

877

877

F.B.

FIELD BOOK

360

KEUFFEL & ESSER CO.

DRAWING MATERIALS

AND

SURVEYING INSTRUMENTS.

NEW YORK.

CHICAGO.

SAN FRANCISCO.

ST. LOUIS

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.

FOR SINGLE TRACK EXCAVATION.

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	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

For Keith's Railroad Curve Tables see end of book.

X-sec. Albert St. - S.L. Robinson - N. line City Park	2
Survey of Road North of River	18
Survey of Mission Valley Rd. Ext. to Camp Kearney Road	29
X-sec. State - Palm to Nutmeg	30
Sewer constr. Blk bet Terrence + Puterbaugh, W. of Pringle	40
Sewer constr. Neale - W. of Pringle	41
" " Neale + Terrence W.	42
Deep sewer constr. Columbia - M.H. W.L. to N. of Broadway	43
Gregory curb notes on 20 th St	44
New location of N. Mission Valley Road through P.L. 1173	45
Location	47

Location of Albert St from S. L
Robinson to No. line City Park

ALBERT ST = 80' WIDE
14' SIDEWALKS
13' QUARTERS

St. John's
+ Richmond

4/9/13
Sagony
Bedford
thru.

B.M. 2.04 296.49 294.45

T.P. 2.51 293.09 5.91 290.58

So. LINE ROBINSON

E +0.2 292.3

ch 1.5 291.6

1/4 4.0 289.1

C 5.5 284.6

1/4 11.7 281.4

ch 16.0 277.1

W 21.4 271.7

+15 27.9 265.2

+40 24.9 268.2

25' So.

-43 22.8 270.3

-25 28.8 264.3

-10 29.3 263.8

W 26.3 266.8

ch 22.7 270.2

1/4 17.8 275.3

C 12.4 280.7

1/4 8.4 284.7

ch 2.9 290.2

E 1.5 291.6

2

50' SOUTH

E 2.6 290.5

ch 7.2 285.9

1/4 12.0 281.1

C 16.2 276.9

1/4 26.3 266.8

ch 27.1 266.0

W 30.7 262.7

+20 28.9 264.2

+30 25.1 268.0

75' SOUTH

-25 25.2 267.9

W 31.9 261.2

ch 31.2 261.9

1/4 25.8 267.3

C 19.8 273.3

1/4 15.0 278.1

ch 11.1/2 281.9

E 6.3 286.8

100' SOUTH

E 12.2 280.9

T.P. 0.54 280.83 12.80 280.89

ch 5.4 275.4

1/4 9.9 270.9

C 14.0 266.8

280.83

1/4	18.3	262.5
cb	21.1	269.7
W	20.0	260.8
+20	14.1	266.7

125' So.

-20	12.0	269.8
W	19.1	261.7
cb	22.5	258.3
1/4	23.0	257.8
C	21.6	259.2
1/4	17.5	263.3
cb	11.8	269.0
E	4.8	276.0

150' So.

E	9.6	271.2
T.P.	0.06	268.42
12.47	268.36	
cb	4.4	264.0
1/4	9.7	258.7
C	12.8	255.6
1/4	10.7	257.7
cb	7.3	261.1
W	2.0	266.4

175' So.

W	1.1	267.3
cb	5.8	262.6

268.42

3

1/4	9.6	258.8
C	13.1	255.3
+5	15.2	253.2
1/4	11.4	257.0
cb	8.5	259.9
E	3.3	266.1

200' So.

E	8.1	260.3
cb	12.3	256.1
1/4	14.2	254.2
+5	15.7	252.7
C	14.3	254.1
1/4	9.1	259.3
cb	4.0	264.4

T.P. 7.16 272.73 2.85 265.57

W 3.6 269.1

225' So.

W	1.0	271.7
cb	5.9	266.8
1/4	11.4	261.3
C	16.7	256.0
1/4	20.4	252.3
+5	21.8	250.9
cb	20.0	252.7
E	17.0	255.7

272.73

250'

So

-20			15.0	257.7
E			22.1	250.6
+4			23.4	249.3
cb			20.0	252.7
1/4			17.2	255.5
C			12.6	250.1
1/4			8.8	263.9
cb			2.9	269.8
T.P.	12.89	284.37	1.25	271.48
W			9.3	275.1

275' So

W			5.7	278.7
cb			11.6	272.8
1/4			18.4	266.0
C			23.8	260.6
1/4			27.3	257.1
cb			30.8	253.6
E			35.8	248.6
+20			30.2	256.2

300' So = N.L. Pennsylvania (80' WIDE)

-35			50.9	253.5
-10			36.6	247.8
E			33.6	250.8
cb			29.8	255.6
1/4			24.0	260.4

4

C			18.5	265.9
1/4			12.9	271.5
cb			8.0	276.4
W			2.1	282.3
T.P.	7.39	290.25	1.51	282.86

No. Curb.

W			5.8	284.4
cb			11.6	278.6
1/4			19.1	273.1
C			20.2	272.0
1/4			26.5	265.7
cb			32.1	258.1
E			37.5	252.7
+30			43.3	246.9
+35			36.4	253.8

No. 1/4

-40			39.7	250.5
-28			44.4	245.8
E			35.3	254.9
cb			28.3	261.9
1/4			25.2	265.0
C			18.1	272.1
1/4			14.3	275.9
cb			9.6	280.6
W			3.8	286.4

290.25

Center

W	3.6	286.6
dr	8.6	281.6
1/4	12.8	277.4
C	18.4	271.8
1/4	24.1	266.1
dr	28.9	261.3
E	34.6	255.6
+14	38.4	251.8
+30	45.0	245.2
+45	39.8	250.4

So. 1/4

-45	39.6	250.6
-34	45.7	244.5
E	34.0	256.2
dr	27.6	262.6
1/4	22.5	267.7
C	16.7	273.5
1/4	13.2	277.0
dr	8.1	282.1
+6	4.8	285.4
W	3.0	287.2

So. Corb

W	2.5	287.7
+10	4.3	285.9
dr	6.1	284.1

194

5

1/4	11.8	278.4
C	15.7	274.5
1/4	21.4	268.8
dr	25.2	265.0
E	32.3	257.9
+40	46.4	243.8
+55	42.0	248.2

So. LINE PENNSYLVANIA

1-55	45.4	246.8
-45	47.2	243.0
E	30.2	260.0
dr	24.6	265.6
1/4	20.9	269.3
C	14.4	275.8
1/4	10.4	279.8
dr	4.9	285.3
W	1.8	288.4

25' 50

W	1.9	288.3
dr	3.9	286.3
+6	5.1	285.1
1/4	8.6	281.6
C	12.0	278.2
1/4	15.9	274.3
dr	21.0	269.2

290.25

E			38.2	262.0
+37			39.3	250.9
+62			45.1	242.1
	50' So.			
-60			46.0	244.2
-110			43.3	246.9
E			29.6	260.6
cb			22.9	267.3
1/4			17.1	273.1
C			12.3	277.9
1/4			9.1	281.1
cb			6.6	283.6
W			3.8	286.4
	75' So.			
T.P.	0.67	277.97	13.95	277.30
W			2.9	275.1
cb			5.7	272.3
1/4			7.5	270.5
C			10.2	267.8
T.P.	1.29	266.49	12.77	265.20
1/4			3.0	263.5
cb			6.4	260.1
E			11.5	255.0
+35			19.8	246.7

6

100' So.

-35				22.6	243.9
E				17.3	249.2
cb				14.3	252.2
1/4				11.3	255.2
C				8.7	257.8
1/4				6.3	260.2
cb				4.5	262.0
W				1.1	265.4
	125' So.				
W				10.2	256.3
cb				15.1	251.4
T.P.	0.69	254.24		12.94	253.55
1/4				4.6	249.6
C				6.2	248.0
1/4				7.3	246.9
cb				8.6	245.6
E				10.0	244.2
	150' So.				
E				12.9	241.3
cb				13.2	241.0
1/4				12.9	241.3
C				12.3	241.9
1/4				11.9	242.3
cb				10.6	243.6
W				7.2	247.0

254.24
175' So.

W		13.3	240.9
T.P.	430	248.95	10.19 244.05
cb		9.0	239.2
1/4		9.5	238.7
C		9.8	238.4
1/4		9.8	238.4
cb		9.9	238.3
E		9.8	238.4

192' So.

E		12.3	235.9
cb		11.5	236.7
1/4		11.5	236.7
C		11.6	236.6
1/4		11.7	236.5
cb		11.7	236.5
W		11.3	236.9

200' So.

W		12.3	235.9
cb		13.2	236.0
1/4		12.8	235.4
C		11.0	237.2
1/4		10.5	237.7
cb		10.3	237.9
E		8.7	239.5

225' So.

E		0.4	247.8
cb		3.5	244.7
1/4		6.1	242.1
C		7.3	240.9
1/4		9.2	239.0
cb		10.2	238.0
W		11.4	236.8

250' So.

W		7.8	240.4
cb		6.4	241.8
1/4		5.4	242.8
C		3.6	244.6
1/4		0.7	247.5
T.P.	12.47	260.35	0.37 247.88
cb		7.7	252.7
E		3.6	256.8

T.P. 11.55 271.63 0.27 260.08

275' So.

E		7.7	263.9
cb		12.5	259.1
1/4		17.5	254.1
C		20.5	250.8
1/4		24.3	247.3
cb		27.4	244.2
W		28.8	242.8

271.63
300' So = No. LINE CYPRESS AVE = 80' WIDE

W			22.8	248.8
cb			20.7	250.9
1/4			17.8	253.8
C			12.5	259.1
1/4			9.4	262.2
cb			5.6	266.0
E			10.5	272.1
T.P.	12.72	283.71	0.64	270.99
No. Curb				
E			7.4	276.3
cb			13.1	270.6
1/4			17.7	266.0
C			21.2	262.5
1/4			25.6	258.1
cb			28.5	255.2
W			31.7	252.0
No. 1/4				
W			26.6	257.1
cb			23.1	260.6
1/4			20.7	263.0
C			16.1	267.6
1/4			10.4	271.3
cb			8.4	275.3
E			3.0	280.7

CENTER

8

E			10.5	284.5
cb			3.5	280.2
1/4			7.3	276.4
C			11.5	272.2
1/4			16.0	267.7
cb			19.6	264.1
W			22.3	261.4
So. 1/4				
W			19.8	263.9
cb			14.5	269.2
1/4			10.7	273.0
C			6.2	277.5
1/4			1.7	282.0
T.P.	8.51	292.13	0.09	283.62
cb			7.5	284.6
E			4.0	288.1
So. Curb				
E			3.3	288.8
cb			4.3	287.8
1/4			7.6	284.5
C			12.3	279.8
1/4			17.4	274.7
cb			21.0	271.1
W			25.6	266.5

299.13

So. LINE CYPRESS

W	28.0	270.1
cb	19.0	273.1
1/4	15.7	276.4
C	10.3	281.8
1/4	8.1	286.0
cb	4.0	288.1
E	2.8	289.3

25' So.

E	2.6	289.5
cb	3.7	288.4
1/4	5.2	286.9
C	7.8	284.3
1/4	12.3	279.8
cb	15.5	276.6
W	18.6	273.5

50' So

W	12.3	279.8
cb	12.0	280.1
1/4	8.8	283.3
C	6.3	285.8
1/4	4.4	287.7
cb	3.5	288.6
E	2.6	289.5

T.P.

4.15

291.34

4.86

287.27
should be
287.19All from 2001
SP. Broughton +
Alcutt

291.34

75' So.

9

E	2.5	288.8
cb	3.1	288.2
1/4	3.9	287.4
C	5.0	286.3
1/4	6.8	284.5
cb	7.7	283.6
W	8.1	283.2

125' So.

W	4.0	287.3
cb	4.4	286.9
1/4	4.1	287.2
C	4.7	286.6
1/4	4.2	287.1
cb	3.5	287.8
E	2.5	288.8

175' So.

E	2.2	289.1
cb	2.7	288.6
1/4	2.5	288.8
C	2.7	288.6
1/4	2.4	288.9
cb	2.3	289.0
W	2.3	289.0

291.34

295' So.

W	1.2	290.1
cb	1.4	289.9
1/4	1.4	289.9
C	1.6	289.7
1/4	1.8	289.5
cb	1.7	289.6
E	1.5	289.5

275' So.

E	1.3	290.0
cb	1.4	289.9
1/4	1.3	290.0
C	1.0	290.3
1/4	1.1	290.2
cb	1.2	290.1
W	1.4	289.9

300' So. = N.L. BROOKES = 80' WIDE

W	2.1	289.5
cb	1.7	289.6
1/4	1.5	289.8
C	1.6	289.7
1/4	1.4	289.9
cb	1.6	289.7
E	1.5	289.8

291.34

No. Corb.

10

E	2.2	289.1
cb	2.1	289.2
1/4	2.0	289.3
C	2.1	289.2
1/4	1.9	289.4
cb	2.4	288.9
W	2.7	288.6

No. 1/4

W	3.1	288.2
cb	2.7	288.6
1/4	2.2	289.1
C	2.2	289.1
1/4	2.2	289.1
cb	2.3	289.0
E	2.5	288.8

CENTER

E	2.8	288.5
cb	2.5	288.8
1/4	2.2	289.1
C	2.3	289.0
1/4	2.6	288.7
cb	2.7	288.6
W	3.3	288.0

291.34

50' 1/4

W	3.7	287.6
cb	3.2	288.1
1/4	2.9	288.4
c	2.7	288.6
1/4	2.6	288.7
cb	2.8	288.5
E	3.1	288.2

SO. CURB

E	2.4	287.9
cb	2.9	288.4
1/4	2.8	288.5
c	3.0	288.3
1/4	3.0	288.3
cb	3.5	287.8
W	4.1	287.2

SO. LINE BROOKES

W	4.4	286.9
cb	3.7	287.6
1/4	3.3	288.0
c	3.2	288.1
1/4	3.3	288.0
cb	3.5	287.8
E	3.9	287.4

25' 50.

11

E	4.9	286.4
cb	4.1	287.2
1/4	4.1	287.2
c	3.9	287.4
1/4	3.9	287.4
cb	4.6	286.7
W	5.5	285.8

50' 50.

W	11.4	279.9
cb	8.4	282.9
1/4	6.3	285.0
c	5.7	285.6
1/4	5.4	285.9
cb	6.2	285.1
E	6.6	284.7

75' 50.

E	10.4	280.9
cb	11.3	280.0
1/4	13.0	278.3
c	11.7	279.6
1/4	10.5	278.8
T.P.	0.16	298.60
cb	3.8	277.8
W	9.3	271.3

278.60

100' 50

W	17.8	260.8
cb	13.7	264.9
1/4	11.4	267.2
C	10.3	268.3
1/4	8.7	279.9
cb	8.0	270.6
E	5.5	273.1

125' 50

E	8.4	270.2
cb	13.1	265.5
1/4	18.9	259.7
C	20.0	258.6
1/4	20.8	257.8
cb	22.3	256.3
W	25.0	253.6

150' 50

-35	32.8	245.8
-10	34.0	244.6
W	31.4	247.2
cb	28.7	249.9
1/4	28.0	250.6
C	25.7	252.9
1/4	20.1	258.5
cb	14.2	264.4
E	9.1	
T.P.	0.35	266.51
		12.44
		266.16

266.51

175' 50

E	2.5	264.0
cb	7.0	259.5
1/4	11.5	255.0
C	15.6	250.9
1/4	20.1	246.4
cb	19.7	246.8
W	17.6	248.9

200' 50

W	11.4	255.1
cb	14.3	252.2
1/4	16.6	249.9
C	19.7	246.8
1/4	15.8	250.7
cb	11.4	255.1
E	8.8	257.7

225' 50

E	13.9	252.6
cb	16.8	249.7
1/4	17.9	248.6
C	14.3	252.2
1/4	11.9	254.6
cb	8.7	257.8
W	3.3	263.2

12

266.51

237' So.

W		1.2	265.3
cb		5.7	260.8
1/4		9.7	256.8
C		12.0	254.5
1/4		13.5	253.0
cb		15.7	250.8
E		16.9	249.6
+15		16.1	250.4
+25		14.6	251.9

250' So.

-40		14.1	252.4	
-30		15.9	250.6	
E		12.2	254.3	
cb		11.1	255.4	
1/4		9.5	257.0	
C		7.7	258.8	
1/4		6.1	260.4	
cb		3.7	262.8	
T.P.	10.77	275.89	1.39	265.12
W		8.5		

275' So.

W		1.3	274.6
cb		5.3	270.6
1/4		6.3	269.6
C		8.2	267.7

275.89

18

1/4			9.8	266.1
cb			11.4	264.5
E			13.2	262.7
300' So. = No. LINE MYRTLE = 80' WIDE				
E			5.4	270.5
cb			3.6	272.3
1/4			1.7	274.2
T.P.	12.19	286.76	1.32	274.57
C			10.0	276.8
1/4			9.1	277.7
cb			8.1	278.7
W			7.9	278.7
No. CURB				
W			4.7	282.1
cb			5.2	281.6
1/4			5.0	281.8
C			6.3	280.5
1/4			7.2	279.6
cb			9.4	277.4
E			12.7	274.1

386.76

No. 1/4

E	7.6	279.2
cb	5.5	281.3
1/4	4.4	282.4
C	3.6	283.2
1/4	3.4	283.4
cb	4.3	282.5
W	3.2	283.6
T.P.	7.69	392.72
	1.73	285.03

CENTER

W	8.0	284.7
cb	8.0	284.7
1/4	8.6	284.1
C	7.9	284.8
1/4	7.6	285.1
cb	8.4	284.3
E	9.3	283.4

So. 1/4

E	6.4	286.3
cb	6.5	286.2
1/4	6.6	286.1
C	6.8	285.9
1/4	7.3	285.4
cb	7.1	285.6
W	7.2	285.5

292.72

So. CURB

14

W	6.8	285.9
cb	6.7	286.0
1/4	6.5	286.2
C	6.2	286.5
1/4	5.9	286.8
cb	5.9	286.8
E	5.3	287.4

So. LINE MYRTLE

E	4.8	287.9
cb	5.0	287.7
1/4	5.2	287.5
C	5.5	287.2
1/4	5.9	286.8
cb	6.1	286.6
W	6.6	286.1

50' 50'

W	5.6	287.1
cb	4.8	287.9
1/4	4.4	288.3
C	4.7	288.0
1/4	4.3	288.4
cb	4.2	288.5
E	3.7	289.0

292.72
100' So.

E	3.8	288.9
cb	4.2	288.5
1/4	4.2	288.5
C	4.3	288.4
1/4	4.5	288.2
cb	4.8	287.9
W	4.8	287.9

150' So.

W	3.9	288.8
cb	3.5	289.2
1/4	3.8	288.9
C	3.5	289.2
1/4	3.2	289.5
cb	3.5	289.2
E	3.2	289.5

200' So.

E	2.7	290.0
cb	3.2	289.5
1/4	3.5	289.2
C	3.7	289.0
1/4	3.8	288.9
cb	3.8	288.9
W	3.8	288.9

292.72
350' So.

15

W	4.5	288.2
cb	5.1	287.6
1/4	4.9	287.8
C	4.5	288.2
1/4	4.1	288.6
cb	4.0	288.7
E	3.8	288.9

300' So. = No. LINE UPAS

E	3.6	289.1
cb	4.4	288.3
1/4	4.6	288.1
C	4.5	288.2
1/4	4.8	287.9
cb	5.3	287.4
W	5.8	286.9

No. CURB

W	5.9	286.8
cb	5.5	287.2
1/4	5.1	287.6
C	4.6	288.1
1/4	4.1	288.3
cb	4.2	288.5
E	4.0	288.7

292.72

No. 1/4

E	4.2	288.5
cb	4.6	288.1
1/4	5.0	287.7
c	5.4	287.3
1/4	5.7	287.0
cb	5.9	286.8
W	6.0	286.7

CENTER

W	6.1	286.6
cb	6.0	286.7
1/4	5.8	286.9
c	5.6	287.1
1/4	5.2	287.5
cb	4.9	287.8
E	4.3	288.4

So. 1/4

E	4.5	288.2
cb	4.6	288.1
1/4	5.0	287.7
c	5.4	287.3
1/4	5.7	287.0
cb	5.8	286.9
W	5.8	286.9

292.72

So. CURB

W	5.3	287.4
cb	5.5	287.2
1/4	5.6	287.1
c	5.4	287.3
1/4	5.0	287.7
cb	4.9	287.8
E	4.7	288.0

So. LINE UPAS = No. LINE CITY PARK

E	4.6	288.1
cb	4.8	287.9
1/4	4.8	287.9
c	5.3	287.4
1/4	5.4	287.3
cb	5.3	287.4
W	5.3	287.4

T.P. 4.53 296.77

T.P. 5.48 287.34

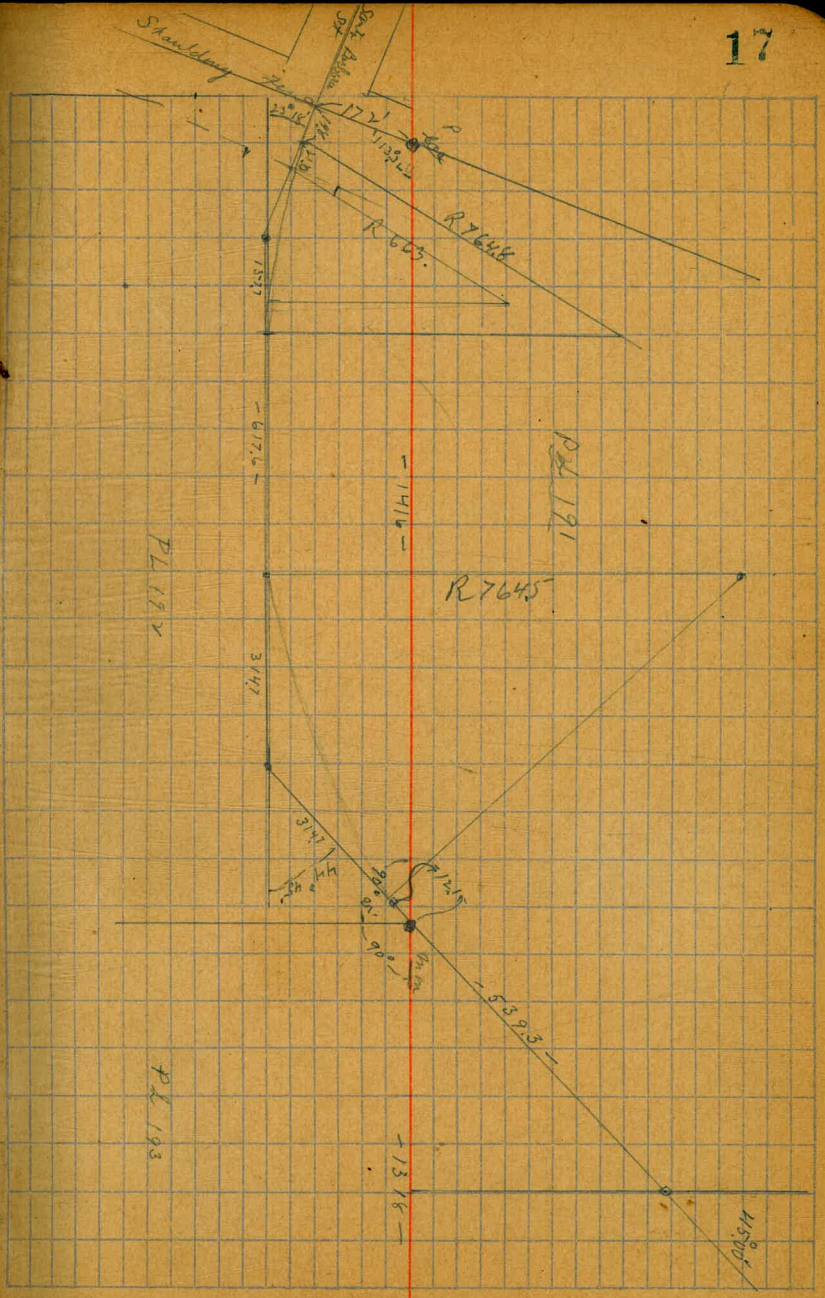
5.83 293.94

BN. SW
Support
2011

16

6
4
13

Survey for location of Spaulding Blvd
through PL 191-192
From the old Ties



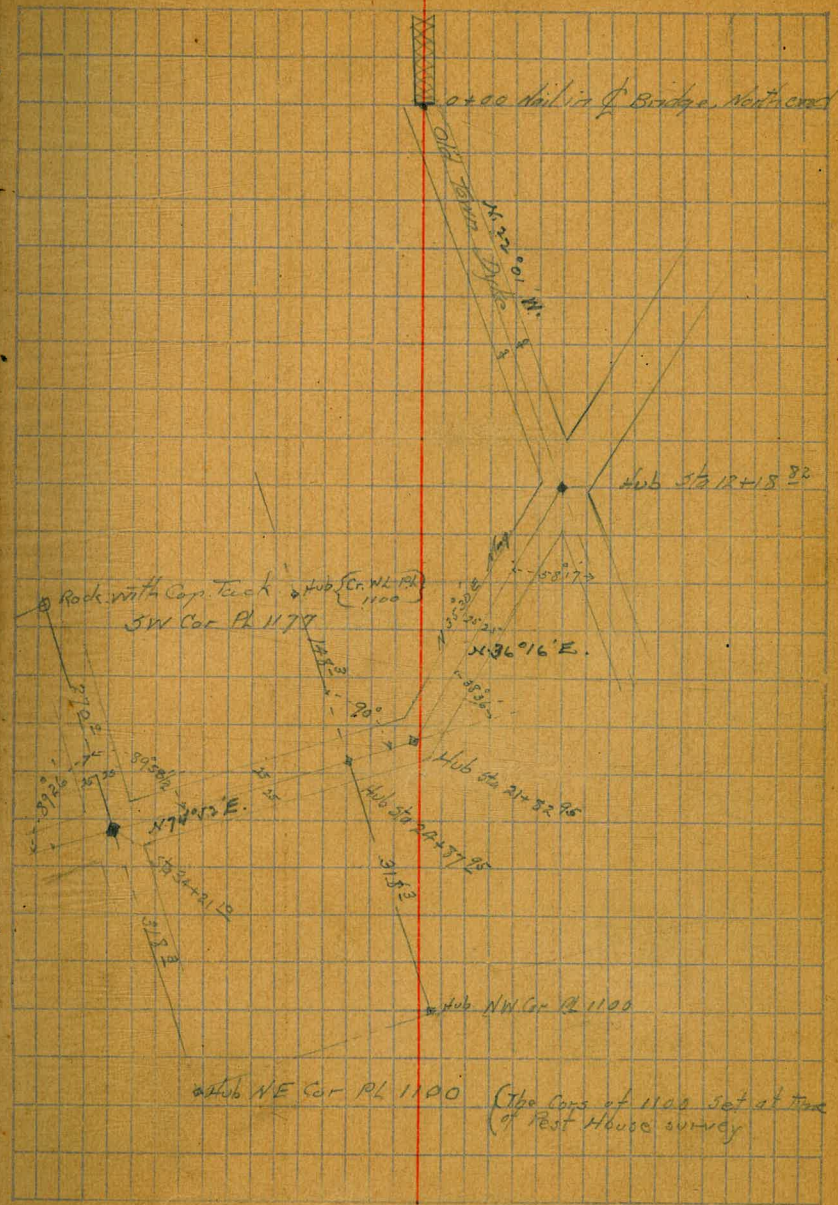
June 1913 ^{High} Moore ^{Hall} Survey of Road North of
River

Line of Dyke determined by Cr of Nend
of Bridge and a nail in Cr of road on
south line Riley St.

Solar observation June 14th 1913
Inst at Sta 12+18^S Foresight Sta 0+00
Sun in upper right quadrant.

Azimuth Vertical Time

64° 48' L	51' 43"	9-00-42 AM
64° 20 1/2'	52' 20"	9-03-42 "
63° 48 1/2'	53' 11"	9-07-42 "



R L Course.

34+21¹⁰

40+67³³ 4112

41+03⁹⁰

44+35⁹⁰

44+73⁸³

45+24⁶⁷

47+02²⁸

1757¹/₂

S 81° E

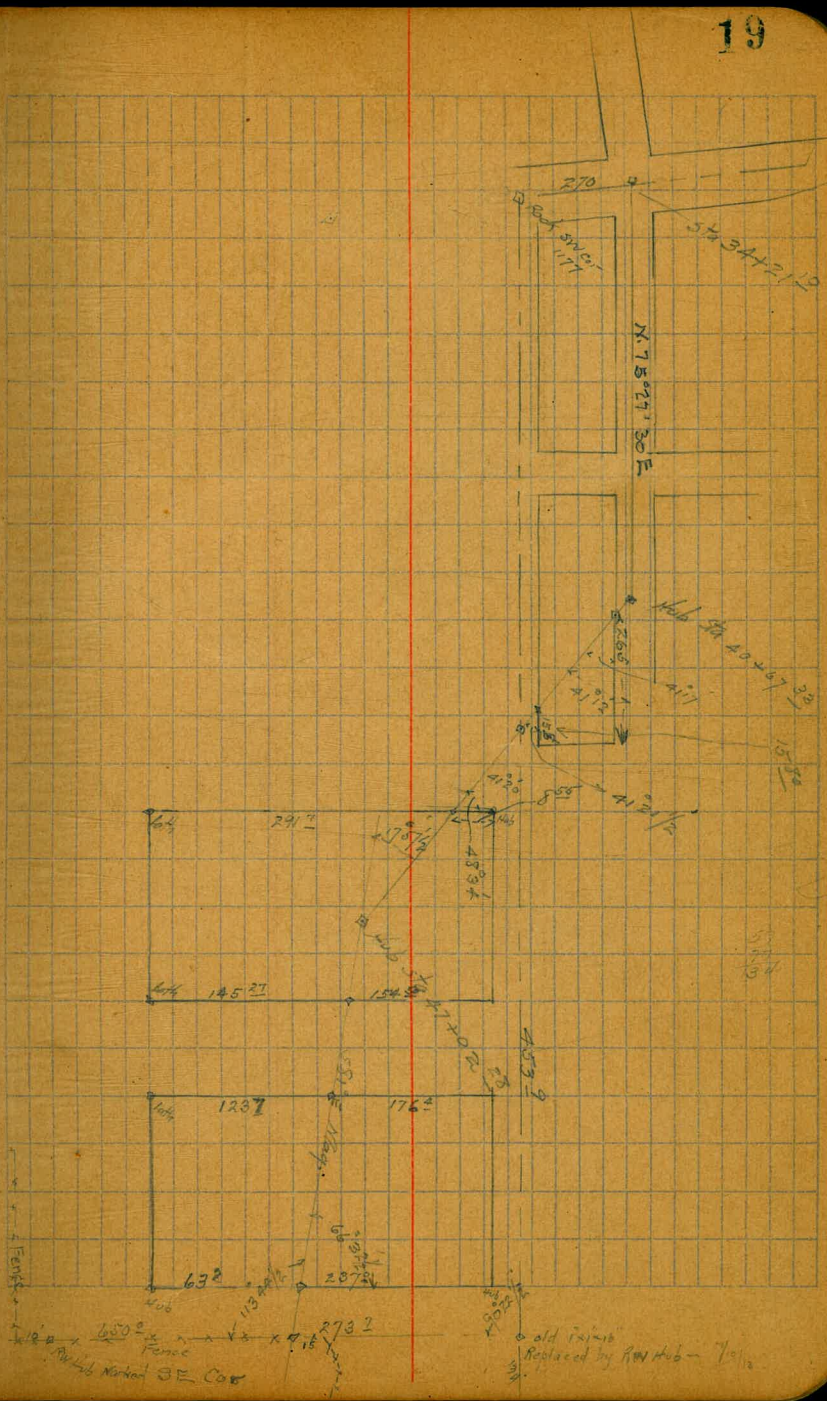
47+75¹⁸

S. 81° 18' E

48+29³¹

49+51⁶⁸

50+11⁵⁸



63+66⁰⁰

71+49¹³

539140

76+79⁵⁸

139530

16°25'

N82°17'E

13°

N69°17'E

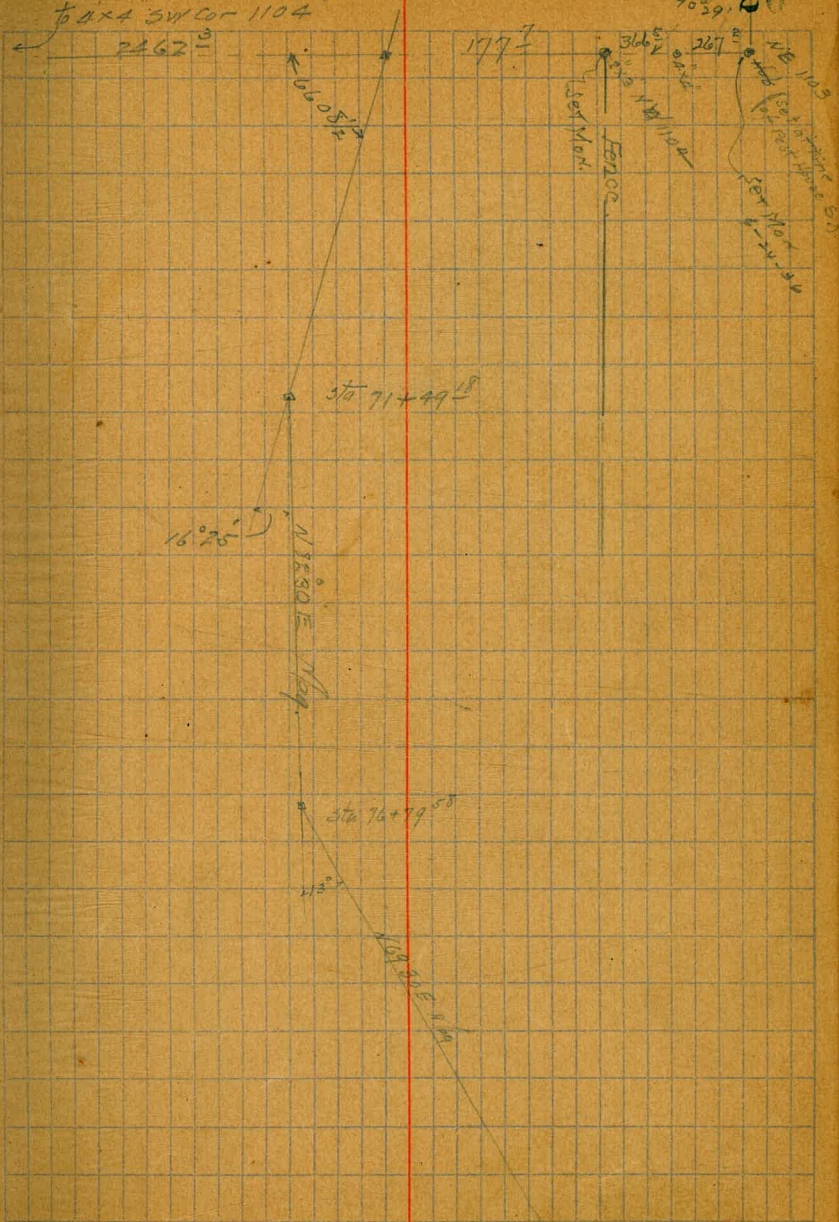
N82°30'E

N69°30'E

See Note Post Office Survey

to 4x4 SW Cor 1104

2462⁰⁰



116.10

112+55⁷³

113+35⁶⁶

121+19⁶⁶

121+76¹⁶

123+53⁰⁶

R

8°

Trunk should be 784
E.A.B.

↓

671

10°4

N. 79° 47' E.

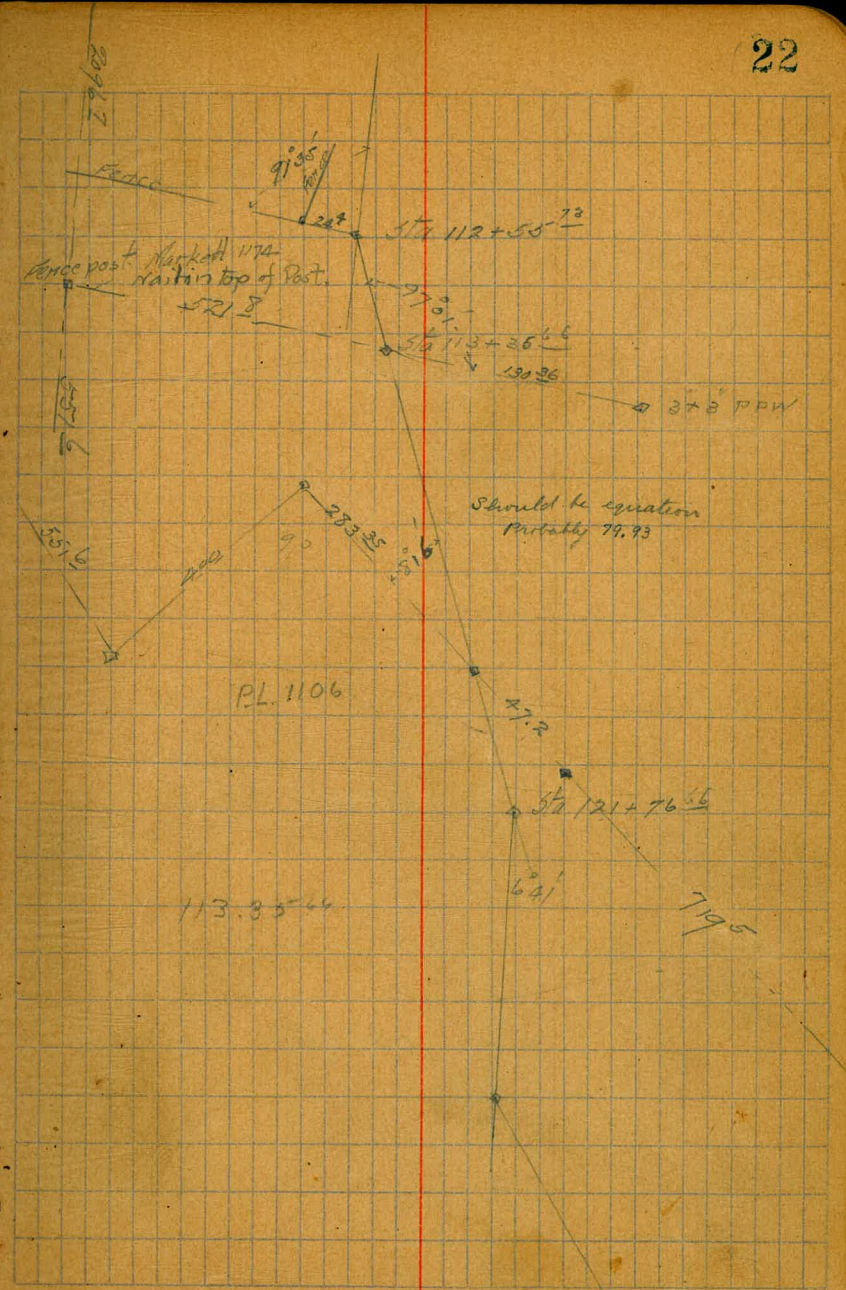
N 84° 10' E

N. 83° 10' E.

389²⁰¹⁵

N 89° 51' E.

N 70° 00' E



125+12⁵⁰

10°37'

N70°E

N. 69°10' E

127+88³⁵

15°15'

N52°55'E

N53°55' E

129+02⁴⁵

2400.90

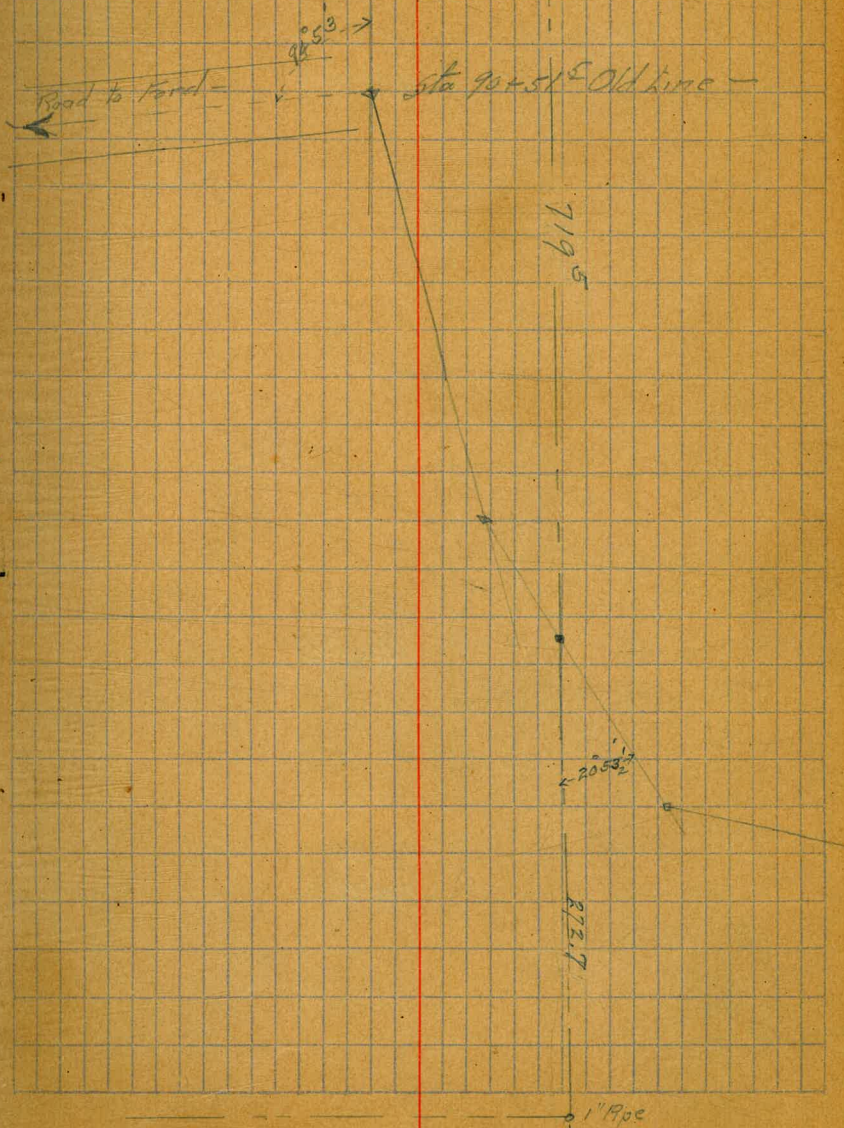
131+63³⁵

20°18'

N34°30'E

N. 33°37' E

23



134+27³⁴ 56°29' 589°E

589°54'E

142+46⁶⁹

144+42⁶¹

52°27 1/2

N59°E

N59°28'30"E

146+26²³

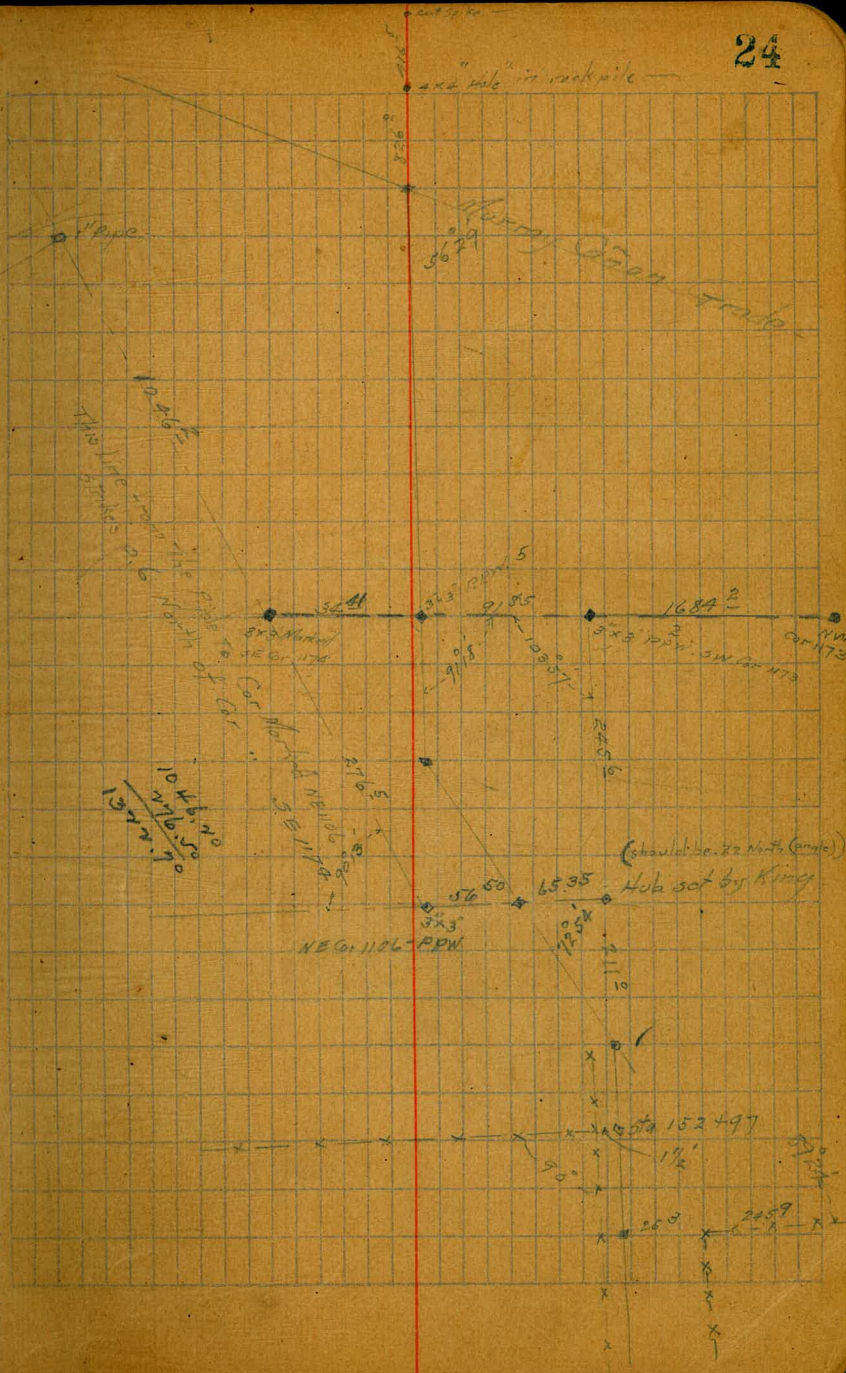
148+47² 17°19 1/2

N75°E

N74°48'E

152+97

156+69⁷



159+62⁹

12 59. N
193
1578.7

161+64⁸

171+59¹⁶

121100

172+79²⁵

12° 01'

N 63° 30' E

N 62° 47' E

185+46³³

1247.13

129.17

186+75⁹⁵

14° 32'

N 48° 35' E

N 48° 15' E

189+69⁶⁵

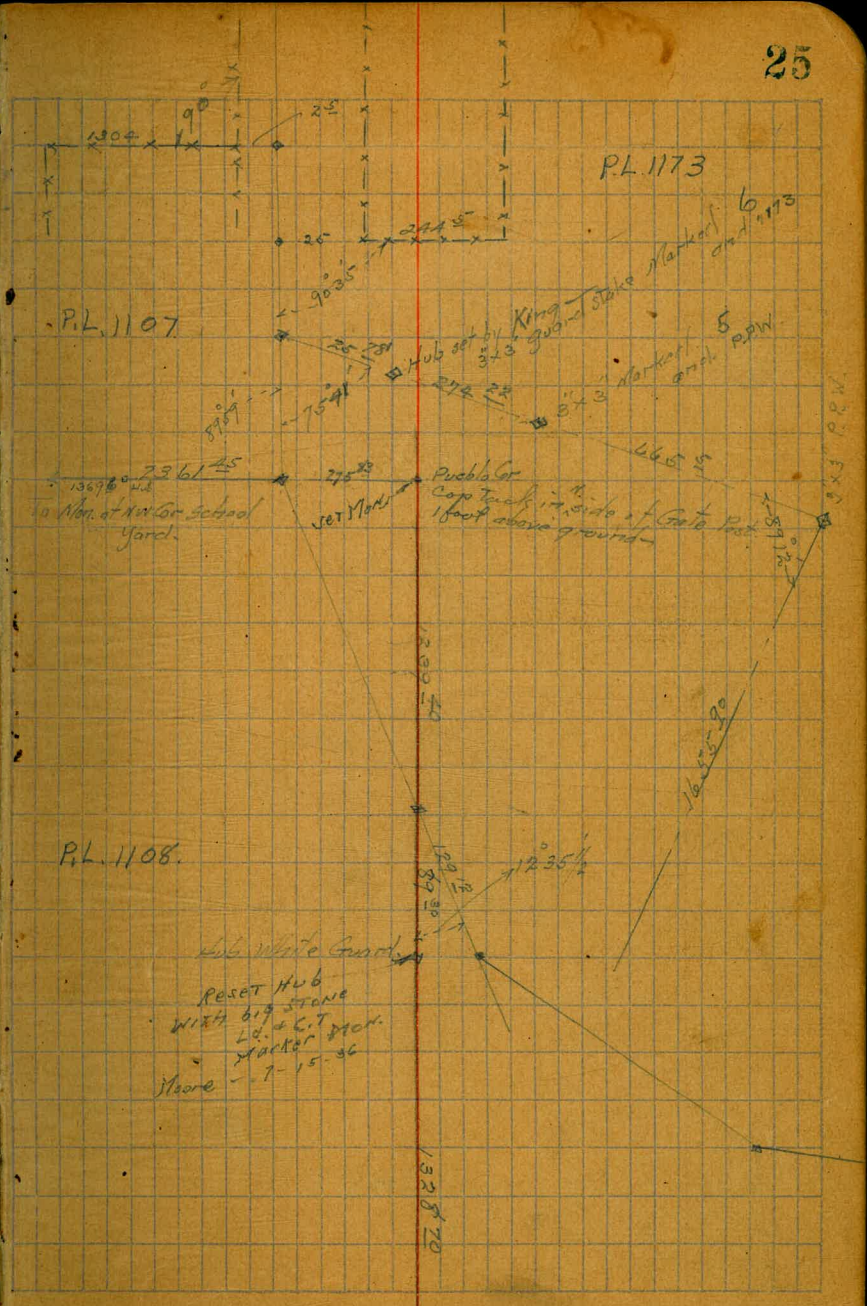
292.70

170.85

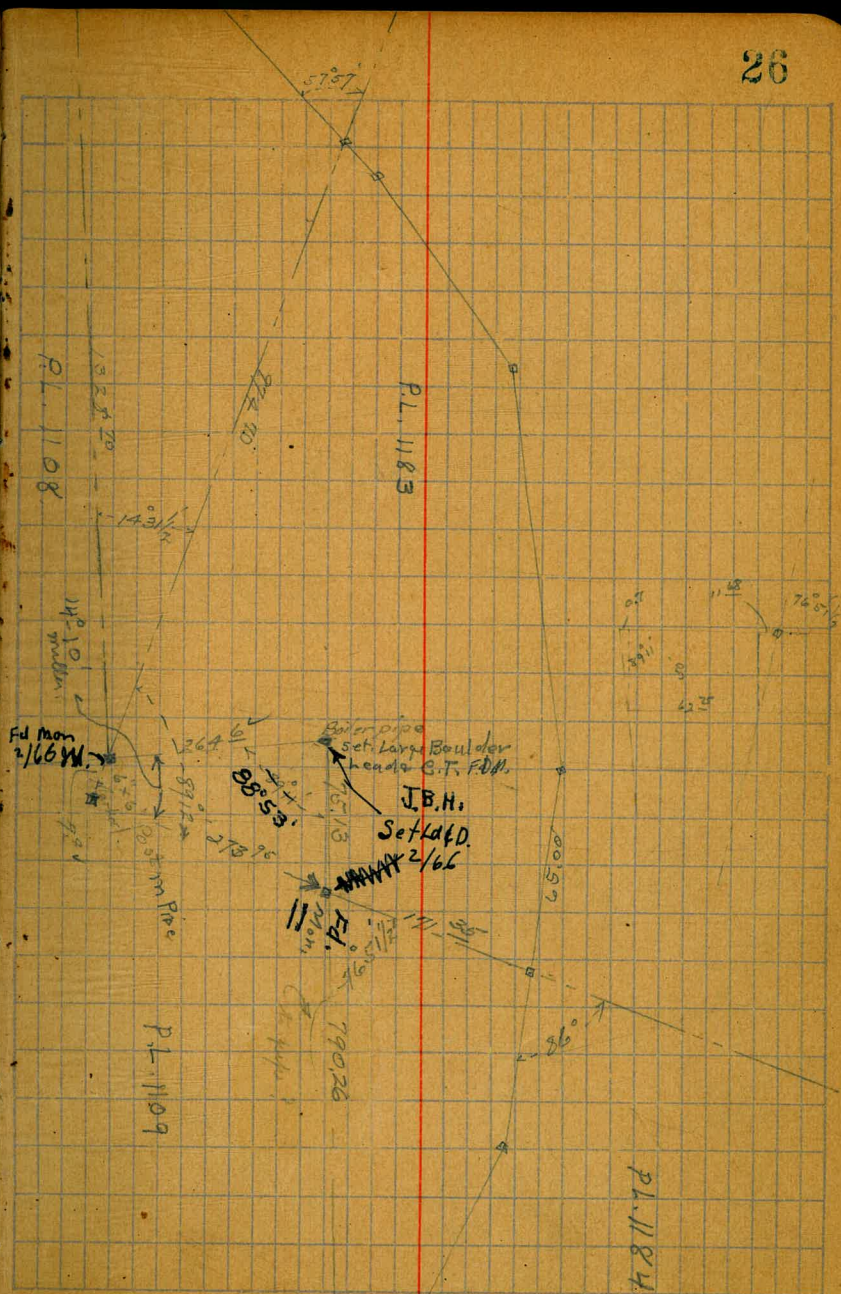
16° 19'

N 32° 30' E

N 31° 56' E ✓



190+89 ⁵⁰	5 1/5	173°	N 51° E
190+94 ⁸⁵			N 50° 34' E.
305+65			
194+00 ⁵⁰	19° 35'		N 70° 30' E.
715+30			N 96° 09' E.
201+16 ³	14° 55 1/2'		N 85° 30' E.
650			(Checked by solar S. 85° 00' 30" E.)
301+81 ³			
575			
206+88 ⁸	17° 02 1/2'		N 77° E.
N 57 1/2'			S. 77° 55' E.



R 2
208+84^E Intersection

155.7
305.0
16°
N 86° 07' E
N 86° 30' E

213+44^E 0° 17'
N 86° 24' E
N 86° 25'

218+11^E 14° 39'
N 71° 45' E
N 72° E

219+78^E 18° 27' N 53° 18' E N 53° 30' E

Solar observation June 30th 1913

East of Sta 201+16^E Foresight Sta 206+88^E

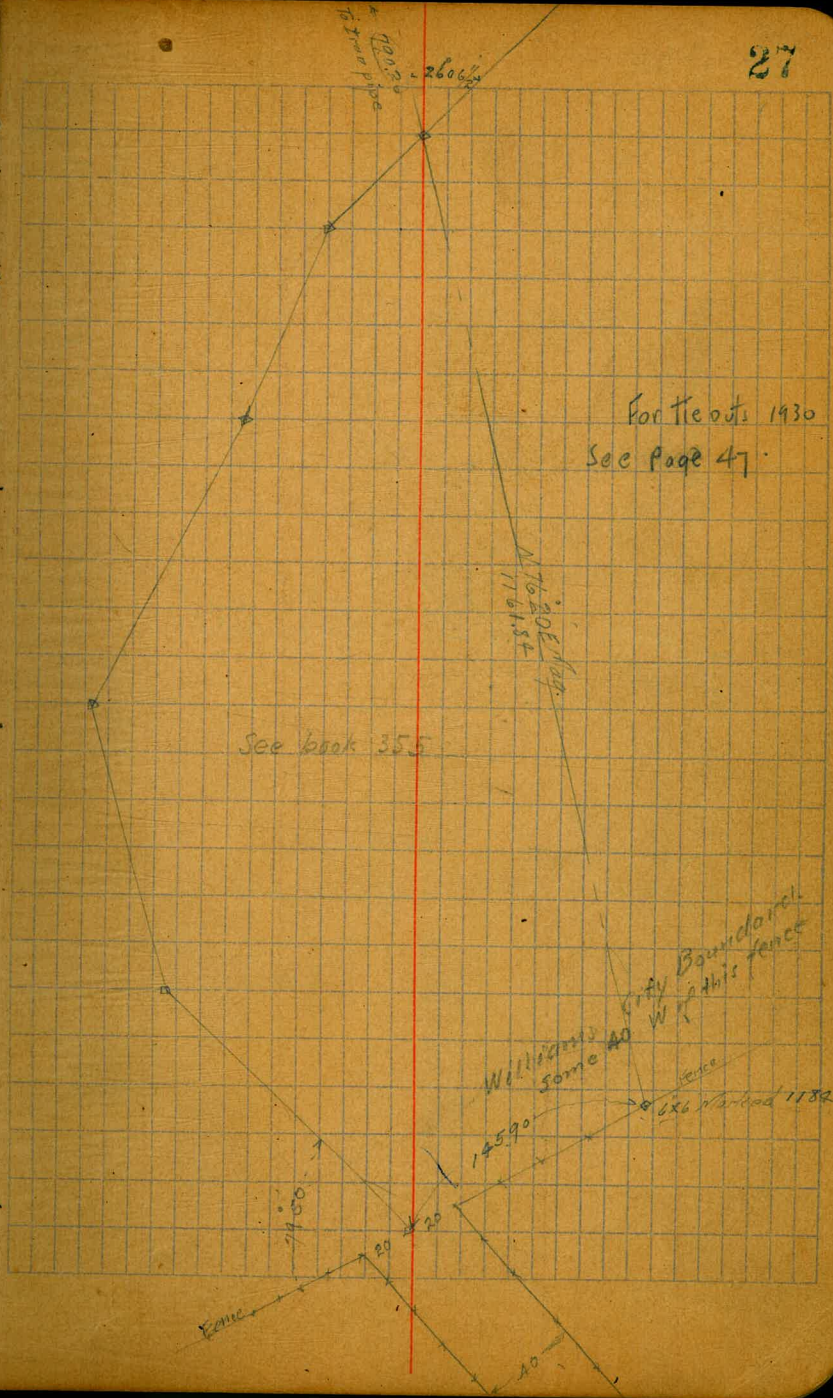
Sun in upper, right quadrant

Latitude R. Vert. Time of A.

221+17 ^E	8° 17'	53° 5'	9-04-06
	8° 35''	52° 19'	9-06-19
	9° 16'	53° 13'	9-11-02
	9° 29''	53° 32'	9-12-23

Lat. 35° 06' 05"

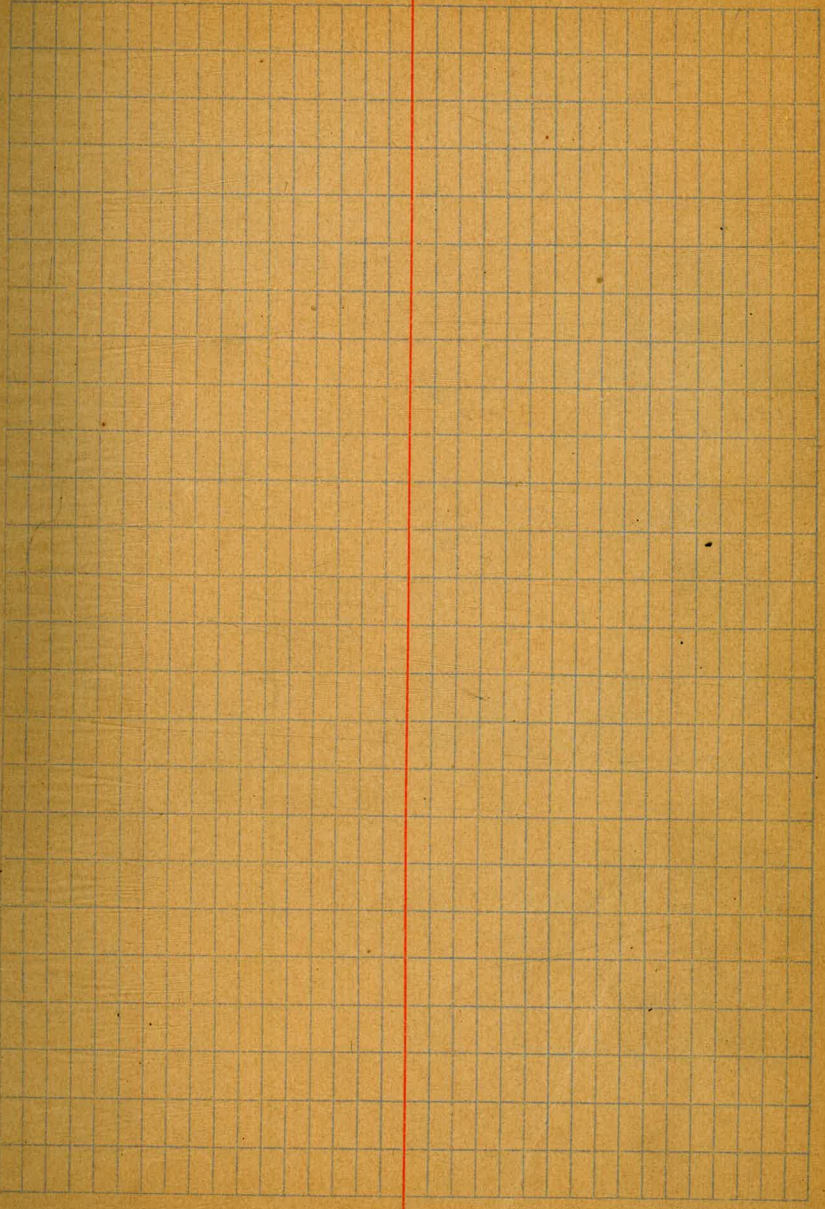
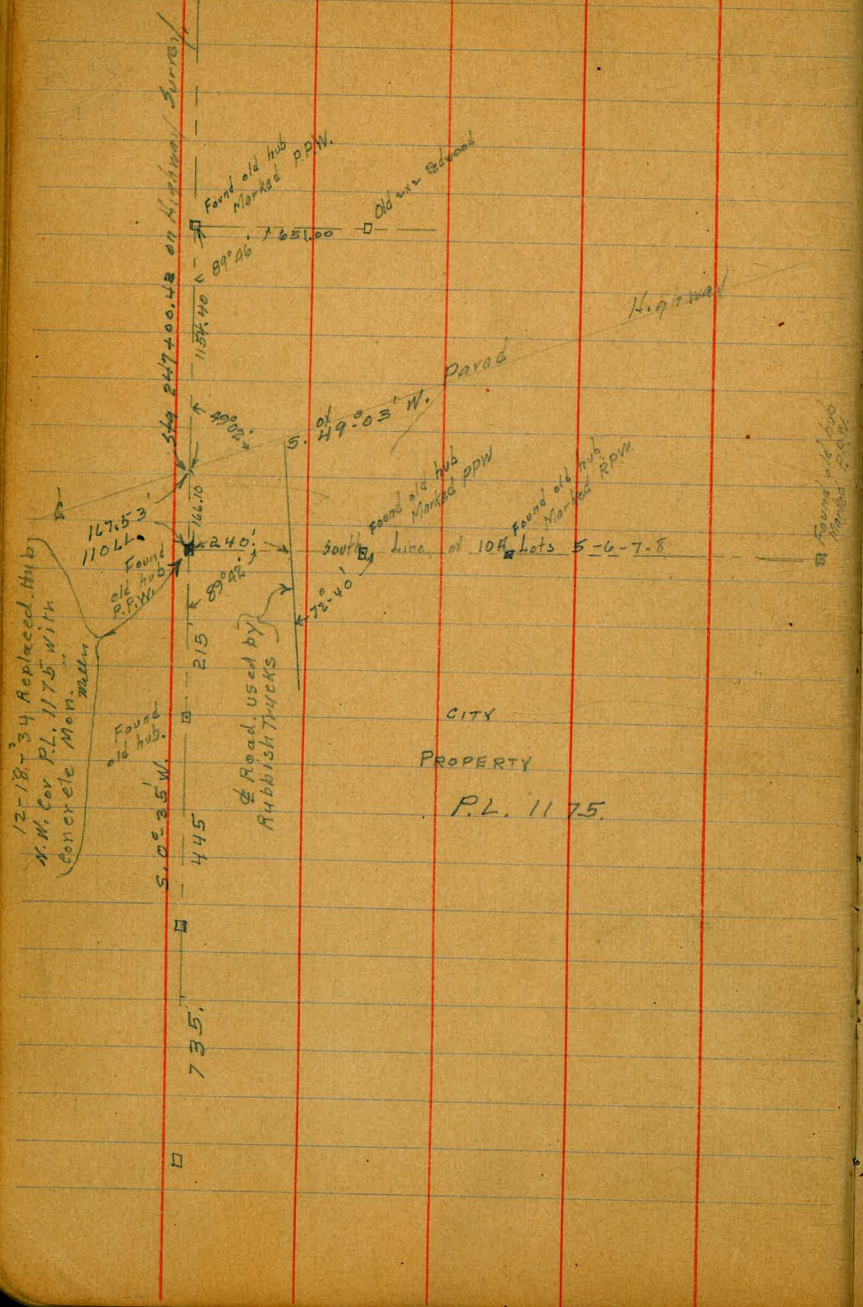
27



2/15/22 Oregon
Forest
Wiley
Shaw

Survey of West Line of
P. Lot 1175

217 West of 712



3/24/28

Survey of Mission Valley Road
Extension to Camp Kearney Road.

3+93.51 Δ 122°39' L

78.9°

3+14.61 Δ 27°50' R

125.0°

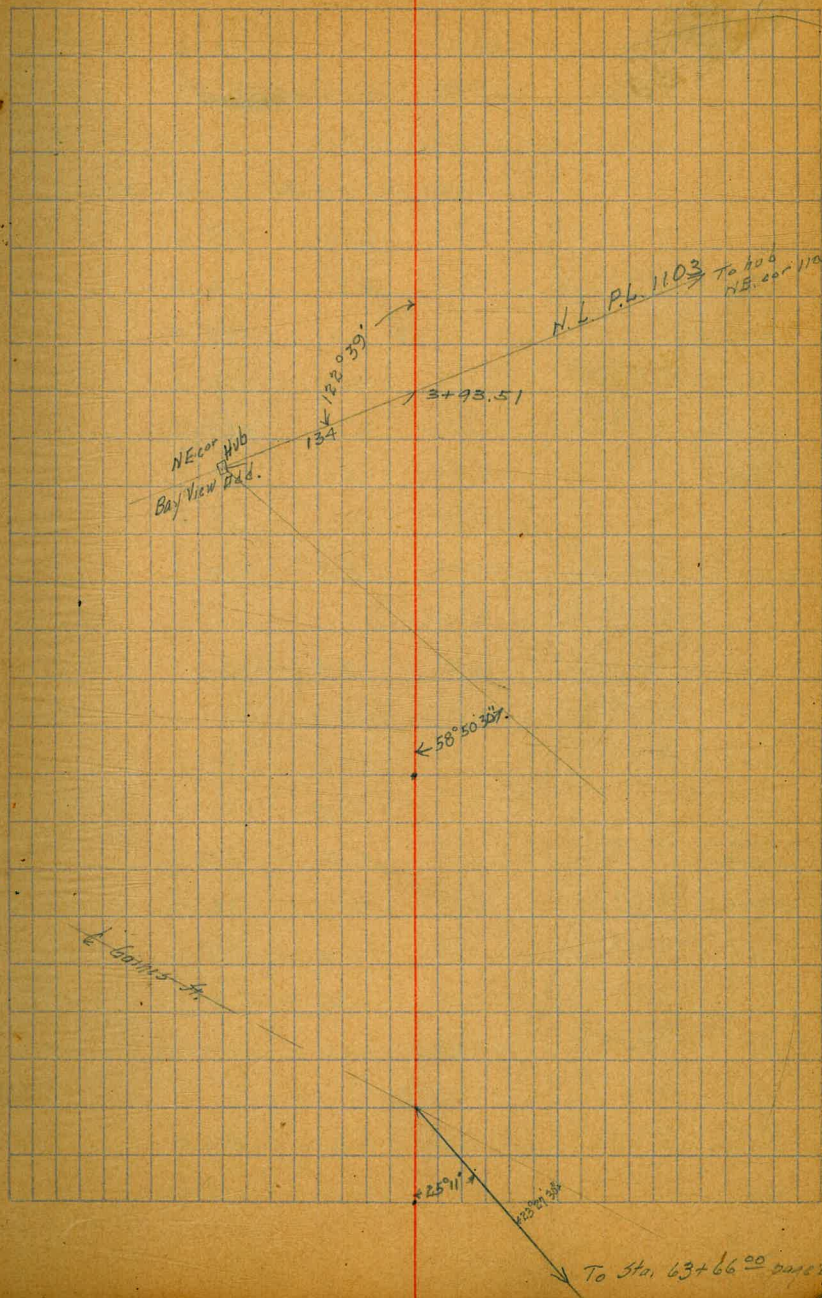
1+88.81 Δ 28°54' R

0+84.28 Δ 17°24'30" R

58+03.24 of survey of 1929
= 0+00

39.26
45
84.28

29



Moore
1961
Babe
8 11/2

Cross Section of State St. Middle 50'
Sl. Palm to NL Nutmeg

	π		
12.72	156.28		143.56 BP under vault olive & Columbian
12.58	168.65	0.21	156.07
12.60	181.02	0.23	168.42

SL Palm = 40' S of π Palm

E		2.4	178.6
+9		4.8	176.2
+20		7.0	174.0
+28		8.7	172.3
+39		11.5	169.5
+43		13.1	167.9
W		18.0	163.0
+15		18.7	162.3

25' S

-15		15.9	165.1
W		15.0	166.0
+4		15.2	165.8
+11		9.5	171.5
+23		6.9	174.1
+35		4.1	176.9
+45		2.2	178.8
E		1.2	179.8

T.P. 941 189.83 0.60 180.42

50' S

E		8.8	181.0
+10		11.0	178.8

189.83

30

+20	12.9	176.9
+30	14.8	175.0
+39	16.6	173.2
+46	21.3	168.5
W	20.8	169.0
+13	21.9	167.9
+15	21.2	168.6

80' S

-15	16.9	172.9
-10	17.5	172.3
W	17.0	172.8
+6	16.7	173.1
+11	13.2	176.6
+20	11.5	178.3
+35	9.6	180.2
+45	7.6	182.2
E	7.0	182.8

91' S

E	4.6	185.2
+10	7.3	181.5
+20	9.7	180.1
+37	11.2	178.6
+45	15.0	174.8
W	15.3	174.5
+7	15.5	174.3
+10	14.4	175.4

189.83

	100' S	
-12	13.3	176.5
-7	14.5	175.3
W	14.0	175.8
+5	13.7	176.1
+16	9.9	179.9
+27	8.4	181.4
+40	6.6	183.2
+45	5.7	184.1
E	4.2	185.6
	107' S	
E	4.6	185.2
+10	6.0	183.8
+20	7.3	182.5
+35	9.1	180.7
+43	12.9	176.9
W	13.3	176.5
+7	13.5	176.3
+13	12.3	177.5
	125' S	
-10	11.0	178.8
-5	11.4	178.6
W	11.1	178.7
+10	10.8	179.0
+17	7.2	182.6
+30	5.9	183.9

189.83

State S+
31

+40	4.7	185.1
E	3.5	186.3
	150' S	
E	2.2	187.6
+10	3.1	186.7
+25	4.6	185.2
+30	7.6	182.2
+40	7.8	182.0
W	8.4	181.4
+3	8.5	181.3
+8	8.3	181.5
	175' S	
W	6.6	183.2
+15	5.7	184.1
+34	4.7	185.1
+40	2.5	187.3
E	1.4	188.4
	185' S	
E	1.9	187.9
+10	3.5	186.3
+25	4.4	185.4
+35	5.2	184.6
W	6.3	183.5
	200' S	
W	6.1	183.7
+10	5.4	184.4

189.83

+25	3.9	185.9
+35	3.2	186.6
E	1.6	188.2

225' S

E	0.9	188.9
+10	2.1	187.7
+12	2.8	187.0
+25	3.3	186.5
+35	4.2	185.6

+47 = Cr. of Eucalyptus (Living) 36" Diam.

W	5.8	184.0
---	-----	-------

250' S

W	5.5	184.3
---	-----	-------

+2 Cr. Eucalyptus stump (dead) 36" Diam

+15	4.5	185.3
+25	3.0	186.8
+39	2.6	187.2
+40	1.5	185.3
E	0.8	189.0

273' S. 3' E of W.L. = Cr. Eucalyptus Stump (Dead) 36" diam

275' S

E	1.0	188.8
+8	1.7	188.1
+10	2.6	187.2
+18	2.4	187.4
+25	3.0	186.8

189.83

State St.

32

+35	4.5	185.3
W	5.8	184.0

298' S. 2' E of W.L. = Dead Eucalyptus Stump 36" Diam

300' S

W	6.5	183.3
+10	5.0	184.8
+20	3.9	185.9
+22	2.5	187.3
+41	2.8	187.0
+43	1.8	188.0
E	1.7	188.1

325' S

E	1.7	188.1
+7	2.5	187.3
+9	3.1	186.7
+19	2.9	186.9
+30	4.1	185.7
+40	5.3	184.5
W	6.9	182.9

341' S = Date Palm 6" Diam 7' E of W.L.

350' S

W	6.9	182.9
+7 = Eucalyptus 3" Diam (Living)	6.0	183.8
+15	5.3	184.5
+25	3.8	186.0
+41	3.3	186.5

18983

+42	2.8	187.0
E	2.0	187.8
	375' S	
E	3.4	186.4
+10	4.0	185.8
+20	4.2	185.6
+40	5.7	184.1
W	6.8	183.0
	389.8' S ^{16' 16" R} _{Approx. = Split of Δ on W}	
W	6.9	182.9
+15	5.9	183.9
+28 = S edge M.H. Run	4.71	185.12
+40	4.8	185.0
E	4.3	185.5
	396.9' S on EL to 389.8' S on WL ^{± of Olive St} = Split of Δ	
E	4.5	185.3
+15	5.0	184.8
+25.25 on E. Main	4.95	184.88
+40	6.1	183.7
W = + 50.50	6.9	182.9
	389.8' S = 0+00	
W	6.9	182.9
+10	6.3	183.5
+25	5.3	184.5
+40	5.2	184.6
E	4.9	184.9

18983

State St

33

	25' S	
E	7.1	182.7
+10	6.9	182.9
+25	7.2	182.6
+35	7.7	182.1
W	8.1	181.7
	50' S	
W	9.9	179.9
+11	9.9	179.9
+25	9.6	180.2
+40	9.5	180.3
E	9.3	180.5
	65' S on E Cement walk to Residence	
E - 0.5'	10.10	179.7
	75' S	
E	11.6	178.2
+15	11.9	177.9
+35	12.3	177.5
W	12.2	177.6
T.P. 0.52	177.31 ✓	13.04 176.79 ✓
	100' S	
W	2.0	175.3
+10	2.7	174.6
+25	2.4	174.9
+40	1.9	175.4
E	1.5	175.8

	177.31	174.74
E 115' S = Cement walk	2.57	to residence
	125' S	
- 32 Garage floor	4.70	172.6
E 4 of Driveway	4.4	172.9
+10	4.4	172.9
+25	4.7	172.6
+38	5.1	172.2
+40	4.5	172.8
W	4.9	172.4
138' S on E	5.4	171.9 <small>on Brick walk to Residence</small>
	150' S	
- 12.5	8.0	169.3
W	7.9	169.4
+ 5	8.8	168.5
+ 11	8.7	168.6
+ 25	8.0	169.3
+ 40	7.8	169.5
E	7.5	169.8 <small>Hedge on line</small>
+ 12.5	6.9	170.4 <small>in yard</small>
	175' S	
- 12.5	12.7	164.6
E	12.0	165.3
+ 15	11.5	165.8
+ 25	11.5	165.8
+ 35	11.5	165.8
W	11.8	165.5

		State St.	34
+ 12.5		11.8	165.5
T.P.	1.50	165.91	12.90
		164.41	
		177' S	
- 12.5		0.9	165.0
W		0.7	165.2
+ 10		0.5	165.4
+ 25		0.3	165.6
+ 40		1.1	164.8
E		1.6	164.3
E - 1.5	181.5' S on E =	1.75	164.16 <small>Earth floor</small>
			Garage 13' x 19'
		187' S	
- 12.5		1.7	164.2
E		1.9	164.0
+ 20		1.2	164.7
+ 35		1.5	164.4
W		2.3	163.6
+ 12.5		1.9	164.0
		188' S	
- 12.5		2.3	163.6
W		2.6	163.3
+ 4		3.0	162.0
+ 8		2.4	163.5
+ 20		2.2	163.7
+ 35		2.7	163.2
E		3.8	162.1
+ 12.5		6.7	159.2

16591

193' S

-12.5	8.0	157.9
E	5.6	160.3
+10	4.0	161.9
+20	4.1	161.8
+30	3.3	162.6
+42	3.5	162.4
+46	4.3	161.6
W	3.4	162.5
+12.5	3.0	162.9

200' S

-12.5	4.7	161.2
W	4.9	161.0
+4	5.1	160.8
+7	5.7	160.2
+10	5.0	160.9
+20	5.7	160.2
+28	5.8	160.1
+30	6.7	159.2
+40	7.2	158.7
E	8.0	157.9
+12.5	10.1	155.8
+25	11.2	154.7

214' S

-25	16.1	149.8
-12.5	15.1	150.8

16591

State St
35

E	14.0	151.9
+6	13.1	152.8
+10	12.4	153.5
+20	11.5	154.4
+25	10.6	155.3
+30	10.5	155.4
+40	9.3	156.6
W	8.7	157.2
+12.5	7.5	158.4

231' S

-12.5	11.0	154.9	
W	12.5	153.4	
T.P. 0.61	153.89	12.63	152.28v
+4	0.8	153.1	
+10	2.4	151.5	
+21	3.9	150.0	
+27	4.7	149.2	
+37	5.3	148.6	
E	6.5	147.4	
+12.5	7.1	146.8	
+25	9.6	144.3	

260' S

-30	21.4	132.5
-12.5	17.8	136.1
E	17.4	136.5
+10	15.9	138.0

15389

+ 25	13.0	140.9
+ 35	11.2	142.7
+ 42	10.4	143.5
W	9.2	144.7
+ 7	7.8	146.1
+ 12.5	5.5	148.4
269' S		
- 12.5	7.1	146.8
W	10.6	143.3
+ 4	10.9	143.0
+ 12	14.6	139.3
+ 14	12.9	141.0
+ 30	16.4	137.5
+ 35 = NE Cor. of garage	16.6	137.3
E	20.3	133.6
+ 12.5	22.0	131.9
+ 30	24.7	129.2
271' S		
- 30	25.2	128.7
- 12.5	22.7	131.2
E	20.8	133.1
+ 7	18.6	135.3
+ 15	17.7	136.2
+ 15.3	16.7	137.2
+ 33.7 = NW Cor garage	17.6	136.3
+ 47	14.8	139.1

garage floor
Elev

15389

State St
36

W	10.9	143.0
+ 12.5	7.3	146.6
281' S		
- 12.5	8.5	145.4
- 7	11.0	142.9
W	12.7	141.2
+ 4	15.8	138.1
+ 17.6	17.2	136.7
+ 35.7 = SE Cor Garage	17.4	136.5
+ 36	21.0	132.9
E	23.8	130.1
+ 12.5	26.3	127.6
+ 30	28.4	125.5
+ 40	30.1	123.8
283' S		
- 40	30.9	123.0
- 25	29.0	124.9
- 12.5	26.5	127.4
E	24.0	129.9
+ 14	21.5	132.4
+ 20	20.0	133.9
+ 32.5 = SW Cor garage	17.4	136.5
+ 47	15.8	138.1
W	12.9	141.0
+ 12.5	9.1	144.8
T.P. 223	144.81	11.31 142.581

144.81 ✓

300'

-12.5	2.8	142.0
-4	4.1	140.7
W	7.4	137.4
+2	9.3	135.5
+17	9.5	135.3
+25	12.1	132.7
+37	15.4	129.4
E	18.7	126.1
+12.5	21.9	122.9
+40	26.4	118.4

314' S

-45	32.3	114.5
-38	32.0	112.8
-12.5	26.3	118.5
E	22.8	122.0
+13	17.6	127.2
+25	13.9	130.9
+37	11.7	133.1
+45	11.3	133.5
W	9.5	135.3
+4	7.7	137.1
+12.5	3.3	141.5

332' S

-13	4.2	140.6
-12.5	5.1	139.7

El. of
Driveway

144.81

State 37

W	11.9	137.9
+7	14.3	130.5
+17	14.5	130.3
+40	20.0	124.8
E	22.7	122.1
+12.5	27.6	117.2
+15	29.0	115.8
+29	32.5	112.3
+33	35.0	109.8
+45	36.4	108.4
	345' S	
-55	40.8	104.0
-47	39.5	105.3
-45	42.7	102.1
-37	38.3	106.5
-12.5	28.0	116.8
-4	26.0	118.8
E	24.3	120.5
+20	20.3	124.5
+32	15.4	129.4
+46	15.3	129.5
W	14.6	130.2
+8	12.3	132.5
+9	7.9	136.9
+12.5	7.8	137.0
+18	4.7	140.1

El. of Drive

144.81

355' S

-17	5.3	139.5	EL Drive
-12.5	6.4	138.4	
W	15.7	129.1	
+3	16.6	128.2	
+16	17.2	127.6	
+27	22.0	122.8	
E	26.0	118.8	
+12.5	28.9	115.9	
+50	45.0	99.8	
+60	45.0	99.8	

362' S

-70	46.3	98.5	
-50	45.5	99.3	
-12.5	30.6	114.2	
E	28.7	116.1	
+27	21.0	123.8	
+30	18.5	126.3	
+38	17.2	127.6	
W	16.8	128.0	
+5	14.8	130.0	
+9	11.7	133.1	
+12.5	7.0	137.8	
+18	5.7	139.1	EL Drive

363' S

-18	5.7	139.1	
-----	-----	-------	--

144.81

State St

38

-12.5	7.1	137.7	
-9	11.7	133.1	
-5	14.8	130.0	
W	16.8	128.0	
+12	17.2	127.6	
+20	18.5	126.3	
+23	21.0	123.8	
+47	28.2	116.6	
E	33.0	111.8	
+2	33.5	111.3	
+12.5	30.7	114.1	
+50	45.7	99.1	
+70	46.4	98.4	

370' S

-18	6.2	138.5	EL Drive
-12.5	8.0	136.8	
-3	16.5	128.3	
W	17.0	127.8	
+13	17.5	127.3	
+35	21.6	123.2	
+40	24.7	120.1	
+41	27.4	117.4	
+49	30.3	114.5	
E	34.0	110.8	
+12.5	36.0	108.8	
+15	34.1	110.7	

14481

+25	36.8	108.0
+55	48.0	96.8
+70	49.6	95.4
371' S		
-70	49.8	95.0
-55	48.2	96.6
-25	37.0	107.8
-15	34.3	110.5
-12.5	37.0	107.8
-2	36.4	108.4
E	29.4	115.4
+15	21.6	123.2
+37	17.5	127.3
W	17.0	127.8
+3	16.5	128.3
+12.5	8.0	136.8
+18	6.3	138.5 EL Drive

383' S

-18	8.0	136.8 - ✓
-12.5	8.0	136.8
-5	14.5	130.3
W	15.8	129.0
+20	17.0	127.8
+35	18.0	126.8
E	27.8	117.0
+12.5	36.1	108.7

14481

State St.
39

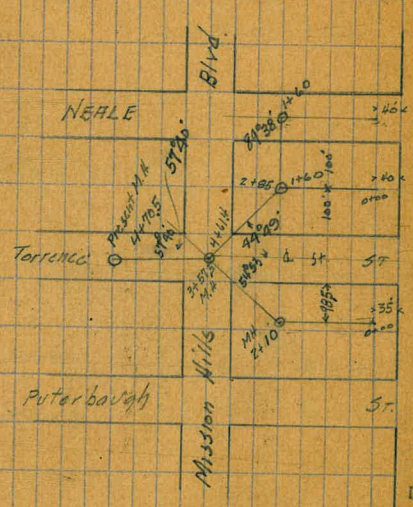
+20	39.3	105.5
+30	42.6	102.4
+55	50.3	94.5
+70	53.7	91.1
Approx 399.7' S = N.H. Nutmeg		
-70	55.0	89.8
-30	42.1	102.7
-12.5	32.8	112.0
E	25.6	119.2
+15	16.8	128.0
+30	15.4	129.4
W	14.8	130.0
+8	13.8	131.0
+12.5	12.3	132.5
-18	12.0	132.8 EL Drive
T.P.	5.09	137.61
		12.29
		6.37
		132.52
		131.24
		121.30

BM Nutmeg
Column
121.30

Sewer Construction
 & of Blk bet Torrence, Puterbaugh
 West of Pringle

35' W of W.L. Pringle	1.00	242.71	241.71	Mon Torrence & Pringle
+0+00			4.00	238.71 234.5
+0+50			2.78	239.93 234.0
1			3.61	239.10 233.5
T.P.	4.06	240.44	6.33	236.38
+30 break			6.53	233.91 230.40
+50				
T.P.	0.40	227.70	13.14	227.30
2			1.11	226.59 223.40
+10 M.H.	$\Delta 54^{\circ}32'R$ 6.22	230.03	3.89	223.81 220.0
+50			10.81	219.22 212.91
T.P.	0.40	217.54	12.91	217.12
+70				
3	0.38	205.14	12.78	207.76 201.56
+10				
+27				
+42				
T.P.	0.57	192.90	12.81	192.33
+57.50	$\Delta 57^{\circ}40'L$ = M.H. Torrence Mission Hills Blvd		2.75	190.15 188.5
+63				
T.P.	0.01	180.39	12.62	180.28
+80 break			0.01	180.28 174.0
+88				
4			8.30	171.99 167.75
+70 break				163.34 161.50
+30	0.47	167.50	13.26	167.03
+30				
T.P.	0.70	155.45	12.75	154.75
+39				
T.P.	4.44	146.94	12.96	142.50
+50 break			5.34	141.60 136.5
+51				
+56				
+70.5 M.H.			11.93	135.91 136.0

+4.21	237.6 = Floor of House
+5.93	
+5.60	237.0 = Floor of House
+3.51	
+3.19	
+1.81	Grd
+6.31	12.0 218.0
	25 214.7
+3.20	3.6 203.9
	47 200.4
	79 197.2
	123 192.8
+1.65	24 190.5
	35 189.4
+6.28	36 176.7
+4.24	82 172.1
+1.84	145 162.8
	96 157.9
	121 155.1
	56 149.9
+5.10	66 140.3
	88 138.1
	81 138.8



57
57
57
57

Sewer Construction
 @ Maple St
 from 40' to W.L. Pringle

	12.9°	254.61		241.71	GRADE Main Pringle Terrace
0+00			2.75	251.86	249.0
+50			5.76	248.85	245.5
1			8.81	245.80	242.0
T.P.			11.57	243.04	
+60 M.H. $\Delta 89^{\circ}31' L.$		245.29	5.42	239.87	237.80
2			5.20	240.09	236.42
+50			5.60	239.69	234.70
+85 = +60 Page 42 = $\Delta 81^{\circ} M.H.$			7.27	238.02	233.50
		240.19	7.23	238.06	
3			3.28	236.91	231.77
+40 break				233.35	227.0
+50			9.62	230.57	223.83
+57					
T.P.	236	23003	12.52	227.67	
+75					
+90					
T.P.	042	21754	12.91	217.12	
4			5.57	211.97	209.98
+15					
T.P.	038	20514	12.78	204.76	
+23					
+40					
+55					
T.P.	057	29290	12.81	192.33	
+61.4 = M.H. & Terrace					
= 3+57.50 page 40			2.75	290.15	188.5

+236					
+335					
+380					
+207					
+367	Grid =	239.3			
+499	" =	239.4			
+452	" =	239.7			
+519	" =	234.5			
+635	7.1	233.1			
+674	10.3	229.9			
	12.7	227.5			
	7.2	222.8			
	13.0	217.0			
	6.2	211.3			
+3.99	12.7	204.8			
	2.4	202.7			
	8.7	196.4			
	13.2	191.9			
	2.1	29.05			
+165					

Sewer Construction
Δ Blk. bet Neale + Terrence
from 40' W. x Pringle =

Grade

42

40' W. x Pringle	9.12	253.82	244.70	T.P. page #1	
00			430	249.52	246.50 +3.02
+50			520	248.62	245.0 +3.62 break
1+00			888	244.94	239.77 +5.17
+60 MH			15.20	238.02	233.50 +4.52

Deep Sewer Construction
 3' W. of E. of Columbia St & 6' of E
 from M.H. N.L. of
 To 50' N. of N.L. of Broadway
 B.P. SW
 Col. = E

M.H. & E. St &
 N.L. Columbia

7.42 21.88

14.46

B.P. SW
 Col. = E

0+00

-3.00

+51.20 - M.H. N.L. E. St.

683 15.05 -2.93

+17.98

1+01.20

620 15.68 -2.86

+18.54

1+51.20

594 15.94 -2.79

18.73

2+01.20

567 16.21 -2.72

18.93

2+51.20

5.31 16.57 ✓ -2.65

19.22

3+01.20

5.06 16.82 ✓ -2.58

19.40

3+45.20

4.68 17.20 ✓ -2.52

19.72

3+95.20

4.13 17.75 ✓ -2.45

20.20

T.P. 6.34 23.32
 4+32.7 = M.H. 44' S. of N.L. Broadway

4.90 16.98

+20.27

5.45 17.87 ✓ -2.40

4+82.9

5.50 17.82 ✓ -2.33

20.15

5+34.9 DE

4.98 18.34 -2.25

20.59

1.55 21.77

14.46
 4.34
 18.80

4.10
 17.53
 21.63
 18.80
 2.83

2.58
 24.82
 5.39
 19.53

14.46
 7.83
 22.29

2.52
 24.76
 4.94
 19.82

14.46
 7.70
 22.16

-2.45
 24.74
 4.10
 20.34
 -2.33
 24.62
 4.32
 20.30

-2.25
 24.41
 3.70
 20.68

-2.40
 24.56
 4.28
 20.28

20-8 1/8

10/8/24 Gregory Curb Notes on 20th St

140
47

- ✓ From N.L. Broadway to 21.1 N Good.
- ✓ ✓ 21.1 to 49.1 Not ✓
- ✓ ✓ 49.1 ✓ 110.6 Good
- ✓ ✓ 110.6 N ✓ 123.6 N Not ✓
- ✓ ✓ 123.6 ✓ 148.6 Good
- ✓ ✓ 148.6 ✓ 151.2 ✓ OUT.
- ✓ ✓ 151.2 ✓ 173.7 ✓ Good.
- ✓ ✓ 173.7 ✓ 176.3 ✓ Put in Tree Circle Not in
- ✓ ✓ 176.3 ✓ 199.2 ✓ Good
- ✓ ✓ 199.2 ✓ 201.5 ✓ Put in Tree Circle Not in
- ✓ ✓ 201.5 ✓ 206.1 ✓ Not Good
- ✓ ✓ 206.1 ✓ 223.4 ✓ Good
- ✓ ✓ 223.4 ✓ 226.2 ✓ Put in Tree Circle Not in

West
Curb

- ✓ From S.L. Broadway to 2' S Good
- ✓ ✓ 2' S ✓ 5' V Replace
- ✓ ✓ 53 ✓ 60.8 ✓ Good
- ✓ ✓ 60.8 ✓ 80.8 ✓ Replace
- ✓ ✓ 80.8 ✓ 151.5 ✓ Good
- ✓ ✓ 151.5 ✓ 159.3 ✓ Replace

West curb

- ✓ From N.L. Est to 40.5 N Good.
- ✓ ✓ 40.5 N ✓ 50.1 ✓ Replace
- ✓ ✓ 50.1 ✓ 97.6 ✓ Good
- ✓ ✓ 97.6 ✓ 206.3 ✓ Replace 90 being from 25 to 25 low

East Curb

- ✓ From 74' N. N.L. F St to 86 N OUT.
- ✓ ✓ 37' - - - - - 42' - - - - - Replace } West Curb

- ✓ From 50' N of N.L. F to 62 N Replace } East Curb

- ✓ From 2' N of N.L. G to 5' N. Circle for tree. } West Curb
- ✓ ✓ 86.5 - - - - - To 91' - - - - - OUT.

- ✓ From 4' S of G to 20' S of G. Replace
- ✓ ✓ 139.5 ✓ - - - - - 150.5 ✓ - - - - - Broken Out for Drive Replace } East Curb
- ✓ ✓ 162.5 ✓ - - - - - 180.5 ✓ - - - - - Replace.

- ✓ From 85.5 N of Market to 95.3 N Out on West Curb

- From 20' S of Market to 56' S. Out
- ✓ 72.5 - - - - - 100 ✓ Out
- ✓ 110 - - - - - 118 - Out
- ✓ 152 - - - - - 164 - Out.

West Curb

- ✓ From S.L. Market to 150' S is from 1' to 0.5' oxx Line.
- ✓ Put at SW - + 20th 1' oxx Line on West.

- ✓ From N.L. I St to 150' N. on East is oxx Line nothing at I & S out @ 150' N.

- ✓ Return Curb NW I + 20th Replace.

- ✓ East From 100' S of I to N.L. J curb is oxx Line. 1' oxx @ 300' 100' S + OK @ J St. This curb also shy for depth Replace

- ✓ From 57' S of J to 72' S. Replace. } WEST CURB
- ✓ ✓ 96.5 ✓ - - - - - 115' ✓

- ✓ From 91' S of L to 108.5 OUT } West Cb

5' of Cb in OK from S.L. Imperial S. on West

- ✓ From S.L. Imperial to 59' S. on E. OUT

- ✓ From 160' S of Imperial to 207' S on East Low Replace

New Location of North
Mission Valley Road thru PL 1173

Moore
W. A. Moore
E. A. Moore
11/1/27

20 + 18.60 32° 55' RT

10 + 9.45 13° 41' LT

14 + 09.34 51° 59' 30" RT

10 + 53.0 16° 04' RT

6 + 76.18 6° 00' RT

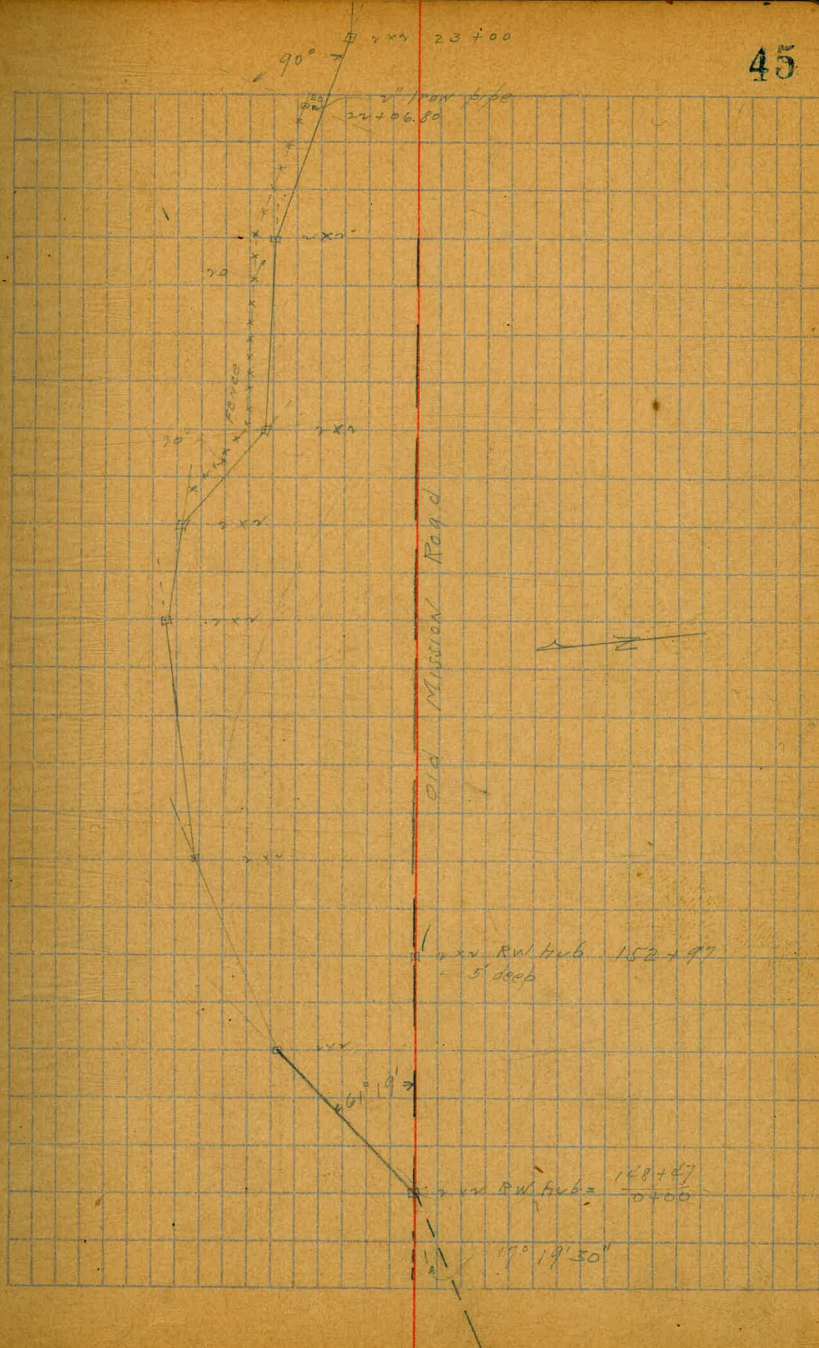
3 + 50 15° 09' 30" RT

1 + 50 P.O.T. 2nd hub

148 + 47 = 0700 61° 19' LT of old survey

see page 24 this book

Plotted
by
Moore
11/1/27



new location of North Mission Valley Road

46

see page 75 this book

47+48.24 = 185 + 46.83 of old Road

xxx bud

27+80.94 = NW Cor. Fl. 1108

29+30.12 = intersection of FL

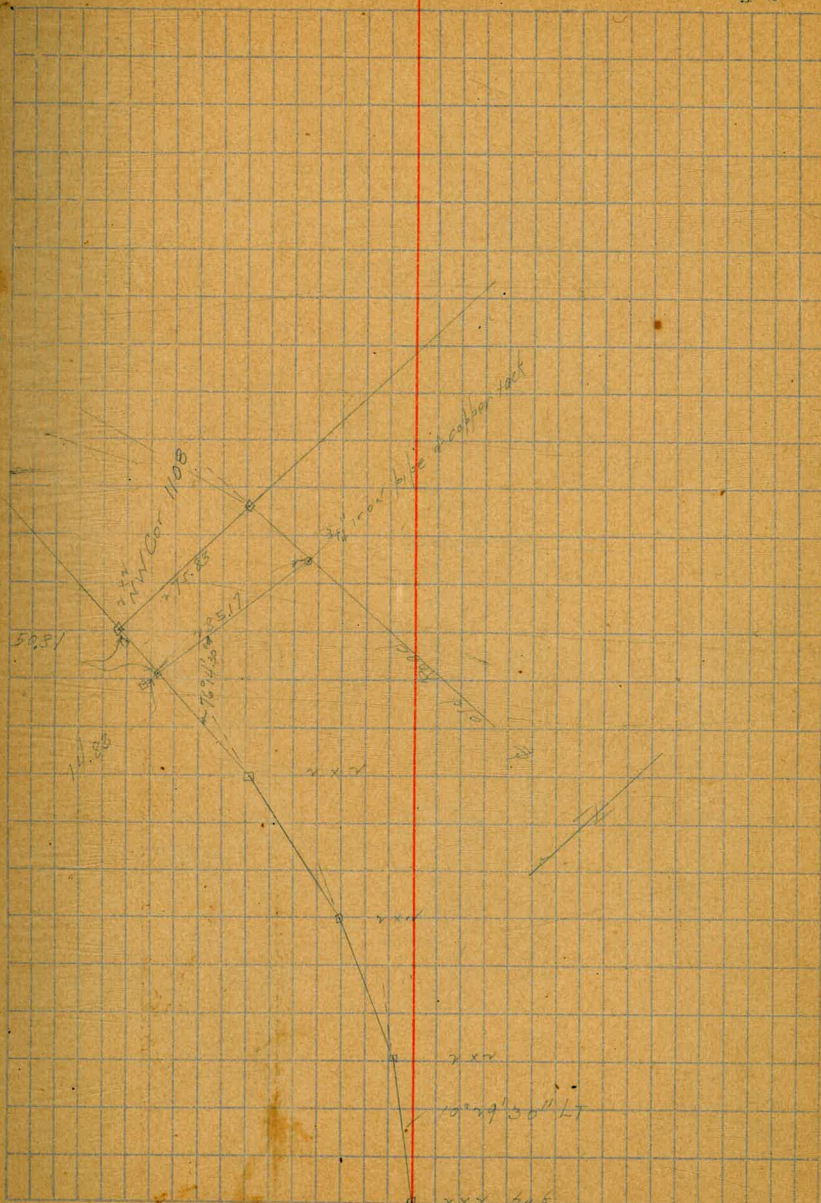
27+80.94 3° 35' 30" LT

25+86.70 10° 18' 30" LT

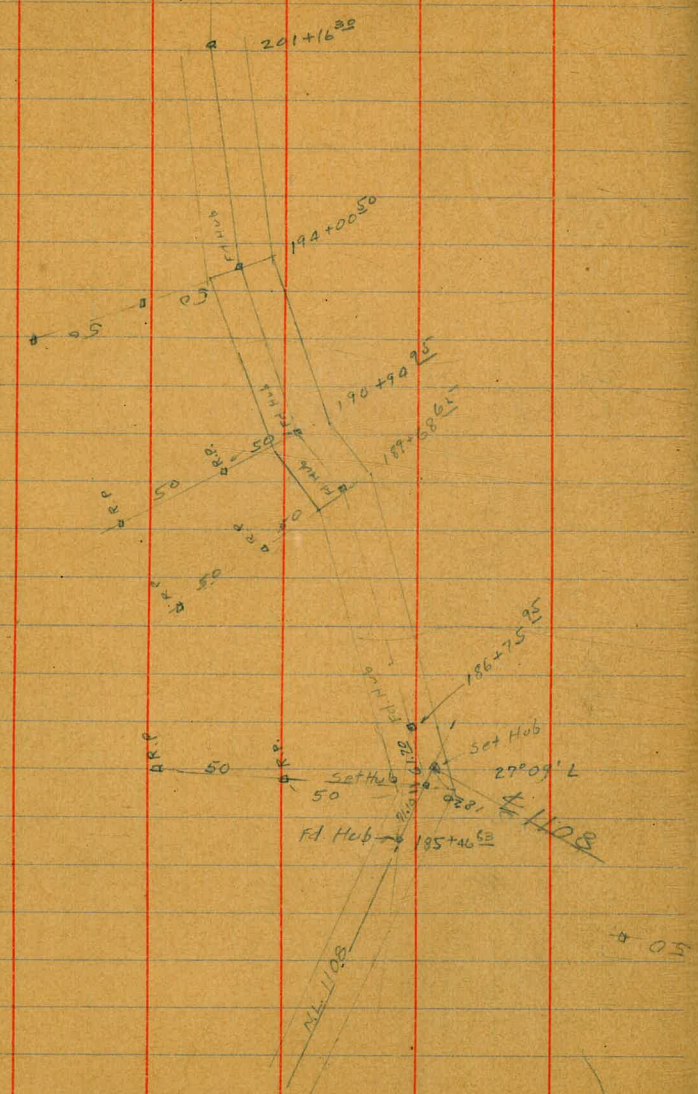
26+87.84 22° 12' LT

23+00 10° 29' 30" LT

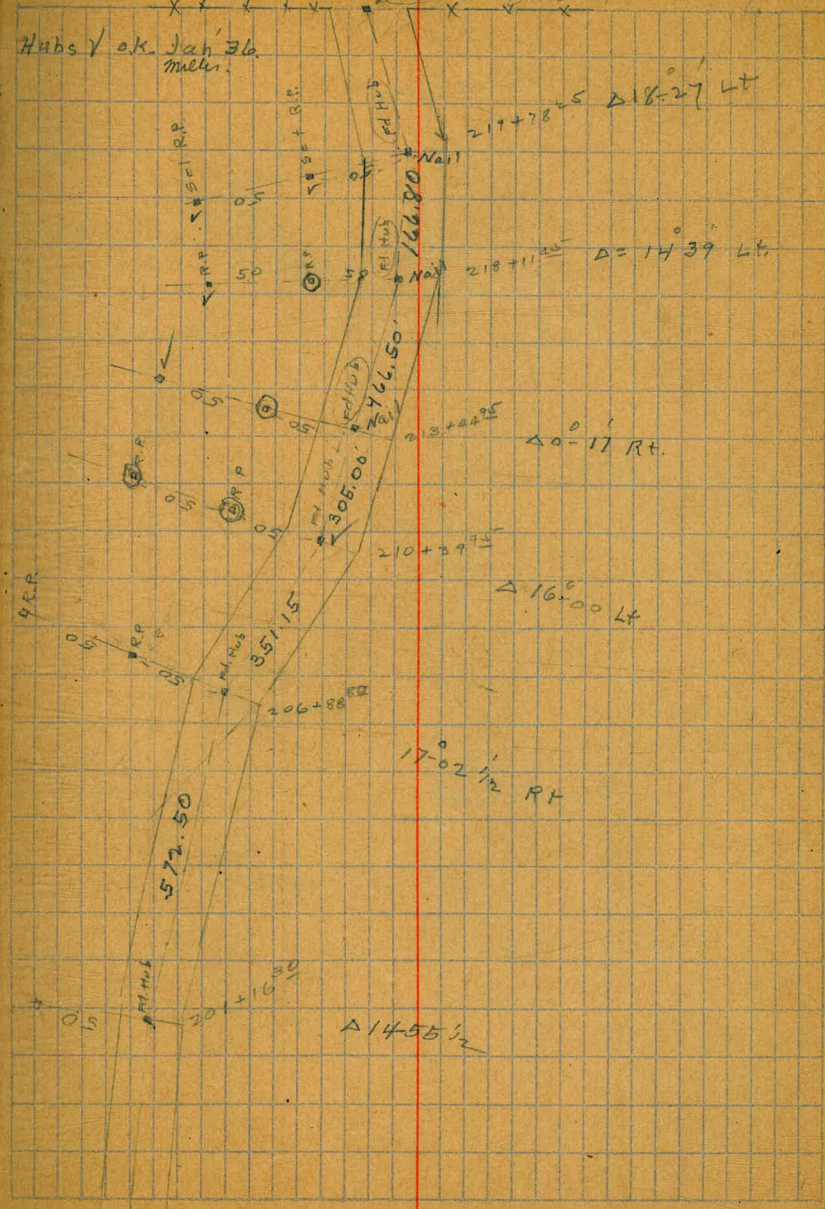
Placed 429.7
shown



5/6/30
 Location of Road North of River
 Loudon
 Dyer
 Isbell
 Kanagy



Retraced as per Alligo on P 27
 City Line 47



Check Meas. on N.L. Pl. 1204, 1205
 To determine N.V. of Pl. 1204

Walker
 Pipe
 Huffman
 10-15-51

110,26834

P.L. 1212

Distance checks L.S. #259

Meas.
 2648.71

Fd. 10" X 10" Conc. Mon.
 Set Ld + Disc.
 "city Engs."

NW 1/4

Set 3/4" X 18"
 Galv. Iron Pipe
 Ld + Disc.

NE 1/4

P.L. 1206

P.L. 1205

3/10/56
 M-2642.03

SW 1/4

Fd. Granite
 Mon. 3/10/56

SE 1/4

FB 2133-7
 Trunk
 Sewer
 Survey

P.L. 1195

Pl. 1196

Pencil on 1406-16 - 3-11-52 M^oQ

1415-1417

P.L. 1213

Distances
 checks L.S. 259
 Along N.L.

Meas.
 2648.70

Set Conc. Mon.
 Marked → 1213 | 1213
 1209 | 1204

Set 3/4" X 18"
 Galv. Pipe + Disc

NW 1/4

NE 1/4

P.L. 1204

2659.86
 Meas.

P.O.T
 Set 3/4" X 18" Galv. Iron Pipe
 Ld. + Disc.

SW 1/4

SE 1/4

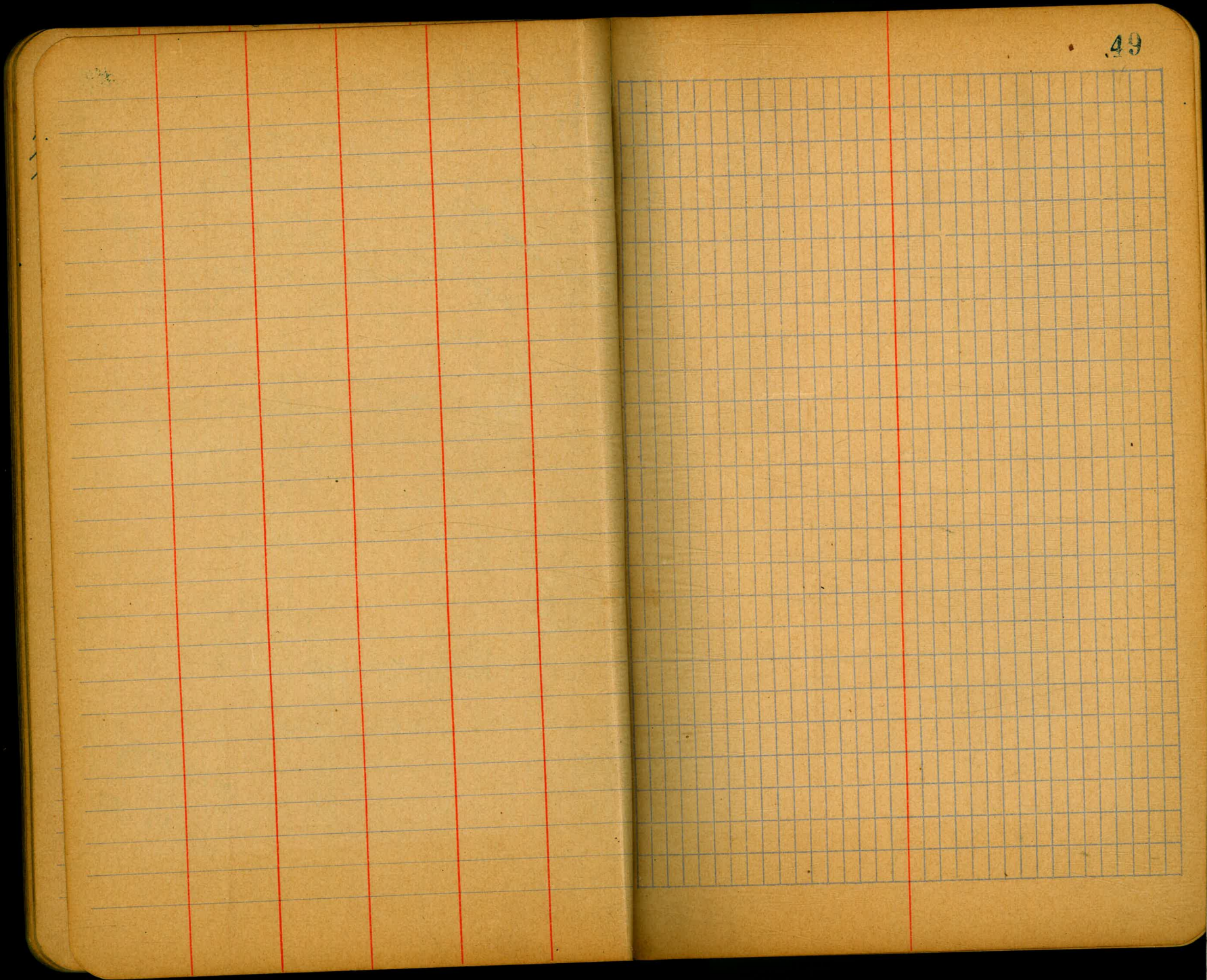
Fd. Conc. Mon. & Disc
 RR #29 F.S. # 282

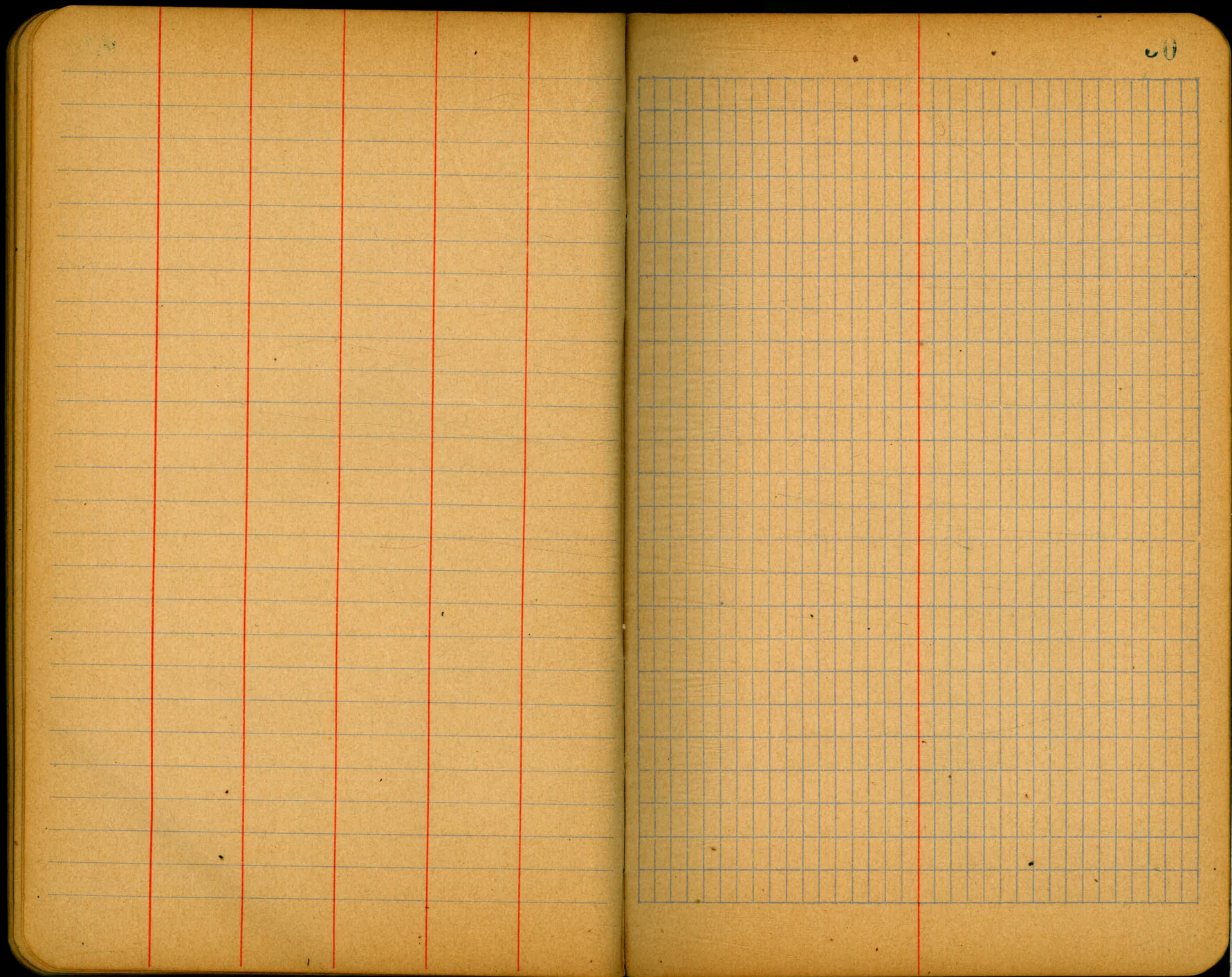
P.L. 1197

0 700 going West.

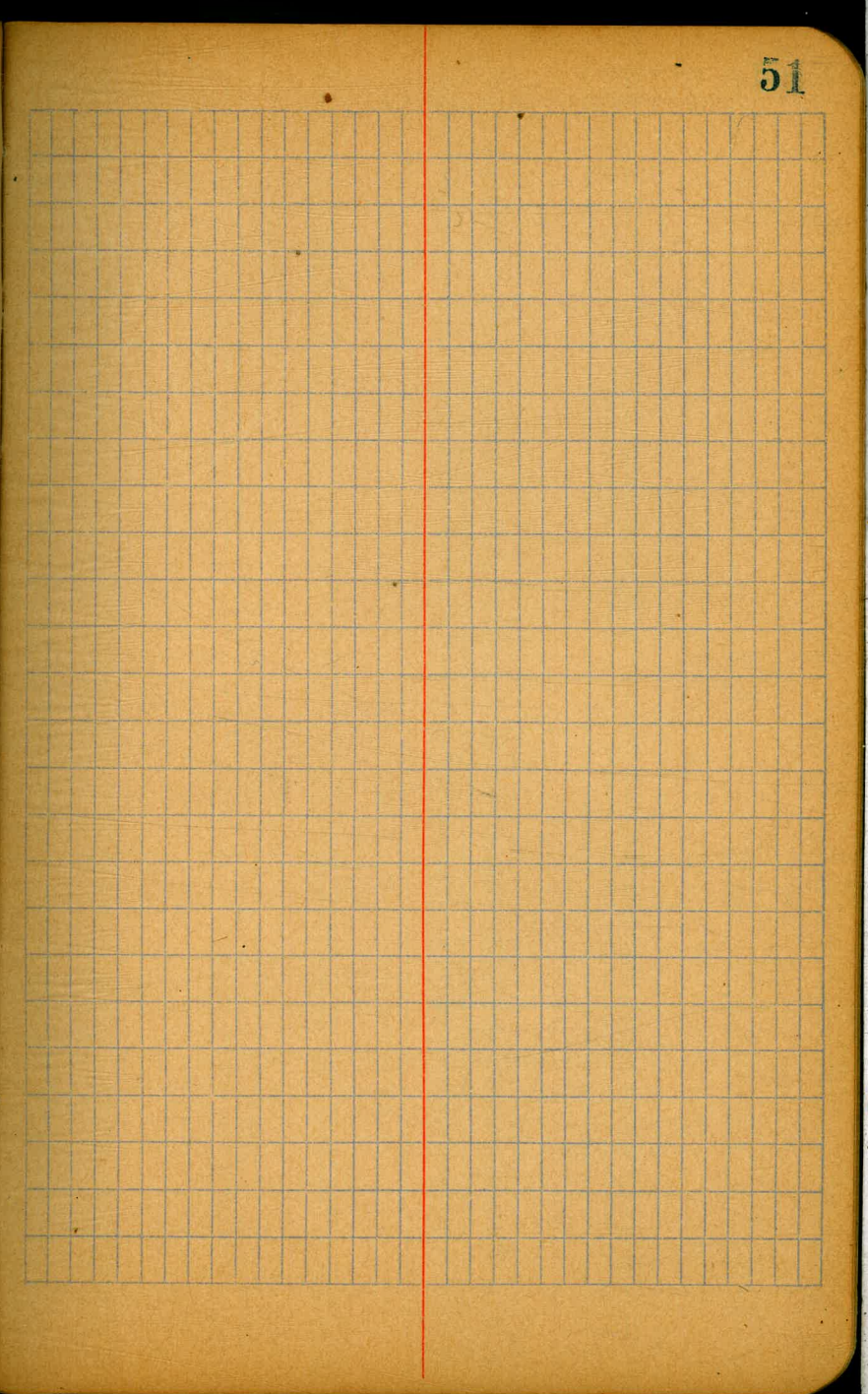
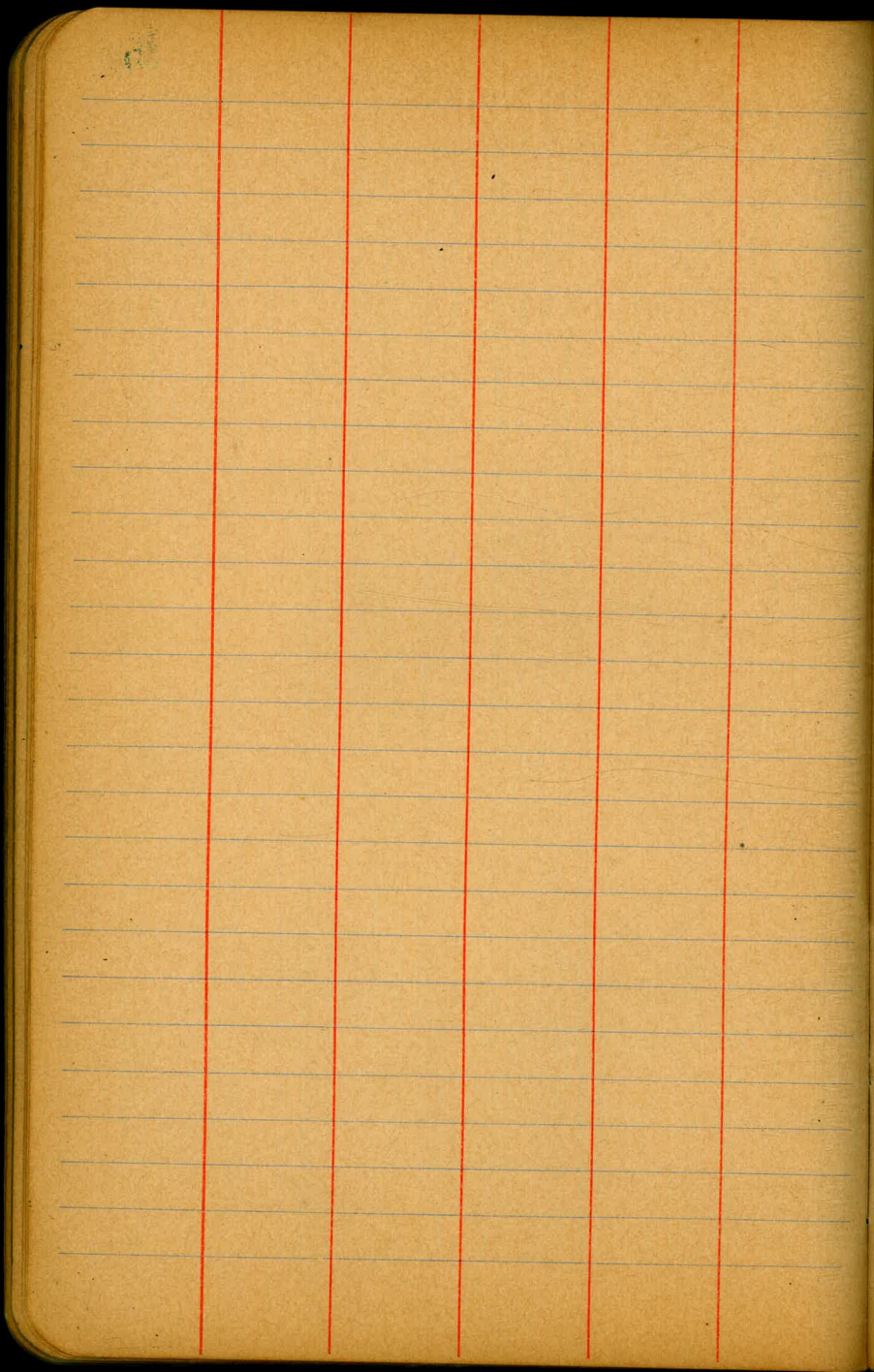
08

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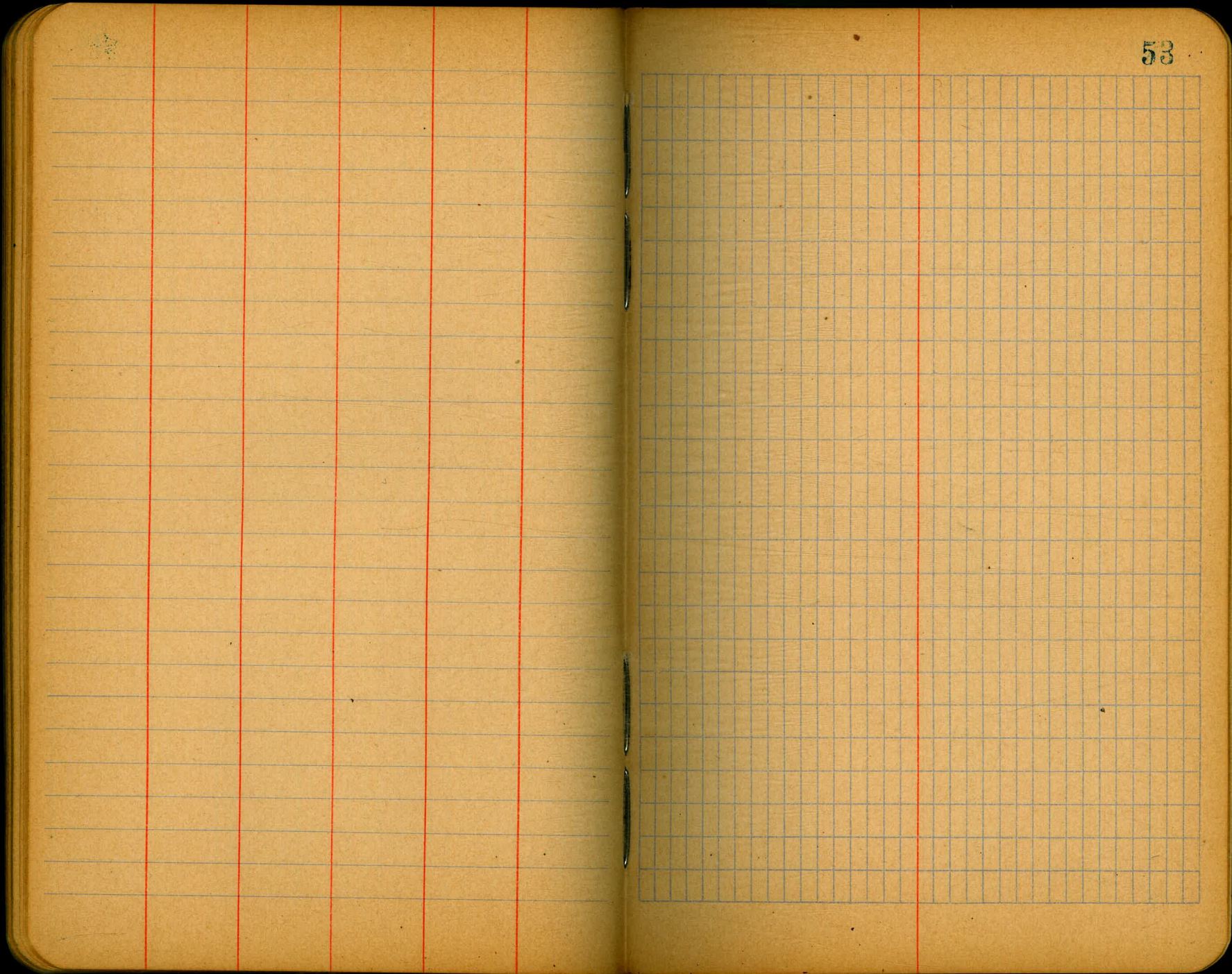
20

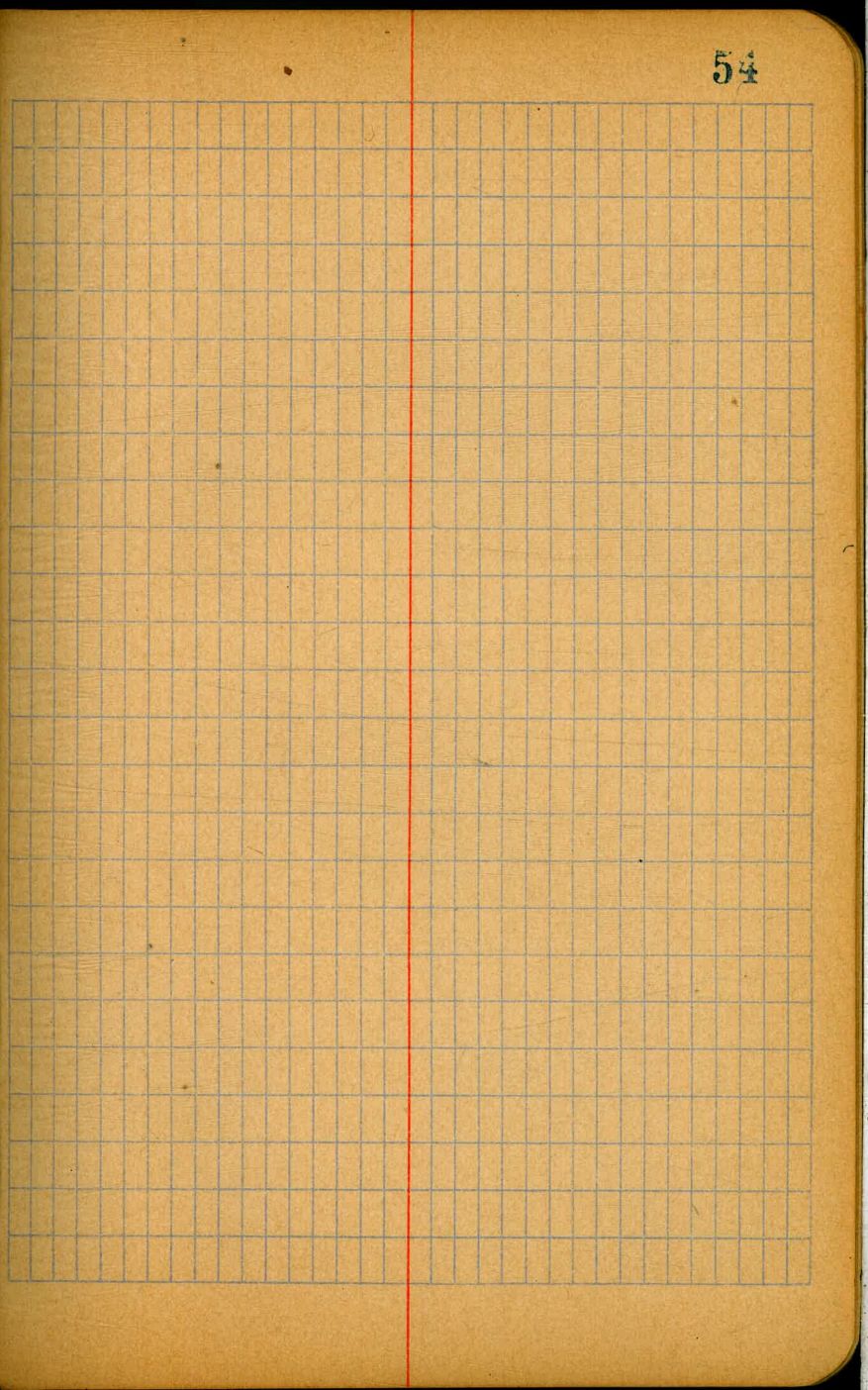
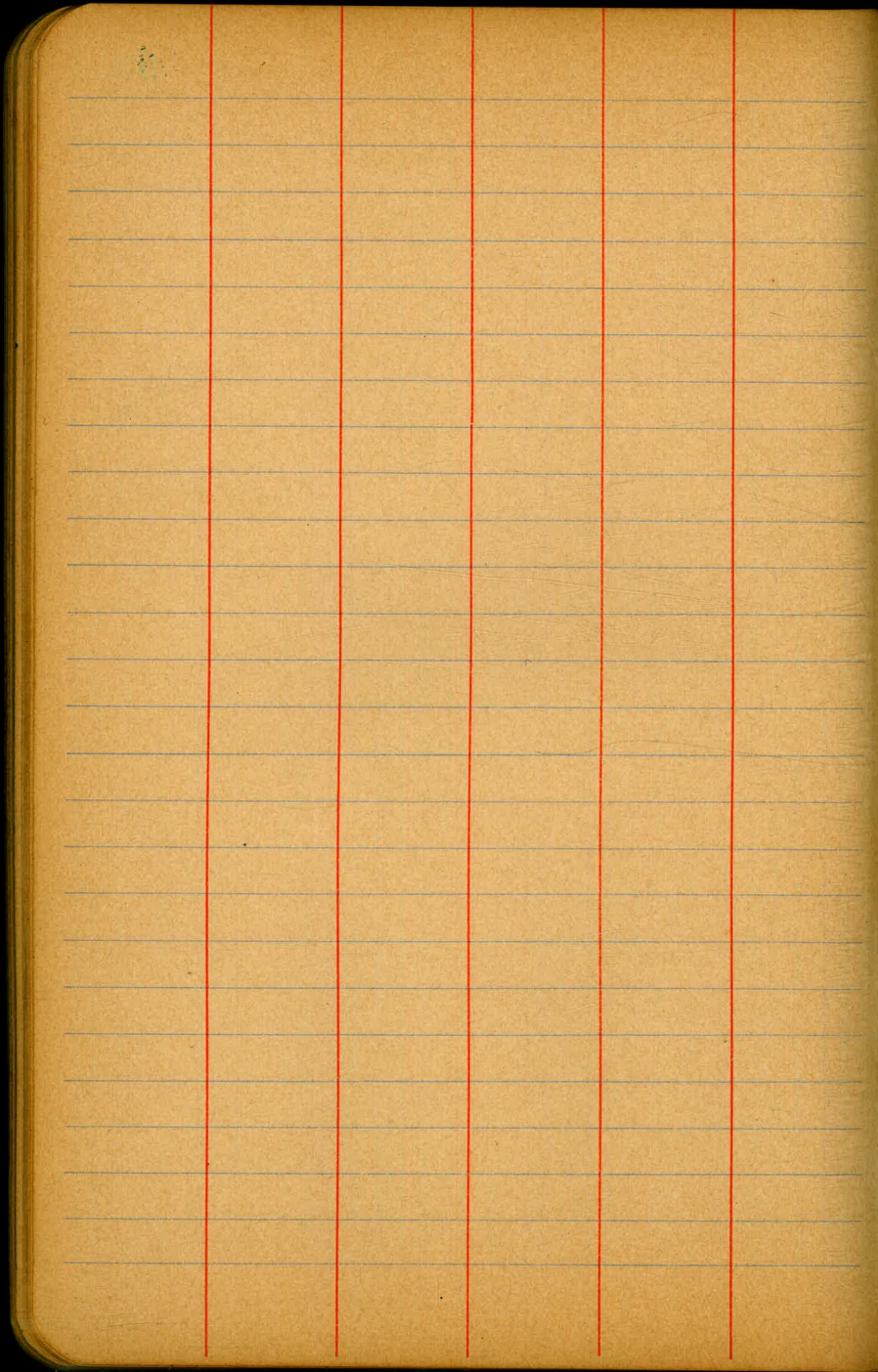


51

52

A grid of 20 columns and 20 rows on page 52. A vertical red line is positioned between the 15th and 16th columns. The grid is composed of light blue lines on a tan background.

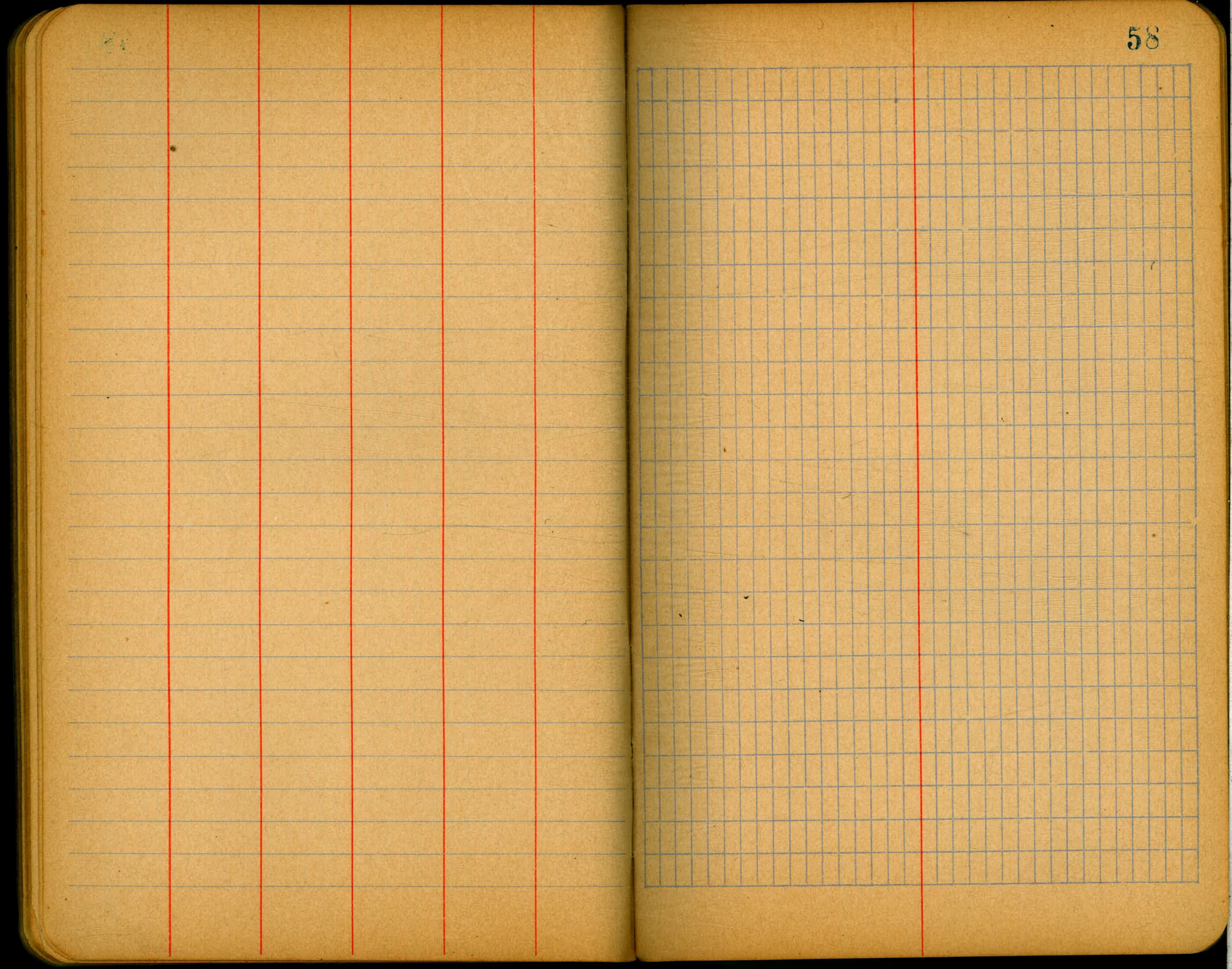


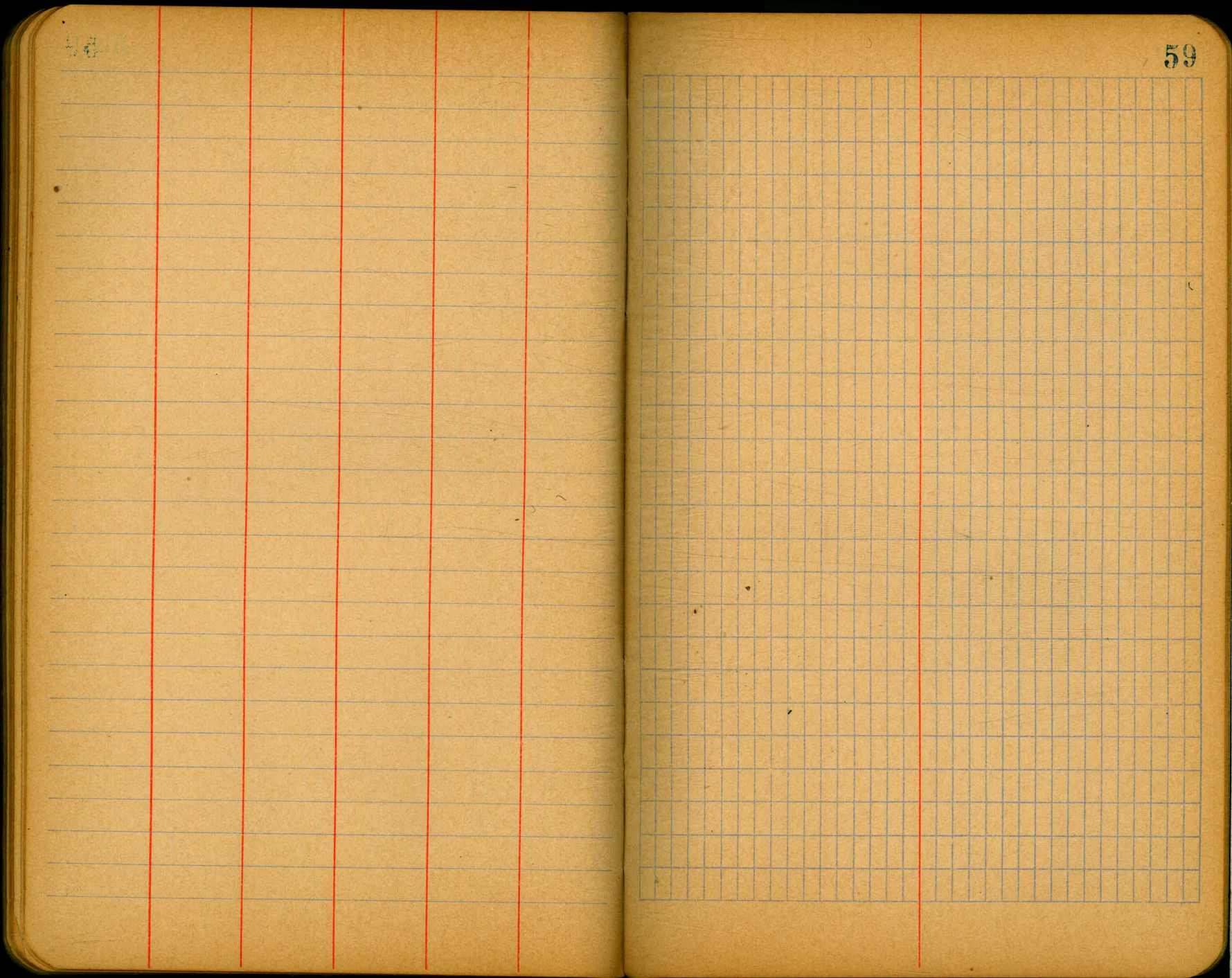


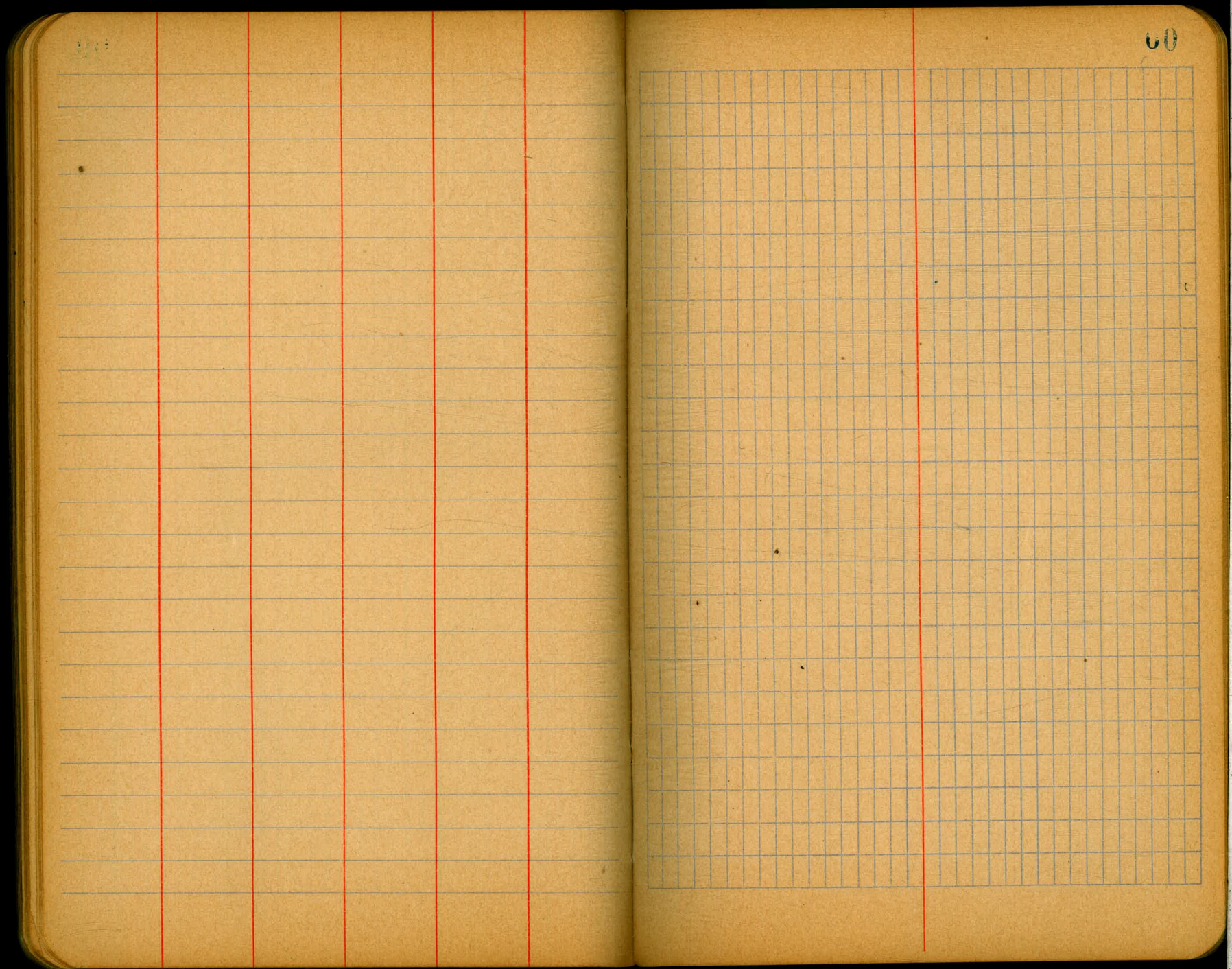
This page features a grid of horizontal lines for writing. It is divided into six vertical columns by five vertical red lines. The columns are of varying widths, with the two innermost columns being the narrowest.

This page features a grid of horizontal lines for writing. It is divided into two vertical columns by one vertical red line. The right column is significantly wider than the left column.

A grid of 20 columns and 20 rows, typical of a ledger page. The grid is formed by light blue lines on a tan background. A single vertical red line is positioned to the left of the grid, approximately one column from the left edge. The grid is empty.



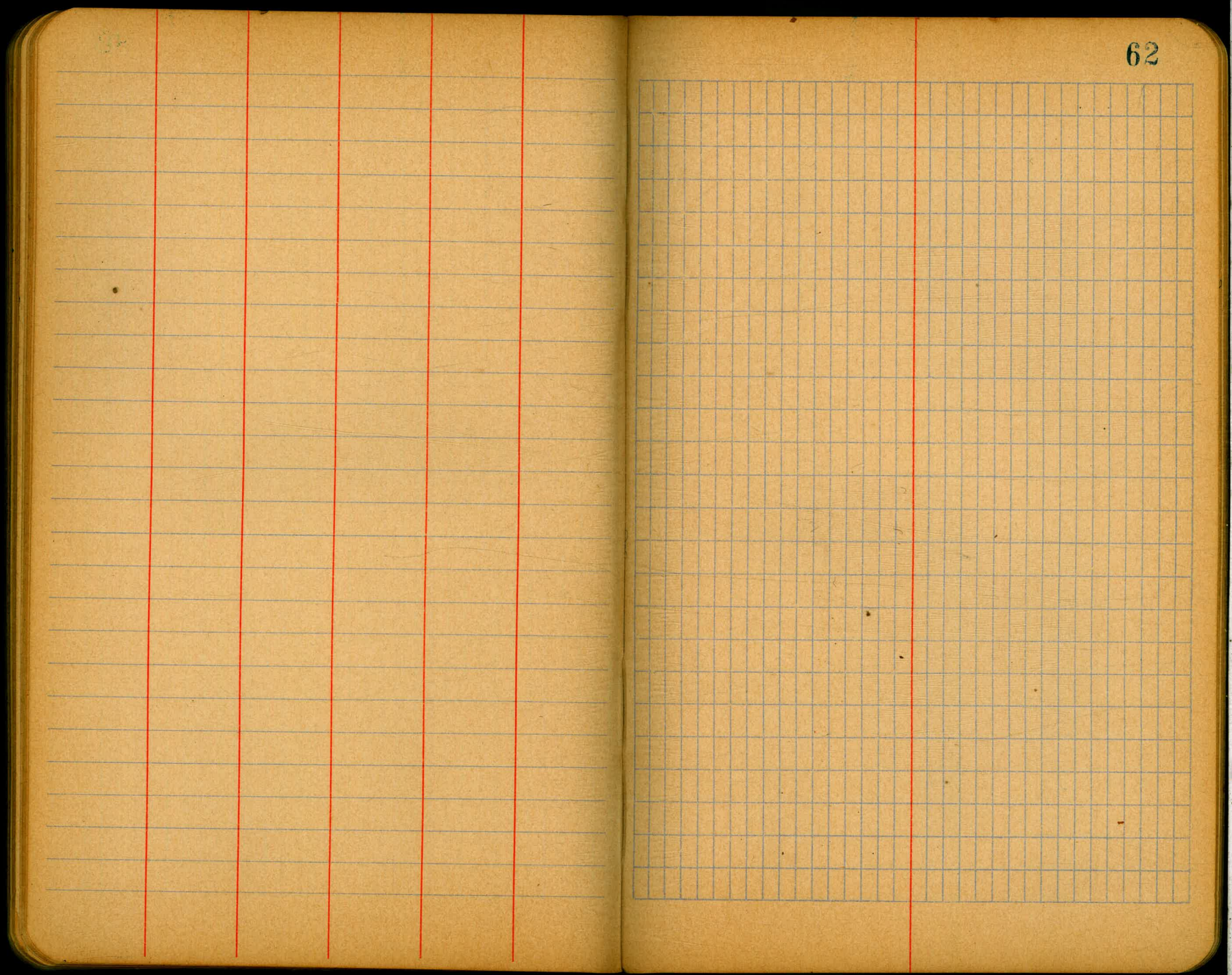


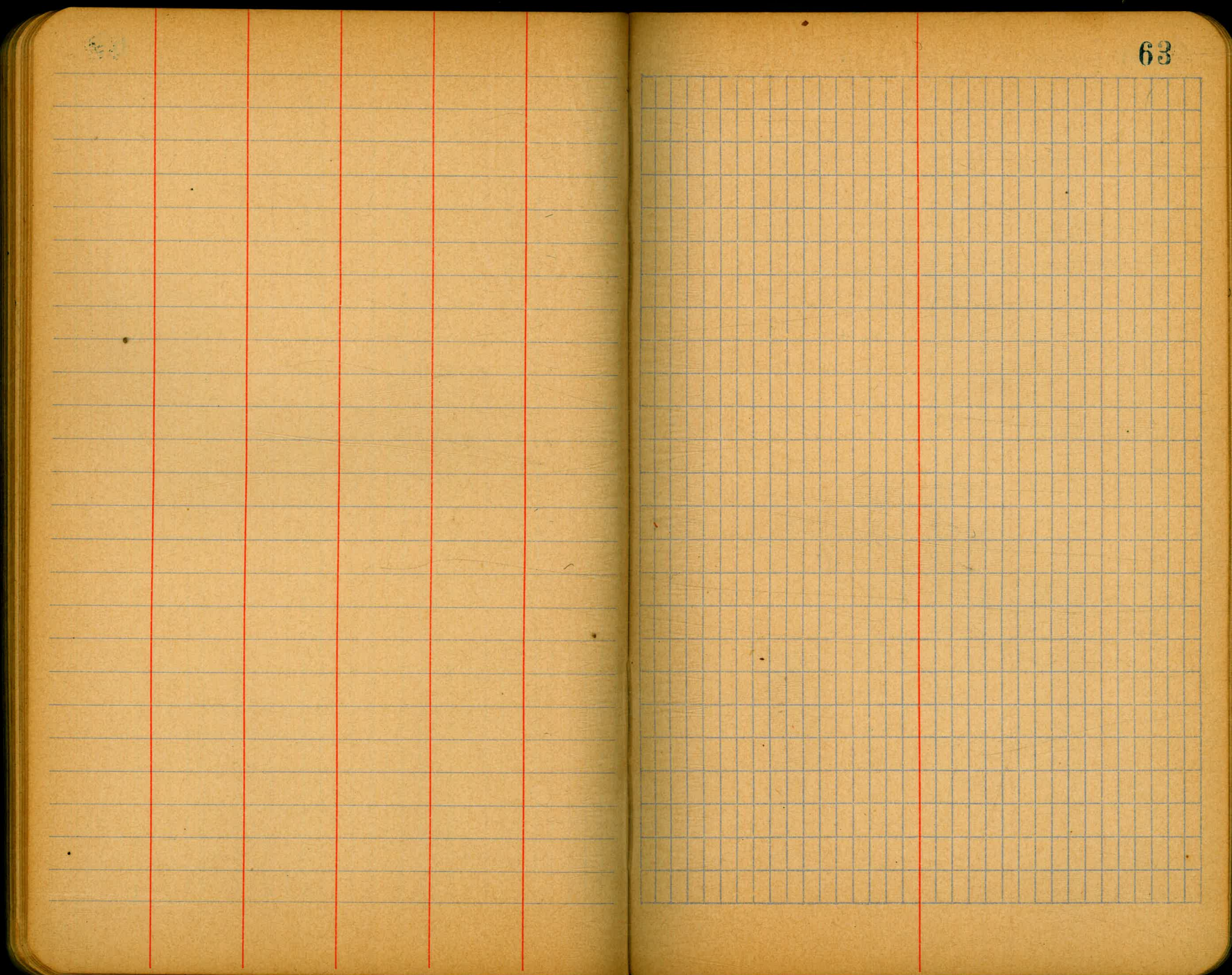


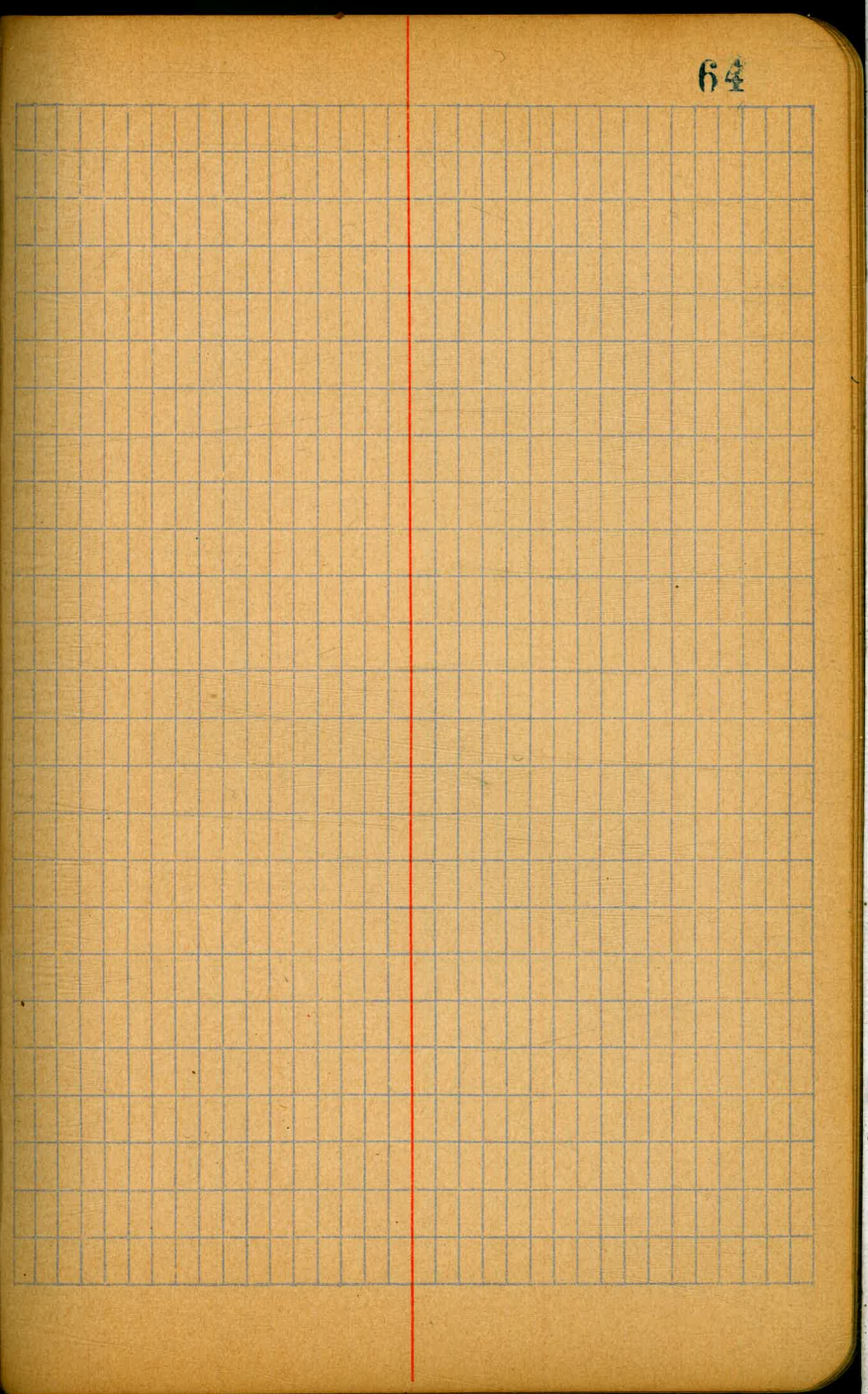
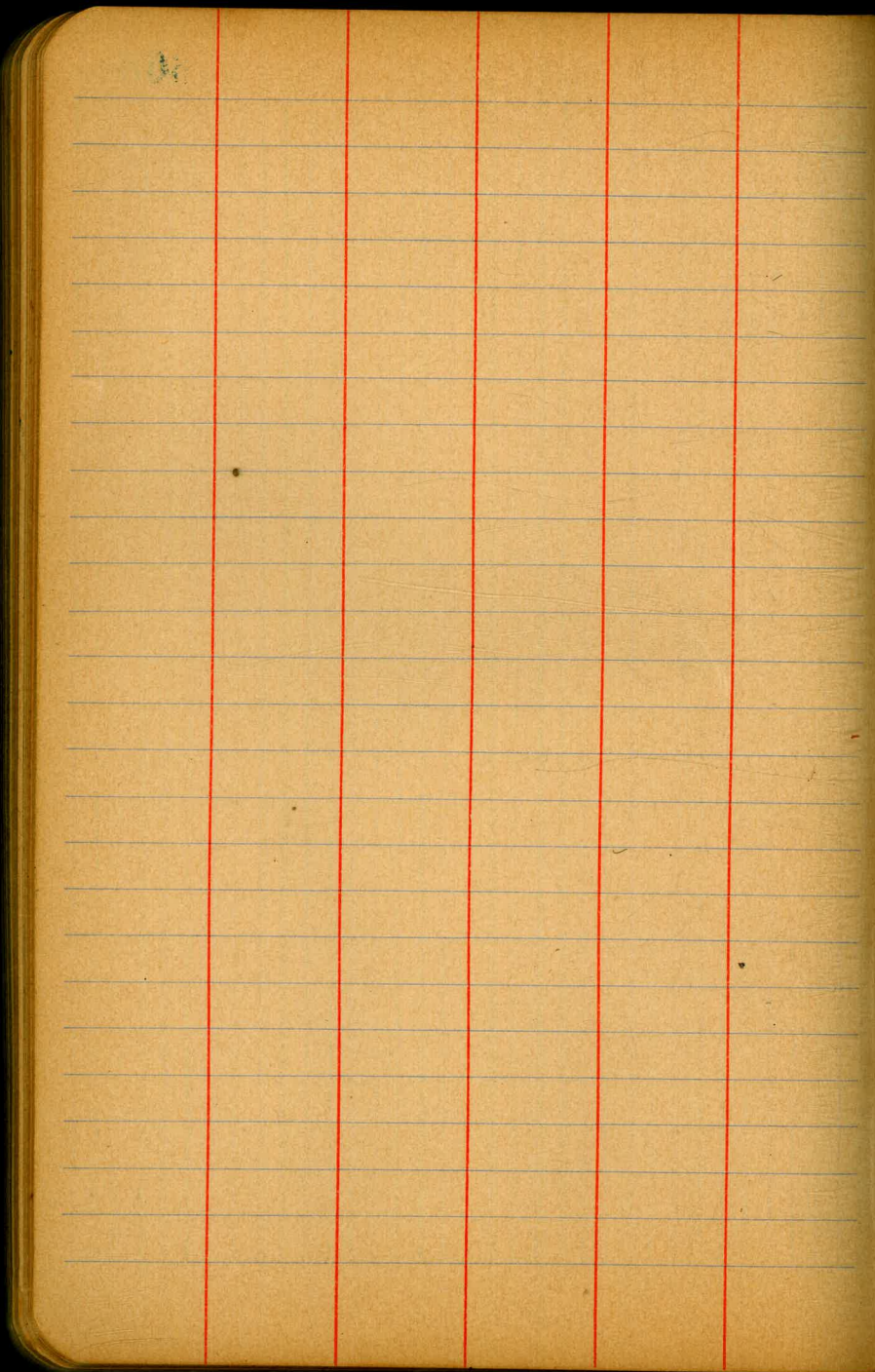
60

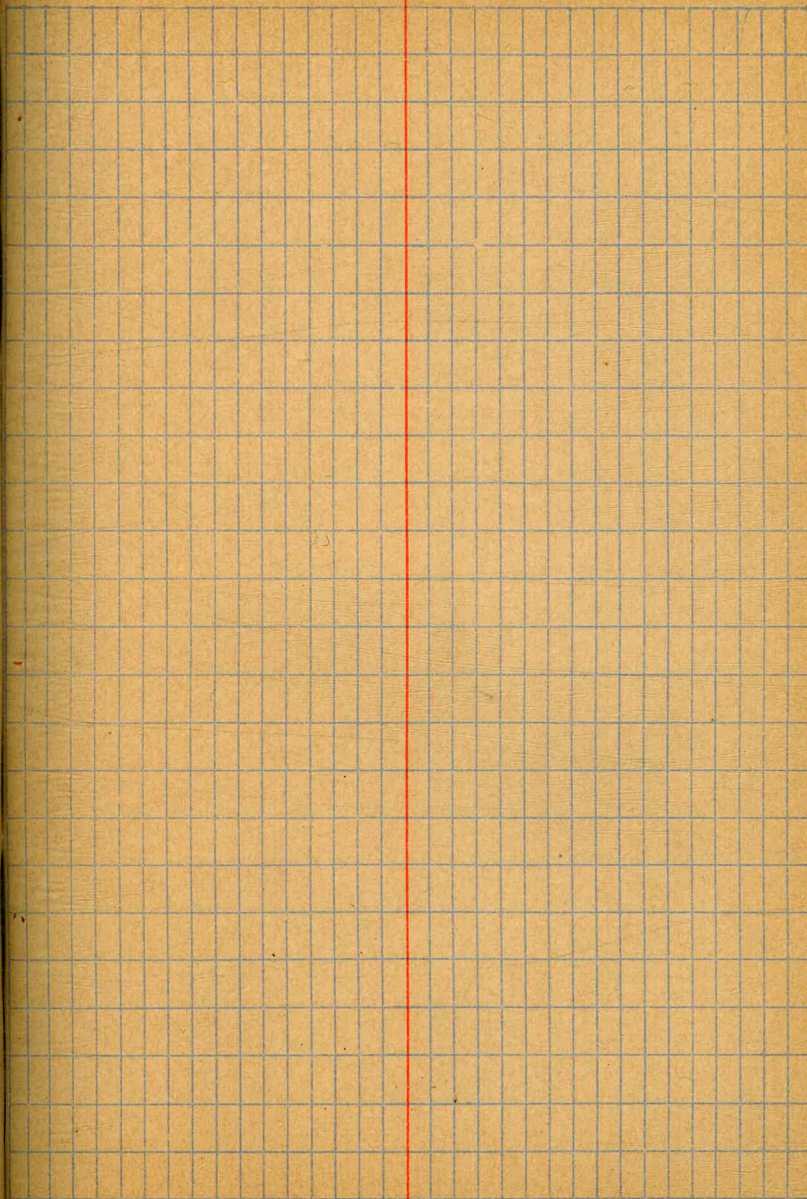
This page is a blank ledger with horizontal blue lines and four vertical red margin lines. The margins are located at approximately 10%, 15%, 25%, and 35% from the left edge of the page.

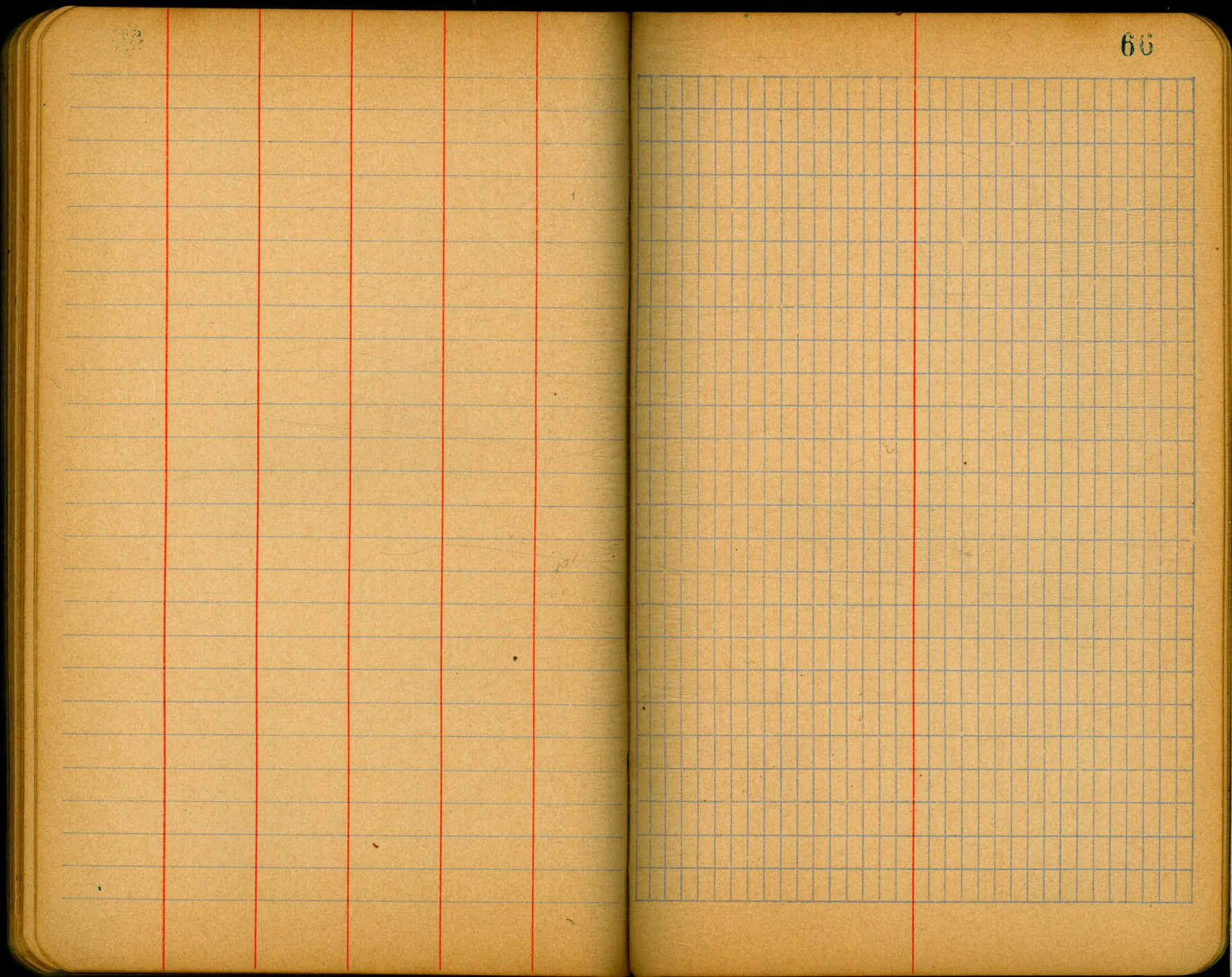
This page is a blank grid with a vertical red margin line on the left side. The grid consists of 20 columns and 25 rows of blue lines. The red margin line is positioned at approximately 10% from the left edge of the page.

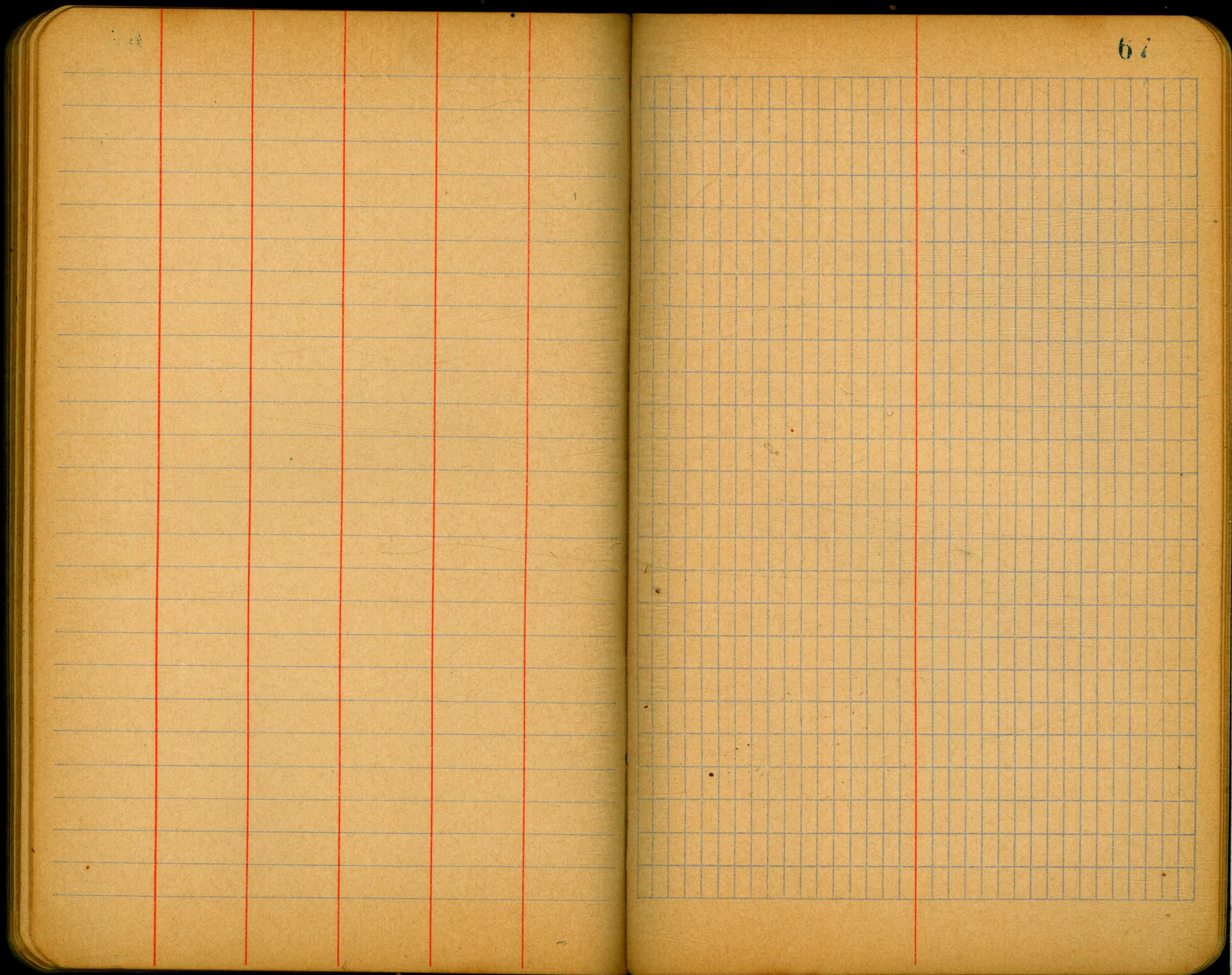










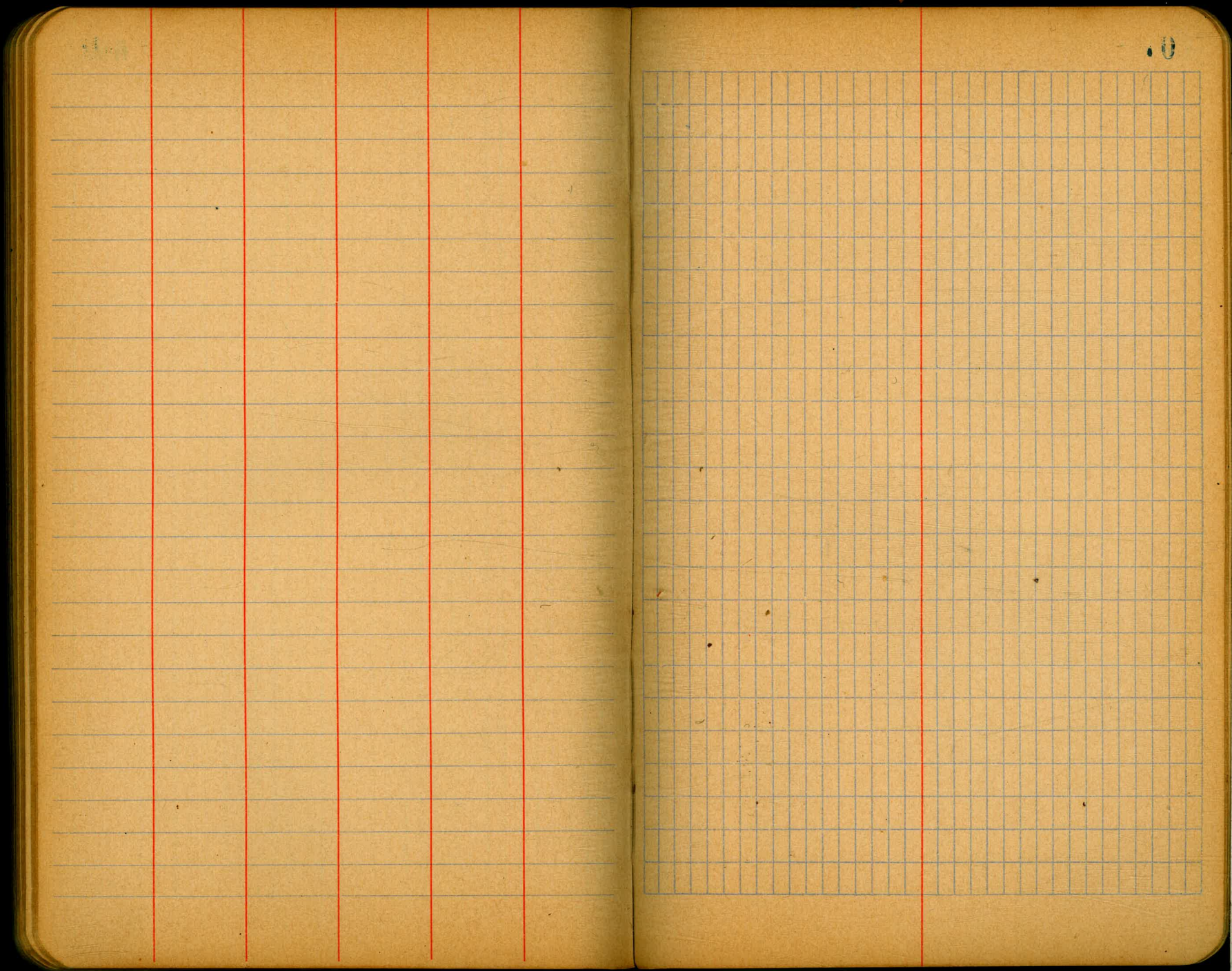


67

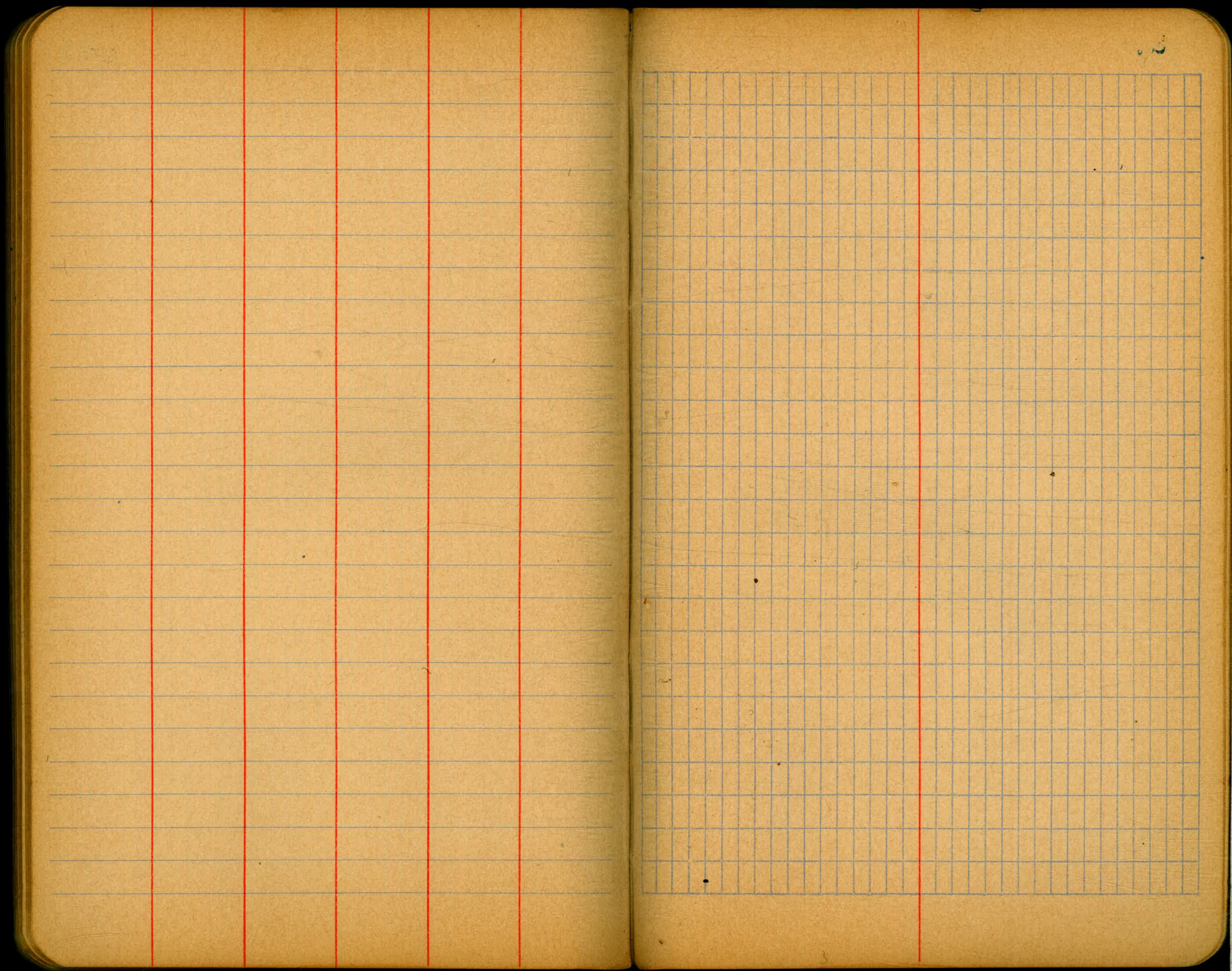
A grid of 20 columns and 20 rows on a ledger page. The grid is formed by light blue lines. A vertical red margin line is positioned to the left of the grid, approximately one-fifth of the way across the page. The grid is empty.

This page is a blank ledger with horizontal blue lines and five vertical red lines. The red lines are positioned at approximately 10%, 15%, 25%, 35%, and 45% of the page width from the left edge. The page is otherwise empty.

This page is a blank ledger with horizontal blue lines, a vertical red line at approximately 10% of the page width from the left edge, and a grid of small squares. The grid consists of 20 columns and 25 rows, starting from the top and right edges of the page.



The right page of the notebook features a grid of 20 columns and 20 rows. A red vertical line is positioned on the left side of the grid, approximately one-fifth of the way across the page. The grid is composed of light blue lines on a tan background.



BT

73

A grid of 20 columns and 20 rows is drawn on the right page of the notebook. The grid is composed of light blue lines. A vertical red margin line is positioned to the left of the grid, and a horizontal red margin line is positioned above the grid. The grid is currently empty.

A grid of 20 columns and 20 rows on page 75. A vertical red margin line is positioned on the left side of the grid, approximately one-fifth of the way across the page.

75

76

A grid of 20 columns and 20 rows on a graphing page. The grid is composed of light blue lines forming small squares. A vertical red margin line is positioned on the right side of the grid, approximately one-fifth of the way from the right edge of the page.

76

77

A grid of 20 columns and 20 rows on a graphing page. The grid is composed of light blue lines forming small squares. A vertical red margin line is positioned on the right side of the grid, approximately one-fifth of the way from the right edge of the page.

67

78



135

$$2500 + 20 = 2520$$

$$2520 \div 2 = 1260$$

1260

$$2500 + 270 = 2770$$

$$2770 \div 2 = 1385$$

1385

$$2500 + 200 = 2700$$

$$2700 \div 2 = 1350$$

$$1350 \div 13 = 103.8$$

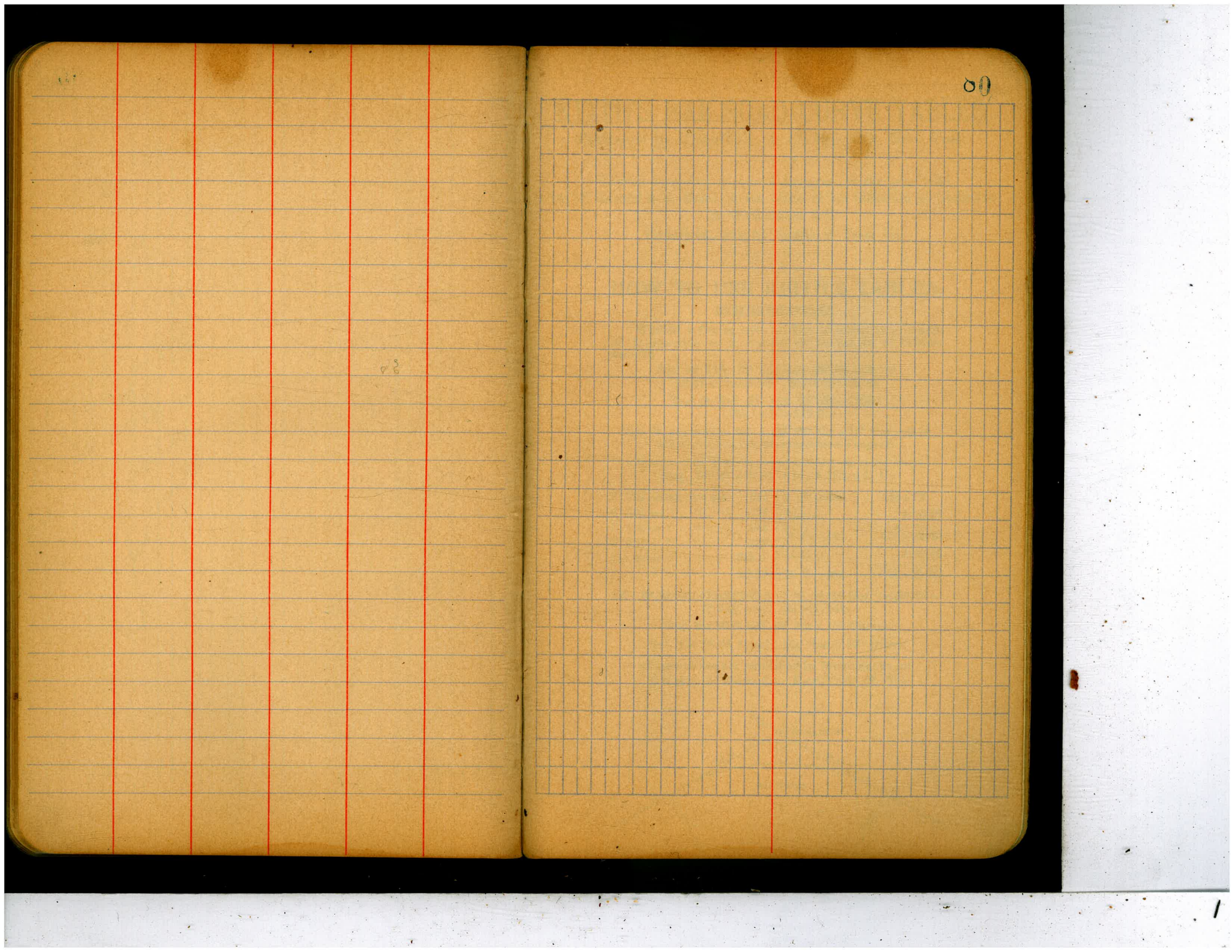
$$2500 + 261 = 2761$$

$$130.5 \div 0.5 = 261$$



10

69



67

68

88

