

1083

MICROFILMED

DEC 21 1964

78.86

907

87.93

257

3370 BM SE Cedar to 3310

CROSS SECTION OF 33rd ST
S. L. Cedar to S. End.

60' 5 1/2"
10' 6 3/8"
10' 1/4"

32.7
40.2
47.7
5

SE Cedar to 33rd Max
This elev. should
be 234.65

234.65
235.20

34.5 34.0 +1.5	34.7 34.0 +1.7	34.6 33.4 +1.2	34.7 33.5 +1.2	34.4 32.7 +1.7	34.1 32.5 +1.6
10.0	2.0	2.1	2.0	2.3	2.2
34.5 34.0 +1.5	34.7 34.0 +1.7	34.6 33.4 +1.2	34.7 33.5 +1.2	34.4 32.7 +1.7	34.1 32.5 +1.6
1.6	1.9	1.9	1.8	2.0	2.1
35.0 33.5 +1.5	34.8 32.7 +2.1	34.9 32.3 +2.6	34.7 31.0 +3.7	34.4 31.1 +3.3	34.1 32.5 +1.6

234.65
235.20

234.65
235.20

3370 BM SE Cedar to 3310

CROSS SECTION OF 33rd ST
S. L. Cedar to S. End.

60' 5 1/2"
10' 6 3/8"
10' 1/4"

E

234.65
235.20

34.5 34.0 +1.5	34.7 34.0 +1.7	34.6 33.4 +1.2	34.7 33.5 +1.2	34.4 32.7 +1.7	34.1 32.5 +1.6
10.0	2.0	2.1	2.0	2.3	2.2
34.5 34.0 +1.5	34.7 34.0 +1.7	34.6 33.4 +1.2	34.7 33.5 +1.2	34.4 32.7 +1.7	34.1 32.5 +1.6
1.6	1.9	1.9	1.8	2.0	2.1
35.0 33.5 +1.5	34.8 32.7 +2.1	34.9 32.3 +2.6	34.7 31.0 +3.7	34.4 31.1 +3.3	34.1 32.5 +1.6

234.65
235.20

234.65
235.20

234.65
235.20

34.5 34.0 +1.5	34.7 34.0 +1.7	34.6 33.4 +1.2	34.7 33.5 +1.2	34.4 32.7 +1.7	34.1 32.5 +1.6
10.0	2.0	2.1	2.0	2.3	2.2
34.5 34.0 +1.5	34.7 34.0 +1.7	34.6 33.4 +1.2	34.7 33.5 +1.2	34.4 32.7 +1.7	34.1 32.5 +1.6
1.6	1.9	1.9	1.8	2.0	2.1
35.0 33.5 +1.5	34.8 32.7 +2.1	34.9 32.3 +2.6	34.7 31.0 +3.7	34.4 31.1 +3.3	34.1 32.5 +1.6

234.65
235.20

234.65
235.20

234.65
235.20

34.5 34.0 +1.5	34.7 34.0 +1.7	34.6 33.4 +1.2	34.7 33.5 +1.2	34.4 32.7 +1.7	34.1 32.5 +1.6
10.0	2.0	2.1	2.0	2.3	2.2
34.5 34.0 +1.5	34.7 34.0 +1.7	34.6 33.4 +1.2	34.7 33.5 +1.2	34.4 32.7 +1.7	34.1 32.5 +1.6
1.6	1.9	1.9	1.8	2.0	2.1
35.0 33.5 +1.5	34.8 32.7 +2.1	34.9 32.3 +2.6	34.7 31.0 +3.7	34.4 31.1 +3.3	34.1 32.5 +1.6

234.65
235.20

234.65
235.20

E

236.70
150' 5' x Cedar

W

6.12
2.08
4.17
735.20
2.05
8.75
2.05
12.11
72.99
0.86
733.84

2.97
6.41
1.099
24.16
11.04
21.52
1.52
733.2

8.12	7.16	7.10	6.8	68-6.1-59-50	4' 2' 4'
26.5 24.9 +1.6	29.1 26.2 +2.9	29.7 26.4 +3.3	29.9 28.1 +1.8	299 300 308 262 263 264 +3.7 +3.7 +4.4	31.1 24.4 +6.7
11.2	10.4	20' 5' 2' 9.9 9.1	9.0	8.1	8.1
25.5 23.8 +1.7	26.3 24.2 +2.1	26.8 27.6 24.0 24.1 +2.8 +3.5	27.7 23.9 +3.8	28.1 24.2 +3.9	28.6 24.4 +4.2
13.7	13.0	250' 5' 123 11.8	11.5	11.5	10.6
23.4 21.5 +1.9	25.7 21.4 +4.3	24.4 24.9 21.8 21.7 +2.6 +3.1	25.2 21.7 +3.5	25.2 21.1 +4.1	26.1 22.3 +3.8
23.0 21.8 +1.2	23.4 21.5 +1.9	23.4 21.5 +1.9	25.2 21.7 +3.5	25.2 21.1 +4.1	26.1 22.3 +3.8

20.9
8.1
11.8
231.8
12.1
12.1
21.0

25.1
24.2
+0.9
11.5
11.2
11.2
11.2

23.0
21.8
+1.2
23.4
21.5
+1.9

7.3
Hub on NL Beech
40'

300' 5" =
NL Beech 30' cbs
10' / 43
19.00
19.06

6.9
NL cb Beech

7.3
NL 1/4 Beech

Hub NE Beech
50'

1.23	5.1	3.6	3.5	224.54	50'
20.9 19.0 +1.9	20.7 19.0 +1.7	22.2 19.5 +2.7	22.5 19.5 +3.0	23.0 20.0 +3.0	24.0 20.3 +3.7
6.9	6.0	5.3	5.3	12.16	1.8
19.8 18.8 +1.0	20.2 18.8 +1.4	20.5 19.3 +1.2	20.6 19.3 +1.3	21.5 20.0 +1.5	22.7 20.2 +2.5
7.3	6.6	6.8	6.1	5.3	3.8
18.5 18.5 0.0	19.2 17.9 +1.3	19.1 18.1 +1.0	19.7 18.2 +1.5	20.5 19.5 +1.0	22.0 19.5 +2.5

20.2
8.20
0.26
2.01
2.34

33rd St

2

W

Center Beach

10.5
10.6
10.7
10.8
10.9
11.0

8.0 7.6 7.9 7.6 5.7 4.6

18.5
17.8
-0.7

18.2
17.1
-1.1

18.5
17.9
-0.6

19.0
18.2
-0.8

19.1
18.0
+1.1

19.1
18.7
+0.4

20.1
19.5
+0.6

29.64
29.59
3.73
22.332

5 1/4 Beach

5.2

18.0
17.2
-0.8

17.4
17.6
-0.2

18.4
17.5
-0.9

18.9
17.8
-1.1

18.9
18.5
-0.4

19.4
18.6
+0.8

19.4
19.0
+0.4

5.00 Beach

6.9

17.2
16.3
-0.9

18.0
16.5
-1.5

18.3
17.0
-1.3

18.7
17.8
-0.9

18.9
18.8
+0.1

18.9
18.5
+0.4

20.0
19.2
+0.8

219.64
219.59
3.73
197.5
460

5.1. Beach

4.3

18.0
15.1
-2.9

18.0
15.3
-2.7

18.0
16.1
-1.9

18.5
16.9
-1.6

18.5
17.4
-1.1

18.8
17.2
-1.6

19.0
18.1
+0.9

17.2
17.8
-0.6

19.0
18.3
+0.7

219.64
219.59
3.73
197.5
460

5.5. Beach

4.9

18.0
15.1
-2.9

18.0
15.3
-2.7

18.0
16.1
-1.9

18.5
16.9
-1.6

18.5
17.4
-1.1

18.8
17.2
-1.6

19.0
18.1
+0.9

17.2
17.8
-0.6

19.0
18.3
+0.7

10.5
10.6
10.7
10.8
10.9
11.0

5.5. Beach

5.9

18.0
15.1
-2.9

18.0
15.3
-2.7

18.0
16.1
-1.9

18.5
16.9
-1.6

18.5
17.4
-1.1

18.8
17.2
-1.6

19.0
18.1
+0.9

17.2
17.8
-0.6

19.0
18.3
+0.7

33rd St

5.5 Mid V.L. = Walk to House 19.40 =

10.5
10.6
10.7
10.8
10.9
11.0

209.3

3

W

100.5

152 153 144

083 081 080
063 062 071
-20 -13 -09

072 071 -01
082 080 +0.2
085 085 +0.3

1.80

13.3 127

04.8 04.5
03.5 +0.8

19.10

09.7 08.8
08.2 +1.5

120

09.5 09.5
+1.0

118 117 103 101

097 098 112 114
090 091 092 093
+0.7 +0.7 +0.0 +0.1

208.38

192.88
078
193.63

150.5

11.3 11.9

030 028
028 +0.8

19.10

04.7 04.7
03.5 +1.2

102 103 95 93

050 052 064 064
040 042 043 043
+1.0 +1.1 +0.1 +0.1

200.0 200.0
182.2 +1.8

11.3 10.9

99.3 98.5
98.0 +1.3

104

99.8 99.7 003
98.5 98.2 99.3
+1.3 +0.7 +1.5 +1.2

400.5

98.9 98.9
98.0 +0.9

194.7 194.7

194.7 194.7
98.3 98.0
+1.4 +0.9

194.7 194.7

194.7 194.7
98.3 98.0
+1.4 +0.9

194.7 194.7

194.7 194.7
98.3 98.0
+1.4 +0.9

194.7 194.7

194.7 194.7
98.3 98.0
+1.4 +0.9

E

100.5

152 153 144

083 081 080
063 062 071
-20 -13 -09

072 071 -01
082 080 +0.2
085 085 +0.3

1.80

13.3 127

04.8 04.5
03.5 +0.8

19.10

09.7 08.8
08.2 +1.5

120

09.5 09.5
+1.0

118 117 103 101

097 098 112 114
090 091 092 093
+0.7 +0.7 +0.0 +0.1

208.38

192.88
078
193.63

150.5

11.3 11.9

030 028
028 +0.8

19.10

04.7 04.7
03.5 +1.2

102 103 95 93

050 052 064 064
040 042 043 043
+1.0 +1.1 +0.1 +0.1

200.0 200.0
182.2 +1.8

11.3 10.9

99.3 98.5
98.0 +1.3

104

99.8 99.7 003
98.5 98.2 99.3
+1.3 +0.7 +1.5 +1.2

400.5

98.9 98.9
98.0 +0.9

194.7 194.7

194.7 194.7
98.3 98.0
+1.4 +0.9

194.7 194.7

194.7 194.7
98.3 98.0
+1.4 +0.9

194.7 194.7

194.7 194.7
98.3 98.0
+1.4 +0.9

194.7 194.7

194.7 194.7
98.3 98.0
+1.4 +0.9

198.54

1.17

3.1 3.2

95.0 95.1
93.0 +2.0

195.1 195.1
92.8 +2.3

5.34

198.19

6.2 6.8

91.4 91.5
88.5 +2.9

92.0 92.0
88.0 +4.0

92.1 92.1
87.5 +4.5

7.2 7.9

91.4 91.5
88.5 +2.9

91.3 91.3
88.5 +2.8

91.0 91.0
89.2 +1.7

89.8 89.8
87.0 +2.8

89.5 89.5
87.0 +2.5

89.5 89.5
87.0 +2.5

194.07

13.11

2.8 2.8

95.4 95.4
92.5 +2.9

95.3 95.3
92.2 +3.1

5.34

198.19

6.9 7.2

91.4 91.5
88.5 +2.9

92.0 92.0
88.0 +4.0

92.1 92.1
87.5 +4.5

7.2 7.9

91.4 91.5
88.5 +2.9

91.3 91.3
88.5 +2.8

91.0 91.0
89.2 +1.7

89.8 89.8
87.0 +2.8

89.5 89.5
87.0 +2.5

89.5 89.5
87.0 +2.5

corrected H.Z. here
192.90 = 192.850A.
H.Z. Max NE Ash
T₁₈₀₀ x 40 x 7.2

192.90
100
191.8

33rd St 4

4

W

N. 1/4 Ash

1.5	80	88	83	86	88	90
907 87.5 +3.2	90.2	89.4 87.7 +1.7	89.9 88.1 +1.8	89.6 88.8 +0.8	89.4 87.5 +1.9	89.2 87.5 +1.7
8.4	8.5	9.2	9.2	9.2	9.3	9.4
89.8 87.5 +2.3	89.7 87.5 +2.2	89.0 87.5 +1.5	89.0 87.8 +1.2	88.9 87.7 +1.2	88.9 88.3 +0.6	88.8 88.3 +0.5
9.3	9.2	9.6	9.4	9.8	9.8	10.0
88.9 87.0 +1.9	89.0 87.4 +1.6	88.6 87.4 +1.2	88.3 87.0 +1.3	88.4 87.5 +0.9	88.4 88.0 +0.4	88.2 88.0 +0.2

62.3
3.83
31.23
16.14

3.22
3.67

3.22
7.50

198.14

E

W

S. ob Ash

4.8	4.9	10.6	10.7	10.5	10.6	10.8
88.4 87.2 +1.2	88.3 87.0 +1.3	87.6 87.3 +0.3	87.7 87.5 +0.2	87.8 87.7 +0.1	87.6 87.5 +0.1	87.4 87.2 +0.2
9.6	9.5	12.5	13.1	12.9	12.5	12.2
886 87.3 +1.3	871 863 -0.8	862 857 -0.5	871.5 851 -2.4	87.5 85.3 -2.2	88.0 85.7 -2.3	88.3 85.0 -3.3
11.4	11.9	12.5	13.1	12.9	12.5	12.2
886 87.3 +1.3	871 863 -0.8	862 857 -0.5	871.5 851 -2.4	87.5 85.3 -2.2	88.0 85.7 -2.3	88.3 85.0 -3.3
4.6	4.5	3.6	4.8	5.1	5.1	4.7
860 83.5 +2.5	854 826 -0.8	834 81.9 -1.5	83.8 80.7 -3.1	83.8 80.4 -3.4	84.2 80.4 -3.8	84.4 80.8 -3.6

194.5

87

100.43

53.89
10.85

33rd St

88.2
11.98
7.6
8.88

45

5

0.30

87.5
11.22
7.94

50.5

2
+0.5
+0.2
2.9

0.17

185.48

12.88

185.31

1850 W

100' S of Ash

89.8
19.6
109.4
109.4
109.4
109.4

3.4 7.6 8.9

8.21
7.99
+2.2
79.8
77.9
-1.9
-3.1
76.6
-2.2

4.1

10.2 1.1

7.6
17.3
-3.0
-4.8
70.7
-5.3

2.4 2.2 2.6

7.52
7.09
-4.5
70.7
-4.5

4.4 5.2

7.48
6.87
-6.1
74.6
67.9
-6.7

7.48
6.73
-7.5
74.8
65.6
-9.2
74.5
-6.8

7.51
7.01
-4.9
75.1
70.3
-4.8

170.6

190.5

200.5

190.6

190.4

235.5

10.9

10.9

255.5

185.45

8

9.1 9.4 11.5 9.7 9.7

79.6
78.4
-3.2
78.8
76.6
-2.2

0.54 173.08

2.4 2.2 2.6

7.52
7.09
-4.5
70.7
-4.5

4.4 5.2

7.48
6.87
-6.1
74.6
67.9
-6.7

7.51
7.01
-4.9
75.1
70.3
-4.8

8

8.9 2 3 10.8 9.0 8.1

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

8.9 8.9 7.3

80.3
75.6
-4.7
80.5
76.6
-3.9
76.2

172.54

6 1.1 + 1.9

7.65
7.17
-4.8
76.7
72.9
-4.7

4.4 5.2

7.48
6.87
-6.1
74.6
67.9
-6.7

7.51
7.01
-4.9
75.1
70.3
-4.8

8

8.9 2 3 10.8 9.0 8.1

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

7.26
6.77
-4.9
72.5
66.1
-6.4

E

87.40 80.53 70.2 76.1

87.60 77.63 77.89

87.60 77.63 77.89

87.60 77.63 77.89

84.7 76.1

194.5 181.30 181.30

79.64 21.3 177

72.9 14.98

76.30 70.32 69.72 140.3

70.5 70.5

70.5 70.5

70.5 70.5

70.5 70.5

70.5 70.5

33.4 57

8

W

E

275 S. of 154.

301.715 on West =

300.34 v. East =

3.4. of Property Value

15

6

3

20' S. of East.

0.9

67.1
63.9
-3.2

60.8
61.8
-5.0

66.9
61.8
4.2

66.6
58.7
-7.9

66.9
56.2
-10.7

66.9
55.5
-11.3

66.9
57.1
-9.8

67.2
57.4
-9.8

1.9

65.3
62.9
-2.3

65.0
60.5
-4.5

64.8
58.5
-6.3

64.8
57.4
-7.4

65.0
53.6
-11.4

64.8
51.4
-13.4

65.0
53.3
-11.7

64.2
55.3
-8.9

65.3
57.2
-8.1

3.5

61.3

59.2

64.2
60.5
-3.7

64.8
58.5
-6.3

64.8
57.4
-7.4

65.0
53.6
-11.4

64.2
55.3
-8.9

65.3
57.2
-8.1

3.0

66.9
61.8
4.2

66.6
58.7
-7.9

66.9
56.2
-10.7

66.9
55.5
-11.3

66.9
57.1
-9.8

67.2
57.4
-9.8

4.3

64.2
60.5
-3.7

64.8
58.5
-6.3

65.0
53.6
-11.4

64.8
51.4
-13.4

65.0
53.3
-11.7

65.3
57.2
-8.1

3.6

59.2

57.3

55.3

51.5

49.7

53.1

6.1

8.6

9.3

9.0

7.4

4.3

6.3

11.2

13.4

11.5

7.6

3.6

7.5

9.5

13.3

15.1

11.7

3.0

6.1

8.6

9.3

9.0

7.4

4.3

6.3

11.2

13.4

11.5

7.6

3.6

7.5

9.5

13.3

15.1

11.7

⊕

Above sections by Gregory Tarr 1931.
Also worked up by Dornbush
Feb 1921. Book 10 Page 280
" 10 " 183

33rd St.

7

3/29/21

Gregory Miller Show

B.M.

W.

S.L. GRAPE TO W.

S.L. GRAPE TO E
50400

W.

50' S.

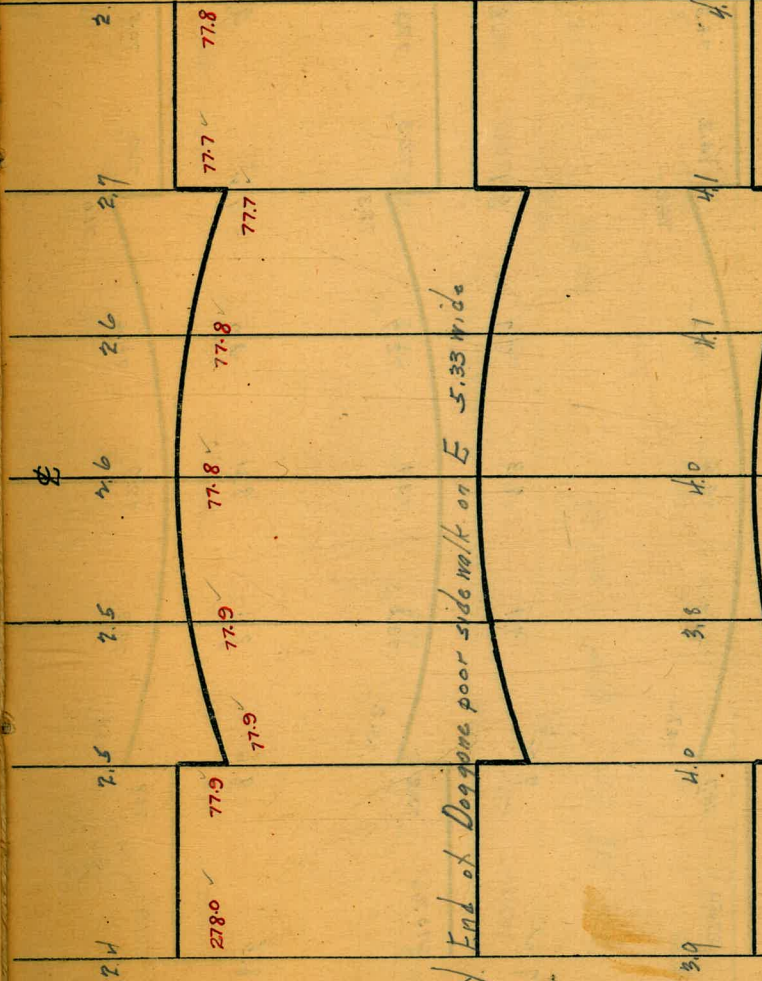
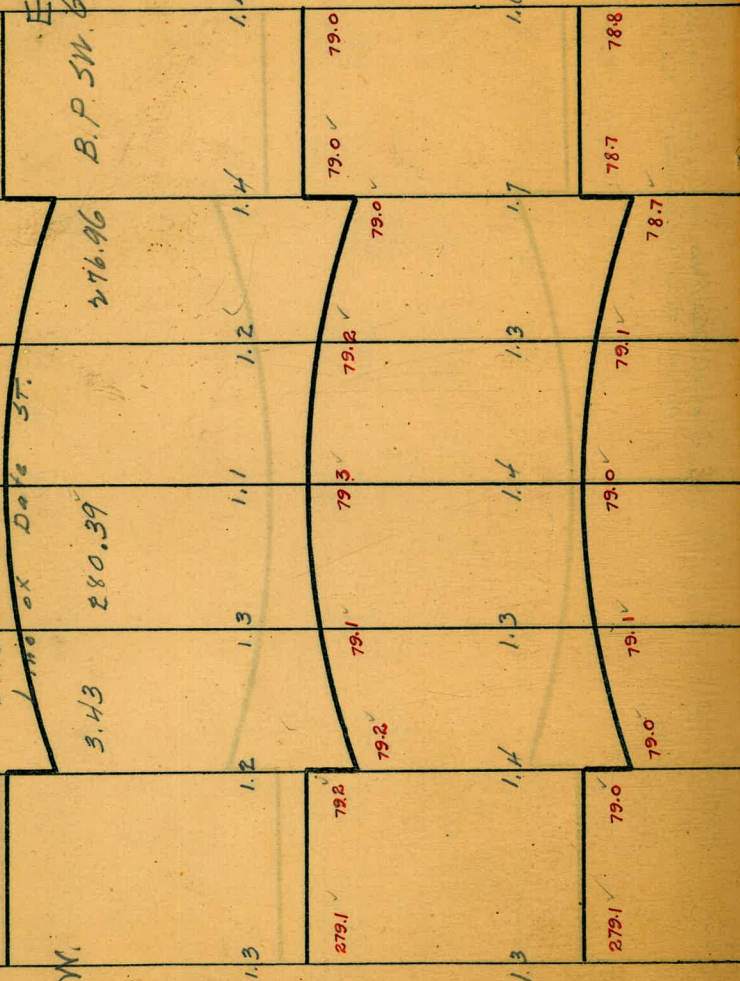
51.5' S. = N. End of Doggone poor sidewalk on E 5.33 wide

100' S.

sketch on page 15 shows where ϕ or 32nd st is 10' cbs. 75' $\frac{1}{2}$

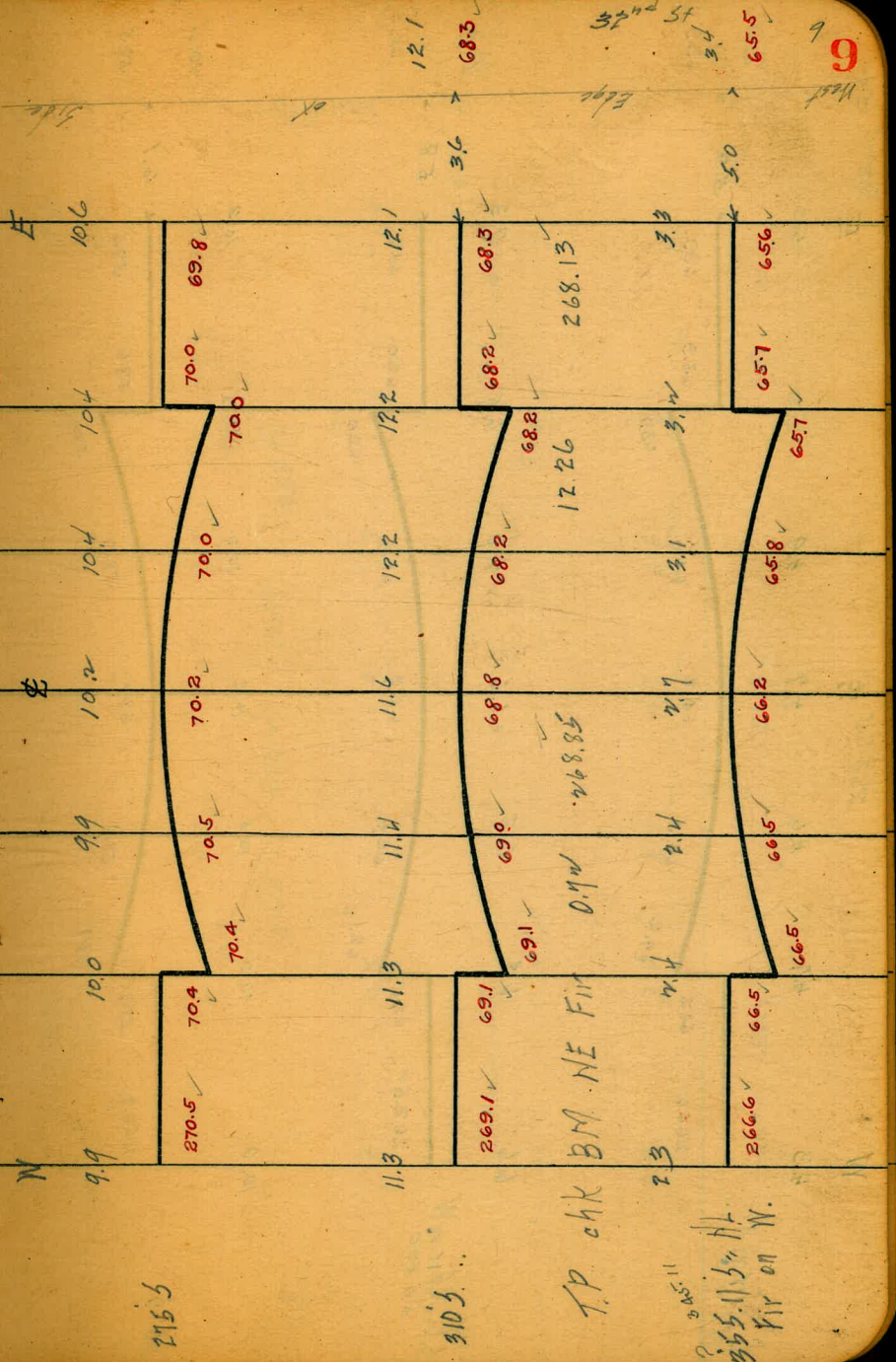
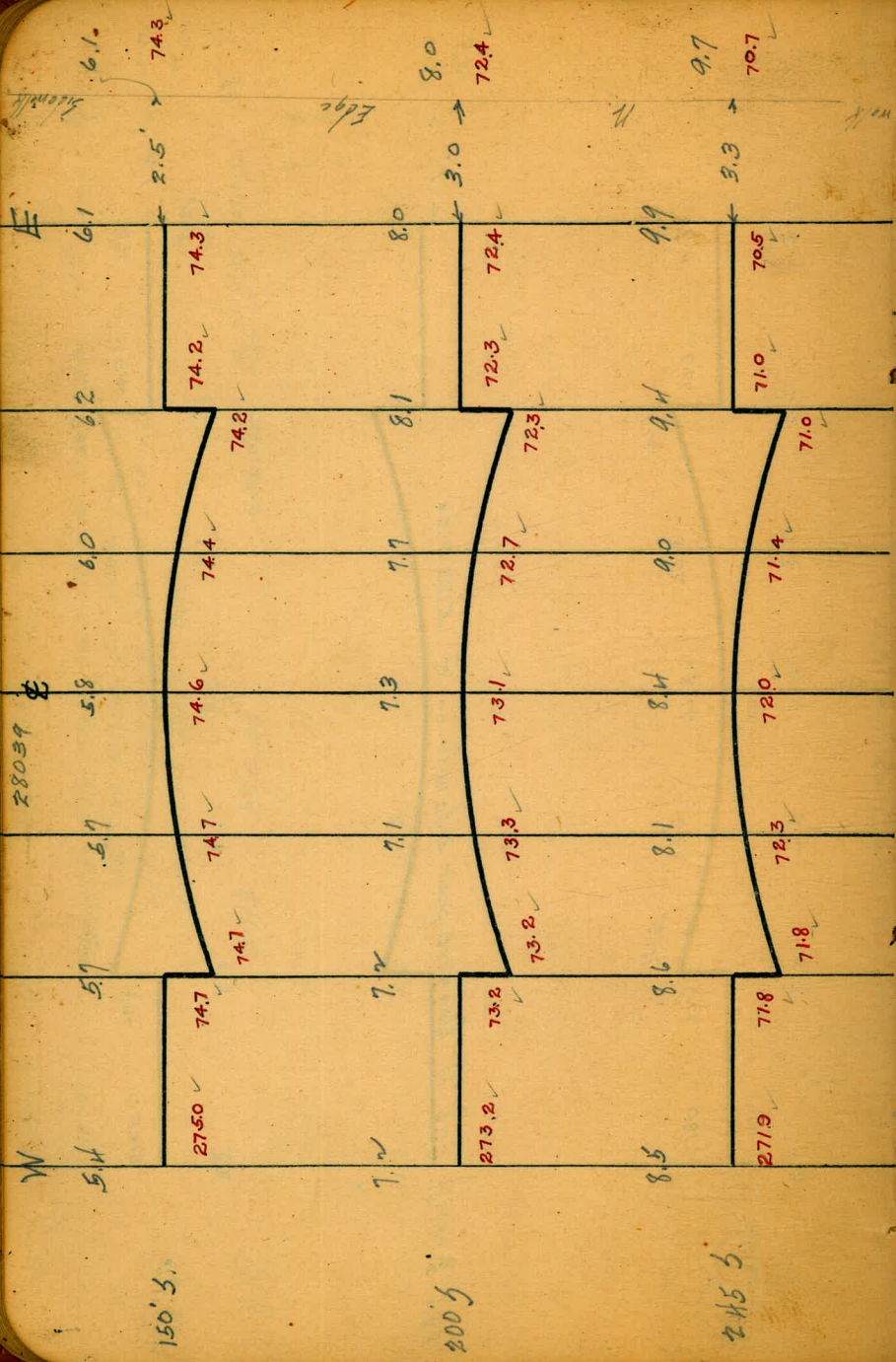
CROSS SECTION OF THE CENTER 50' of 32nd st from the S. Line of GRAPE ST. to the N. Line of Date ST.

B.P. SW. Grape + 32nd.



29
77.5

4.2
76.2



E 32nd St

268.85

W

4.3	4.7	4.6	4.7	4.9	5.0	5.0
264.6	64.3	64.2	64.0	63.9	63.9	63.9
6.8	6.5	6.6	7.0	6.9	7.3	6.9
262.3	62.1	62.4	62.3	61.9	62.0	62.0
10.0	10.0	10.2	10.0	10.3	10.9	10.4
258.9	58.9	58.7	58.9	58.6	58.6	58.5
1.8	1.7	1.6	1.5	1.8	1.9	1.8
254.4	54.5	54.6	54.7	54.8	54.4	54.4
6.0	5.5	5.1	4.7	4.4	4.4	4.3
250.2	50.7	50.7	51.5	51.7	51.8	51.8

E. of Iron M

S.L. of Far on W
20 + 00

50.5

Sidewalk

2

12.0	11.9	12.0	12.2	12.3	12.2	12.2
256.9	56.9	56.9	56.7	56.6	56.6	56.7
1.8	1.7	1.6	1.4	1.8	1.9	1.8
254.4	54.5	54.6	54.7	54.8	54.4	54.4
6.0	5.5	5.1	4.7	4.4	4.4	4.3
250.2	50.7	50.7	51.5	51.7	51.8	51.8

75.5

TP

100.5

Edge

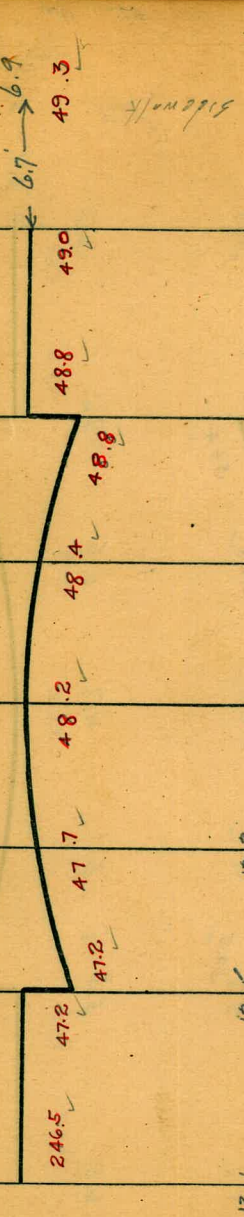
West

32nd St

10

150's

W 9.17
256.21
8.5
9.0
E 7.2
32nd St



175's

13.1
12.5
12.2
11.9
11.8
11.4



T.P.

200's

3.8
2.9
2.9
2.6
2.8
2.8
2.5



275's

7.0
6.7
6.6
6.9
7.0
6.7



250's

11.7
11.1
10.8
11.5
11.9
11.4



275.6 = H.L. of
Elm on E
T.P.

14.8
14.6
14.5
14.9
14.9
14.9



32nd St

32nd St

32nd St

12

W	6.3	6.7	7.1	7.4	6.9	6.1	5.5
	224.9	24.5	24.1	23.8	24.3	25.1	25.7
	8.6	9.0	9.1	8.6	8.1	7.1	6.3
	22.6	22.0	22.1	22.6	23.1	24.1	24.9
	12.0	12.1	11.5	10.0	8.8	8.2	7.6
	219.2	19.1	19.7	21.2	22.4	23.0	23.6

300 S = N. Elm
on W.

315.6 =
C. of Elm on E

15
11.6
19.6

330 S = C. of
Elm on W

W	13	12.1	11.1	10.5	10.2	9.9
	216.8	17.8	19.1	20.1	20.7	21.0
	17.8	17.8	19.1	20.1	20.7	21.0
	178	17.8	19.1	20.1	20.7	21.0
	15.3	12.3	11.7	11.1	10.8	10.5
	215.9	17.9	18.9	19.5	20.1	20.7

15
14.4
16.8
355.6

350 S = S. L.
Elm on E

15
15.7
15.5

360 S = S. L.
Elm on W
at 0+00

10' slope
2.1
16.4

12.94
218.25

20.4

218.48

0.25

179

215.9

17.9

18.9

19.5

20.1

20.7

21.0

20.7

20.1

19.5

18.9

17.9

17.8

17.8

17.8

17.8

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17.8

17.8

17.8

17.8

17.8

17.8

17.8

17.8

52705

E

218.48

W

5.6 12.9 705	15'	4.0	4.0	4.0	3.8	4.1	4.0	4.0	10'	4.1	14.1
6.6 11.9 855	15'	5.8	5.5	5.9	6.3	7.0	7.1	6.9	10'	6.3	12.2
8.8 10.0 1005	15'	8.3	8.3	9.0	9.6	10.1	10.3	10.0	15'	8.7	09.8
		214.2	14.5	14.5	14.7	14.4	14.5	14.5			
		212.7	13.0	12.6	12.2	11.5	11.1	11.6			
		210.4	10.2	09.5	08.9	08.4	08.2	08.5			

parallel to house

10.7 11.5 07.8, 07.0 1255	15'	13.0	12.8	12.8	12.6	12.7	12.4	12.2	20'	9.8
14.0 04.5 1505	20'	14.3	14.0	13.7	12.6	11.3	10.5	9.0	10'	8.7
12.6 05.9 1755	15'	11.7	11.0	10.9	10.3	9.5	8.9	8.2	10'	7.6
		205.5	05.7	05.7	05.9	05.8	06.1	06.3		
		204.2	04.5	04.8	05.9	07.2	08.0	09.5		
		206.8	07.5	07.6	08.2	09.0	09.6	10.3		

32705

W	9.2	8.4	8.3	7.9	7.3	6.8	5.9	10'
	209.3	10.1	10.2	10.6	11.2	11.7	11.7	5.2
	6.9	6.2	5.9	5.2	4.6	4.1	3.4	13.3
	211.6	12.3	12.6	13.3	13.9	14.4	14.4	15.7
	3.2	11.7	11.6	11.1	1.6	1.2	0.7	10
	215.3	15.8	15.9	16.4	16.9	17.3	17.3	15.7
	4.0	14.5	8.3	226.54	0.28	118.25		
	260.5							

W	6.3	6.3	6.2	6.3	6.0	6.0	5.9	
	220.2	20.2	20.3	20.2	20.5	20.5	20.6	
	4.0	3.8	3.8	3.8	3.7	3.7	3.6	
	222.3	22.5	22.7	22.7	22.9	22.8	22.9	
	4.0	3.8	3.8	3.8	3.7	3.7	3.6	
	222.3	22.5	22.7	22.7	22.9	22.8	22.9	

(28 (10552)
 29.11.54. Nt.
 Date on E

GRAPE

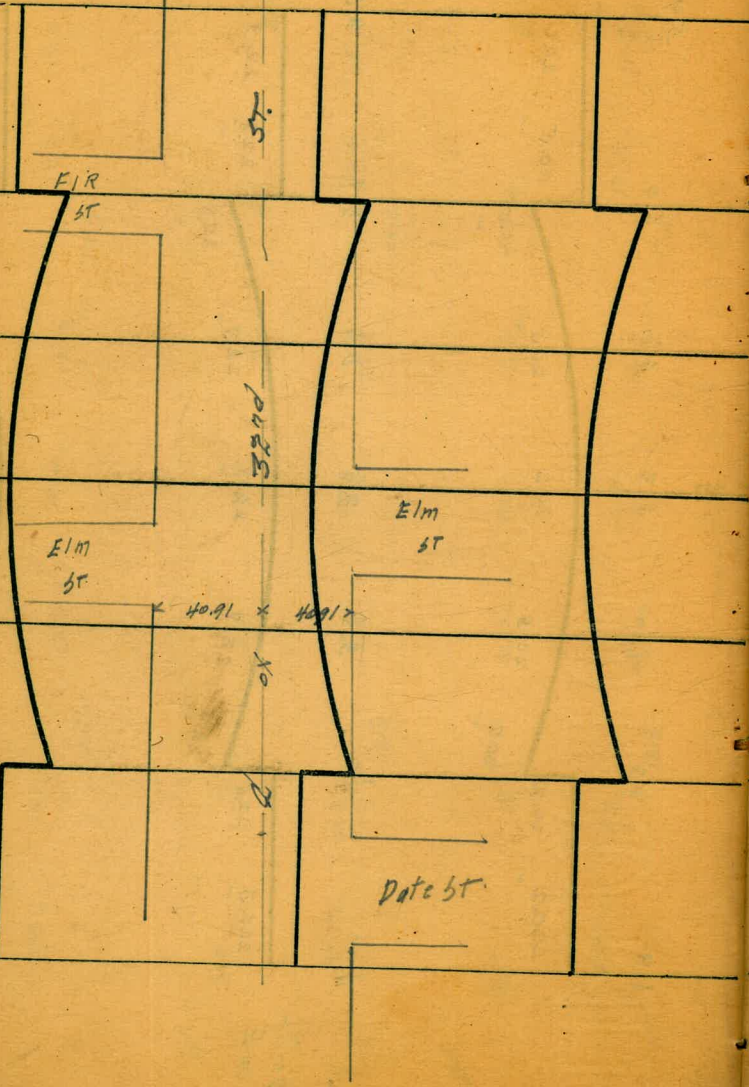
ST.

34.88 x 34.88

32nd + Elm. Between N.L. and N. curb line
N.E. Corner

7.72 231.80

222.58 split 52' and Elm



	N.L. Elm ST		
2.2 N. x EL 35'	inside edge of walk	0.27	230.93
7.7	outside	0.51	230.69
	6.7 S. x N.L. Elm = S. end of walk		
5.2 N. x EL	inside edge	0.92	230.28
7.7	outside	1.10	230.10
	10' S. x N.L. Elm		
	inside edge produced S.	2.8	228.4
	outside	3.2	227.9
	20' S. x N.L.		
	outside	4.2	227.0
	inside	4.2	226.8
	30' S. x N.L.		
	inside	4.7	226.5
	outside	4.9	226.3

3.4	3.4	3.4	3.4	3.6	3.7	3.7
3026	3026	3026	3026	3024	3023	3023
300.89	300.74	300.52	300.80	300.58	300.86	301.11
+1.7	+1.9	+2.9	+1.8	+1.8	+1.4	+1.3
302.59	302.64	303.42	302.60	302.38	302.26	302.22
5.9	6.0	6.1	5.9	6.0	5.9	6.3
300.3	300.0	300.1	300.1	300.0	300.1	300.1
299.84	299.84	299.94	299.94	299.74	299.84	299.84
+0.5	+0.2	+0.2	+0.2	+0.3	+0.2	+0.2
300.34	300.04	300.14	300.14	300.04	300.04	300.04
6.7	6.7	7.1	7.1	7.0	7.3	7.3
99.3	99.3	98.9	98.9	99.0	98.7	98.7
98.20	98.77	97.98	97.98	98.40	98.22	98.47
+0.1	+0.6	-0.2	-0.2	+0.1	-0.5	-0.8
98.30	99.37	98.78	98.78	98.50	98.72	98.66

SEE PAGE 53

8.3	8.0	8.1	8.3	8.4	8.3
977	98.0	97.9	97.7	97.6	97.7
98.30	97.89	98.73	98.97	98.41	98.66
-0.6	-0.1	-0.3	-0.4	-0.2	-1.0
8.2	8.1	8.23	8.20	8.5	8.1
978	97.48	97.77	97.80	98.93	97.9
97.85	97.45	97.80	97.65	98.00	98.25
0.0	0.16	0.00	0.20	0.00	0.4
97.85	97.64	97.80	97.85	98.00	98.25
0.0	0.16	0.00	0.20	0.00	0.4
8.2	8.1	8.23	8.20	8.5	8.1
95.99	95.31	96.22	96.29	95.91	96.3
96.0	95.75	96.10	95.75	95.91	96.25
0.0	0.27	0.2	0.5	0.0	0.9
96.0	96.02	96.30	96.25	95.91	96.25

150' W

200' W

250' W

300' W

325' W - E.L.
Park Blvd
Paved.

T.P.

M.L. Park Blvd.

Gutter, Curb & Walk constructed on N. side from N.E. of Park Blvd. to 165' West. Gutter = 2' wide

50' W	94.19 94.20	5.90 = cement curb 4.53 = cement gutter	4.0	94.1 93.91 +0.1	94.7 94.20 +0.5	95.1 94.8 +0.3	3.0 3.3 +0.3	5.2	94.9 94.40 +0.7	94.7 94.40 +0.2	2.8 4.7 -0.1
75' W	93.34 93.0	4.15 = cement curb 4.40 = cement gutter	4.8	93.3 92.05 +1.2	94.0 93.80 +0.2	94.4 94.2 +0.2	3.7 4.9 +1.2	5.2	93.7 93.30 +0.4	93.7 93.55 +0.1	4.1
100' W	91.79 91.39	6.30 = cement gutter curb 18' curb for driveway	8.8	92.3 92.14 +0.2	92.9 92.39 +0.5	93.3 92.14 +1.1	4.8 4.9 +0.1	5.6	92.5 92.4 +0.1	92.5 92.4 +0.1	4.8 4.9 -0.1

11.00
10.50
10.00
9.50
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00

135' W	91.12 91.13	6.40 = cement curb 7.60 = cement gutter	9.0	91.1 90.88 +0.2	91.4 91.13 +0.3	90.9 90.88 +0.0	7.2 7.2 +0.0	7.2	90.8 91.13 +0.3	90.9 91.38 +0.5	9.5 9.5 +0.0
165' W - End of cement work	89.3 90.30 -1.0	8.24 = cement curb 8.16	8.2	89.9 89.80 +0.1	90.5 90.05 +0.5	91.0 89.80 +1.2	7.1 7.0 +0.1	6.9	91.2 90.25 +0.9	91.4 90.30 +1.1	10.0 10.0 +0.0
180' W	88.6 89.65 -1.05	9.5	8.3	89.8 89.18 +0.6	90.4 89.46 +1.0	91.1 89.23 +1.9	7.0 6.0 +1.0	6.0	92.1 89.7 +2.4	92.5 89.76 +2.7	7.0 7.0 +0.0

11.00
10.50
10.00
9.50
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00

200 W
88.16 868.85
-1.6
14.2 10.6
5- 4.5 10.3
9.5 11.3

N
87.8 888
88.79 8854
-1.0 +0.3
8.3
8.5 68
-298.04 E
6.5 6.2 6.1
60
S
235.2
.0453

87.8 888
88.79 8854
-1.0 +0.3

88.8 8835
87.74 +1.2
88.66 +2.6
91.3

91.6 8847
87.89 +4.7
92.1 8834
+3.7

92.3 8864
+3.7
89.13 8.2
+3.3 96.5

210 W 86.1
10.2 10.2
-0.9

87.7 89.8
87.06 86.81
+0.6 +3.0

89.8 85.81
86.69 +4.7
87.08 +4.8
91.9

91.9 8696
86.34 +5.7
92.0 8734
+4.7

92.0 8459
+4.7
87.63 8.3
+4.3 13. 7.2
90.9

265 W

87.7 90.7
85.54 85.29
+4.7 +5.4

90.9 85.24
85.69 +4.9
90.6

90.3 85.64
85.08 +5.6
90.7

90.8 86.88
+4.5
9.1

275 W

89.9 90.2
84.46 84.21
+5.4 +6.0

89.9 84.40
84.70 +5.0
89.7

89.4 84.64
84.18 +5.2
89.4

89.4 85.18
+4.2
89.0 85.43
+3.6

300 W

89.9 90.2
84.46 84.21
+5.4 +6.0

89.9 84.40
84.70 +5.0
89.7

89.4 84.64
84.18 +5.2
89.4

89.4 85.18
+4.2
89.0 85.43
+3.6

325 W

88.4 88.6
83.38 83.13
+5.0 +5.5

88.5 83.47
83.70 +4.6
88.3

87.5 83.74
83.28 +3.8
87.1 83.28
+3.8

87.1 84.28
+2.8
86.8 84.53
+2.3

340 W 99	120	116	116	116	118	125	126	128
	86.1 ✓	86.5 ✓	86.5 ✓	86.3 ✓	85.6 ✓	85.5 ✓	85.3 ✓	85.3 ✓
	82.73	82.48	82.55	83.11	83.17	85.5 ✓	82.74	82.74
	+3.4	+4.0	+4.0	28.60	14.35	28.514	+1.8	+1.3
	1.2	1.4	1.4	2.3	3.0	3.7	5.2	5.7
	84.8 ✓	84.6 ✓	84.6 ✓	83.7 ✓	83.0 ✓	82.3 ✓	80.8 ✓	80.3 ✓
	82.88	81.83	81.92	82.52	82.61	82.20	83.20	83.45
	+2.7	+2.8	+3.8	+1.2	+0.4	+0.1	-0.9	-2.7
	4.7	4.8	3.6	5.5	5.8	6.2	6.6	7.8
367 W	81.3 ✓	81.7 ✓	82.4	80.5 ✓	80.2 ✓	79.8 ✓	79.4 ✓	78.2 ✓
	81.56	81.31	81.43	82.04	82.45	82.76	83.01	83.01
	-0.3	+0.6	+1.4	-1.5	-2.0	-2.0	-3.0	-3.0

81
80.77
80.77
11.85
80.77
11.85
82.66
8.7
83.07
+0.2

381 W 188	6.6	7.5	8.0	9.0	10.0	10.9	11.6	11.9
	79.4 ✓	78.5 ✓	78.0 ✓	77.0 ✓	76.0 ✓	75.1 ✓	74.4 ✓	74.1 ✓
	80.96	80.71	80.85	81.48	81.82	81.24	82.26	82.26
	-1.6	-2.2	-2.9	-4.5	-5.6	-6.2	-7.2	-8.1
	10.8	10.9	11.5	12.1	13.3	14.6	14.7	15.5
394 W	76.4 ✓	75.7 ✓	74.5 ✓	73.9 ✓	72.7 ✓	71.4 ✓	71.3 ✓	74.5 ✓
	80.40	80.35	80.31	277.05	216.03	80.78	81.49	81.89
	-4.0	-4.5	-5.8	-7.1	-8.4	-9.4	-10.4	-9.6
	8.7	7.7	7.6	8.5	9.7	8.3	4.1	10.0
	67.6 ✓	68.3 ✓	69.3 ✓	69.4 ✓	68.5 ✓	67.3 ✓	68.7 ✓	76.5 ✓
	79.62	79.37	79.56	80.26	80.45	80.14	81.14	81.39
	-12.0	-11.1	-10.3	-10.9	-12.0	-13.0	-12.4	-8.5

MYRTLE

20

10.8
12
75.2
791
11.0

10.8
10.8
75.2
394 W

T.P. 48
11.0
412 W 46.0

6932
7.60
45.90
8.6

5
8.2

170.6
174.3
189.17

25.9 38.9 52.9 28.4
85 W

23.2 14.2 16.0 12.0

60.8 60.8

63.3 56.5 56.3

21.6 21.5 21.3 21.4

21.6 21.5 21.3 21.4

21.5 21.4 21.3 21.4

21.5 21.4 21.3 21.4

60.8 60.8
79.17
-18.4
77.2
80.46
+0.5

63.9 63.9
78.92
-15.0
73.2
77.2
80.46
-30

63.9 63.9
78.92
-15.0
70.0
79.57
-9.6
77.2
79.2
-2.0

63.9 63.9
78.92
-15.0
70.0
79.57
-9.6
77.2
79.2
-2.0

63.9 63.9
78.92
-15.0
70.0
79.57
-9.6
77.2
79.2
-2.0

41.47
108

7.0

11.3 15.2

18.0 18.0

74.0 74.0

71.2 71.2

67.5 67.5

62.9 62.9

62.9 62.9

62.9 62.9

62.9 62.9

77.9 77.9
80.43
-0.5
82.2

77.9 77.9
80.43
-0.5
82.2

77.9 77.9
80.43
-0.5
82.2

77.9 77.9
80.43
-0.5
82.2

77.9 77.9
80.43
-0.5
82.2

10.81

3.8

80.2 80.2

80.2 80.2

75.9 75.9

72.2 72.2

69.2 69.2

64.7 64.7

64.7 64.7

64.7 64.7

80.2 80.2
80.79
-0.5
81.07

80.2 80.2
80.79
-0.5
81.07

80.2 80.2
80.79
-0.5
81.07

80.2 80.2
80.79
-0.5
81.07

80.2 80.2
80.79
-0.5
81.07

2.8697
4.87
1.9122

2.8

84.9 84.9

84.9 84.9

80.8 80.8

75.6 75.6

71.8 71.8

68.5 68.5

68.5 68.5

68.5 68.5

84.9 84.9
81.14
+3.8
81.39
+5.0

84.9 84.9
81.14
+3.8
81.39
+5.0

84.9 84.9
81.14
+3.8
81.39
+5.0

84.9 84.9
81.14
+3.8
81.39
+5.0

84.9 84.9
81.14
+3.8
81.39
+5.0

2.8697
4.87
1.9122

1.9

86.4 86.4

86.4 86.4

83.8 83.8

78.7 78.7

75.9 75.9

71.4 71.4

71.4 71.4

71.4 71.4

86.4 86.4
81.50
+4.9
87.3

86.4 86.4
81.50
+4.9
87.3

86.4 86.4
81.50
+4.9
87.3

86.4 86.4
81.50
+4.9
87.3

86.4 86.4
81.50
+4.9
87.3

MYRTLE

22
22

210 W = E. L. Albert
51. 80' wide
12' cfs
13' / 45

64.0 9.1

14.1	10.5	7.3	4.8	3.3	2.7	5
75.1 ✓	78.7 ✓	81.9 ✓	84.4 ✓	85.9 ✓	86.5 ✓	87.1 ✓
81.0	80.0	81.00	81.50	81.54	82.00	82.00
-5.9	-2.3	+0.9	+2.9	+4.4	+4.5	+4.1
11.1	8.4	5.7	4.0	3.4	2.7	2.2
78.0 ✓	80.8 ✓	83.5 ✓	85.2 ✓	85.8 ✓	86.5 ✓	87.0 ✓
80.75	80.00	81.00	81.50	81.57	81.67	81.75
-2.8	+0.8	+2.5	+3.7	+4.2	+4.8	+5.2
16.9	8.4	4.9	4.0	3.5	3.0	2.6
72.5 ✓	81.8 ✓	84.3 ✓	85.0 ✓	85.7 ✓	86.2 ✓	86.6 ✓
80.75	80.00	81.00	81.50	81.67	81.84	82.00
-1.6	+1.8	+3.3	+3.5	+4.0	+4.4	+4.6
14.9	7.4	4.9	4.0	3.5	3.0	2.6
74.5 ✓	81.8 ✓	84.3 ✓	85.0 ✓	85.7 ✓	86.2 ✓	86.6 ✓
80.75	80.00	81.00	81.50	81.67	81.84	82.00
-1.6	+1.8	+3.3	+3.5	+4.0	+4.4	+4.6

278.86
11.64
290.50
5.53
R869.7

10.2
8.0
3.1
3.5

11.3	6.3	5.7	5.0	3.9	3.2	2.8
80.1 ✓	82.9 ✓	83.5 ✓	84.2 ✓	85.3 ✓	86.0 ✓	86.4 ✓
80.75	80.00	81.00	81.50	81.59	81.67	81.75
-0.7	+2.9	+2.5	+2.7	+3.7	+4.3	+4.6
10.3	6.3	5.7	5.0	3.9	3.2	2.8
77.9 ✓	82.9 ✓	83.5 ✓	84.2 ✓	85.3 ✓	86.0 ✓	86.4 ✓
80.75	80.00	81.00	81.50	81.59	81.67	81.75
-0.7	+2.9	+2.5	+2.7	+3.7	+4.3	+4.6
10.3	6.3	5.7	5.0	3.9	3.2	2.8
78.8 ✓	81.6 ✓	83.3 ✓	84.8 ✓	85.5 ✓	85.9 ✓	86.2 ✓
81.00	80.00	81.00	81.50	81.54	81.60	82.00
-0.4	+1.6	+2.3	+3.3	+4.0	+4.9	+4.2
7.5	6.3	5.3	4.4	3.8	3.5	3.1
81.7 ✓	82.9 ✓	83.9 ✓	84.8 ✓	85.4 ✓	85.7 ✓	86.1 ✓
81.75	80.00	81.00	81.50	81.50	81.00	82.00
+0.4	+1.9	+2.9	+3.3	+3.9	+4.7	+3.8
10.6	6.3	5.3	4.4	3.8	3.5	3.1
78.8 ✓	81.6 ✓	83.3 ✓	84.8 ✓	85.5 ✓	85.9 ✓	86.2 ✓
81.00	80.00	81.00	81.50	81.54	81.60	82.00
-0.4	+1.6	+2.3	+3.3	+4.0	+4.9	+4.2

Table
10.3
10.3

10.3
10.3
10.3

Myrtle

33

+4.0

McL. Albert

5.2	5.0	4.8	4.3	4.1	3.9	3.7
84.0	84.2	84.4	84.9	85.1	85.3	85.5
80.85	80.60	80.50	81.10	81.10	81.60	81.85
+3.1	+3.6	+3.8	+3.8	+4.0	+3.7	+3.6
+3.2						+3.8
4.3	4.5	4.4	4.3	4.3	4.3	4.0
84.9	84.7	84.8	84.9	84.9	84.9	85.2
80.45	80.20	80.20	80.70	80.70	80.20	81.45
+3.4	+4.5	+4.6	+4.2	+4.2	+4.7	+3.7
+4.3						+3.9
4.8	5.1	5.1	5.0	5.2	5.1	5.0
84.4	84.1	84.1	84.2	84.0	84.1	84.2
80.05	79.80	79.80	80.30	80.30	79.80	81.05
+4.3	+4.3	+4.3	+3.9	+3.7	+4.3	+3.1
+4.0						+3.4

50 W

100 W

150 W

200 W

225 W

250 W = E.L.
 Richmond, Va
 80 mile
 14' 265 on 120
 20' 145 on 110
 10' 145 on 105

6.3	6.7	6.6	6.7	6.6	6.1	5.9
82.9	82.5	82.6	82.5	82.6	83.1	83.3
79.65	79.40	79.40	79.70	79.70	80.10	80.65
+3.2	+3.1	+3.2	+2.6	+2.7	+2.7	+2.6
+3.2						+3.7
7.1	7.5	8.0	8.1	8.1	8.1	7.4
82.1	81.7	81.2	81.1	81.1	81.1	81.8
78.45	78.20	78.20	79.70	79.70	80.20	80.45
+2.6	+2.5	+2.0	+1.4	+1.4	+1.9	+1.8
7.5	7.8	8.4	8.8	8.8	8.8	8.2
81.7	81.4	80.8	80.4	80.4	80.4	81.0
79.00	78.00	79.00	79.50	79.50	80.00	80.25
+2.7	+2.7	+1.8	+0.9	+0.9	+0.4	+0.7
+1.1						+1.1

118.80
 10.80
 10.80

120

14' Mon. 10' v 3' }
E. ob

13' Mon. 10' v 3' }
E. 1/4

13' Mon. 10' v 3' }
Center of Richmond

13' Mon. 10' v 3' }
W. 1/4

13' Mon. 10' v 3' }
W. 66

14' Mon. 10' v 3' }
W. L. of Richmond

T.P. -2.0

45	51	54	59	58	49
80.6	79.7	79.2	79.3	79.2	80.2
79.00 +1.6	78.81 +0.9	79.29 -0.1	79.27 0.0	79.00 +0.2	80.00 +0.2
+2.0				+1.2	
57	62	67	67	67	62
80.2	78.9	78.4	78.4	78.4	78.9
78.50 +1.7	78.65 +0.2	78.14 -0.7	78.13 -0.7	78.15 -0.4	78.50 -0.6
60	68	73	73	72	68
79.5	78.3	77.8	77.8	77.9	78.3
78.50 +1.0	78.50 -0.2	79.00 -1.2	79.00 -1.2	78.50 -0.6	79.50 -1.2

46	51	54	59	58	49
78.8	77.4	76.5	76.4	76.5	77.2
78.00 +0.8	77.88 -0.5	78.25 -1.8	78.38 -2.0	78.25 -1.8	79.00 -1.8
79	86	99	10.1	9.1	8.8
77.7	76.5	75.4	75.0	75.4	76.3
78.00 -0.3	77.25 +0.2	77.50 -2.1	77.75 -2.8	77.00 -2.6	79.00 -3.6
94	10.5	12.4	13.1	12.2	10.4
75.7	73.6	72.7	72.0	72.9	74.7
78.25 -2.6	78.00 -2.4	78.50 -1.4	78.50 -1.4	78.90 -0.1	79.25 -4.6

Track in public. water 1733
Camp house

Hub

13' hub

Myrtle
porch floor

35

W

E

9515

15.4 10'

300 N

79.1

10

13.0

10.2

7.0

6.7

7.2

8.3

$$\begin{array}{r} 80.2 \\ 81.83 \\ -16 \\ \hline \end{array}$$

81.5

84.5

87.5

87.8

87.3

87.3

86.2

12.2

$$\begin{array}{r} 81.5 \\ 81.58 \\ +0.9 \\ \hline \end{array}$$

$$\begin{array}{r} 81.58 \\ +2.7 \\ \hline \end{array}$$

$$\begin{array}{r} 82.08 \\ +5.4 \\ \hline \end{array}$$

$$\begin{array}{r} 82.08 \\ +5.7 \\ \hline \end{array}$$

$$\begin{array}{r} 81.58 \\ +5.7 \\ \hline \end{array}$$

$$\begin{array}{r} 82.83 \\ +3.4 \\ \hline \end{array}$$

$$\begin{array}{r} 82.83 \\ +3.2 \\ \hline \end{array}$$

$$\begin{array}{r} 17.40 \\ 6.90 \\ \hline \end{array}$$

15.1

12.3

8.8

8.6

9.5

10.7

78.1

79.4

82.2

85.7

85.9

85.0

83.8

15.1

$$\begin{array}{r} 80.87 \\ -28 \\ \hline \end{array}$$

$$\begin{array}{r} 80.62 \\ -1.2 \\ \hline \end{array}$$

$$\begin{array}{r} 80.62 \\ +1.6 \\ \hline \end{array}$$

$$\begin{array}{r} 81.12 \\ +4.6 \\ \hline \end{array}$$

$$\begin{array}{r} 81.12 \\ +4.8 \\ \hline \end{array}$$

$$\begin{array}{r} 80.62 \\ +4.4 \\ \hline \end{array}$$

$$\begin{array}{r} 81.62 \\ +3.4 \\ \hline \end{array}$$

$$\begin{array}{r} 81.62 \\ +3.4 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ 4.8 \\ \hline \end{array}$$

4.6

3.3

0.6

0.0

0.8

3.0

4.8

76.8

77.6

78.9

81.6

82.2

81.4

79.2

77.4

$$\begin{array}{r} 79.92 \\ -3.1 \\ \hline \end{array}$$

$$\begin{array}{r} 79.67 \\ -2.1 \\ \hline \end{array}$$

$$\begin{array}{r} 79.67 \\ -0.8 \\ \hline \end{array}$$

$$\begin{array}{r} 80.17 \\ +1.4 \\ \hline \end{array}$$

$$\begin{array}{r} 80.17 \\ +2.0 \\ \hline \end{array}$$

$$\begin{array}{r} 79.67 \\ +1.7 \\ \hline \end{array}$$

$$\begin{array}{r} 80.67 \\ +0.7 \\ \hline \end{array}$$

$$\begin{array}{r} 80.67 \\ +0.7 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ 4.8 \\ \hline \end{array}$$

7.3

6.3

4.5

4.1

4.6

5.9

5.9

74.9

75.9

76.3

77.7

78.1

77.6

76.3

34.0 11.0

$$\begin{array}{r} 74.9 \\ 74.9 \\ -3.1 \\ \hline \end{array}$$

$$\begin{array}{r} 78.00 \\ -2.1 \\ \hline \end{array}$$

$$\begin{array}{r} 78.00 \\ -2.7 \\ \hline \end{array}$$

$$\begin{array}{r} 79.50 \\ -1.8 \\ \hline \end{array}$$

$$\begin{array}{r} 79.50 \\ -1.4 \\ \hline \end{array}$$

$$\begin{array}{r} 79.00 \\ -1.4 \\ \hline \end{array}$$

$$\begin{array}{r} 80.00 \\ -2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 80.35 \\ -4.0 \\ \hline \end{array}$$

72.5

74.0

74.6

75.0

75.1

75.1

74.4

11.0

$$\begin{array}{r} 74.0 \\ 74.0 \\ -5.0 \\ -4.5 \\ \hline \end{array}$$

$$\begin{array}{r} 78.00 \\ -4.0 \\ \hline \end{array}$$

$$\begin{array}{r} 78.25 \\ -3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 78.50 \\ -3.5 \\ \hline \end{array}$$

$$\begin{array}{r} 78.75 \\ -3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 78.75 \\ -3.9 \\ \hline \end{array}$$

$$\begin{array}{r} 80.0 \\ -4.9 \\ \hline \end{array}$$

$$\begin{array}{r} 80.0 \\ -4.6 \\ \hline \end{array}$$

$$\begin{array}{r} 13.40 \\ 6 \\ \hline \end{array}$$

70.5

72.9

72.5

73.2

71.7

71.7

71.2

79.5

$$\begin{array}{r} 78.37 \\ -7.9 \\ \hline \end{array}$$

$$\begin{array}{r} 78.52 \\ -5.8 \\ \hline \end{array}$$

$$\begin{array}{r} 78.66 \\ -6.2 \\ \hline \end{array}$$

$$\begin{array}{r} 78.81 \\ -5.6 \\ \hline \end{array}$$

$$\begin{array}{r} 78.96 \\ -7.3 \\ \hline \end{array}$$

$$\begin{array}{r} 79.10 \\ -7.4 \\ \hline \end{array}$$

$$\begin{array}{r} 79.25 \\ -8.0 \\ \hline \end{array}$$

$$\begin{array}{r} 79.5 \\ -8.0 \\ \hline \end{array}$$

$$\begin{array}{r} 11.0 \\ 11.0 \\ \hline \end{array}$$

W

E

9515

340. ± N =

S. L. O. X Myrtle

Ave. 60 wide

10.00

10.40

7.3

6.3

5.9

4.5

4.1

4.6

5.9

74.9

75.9

76.3

77.7

78.1

77.6

76.3

34.0 11.0

$$\begin{array}{r} 74.9 \\ 74.9 \\ -3.1 \\ \hline \end{array}$$

$$\begin{array}{r} 78.00 \\ -2.1 \\ \hline \end{array}$$

$$\begin{array}{r} 78.00 \\ -2.7 \\ \hline \end{array}$$

$$\begin{array}{r} 79.50 \\ -1.8 \\ \hline \end{array}$$

$$\begin{array}{r} 79.50 \\ -1.4 \\ \hline \end{array}$$

$$\begin{array}{r} 79.00 \\ -1.4 \\ \hline \end{array}$$

$$\begin{array}{r} 80.00 \\ -2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 80.35 \\ -4.0 \\ \hline \end{array}$$

72.5

74.0

74.6

75.0

75.1

75.1

74.4

11.0

$$\begin{array}{r} 74.0 \\ 74.0 \\ -5.0 \\ -4.5 \\ \hline \end{array}$$

$$\begin{array}{r} 78.00 \\ -4.0 \\ \hline \end{array}$$

$$\begin{array}{r} 78.25 \\ -3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 78.50 \\ -3.5 \\ \hline \end{array}$$

$$\begin{array}{r} 78.75 \\ -3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 78.75 \\ -3.9 \\ \hline \end{array}$$

$$\begin{array}{r} 80.0 \\ -4.9 \\ \hline \end{array}$$

$$\begin{array}{r} 80.0 \\ -4.6 \\ \hline \end{array}$$

$$\begin{array}{r} 13.40 \\ 6 \\ \hline \end{array}$$

70.5

72.9

72.5

73.2

71.7

71.7

71.2

79.5

$$\begin{array}{r} 78.37 \\ -7.9 \\ \hline \end{array}$$

$$\begin{array}{r} 78.52 \\ -5.8 \\ \hline \end{array}$$

$$\begin{array}{r} 78.66 \\ -6.2 \\ \hline \end{array}$$

$$\begin{array}{r} 78.81 \\ -5.6 \\ \hline \end{array}$$

$$\begin{array}{r} 78.96 \\ -7.3 \\ \hline \end{array}$$

$$\begin{array}{r} 79.10 \\ -7.4 \\ \hline \end{array}$$

$$\begin{array}{r} 79.25 \\ -8.0 \\ \hline \end{array}$$

$$\begin{array}{r} 79.5 \\ -8.0 \\ \hline \end{array}$$

$$\begin{array}{r} 11.0 \\ 11.0 \\ \hline \end{array}$$

9.7

8.2

7.6

7.2

7.1

7.1

7.8

72.5

74.0

74.6

75.0

75.1

75.1

74.4

11.0

$$\begin{array}{r} 74.0 \\ 74.0 \\ -5.0 \\ -4.5 \\ \hline \end{array}$$

$$\begin{array}{r} 78.00 \\ -4.0 \\ \hline \end{array}$$

$$\begin{array}{r} 78.25 \\ -3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 78.50 \\ -3.5 \\ \hline \end{array}$$

$$\begin{array}{r} 78.75 \\ -3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 78.75 \\ -3.9 \\ \hline \end{array}$$

$$\begin{array}{r} 80.0 \\ -4.9 \\ \hline \end{array}$$

$$\begin{array}{r} 80.0 \\ -4.6 \\ \hline \end{array}$$

$$\begin{array}{r} 13.40 \\ 6 \\ \hline \end{array}$$

70.5

72.9

72.5

73.2

71.7

71.7

71.2

79.5

$$\begin{array}{r} 78.37 \\ -7.9 \\ \hline \end{array}$$

$$\begin{array}{r} 78.52 \\ -5.8 \\ \hline \end{array}$$

$$\begin{array}{r} 78.66 \\ -6.2 \\ \hline \end{array}$$

$$\begin{array}{r} 78.81 \\ -5.6 \\ \hline \end{array}$$

$$\begin{array}{r} 78.96 \\ -7.3 \\ \hline \end{array}$$

$$\begin{array}{r} 79.10 \\ -7.4 \\ \hline \end{array}$$

$$\begin{array}{r} 79.25 \\ -8.0 \\ \hline \end{array}$$

$$\begin{array}{r} 79.5 \\ -8.0 \\ \hline \end{array}$$

$$\begin{array}{r} 11.0 \\ 11.0 \\ \hline \end{array}$$

3. 0000

5. 1/4

W	8.5	8.0	9.0	11.2	13.7	16.5	10	20.0	73.7
84.9	85.7	86.1	84.7	82.5	80.0	77.2			
80.45 +4.1	79.20 +6.5	80.04 +6.1	80.59 +4.3	80.23 +2.3	79.58 +0.1	80.58 -0.6			
4.5	4.7	4.9	4.8	4.1	11.6	15.2	10	18.5	75.2
89.0	89.0	88.8	86.9	84.6	82.1	78.5			
80.55 +8.4	80.39 +8.4	80.74 +6.2	80.58 +4.0	79.92 +2.2	81.44 +0.7	80.92 +1.2			
100 N	110 N	110 N	110 N	110 N	110 N	110 N	110 N	110 N	110 N
81.09	81.09	81.09	81.09	81.09	81.09	81.09	10.1	12.2	16.2
3.6	4.1	4.6	6.0	7.5	8.8	10.1	12.2	16.2	77.5
89.6	89.6	89.1	87.7	86.2	84.9	84.9			
80.45 +8.1	80.45 +8.1	81.62 +6.1	81.45 +4.7	80.78 +4.1	80.78 +4.1	81.78 +3.1			
120 N	120 N	120 N	120 N	120 N	120 N	120 N	120 N	120 N	120 N
89.9	89.7	88.7	87.9	86.6	85.7	84.1			
82.14 +6.8	82.89 +6.8	82.70 +6.0	82.02 +4.9	82.84 +3.8	82.16 +3.5	83.41 +0.7			
150 N	150 N	150 N	150 N	150 N	150 N	150 N	150 N	150 N	150 N
89.6	88.5	88.2	88.0	87.2	86.4	85.9			
84.69 +4.7	84.48 +3.7	84.78 +3.2	84.58 +2.6	84.58 +2.6	83.88 +2.5	84.88 +1.5			
200 N	200 N	200 N	200 N	200 N	200 N	200 N	200 N	200 N	200 N
89.7	89.4	88.8	88.8	88.7	87.5	87.2			
86.74 +3.0	85.49 +3.9	86.54 +2.3	86.54 +2.3	86.37 +2.4	85.59 +1.9	86.59 +0.4			

N. edge of Elec.
Pole at Top
15 at SW cor
of white base

10.08
10.12 hub
10.12 hub

129.90 N. X
110

W	8.5	8.0	9.0	11.2	13.7	16.5	10	20.0	73.7
84.9	85.7	86.1	84.7	82.5	80.0	77.2			
80.45 +4.1	79.20 +6.5	80.04 +6.1	80.59 +4.3	80.23 +2.3	79.58 +0.1	80.58 -0.6			
4.5	4.7	4.9	4.8	4.1	11.6	15.2	10	18.5	75.2
89.0	89.0	88.8	86.9	84.6	82.1	78.5			
80.55 +8.4	80.39 +8.4	80.74 +6.2	80.58 +4.0	79.92 +2.2	81.44 +0.7	80.92 +1.2			
100 N	110 N	110 N	110 N	110 N	110 N	110 N	110 N	110 N	110 N
81.09	81.09	81.09	81.09	81.09	81.09	81.09	10.1	12.2	16.2
3.6	4.1	4.6	6.0	7.5	8.8	10.1	12.2	16.2	77.5
89.6	89.6	89.1	87.7	86.2	84.9	84.9			
80.45 +8.1	80.45 +8.1	81.62 +6.1	81.45 +4.7	80.78 +4.1	80.78 +4.1	81.78 +3.1			
120 N	120 N	120 N	120 N	120 N	120 N	120 N	120 N	120 N	120 N
89.9	89.7	88.7	87.9	86.6	85.7	84.1			
82.14 +6.8	82.89 +6.8	82.70 +6.0	82.02 +4.9	82.84 +3.8	82.16 +3.5	83.41 +0.7			
150 N	150 N	150 N	150 N	150 N	150 N	150 N	150 N	150 N	150 N
89.6	88.5	88.2	88.0	87.2	86.4	85.9			
84.69 +4.7	84.48 +3.7	84.78 +3.2	84.58 +2.6	84.58 +2.6	83.88 +2.5	84.88 +1.5			
200 N	200 N	200 N	200 N	200 N	200 N	200 N	200 N	200 N	200 N
89.7	89.4	88.8	88.8	88.7	87.5	87.2			
86.74 +3.0	85.49 +3.9	86.54 +2.3	86.54 +2.3	86.37 +2.4	85.59 +1.9	86.59 +0.4			

N. edge of Elec.
Pole at Top
15 at SW cor
of white base

10.08
10.12 hub
10.12 hub

129.90 N. X
110

273.70 B.M.
 2.50
 277.20 H.D.

Herbert

31

Pt F. Elev. = 276.7
 +15 = 274.7
 +40 = 268.2
 +65 = 262.4
 +79 = 258.7

Pt A Rod = 2.7 74.5
 +25 = 5.4 71.8
 +37 = 8.0 69.2
 +55 = 9.0 64.3
 +80 = 12.0 65.2
 +119 = Point B

265.22
 3.07
 268.29 H.D.
 Pt C Rod 2.3 266.0
 Pt C + 25 = Rod 3.4 264.9
 +50 = Rod 4.5 263.8
 +75 = 5.4 = Point B 262.9

Pt B + 25 Rod 6.5 261.8
 +50 Rod 7.9 260.4
 +75 = 9.0 259.3
 +100 = 10.3 258.0
 +117 = 10.9 = Point D 257.4
 +145 = 13.0 255.3
 +200 = 13.8 254.5
 +250 = 16.3 251.0
 +275 = 17.2 251.1
 +300 = 18.1 250.2

8 1/4	5 0 + 63.88	5 0 + 71.88	6 1/4	6 0 + 87.48	6 0 + 94.88	7 1/4	7 0 + 101.88	8 1/4	8 0 + 108.88	9 1/4	9 0 + 115.88	10 1/4	10 0 + 122.88	11 1/4	11 0 + 129.88	12 1/4	12 0 + 136.88	13 1/4	13 0 + 143.88	14 1/4	14 0 + 150.88	15 1/4	15 0 + 157.88	16 1/4	16 0 + 164.88	17 1/4	17 0 + 171.88	18 1/4	18 0 + 178.88	19 1/4	19 0 + 185.88	20 1/4	20 0 + 192.88	21 1/4	21 0 + 199.88	22 1/4	22 0 + 206.88	23 1/4	23 0 + 213.88	24 1/4	24 0 + 220.88	25 1/4	25 0 + 227.88	26 1/4	26 0 + 234.88	27 1/4	27 0 + 241.88	28 1/4	28 0 + 248.88	29 1/4	29 0 + 255.88	30 1/4	30 0 + 262.88	31 1/4	31 0 + 269.88	32 1/4	32 0 + 276.88	33 1/4	33 0 + 283.88	34 1/4	34 0 + 290.88	35 1/4	35 0 + 297.88	36 1/4	36 0 + 304.88	37 1/4	37 0 + 311.88	38 1/4	38 0 + 318.88	39 1/4	39 0 + 325.88	40 1/4	40 0 + 332.88	41 1/4	41 0 + 339.88	42 1/4	42 0 + 346.88	43 1/4	43 0 + 353.88	44 1/4	44 0 + 360.88	45 1/4	45 0 + 367.88	46 1/4	46 0 + 374.88	47 1/4	47 0 + 381.88	48 1/4	48 0 + 388.88	49 1/4	49 0 + 395.88	50 1/4	50 0 + 402.88	51 1/4	51 0 + 409.88	52 1/4	52 0 + 416.88	53 1/4	53 0 + 423.88	54 1/4	54 0 + 430.88	55 1/4	55 0 + 437.88	56 1/4	56 0 + 444.88	57 1/4	57 0 + 451.88	58 1/4	58 0 + 458.88	59 1/4	59 0 + 465.88	60 1/4	60 0 + 472.88	61 1/4	61 0 + 479.88	62 1/4	62 0 + 486.88	63 1/4	63 0 + 493.88	64 1/4	64 0 + 500.88	65 1/4	65 0 + 507.88	66 1/4	66 0 + 514.88	67 1/4	67 0 + 521.88	68 1/4	68 0 + 528.88	69 1/4	69 0 + 535.88	70 1/4	70 0 + 542.88	71 1/4	71 0 + 549.88	72 1/4	72 0 + 556.88	73 1/4	73 0 + 563.88	74 1/4	74 0 + 570.88	75 1/4	75 0 + 577.88	76 1/4	76 0 + 584.88	77 1/4	77 0 + 591.88	78 1/4	78 0 + 598.88	79 1/4	79 0 + 605.88	80 1/4	80 0 + 612.88	81 1/4	81 0 + 619.88	82 1/4	82 0 + 626.88	83 1/4	83 0 + 633.88	84 1/4	84 0 + 640.88	85 1/4	85 0 + 647.88	86 1/4	86 0 + 654.88	87 1/4	87 0 + 661.88	88 1/4	88 0 + 668.88	89 1/4	89 0 + 675.88	90 1/4	90 0 + 682.88	91 1/4	91 0 + 689.88	92 1/4	92 0 + 696.88	93 1/4	93 0 + 703.88	94 1/4	94 0 + 710.88	95 1/4	95 0 + 717.88	96 1/4	96 0 + 724.88	97 1/4	97 0 + 731.88	98 1/4	98 0 + 738.88	99 1/4	99 0 + 745.88	100 1/4	100 0 + 752.88	101 1/4	101 0 + 759.88	102 1/4	102 0 + 766.88	103 1/4	103 0 + 773.88	104 1/4	104 0 + 780.88	105 1/4	105 0 + 787.88	106 1/4	106 0 + 794.88	107 1/4	107 0 + 801.88	108 1/4	108 0 + 808.88	109 1/4	109 0 + 815.88	110 1/4	110 0 + 822.88	111 1/4	111 0 + 829.88	112 1/4	112 0 + 836.88	113 1/4	113 0 + 843.88	114 1/4	114 0 + 850.88	115 1/4	115 0 + 857.88	116 1/4	116 0 + 864.88	117 1/4	117 0 + 871.88	118 1/4	118 0 + 878.88	119 1/4	119 0 + 885.88	120 1/4	120 0 + 892.88	121 1/4	121 0 + 899.88	122 1/4	122 0 + 906.88	123 1/4	123 0 + 913.88	124 1/4	124 0 + 920.88	125 1/4	125 0 + 927.88	126 1/4	126 0 + 934.88	127 1/4	127 0 + 941.88	128 1/4	128 0 + 948.88	129 1/4	129 0 + 955.88	130 1/4	130 0 + 962.88	131 1/4	131 0 + 969.88	132 1/4	132 0 + 976.88	133 1/4	133 0 + 983.88	134 1/4	134 0 + 990.88	135 1/4	135 0 + 997.88	136 1/4	136 0 + 1004.88	137 1/4	137 0 + 1011.88	138 1/4	138 0 + 1018.88	139 1/4	139 0 + 1025.88	140 1/4	140 0 + 1032.88	141 1/4	141 0 + 1039.88	142 1/4	142 0 + 1046.88	143 1/4	143 0 + 1053.88	144 1/4	144 0 + 1060.88	145 1/4	145 0 + 1067.88	146 1/4	146 0 + 1074.88	147 1/4	147 0 + 1081.88	148 1/4	148 0 + 1088.88	149 1/4	149 0 + 1095.88	150 1/4	150 0 + 1102.88	151 1/4	151 0 + 1109.88	152 1/4	152 0 + 1116.88	153 1/4	153 0 + 1123.88	154 1/4	154 0 + 1130.88	155 1/4	155 0 + 1137.88	156 1/4	156 0 + 1144.88	157 1/4	157 0 + 1151.88	158 1/4	158 0 + 1158.88	159 1/4	159 0 + 1165.88	160 1/4	160 0 + 1172.88	161 1/4	161 0 + 1179.88	162 1/4	162 0 + 1186.88	163 1/4	163 0 + 1193.88	164 1/4	164 0 + 1200.88	165 1/4	165 0 + 1207.88	166 1/4	166 0 + 1214.88	167 1/4	167 0 + 1221.88	168 1/4	168 0 + 1228.88	169 1/4	169 0 + 1235.88	170 1/4	170 0 + 1242.88	171 1/4	171 0 + 1249.88	172 1/4	172 0 + 1256.88	173 1/4	173 0 + 1263.88	174 1/4	174 0 + 1270.88	175 1/4	175 0 + 1277.88	176 1/4	176 0 + 1284.88	177 1/4	177 0 + 1291.88	178 1/4	178 0 + 1298.88	179 1/4	179 0 + 1305.88	180 1/4	180 0 + 1312.88	181 1/4	181 0 + 1319.88	182 1/4	182 0 + 1326.88	183 1/4	183 0 + 1333.88	184 1/4	184 0 + 1340.88	185 1/4	185 0 + 1347.88	186 1/4	186 0 + 1354.88	187 1/4	187 0 + 1361.88	188 1/4	188 0 + 1368.88	189 1/4	189 0 + 1375.88	190 1/4	190 0 + 1382.88	191 1/4	191 0 + 1389.88	192 1/4	192 0 + 1396.88	193 1/4	193 0 + 1403.88	194 1/4	194 0 + 1410.88	195 1/4	195 0 + 1417.88	196 1/4	196 0 + 1424.88	197 1/4	197 0 + 1431.88	198 1/4	198 0 + 1438.88	199 1/4	199 0 + 1445.88	200 1/4	200 0 + 1452.88	201 1/4	201 0 + 1459.88	202 1/4	202 0 + 1466.88	203 1/4	203 0 + 1473.88	204 1/4	204 0 + 1480.88	205 1/4	205 0 + 1487.88	206 1/4	206 0 + 1494.88	207 1/4	207 0 + 1501.88	208 1/4	208 0 + 1508.88	209 1/4	209 0 + 1515.88	210 1/4	210 0 + 1522.88	211 1/4	211 0 + 1529.88	212 1/4	212 0 + 1536.88	213 1/4	213 0 + 1543.88	214 1/4	214 0 + 1550.88	215 1/4	215 0 + 1557.88	216 1/4	216 0 + 1564.88	217 1/4	217 0 + 1571.88	218 1/4	218 0 + 1578.88	219 1/4	219 0 + 1585.88	220 1/4	220 0 + 1592.88	221 1/4	221 0 + 1599.88	222 1/4	222 0 + 1606.88	223 1/4	223 0 + 1613.88	224 1/4	224 0 + 1620.88	225 1/4	225 0 + 1627.88	226 1/4	226 0 + 1634.88	227 1/4	227 0 + 1641.88	228 1/4	228 0 + 1648.88	229 1/4	229 0 + 1655.88	230 1/4	230 0 + 1662.88	231 1/4	231 0 + 1669.88	232 1/4	232 0 + 1676.88	233 1/4	233 0 + 1683.88	234 1/4	234 0 + 1690.88	235 1/4	235 0 + 1697.88	236 1/4	236 0 + 1704.88	237 1/4	237 0 + 1711.88	238 1/4	238 0 + 1718.88	239 1/4	239 0 + 1725.88	240 1/4	240 0 + 1732.88	241 1/4	241 0 + 1739.88	242 1/4	242 0 + 1746.88	243 1/4	243 0 + 1753.88	244 1/4	244 0 + 1760.88	245 1/4	245 0 + 1767.88	246 1/4	246 0 + 1774.88	247 1/4	247 0 + 1781.88	248 1/4	248 0 + 1788.88	249 1/4	249 0 + 1795.88	250 1/4	250 0 + 1802.88	251 1/4	251 0 + 1809.88	252 1/4	252 0 + 1816.88	253 1/4	253 0 + 1823.88	254 1/4	254 0 + 1830.88	255 1/4	255 0 + 1837.88	256 1/4	256 0 + 1844.88	257 1/4	257 0 + 1851.88	258 1/4	258 0 + 1858.88	259 1/4	259 0 + 1865.88	260 1/4	260 0 + 1872.88	261 1/4	261 0 + 1879.88	262 1/4	262 0 + 1886.88	263 1/4	263 0 + 1893.88	264 1/4	264 0 + 1900.88	265 1/4	265 0 + 1907.88	266 1/4	266 0 + 1914.88	267 1/4	267 0 + 1921.88	268 1/4	268 0 + 1928.88	269 1/4	269 0 + 1935.88	270 1/4	270 0 + 1942.88	271 1/4	271 0 + 1949.88	272 1/4	272 0 + 1956.88	273 1/4	273 0 + 1963.88	274 1/4	274 0 + 1970.88	275 1/4	275 0 + 1977.88	276 1/4	276 0 + 1984.88	277 1/4	277 0 + 1991.88	278 1/4	278 0 + 1998.88	279 1/4	279 0 + 2005.88	280 1/4	280 0 + 2012.88	281 1/4	281 0 + 2019.88	282 1/4	282 0 + 2026.88	283 1/4	283 0 + 2033.88	284 1/4	284 0 + 2040.88	285 1/4	285 0 + 2047.88	286 1/4	286 0 + 2054.88	287 1/4	287 0 + 2061.88	288 1/4	288 0 + 2068.88	289 1/4	289 0 + 2075.88	290 1/4	290 0 + 2082.88	291 1/4	291 0 + 2089.88	292 1/4	292 0 + 2096.88	293 1/4	293 0 + 2103.88	294 1/4	294 0 + 2110.88	295 1/4	295 0 + 2117.88	296 1/4	296 0 + 2124.88	297 1/4	297 0 + 2131.88	298 1/4	298 0 + 2138.88	299 1/4	299 0 + 2145.88	300 1/4	300 0 + 2152.88	301 1/4	301 0 + 2159.88	302 1/4	302 0 + 2166.88	303 1/4	303 0 + 2173.88	304 1/4	304 0 + 2180.88	305 1/4	305 0 + 2187.88	306 1/4	306 0 + 2194.88	307 1/4	307 0 + 2201.88	308 1/4	308 0 + 2208.88	309 1/4	309 0 + 2215.88	310 1/4	310 0 + 2222.88	311 1/4	311 0 + 2229.88	312 1/4	312 0 + 2236.88	313 1/4	313 0 + 2243.88	314 1/4	314 0 + 2250.88	315 1/4	315 0 + 2257.88	316 1/4	316 0 + 2264.88	317 1/4	317 0 + 2271.88	318 1/4	318 0 + 2278.88	319 1/4	319 0 + 2285.88	320 1/4	320 0 + 2292.88	321 1/4	321 0 + 2299.88	322 1/4	322 0 + 2306.88	323 1/4	323 0 + 2313.88	324 1/4	324 0 + 2320.88	325 1/4	325 0 + 2327.88	326 1/4	326 0 + 2334.88	327 1/4	327 0 + 2341.88	328 1/4	328 0 + 2348.88	329 1/4	329 0 + 2355.88	330 1/4	330 0 + 2362.88	331 1/4	331 0 + 2369.88	332 1/4	332 0 + 2376.88	333 1/4	333 0 + 2383.88	334 1/4	334 0 + 2390.88	335 1/4	335 0 + 2397.88	336 1/4	336 0 + 2404.88	337 1/4	337 0 + 2411.88	338 1/4	338 0 + 2418.88	339 1/4	339 0 + 2425.88	340 1/4	340 0 + 2432.88	341 1/4	341 0 + 2439.88	342 1/4	342 0 + 2446.88	343 1/4	343 0 + 2453.88	344 1/4	344 0 + 246
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18.9	11.4	9.7	8.9	7.3	5.4	4.7
125 W	73.7	75.4	76.2	77.8	79.1	80.4
66.2	77.0	75.75	76.75	77.25	77.75	78.00
85.5	-3.3	-1.4	-0.6	+0.5	+1.8	+2.4
13.6	8.6	7.2	6.2	5.3	4.1	3.4
143 W	76.6	77.9	78.9	79.8	80.1	81.7
71.5	76.84	75.7	76.57	77.07	77.57	77.82
	-0.2	+1.3	+2.3	+2.7	+3.0	+3.9
150	16.15	16.15	4.7	4.2	3.7	3.5
+0.2						17.75
175 W	80.0	80.4	80.7	80.9	81.4	81.6
	76.50	76.25	76.75	76.75	76.75	77.25
	+3.5	+4.1	+4.4	+4.1	+4.6	+4.3
						77.50
						+4.1

200 W	5.0	4.8	4.7	4.4	4.2	3.9
	80.1	80.3	80.4	80.7	80.7	81.2
	76.75	76.00	76.50	76.50	76.00	77.25
	+3.8	+4.3	+4.4	+4.2	+4.9	+4.0
	6.4	6.2	6.1	5.7	5.2	4.9
225 W	78.7	78.9	79.0	79.4	79.4	80.2
	76.00	75.75	75.75	76.25	76.75	77.00
	+2.7	+3.1	+3.2	+3.1	+3.1	+3.2
	15.15	15.15	8.7	8.3	8.0	7.6
	10.2	9.5	8.7	8.0	7.6	7.1
250 W	74.9	75.6	76.4	76.8	77.1	78.0
	75.72	75.47	75.47	75.97	75.97	76.47
	-0.8	+0.1	+0.9	+0.8	+1.1	+1.0
			28.5.33	28.5.33	27.2.51	27.2.51
						+1.0
						76.72
						+1.0

6.8	6.5	6.2	5.9	5.5	5.2	\$
78.5 ✓	78.8 ✓	79.1 ✓	79.4 ✓	79.8 ✓	80.1 ✓	80.0 ✓
78.95	78.00	78.50	78.50	78.50	79.25	79.25
+0.2	+1.8	+1.1	+0.9	+1.3	+1.1	+0.7
4.7	4.7	4.6	4.3	4.3	3.8	3.6
80.6 ✓	80.6 ✓	80.7 ✓	81.0 ✓	81.0 ✓	81.5 ✓	81.7 ✓
79.00	78.75	78.69	79.13	79.46	79.50	79.75
+1.6	+1.8	+2.0	+1.9	+1.9	+2.0	+2.0
3.5	3.2	3.0	2.8	2.7	2.7	3.0
81.8 ✓	82.1 ✓	82.3 ✓	82.5 ✓	82.6 ✓	82.6 ✓	82.3 ✓
79.75	79.50	79.88	79.75	79.63	80.00	80.25
+2.0	+2.6	+2.9	+2.7	+3.0	+2.6	+2.5
4.2	4.1	4.0	3.8	3.7	3.6	3.7

400' W
45.53
6.2
6.5
6.8
78.5
78.8
79.1
79.4
79.8
80.1
80.0
79.25
79.25
+0.7
6.2
5.5
5.2
\$

450' W
4.7
4.6
4.3
4.3
3.8
3.6

315' W
4.2
4.1
4.0
3.8
3.7
3.6
3.7

6.2
6.5
6.8
78.5
78.8
79.1
79.4
79.8
80.1
80.0
79.25
79.25
+0.7
6.2
5.5
5.2
\$

3.0	3.0	2.7	2.7	2.8	2.9	
82.3 ✓	82.3 ✓	82.6 ✓	82.6 ✓	82.6 ✓	82.4 ✓	82.4 ✓
80.50	80.50	80.38	80.19	80.50	80.75	80.75
+1.8	+2.0	+2.2	+2.4	+3.0	+2.0	+1.7
2.6	2.9	2.7	2.6	2.8	2.8	2.8
82.7 ✓	82.4 ✓	82.7 ✓	83.0 ✓	82.5 ✓	82.5 ✓	82.5 ✓
80.80	80.50	80.63	80.41	80.70	80.95	80.95
+1.9	+1.8	+2.1	+2.6	+2.8	+1.8	+1.5
3.1	3.3	2.7	2.9	3.3	3.5	3.5
82.2 ✓	82.0 ✓	82.6 ✓	82.4 ✓	82.0 ✓	81.8 ✓	81.8 ✓
81.25	81.00	81.20	80.75	81.00	81.25	81.25
+1.0	+1.0	+1.6	+1.6	+2.0	+1.0	+0.5
3.1	3.3	2.7	2.9	3.3	3.5	3.5

550' W
3.0
3.0
2.7
2.7
2.8
2.9

570' W
2.6
2.9
2.7
2.6
2.8
2.8

400' ± = E.L.
Vermont
80' wide
14' x 2.5

4.2
4.1
4.0
3.8
3.7
3.6
3.7

6.2
6.5
6.8
78.5
78.8
79.1
79.4
79.8
80.1
80.0
79.25
79.25
+0.7
6.2
5.5
5.2
\$

Cross section of
 RICHMOND ST
 from Upas to Middle

85.1	83.46	83.9	84.2	84.2	84.2	84.2	85.2
84.25	84.00	84.00	84.50	84.50	84.50	84.00	85.25
+0.2	-0.5	-0.1	-0.3	-0.3	-0.3	+0.2	0.0
6.2	5.9	5.6	5.8	5.8	5.8	5.8	4.2
83.1	83.4	83.7	83.5	83.5	83.5	83.5	85.1
84.03	83.78	83.78	84.28	84.28	84.28	83.78	84.78
-0.9	-0.4	-0.1	-0.8	-0.8	-0.8	1.05	85.03
5.8	5.8	6.0	5.7	5.7	5.7	5.3	5.0
83.5	83.5	83.3	83.6	83.6	83.6	84.0	84.3
83.81	83.56	83.76	84.06	84.06	84.06	84.56	84.81
-0.3	+1.0	-0.3	-0.5	-0.5	-0.5	+0.4	-0.5

10' x 14' Returns are in on Upas

20 10 5.1

20 5.80 10 5.3

8' NW 1/4
 28' x 100'
 NW 1/4
 Upas

84.1	83.9	83.7	84.1	83.8	84.0	83.7	84.7
83.30	83.05	83.05	83.55	83.55	83.05	83.54	83.79
+0.8	+0.8	+0.6	+0.5	+0.2	+1.0	+0.2	0.0
5.6	5.7	5.9	5.3	5.5	5.6	5.6	4.6
83.7	83.6	83.4	84.0	83.6	83.7	83.7	84.7
82.79	82.54	82.54	83.04	83.04	82.54	83.54	83.79
+0.9	+1.1	+0.9	+1.0	+0.8	+0.8	+0.2	0.0
6.1	6.6	6.4	5.6	5.5	5.1	4.1	4.1
82.9	82.7	82.9	83.7	83.8	84.2	84.2	85.2
82.06	81.81	81.81	82.31	82.31	81.81	82.81	83.06
+0.8	+0.9	+1.1	+1.4	+1.5	+2.4	+1.4	+2.1

5.2 5.5 5.3

84.0 84.05 84.30

50' x 0.5
 65' N
 85' x 85'

200 N 6.7	289.26 6.0	4.8	4.6	10.6	10. 10. 4.0 2.6
826 ✓ 81.33 +1.3	835 ✓ 81.08 +2.2	845 ✓ 81.58 +2.9	847 ✓ 81.58 +3.1	847 ✓ 81.08 +3.6	847 ✓ 82.08 +2.6
826 ✓ 81.08 +1.5	826 ✓ 81.08 +2.5	845 ✓ 81.58 +2.9	847 ✓ 81.58 +3.1	847 ✓ 81.08 +3.6	847 ✓ 82.08 +2.6
235 N 7.0	6.3	5.4	5.0	4.7	3.6
823 ✓ 80.81 +1.5	830 ✓ 79.56 +3.4	839 ✓ 81.06 +2.8	843 ✓ 81.06 +3.2	846 ✓ 80.56 +4.0	857 ✓ 81.81 +3.9
806.0 80.60 +1.4	830 ✓ 79.56 +3.4	839 ✓ 81.06 +2.8	843 ✓ 81.06 +3.2	846 ✓ 80.56 +4.0	857 ✓ 81.81 +3.9
250 N 7.4	6.8	6.2	6.0	5.1	4.7
815 ✓ 80.23 +1.7	825 ✓ 79.98 +2.7	831 ✓ 80.42 +2.6	838 ✓ 80.42 +2.5	842 ✓ 80.98 +2.2	846 ✓ 81.53 +3.4
815 ✓ 80.23 +1.7	825 ✓ 79.98 +2.7	831 ✓ 80.42 +2.6	838 ✓ 80.42 +2.5	842 ✓ 80.98 +2.2	846 ✓ 81.53 +3.4
215 N 7.4	6.8	6.2	6.0	5.1	4.7
815 ✓ 80.23 +1.7	825 ✓ 79.98 +2.7	831 ✓ 80.42 +2.6	838 ✓ 80.42 +2.5	842 ✓ 80.98 +2.2	846 ✓ 81.53 +3.4

300 N 8.3	5 7.8 7.7	6.8	6.6	6.4	5.5
810 ✓ 79.86 +1.1	816 ✓ 79.61 +2.4	825 ✓ 80.11 +2.4	827 ✓ 80.11 +2.6	829 ✓ 79.61 +2.3	838 ✓ 80.61 +2.9
810 ✓ 79.86 +1.1	816 ✓ 79.61 +2.4	825 ✓ 80.11 +2.4	827 ✓ 80.11 +2.6	829 ✓ 79.61 +2.3	838 ✓ 80.61 +2.9
315 N 9.1	8.3 10 8.0	7.4	7.2	7.1	6.3
802 ✓ 79.67 +0.5	813 ✓ 78.42 +2.9	819 ✓ 79.92 +2.0	821 ✓ 79.92 +2.2	822 ✓ 79.42 +2.8	830 ✓ 80.42 +1.8
802 ✓ 79.67 +0.5	813 ✓ 78.42 +2.9	819 ✓ 79.92 +2.0	821 ✓ 79.92 +2.2	822 ✓ 79.42 +2.8	830 ✓ 80.42 +1.8
330 N 11.8	11.0	9.6	8.9	8.0	6.7
77.5 ✓ 79.43 -1.9	78.3 ✓ 78.42 +0.1	79.7 ✓ 79.68 -0.0	80.6 ✓ 79.68 +0.9	81.5 ✓ 79.18 +2.1	826 ✓ 80.18 +1.1
77.5 ✓ 79.43 -1.9	78.3 ✓ 78.42 +0.1	79.7 ✓ 79.68 -0.0	80.6 ✓ 79.68 +0.9	81.5 ✓ 79.18 +2.1	826 ✓ 80.18 +1.1

3.9

+3.1

+3.9

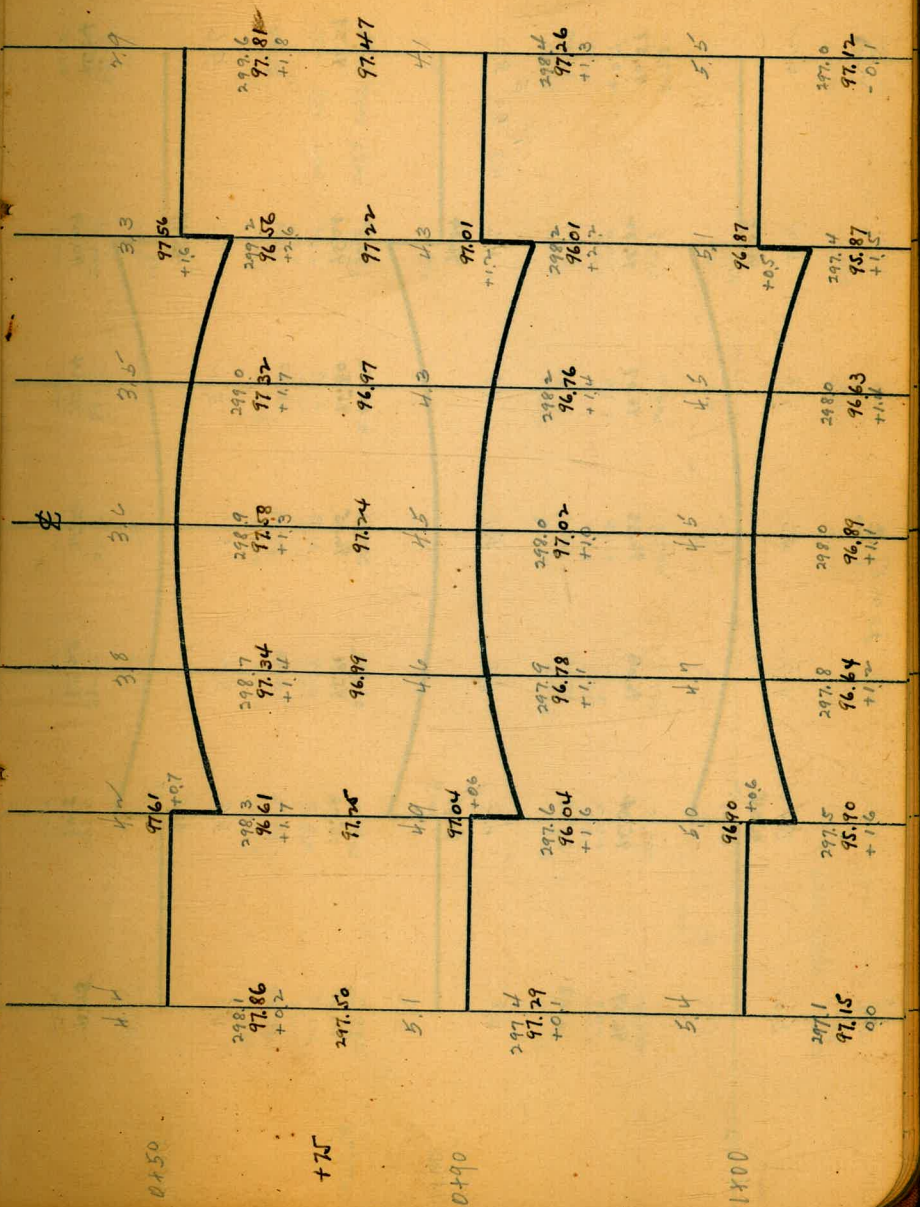
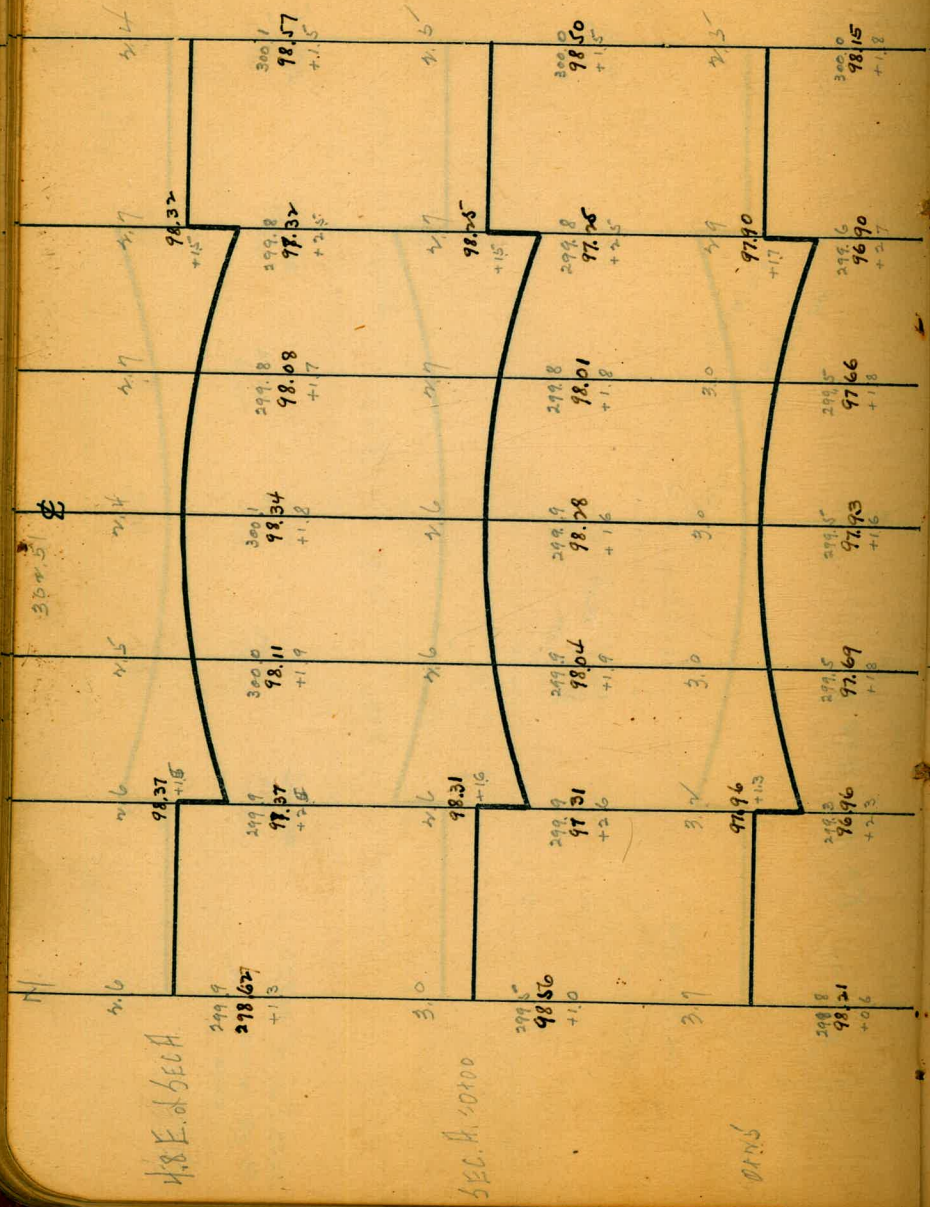
+2.9

288.84

+0.2

313 N

330 N



50	48	47	46	48	50
297.15 96.59 +0.9	297.15 95.34 +2.2	297.8 96.08 +1.7	297.9 96.33 +1.6	297.7 96.07 +1.6	297.3 95.32 +2.0
48	46	48	51	48	46
297.7 96.31 +1.4	297.9 96.06 +2.8	297.8 95.81 +1.9	297.9 96.05 +1.3	297.7 95.80 +1.9	297.9 95.04 +2.9
48	48	51	54	51	56
297.7 95.78 +2.0	297.9 95.06 +2.8	297.3 95.25 +2.0	297.3 95.50 +1.4	297.3 95.24 +1.2	297.9 95.74 +1.2
1440	1400	1400	1400	1400	1400
9634	9632	9632	9604	9604	9632
95.58	95.58	95.58	95.58	95.58	95.58

50	59	60	60	60	65
297.2 95.40 +1.8	297.6 94.75 +2.4	296.5 95.15 +1.1	296.5 95.15 +1.1	296.5 94.90 +1.1	296.0 95.40 +0.6
59	60	60	60	60	65
297.2 95.25 +2.0	297.3 95.25 +2.0	297.3 95.50 +1.4	297.3 95.50 +1.4	297.3 95.24 +1.2	297.9 95.74 +1.2
35.58	35.58	35.58	35.58	35.58	35.58
9418	9418	9418	9418	9418	9418
95.25	95.25	95.25	95.25	95.25	95.25

Break in grade.

69 68 7.6 7.5

3415

4450

4405

4400

1400

1440

3100	1.8	8.6	9.1	9.4	9.4	9.4	9.4
91.59 +3.1	91.34 +3.6	91.09 +2.7	91.34 +2.1	91.09 +2.6	91.09 +2.6	91.34 +2.8	91.59 +3.4
292.0	292.7	291.5	292.07	291.1	291.1	291.4	291.4
87.65 +2.3	88.63 +3.2	87.58 +2.1	87.63 +1.5	87.58 +1.6	87.58 +1.6	88.63 +3.1	89.88 +3.1
0.1	0.3	0.6	1.0	1.1	1.1	1.4	2.1
89.40	87.63	89.40	87.63	89.40	89.40	87.63	89.88
292.0	291.6	291.2	290.9	290.5	290.5	289.8	287.7
87.65 +2.3	88.40 +3.2	87.15 +2.0	87.40 +1.5	87.15 +1.3	87.15 +1.3	87.4	87.65 -2.0

3130	0.5	0.7	1.2	1.6	1.6	1.6	1.6
87.48 +2.1	88.23 +3.2	88.98 +1.9	87.23 +0.8	88.98 +1.9	88.98 +1.9	88.23 +1.6	87.48 -7.3
291.6	290.9	290.9	290.0	287.1	287.1	284.6	282.2
87.48 +2.1	88.23 +3.2	88.98 +1.9	87.23 +0.8	88.98 +1.9	88.98 +1.9	88.23 +1.6	87.48 -7.3
1.9	2.4	3.1	5.8	8.8	8.8	11.4	14.3
88.49	88.49	88.49	88.49	88.49	88.49	88.49	88.49
290.2	289.9	289.0	286.3	283.3	283.3	280.7	277.8
88.74	87.49	88.24	88.49	88.24	88.24	87.49	88.74

9415
8849
-0569

15
13.5

279.6

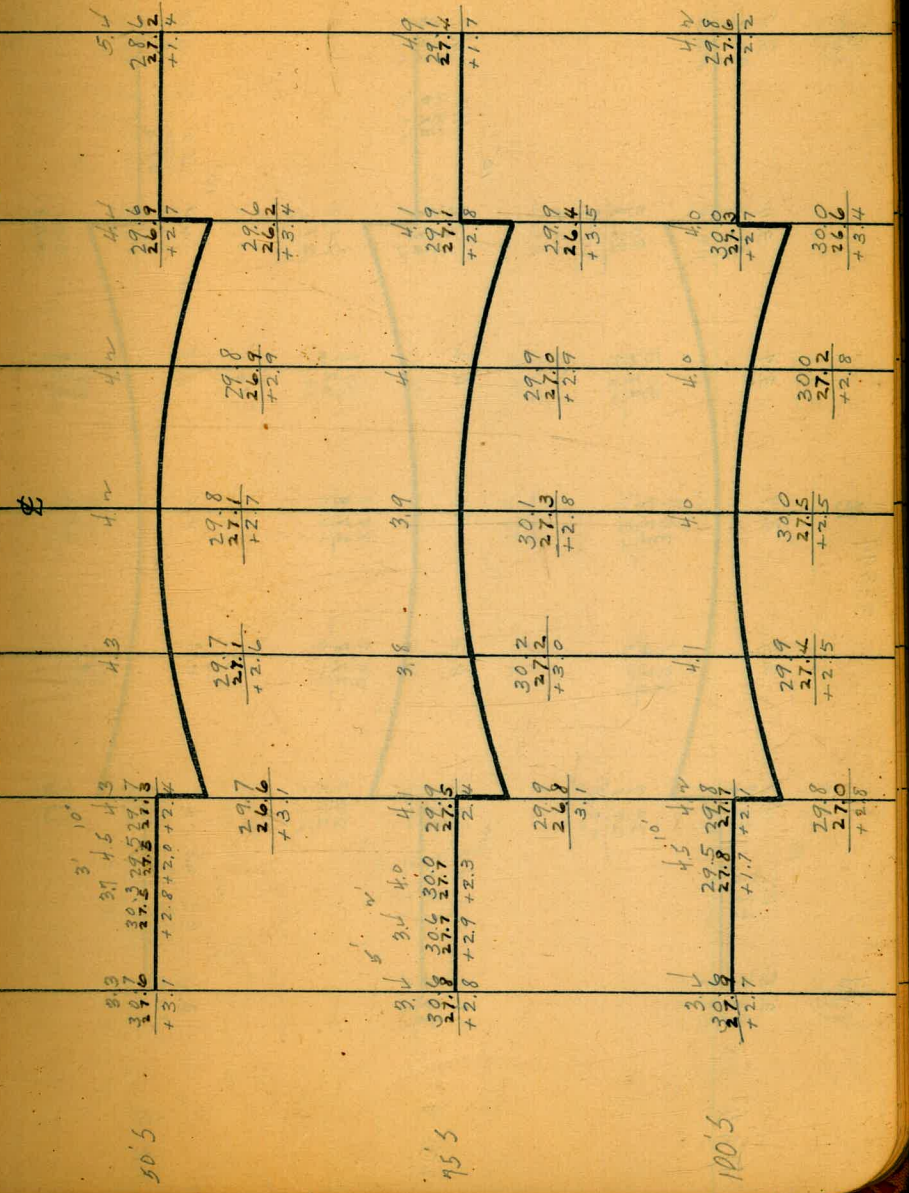
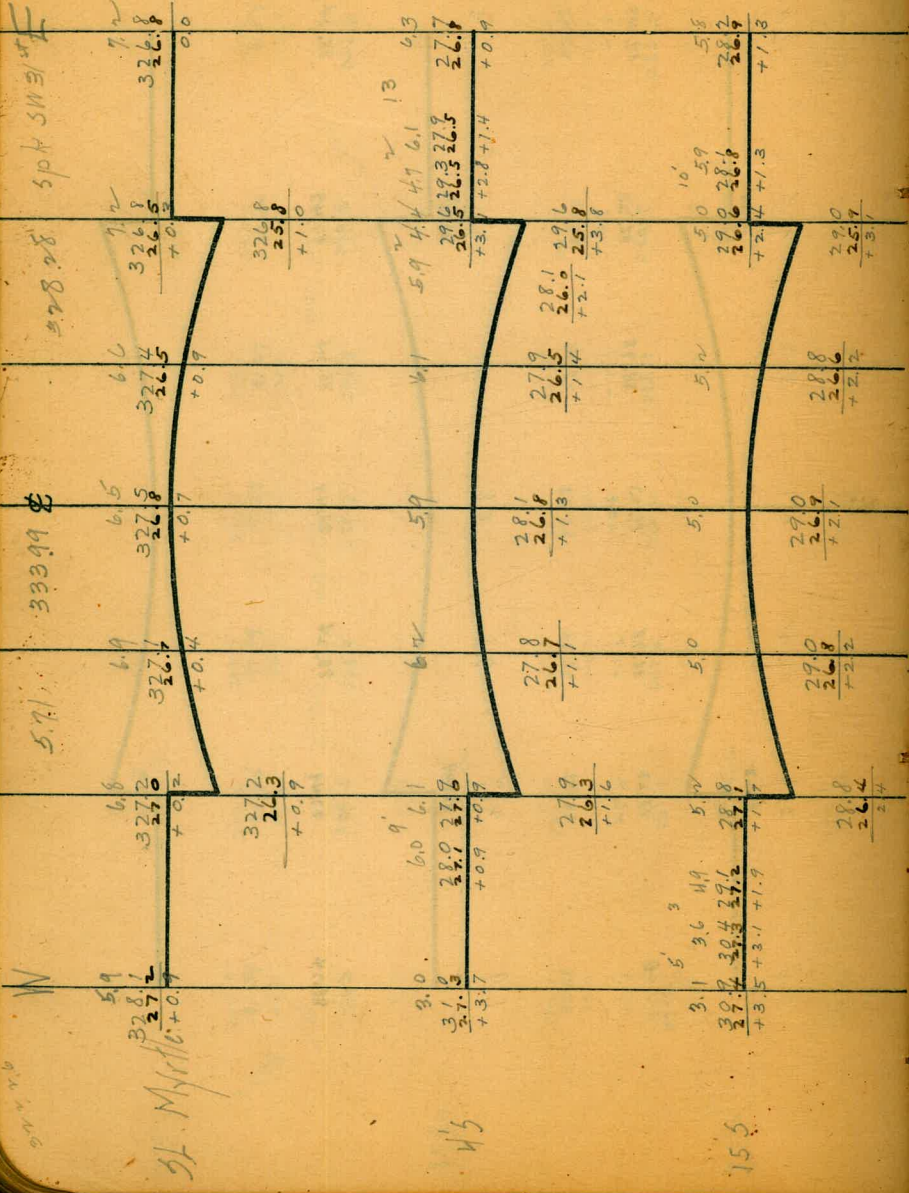
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273.7

6090

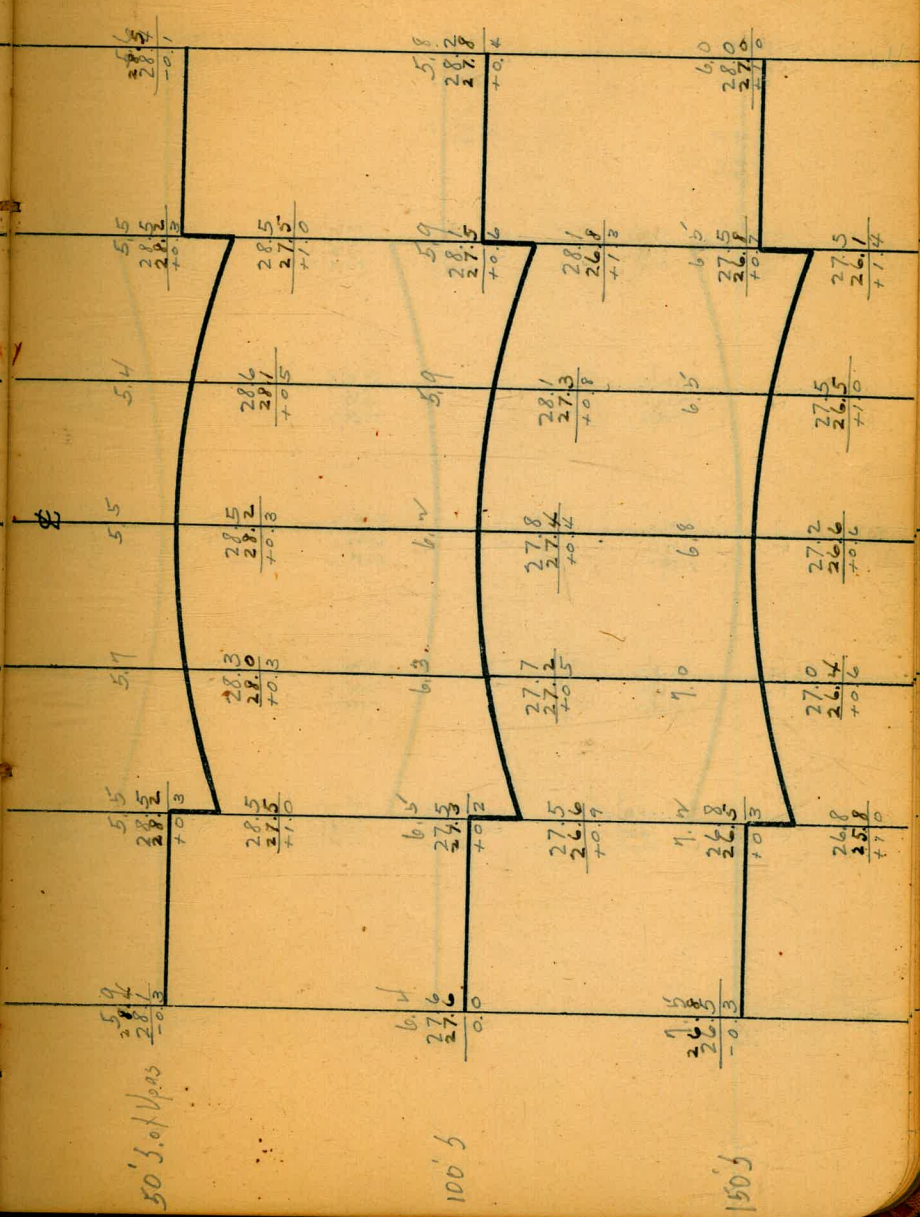
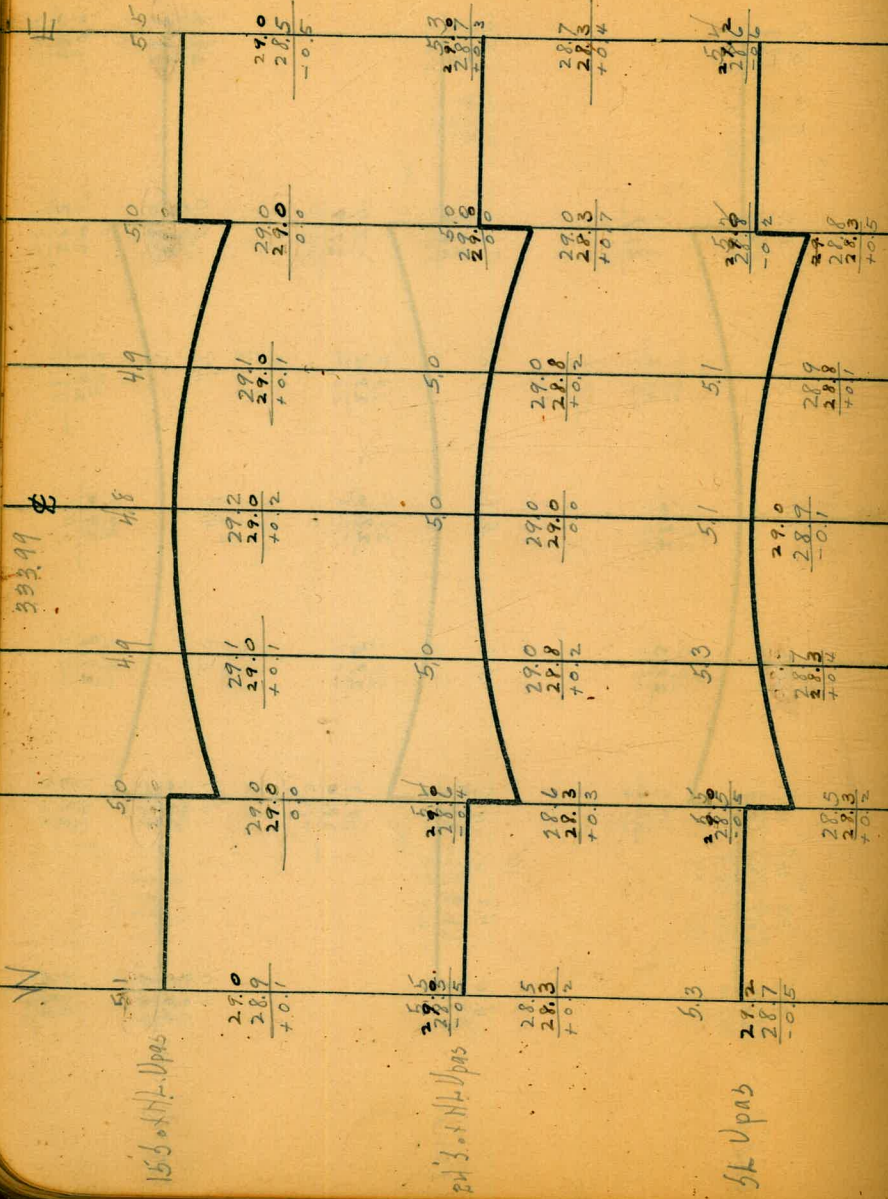
CROSS SECTION OF
 31ST ST
 from S.L. Myrtle
 To N.L. Thorn

65' ST
 17.5' CB3
 7.5' / 43



1255	W	3.5 30.5 +2.4	3.9	3.9	3.7	3.7 30.3 +2.8	5.9 30.8 +2.3
		4.1 29.9 28.8 +1.9	30.1 27.6 +2.5	30.1 27.7 +2.4	30.3 27.4 +2.9	30.3 26.8 +3.5	
		10' 4.1 29.9 28.8 +1.9	4.3	4.1	4.2	4.5 29.5 27.8 +1.7	10' 4.6 29.4 27.9 +1.5
1505		3.6 30.4 28.2 +2.2	29.7 27.8 +1.9	29.9 27.9 +2.0	29.8 27.6 +2.2	29.5 27.1 +2.4	
		10' 4.4 29.8 28.8 +1.5	4.9	4.7	4.8	4.9 29.1 28.2 +0.9	10' 5.0 29.0 28.3 +0.7
2006		3.6 30.4 28.2 +2.2	29.1 28.1 +1.0	29.3 28.2 +1.1	29.2 28.2 +1.0	29.1 27.5 +1.6	
		10' 4.8 29.9 28.5 +1.8	4.9	4.7	4.8	4.9 29.1 28.2 +0.9	10' 5.0 29.0 28.3 +0.7
2505		3.8 30.8 28.7 +2.1	29.2 27.7 +1.5	29.1 28.4 +0.7	28.9 28.2 +0.7	28.8 27.7 +1.1	
		11' 4.8 29.8 28.2 +1.5	5.0	4.9	5.1	5.2 28.8 28.4 +0.4	10' 5.4 29.6 28.5 +1.1
3005		4.0 30.9 28.8 +2.1	29.2 27.7 +1.5	29.1 28.4 +0.7	28.9 28.2 +0.7	28.8 27.7 +1.1	
		10' 4.9 29.9 28.5 +1.8	4.8	5.1	5.2	5.3 28.7 28.6 +0.1	5.0 29.8 28.8 +1.0
3505		4.6 30.4 28.2 +2.2	29.3 28.0 +1.3	28.9 28.6 +0.3	28.8 28.4 +0.4	28.7 27.7 +1.0	
		10' 4.9 29.9 28.5 +1.8	5.0	4.9	4.8	5.0 28.8 28.4 +0.4	5.0 29.8 28.8 +1.0
4005		4.6 30.4 28.2 +2.2	29.0 28.8 +0.2	29.1 29.0 +0.1	28.2 28.8 +0.6	29.0 28.3 +0.7	
		10' 4.9 29.9 28.5 +1.8	4.9	4.9	4.8	5.0 28.8 28.4 +0.4	5.0 29.8 28.8 +1.0

1255	E	3.5 30.5 +2.4	3.9	3.9	3.7	3.7 30.3 +2.8	5.9 30.8 +2.3
		4.1 29.9 28.8 +1.9	30.1 27.6 +2.5	30.1 27.7 +2.4	30.3 27.4 +2.9	30.3 26.8 +3.5	
		10' 4.1 29.9 28.8 +1.9	4.3	4.1	4.2	4.5 29.5 27.8 +1.7	10' 4.6 29.4 27.9 +1.5
1505		3.6 30.4 28.2 +2.2	29.7 27.8 +1.9	29.9 27.9 +2.0	29.8 27.6 +2.2	29.5 27.1 +2.4	
		10' 4.4 29.8 28.8 +1.5	4.9	4.7	4.8	4.9 29.1 28.2 +0.9	10' 5.0 29.0 28.3 +0.7
2006		3.6 30.4 28.2 +2.2	29.1 28.1 +1.0	29.3 28.2 +1.1	29.2 28.2 +1.0	29.1 27.5 +1.6	
		10' 4.8 29.9 28.5 +1.8	4.9	4.7	4.8	4.9 29.1 28.2 +0.9	10' 5.0 29.0 28.3 +0.7
2505		3.8 30.8 28.7 +2.1	29.2 27.7 +1.5	29.1 28.4 +0.7	28.9 28.2 +0.7	28.8 27.7 +1.1	
		11' 4.8 29.8 28.2 +1.5	5.0	4.9	5.1	5.2 28.8 28.4 +0.4	10' 5.4 29.6 28.5 +1.1
3005		4.0 30.9 28.8 +2.1	29.2 27.7 +1.5	29.1 28.4 +0.7	28.9 28.2 +0.7	28.8 27.7 +1.1	
		10' 4.9 29.9 28.5 +1.8	4.8	5.1	5.2	5.3 28.7 28.6 +0.1	5.0 29.8 28.8 +1.0
3505		4.6 30.4 28.2 +2.2	29.3 28.0 +1.3	28.9 28.6 +0.3	28.8 28.4 +0.4	28.7 27.7 +1.0	
		10' 4.9 29.9 28.5 +1.8	5.0	4.9	4.8	5.0 28.8 28.4 +0.4	5.0 29.8 28.8 +1.0
4005		4.6 30.4 28.2 +2.2	29.0 28.8 +0.2	29.1 29.0 +0.1	28.2 28.8 +0.6	29.0 28.3 +0.7	
		10' 4.9 29.9 28.5 +1.8	4.9	4.9	4.8	5.0 28.8 28.4 +0.4	5.0 29.8 28.8 +1.0



5005

10	31	47	24	11	E
20.3	21.5	21.9	22.2	21.3	
-0.4	20.7	21.1	21.1	21.5	
	+0.8	+0.8	+1.1	+0.8	
20.8	21.1	21.7	22.3	21.8	
			+1.5		
4.5	3.8	3.5	3.0	2.9	10'
20.1	20.8	21.1	21.6	21.7	21.0
0.0	19.7	20.3	20.3	21.0	20.9
	+0.7	+0.8	+1.3	+1.7	+1.6
15.8	5.2	5.0	4.3	3.9	3.0
-0.5	19.4	19.6	19.3	20.7	20.6
	+0.3	0.0	+0.7	+1.5	+1.3
18.4	19.3	19.6	20.3	20.7	
	+1.0	0.0			

5005

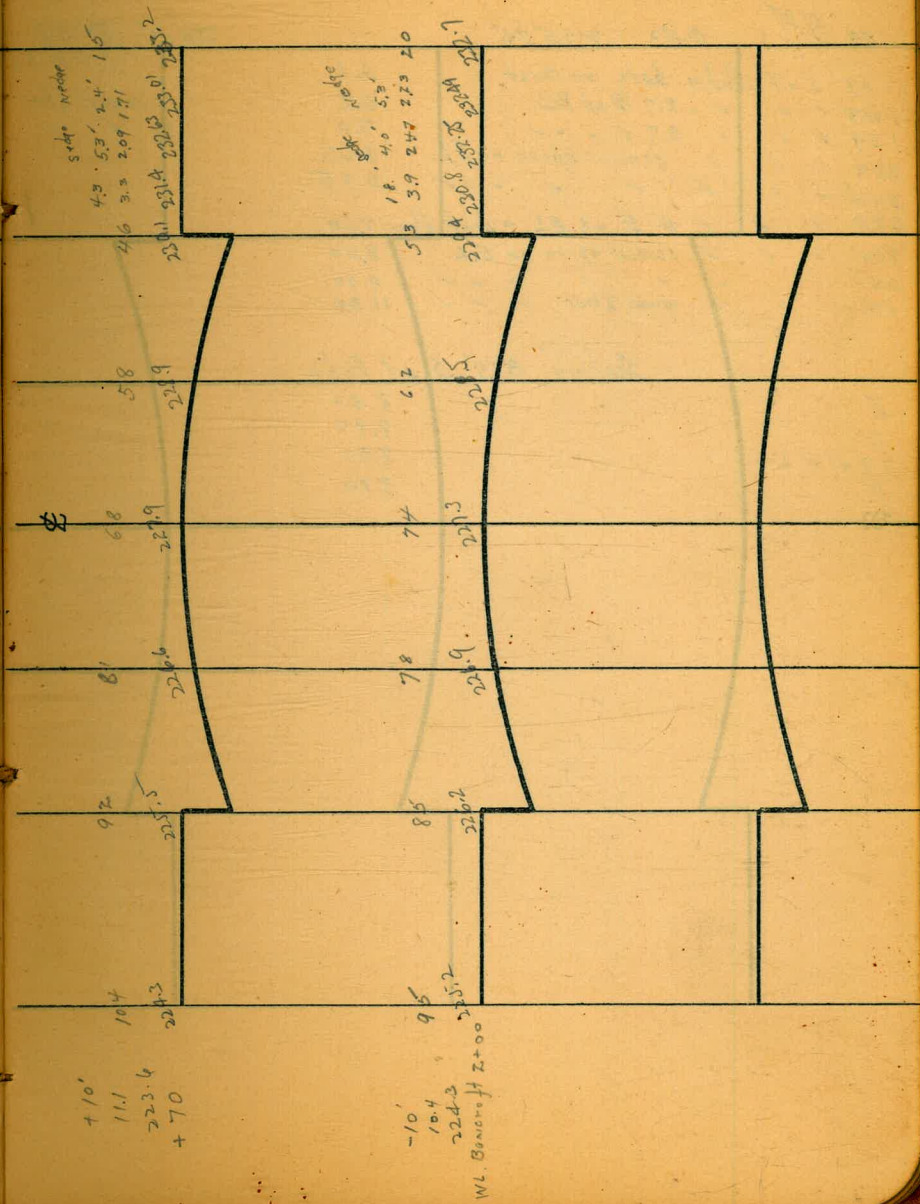
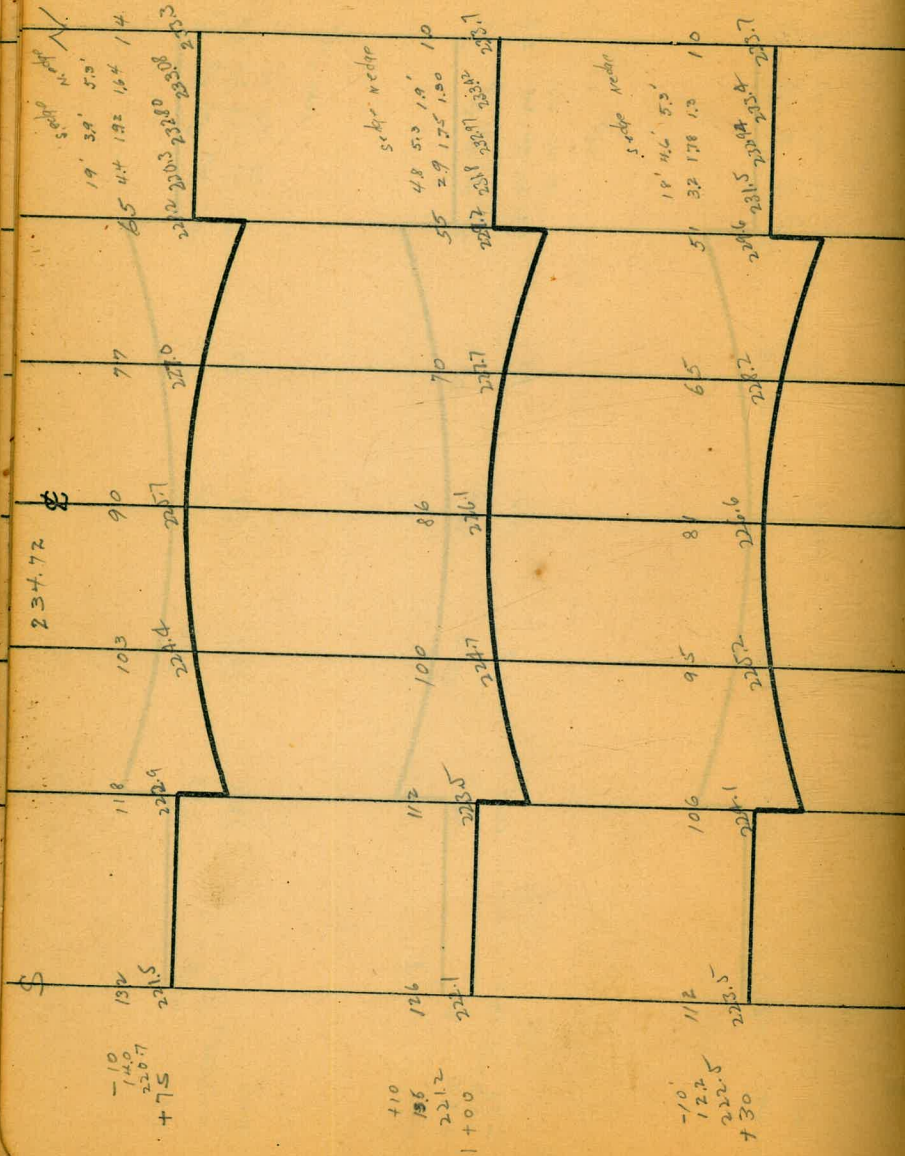
5995	53	53	51	44	
18.2	19.1	19.3	19.5	19.4	
0.0	19.1	19.3	19.5	19.3	
	0.0	-0.2	-0.1	+0.1	
18.7	18.7	19.5	19.6	19.4	
	+0.4				
5.40	5.5	5.3	5.1	5.2	
18.2	18.7	19.3	19.5	19.4	
0.0	-0.3	0.0	0.0	0.0	
18.4	18.7	19.3	19.5	19.4	
	+1.0				

5995 = NL
Thorn

1079 yd on Thorn
bot Grim + Thorn

3.68 320.90

B.P. SE Grim + Thorn



8/18/22
Gregory
Mearns
E. J. B.
Shaw

Levels on Garage Floors
Alley 5.0 of Robn
bet 1st + Front

on BM 0.90 275.75 274.85 BPNW

62' 5.0 x Robn Gate on West:	6.1
143' ✓ ✓ ✓ 2.7 W. of W.L.	6.2
159' ✓ ✓ ✓ 2.7 ✓ ✓ ✓	7.0
207' ✓ ✓ ✓ cement apron on E.L.	6.66
244' ✓ ✓ ✓ ✓ ✓ ✓ ✓	6.85
279' ✓ ✓ ✓ 5' E. of E.L. = dirt floor	7.40
384' ✓ ✓ ✓ cement apron on E.L.	8.50
441' ✓ ✓ ✓ ✓ ✓ ✓ ✓	9.30
531' ✓ ✓ ✓ wood floor ✓ ✓ ✓	11.30

1st Robn
= cement floor.

Section 375' 5.0 of Robn

E	8.50
C	8.80
2' E of W Line	8.90
W	9.80

82

9/19/20 Gregory Sewer & ok
 Ellis STATE ST
 Show from & ok Redwood to
 190' S DE

R

106.06
 105.61
 6.22
 111.94
 106.06
 10.87
 75.19

386 4.00
 4.03 4.00
 107.94
 103.94 14.00
 95.19 0.00
 8.75 0.00
 7.60 0.00
 11.40 0.00
 19.20 0.00
 10.605

52

106.06

Curb SW Redwood
 STATE
 Grade

M.H. & Redwood =		bottom of M.H. 10.87						
0+00				0.0				
T.P.	6.33	0.45		+7.98				
+50		6.17		+8.60				
		3.55		+5.95				
+50		3.90		+4.00				
+90 DE		4.00						

105.47 50 75.19 0.00
 7.30
 97.49
 108.39 100 99.79 15.420
 8.60
 108.04 150 102.89 5.95
 103.95

W.T	305.69	305.69	305.69	305.69	E.L.
4.1	3.1	2.9	3.1	2.7	2.7
✓	302.5	302.3	304.6	303.0	303.0
✓	302.8	302.8	303.0	303.0	303.0
5.3	4.9	4.3	4.3	3.9	3.5
0.4	300.4	301.4	301.4	301.8	301.9
✓	300.8	300.9	301.4	301.8	301.9
1.3	6.7	6.2	6.2	5.8	5.7
✓	299.0	299.0	299.5	299.9	300.0
298.4	299.0	299.5	299.5	299.9	300.0

400.5	298.4	298.4	298.4	298.4	298.4
9.7	8.9	8.8	8.9	8.5	8.1
✓	296.7	296.9	296.8	297.2	297.6
6.0	296.0	296.7	296.8	297.2	297.6
11.9	11.2	10.7	10.7	10.1	10.0
✓	294.5	294.5	295.0	295.6	295.7
3.8	293.8	295.0	295.0	295.6	295.7
12.8	12.1	11.6	11.4	10.7	10.6
2.9	292.9	294.1	294.3	295.0	295.7
✓	292.6	293.8	294.3	295.0	295.7

EL.

305.69

N.T.

12.4 12.4 12.6 11.9 11.5 11.1

292.3 292.3 293.1 293.8 294.2 294.6

550.5

294.6

294.2

294.2

293.8

293.6

293.6

293.1

293.3

292.3

292.3

292.3

10.2

10.6

11.3

11.8

12.4

12.9

13.2

595.5 =

N.T. Nutmeg

295.5

295.1

295.1

294.4

293.9

293.3

292.8

292.8

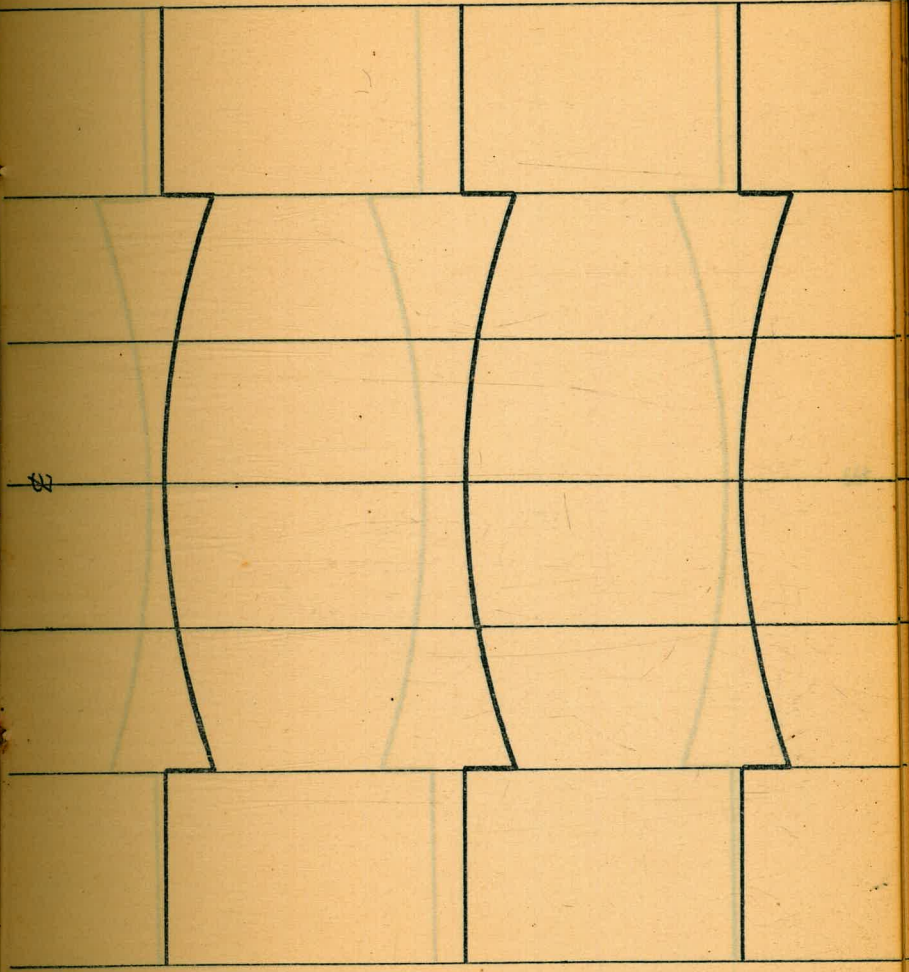
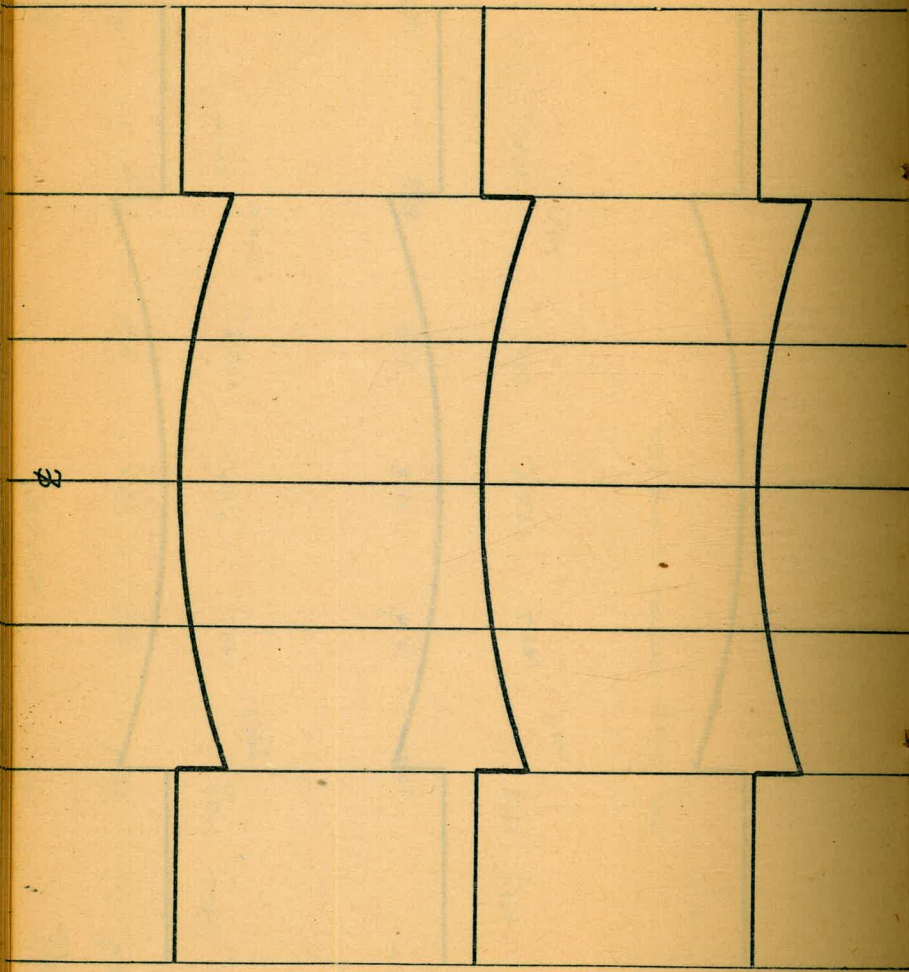
292.5

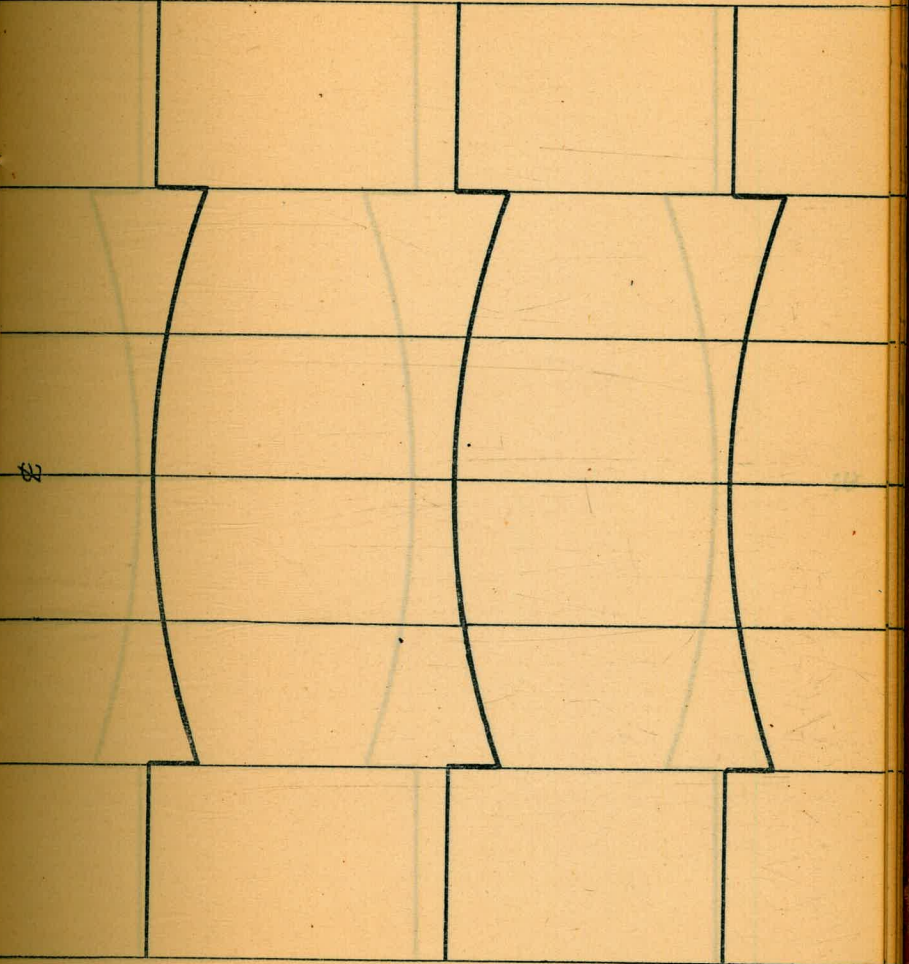
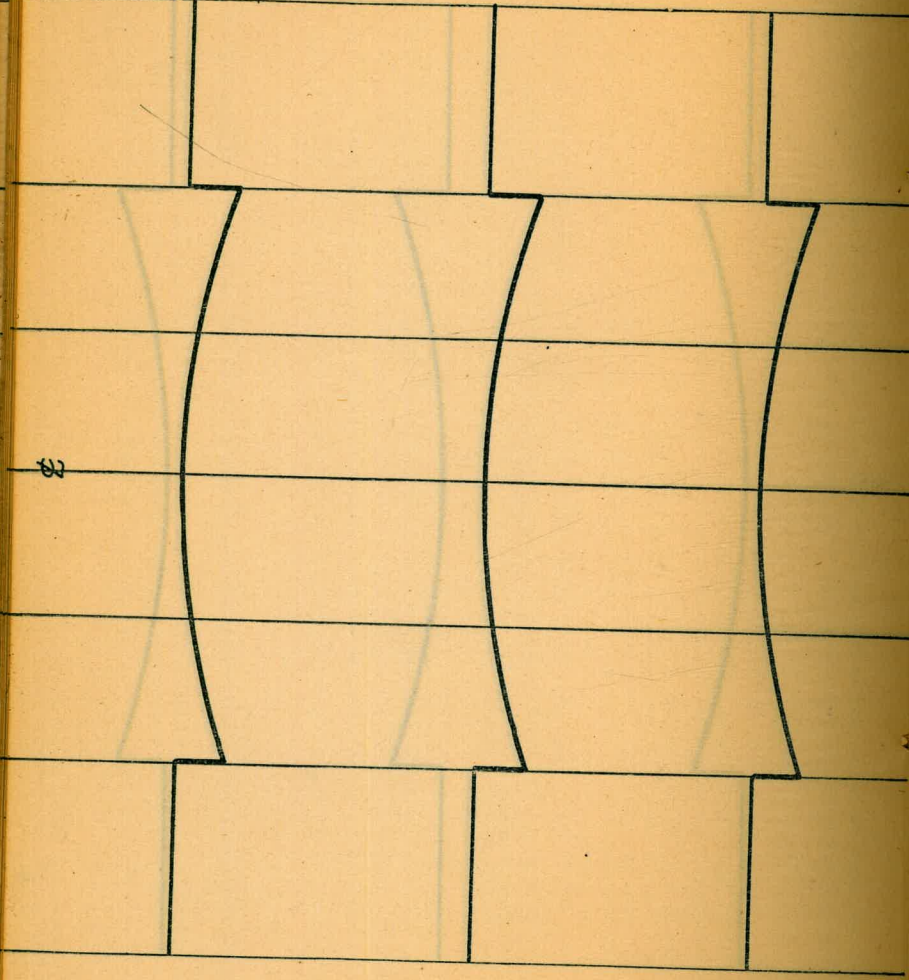
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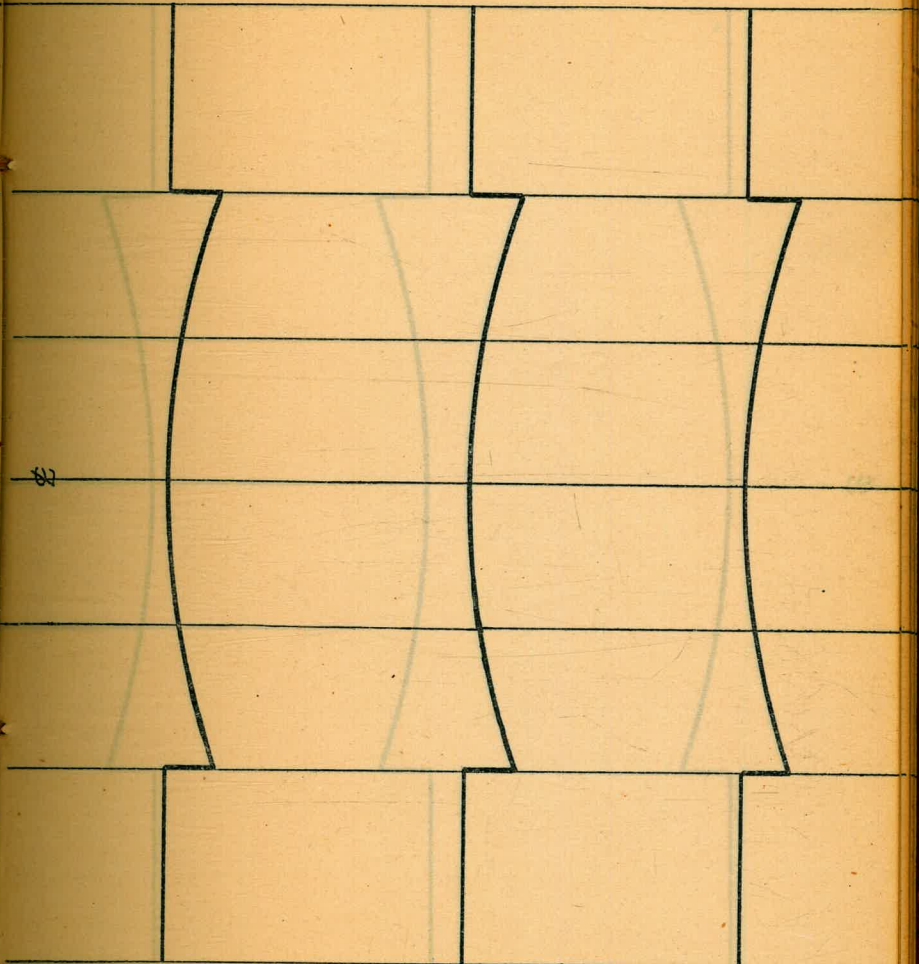
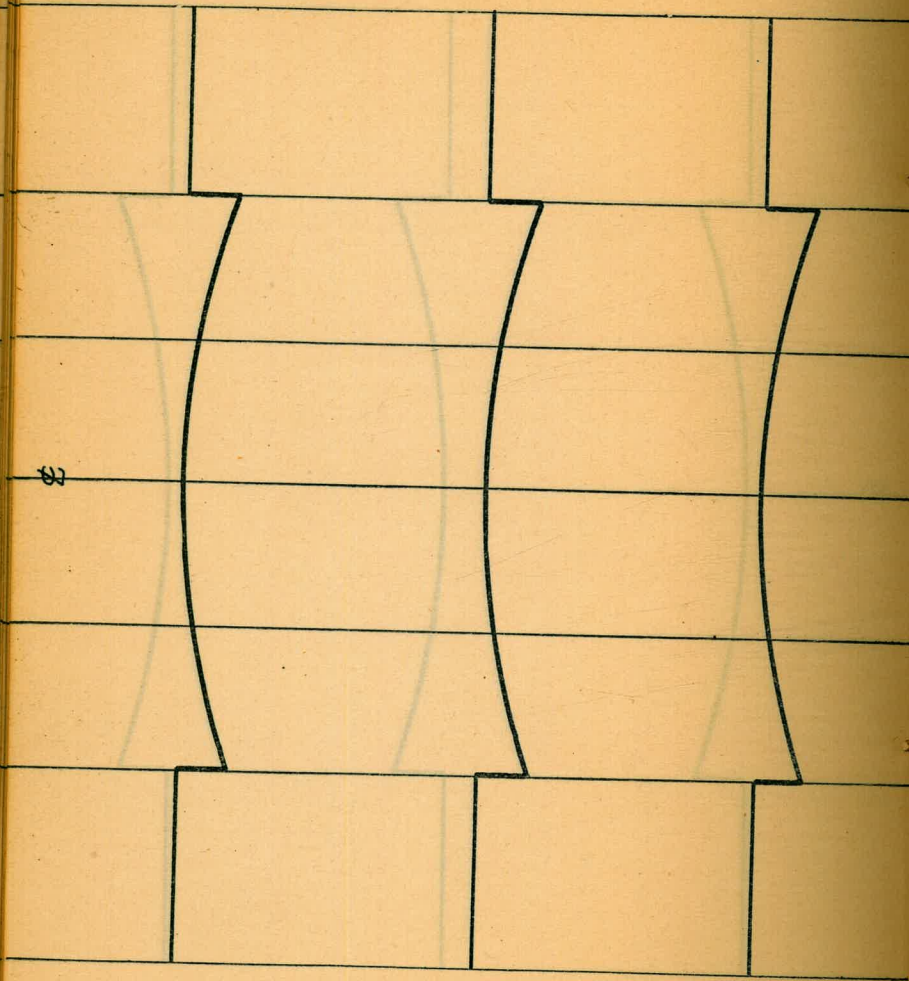
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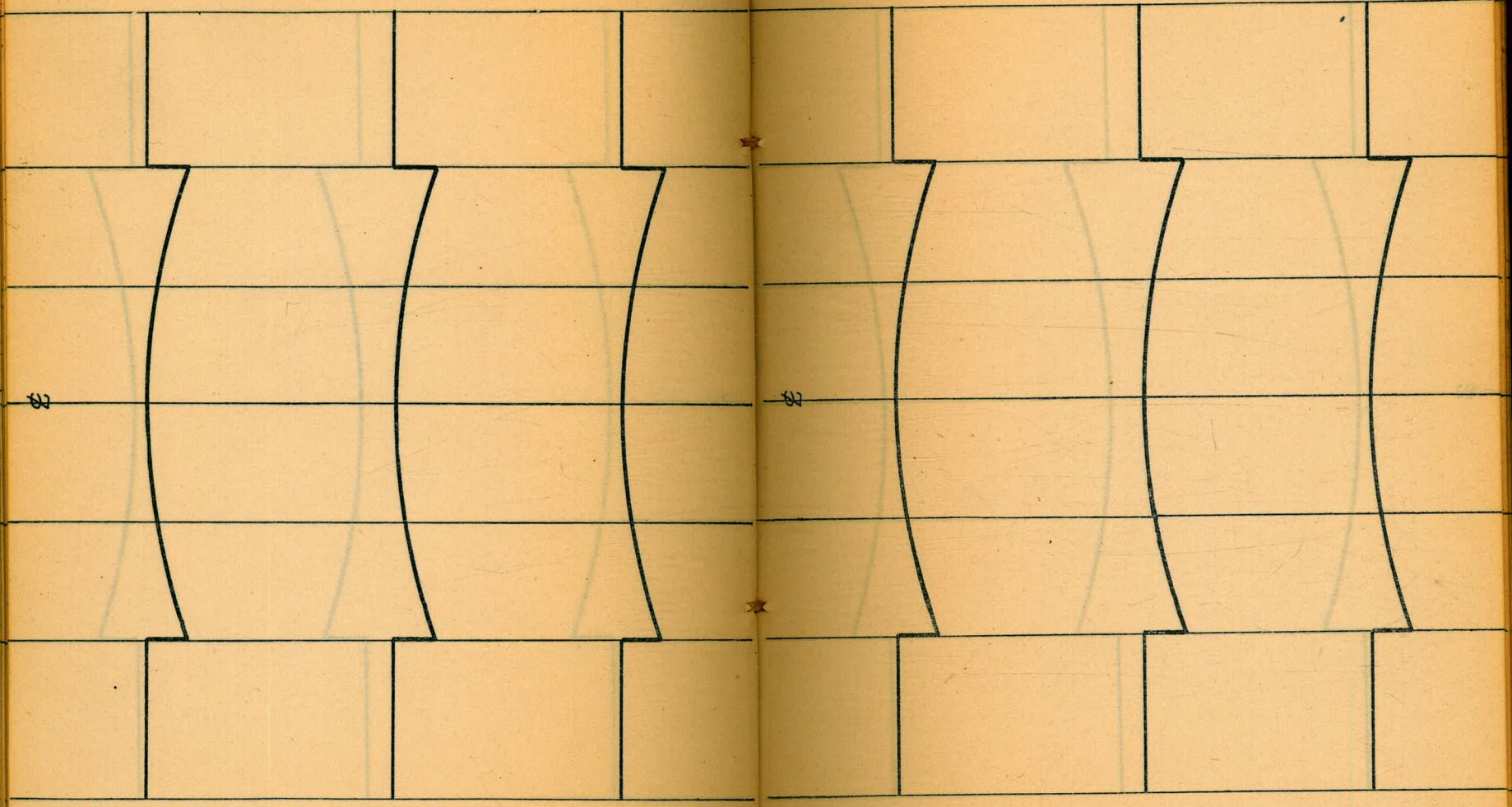
For Nutmeg interaction see Book 1180.

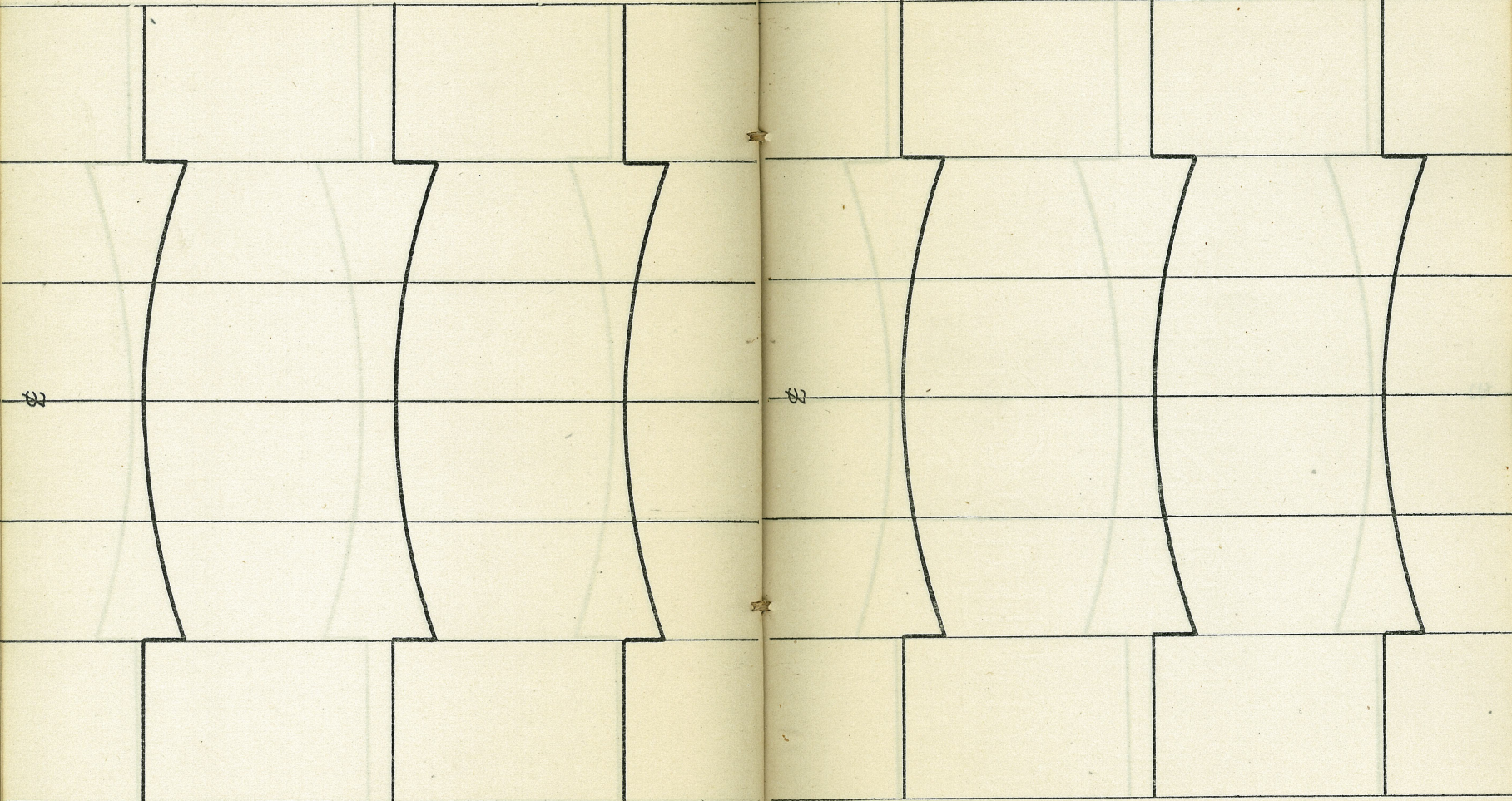
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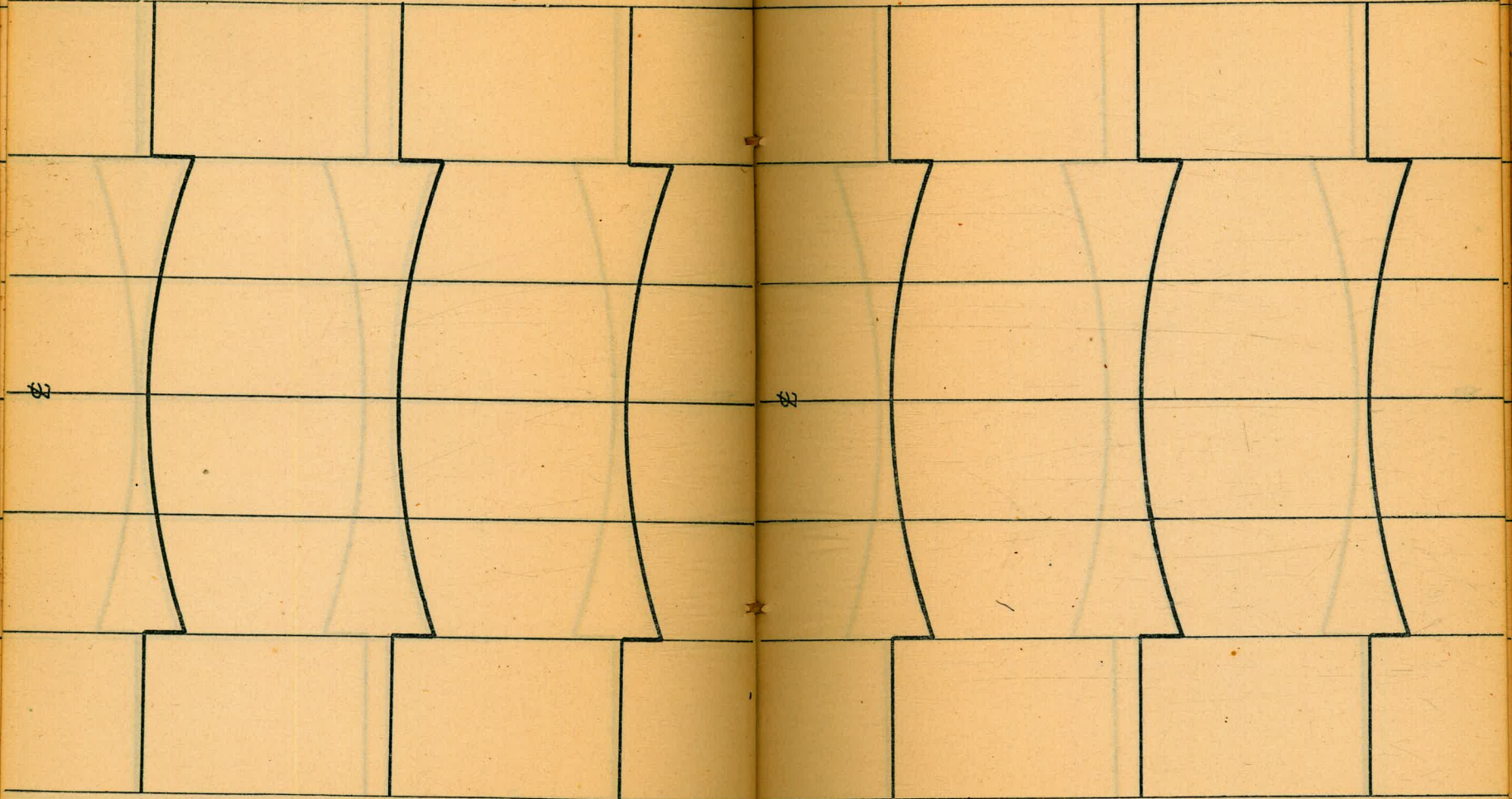






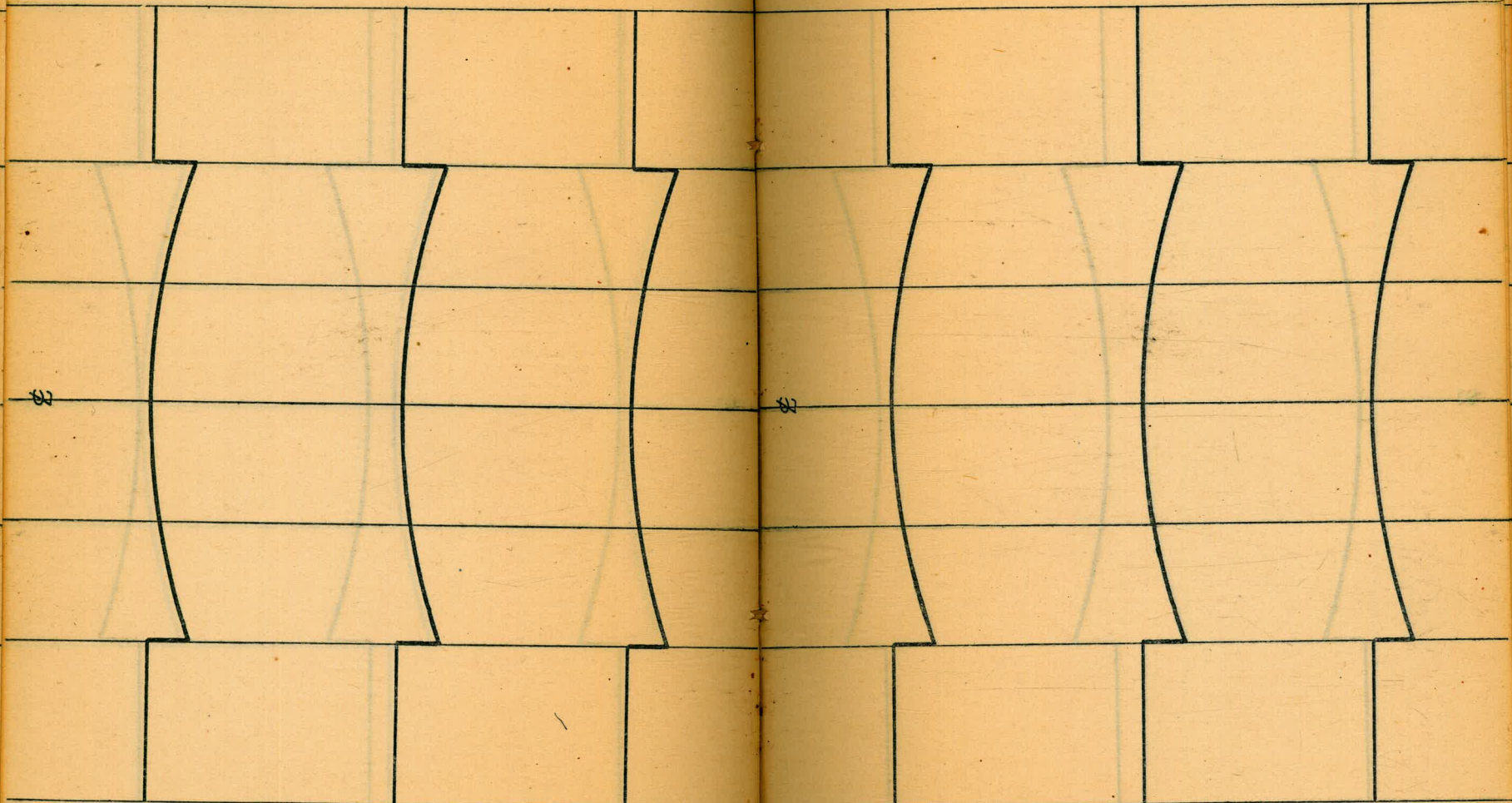






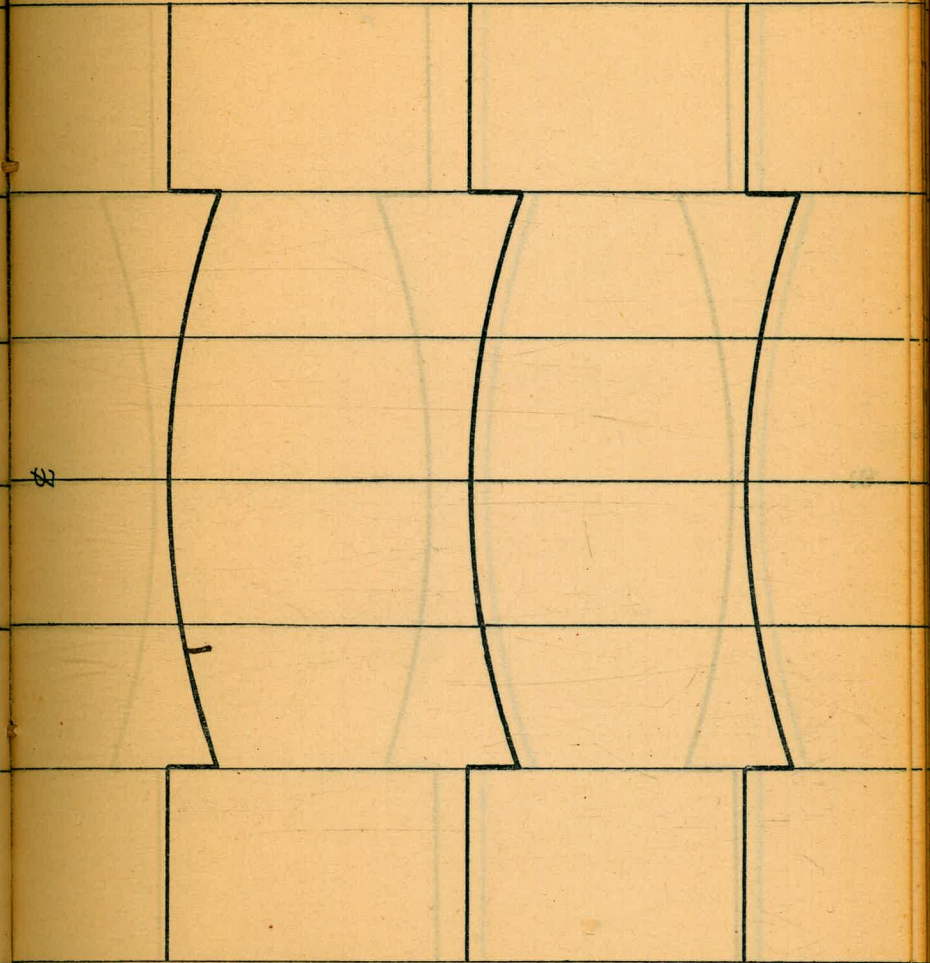
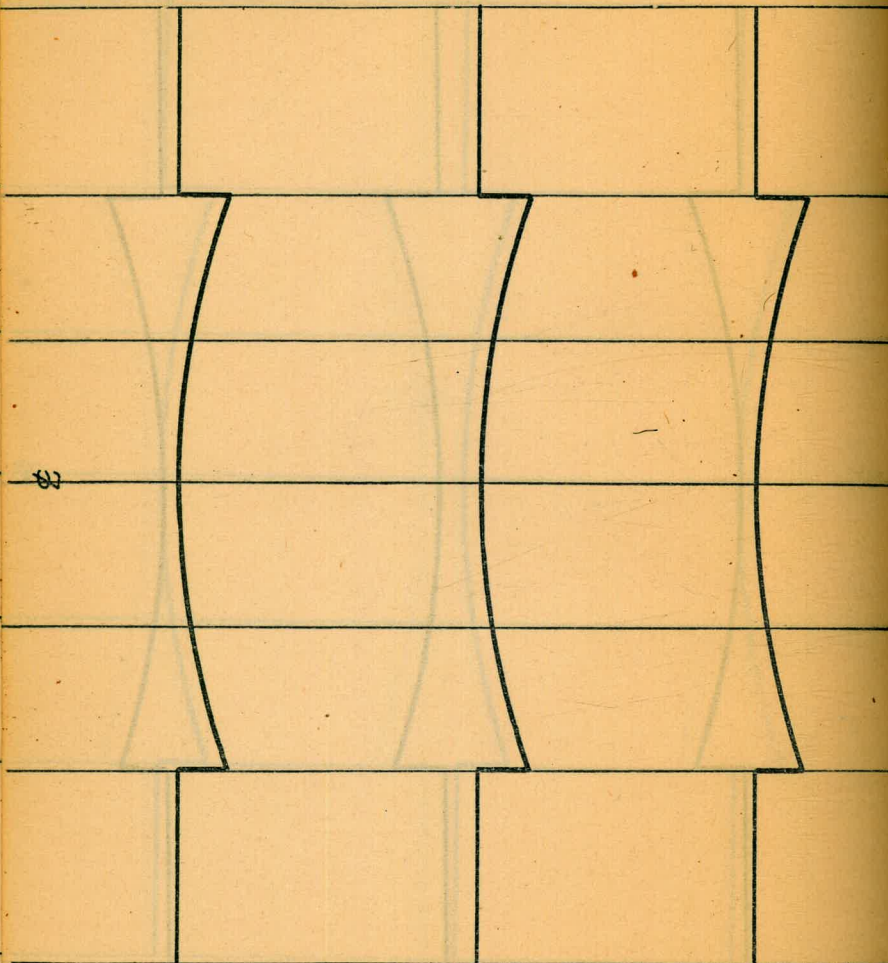
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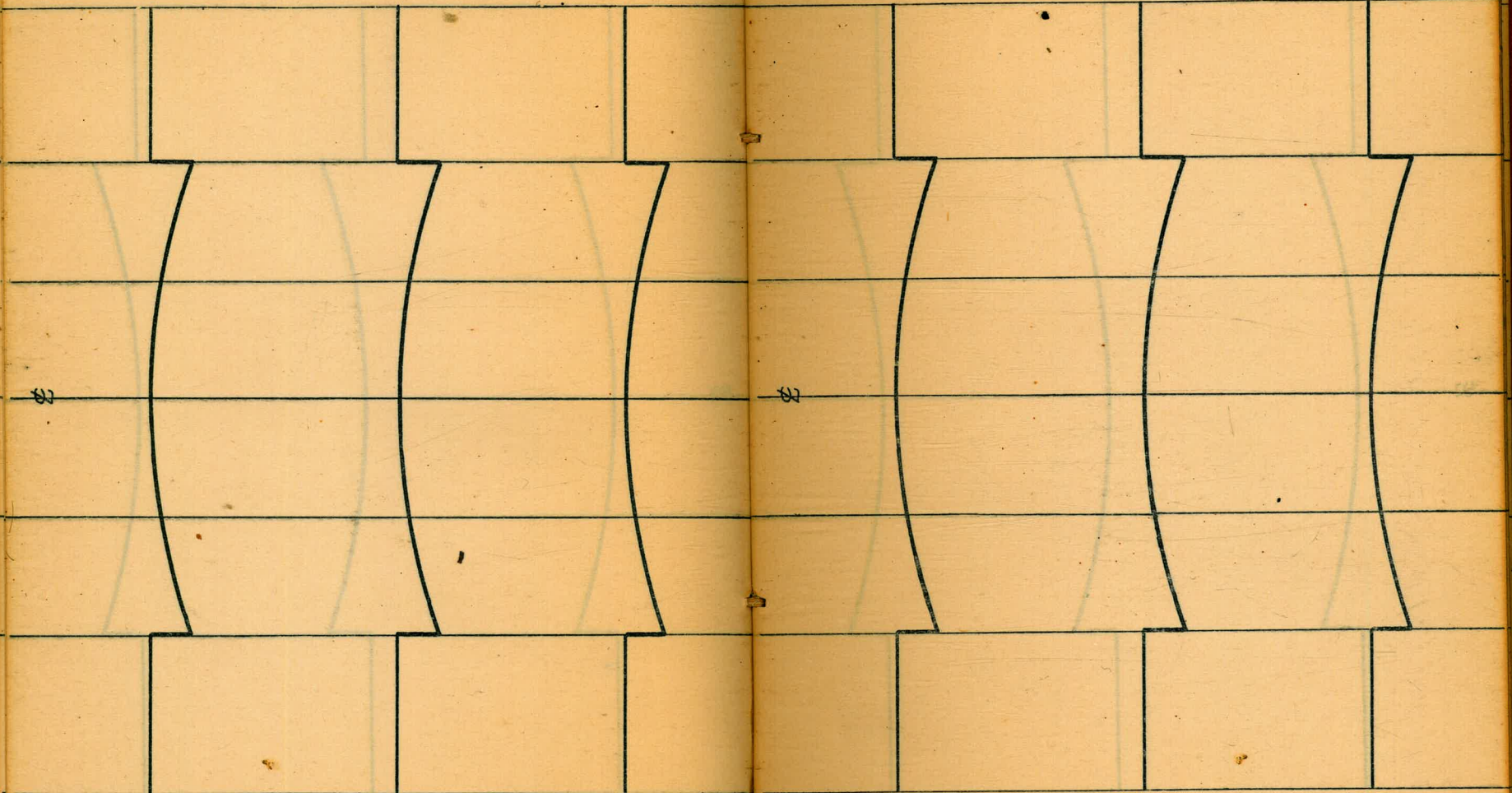
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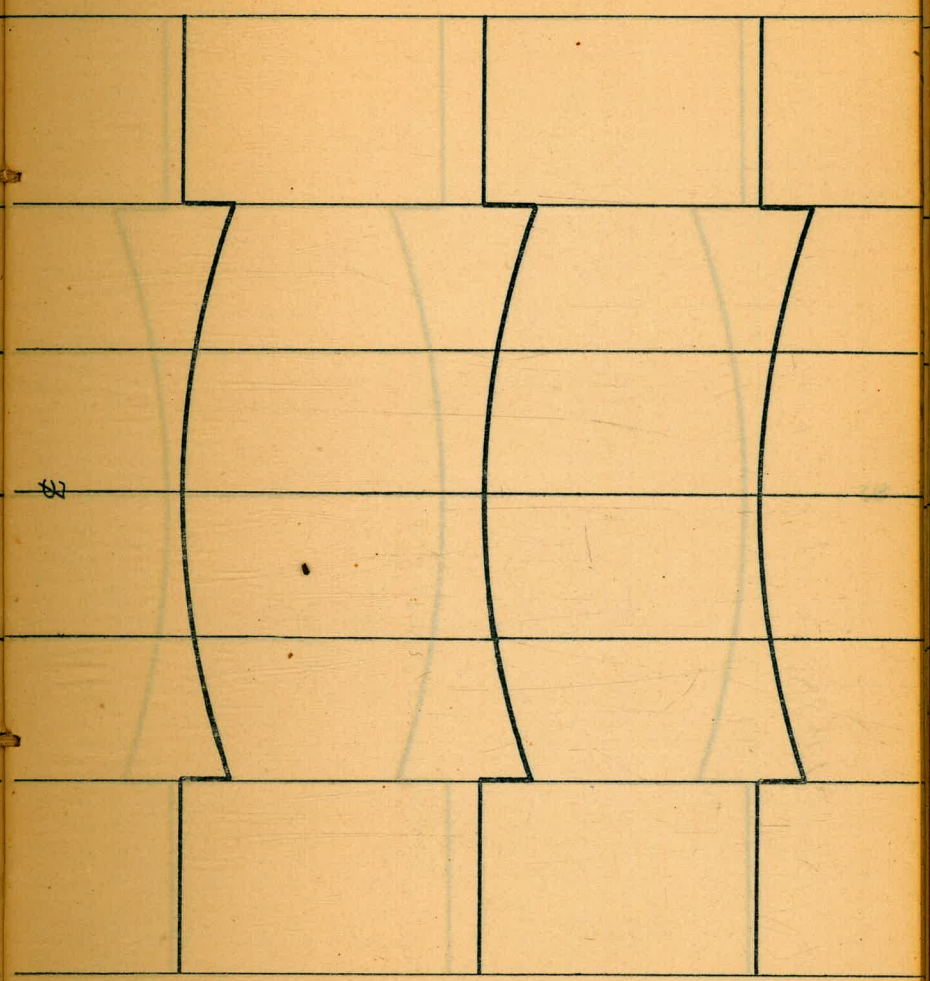
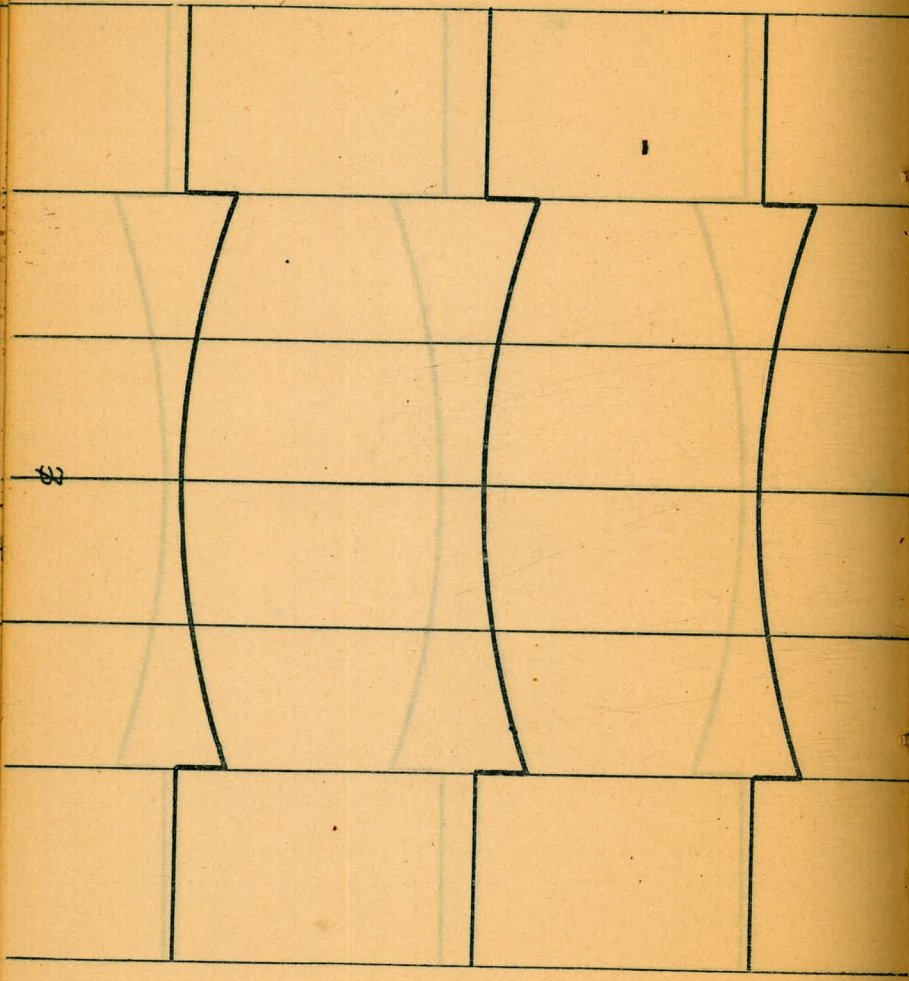


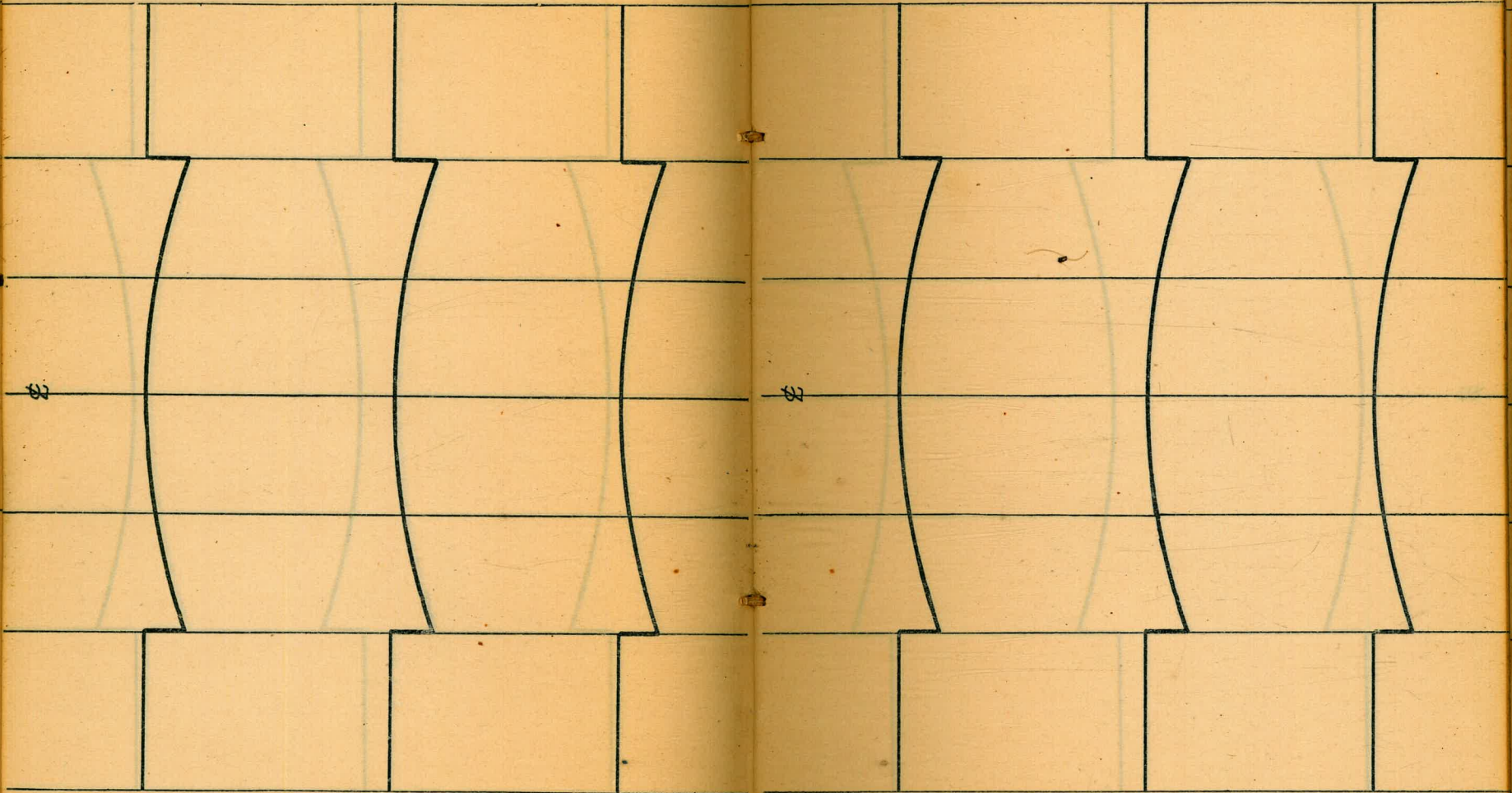
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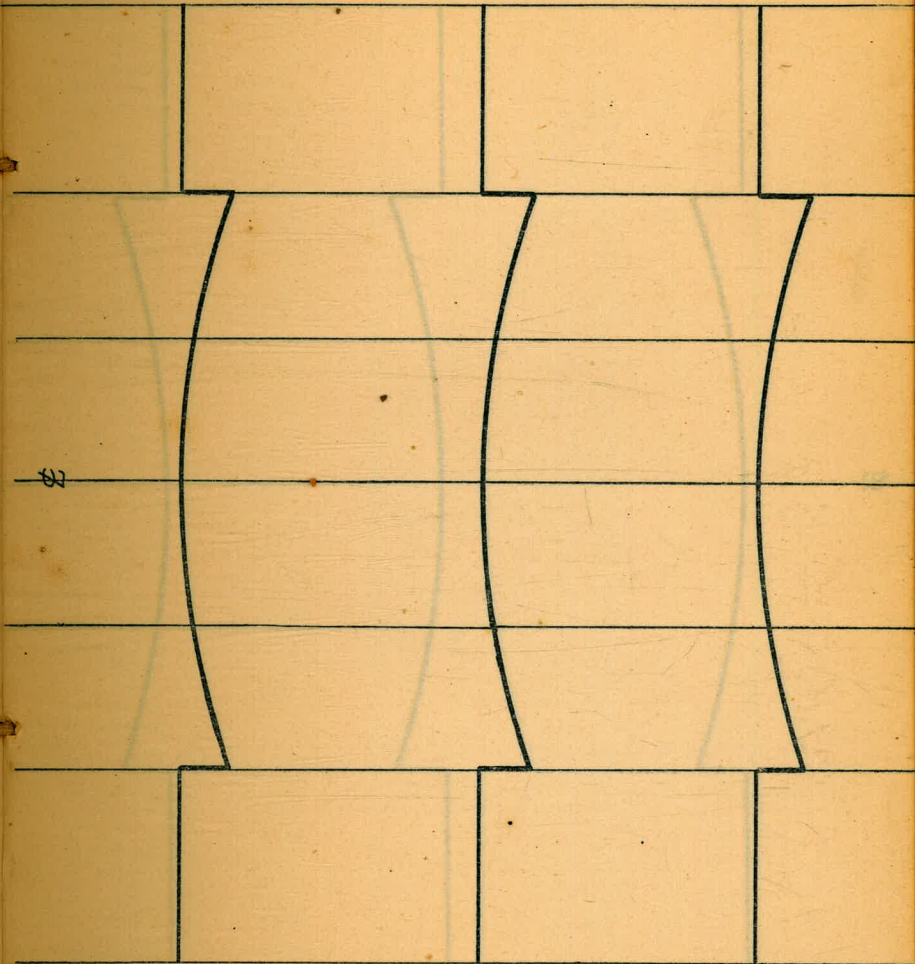
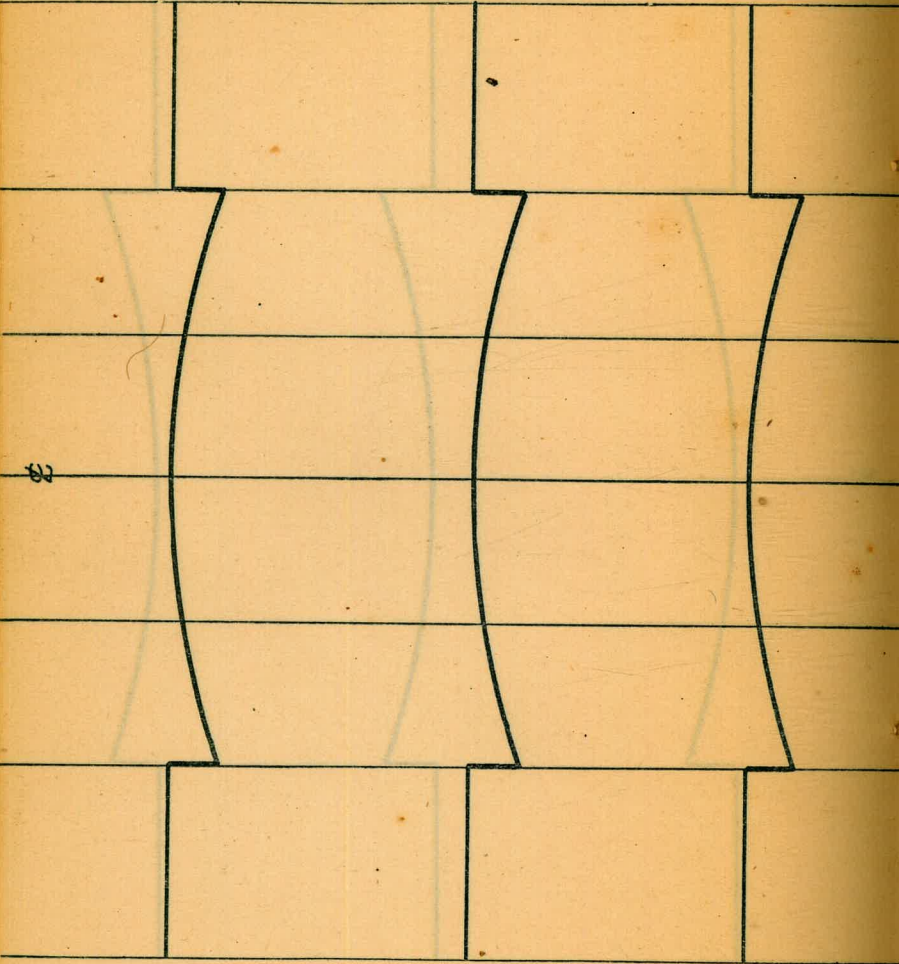
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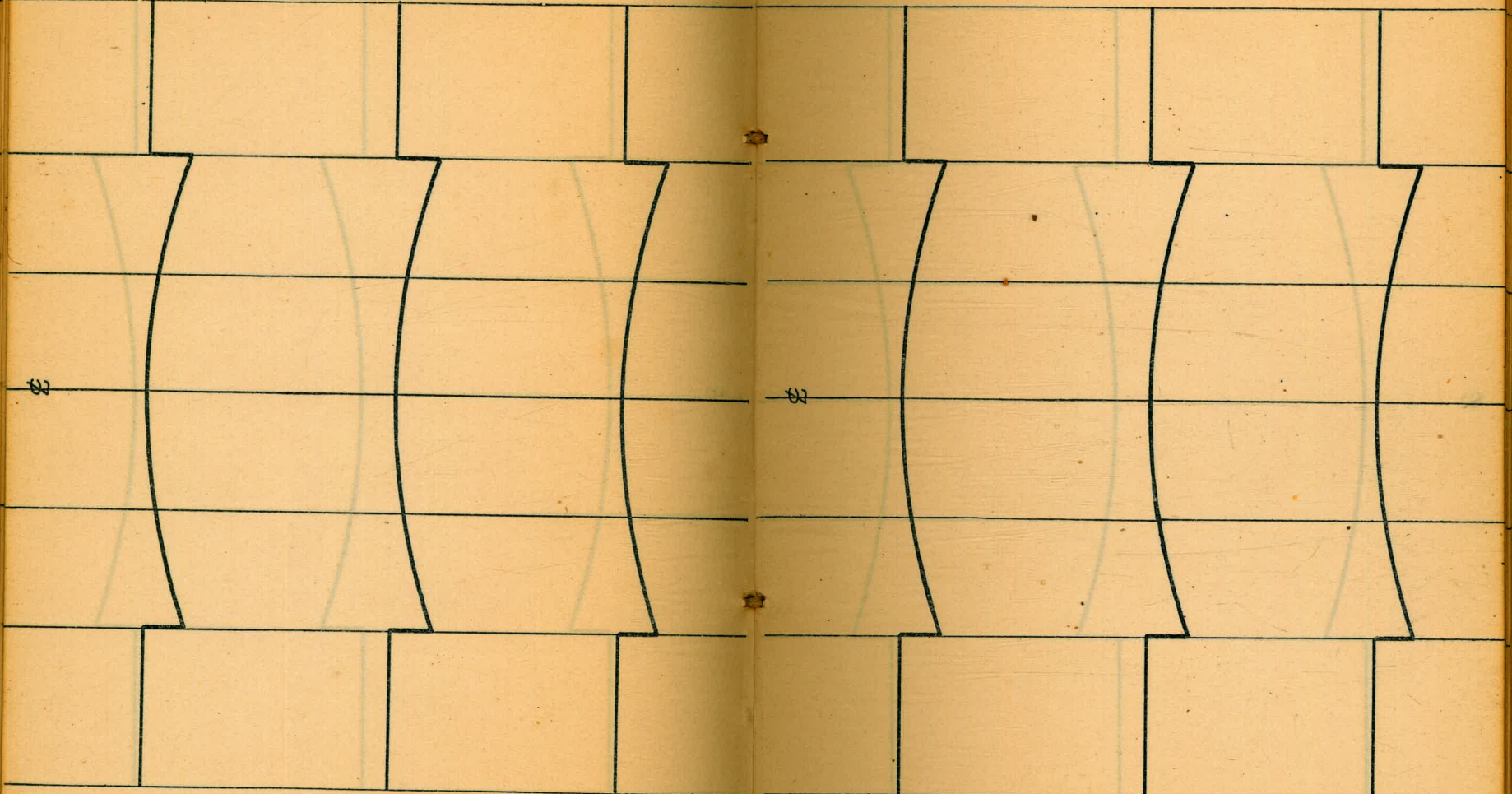


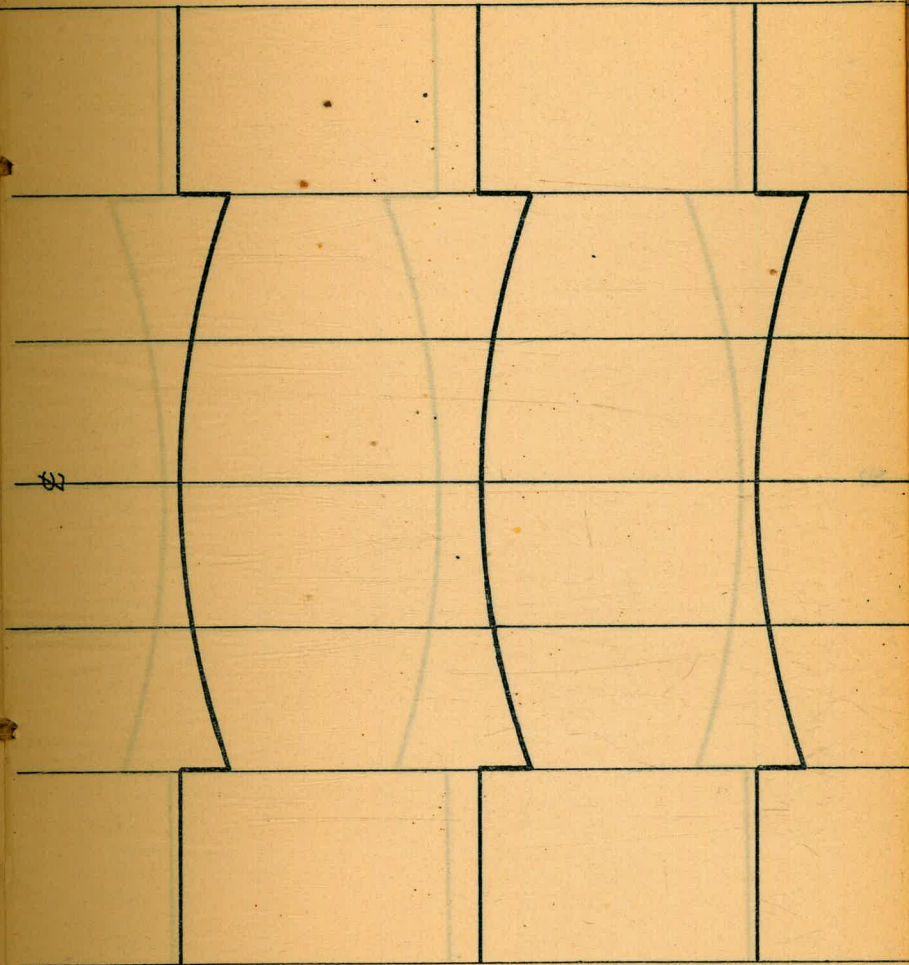
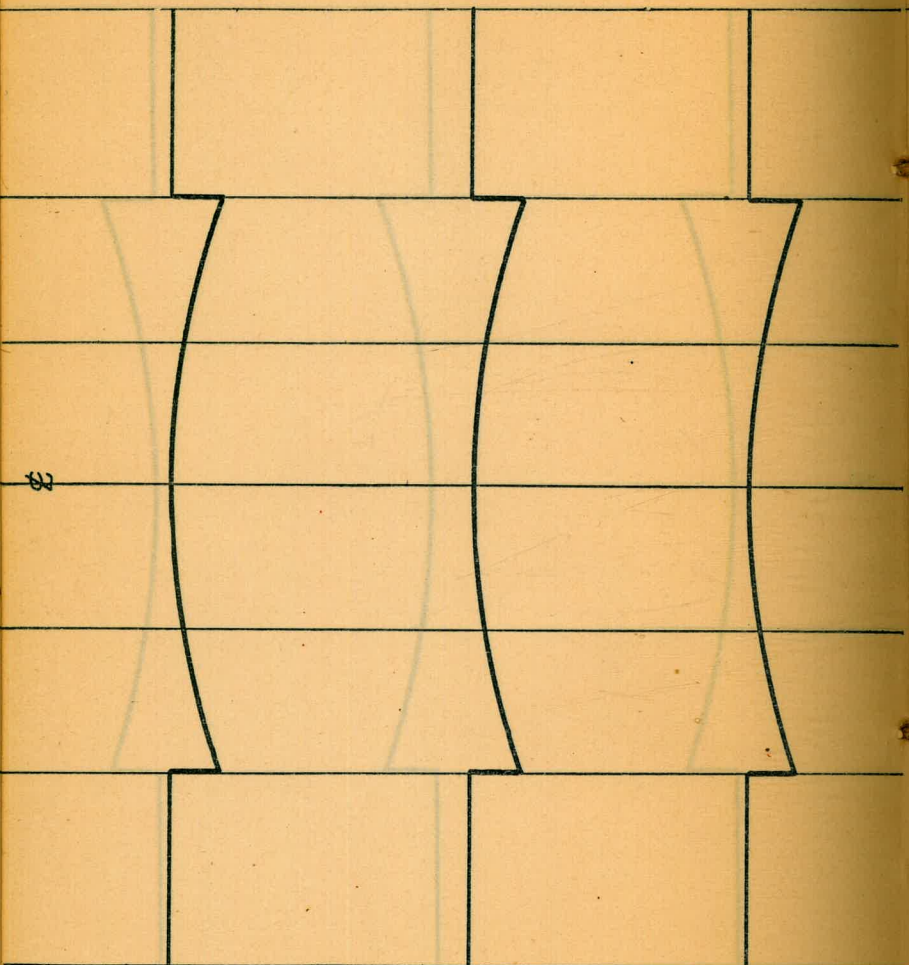


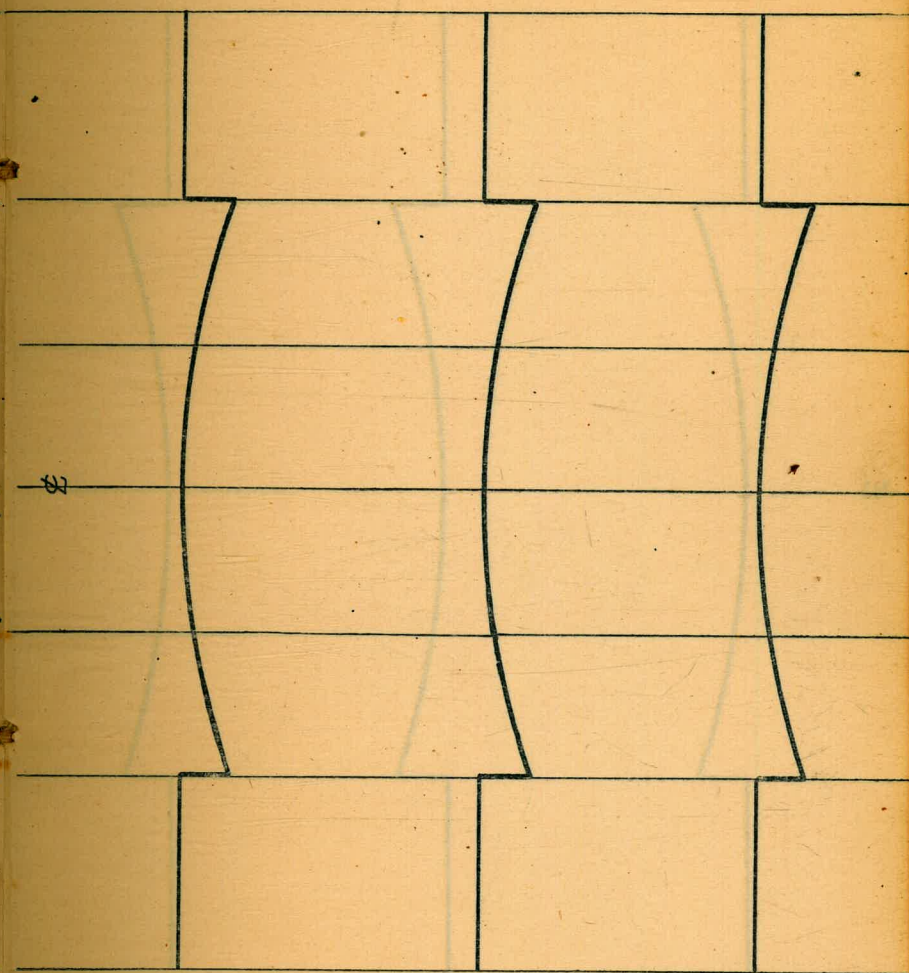
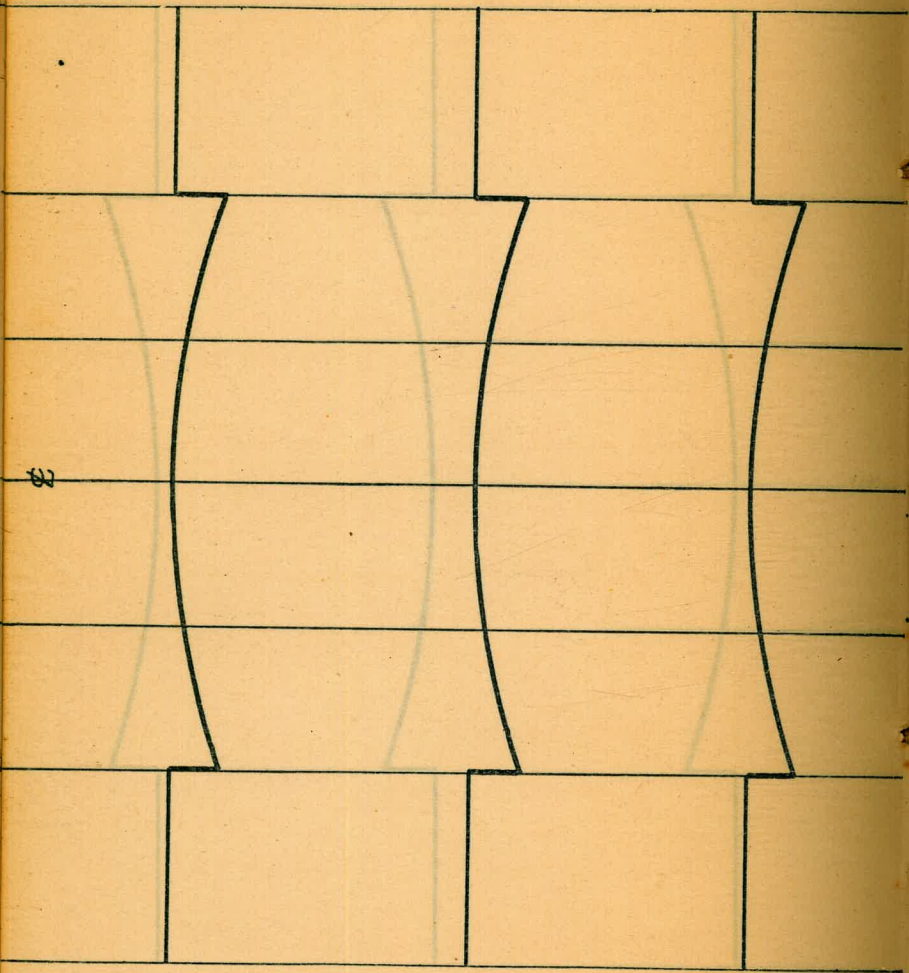






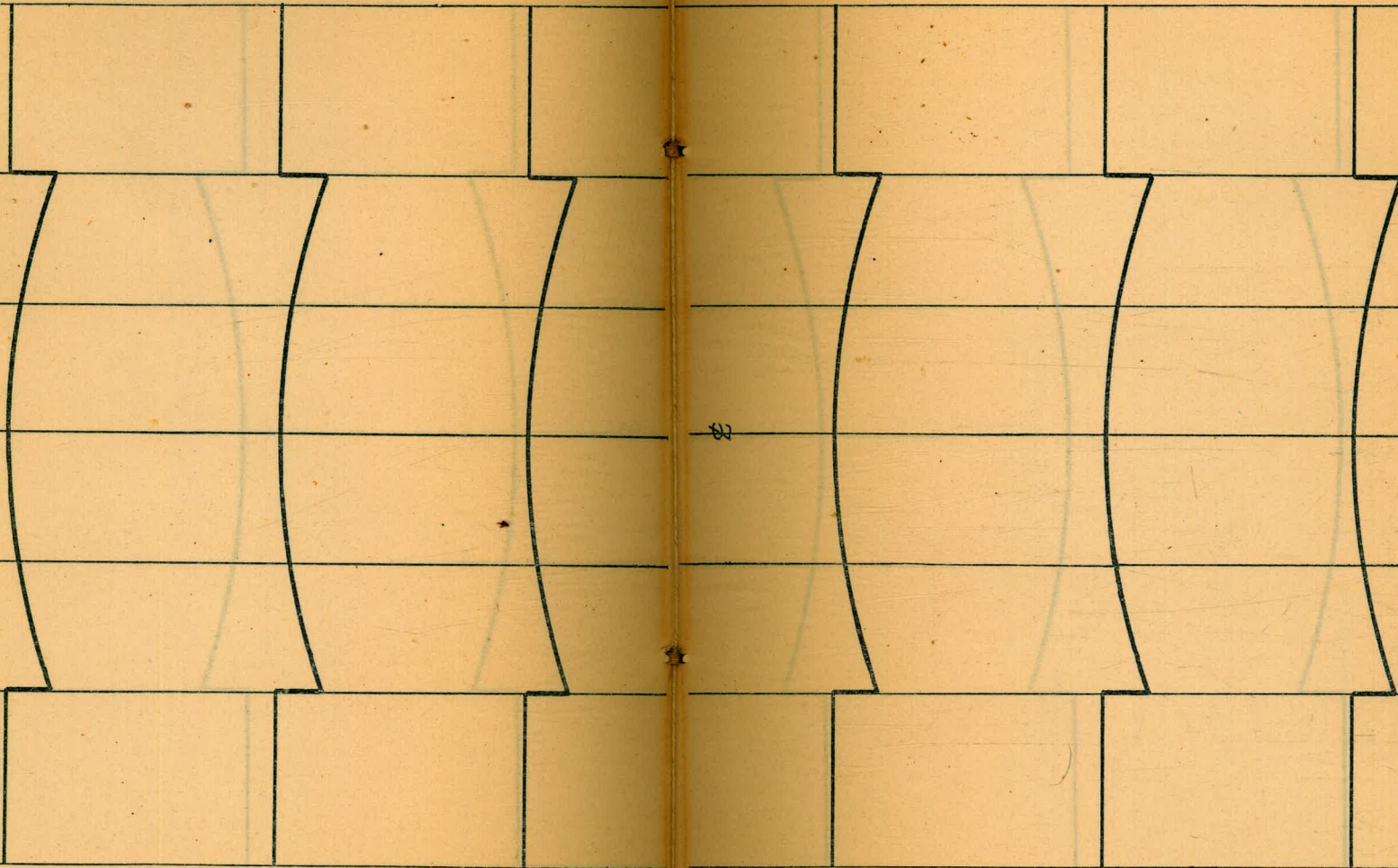


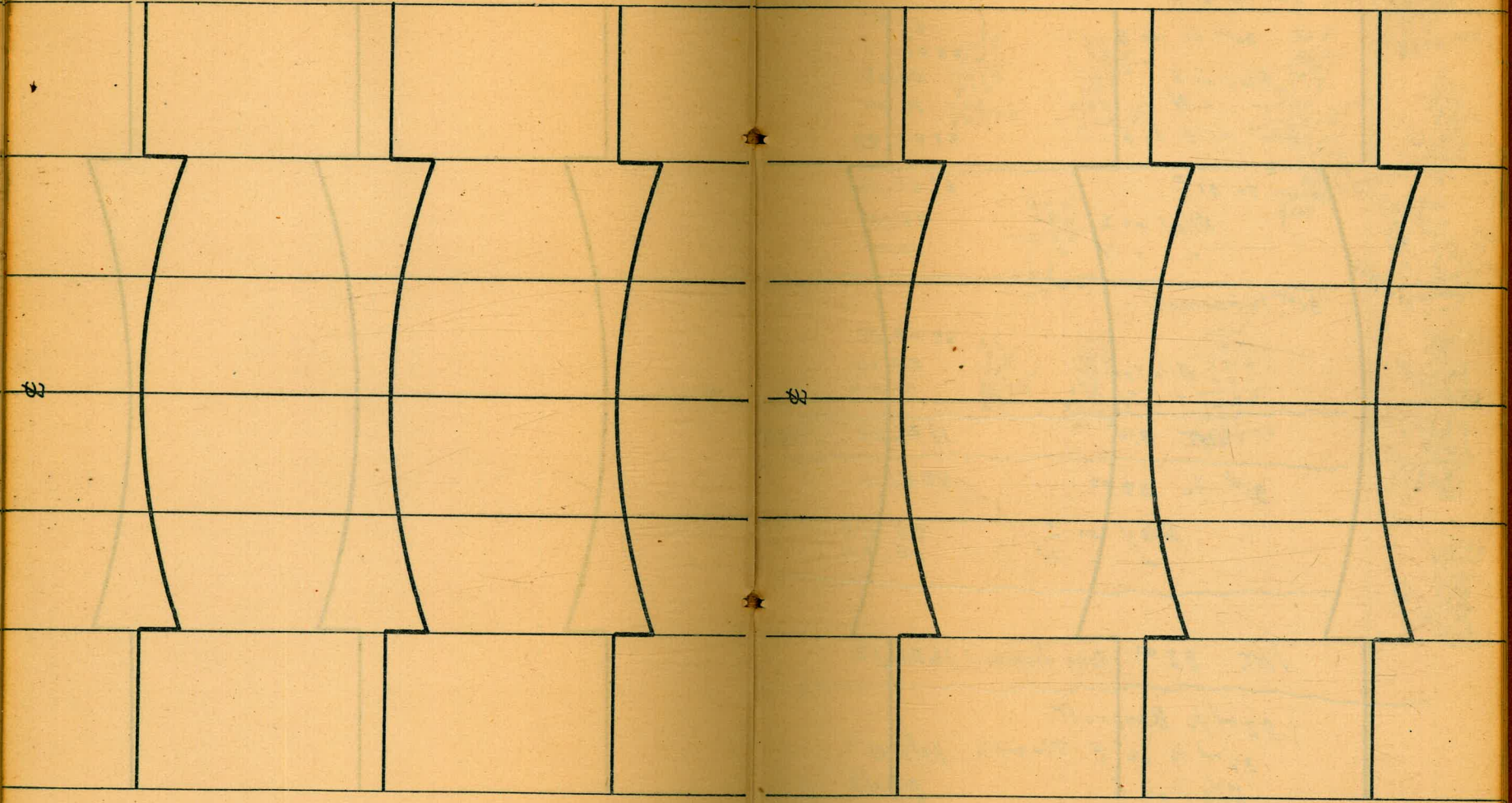




8

8





2

2

11/19/22 *Gregory* Final Estimate Upas St Paving
30th to Bancroft

23.5
6
141.0

5315
65
11815
59.07
235
29535
17721
11814
7388.48

From 30th to 100 E

<p>148 567 1036 888 740 83926</p>	<p>30th to 100 E Alley on S H from 100 E to 61st</p>	<p>67 2360 84.62 10.00 3899.90</p>	<p>169 567 1048 894 745 84483</p>	<p>266 23.5 1330 798 532 62519</p>	<p>353 567 2471 2118 1765 200.51 3204 2388.15 3578 1656.12</p>	<p>17 18 1.30 2.00 2.90 4.00 5.3 6.8 8.5 10.37 2961.0 589.68 43.55 3636.78</p>
<p>567 15 2535 57 86.7 3899.00</p>	<p>61st to 31st Alley on S H</p>	<p>6268.16 85.75 10.00</p>	<p>204 23.5 1020 612 408 4794.0</p>	<p>104 22 126 23.5 650 378 2961.0</p>	<p>17 18 1.30 2.00 2.90 4.00 5.3 6.8 8.5 10.37 2961.0 589.68 43.55 3636.78</p>	
<p>1624 24 9950 19335 3050 379900</p>	<p>31st to Herman Alley on S H</p>	<p>6243.11 85.75 10.00</p>	<p>61 67 455 390 43.55</p>	<p>104 567 728 624 500 589.68</p>	<p>104 22 126 23.5 650 378 2961.0</p>	
<p>2656 236 15956 7968 53 6568.16</p>	<p>INT 31st 31st to 32nd Alley on S H</p>	<p>1829.62 6251.0 84.48 10.00</p>	<p>see back page</p>			
<p>46510 2355 13255 13255 7955 5302 43108</p>	<p>INT 32nd taken diagonally 32nd to Bancroft 32nd to 12 E Triangle Alley on S H 204 INT Bancroft</p>	<p>1656.12 141.0 84.48 10.00 4794.00 3636.78</p>				

Gregory Sewer Change & at
 Moore Albert St
 Ellis from 130 N. of Vpas to N.L. Myrtle
 Shaw

290.50
 1.62
 288.88
 3.64
 292.52

980

4 | 3.82
 96
 192.00
 11400

1120
 2770

76

Station	Grade	Grade	Grade	Grade	Grade
130 N. of N.L. Vpas = 0+00	960	282.20	282.20	= bottom present pipe	
0+50	3.30	289.17	281.25	7.92	
1+00	4.33	288.14	280.38	+7.84	
1+50	5.45	287.02	279.36	+7.67	
T.P.	2.96 288.23	7.20	285.27		
2+00	2.96	285.27	278.40	+6.87	
2+50	5.48	282.75	277.45	+5.30	
3+00					
3+50					
4+00					
4+50					
5+00					
5+50					
6+00					
6+50					
7+00					
7+50					
8+00					
8+50					
9+00					
9+50					
10+00					

$\frac{2620}{869}$
 $\frac{22269}{250.00}$
 $\frac{25081}{1291}$
 $\frac{23790}{0.60}$
 $\frac{23850}{2223}$
 $\frac{572}{549}$
 $\frac{574}{529}$
 $\frac{558}{679}$
 $\frac{542}{849}$
 $\frac{50}{1269}$
 $\frac{24378}{7.03}$
 $\frac{24134}{247}$
 $\frac{23333}{5.17}$
 $\frac{2532}{267}$
 $\frac{2235}{449}$
 $\frac{222}{599}$
 $\frac{360}{017}$
 $\frac{115}{196}$
 $\frac{800}{803}$
 $\frac{017}{850}$

75 $\frac{6.00}{60}$ 08 100 1.200
 112
 30
 15
 150
 257.7
 32
 55.5
 86) 17
 10933
 18
 75 $\frac{7.00}{675}$ 4665
 250 933
 13795

$\frac{2621}{122}$
 $\frac{2299}{836}$
 $\frac{22763}{1191}$
 $\frac{23954}{207}$
 $\frac{23747}{1166}$
 $\frac{24913}{24913}$
 $\frac{229}{22450}$
 $\frac{22}{24145}$
 $\frac{415}{768}$
 $\frac{4281}{532}$
 $\frac{415}{333}$
 $\frac{017}{17}$
 $\frac{435}{217}$
 $\frac{24362}{255}$

101) 170
 101
 690 446
 606 243.57
 840
 808
 320
 476
 101
 15
 86
 96) 1700
 96
 740
 602
 17708

$\frac{27886}{860}$
 $\frac{28746}{171.8}$
 $\frac{253}{8493}$
 $\frac{253}{101212}$
 $\frac{28483}{80}$
 $\frac{28211}{41}$
 $\frac{28341}{28270}$
 $\frac{28200}{28200}$
 $\frac{28129}{28059}$
 $\frac{28000}{28000}$
 $\frac{2142}{2324}$
 $\frac{2324}{5413}$
 $\frac{59304}{59304}$
 $\frac{14108}{1368}$
 $\frac{420}{344}$
 $\frac{420}{78}$
 687

58560

$\frac{1683}{15}$
 $\frac{8415}{1683}$
 $\frac{1683}{25245}$
 $\frac{22532}{24134}$
 $\frac{46666}{20000}$
 $\frac{17708}{15}$
 $\frac{88540}{17708}$
 $\frac{680}{672}$
 $\frac{672}{900}$
 $\frac{75}{75}$
 37) 1520
 155

$\frac{27696}{346}$
 $\frac{28042}{944}$
 $\frac{27098}{093}$
 42.27121
 $\frac{630}{661}$
 $\frac{7686}{356}$
 $\frac{7593}{449}$
 $\frac{75}{542}$
 $\frac{1344}{698}$
 $\frac{7188}{854}$
 $\frac{7188}{03}$
 $\frac{7149}{42}$
 $\frac{7088}{103}$
 $\frac{7299}{742}$
 $\frac{7091}{945}$
 $\frac{7150}{41}$
 $\frac{7096}{95}$
 $\frac{7102}{89}$
 $\frac{7052}{139}$
 $\frac{26855}{336}$
 $\frac{7007}{184}$
 $\frac{270}{2944}$
 $\frac{197}{197}$

$\frac{6820}{361}$
 10.97
 $\frac{6503}{628}$
 $\frac{6900}{411}$
 65.0
 $\frac{265}{691}$
 $\frac{6608}{583}$

$\frac{7097}{6503}$
 $\frac{13660}{6820}$
 $\frac{7097}{94}$
 $\frac{6207}{984}$
 $\frac{62}{791}$
 $\frac{660}{630}$
 $\frac{300}{210}$
 $\frac{900}{900}$
 $\frac{6063}{62}$
 $\frac{6029}{6029}$
 $\frac{320}{2580}$
 $\frac{3000}{2580}$

$\frac{7088}{653}$
 $\frac{13638}{6819}$
 $\frac{120}{3440}$
 $\frac{340}{800}$
 $\frac{312}{156}$
 $\frac{403}{202}$
 $\frac{103}{103}$
 $\frac{85}{560}$
 $\frac{510}{520}$
 $\frac{520}{750}$
 $\frac{750}{700}$
 $\frac{106588}{79}$
 $\frac{270.00}{26997}$
 $\frac{270.48}{27097}$

$\frac{7096}{2944}$
 $\frac{1178}{250}$
 $\frac{325}{309}$
 $\frac{85}{610}$
 $\frac{595}{140}$
 $\frac{85}{630}$
 $\frac{2944}{1178}$
 $\frac{2350}{325}$
 $\frac{95}{560}$
 $\frac{475}{850}$
 $\frac{460}{900}$
 $\frac{10589}{10589}$

$\frac{27088}{7149}$
 $\frac{71387188}{71387188}$
 $\frac{421}{85}$
 $\frac{26608}{7102}$
 $\frac{53710}{26856}$
 $\frac{5303}{425}$
 $\frac{26665}{10606}$
 $\frac{21330}{22814}$
 $\frac{610}{521}$
 $\frac{850}{860}$
 $\frac{10581}{0533}$
 $\frac{700}{105}$
 $\frac{560}{521}$
 $\frac{350}{311}$
 $\frac{251}{251}$
 $\frac{7096}{7142}$
 $\frac{7188}{7188}$
 $\frac{5333}{5333}$

W 2 Park 299.05	298.80					
0+00	298.71	298.46		298.40	298.63	W.H.
				298.25		# EC.
0+50	298.01	297.76		297.71	297.96	
1+00	297.30	297.05		297.02	297.27	
1+50	296.60	296.35		296.33	296.58	
1+94.95	296.20	296.00	alley			
2+00	295.90	295.65		295.64	295.89	
X 40	295.14	295.55	alley	295.25	295.40	X tic
2+46.44	295.25	295.00		295.0	295.26	
				Alley = 294.54		
3+00	292.20	291.95		291.95	292.20	
3+45	289.64	289.39		289.39	289.64	
<p>456 298.38 SW cor. Park Park B.P.</p> <p>300.84 Top H/d. 3E c/press + Park Blvd.</p>						
210 302.74	299.05 389	298.71 42	298.01 49	297.50 56	296.6 63	295.90 70
		+1.2	+0.1	+0.0	+0.5	+1.6
6.20 6.20	298.65 4.29	297.96 4.98	297.27 4.7	296.57 5.2	295.89 5.9	33 7.8
298.38 301.45	298.6 287	295.25 7.7	292.2 10.7	299.64 133	298.6 113	295.90 113
		+1.6	+3.1	+2.0		
298.38 301.45	295.25 7.7	292.2 10.7	299.64 133	298.6 113	298.6 113	295.90 113
		+0.7	+1.2	+1.7	+1.0	+1.2
298.38 301.45	295.25 7.7	292.2 10.7	299.64 133	298.6 113	298.6 113	295.90 113
		+0.7	+1.2	+1.7	+1.0	+1.2
298.38 301.45	295.25 7.7	292.2 10.7	299.64 133	298.6 113	298.6 113	295.90 113
		+0.7	+1.2	+1.7	+1.0	+1.2
298.38 301.45	295.25 7.7	292.2 10.7	299.64 133	298.6 113	298.6 113	295.90 113
		+0.7	+1.2	+1.7	+1.0	+1.2
298.38 301.45	295.25 7.7	292.2 10.7	299.64 133	298.6 113	298.6 113	295.90 113
		+0.7	+1.2	+1.7	+1.0	+1.2

80

01379
1379
1379
15169

29880
0400
29840

29838
265
301.03

29796
307
+1.5

29747
376
+0.8

29655
445
+0.5

29569
514
+1.8

29527
578
+0.5

29420
643
+1.1

29332
712
+0.6

29244
781
+0.7

29156
850
+0.8

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919
+0.9

28980
988
+1.0

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+1.1

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1126
+1.2

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1195
+1.3

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1264
+1.4

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+1.5

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1402
+1.6

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1471
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1540
+1.8

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1609
+1.9

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1678
+2.0

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1747
+2.1

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1816
+2.2

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1885
+2.3

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1954
+2.4

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2023
+2.5

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+8.6

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+9.5

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+9.6

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6991
+9.7

21236
7060
+9.8

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7129
+9.9

21060
7198
+10.0

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+10.1

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20444
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+10.9

20180
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+11.0

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7957
+11.1

20004
8026
+11.2

19916
8095
+11.3

19828
8164
+11.4

19740
8233
+11.5

19652
8302
+11.6

19564
8371
+11.7

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8440
+11.8

19388
8509
+11.9

19300
8578
+12.0

19212
8647
+12.1

19124
8716
+12.2

19036
8785
+12.3

18948
8854
+12.4

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8923
+12.5

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8992
+12.6

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12580
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12649
+17.9

14020
12718
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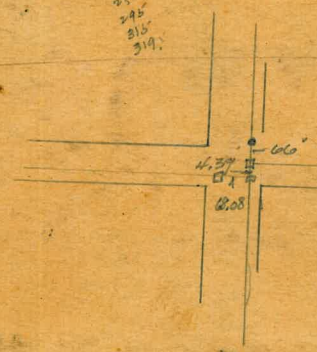
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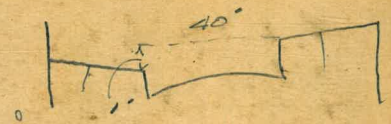
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