

W/710

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1.

For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

MacPherson
 May 2, 1965

710

Please Return to
 City of San Diego Water Dept.
 Room 268 Civic Center
 Telephone Main 5161

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be $30.6 + (20 - 16) \div 2$ or 2 ft. added to 30.6 = 32.6. For slopes of 1 on $1\frac{1}{2}$ see inside of back cover.
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Index Notes			Plotted			
To F.B. Index	Date	Indexed by	F.B. Page	Map or work #	Date	By
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Index

P.

San Dieguito Dam & sections for

Tule project on So. Side of Lake

1-3

M.

Hill
Bliss Notes
King &
Phillips
Niemi
BM 6/6/47

San Dieguito Dam X Sec's
For Tule Project, on South Side of Lake

4.93 254.93 250

0+00 Axis Dam

3+0 8.9

+30 8.9

4 8.9

5 8.9

T.P. 6.91 252.99 885 246.08

+50 7.0

6 7.0

7 7.0

8 7.0

Lt

Rt.

Elev 246

Tack on Axis of dam. Butress # 13

-6.0
33

-3.0	-2.3	-1.9	-1.3	+2.0	+3.9	+3.3	+6.0
14	11	7	11'	15'	25	30	
				Edge Road	Edge Road	Edge Road	

-6.0	5.5	-3.3	-3.0	+3.3	+4.9	+4.9	+6.0
46	40	24	21	21	25	35	42
			note	Edge Road	Edge Road	Edge Road	

-6.0	-3.5	-3.0	-1.5	+2.5	+5.0	+6.0	
51	26	22	8'	31	37	56	
		note					

-7.0	-3.3	-3.0	-1.0	+2.7	+6.0		
63	47	note 42	20'	25	53'		

-7.1	-3.4	-3.0	-1.9	+2.2	+1.9	+3.9	+6.0
68	28	note 25	14	19	39	54	58'

-7.8	-3.4	-3.0	-1.0	+2.2	+6.0		
72	37	33 water	8'	14'	19'		

-7.5	-3.5	-3.0	-1.0	+4.0	+6.0		
76	31'	25	6	21'	25		

π
252.93

9

246.0
-70 -34 -30 -0.7 +29 +55 +6.0
76 88 34 9 25 44 46

10

-77 -38 -30 -2.0 +19 +40 +6.0
100 50 46 25 25 50 7.1

11

-67 -36 -30 -1.4 +16 +33 +6.0
101 59 53 21 25 50 88'

12

-62 -33 -30 -1.4 +13 +32 +50 +6.0
75 68 58 23 25 50 75 81

13

-72 -35 -30 -1.2 +19 +3.6 +6.0
119 54 49 20 25 50 81

14

-60 -33 -30 -2.8 +1.0 +2.9 +3.9 +6.0
120 61 56 50 25 50 75 97

+50

-22 -1.5 -1.0 +0.5 +13 +3.0 +5.0 +6.0
50 25 12 6 25 50 75 90

15.

-21 -1.0
50 25

24

246.0
Elev

π+

2

3.6

-76

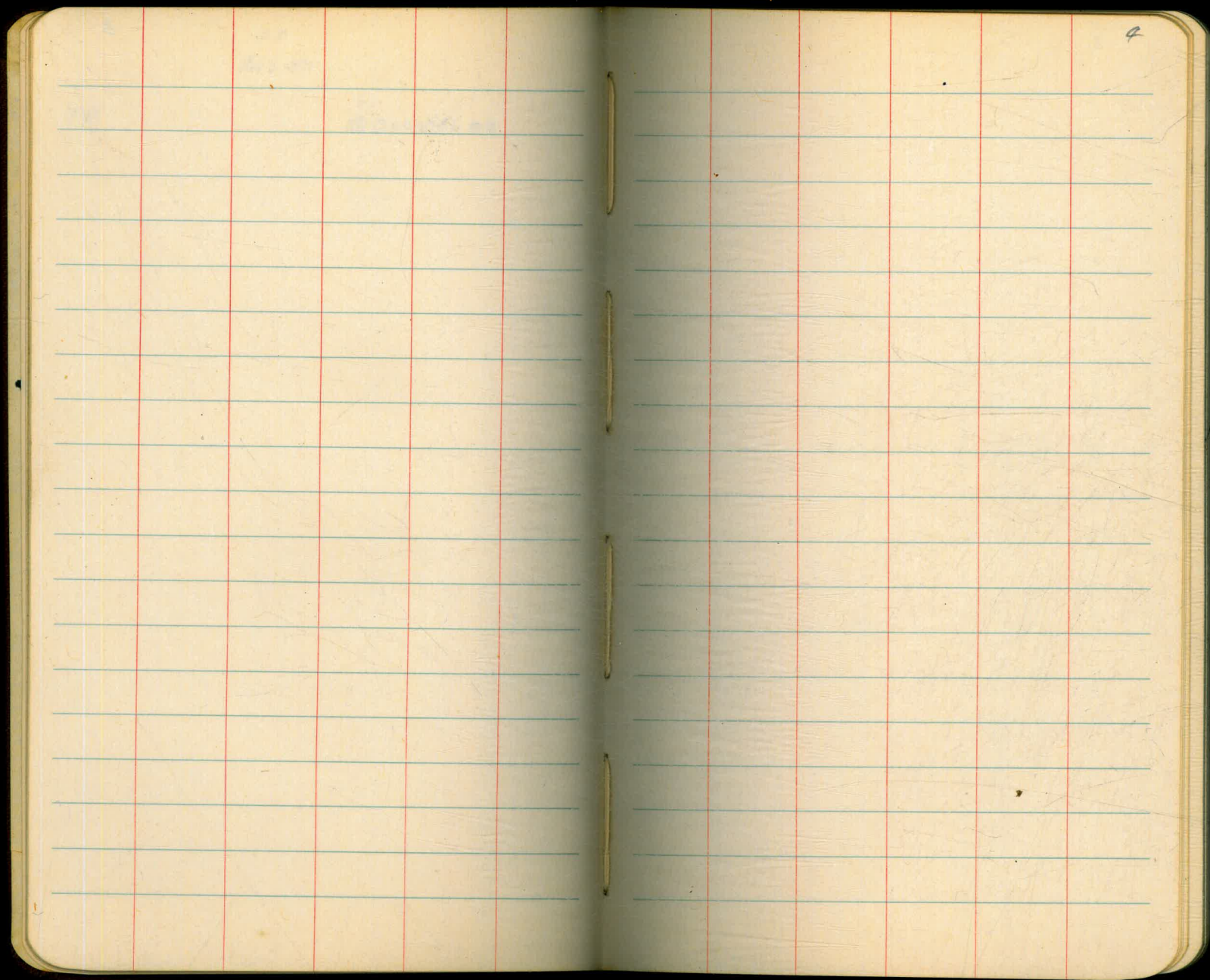
TP
252.99

TP

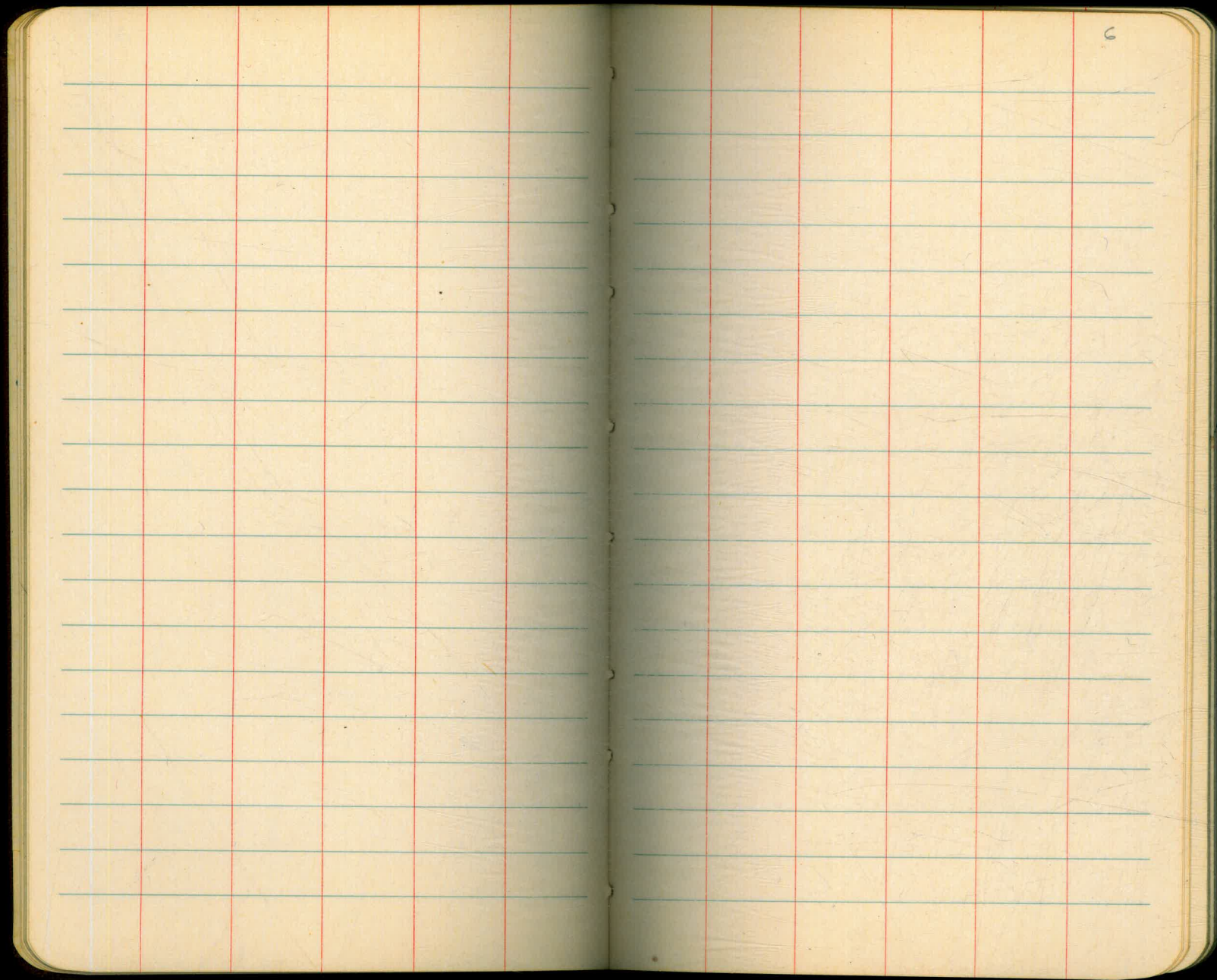
⁶
~~250~~ 246.09

3

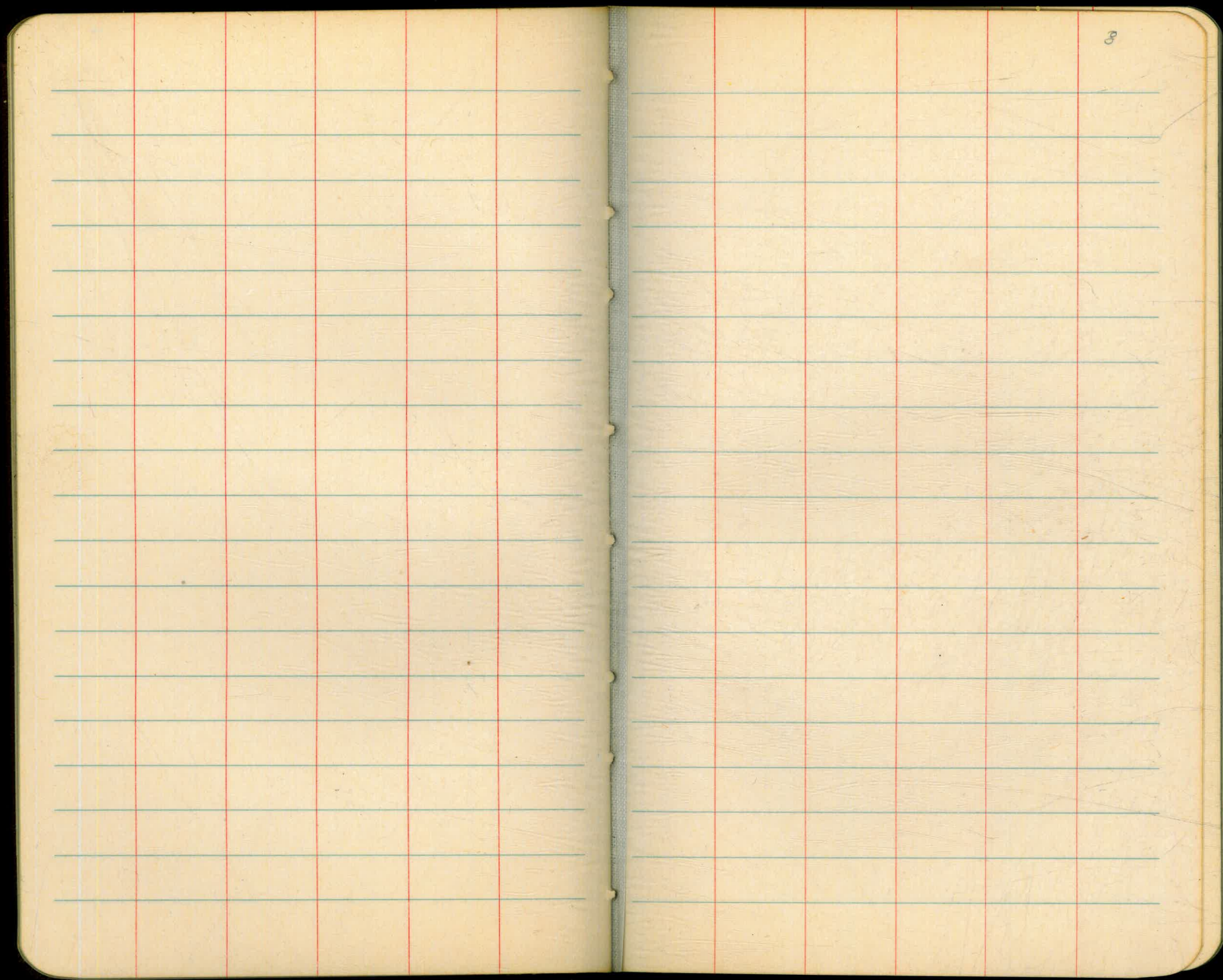
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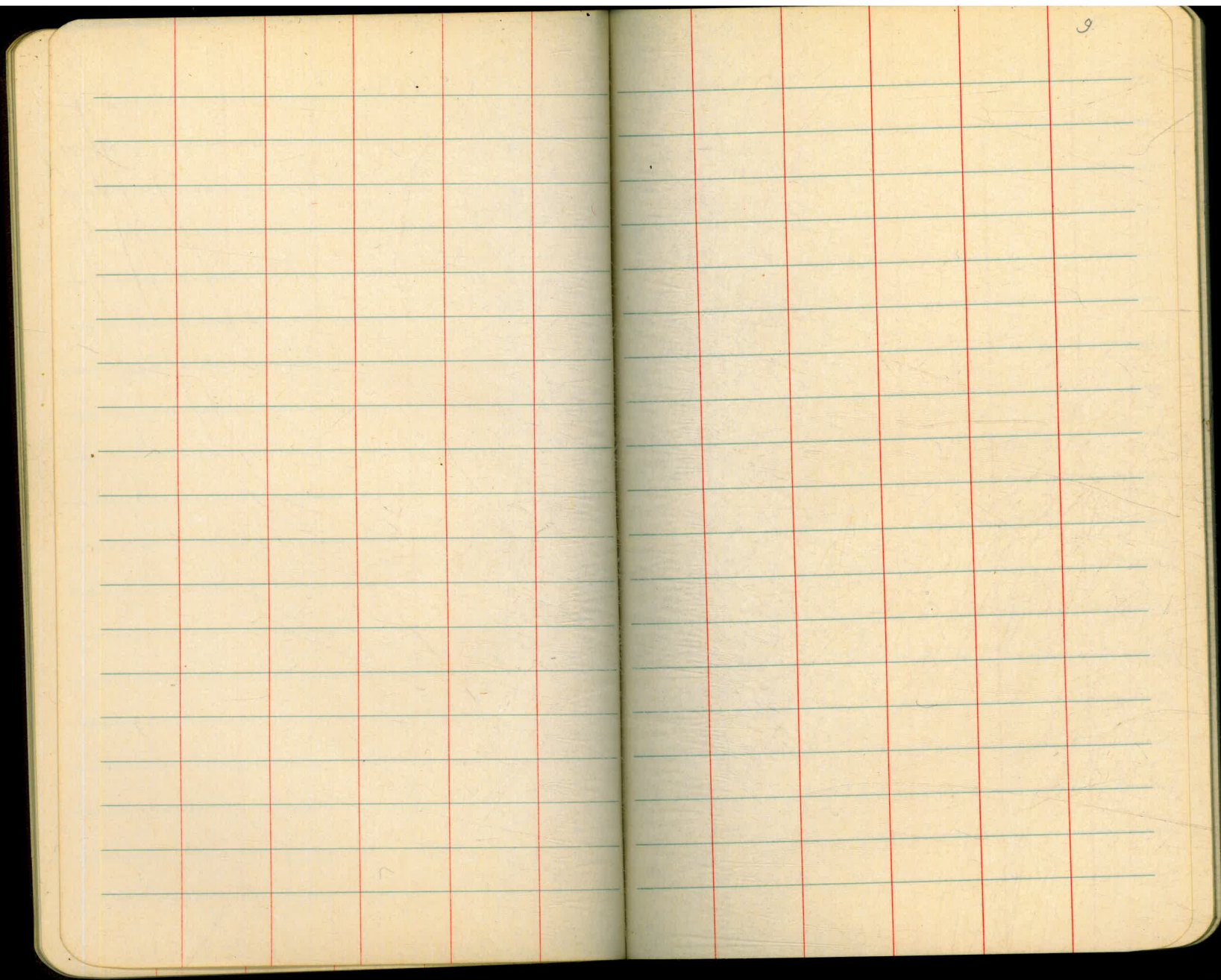
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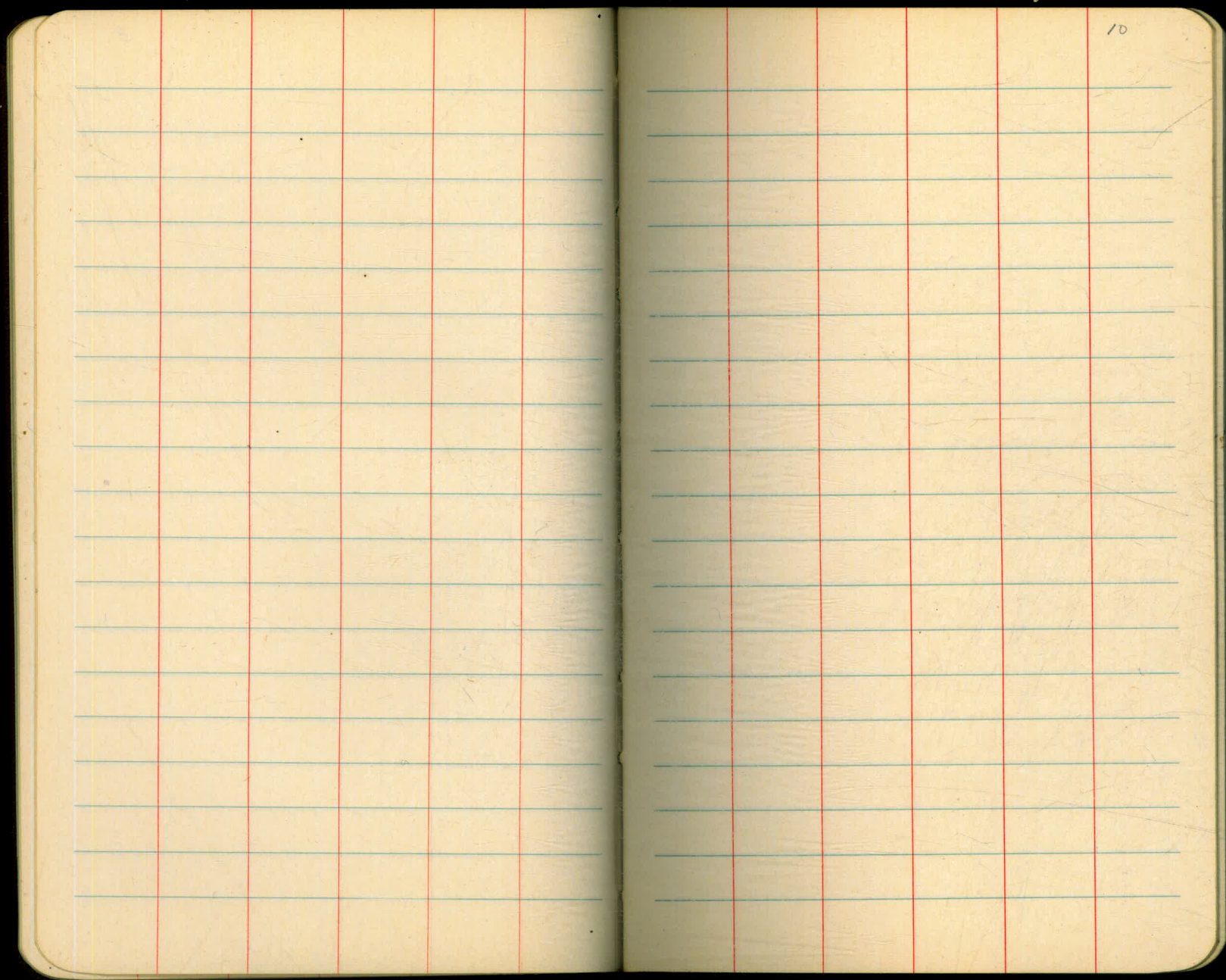
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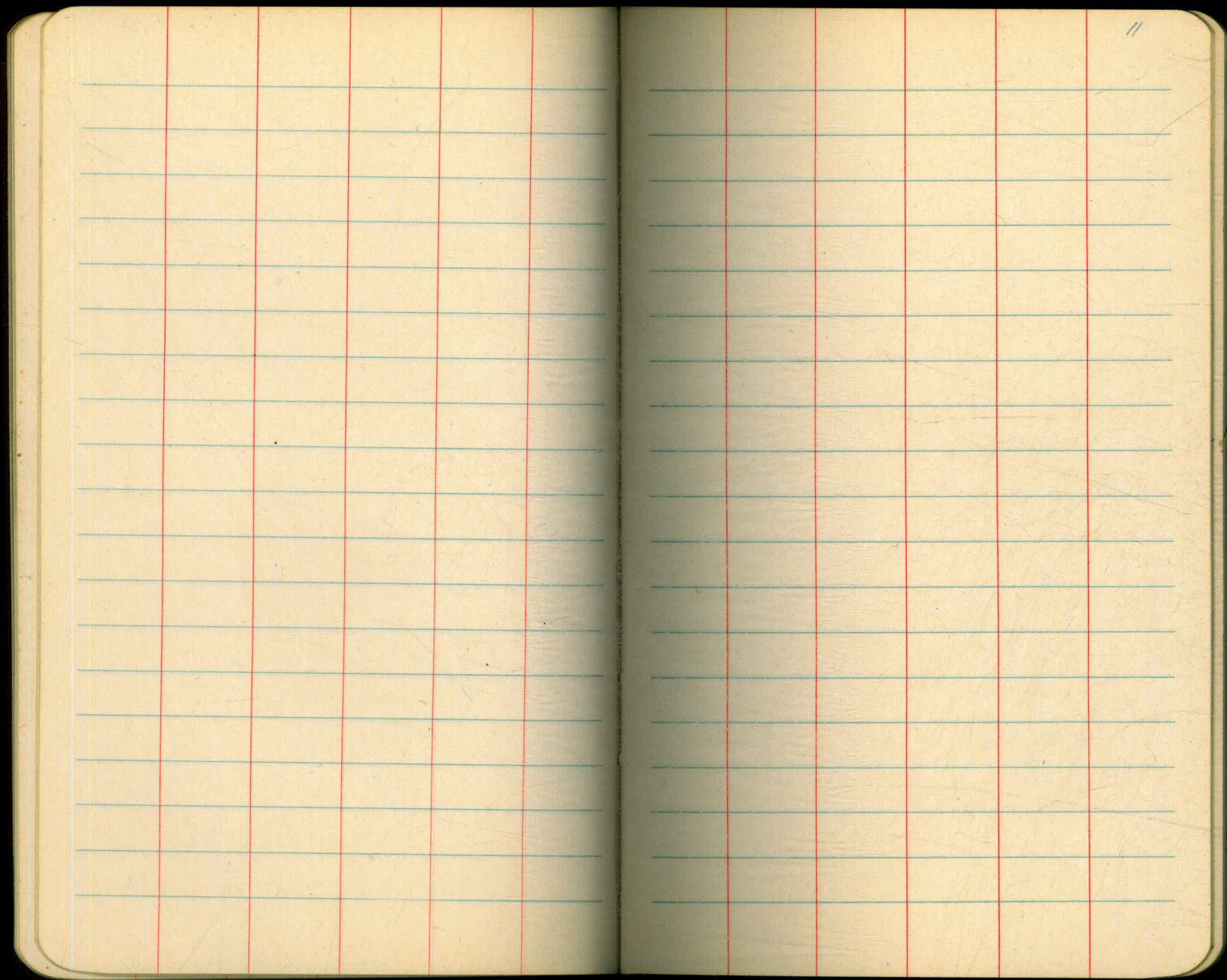


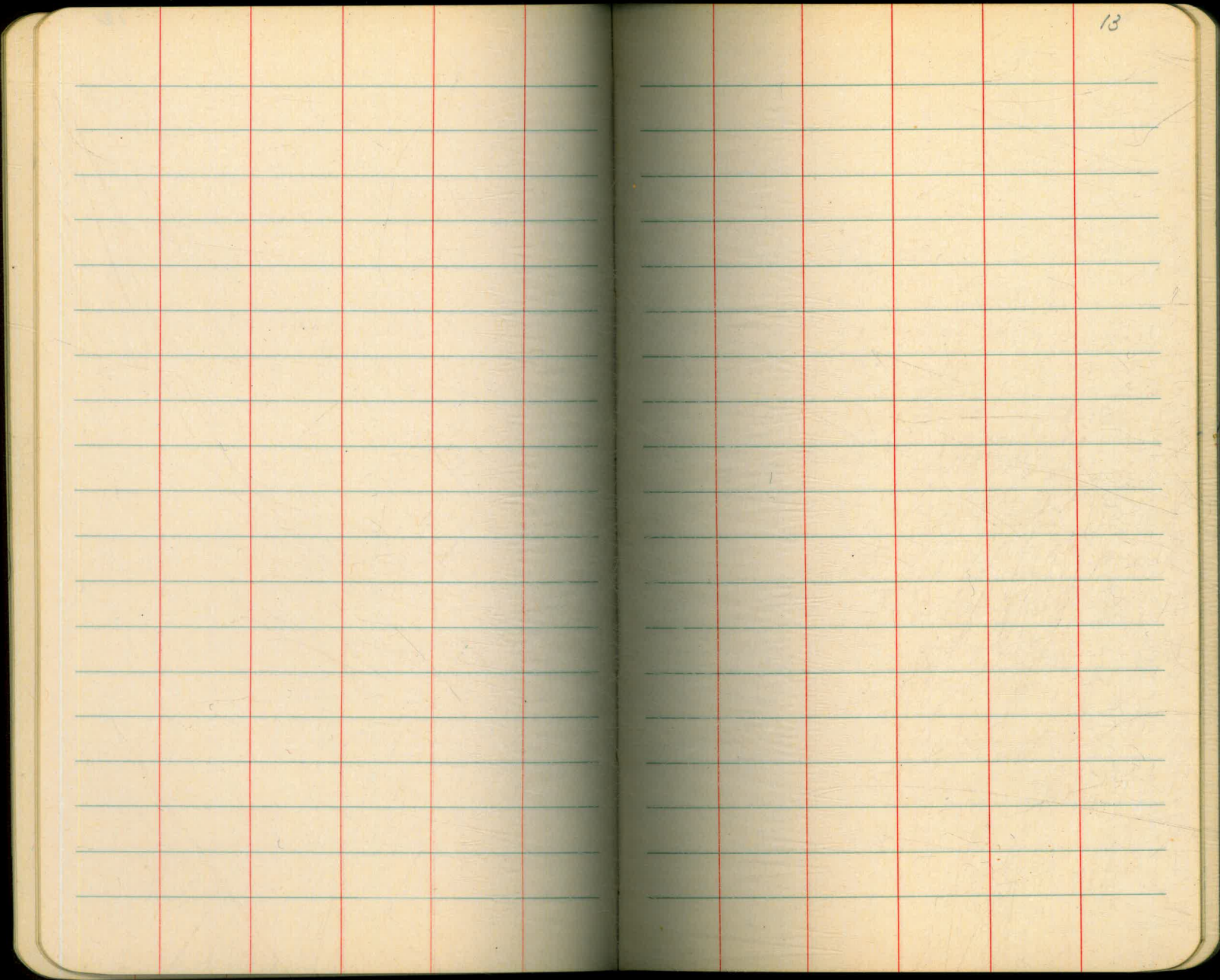
8



9







T
253.77

6+0 7.8

7+0 7.8

TP. 10.03 256.02 778 245.99

8 10.0



9+0 10.0

10+0 10.0

Lt \$ Pt

$\frac{+6.0}{62}$	$\frac{+4.9}{50}$	$\frac{+2.9}{25}$	$\frac{-2.8}{25}$	$\frac{-3.0}{32 \text{ water}}$	$\frac{-2.5}{25 \text{ edge Tules}}$
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$\frac{+6.0}{47}$	$\frac{+3.1}{25}$	$\frac{+1.0}{8}$	$\frac{-2.8}{18}$	$\frac{-3.0}{20 \text{ water}}$	$\frac{-7.0}{50 \text{ Edge Tules}}$
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$\frac{+6.0}{31}$	$\frac{+2.7}{14}$	$\frac{-2.5}{18}$	ch. of channel
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$\frac{+6.0}{74}$	$\frac{+3.8}{54}$	$\frac{+2.7}{50}$	$\frac{+1.3}{25}$	$\frac{-2.5}{44}$	$\frac{-3.0}{60 \text{ water}}$	$\frac{-8.4}{100 \text{ Edge Tules}}$
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$\frac{+6.0}{34}$	$\frac{+4.6}{25}$	$\frac{-1.0}{6}$	$\frac{-3.0}{17 \text{ water}}$	$\frac{-4.8}{27 \frac{1}{2}}$	channel
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$\frac{+6.0}{62}$	$\frac{+5.0}{50}$	$\frac{+3.2}{25}$	$\frac{+2.0}{15}$	$\frac{-1.8}{5}$	$\frac{-3.0}{12 \text{ water}}$	$\frac{-8.1}{44 \text{ Edge Tules}}$
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π
256.02

1170

10.0

$\frac{+6.0}{72}$

$\frac{+4.2}{50}$

$\frac{+2.5}{25}$

$\frac{-2.2}{20}$

$\frac{-3.0}{36}$

$\frac{-8.4}{78}$

Edge
Tubes

1150

10.0

$\frac{+6.0}{86}$

$\frac{+4.0}{50}$

$\frac{+1.4}{20}$

$\frac{-1.8}{22}$

$\frac{-3.0}{45}$

$\frac{-7.5}{85}$

Edge
Tubes

1260

10.0

1340

10.0

150

10.0

1940

10.0

7
256.02

1540

10.0

1640

10.0

16450

10.0

1740

10.0

1840

10.0

19

10.0

7
256.02

20
on
TP. 1.9400

10.0

9.76 246.26

Please Return to
 City of San Diego Water Dept.
 Room 268 Civic Center
 Telephone Main 5161

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
 Roadway 16 feet wide. Side Slopes 1 on 1½
 For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	26.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be $41.9 - (20 - 16) \div 2$ or 2 ft. added to 41.9 = 43.9 or slopes of 1 on 1 see inside of front cover.