

University Ave Regrade

NAME Rolando 4-5-6-7

Class \_\_\_\_\_ Course \_\_\_\_\_ Party \_\_\_\_\_

WATSON, VALLE & GOUGH

481

1915

# FIELD NOTES

No. 403P

ESPECIALLY ADAPTED

TO THE USE OF

ENGINEERING STUDENTS

EUGENE DIETZGEN Co.

MANUFACTURERS

DRAWING MATERIALS

MATHEMATICAL AND SURVEYING INSTRUMENTS

MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK  
NEW ORLEANS PITTSBURGH



MICROFILMED

1964

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PROFILE & X-Sections - 1-18

Detail Intersection - 18



PROFILE E-X- Section  
University Ave.

①

Sta.	+	H.I.	-	Elev.
B.M.	4.39	363.64		359.25
0			9.55	54.09
	2.08	356.17		
4+00				
②			7.56	348.61
15' Left			7.63	348.54
19' "			8.0	348.17
23' "			5.7	350.47
38' "			3.6	352.57
53' "			1.9	354.27
150' "			+6.5	362.67
15' Right			7.74	348.43
28' "			8.3	347.87
42' "			12.3	343.87
53' "			13.1	343.07
65' "			13.8	342.37
69' "			13.1	343.07
81' "			13.6	342.57
86' "			15.8	340.37
100' "			16.1	340.07
115' "			15.5	340.67
129' "			16.1	340.07
150' "			18.1	338.07

Station - 4+00

Intersection Bonillo & University - See Book - 265



PROFILE a X-sections

②

Sta.	H.I.	-	Elev.
4+50	356.17		
⊕		6.21	349.96
15' <u>Left</u>		6.32	349.85
19' "		6.57	349.67
25' "		3.0	353.17
150' <u>Left</u>		<b>+7.3</b>	363.47
15' <u>Right</u>		6.37	349.80
25' "		6.6	349.57
36' "		10.4	345.77
64' "		12.9	343.27
85' "		13.3	342.87
96' "		15.6	340.57
105' "		15.7	340.47
109' "		15.1	341.07
126' "		16.8	<del>339.37</del> 349.37
150' <u>Right</u>		20.0	336.17
4+50			
500			
⊕		4.72	351.45
15' <u>Left</u>		4.88	351.29
19' "		4.9	351.27
25' "		0.0	356.17
150' "		<b>+8.0</b>	364.17



X- Sections

Sta.	H.I.	-	Elev.
5400	356.17		
15' - Right		4.84	351.33
23' - "		4.5	351.67
38' - "		7.9	348.27
61' - "		9.6	346.57
69' - "		11.5	344.67
104' - "		13.4	342.77
150' - Right		18.0	338.17
v. 5400			



X-SectionsStation 5+50

(4)

Sta.	H.I.	-	Elev.
5+50 ④	356.17		
15'-Left		3.36	352.81
19'- "		3.48	352.69
29'- "		3.3	352.87
150'- "		+1.8	357.97
		+7.9	364.07
15'-Right		3.41	352.76
27'- "		3.0	353.17
39'- "		6.4	349.77
90'- "		11.8	344.37
138'- "		12.6	343.57
150'- "		15.0	341.17
5+50			



X-sections

Sta. 6+00

Sta. + Hgt. - Elev.

356.17

6+00

⊕

1.98 354.19

15' Left

2.08 354.09

19' "

2.0 354.17

28' "

+0.6 ~~356.77~~

150' Left

+4.6 360.77

15' Right

2.09 354.08

28' "

1.5 354.67

62' "

6.4 349.77

87' "

9.3 346.87

95' "

11.3 344.87

150' Right

12.7 343.47

6+00

⊙

1.42 354.75

r 8.53 363.28

5

⊕



Sta. 6+50

(6)

6+50

Sta.

H.I.

-

Elev.

363.28

6+50

⊕

7.58 355.70

15'-Left

7.74 355.54

88'-"

7.0 356.28

128'-"

6.2 357.08

150'-"

**+5.4** 368.68

15'-Right

7.74 355.54

18'-"

7.9 355.38

35'-"

14.2 349.08

86'-"

15.4 347.88

98'-"

18.2 345.08

150'-"

19.5 343.78

6+50

⊗



Sta. 7+00

(7)

Sta. + H.I. - Elev.  
363.28

7+00  
⊖

6.30 356.98  
6.36 356.92  
6.5 356.78  
4.5 358.78

15' Left  
77' "  
150' "

15' Right

6.45 356.83  
6.6 356.68  
10.6 352.68  
11.6 351.68  
15.5 347.78  
18.0 345.28  
17.6 345.68  
16.9 346.38  
19.6 343.68  
20.0 343.38

25' "  
35' "  
56' "  
98' "  
105' "  
122' "  
128' "  
136' "  
150' Right

7+09



Sta. 7+50

8

Sta.	+	H.I.	-	Elev.
7+50		363.28		
⊕			4.91	358.37
15'-Left			5.05	358.23
150'-"			4.3	358.98
15'-Right			5.02	358.26
72'-"			6.0	357.28
97'-"			10.0	353.28
115'-"			17.0	346.28
131'-"			17.0	346.28
148'-"			19.7	343.58
200'-"			21.3	341.98
7+50				

⊕



Sta. 8+00

(9)

Sta.	+	H.I.	-	Elev.
		363.28		
8+00				
↑				
②			3.41	359.87
15'- Left			3.52	359.76
18'- "			3.4	359.88
26'- "			2.0	361.28
55'- "			1.8	361.48
150- Left.			2.7	360.58
15'- Right			3.56	359.72
102'- "			6.0	357.28
122'- "			16.4	346.88
136'- "			17.4	345.88
148'- "			20.4	343.88
200'- Right.			22.5	340.78
↓ 8+00				

(+)



Sta. - 8+50

(10)

Sta.	+	H.I.	-	Elev.
		363.28		
8+50				
②			2.00	361.28
15'-Left			2.17	361.11
55'-"			1.2	362.08
150'-"			1.7	361.58
15'-Right			2.15	361.13
105'-"			5.0	358.28
126'-"			17.0	346.28
139'-"			16.0	345.28
156'-"			20.5	342.78
165'-"			20.4	342.88
220'-Right.			23.5	339.78

v 8+50

(+)



Sta. - 9+00

Sta. + H.I. - Elev.  
363.28

9+00

②

0.65 362.63

15' Left

0.77 362.51

55' "

0.4 362.88

150' "

+0.4 363.32

15' Right

0.77 362.51

112' Right

3.7 359.58

133' "

16.5 346.78

157' "

17.8 345.48

165' "

20.0 343.28

187' "

19.0 344.28

197' "

22.5 340.78

212' Right

23.0 340.28

9+00

①

0.37 362.91

765 370.56



Sta - 9+50

(12)

Sta.	+	H.I.	-	Elev.	
		370.56			
9+50					
↑					
⊕			6.51	364.05	
15'-Left			6.70	363.86	
107'-"			5.6	364.96	
150'-"			6.0	364.56	⊕
15'-Right			6.65	363.91	
115'-"			9.2	361.36	
134'-"			22.3	348.26	
164'-"			24.0	346.56	
174'-"			26.4	344.16	
196'-Right			25.0	345.56	
√ 9+50					



Sta. 10+00

(13)

Sta. + H.I. - Elev.  
370.56

10+00  
↑

④

15' Left	5.23	365.33
55' "	5.36	365.20
100' "	4.3	366.26
150' "	3.6	366.96
150' "	4.2	366.36

15' Right	5.36	365.20
120' "	8.3	362.26
140' "	21.5	349.06
156' "	22.0	348.56
160' "	21.0	349.56
180' "	25.0	345.56
193' "	25.0	345.56
210' "	23.0	347.56

↓ 10+00

⑦



Sta. 10+50

(14)

Sta.	+	H.I.	-	Elev.
		370.56		
10+50				
⊕			4.33	366.23.
15' left.			4.50	366.06.
150' "			2.6	367.96
15' Rf.			4.48	366.08
130' "			7.8	362.76
149' -			21.0	349.56.
162' -			22.0	348.56
168' -			21.0	349.56
186' -			23.4	347.16.
214' -			22.2	348.36
√ 10+50				

(7)



Sta - 11+00

(15)

Sta.	+	H.I.	-	Elev.
11+00		370.56		
⊕			4.11	366.45
15' Left			4.20	366.36
55'			3.5	367.06
150' "			2.0	368.56
15' Right			4.34	366.22
135' "			7.5	363.06
156' "			21.0	349.56
169' "			22.3	348.26
173' "			21.0	349.56
188' "			22.5	348.06
198' "			21.5	349.06
216' "			24.0	346.56
√ 11+00				

(X)



Sta. 11+50

(16)

Sta. + H.I. - Elev  
370.56

11+50

9'

4.55 366.01

15' - Left

4.71 365.85

97' - "

4.4 366.36

150' - Left

2.5 368.06

15' - Right

4.72 365.84

137' - "

6.8 363.76

161' - "

21.7 348.86

176' - "

22.4 348.16

180' - "

20.7 349.86

208' - "

19.6 350.96

220

23.3 347.26

11+50



Sta. 12+00

(17)

Sta.	+	H.I.	-	Elev
		370.56		
12+00				
⊕			5.72	364.84
15'-Left			5.84	364.72
71'-"			4.5	366.06
150'-Left			2.8	367.76
15'-Right			5.85	364.71
135'-"			8.0	362.56
149'-"			15.0	355.56
160'-"			17.0	353.56
178'-"			22.2	348.36
187'-"			22.6	347.96
187'-"			20.3	350.26
202'-"			21.0	349.56
235'-"			22.4	348.16
√12+00				

(X)



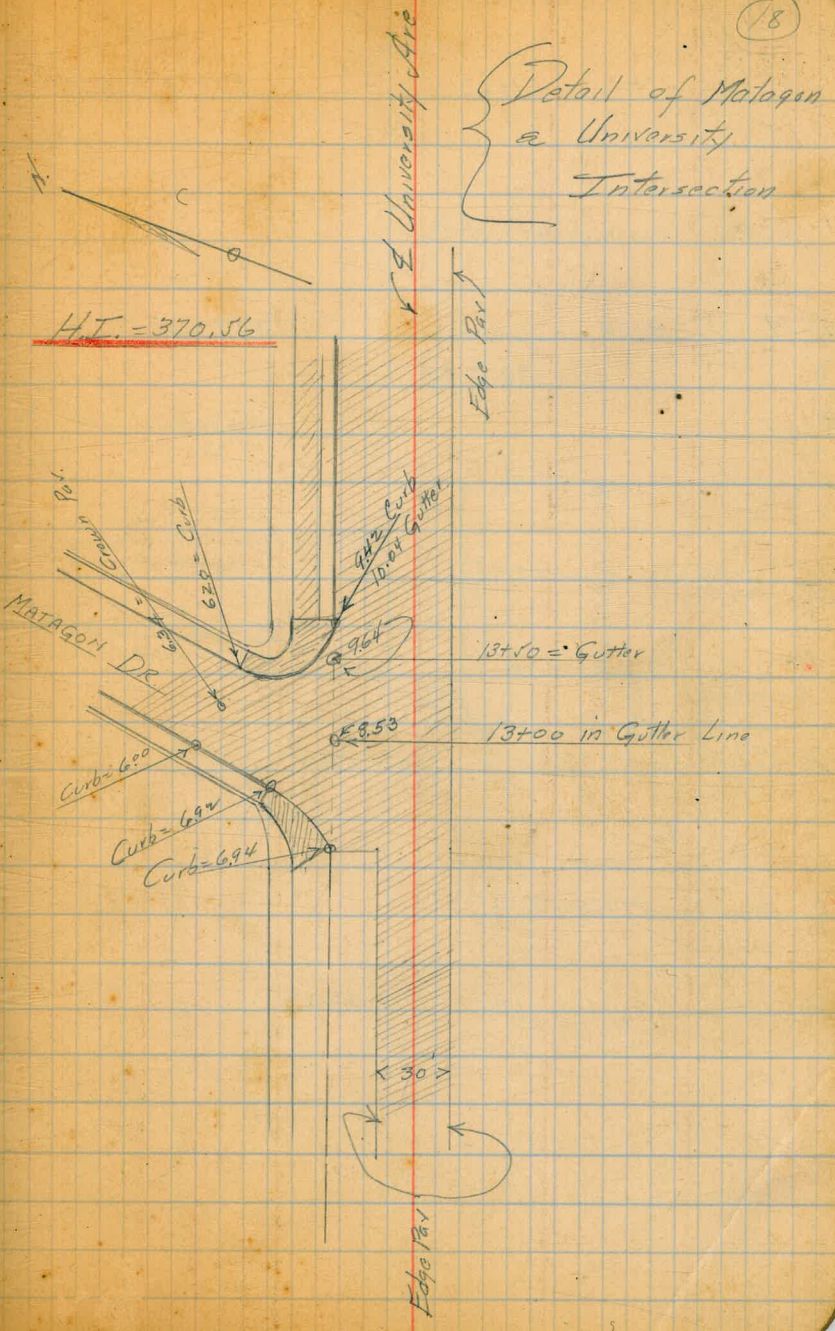
Sta. 12+50

(18)

Sta.	+	H.I.	-	Elev.
		370.56		
12+50	⊕		7.00	363.56
	N-Left.		7.05	363.51
	150'-Left.		3.2	367.36
	15'-Right.		7.26	363.30
	134'- "		8.5	362.06.
	147'- "		16.8	353.76.
	169'- "		18.6	351.96.
	175'- "		22.3	348.26.
	190'- "		22.6	347.96.
	192'- "		20.5	350.06.
	230'- "		22.7	347.86.

Profile of

13+00	⊕	8.40	362.16
13+50	⊕	9.46	361.10
14+00	⊕	9.81	360.75
14+50	⊕	9.46	361.10
15+00	⊕	8.52	362.04
15+50	⊕	7.18	363.38





# Elevations Filling Station

+ H.I - Elev

B.M. 3.18 359.25

362.43

See Book # 265

357.72

4.71 = Platform Elev

5.6 = Ground "

356.8

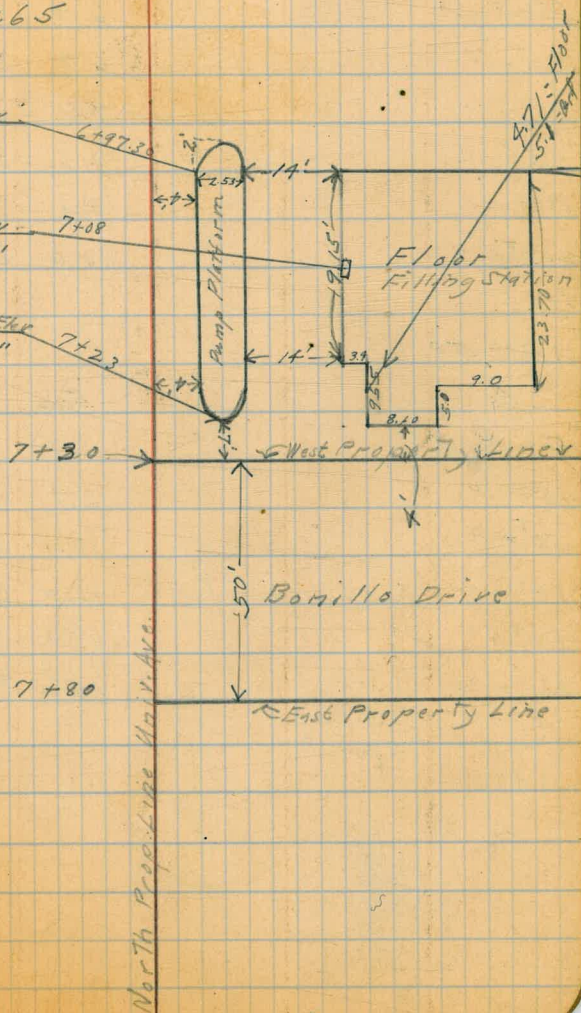
4.70 = Floor Elev 7+08

5.4 = Ground "

4.70 = Platform Elev

5.3 = Ground "

Note: Not Drawn to Scale.





Profile + X-secs  
University Ave

Sta	+	H.I	-	Elev
B.M	3.02	347.39		344.37

See Book # 470  
P.M. on Sewer cut stake University + Cartagena Page 30

-1+00

£		6.3	341.1
15'- Right		6.4	341.0
20'- "		6.7	340.7
26'- "		9.6	337.8
95'- "		12.6	334.8
130'- "		19.6	327.8
200'- "		20.0	327.4

-0+50

£		5.2	342.2
15'- Right		5.3	342.1
20'- "		5.4	342.0
50'- "		10.1	337.3
84'- "		12.0	335.4
110'- "		17.4	330.0
200'- "		18.0	329.4



Sta	H.I	Elev
	347.39	
0+00		
±	4.2	343.2
15'-Right	4.3	343.1
20'- "	4.6	342.8
71'- "	6.4	341.0
85'- "	12.2	335.2
102'- "	17.8	329.6
190'- "	17.9	329.5
200'- "	21.4	326.0
0+50		
±	3.1	344.3
15'-Right	3.2	344.2
20'- "	3.5	343.9
64'- "	6.4	341.0
93'- "	12.0	335.4
117'- "	17.4	330.0
160'- "	17.4	330.0
165'- "	21.1	326.3
200'- "	18.8	328.6

Note: 0+00 = stationing Univ. Arc according to Plans  
 Rolando 4 & 5 <sup>West</sup> ~~Also~~ Boundary Rolando 5.

Bank of creek  
 Bottom of creek  
 " " "



Sta	+	H.I	-	Elev
		347.39		
1700				
£			2.3	345.1
15'-Right			2.4	345.0
20' - "			2.6	344.8
54' - "			4.0	343.4
69' - "			10.6	336.8
108' - "			16.9	330.5
150' - "			17.0	330.4
155' - "			20.0	327.4
200' - "			18.1	329.3

Bank Creek  
Bottom "

1750				
£			1.8	345.6
15'-Right			1.9	345.5
20' - "			2.2	345.2
57' - "			3.7	343.7
67' - "			7.3	340.1
105' - "			15.2	332.2
155' - "			16.1	331.3
163' - "			19.0	328.4
200' - "			17.6	329.8

Bank of creek  
Bottom of "  
" " "



Sta	+	H.I	-	Elev
		347.39		
2+00				
£			1.6	345.8
15' - Right			1.8	345.6
20' - "			2.0	345.4
100' - "			7.4	338.0
163' - "			15.5	331.9
169' - "			18.6	328.8
188' - "			20.0	327.4
200' - "			16.0	331.4
⊙			2.15	345.24
	7.45	352.69		

2+50				
£			6.7	346.0
15' - Right			6.8	345.9
20' - "			7.0	345.7
59' - "			8.6	344.1
71' - "			12.0	340.7
140' - "			16.5	336.2
162' - "			20.0	332.7
173' - "			20.0	332.7
174' - "			23.0	329.7
200' - "			23.8	328.9
215' - "			20.0	332.7

Bank of creek  
 Bottom of "  
 " " "  
 Bank of "

Bank of Creek  
 Bottom " "  
 " " "  
 Bank of Creek



Sta	H.I.	Elev
	352.69	
3+00		
£	6.1	346.6
15' - Right	6.2	346.5
20' - "	6.3	346.4
29' - "	7.0	345.7
68' - "	10.1	342.6
75' - "	12.0	340.7
145' - "	15.0	337.7
190' - "	18.7	334.0
200' - "	22.7	330.0

Bank of Creek  
Bottom " "

3+50		
£	5.3	347.4
15' - Right	5.4	347.3
20' - "	5.5	347.2
28' - "	6.1	346.6
36' - "	8.8	343.9
74' - "	10.5	342.2
79' - "	12.0	340.7
85' - "	13.6	339.1
93' - "	13.7	338.8
97' - "	13.0	339.7
153' - "	15.8	336.9
200' - "	17.3	335.4
	4.1	348.6

Check on £4+00 See Page 1 this Book.



Sta	+	H.I	-	Elev
B.M.	11.39	355.76		344.37

-1+00

15'-Left 14.7 341.1

20'- " 14.8 341.0

23'- " 12.3 343.5

50'- " 10.3 345.5

109'- " 6.0 349.8

150'- " 4.5 351.3

-0+50

15'-Left 13.6 342.2

20'- " 14.1 341.7

23'- " 10.9 344.9

50'- " 9.3 346.5

100'- " 3.0 352.8

150'- " 1.5 354.3

0+20

15'-Left 12.3 343.5

55'- " 11.5 344.3

59'- " 7.3 348.5

125'- " 0.1 355.7

150'- " +2.1 357.9



Sta	+	H.I	-	Elev.
		355.76		

0 + 60				
50' - Left			11.7	344.1
55' - "			6.8	349.0
110' - "			1.0	354.8
150' - "			+2.5	358.3
170' - "			+3.6	359.4

1 + 00				
50' - Left			7.6	348.2
100' - "			0.8	355.0
150' - "			+3.3	359.1
170' - "			+4.5	360.3

1 + 50				
50' - Left			6.4	349.4
83' - "			3.0	352.8
110' - "			+1.0	356.8
150' - "			+4.1	359.9
170' - "			+5.1	360.9

Note: See Rolando Plans for Plotting Cartagena



Sta	+	H.I	-	Elev.
		355.76		

2+00				
50'-Left			4.5	351.3
100'- "			0.8	355.0
115'- "			+1.0	356.8
150'- "			+3.7	359.5
170'- "			+5.2	361.0

0			0.37	355.39
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7.06 362.45

2+50				
50'-Left			11.3	351.2
100'- "			6.5	356.0
150'- "			2.9	359.6
170'- "			1.2	361.3

3+00				
50'-Left			11.2	351.3
100'- "			6.3	356.2
150'- "			2.8	359.7
170'- "			1.0	361.5



Sta	+	H.I	-	Elev
		362.45		

3+50

50' - Left			10.0	352.5
------------	--	--	------	-------

100' - "			4.7	357.8
----------	--	--	-----	-------

150' - "			2.1	360.4
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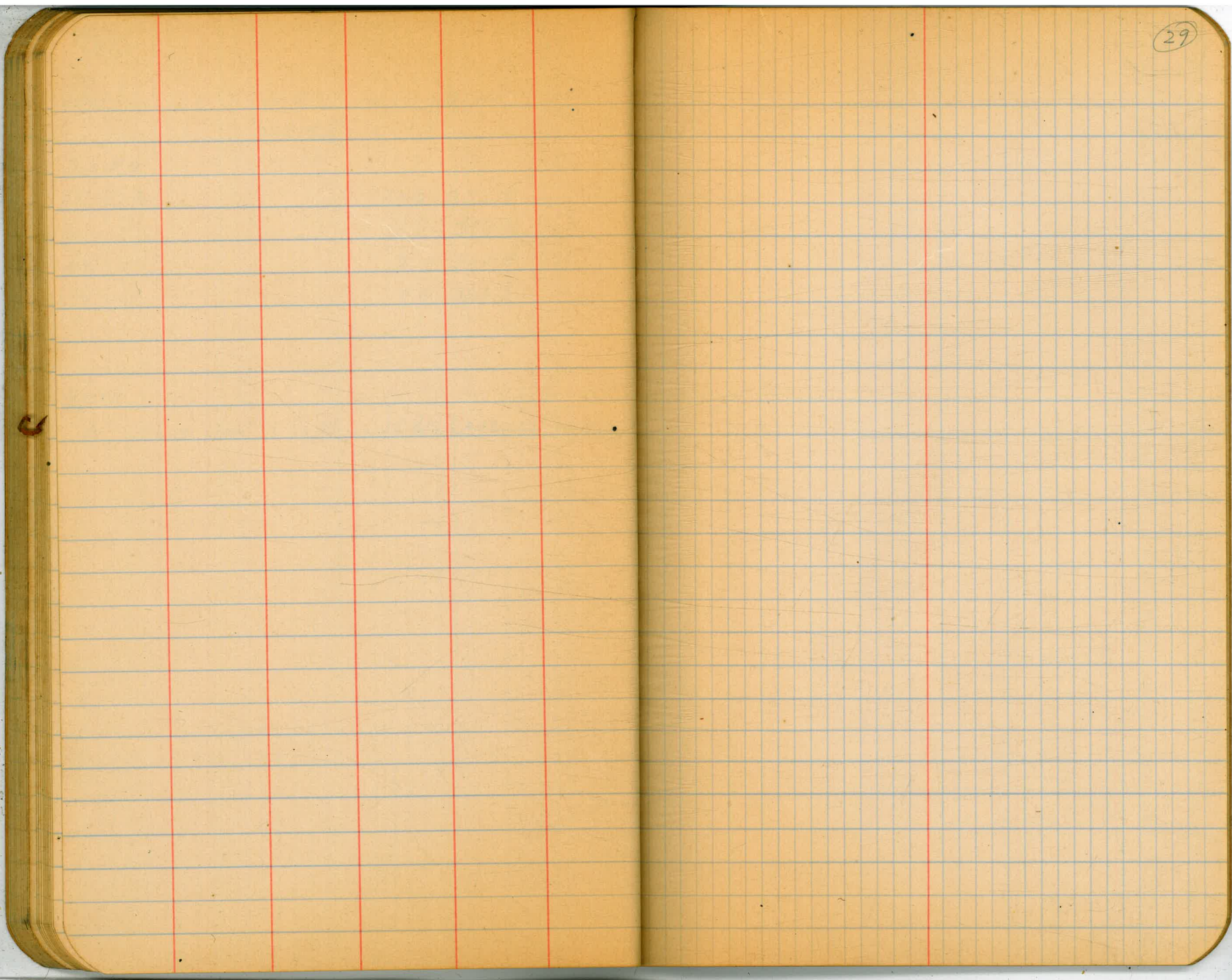
170' - "			0.0	362.5
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4+00

↳ E			13.81	348.64
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Check on E 4+00 see Page 1 This Book





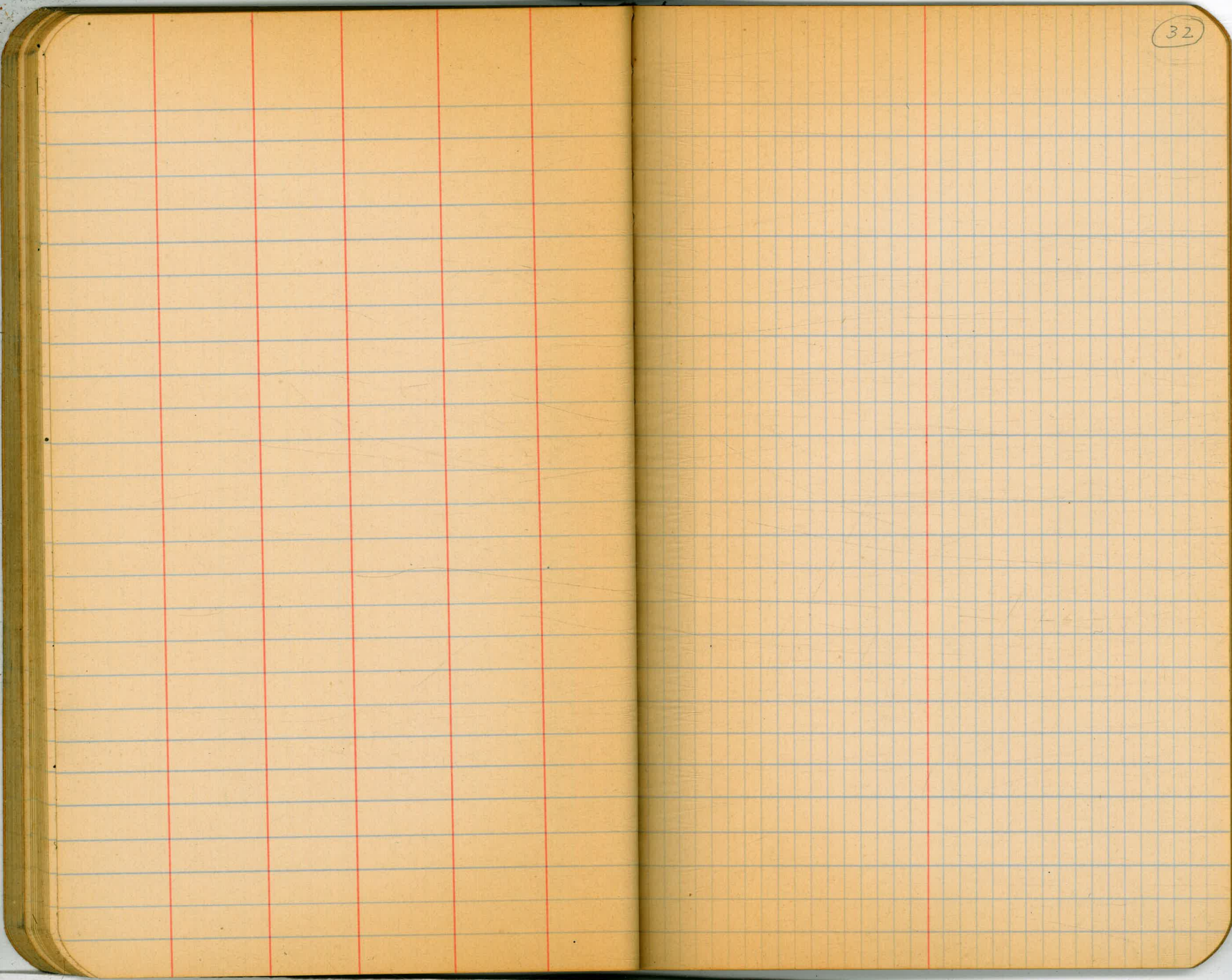








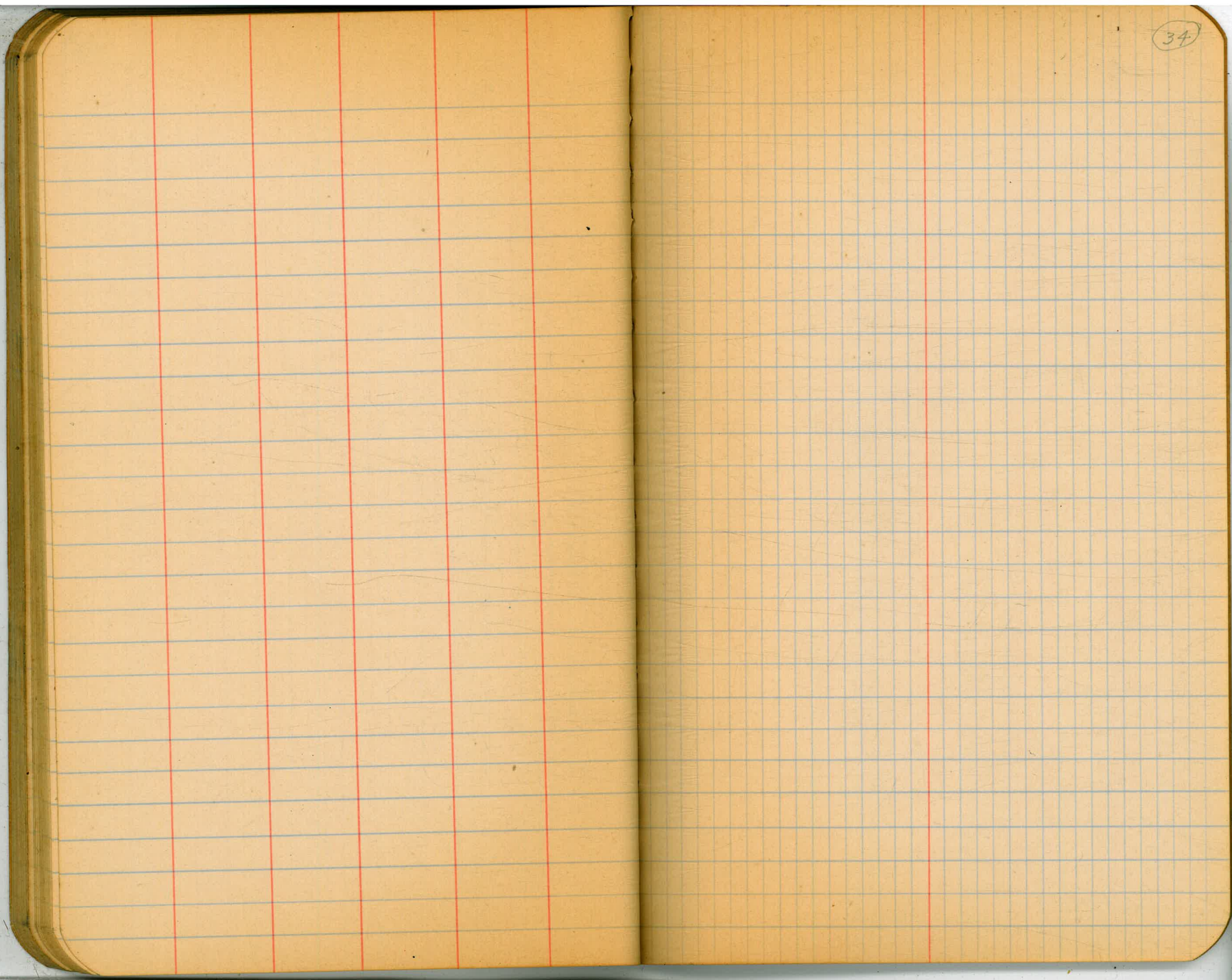




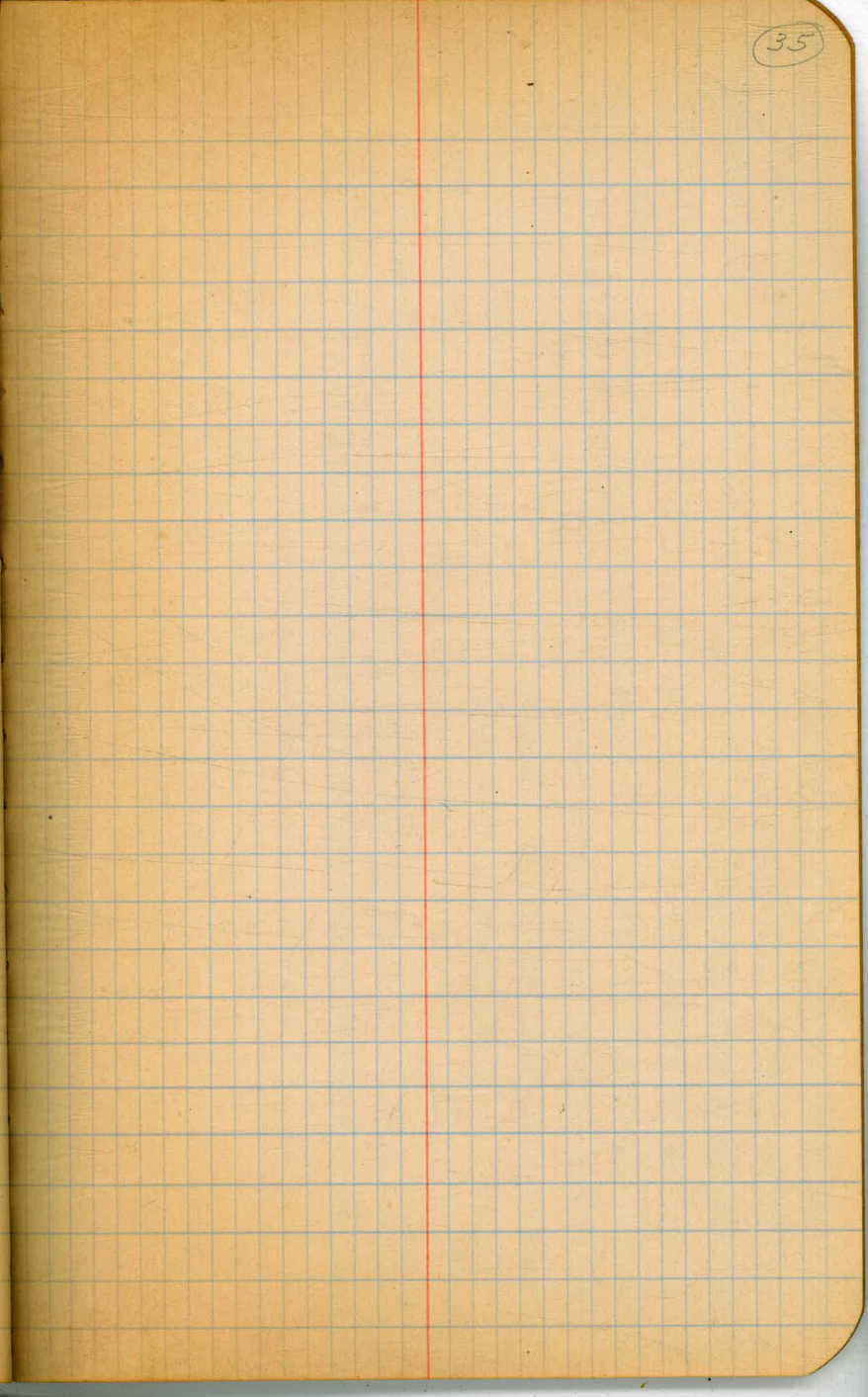
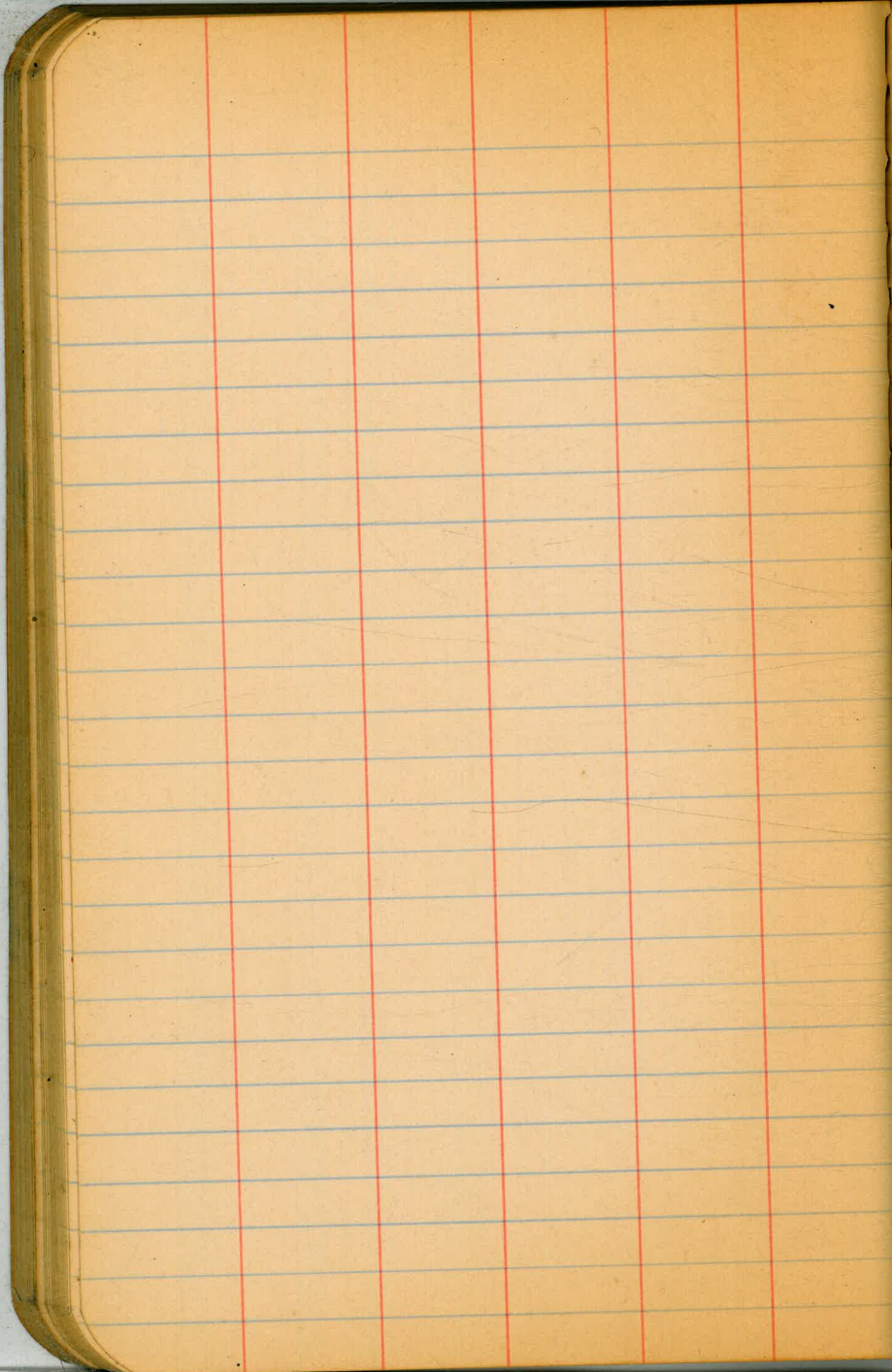














346.91  
0.77  
347.38  
49.33  
3.01

304.00  
1.39  
304.76

62.4  
48.6  
73.8

0.21  
41  
48.2



Superintendent of Work

Superintendent of Work

WATSON, VALLE & BROUGH