

11 and 14

Blind-stamped text, possibly "Blind-stamped"

9th Street

TRANSIT

11 10 and 14

F.B. 687

8th Street

able showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes.	Lks.	Minutes.	Lks.	Minutes.	Lks.
1	2½	21	49	41	95½
2	4½	22	51½	42	98
3	7	23	53¾	43	100½
4	9½	24	56	44	102½
5	11½	25	58½	45	105
6	14	26	60¾	46	107½
7	16½	27	63	47	109½
8	18¾	28	65½	48	112
9	21	29	67¾	49	114½
10	23½	30	70	50	116½
11	25¾	31	72½	51	119
12	28	32	74¾	52	121½
13	30½	33	77	53	123½
14	32¾	34	79½	54	126
15	35	35	81¾	55	128½
16	37½	36	84	56	130½
17	39¾	37	86½	57	133
18	42	38	88¾	58	135½
19	44½	39	91	59	137½
20	46¾	40	93½	60	140

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Table for Running on Slopes.

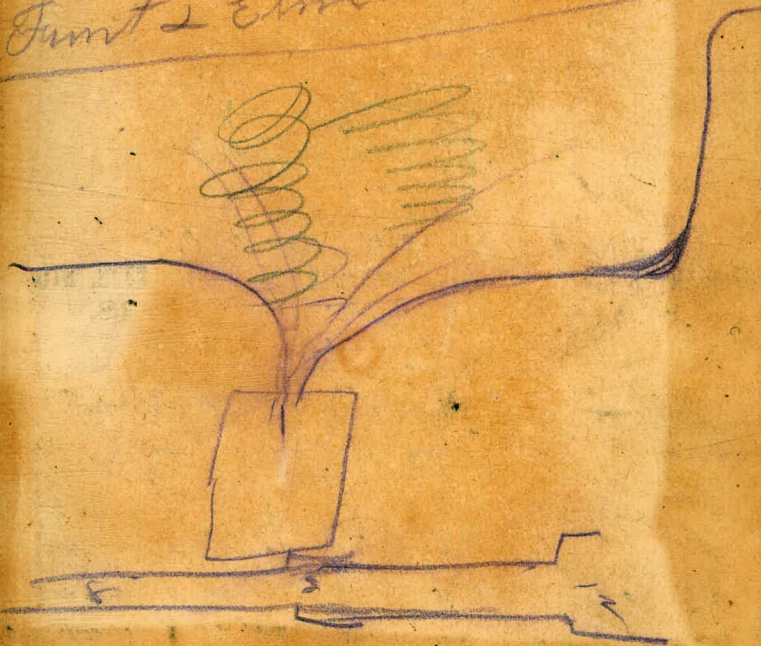
In the following table the first column shows the angle, the second, the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

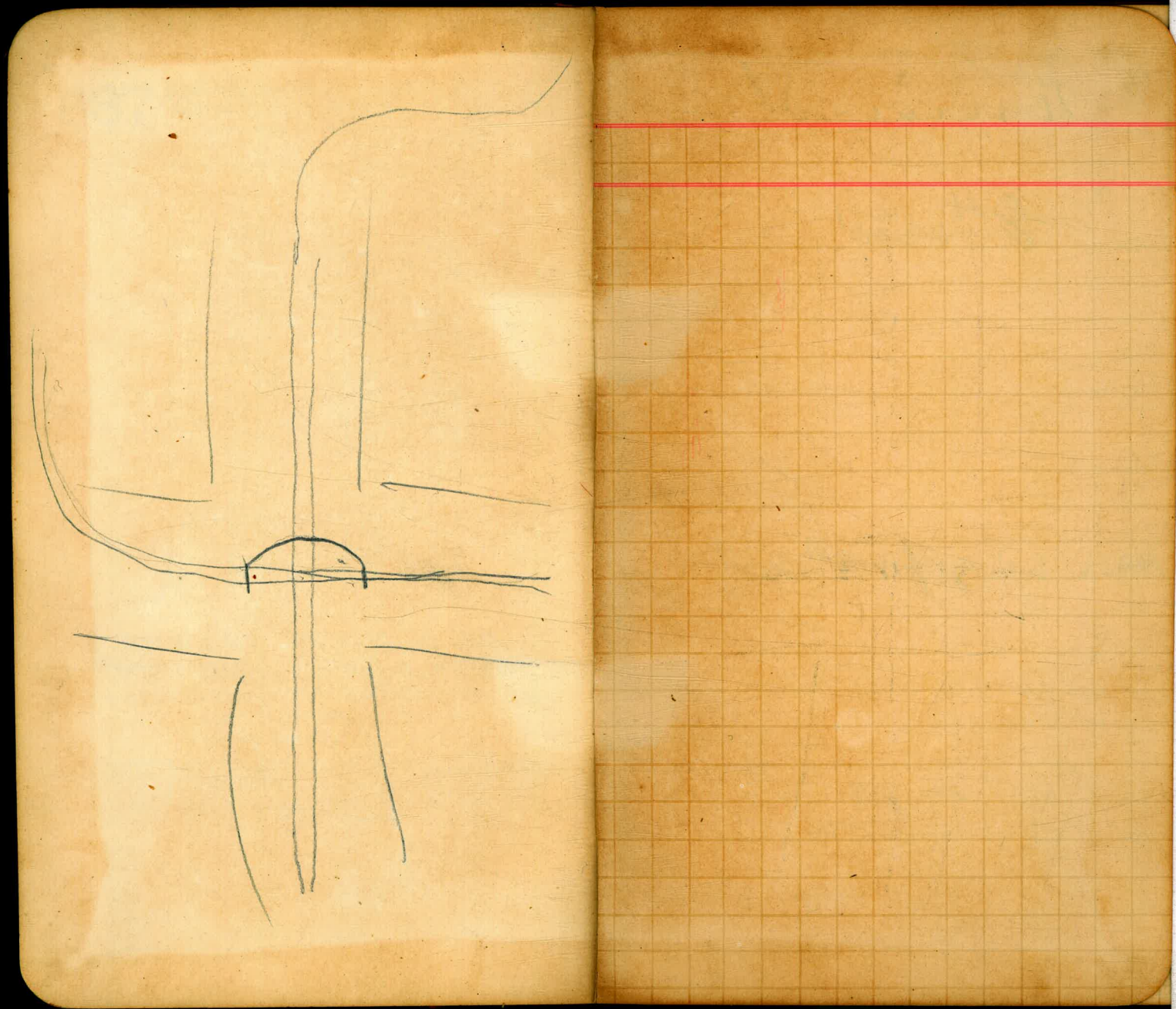
Angle.	Cor. in links	Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.
°		°		°		°	
4	0-24	11	1-88	18	5-14	25	10-54
5	0-38	12	2-24	19	5-76	26	11-26
6	0-55	13	2-63	20	6-42	27	12-24
7	0-76	14	3-06	21	7-11	28	13-37
8	0-98	15	3-53	22	7-85	29	14-34
9	1-24	16	4-02	23	8-64	30	15-47
10	1-55	17	4-56	24	9-47	35	22-07

Inspecting Tank on
Front & Beach not complete

Inspection Tank on
Front & Cedar ^{2'} not finished

Inspection Tank on
Front & Elm ^{8'} not finished





East
Union St -

1

8th sheet

04926 6m y for 8th sheet

6601 6m y on 12th

66013 6m y on 12th

West

2

66+01 6x24 by for 12⁹¹

66+13 Cornering of Paha

67+63 North by 4x15

68+99 North by 6x18 13 sheet

No Good

Eleventh Street - Page 1

3

W	E	W	E	W	E
	2+71				
2+69			5+52		
	2+46	5+58			
2+44			5+26		
	2+21	5+24			
2+19			5+02		
	1+96	5+00			
1+94			4+75	7+08	end
	1+71	4+94		7+01	
1+69			4+52	6+99	
	1+46	4+50		6+97	
1+44			4+27	6+75	
	1+21	4+25		6+52	
1+19			6+50		
	0+96	<div style="border: 1px solid black; padding: 2px; display: inline-block;">3+44 South end</div>		6+26	
0+94			6+24		
	0+71		3+21	6+01	
0+69		3+19		5+99	
	0+48		2+96	5+76	
0+46		2+94		5+74	

Taper down the
 end of pipe on 11th street then we
 start on the other side of the
 steam motor track on 11th street
 to lay pipe
 Turn to page
 2 nd

E levants at North of Sp Street

2nd
11

4

W	E	W	E
	3+25-		6+30
2+23		4+24	
	3+00		6+06
2+98		4+04	
	2+75-		5+81
2+73		5+79	
	2+50		5+56
2+48		5+54	
	2+27		5+30
2+25-		5+28	
	2+01		5+05-
1+99		5+03	
	1+75		4+80
1+74		4+78	
	1+51		
1+49			
	1+25 $\frac{1}{2}$		3+95 $\frac{1}{2}$
1+24 $\frac{1}{2}$		3+94 $\frac{1}{2}$	
	1+04		3+50
1+04		3+48	

3rd
4+00 W Street

North line of Street

W E Chworth Street

3^{ma}
4

5

9295	90	12x41 $\frac{1}{2}$	
9x93	12x99 $\frac{1}{2}$		14x90
9x10		14x88	
9x08	8x86	11x60	14x65
8x84		11x96 $\frac{1}{2}$	14x40
8x59 $\frac{1}{2}$	8x61 $\frac{1}{2}$	11x94 $\frac{1}{2}$	14x38
		11x11	14x15-
	11x09		14x10
	7x80	10x86	13x90
		10x84	13x88
	7x55-	10x61	13x65-
7x53	10x59		13x63
	7x91	10x35-	13x40
7x29	10x30		13x38
	7x05-	10x10	13x15-
7x08	10x88		13x13
	6x81	9x85-	12x91
6x79	9x89		12x89
	6x53-	9x50	12x69 $\frac{1}{2}$
6x59	9x58		12x64 $\frac{1}{2}$

9m x Street

9m
7x80

Eleven 97

4 $\frac{11}{11}$

6

	18716		211215
18714		21119	
	18791		20496
18789		20494	
	17766		20470
17764		20468	
	17741		20446
17739		20444	
	17715		20420 North line of G street
17714		20418	
	16791		
16789			
	16766		G street
16764			
	15741	19714	19716
16739			18791
		18789	
			18764
		18764	
			18741
		18739	
	15719		

Imp
15740

H street

Imp
19740

Eleventh

5-15/11 page

7

North line	24+02	25+51
	24+00	26+49
		26+25
		26+24
line of map	23+20	26+00
	11-21 + Feet	25+98
	22+96	25+76
	22+94	25+74
	22+90	25+50 1/2
	22+68	25+48 1/2
	22+40	25+25
Elroy	22+36	25+20
Canros	22+20	25+11
Cats	22+18	24+99
barber	21+96	24+79 1/2
	21+94	24+74 1/2
	21+70	24+51
	21+68	24+49
	21+45	24+26
211	21+40	24+24

Eighth street

	29+54		
29+54			32+85
	29+01	32+34	
29+29			32+102
	29+05	32+08	
29+08			31+85
	28+81	31+84	
28+99			31+60 North line D street
	28+55	31+58	
28+54			
	28+30		South side D street line of property
28+28			
	28+06		30+55
28+04		30+54	
	27+81		30+31 1/2
27+99		30+29 1/2	
			30+06
	26+95		30+04
26+93		29+99	

27+00

0
Cleveland Street

9

South side of C Street on the line of property

34x60		87x15
34x33	34x35	86x90
34x09	34x11	86x44
33x82	33x84	85x40
33x58	33x60	85x38
33x33	33x35	85x14
33x09	33x11	85x88
32x84	32x86	85x41
32x58	32x60	85x39
	34x79½	

North line of C Street

6^m of C Street running East

Eleventh Street

W ^E
39+90

39+68

39+46

39+44

39+21

39+19

38+60 6m by East for B shed

South side B side

38+40

38+15-

38+10

37+85-

37+80

37+66

37+64

37+41

37+39

37+25 1/2 Extra 4m west side

Eleventh street

42+18 end of pipe on Eleventh

41+98

41+94

41+90

41+68

41+46

41+44

41+21

41+19

40+98

40+94

40+71

40+68

40+46

40+44

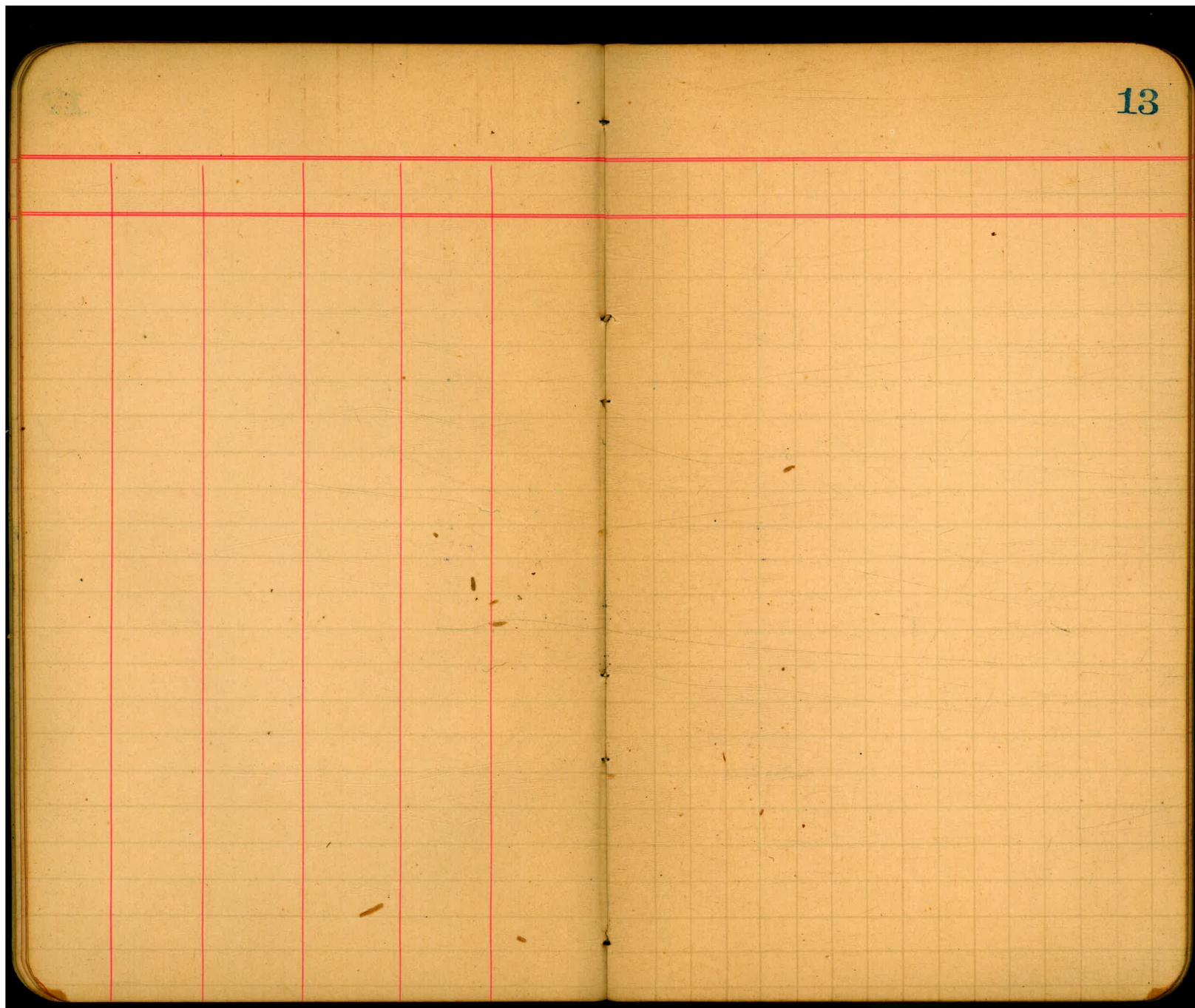
40+21

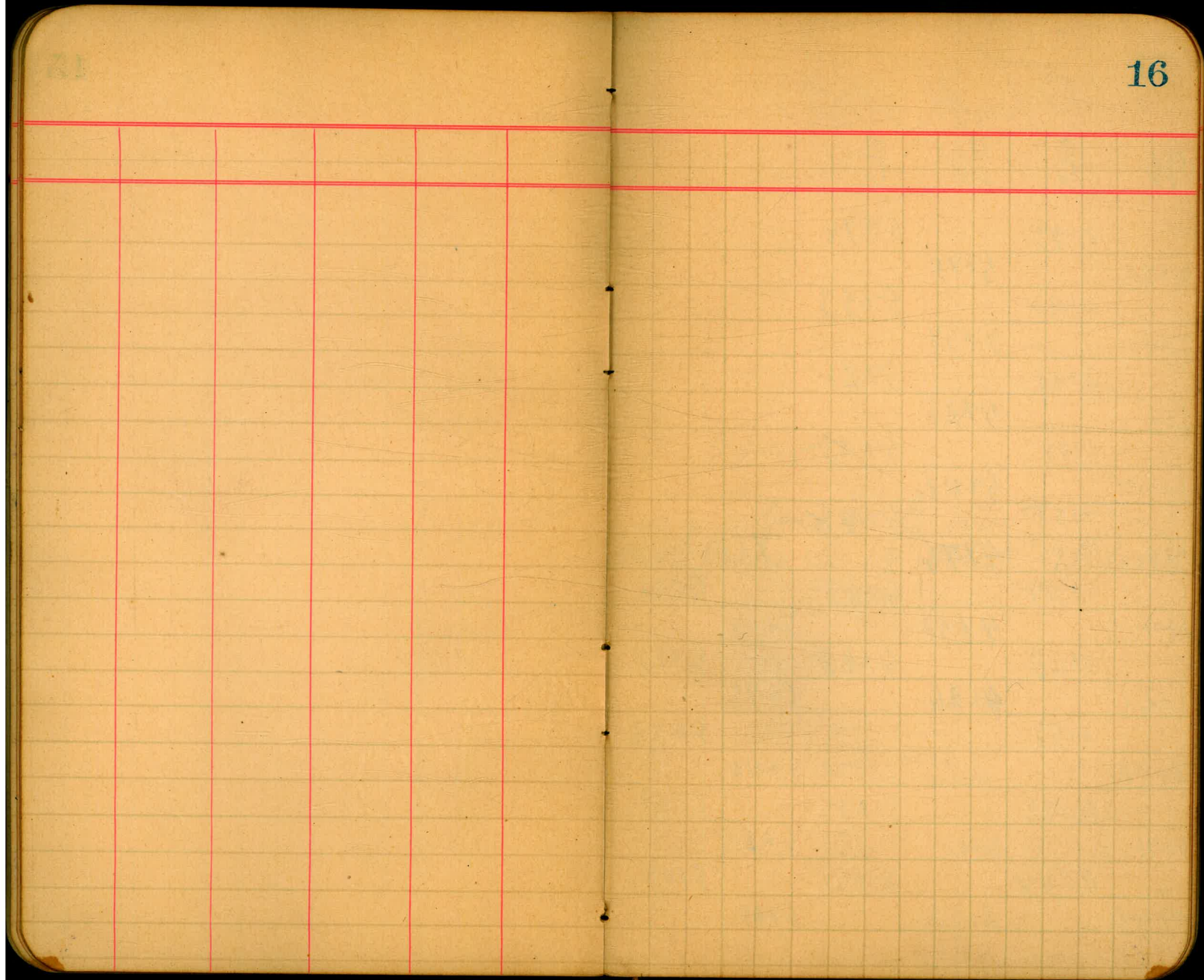
40+19

39+98

39+94

12





Tenth Street

W	E	W	E
	2+73		5+78
2+71		5+75	
	2+48		5+53
2+46		5+51	
	2+23		5+28
2+21		5+25	
	1+99		5+03
1+97		5+01	
	1+73		4+78
1+71		4+76	
	1+47		4+53
1+45		4+51	
	1+23		4+28
1+21		4+26	
	0+99		5+95
0+97		3+48m	
	0+73		5+50
0+71		3+21	
	0+48		5+27
0+46		2+99	
	2+57		5+03
			5+01

over

line on 10th street
 7+08 2nd end of pipe on 10th street 17 ft back of
 7+02

South street running North of - E street -

West	East	
		6+06
	3+25	6+04
3+28		5+80
	3+00	5+78
2+98		5+55
	2+76	5+50
2+74		5+30
	2+51	5+28
2+49		5+05
	2+26	5+03
2+24		4+81
	2+02	4+79

1+98½

1+75 - 4+20 6+6 running up E street East

1+73

1+51 4+00 south side - E street - on 1051 -

1+49

1+25½ 3+75

1+24½

3+78

1+05 3+50

1+03

3+48

Tenth st - North

West	East	West	East	West	East
------	------	------	------	------	------

	8+84	west			
8+84		10+98	Extra		
	8+61		10+85-		
8+59		10+88			
	7+98	6 mi by running East for 11-			

South side of st	
7+80	9m

10+60

10+58

7+55-

10+35-

7+53

10+83

7+30

10+10

7+28

10+06

7+05-

9+85-

11+79½

6 mi by for I street East

7+03

9+88

S. of Street

6+80

9+59½

South side of st

6+78

9+57½

11+60 9m

6+53-

9+34½

11+35-

6+53

9+32½

11+33

6+31

9+11

11+10½

6+29

9+09

11+08½

over

Tenth sheet

West East

	14+65-	17+39½
14+63	17+37½	
	14+40	17+15-
14+88	17+10	
	14+15-	16+89½
14+10	16+89½	
	10+90	16+65-
13+88	16+69	
	13+83-	16+40 North-
13+68-	16+98	
	13+40½	
13+38½	15+65- 4 mi. graining	East for H 11-
	13+15-	
13+13	15+40 9 mi	
	12+80	15+15-
12+88	15+13	
	12+57	14+89½
12+65-	14+89½	
	12+40	14+89½
12+38		

North side H 81
15+40 9 mi

Tenth street running North

West East

10
19+58 Corny East for 9. West

South side 9 th		21+95-	
19+40	21+98		
19+15-	21+90		
19+78	21+58		
18+90	21+45 $\frac{1}{2}$		
18+88	21+43 $\frac{1}{2}$		
18+54	21+19	South side of 9 th	net over
18+52	21+17	23+20	9 th
18+40	20+95-	22+95 $\frac{1}{2}$	
18+98	20+93	22+93 $\frac{1}{2}$	
18+14	20+90	22+59 $\frac{1}{2}$	
18+12	20+68	22+57 $\frac{1}{2}$	
18+90	20+45-	22+45-	
17+88	20+40	22+43	
17+55-	20+20	22+20	
17+53	20+18	22+18	

Tenth St running North

W	E	W	E
		28+53 1/2	
		28+53 1/2	
25+99			28+80
25+95		28+28	
	25+74 1/2		28+05 1/2
25+72 1/2		28+09 1/2	
	25+50		27+79
25+48		27+79	
	25+25 1/2		
25+23 1/2		27+18	6 in by East for E sheet
	25+00		
24+98		South side E sheet	
	24+74		27+00 In
24+72			26+74 1/2
	24+50	26+72 1/2	
24+48			26+49 1/2
	24+25	26+47 1/2	
24+23			26+25
	24+0 1/2	26+23	
23+98 1/2			

over

27+18 6 in by East for E sheet

South side E sheet
27+00 In

23+98 6 x 6 by for F sheet East

Tenth St Running

North

23

W E
30x98 City East for Det

South side Det

30x80 Inn 33x34

30x55 33x32

30x82 33x10

30x80 33x85

30x28 32x84

30x05 32x82

30x03 32x60

29x79 32x58

29x79

2 29x71 Extras East

29x55

29x53 32x35

29x06 32x33

29x28 32x10

29x04 32x88

29x02 31x85

28x80 31x80

28x76 31x50

31x58 North side of Det -

Tenth sheet among North to B & C

N	E	West	
	35+64		over
35+62		37+38	37+40
	35+40		37+15
35+38		37+18	
34+79	Cm running East for C sheet		
			35+90
South side C sheet	35+88		
			36+32
34+60	35+62		
	34+34		36+39
34+82		36+37	
	34+09		35+15
34+07		36+18	
	38+85		
33+83		35+09	Extends by running West -
	33+60		35+90
33+58		35+88	

Tenth street running

North bet B + C

90

E

39+68 1/2

39+66 1/2

39+45

39+43

39+20 North line of B st

39+18

38+59 2 in by running East for B street

South side B street

38+40 In

38+14

38+12

40+45 over

37+90 40+43

37+88

40+18 1/2

37+84 40+16 1/2

37+82

39+95

39+93

Tenth st mining North

W	E	W	E
---	---	---	---

42+992

42+972

42+988 Cor for A mining East

South side A street

42+20

In

45+95 over

41+95-45+93

41+93

45+49

41+90 45+47

41+68

45+00

41+44 44+98

41+42

44+51

41+20 44+49

41+18

43+99

40+94 43+97

40+92

43+49

40+69 43+47

40+67

43+182 Cor for B West

Tenth of running path

W	E	W	E
	49+55		52+10 av
49+50		52+08	
	49+29½		51+59½
49+27½		51+57½	
	48+79		51+10
48+77		51+08	
	46+29		50+60 property line of Beach
48+27		50+58	
	47+80		
47+78		49+98	6 in of for Beach running West
	47+80		
47+28			
	46+80		South side Beach
46+78			49+80 2m
	46+78		
46+76			6 in of West for Ash

South side Ash by 50 Robert
48+00

Tenth street

W E W E

55+38½

55+36½

54+90

54+88

54+40

54+38

53+80

6 in of morning West for Cedar street

South line Cedar

53+60

53+84

53+07

52+57

57+98½ End of

57+15½

57+19½

55+88

55+87½

55+87½

56+90

55+89½

55+89½

pipe on Tenth south line of Date

8th sheet

8th sheet

29

8th sheet running North from N. sheet

W	E	W	E	
				5+40
	3+10	5+38	5+40	6+40
3+08			5+15 1/2	6+38
	2+85	5+18 1/2		6+14 1/2
2+88			4+90	6+12 1/2
	2+59 1/2	4+68		5+90
2+57 1/2			4+64 1/2	5+88
	2+85	4+62 1/2		5+64
2+33			4+89	5+62
	2+09 1/2	4+89		
2+07 1/2		3+78	E. of running West for meet	
	1+85	3+76	6 mi. E running East for M. 21.	
1+83				
	1+60	South line M. 21		
1+58		3+60	E. of	
	1+53 1/2		3+34	
1+51 1/2		3+32		
	0+61	North line of meet		
0+59				

8th sheet

8+20	End of Pipe connect with
1 7+40	Property line of 5 sheet
	7+14
1 7+14	
	6+90
0 6+86	

8th sheet 95 ft - Entry pipe 0²

The image shows an open notebook with two pages. The pages are a light tan or yellowish color. The left page is ruled with a grid of thin grey lines. It features five vertical red lines that divide the page into six columns. The right page is also ruled with a grid of thin grey lines and has the number '31' printed in the top right corner. The notebook is bound in the center, and the pages are slightly aged. The background is black, and there is a white strip on the right side of the image.

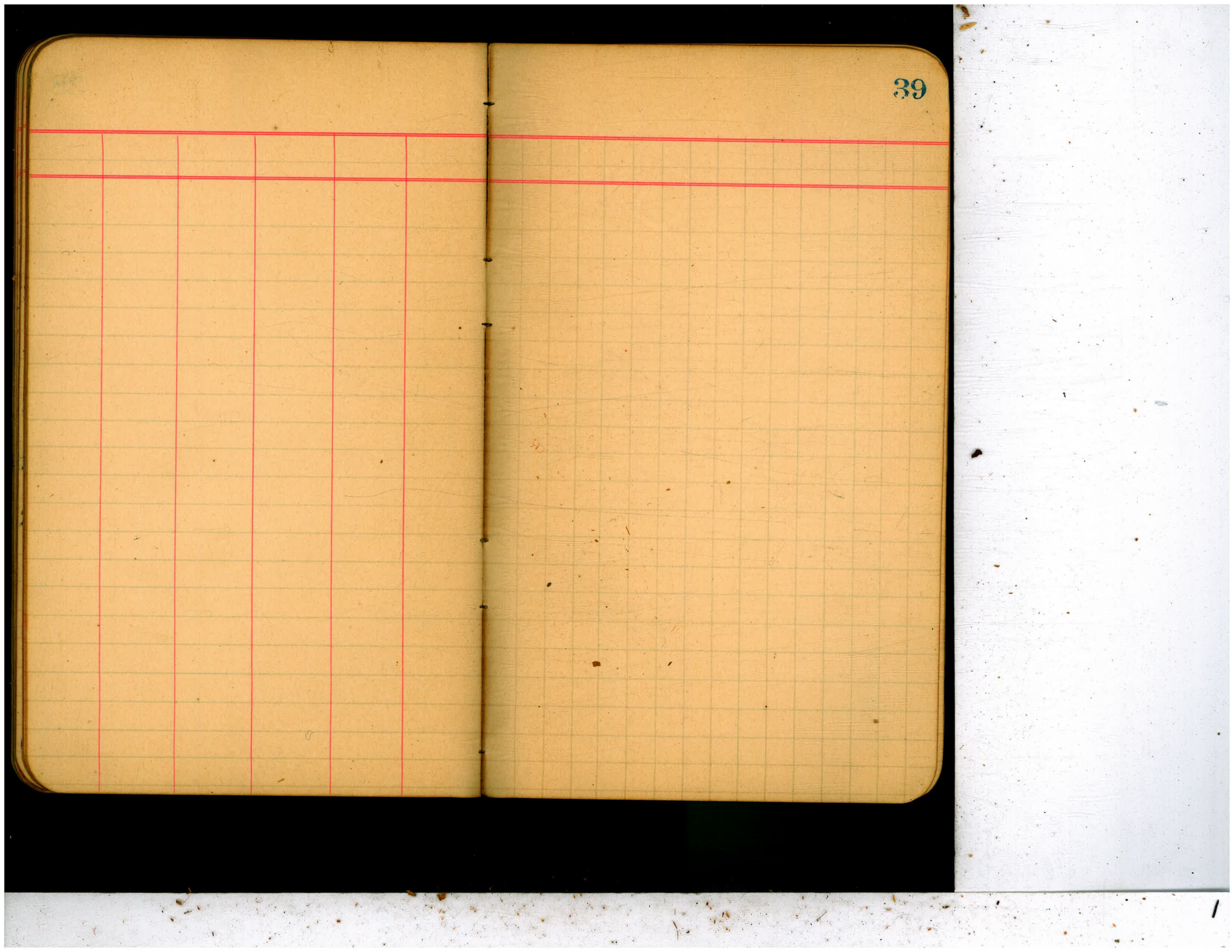
The image shows an open notebook with two pages. The pages are a light tan or yellowish color and feature a faint grid pattern. The left page is further divided into six vertical columns by red lines. The right page is numbered '32' in the top right corner. The notebook is bound in the center, and the pages are slightly aged with some minor blemishes. The notebook is placed on a white surface, which is visible on the right and bottom edges of the frame.

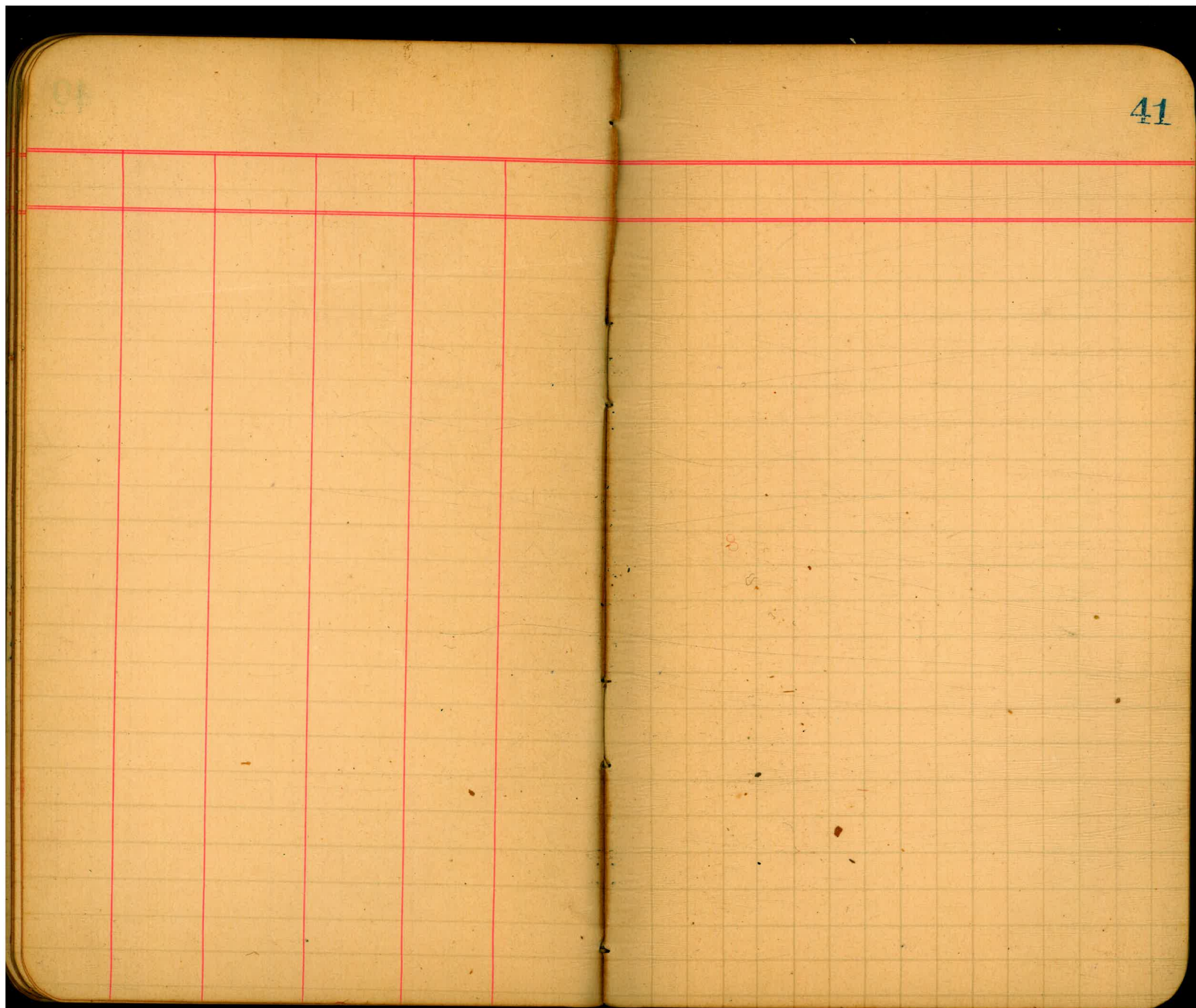
25

The image shows an open notebook with two pages. The left page is ruled with a grid of light blue lines, with a prominent red horizontal line near the top and six vertical red lines creating a table with 6 columns and 18 rows. The right page is ruled with a grid of light blue lines, with a prominent red horizontal line near the top and 18 vertical red lines creating a grid with 18 columns and 18 rows. The number '36' is printed in the top right corner of the right page. The notebook is placed on a white surface with some brown specks.

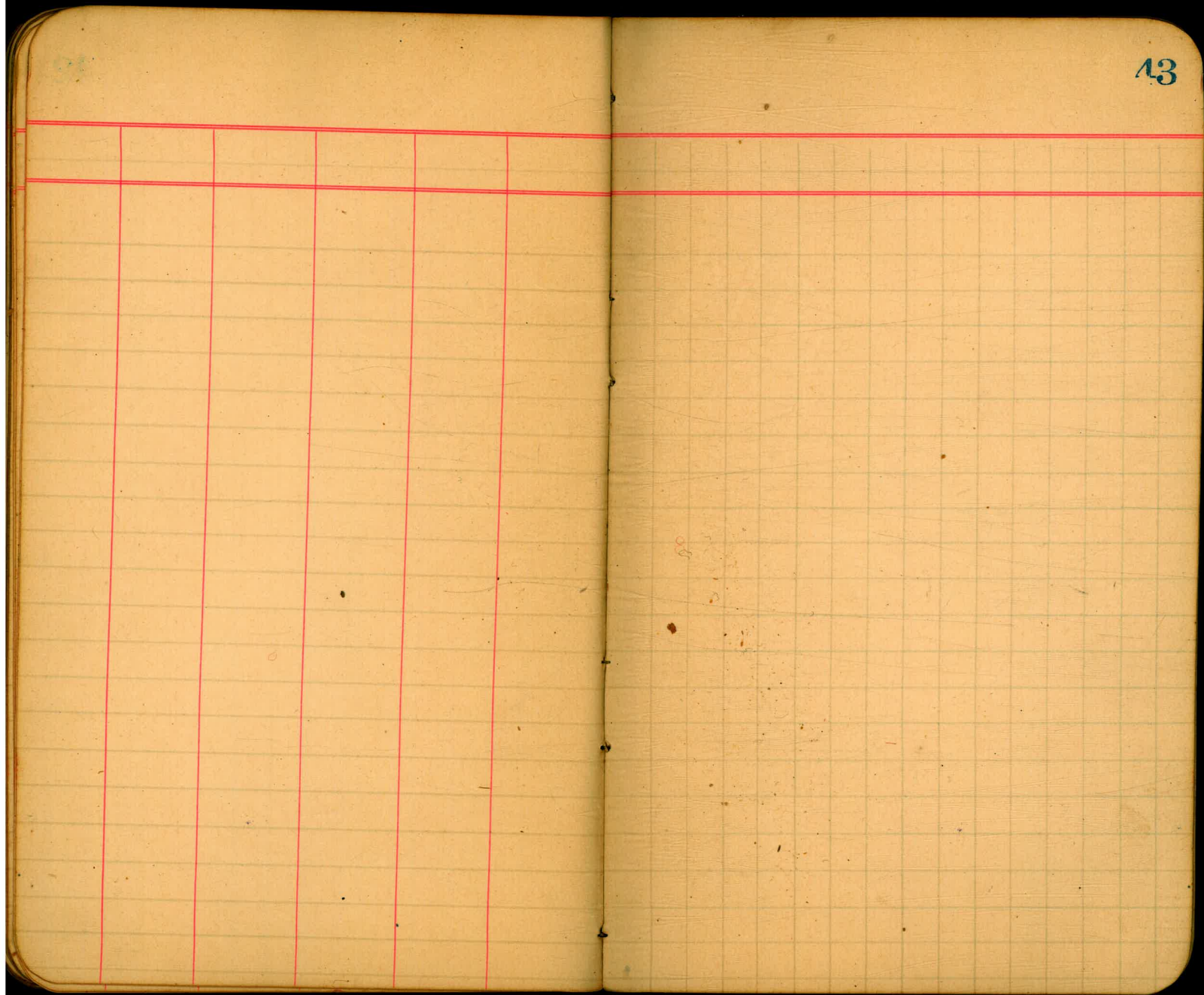
37

The image shows an open notebook with two pages. The left page is ruled with a grid of light blue lines and features six vertical red lines that create a table with six columns and fifteen rows. The right page is ruled with a grid of light blue lines, forming a square grid of fifteen columns and fifteen rows. The number '38' is printed in the top right corner of the right page. The notebook is placed on a white surface, and the binding is visible in the center.





The image shows an open notebook with two pages. The pages are a light tan or yellowish color. The right page is numbered '42' in the top right corner. Both pages are ruled with a grid of thin, light-colored lines. On the left page, there are five prominent vertical red lines that divide the page into six columns. The notebook is placed on a white surface, and the background is dark.



The image shows an open notebook with two pages. The left page is ruled with a grid of light green lines. A red horizontal line is drawn near the top, and six red vertical lines are drawn to create a table with 6 columns and 15 rows. The right page is also ruled with a grid of light green lines, forming a 15x15 grid. The number '14' is written in the top right corner of the right page. The notebook is placed on a white surface.

The image shows an open notebook with two pages. The left page is ruled with a grid of light blue lines. A prominent red line runs horizontally across the top of the page, and another red line runs horizontally across the page, approximately one-third of the way down. Vertical red lines divide the page into six columns of varying widths. The right page is ruled with a grid of light blue lines, forming a 15x15 grid. The notebook is placed on a white surface, and the background is black.

North street running North from N street

W	E	W	E
7+09	End of pipe on 9 th street		up to within 15 ft of S
6+996			
6+996			
	6+95-		
6+93			
	6+51		
6+49			
	6+26		
6+24			
	5+00		
5+98			
	5+96		
5+94			
	5+51		
5+49			
	5+25-		
5+23			

7+09	End of pipe on 9 th street	up to within 15 ft of S
------	---------------------------------------	-------------------------

6+996	
6+996	
	6+95-
6+93	
	6+51
6+49	
	6+26
6+24	
	5+00
5+98	
	5+96
5+94	
	5+51
5+49	
	5+25-
5+23	

North-south North from N up North W -

W	E	W	E	
	2+44		5+00h	
2+44		4+98½		
	2+20		4+96	
2+18		4+94		
	1+95½		4+50	
1+93½		4+44		
	1+91		4+25½	North line on M
1+69		4+23½		
	1+44½			
1+42½		3+64½		on M
	1+22			East for M street
1+20				
	0+98			
0+96			3+20	
	0+71½	3+18		
0+69½			2+95-	
	0+47	2+93		
0+45			2+70	
		2+68		

South line 9 ft North of Pickers on M

14 street

W E

2+74½

2+74½

2+52

2+50

2+27

2+25

2+03

2+01

1+77

1+75

No 4+94

1+52

end pipe on 14 street

and M street

1+50

4+21

1+27 4+19

1+25

1+02

low

south line Mr D

1+00

3+44

0+78

3+27

0+76

3+23

0+52

3+03

0+50

3+01

North corner

TRAVERSE TABLE FOR TRANSIT BOOK,
From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	85
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	85
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	85
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	85
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	85
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	85
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	85
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	85
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	85
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	85
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	74
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	74
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	74
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	74
15	96.59	25.88	96.48	25.90	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	74
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	74
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	74
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	74
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	65
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	65
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	65
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	65
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.23	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	58
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		

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West running

N S.

N 80° W

1+01 4 mi

1+09

10+92 8 mi for 8 mi

70 mi 6 mi for 17 mi from line of Building line

4

2+28