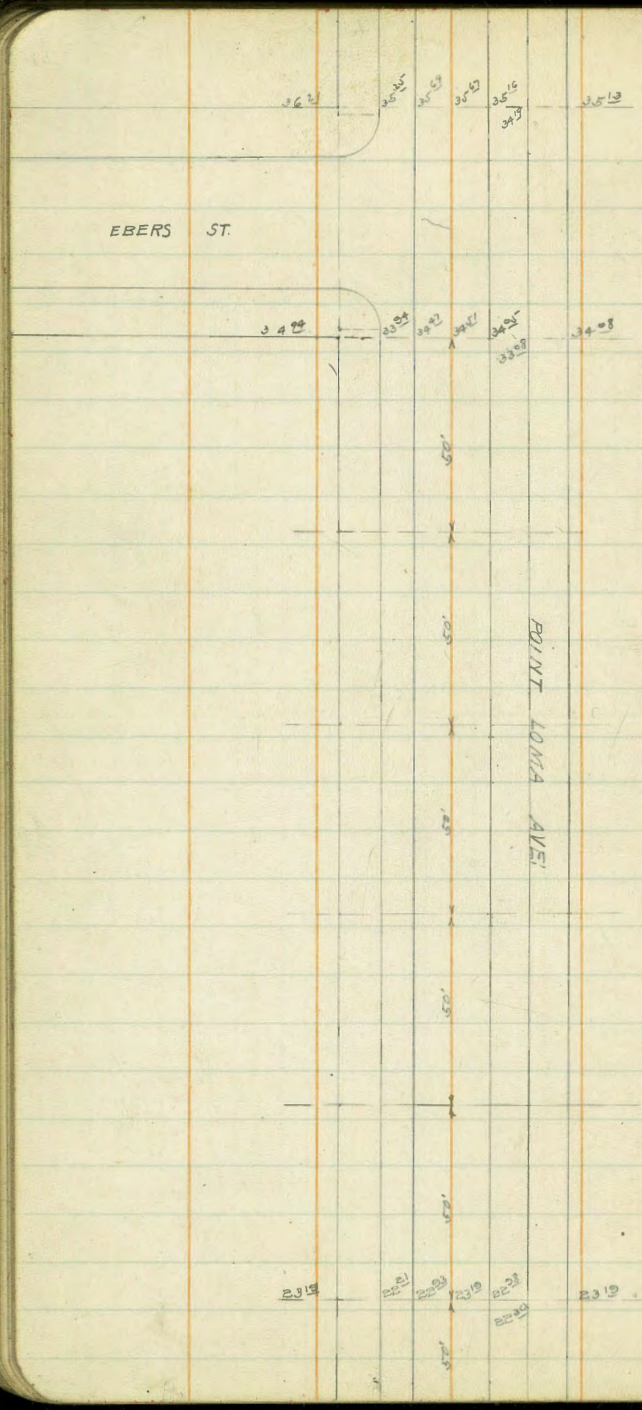
25.73 25.73
18.94 19.64
6.79 6.09

✓ 18.83 19.09 19.32 19.56 19.65 19.75 19.81 19.84 19.82 19.77 19.67 ℄
✓ 20.00 20.29 20.53 20.73 20.86 20.99 20.97 20.94 20.88 20.72 20.54
✓ 18.50 18.76 18.95 19.13 19.30 19.25 19.20 19.20 19.10 18.96 18.75

18.35 18.69 18.97 19.21 19.39 19.52 19.60 19.62 19.58 19.50 19.37 ℄
✓ 19.17 19.40 19.60 19.75 19.87 19.94 20.05 20.03 19.96 19.86 19.71 ℄
18.85 19.15 19.40 19.60 19.75 19.85 19.89 19.87 19.80 19.68 19.57 ℄
X 21.09 21.37 21.61 21.81 21.93 22.00 22.03 21.99 21.91 21.77 21.59 ℄


87.24
86.74
87.10
86.27
86.92
86.83
86.73
BOLINAS ST.
87.04
86.53
87.03
86.53
87.00
86.37
86.27
87.00
2100'
84.05
84.04
84.04
83.53
2058'
78.61
78.11
78.48
77.98
78.00
MENDOCINO:


DE FOE ST
POINT LOMA AVE



B.M. 34.07
+2.27
36.34 ✓

36.25
35.16
1.09 ✓

36.25
35.69
0.56 ✓

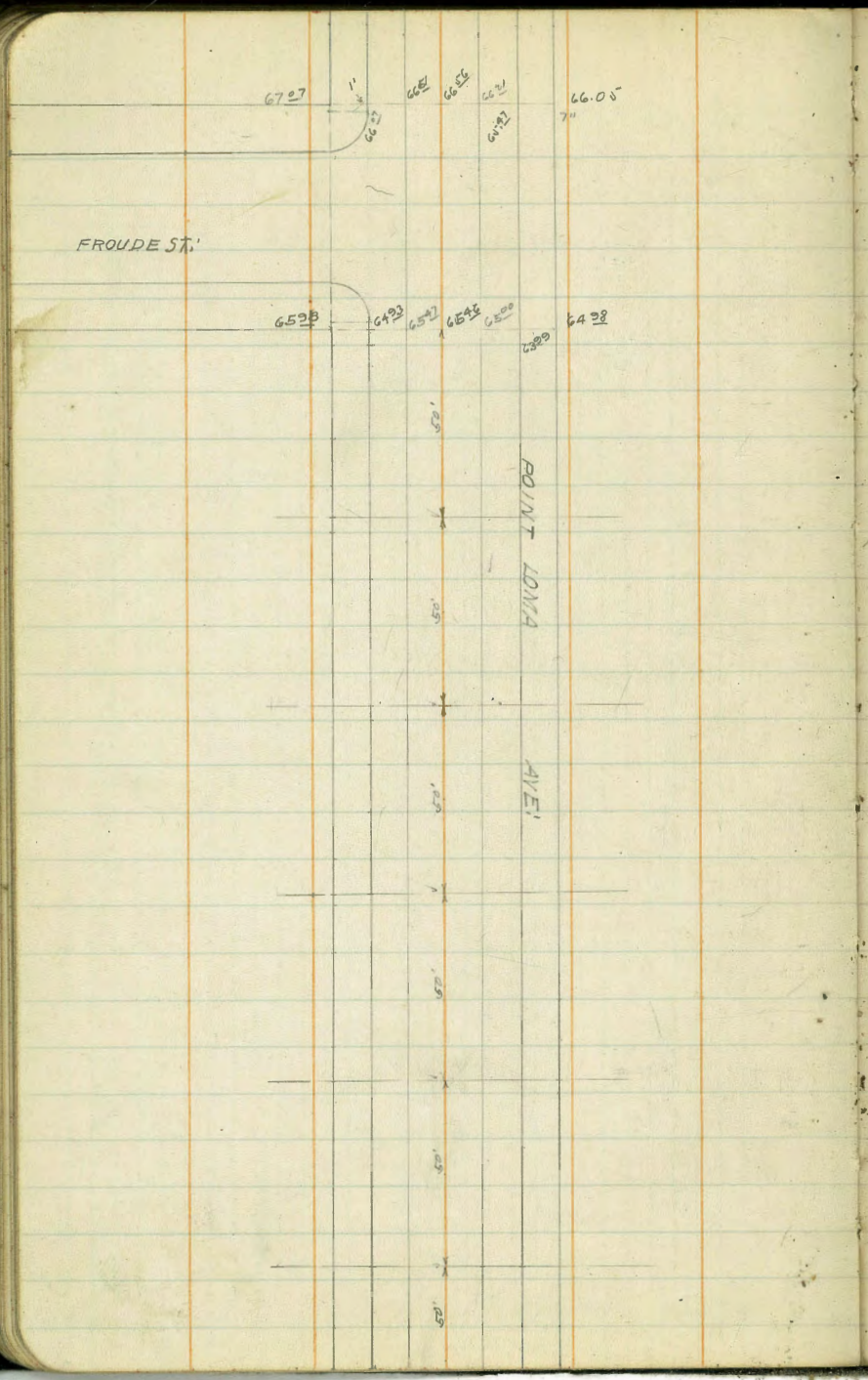
34.04
87
34.91 ✓

34.91
34.47
0.44 ✓

34.91
34.05
0.86 ✓

34.91
22.53
11.98 ✓

34.91
22.38
11.53 ✓



BM. 64.90
+ 5.22
70.12 ✓

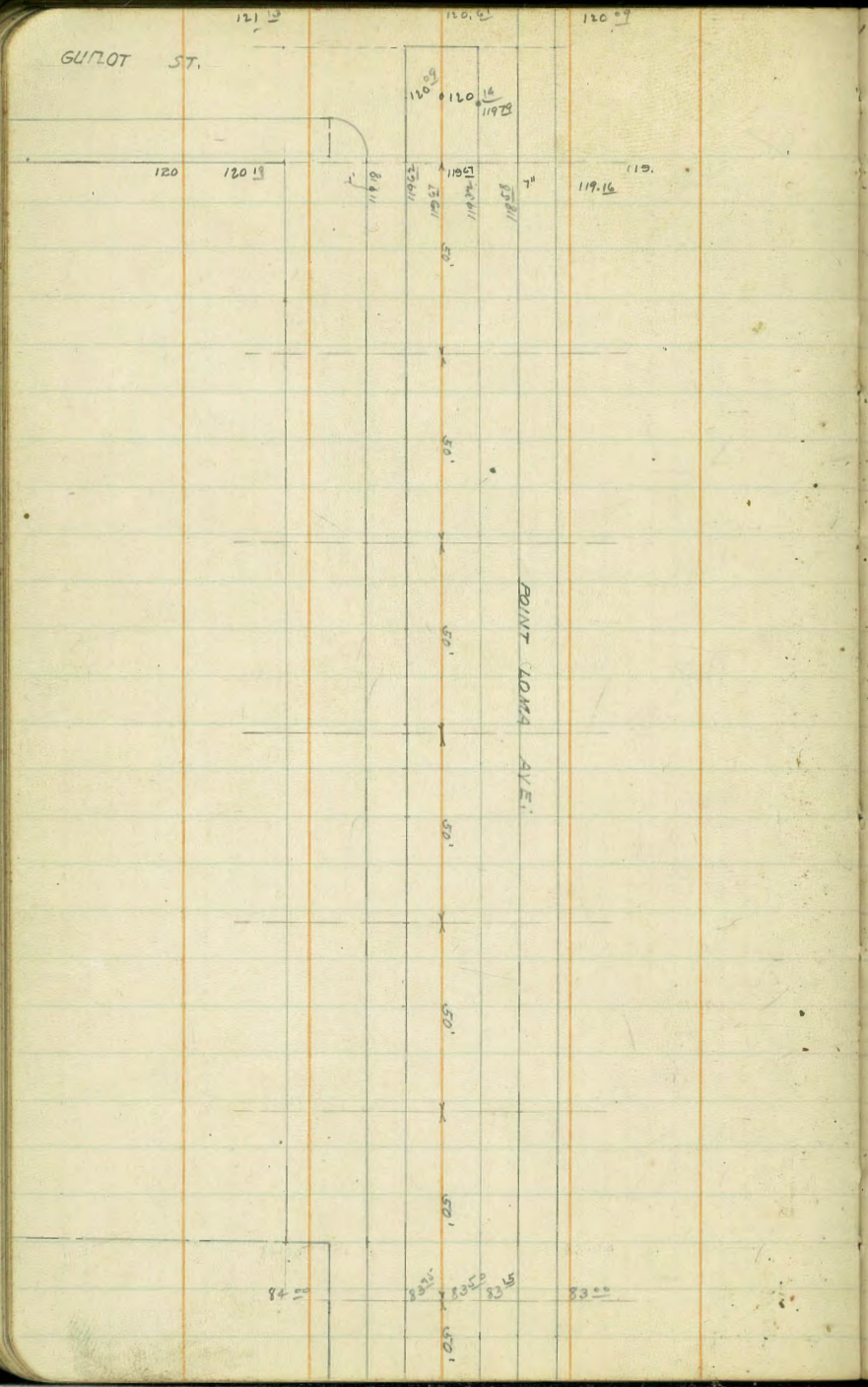
70.12
65.47
4.65

70.12
65.00
5.12

64.90
13.00
77.90 ✓
0.67
77.23
9.47
86.70 I

77.90
66.51
11.39

77.90
66.21
11.69



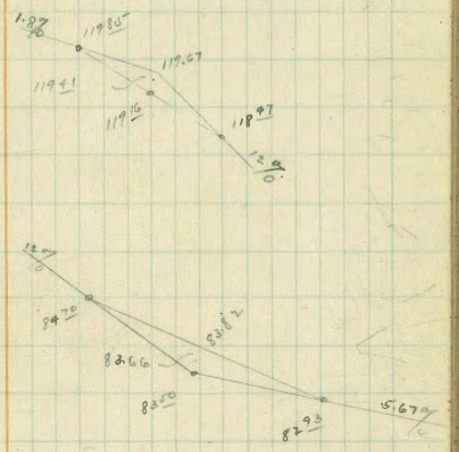
B.M. 118.13
5.18
124.31

124.31	124.31	124.31	124.31	124.31	124.31
120.09	119.79	119.80	119.50	119.36	119.06
4.22	4.52	4.51	4.81	4.95	5.25

124.31	124.31
118.42	118.12
5.89	6.19

86.70 x See interiors page

86.70	86.70	86.70	86.70	86.70	86.70
82.88	82.58	83.61	83.31	84.65	84.35
3.82	4.12	3.09	3.39	2.05	2.35

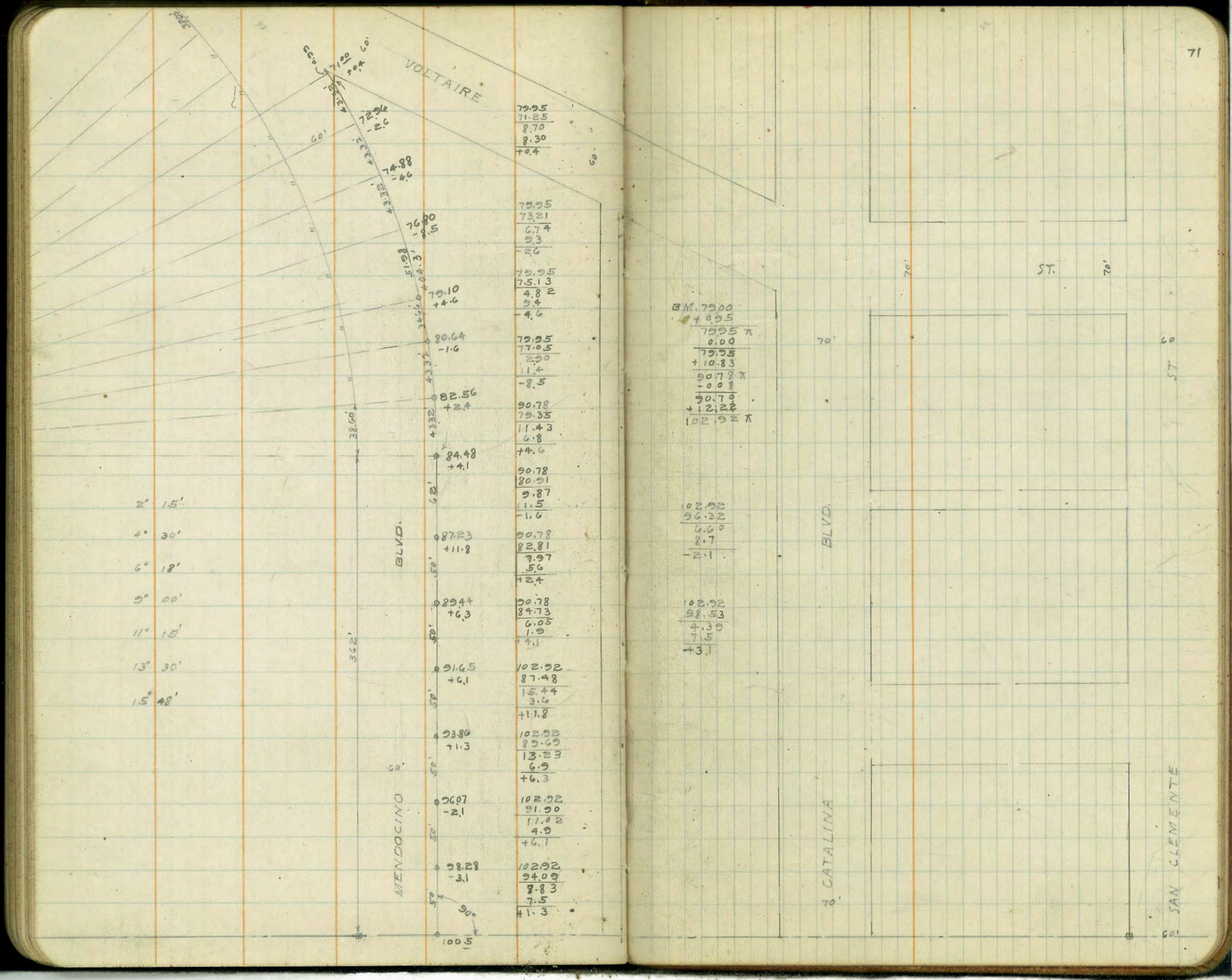


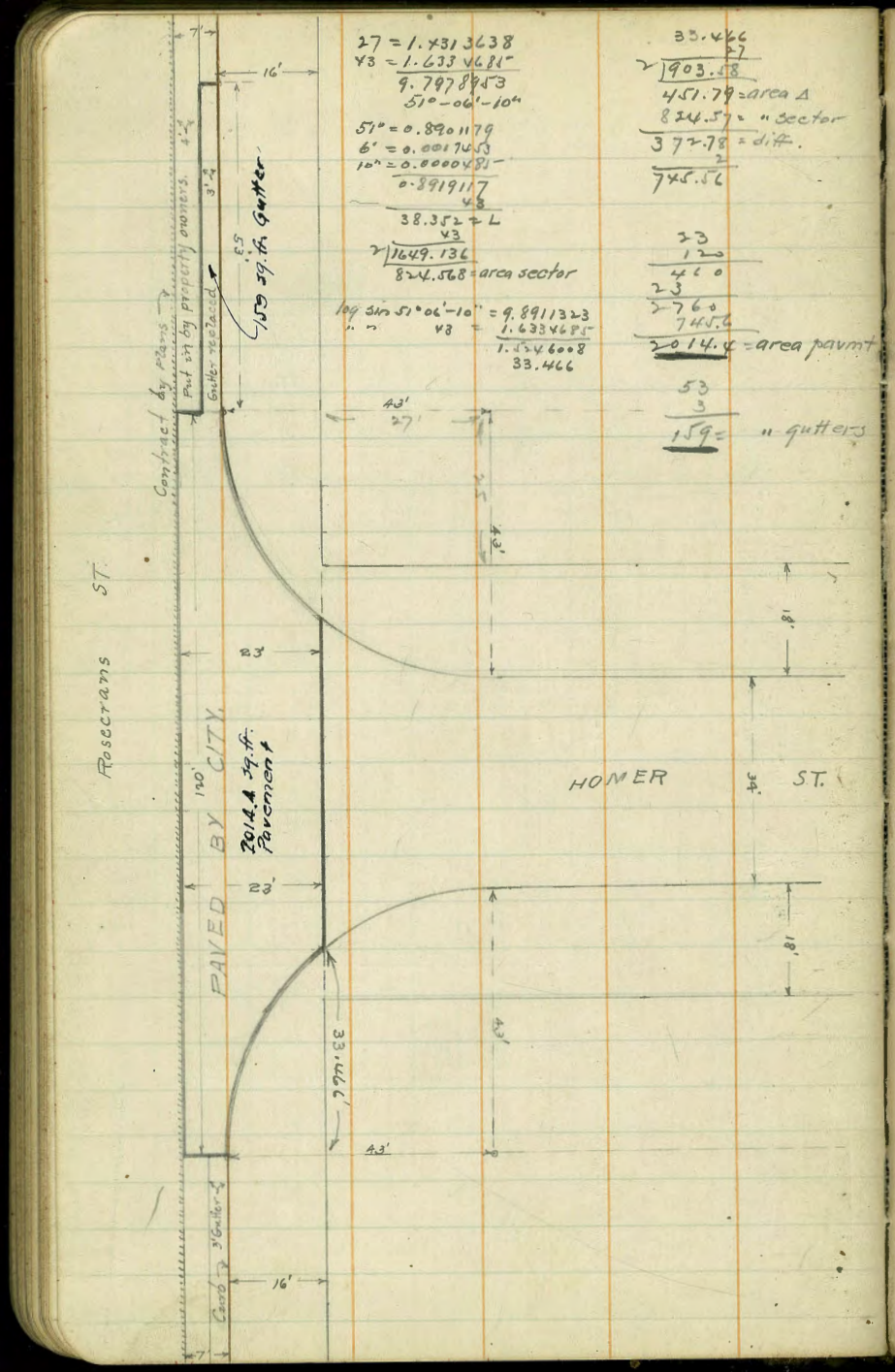
					grade
00					69.80
+50		82.14 69.57 12.57 7.68 +4.89	82.14 69.00 13.14 9.55 +3.59		69.57
1				82.14 70.15 11.99 6.48 +5.51	70.15
1+52		82.14 70.72 11.42 6.03 +5.39	82.14 71.30 10.84 5.34 +5.50		70.72
2				82.14 72.00 10.14 4.26 +5.88	71.30
2+60 = M H		82.14 72.77 9.37 2.71 +6.66			72.00
3			82.14 73.73 8.41 2.59 +5.82		72.77
3+50				82.14 74.69 7.45 1.69 +5.76	73.73
4					74.69
4+50		82.14 75.65 6.49 0.96 +5.53	94.14 76.61 17.53 11.37 +6.16		75.65
5				94.14 77.20 16.89 10.88 +6.01	76.61
5+32		94.14 78.00 16.14 9.53 +6.56			77.20
5+72 = N, H			94.14 78.68 15.46 9.32 +6.14		78.00
6+12				94.14 79.32 14.82 8.13 +6.69	78.68
6+50		94.14 80.16 13.98 7.34 +6.64			79.32
7			94.14 81.01 13.13 6.18 +6.95		80.16
+50				94.14 81.86 12.28 5.20 +7.08	81.01
8		94.14 82.70 11.44 3.59 +7.85			81.86
+50			94.14 83.54 10.60 +8.57 +8.03		82.70
9				94.14 84.39 9.75 1.51 +8.24	83.54
+50		94.14 85.00 9.14 0.68 +8.46			84.39
9+87 = D, E.					85.00

B.M. 87.60 Mon Draper & Pearl N
+4.43
92.03 π
-2.69
79.34
+2.80
82.14 π
-0.56
81.18
+12.96
94.14 π
2.30
91.84 = Bobs B.M. 91.88

Top stakes July 29th 22 Bowman Miller Sights Walbrecht

B.M. S.E. Cor Pearl & Gerard 115.05


VOLTAIRE
BLVD.
MENDOCINO
CATALINA
BLVD.
SAN CLEMENTE
ST.
60'
70'
362'
38.60'
43.32'
104.3'
2° 15'
4° 30'
6° 18'
9° 00'
11° 15'
13° 30'
15° 48'
79.95
71.25
8.70
8.30
+0.4
79.95
73.21
6.74
9.3
-2.6
79.95
75.13
4.82
9.4
-4.6
79.10
+4.6
80.64
-1.6
79.95
77.05
2.90
11.4
-8.5
82.56
+2.4
90.78
79.35
11.43
6.8
+4.6
84.48
+4.1
90.78
80.91
9.87
11.5
-1.6
87.23
+11.8
90.78
82.81
7.97
5.6
+2.4
89.44
+6.3
90.78
84.73
6.05
1.9
+4.1
91.65
+6.1
102.92
87.48
15.44
3.6
+11.8
93.86
+1.3
102.92
89.69
13.23
6.9
+6.3
96.07
-2.1
102.92
91.90
11.02
4.9
+6.1
98.28
-3.1
102.92
94.09
8.83
7.5
+1.3
BM. 79.00
+0.95
79.95 A
0.00
79.95
+10.83
90.78 A
-0.08
90.70
+12.22
102.92 A
102.92
96.32
6.60
8.7
-2.1
102.92
98.53
4.39
7.5
+3.1



IMPROVED TABLES

AND

INFORMATION