

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	04	10	14	19	24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	06	.13	19	26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	120	127	135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.048	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

X-SEC TO ESTABLISH GRADE ALLEY BETWEEN
32ND & BANCROFT STS., COMMERCIAL & WEBSTER AVE 1-5

VOID 6-13

FINAL X-SEC S.E.I.L. WABASH BLVD
SEC "B" at MARKET ST 0+00 TO 6+99.94 14-17

Amalfi St. 18-23

Locate + Flag BIKERS Pacific Beach 29

Webster Ave

D. Smith
J. Rorer
R. Taylor.

Wot 25620
5/20/54

X Sec to Establish grade
Alley Btw 32nd & Bancroft Sts.
Commercial & Webster Ave.

Note,
Return on alley & Bancroft is depressed for
10' driveway around Return alley BC is
normal Height.

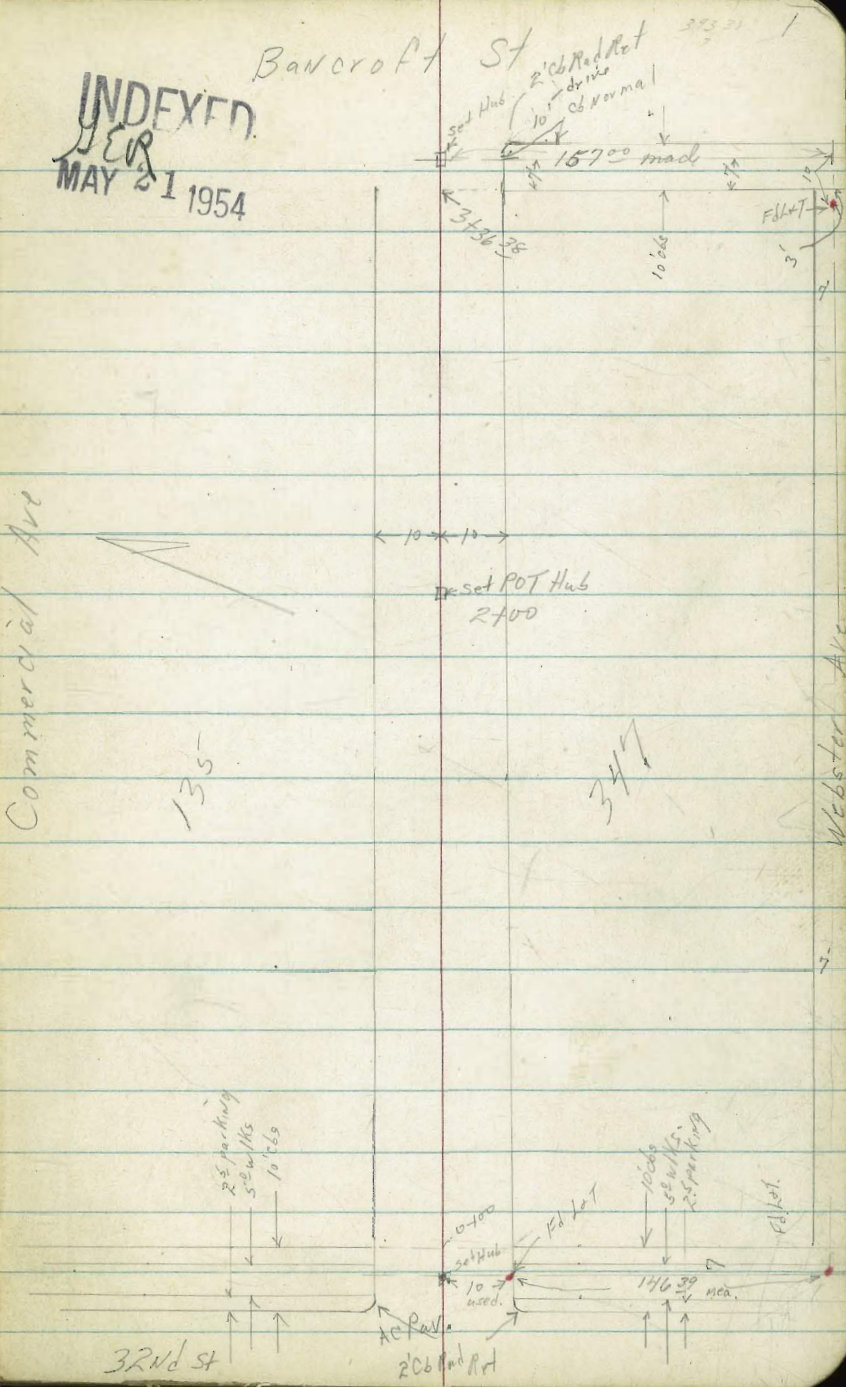
Note AC paving on 32nd St good to Ely cb line only
very broken up back to property.

INDEXED
JER
MAY 21 1954

Bancroft St

Commercial Ave

Webster Ave



6760

0159 10⁴ Rt end Bldg

TP 712 99⁰⁰ 627 89⁸⁸

0440

0132 11⁵ 11.8 3' con walk

0420

0400 103 Rt Begm Bldg
end cbs

0-10 Ely Cbline 32nd St end good AC par.

BM 5⁵³ 90⁶⁵

85¹² SW 10 RP 4.1
32nd Webster

Lt = Nly

20

Rt = Shy

2

6²⁰ 90.8
20

5¹⁰ 91.1
10

6¹⁰ 90.8
10

5¹⁰ 91.2
10

97⁰⁰

0²⁰ 90.03
11⁵
wk

1⁰ 90.0
20

1⁰ 90.0
20

0⁵ 90.5
10

0⁹ 90.1
10

0² 90.3
5

0² 90.8
10

1³ 89.7
10

2⁵ 88.5
7

2⁸ 88.2
10

3¹⁰ 88.0
3

2¹⁵ 88.5
10

80.57

79.72

83.76

83.09

83.25

83.99

84.62

84.72

85.24

86.44

86.88

10³⁸
50
24

11²³
50
24

7¹⁹
12
24

7⁸⁶
12
24

7²⁰
10

9⁶
10

6³³
10

6²³
12
24

5²¹
12
24

11⁵¹
30
24

4⁰²
30
24

6²⁰ 84.13
20

6¹⁰ 84.7
10

6¹⁰ 84.7
10

6¹⁰ 85.0
10

6¹⁰ 85.0
10

5¹⁰ 85.31
10

5¹⁰ 85.31
10

2400 8¹/₂ RT - Begin 3⁰ con walk 11 to Line
 1799 6¹/₂ RT & 18" PP 1/2 PA3228
 1798 4⁰ RT & SMH
 1780
 1461 11⁸/₁₁ RT & single garage dirt floor
 1440
 1715 11¹/₂ RT & double garage dirt floor
 1708 12⁰ RT & shed garage con floor & apron
 1406 9⁵/₁₁ RT & 18" Pepper tree
 1400
 0488 6²/₁₁ RT & 18" PP 1/2 PA3208
 0784 8³/₁₁ RT & 4' con walk
 0780
 0777 9⁶/₁₁ RT & 18' long shed wash-

Lt - My 2 RT - Sky
 89.86 90.02 90.04
 7¹/₁₁ 6²⁸/₁₁ 6²⁶/₁₁
 11¹/₁₁ 8¹/₁₁ 7⁰/₁₁
 15 10 20
 69 62 70 66 64
 15 10 10 20
 90.1 90.3 90.0 90.4
 91.4 91.3 90.9 91.1 90.6
 56 57 61 52 64
 13 10 10 20
 92.23 92.11 91.3
 4¹/₁₁ 4⁸/₁₁ 5²/₁₁
 14 12⁰/₁₁ 11¹/₁₁
 Floor apron Floor
 52 42 53 52 54
 15 10 10 20
 91.5 91.8 91.4 91.7 91.6
 55 52 56 53 54
 20 10 5 10
 91.35 91.28
 56⁵/₁₁ 57²/₁₁
 8³/₁₁ 10
 11K 11K
 97.00

8+22 8¹ RT NW cor garage opens Ely

3+20

3+06 6² RT 18" pole # PA 3248

3+00

2+75

TP₂ 0²³ 84²⁹ 12⁹⁴ 84⁰⁶

2+70

2+50

2+33 7⁸ RT end 3' cor walk // to Live

2+30

Lt = Mly RT = Sly 4

77.4	70.5	71.7	71.5	71.7	71.9	72.5	72.5	72.7
16 ²	13 ⁸	12 ⁶	12 ⁸	12 ⁶	12 ⁴	11 ⁸	11 ⁸	11 ⁶
13	10	7	5	5	5	6	10	13

77.8	78.0	77.1	77.1	78.6	79.2	79.6	79.5	79.5
7 ⁵	6 ²	7 ²	7 ²	6 ²	5 ²	4 ¹	4 ⁸	4 ⁸
15	10	7	7	5	7	10	15	20

81.4	83.4	82.7	83.1	82.8	81.4	80.8
2 ²	0 ²	1 ⁶	1 ²	1 ⁵	2 ²	3 ⁵
15	10	7	12	6	10	15

84²⁹

84.6	85.2	84.5	84.2	84.8	86.0	86.1	86.2
12 ⁴	11 ⁸	12 ⁵	12 ⁸	12 ²	11 ⁰	10 ²	10 ⁸
15	10	7	12	3	6	10	15

88.4	88.4	87.7	87.8	88.1	88.2	87.8
8 ⁶	8 ⁶	9 ³	9 ²	8 ²	8 ⁸	9 ²
15	10	7	9	4	10	15

89.2	89.1	89.1	89.0	89.99	7 ⁰	11 ⁰¹
7 ⁸	7 ²	7 ²	7 ⁰	11 ⁰¹	7 ⁰	11 ⁰¹
15	10	7	7 ⁸	10	7 ⁰	11 ⁰¹
			w/k	w/k		

2+97⁰⁰

85.12

BM starting 192,

239 85.15

TPs 13²⁹ 87⁵⁴ 012 74²⁵

NWBP

TP4 BM

12⁰³ 74⁴⁴ 9²⁹ 61²¹

NWBP
webster
Bancroft

3+46³⁸ Wly cb line Bancroft

67.5	65.3	65.9	66.2	65.5	65.4	64.78	64.6	65.23	63.7	64.49
73	66	60	57	64	65	72	73	66	82	72
13	10	5		10	12	12	23	23	50	50

3+44 end normal cb on sly alley B.C.

64.5	65.3	66.2	66.4	65.8	65.40
74	66	52	55	61	50
13	10	5		10	10

3+36³⁸ Wly Bancroft St end cb on south
8° RT NEly cor garage opens Fly

65.3	66.0	67.7	67.6	67.5	66.9	65.64
66	59	42	43	44	50	62.6
13	10	5		8	10	10

TP3 064 71²⁰ 13⁰³ 71²⁶

71²⁰

8+27' 6° RT S(2) two deadmen

84²⁹

WABASH FREEWAY - "SEC. B"

CROSS SECTIONS - S.W. I. LOOP

Walker at Market St.

Pope
Payroll
Olson
7-14-54

NO 22071

2+00

99.5	98.4	96.5	95.8
11	2.5	4.1	5.1
37.0	58	100	140

1+50

1000

96.5	100.1	97.5	97.1	95.8
5.4	0.8	3.1	3.8	5.1
28	37	53	83	140

1+00

95.3	91.9	96.7	96.2	95.8
5.6	3.0	4.2	4.7	5.1
35	93	60	107	140

0+50

92.2	95.8	96.2	95.7	95.8
8.7	5.1	4.7	5.2	5.1
44	57	73	107	140

0+00

96.2	94.9	94.9	95.8
4.7	6.0	6.0	5.1
57	97	118	140

100.86

TP #1	10.00	100.86	172	90.86
	11.80	92.58		80.78

Set B.M. Chisled in SW cor E. Lurie Bridge Wabash
at - Market & Wabash
B.M. Elev. Painted
on St. Top Inlet 79+07 Wabash E.

WABASH FREEWAY - SEC "B"
 Cross Sections - Still
 at Market St

Still 7

5+00

91.3	91.3	95.6	95.5	95.8
3.6	3.6	5.3	5.1	5.1
37	41	53	100	140

4+50

95.0	98.0	97.0	97.3	96.3	95.8
1.9	2.9	3.9	3.6	4.6	5.1
31	34	47	66	100	140

4+00

W/O

95.1	98	97.9	96.1	95.8
0.8	2.9	3.0	4.8	5.1
37	44	78	97	140

3+50

101.7	100.5	98.7	96.9	97.6	95.8
7.8	4.4	2.2	4.0	3.3	5.1
39	42	52	95	117	140

3+00

101.8	100.5	98.5	97.6	97.6	95.8
7.9	0.4	1.4	3.3	3.3	5.1
38	42	52	95	117	140

2+50

100.8	99.4	97.5	95.8
0.1	1.5	3.4	5.1
38	57	94	140

100.86

St. Louis - Market St.

Cont. P-9

6+94.94 = F.C.

6+50 Cont.

6+50

6+00

5+87

5+57 = Top Ramp

5+50

St. Louis

St.

8

89.4	89.5	90.6	90.1	89.6	88.7
11.5	11.4	10.3	10.2	11.3	12.2
	5	11	22	26	28

83.1	93.9	93.3	93.8	93.5	93.8
17.8	7.0	7.6	7.1	7.4	5.1
52	64	75	95	110	140

89.4	89.4	90.1	90.6	88.7	81.7	84.1
11.5	11.5	10.2	10.3	12.2	13.2	16.8
	6	7	20	26	38	42

89.8	88.4	89.9	94.4	93.4	95.8
11.1	12.5	11.0	6.5	7.5	5.1
	14	37	52	25	140

88.9	89.3	93.0	93.1	95.8
12.0	11.6	7.9	7.2	5.1
	5	30	20	140

87.4	89.9	92.2	94.1	95.1	95.8
13.5	11.0	7.7	6.8	5.8	5.1
	5	25	50	100	140

87.4	87.5	93.6	94.1	95.1	95.8
13.5	13.4	7.3	6.8	5.8	5.1
	14	21	50	100	140

100.86

WABASH FREEWAY SEC. "B"

SE. Inner Loop
of Market

1000

Cont. P. 10

2.21 2307 10.00 20.86

6 + 94.94 = F.C.

100.86

2
S.F.L.

FF.

9

83.3	83.6	83.9	83.6	85.8
17.6	17.3	7.0	7.3	5.1
43	52	66	100	140

100.86

MABASH FREEWAY - SEC. 'B'

Mabash

CROSS SECTIONS ON MABASH BLVD.

83+00 Cont.

93.1	93.9	95.1	94.7	94.6
108	108	12.0	11.6	11.7
87	102	116	138	178

83+00

89.9	89.8	89.5	89.6	86.9	82
3.2	3.3	3.6	3.5	6.2	11.9
	17	35	45	71	79

82+50

1000

89.6	90.1	89.2	89.4	89.0	90.5	90.8
3.5	3.0	3.9	3.7	4.1	2.3	2.3
	30	18	35	51	52	65

82+00

88.7	89.0	88.4	89.2	88.3	90.3	90.4
4.4	4.1	4.7	3.9	3.8	2.8	2.7
	10	14	37	53	59	70

81+50

86.8	87.6	86.8	88.0	89.0	87.8
6.3	5.5	6.3	5.1	4.1	5.3
	13	16	40	55	67

81+00

85.2	86.3	85.1	86.7	85.5
7.9	6.8	7.4	6.4	7.6
	12	17	40	60

93.07

93.07
K from P. 9

WABASH BLVD - SEC. "B"

~ Cross Sections ~

W

chk starting BM 1228 80.78
80.79

83+41

83+41

2307

001

84.3	92.1	91.1	95.1	96.1
88	00	+1.0	+2.0	+2.0
82	96	117	135	161

83.6	83.6	85.2	80.6	81.6
3.5	3.5	7.2	12.5	11.5
28	60	70	74	80

2307

WABASH FREEWAY SEC B

SE. OUTER CONNECTION

CROSS SECTIONS

	83.7	85.9	86.1	87.9
8+70	17.2	15.0	14.8	13.0
	138	112	86	52

8+37.20 = P.S.

	85.5	86.3	87
	15.4	14.6	13.9
	100	87	65

7+85.22 = F.C.

	86.8	88.1	89.3
	14.1	12.8	5.0
	60	37	26

7+50

	87.4
	13.8
	45

7+00

	87.5	88.5
	13.4	12.4
	38	25

6+61.78 = P.O.C. = Mid Pt

	87.3	87.9
	13.6	13.0
	36	25

TR 10.85 100.92 722 90.07

643 97.29

3086

lt. 2

AT MARKET ST

Walker
Pope
Powell
Olson 7-14-59
140,22071

95.1	97.1	98.0	99.2	99.5
5.8	2.2	2.9	7.7	8.1
42	35	20	12	

88.9	91.6	91.9	92.2	92.1
12.0	3.3	3.0	8.7	8.8
45	31	18	9	

98.6	98.4	98.3	91.6	91.4
2.6	2.5	6.6	2.3	2.5
20	17	14	8	

88.7	95.3	91.1	91.0	91.2	91.0
12.2	5.1	3.8	3.2	2.7	2.9
30	22	21	17	9	

93.2	95.6	95.8	91.4	90.1	90.1
7.7	5.1	5.1	2.5	10.8	10.8
20	18	16	14	10	

90.5	94.4	94.4	90.6	89.1	89.1
10.4	6.5	6.5	10.3	11.8	11.8
18	16	15	13	10	

100.92

WABASH FREEWAY - SEC "B"

Lt.

£

13

SEUC - Market St

chk starting 811.

1006 9086

10+00

95.2	95.9	97.4	98.2	98.0
57	50	3.5	27	2.9
75	50	20	9	

9+75

91.1	93.5	95.6	90.9	96.5
9.8	7.4	5.3	4.0	4.4
100	60	46	6	

90+50

90.6	90.2
10.3	10.7
100	67

97.8	99.2	99.2	95.2	91.6	93.2
3.1	1.7	1.7	5.7	2.3	5.7
55	51	41	33	8	

2+00

85.5	81.4	86.9	84.3
15.6	13.5	14.0	16.6
135	100	84	60

95.9	98.9	99.4	93.7	93.6
5.0	2.0	1.5	7.2	7.4
47	40	28	18	

100.92

Final Cross Section
 South East 1/4 per Loop Hobbs & Market
 Section "B"

Lt.

2

Rt.

14
 Oct. 19.54
 75.00
 Garbur
 85.00
 100.00
 125.00

+25

85.3
 11.4
 15

84.3
 12.4
 15

83.3
 13.4
 15

82.5
 14.3
 23

81.6
 14.5
 28

80.6
 17
 41

+75

94.5
 92.7
 93.5
 93.1

+10

82.5
 13.9
 135.00

82.6
 14.1
 19

76.4
 20.2
 27

82.3
 16.4
 34

94.8
 19
 46

94.0
 27
 75

93.7
 90
 100

93.5
 95.3
 125

+50

80.3
 16.4
 115.00

80.0
 16.7
 25

75.4
 21.3
 27

79.6
 17.7
 33

80.9
 19
 40

91.9
 28
 49

93.2
 93.5
 93.1

93.4
 93.6
 100

92.7
 92.8
 110

+500

77.5
 19.2
 100.00

77.4
 19.3
 40

70.8
 22.9
 15

76.9
 19.8
 31

78.1
 18.1
 38

96.73

BM

6.11

96.73

9063

NW cor
 N 1/4 sec
 Market
 over pass

92.5
 93.4
 93.1
 93.7
 93.8
 92.9

10.25
 10.33
 10.38
 10.40

South East Inner Loop
Hobart Market

Lt

Lt

Rt

15

+50

882
855
15

870
863
850
940
93
917
910
907
10.4
10
11.7
28
27
40
75
100
135

310

87
75
15

875
864
853
953
951
941
930
920
9.2
10.2
10
11.4
27
11.6
40
50
75
100

+50

889
78
15

876
867
852
953
953
940
930
917
91
10.0
10
11.4
27
11.4
35
50
75
100

310

882
855
15

870
860
853
954
952
930
920
917
910
9.7
10.7
10
11.4
28
31
40
75

1+50

884
10.2
15

855
845
840
951
946
941
935
11.2
12.2
13
12.7
13
11.6
35
30
75
100

96.73

96.73

South East Inner Loop
Yabashi Market.

4.

2.

pt.

16

475

878	895	867	860	877	868	818	922	923	927
28	20	105	107	25	59	50	75	100	58
25		10	28	25	36	50	75	100	25

450

878	865	862	854	902	911	922	925	926
28	100	105	112	65	56	45	100	115
25		10	21	28	50	75	100	115

510

878	865	855	848	911	919	924	925	927
91	100	112	119	51	68	100	100	100
15	80	10	27	35	58	75	100	125

450

878	865	855	846	921	923	921	923	926
16	100	111	122	46	36	44	100	115
10		27	38	50	75	100	100	125

450

878	865	855	844	921	923	924	923	927
15	100	111	123	31	35	35	100	100
10		26	37	50	75	100	100	125

9673

9673

Final Cross Section
 South East 1/2 cor Loop, Wabash + Market.

47

48

49

17

49194 = EC

+75

+50

+25

6+0

780 880 970 880 920 965 925 920
 80 90 83 41 50 84 75 100 125
 16 21 35 41 51 64 75 100 125

880 880 875 880 807 927 923 920
 80 90 85 91 124 120 120 120 127

880 876 875 880 841 926 923 920
 80 90 93 129 126 121 121 127 127

880.7 876 872 868. 845 846 924 927 924 925
 80 90 95 99 122 121 123 120 123 127

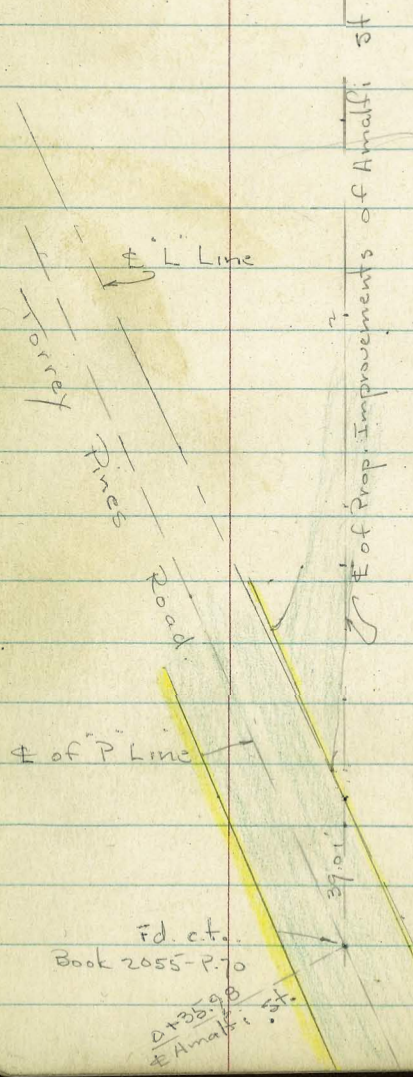
880 871 867 860 847 844 914 920 922
 80 90 100 107 120 123 123 127 125 125 100

9673

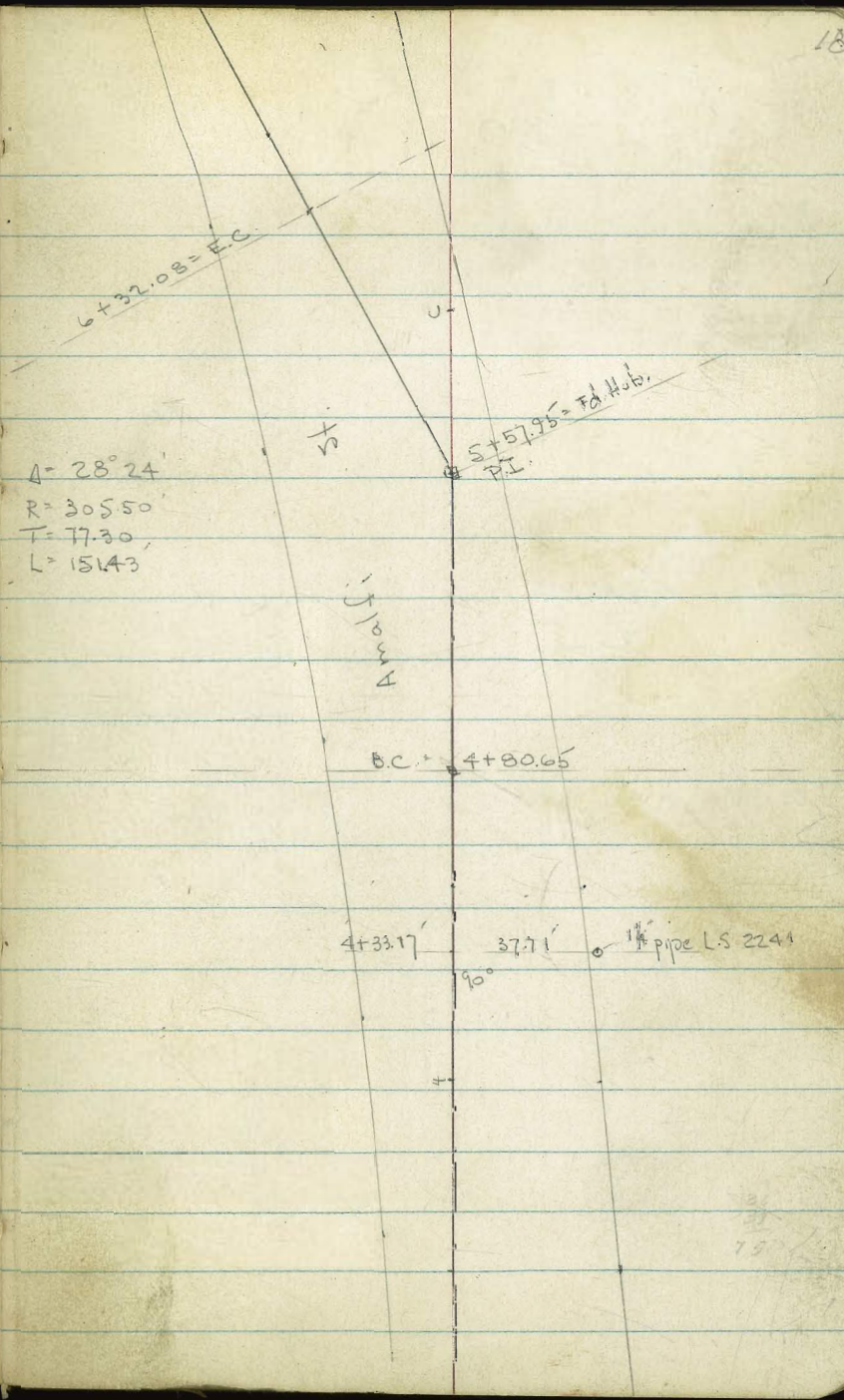
9674

2072

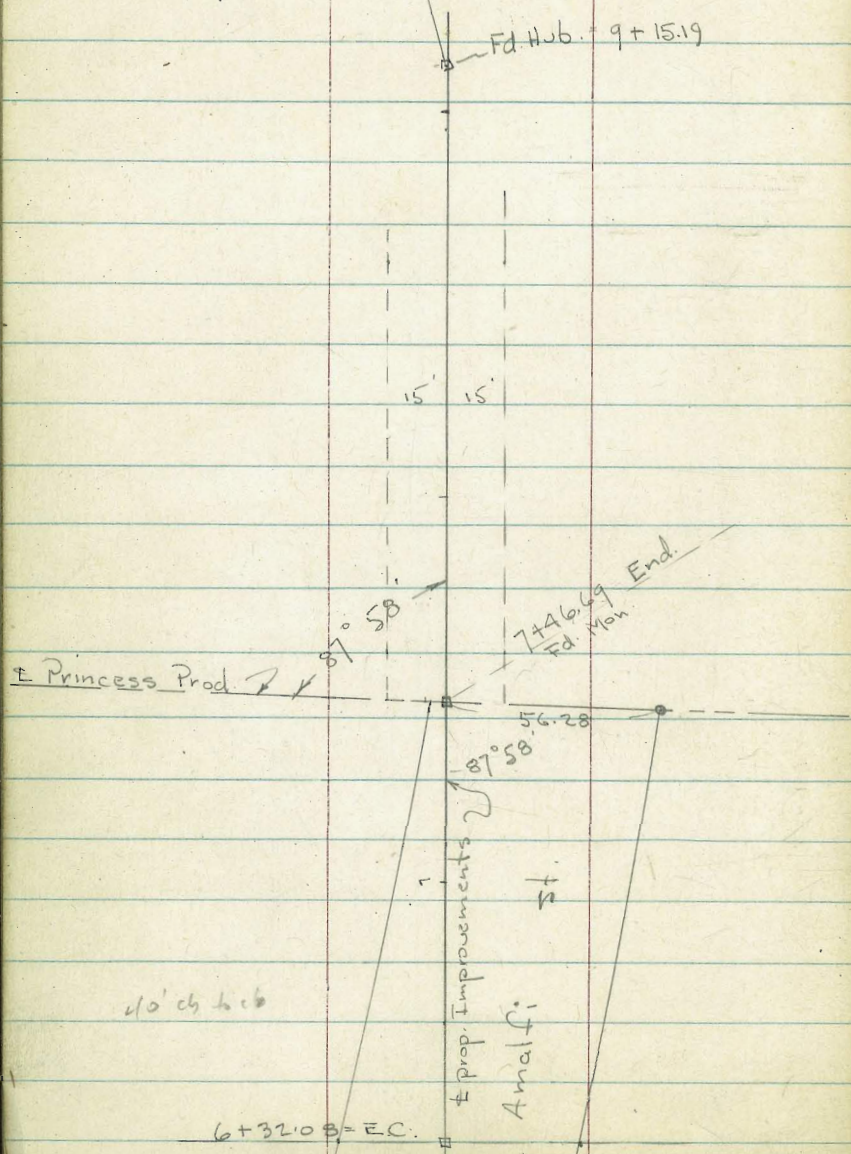
INDEXED
HER
MAR 18 1955



$A = 28^{\circ} 24'$
 $R = 305.50$
 $T = 77.30$
 $L = 151.43$



Plot on hard copy
on 30 scale



X-Sept. Amalfi St. - See sketch - P. 18
 See Book 2055 - P. 70 + B. 2123 - P. 2 For Orig. Sect.
 W.O. 32223 - 3-17-55 70.

2+00 Cont.

2+00

1+83 - 41.5 Lt = E. 24" Euc.

1+70 = 3' E. of E. of 11' Dr. Sect. on Lt.

1+63 = E. of 8.5 A.C. Dr. at E.

1+35

1+26 - 20.3 Lt = E. St. Sign

1+18.5 - 19.4 Lt = end Dr. Sect.

1+11 - 24.5 Rt = E. P. pole. J.P. 1673

1+00 - Rough oil pipe strip

0+93 - 24' Rt = E. Deadman

0+81.8 = 3.3 Lt = Beg. Dr. Sect. in S. cb.

0+74 = E. Cross cb. face.

0+67.5 - 5.8 Rt = E. P. pole # 307922 - H

0+35.98 = E. old E. of Torrey Pines Rd.

#1650

B.M. = Nail in Pole - Nly Side By 100.35
 B. 2123 - P. 2 0+00

E

20

04.13

04.77

56

69.6

edge CL.

87.5 88.4 88.5 88.6 88.1 88.0 94.9 97.0 101.7
 50 30 25 10 2 18.5 31 45
 edge edge edge
 oil drive dr.

88.28 89.3 89.8 89.8 90.9 95.0 98.0 102.1
 43 30 15 10 15 30 45
 gut. in Dr. edge oil edge oiled drive

90.74 90.69 90.97 91.6 91.6 91.6 98.2 102.0 05.7
 43 gut. 26.7 12 oil 3 9 30 45
 Top

91.97 92.30
 gut. 19.4 = Top

92.73 92.30 93.32 93.44 94.1 94.5 101.8 05.0 06.0 07.6
 Top 44.4 28 12 2 15 30 35 45
 gut. edge oil

95.17

3.3

Top

94.87 94.53 95.31 95.28 95.70 97.5 101.1 03.4 04.7 06.8
 32.5 16 gut Top 12 20 30 35 45
 gut

97.76 97.39 98.20 98.16 98.52 102.8 105.0 07.5
 Top 16.3 16.4 Top 30 35 45
 gut gut

Amalfi

Conc. Slab for Patio

Lt. Rt. 51

3+89- 30' Lt. = sly. of Dr. + wly. of Curved edge of

91.08 90.96
41 = 30
floor Dr. + Slab
gat

3+60

90.0 89.87 89.38 89.1 84.4 84.2 84.2 84.0 83.4 84.5 99.3
44 = 40 28.6 24 14 6 oil 15 30 43 69
House Conc. Dr. Top Top

3+30.5- 19.2 Lt. = Beg. sly. of 10' Conc. Dr.

84.48 84.24
28.7 19.2
Cor. Dr.

3+20 - Cont.

96.6
65 - Top of
fill

3+20 - 32' Rt. = 35x22 grate
E + cb. face of 3.5' opening cb. inlet

85.0 84.5 84.2 83.8 83.4 82.44 82.24 83.33 86.6
40 30 15 oil 15 29.5 32 Top 45
grate grate dr.

3+00

85.0 84.8 83.9 84.0 83.2 84.5 85.0 86.8 95.9
40 30 10 edge oil 22 26 30 40 57
Top

2+93.5 - 27.5' et = E.P. pole # J.P. 1699
= BM. 86.04 = spike

2+87.5 - 44.4' Lt. = Cor. of Pump Sta.

2+75

85.5 85.4 84.8 84.7 84.3 91.6 94.8
40 30 10 edge oil 15 36 68
85.77 36.4 =
Cor. Slab

2+69.5 - 36.4' Lt. = Cor. of Pump Sta. - Conc. Slab

2+55 - 9' et = Cor. of Dr. at oil

2+50

86.6 86.7 86.3 85.9 85.5 88.8 92.4 101.1
40 30 15 edge 7.5 32 36 50
oil oil + Dr. edge Dr.

2+25 - Cont.

02.70
50
on Dr.

2+25 - 8' Rt. = Cor. of A.C. Dr.

87.1 88.0 87.9 87.2 86.3 86.8 92.4 98.5 011
50 30 22 edge oil 8 = Cor. 11 15 30 39
of Dr. edge Dr.

Amalfi

Lt.

Rt.

32

5+71.51

99.9 98.7 99.1 99.5 99.6 99.3 97.7 13.5 17.1
40 30 20 10 oil 3 10 30 45

5+41.22

98.0 96.5 96.7 96.9 96.7 96.3 102.8 05.0 11.7 12.8
40 30 20 10 oil 3 9 20 31 45
Top

5+10.94 = 1/5 - Sect. Radial

95.6 93.8 93.9 94.3 94.2 93.9 97.5 101.4 109.9
40 30 21 10 oil 5 9 20 37 top

4+85 - 29.1 Rt. = E.P. pole # J.P. 1725

4+80.65 = B.C.

95.6 92.0 91.3 91.9 91.3 93.4 99.3 108.0
40 30 18 oil 9 15 30 45
Top

4+76 - 34.6 Lt. = sly. of Conc. Block wall

4+74 - 37.6 Lt. = end Gar. at Conc. Block wall

4+57 - 28.6 Lt. = Dr. + Cor. of Gar.

93.56
28.6
Dr. + Gar.
floor 88.50
No. 4 = Cor.
Dr.

4+45.5 - 16.4 Lt. = Cor. of Dr.

4+40 = Thru Conc. Dr. on Lt.

93.34 91.50 88.05 87.9 88.4 88.6 87.9 90.7 92.5 104.2
44 30 16.1 12 oil 8 16 18 30 50
Dr. edge Conc. Dr. Top

Cor. of Fence - Below

4+29 - 15.4 Lt. = Cor. of Conc. drive - wly. line along

87.35
15.4 - Conc. Dr.

4+25.5 - 25.5 Lt. = Cor. of Fence - Conc. inside

90.72
25.5 - Conc. Dr.

4+00

90.99 90.91 85.7 85.3 85.4 85.5 84.7 88.5 102.3
33.4 26 14 oil 10 23 30 58
Conc. at Conc. House Top

- 26.3 Lt. = edge of Conc.

5+96 - 24 Lt. = Cor. of Board Fence

90.87
26.3
Conc.

Amalfi

Lt.

±

Rt.

33

07.16
07.12

old sections OK from here on

7+61.7 = Match - 7+65 - B. 2123 - P. 5

concr. wall - end lattice fence

10.7 Lt. = Cor. slab. + 15.6 Lt. = end slab. = Beg.

7+46.69 = End at P.L. Line - Sect. along Line

17.7 18.1 17.7 17.7 26.5
15.6 17 17 28
at wall

13.30 17.16 17.07 16.4 16.4 15.8 24.0 27.9
33.5 15.6 10.7 2 oil 18 30 45
on at wall slab oil

7+02 - Rock Terrace + planting Behind fence
Planting on outside

6+97.5 - 15.2 Lt. = Beg. lattice fence

01.0 02.2 04.6 10.1 10.9 10.7 10.6 10.8 10.6 11.5 20.8 22.5
50 35 30 15.3 7 5 17 22 30 45 50
Toe oil

6+80

97.0 98.7 02.0 09.6 08.4 08.4 08.8 08.8 09.7 08.9
45 30 20 5 5 15 22 30 45
oil

6+76 - 10' Rt. = ± Sewer M.H. = BM = 109.57

6+72 - 38.2' et. = ± P. pole # P. 1757

See B. 2123 - P. 4 for Conn. to 24" to W.

6+54 - 34.2 Rt. = ± of inlet of 24" R.C. pipe

98.0 98.3 97.8 07.1 06.0 06.8 06.7 07.4 04.96 06.5
45 30 23 6 15 30 30 34.2 45
oil I.E. of inlet

6+44 - 36 Rt. = ± Deadman

6+32.08 = E.C.

00.8 02.3 04.1 04.6 04.7 05.3 05.2 07.0 13.0
40 30 20 6 oil 10 17 30 45

6+12 - 29 Rt. = ± P. pole # P. 1751

6+01.79

02.0 02.1 01.9 02.7 02.6 09.5 15.3
40 30 14 oil 9 13 30 45

D. Smith.
R Taylor
D. Chipman
K. Begg
C. Stephens

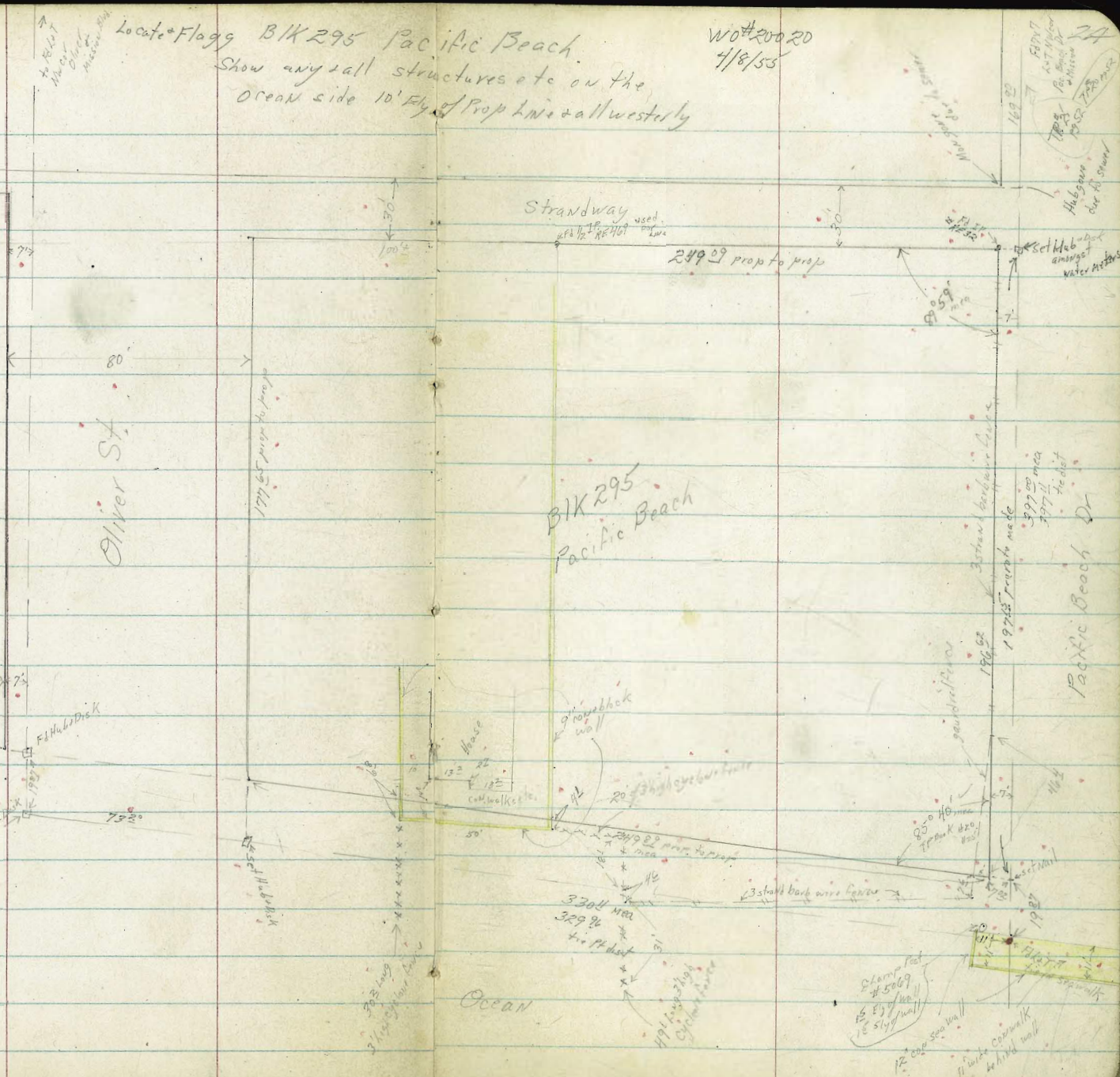
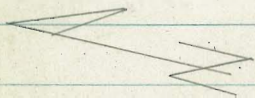
Locate Flagg BIK 295 Pacific Beach.

W/O #20020

4/8/55

Show any/all structures etc on the
ocean side 10' Ely of Prop Line & all westerly

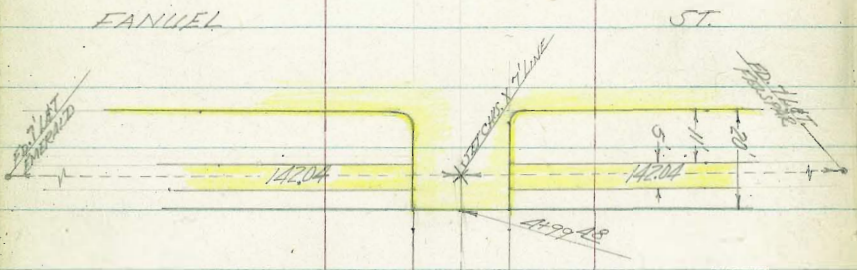
INDEXED
DER
APR 11 1955



CROSS SEC. ALLEY BLK. 187 PACIFIC BEACH.
 EVERTS TO FANUEL, BETWEEN FELSPAR & EMERALD
 GRADE ORD.

INDEXED
 HER
 APR 28 1955

25

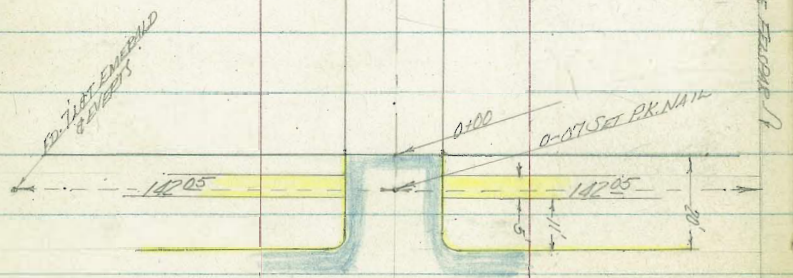
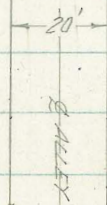


COTA
 GARRETT
 KELLEY
 MOORE
 NO. 25020
 A-25-55

EVERTS
 80' ST.
 20' ROADWAY
 11' CURB TO N.R.
 5' WIDE WALK
 1st RAD. ALLEY RETURNS
 A.C. PAVING.

FANUEL
 80' ST.
 40' ROADWAY
 11' CURB TO WALK
 5' WIDE WALK
 2nd RAD. ALLEY RETURNS
 CONC. PAVING

BLK. 187
 PACIFIC BEACH



EVERTS ST.

20.7' LOT. N.B. COR.
 FELSPAR & EVERTS

Lt. (No.)

±

Rt. (So.)

0150

51.3 51.3 50.6 50.1 50.5
20 10 10 20

0146 9° Rt. to ± P.P. # P.A. 1210

0135 10⁺ Rt. to ± 3⁵ WIDE CONC. WALK.

50.60 50.61
10L 20L
LIP.

0100 EAST PROP. EVERTS

50.01 49.57 49.17 49.38 49.56
10 10 10 10
Cb. gut. gut. Cb.

51.82

100
Cb.

41.33

100
Cb.

0-20 EAST CURB LINE EVERTS

51.18 50.70 50.07 49.87 49.21 48.97 48.63 47.86 48.44 46.68
100 50 50 14 14 14 50 50 100
gut. Cb. gut Cb. gut B.C. Ref. gut. Cb. gut.
B.C. Ref.

0-10 ± EVERTS

51.15 50.30 49.38 48.18 47.13
100 50 50 100

B.M. 5838 SEBP EMUEL & EMERALD

DIRECT ELEV. ROD USED.

	LT. (No.)		RT. (No.)	
2400	532 20	530 10	526 10	525 20
1499	8° RT. TO RR# A 1252			
1492	5315 175 CONC. FLOOR	5292 12 LIP		
1490	9° RT. TO φ 8° WIDE CONC. DRIVE TO SINGLE GARAGE		5255 99 LIP	5267 153 FLOOR CONC.
1451 ⁵	10° RT. TO φ 8° WIDE CONC. WK.		5229 108	5210 208
1450	528 20	521 10	521 10	518 20
400	519 20	518 10	511 10	508 20

4420 14⁵ LT. TO ♀ SINGLE GARAGE

55.33
145
CONC.
FLOOR

4400 9⁰ RT. TO ♀ RR # A1280

54.8 54.7 54.3 54.1 54.1
20 10 10 20

3449 10⁴ RT. END CONC. APRON FOR 4 GARAGES,

54.4 54.2 54.0 53.99 54.28
20 10 10⁴ LIP. 1A CONC. FLOOR

3400 10⁷ RT. BEGIN CONC. APRON FOR FOUR SINGLE GARAGES

53.9 53.6 53.6 53.8 54.09 54.2A
20 10 10 10⁷ LIP. 1A CONC. FLOOR

2493 10² LT. TO ♀ 11⁰ WIDE CONC. DRIVE TO SINGLE GAR.

54.38 53.87
14.2 CONC. LIP. FLOOR

2150

53.8 53.2 53.0 52.8 52.8
20 10 10 20

Lt. (No.)

\$ Rt. (So.)

5

B.M. CHECK 58.39-58.38 SERP. EDWIEZ @ EMERALD

5139.18 @ EDWIEZ

57.17
100

55.76
50

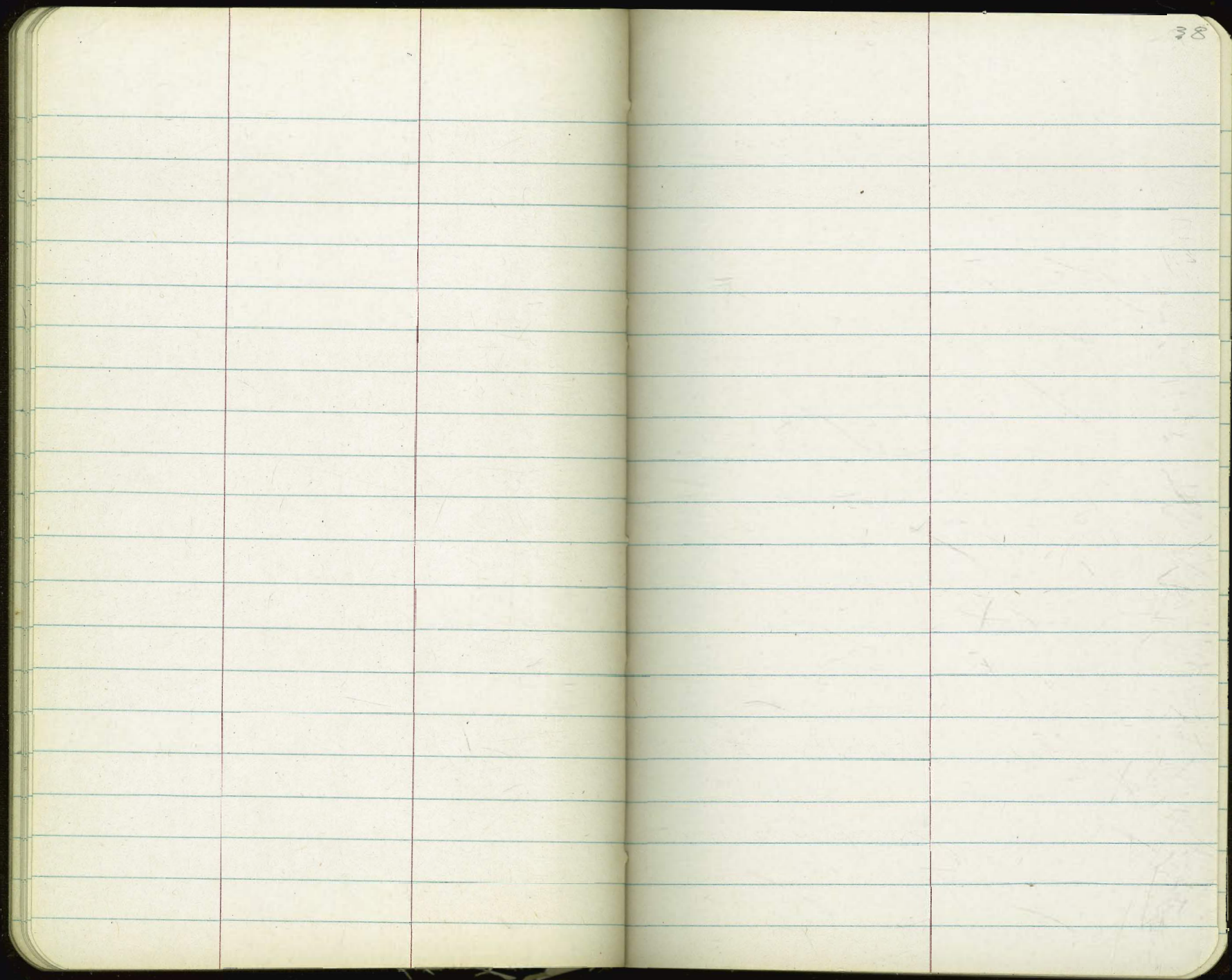
54.50

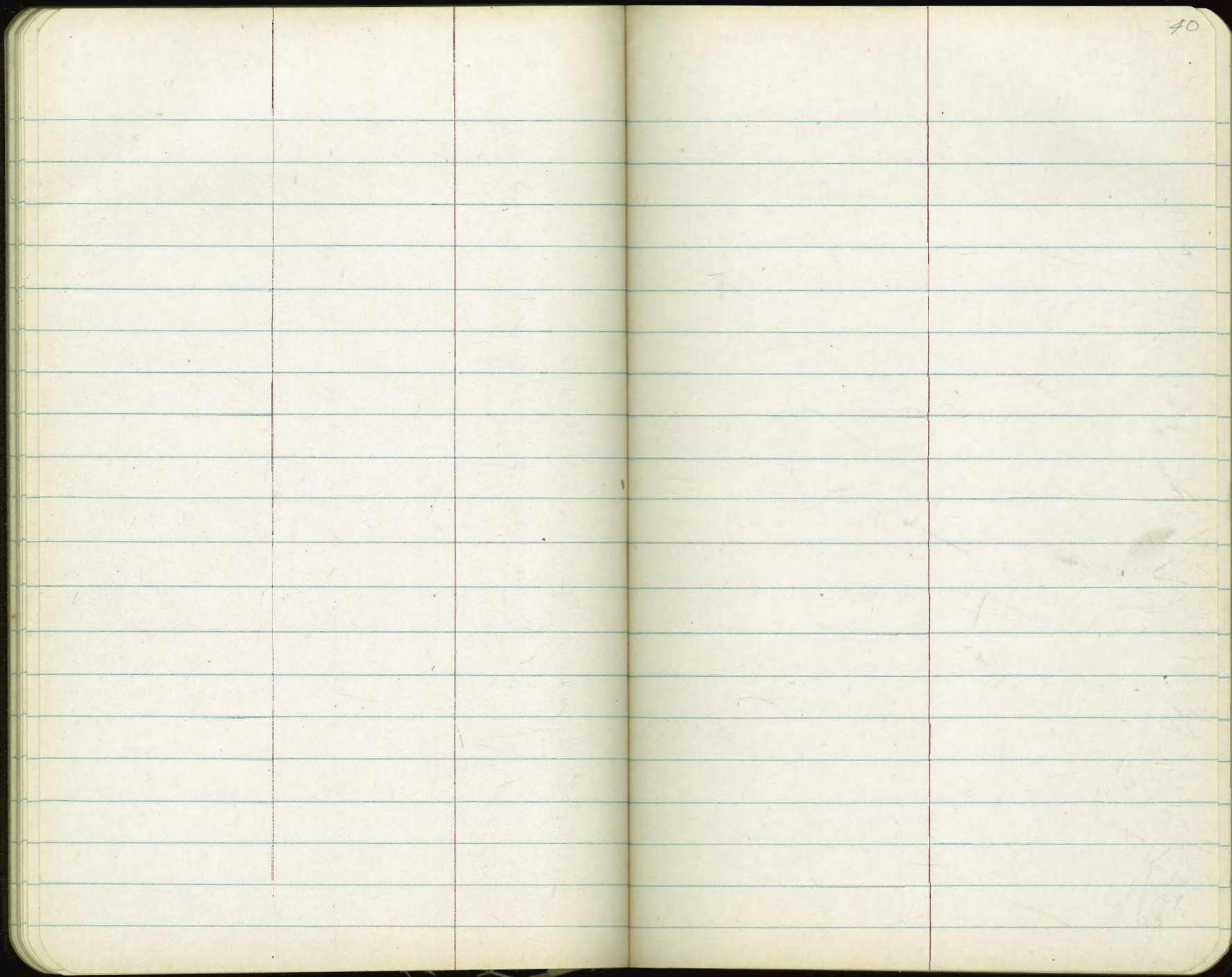
53.35
50

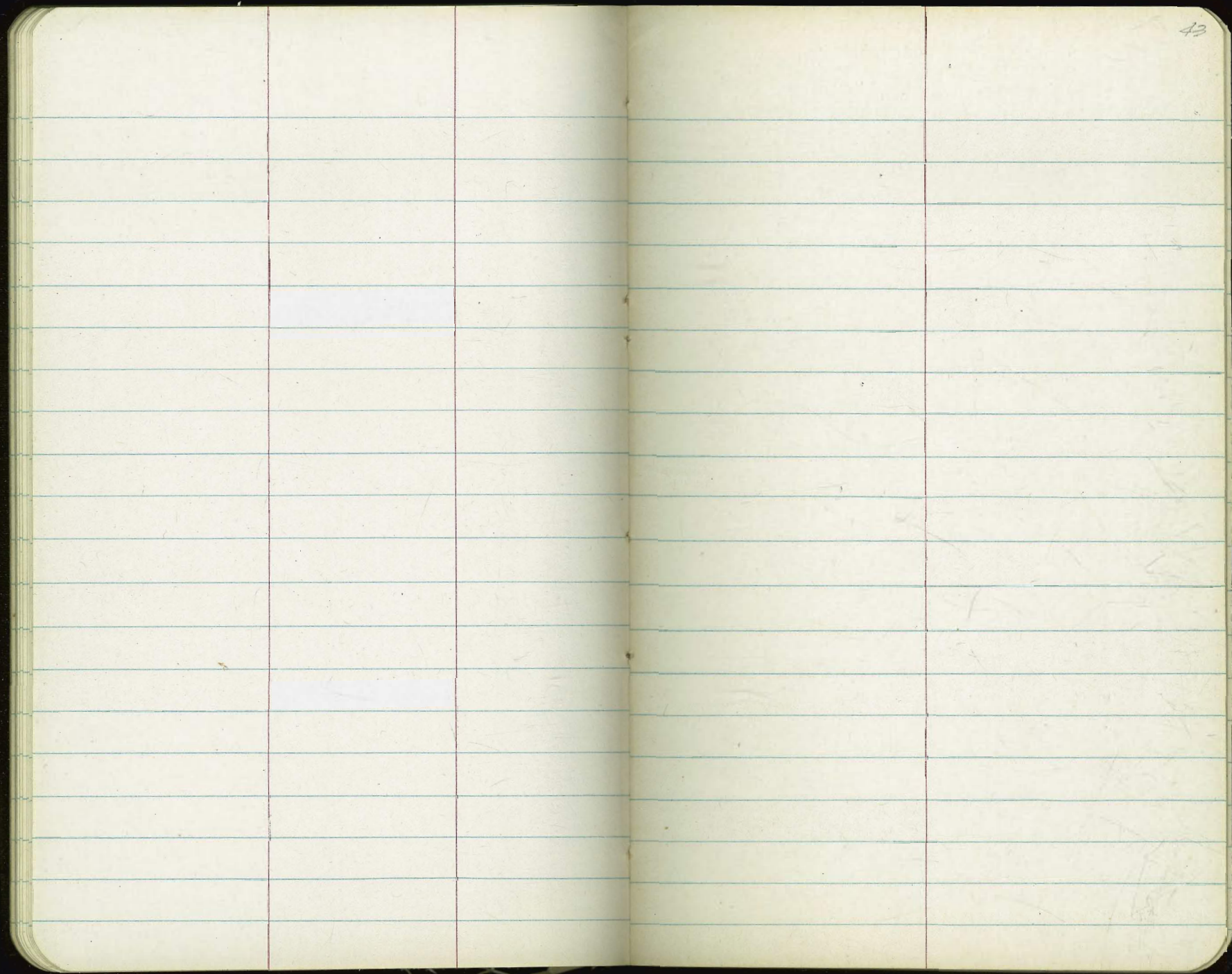
52.17
100

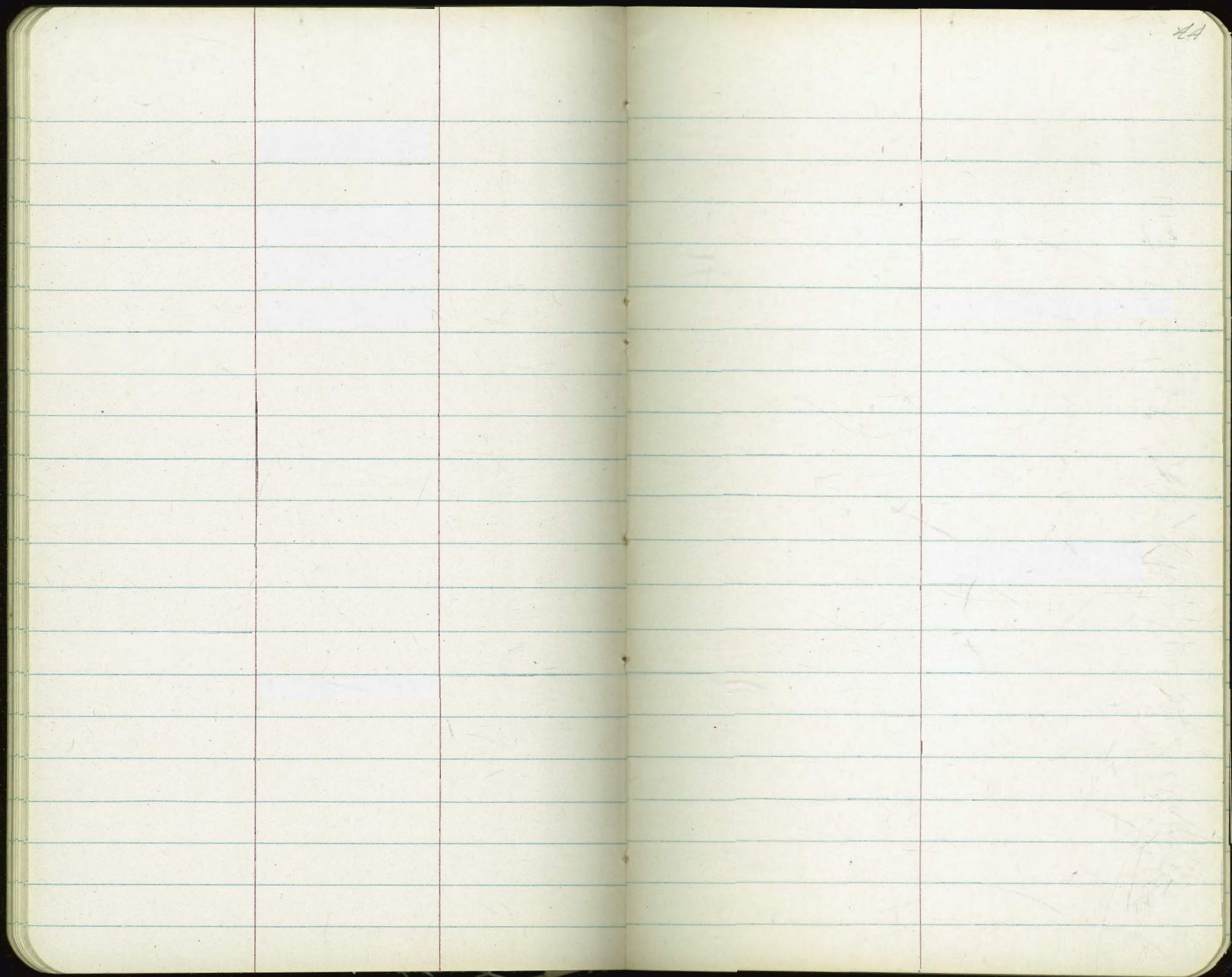
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5

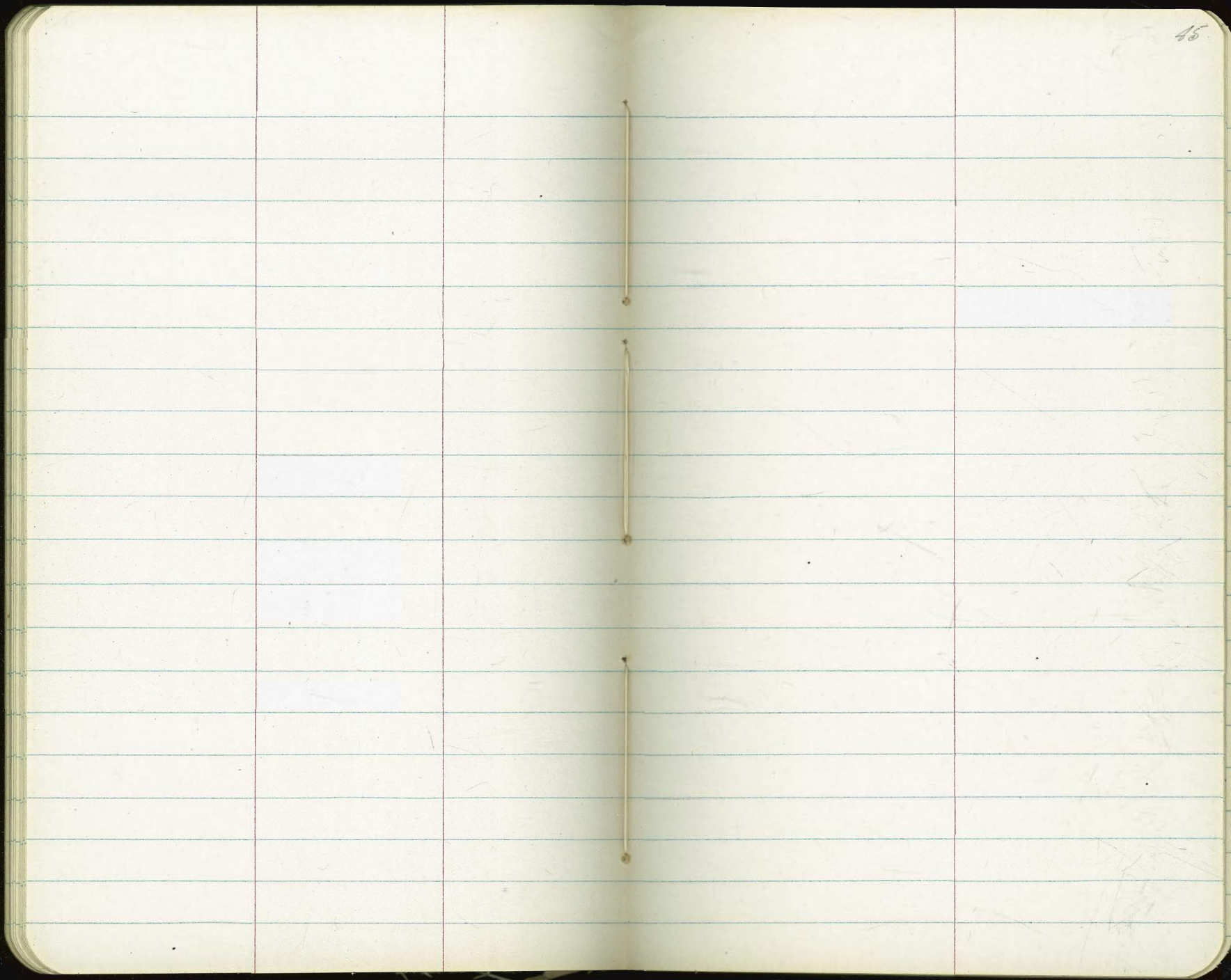


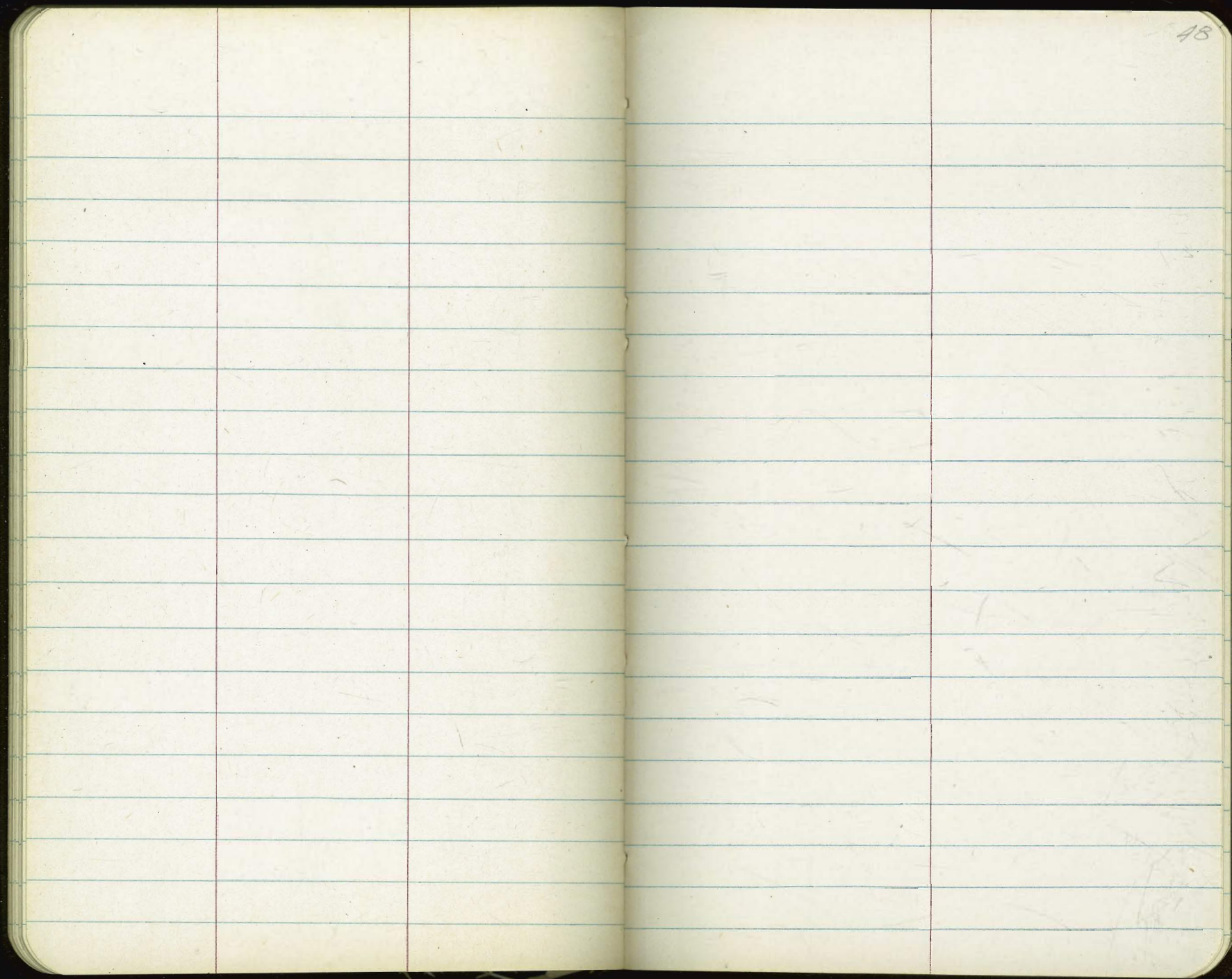


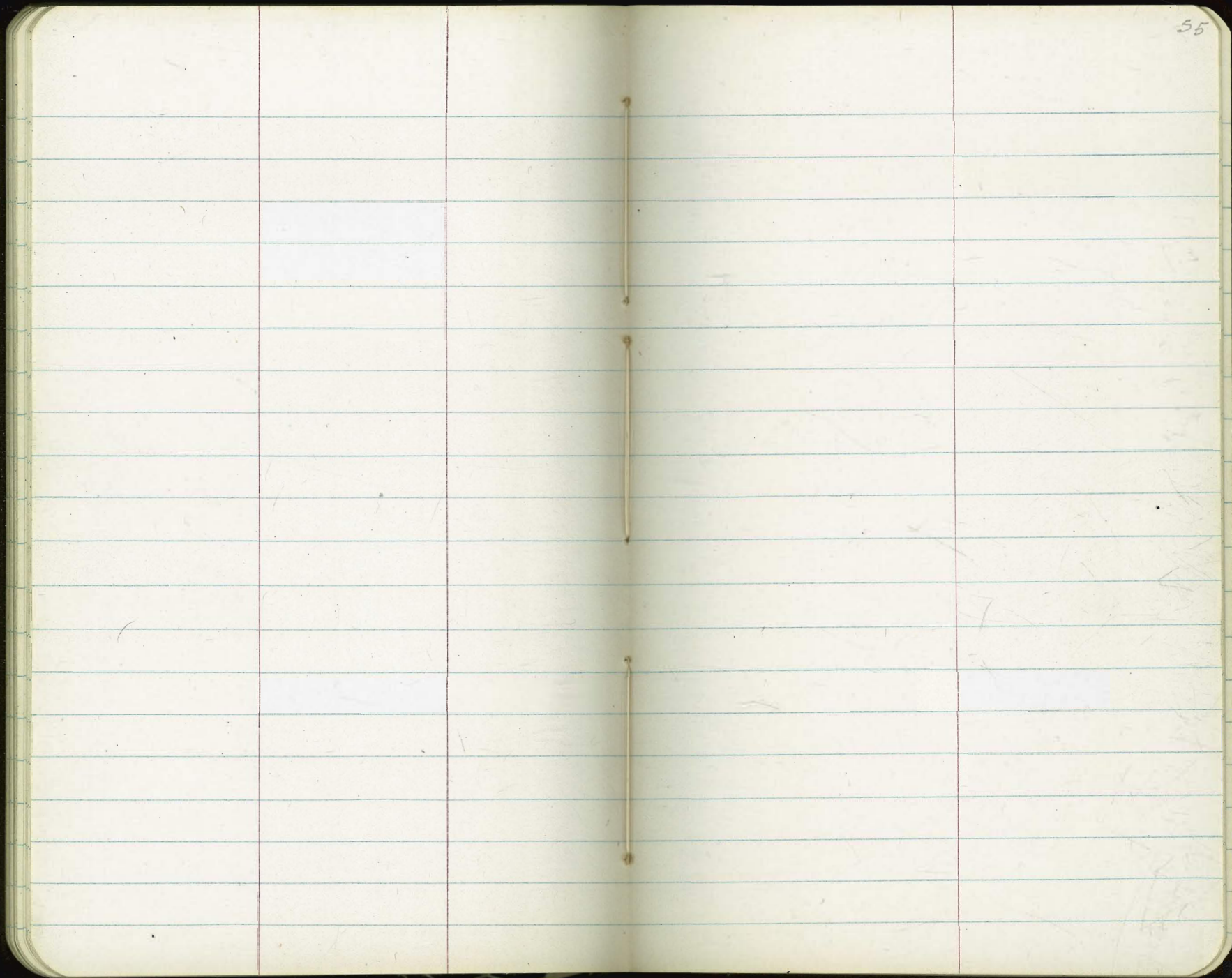


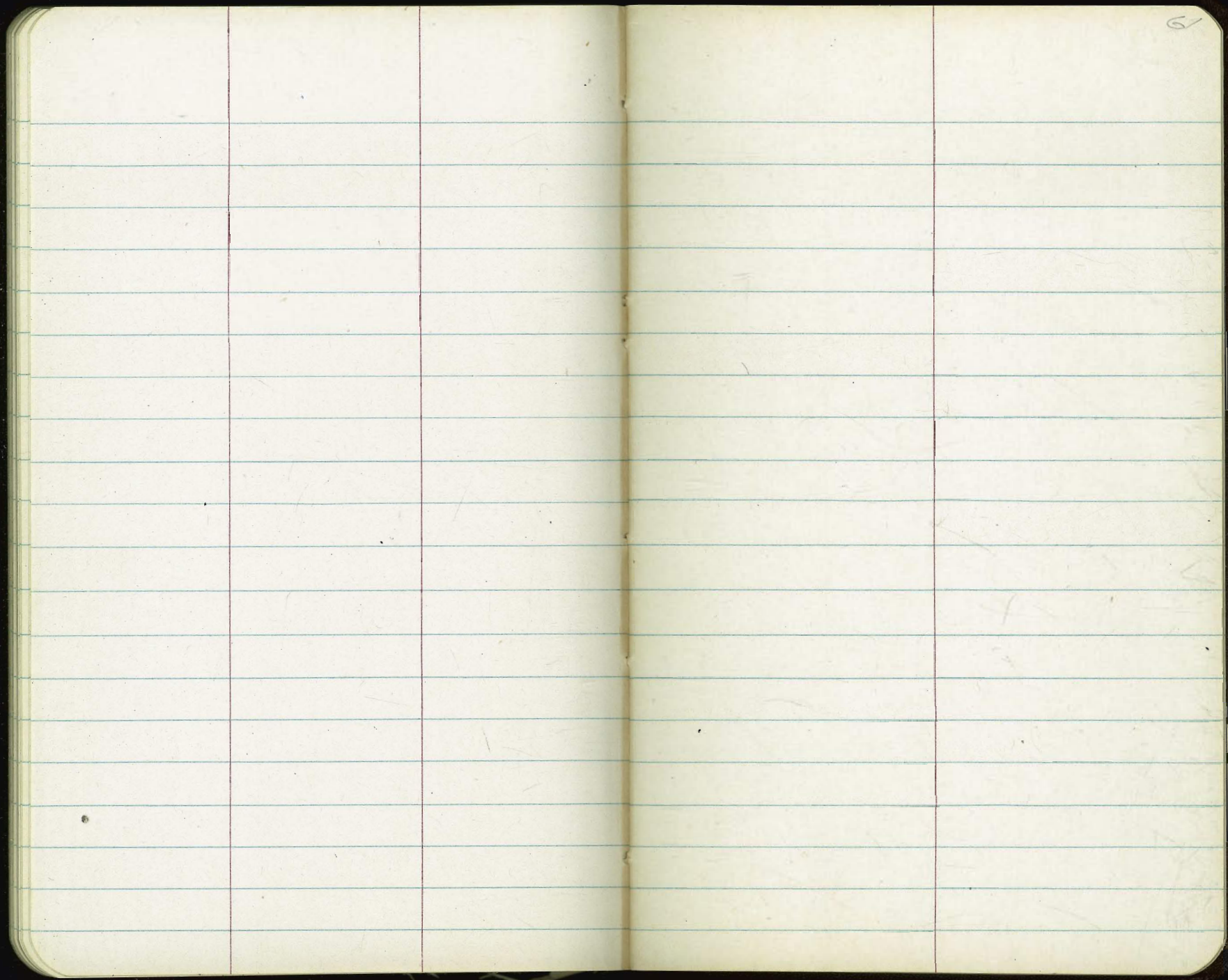


24



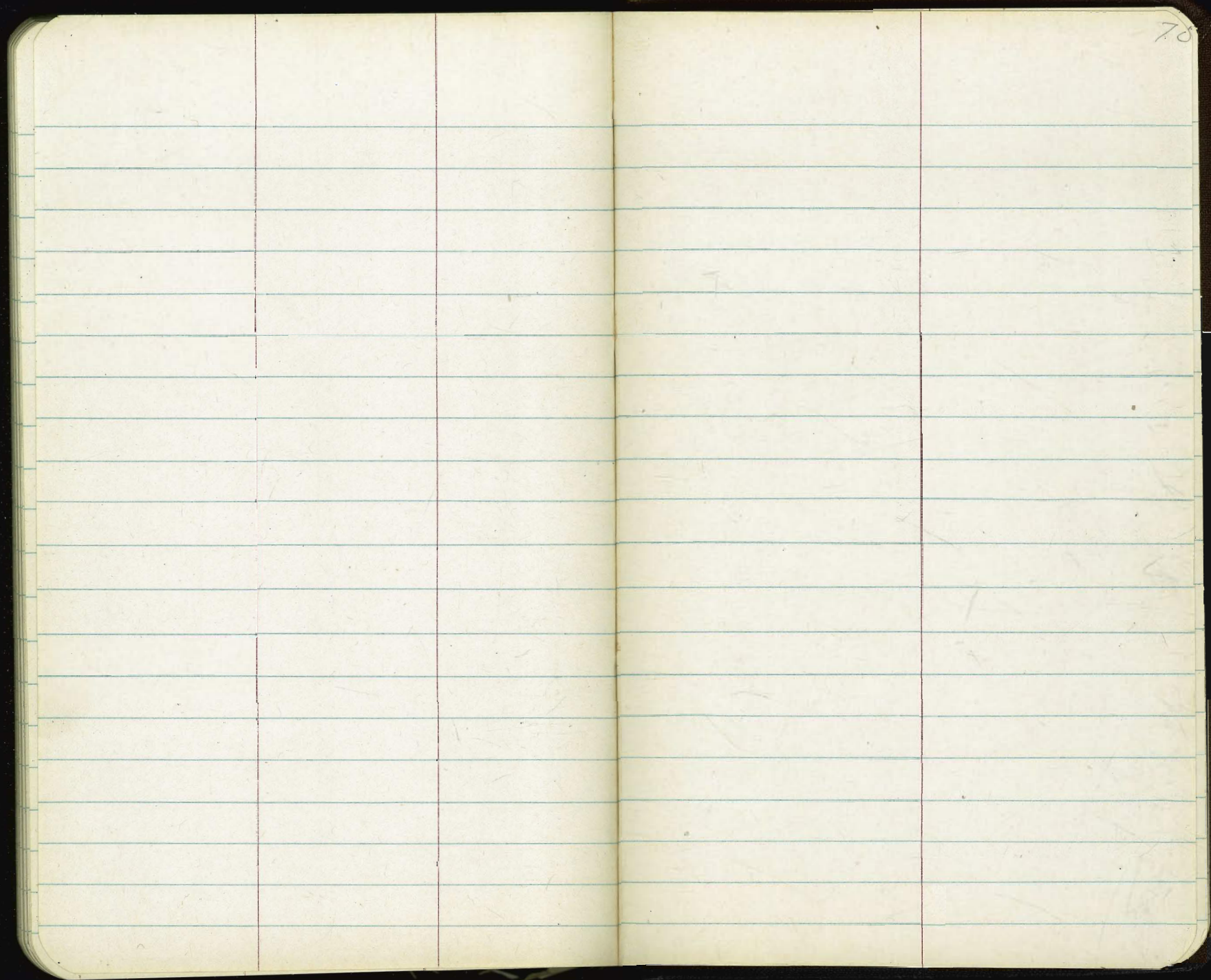




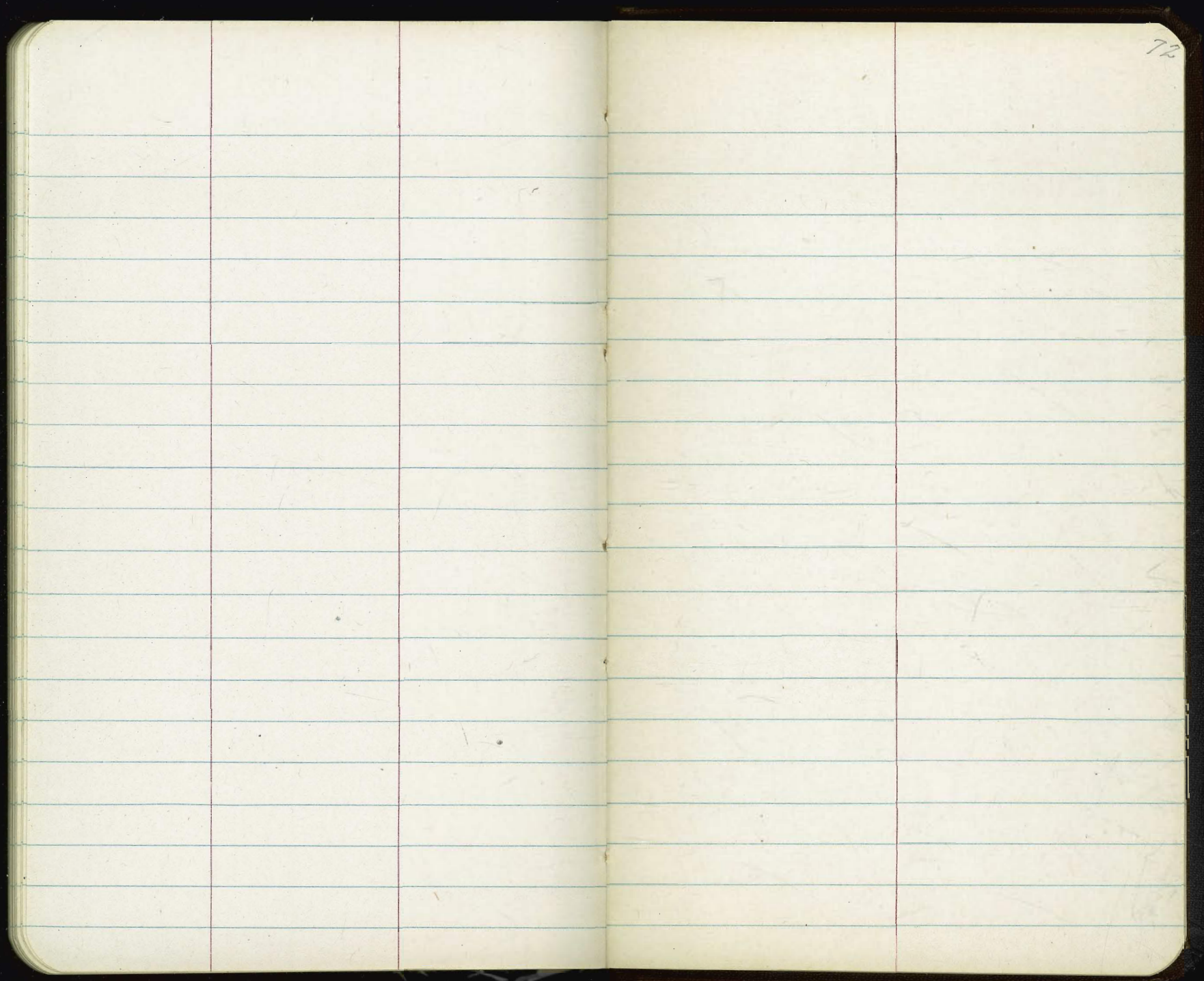


The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. The notebook is bound in the center, with visible stitching or staples. The pages are otherwise blank, with no text or drawings. The number '65' is handwritten in the top right corner of the right page. The notebook is set against a dark, possibly black, background.

The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. The notebook is bound in the center, and the pages have rounded corners. The number '66' is handwritten in the top right corner of the right page. The notebook is set against a dark, possibly black, background.

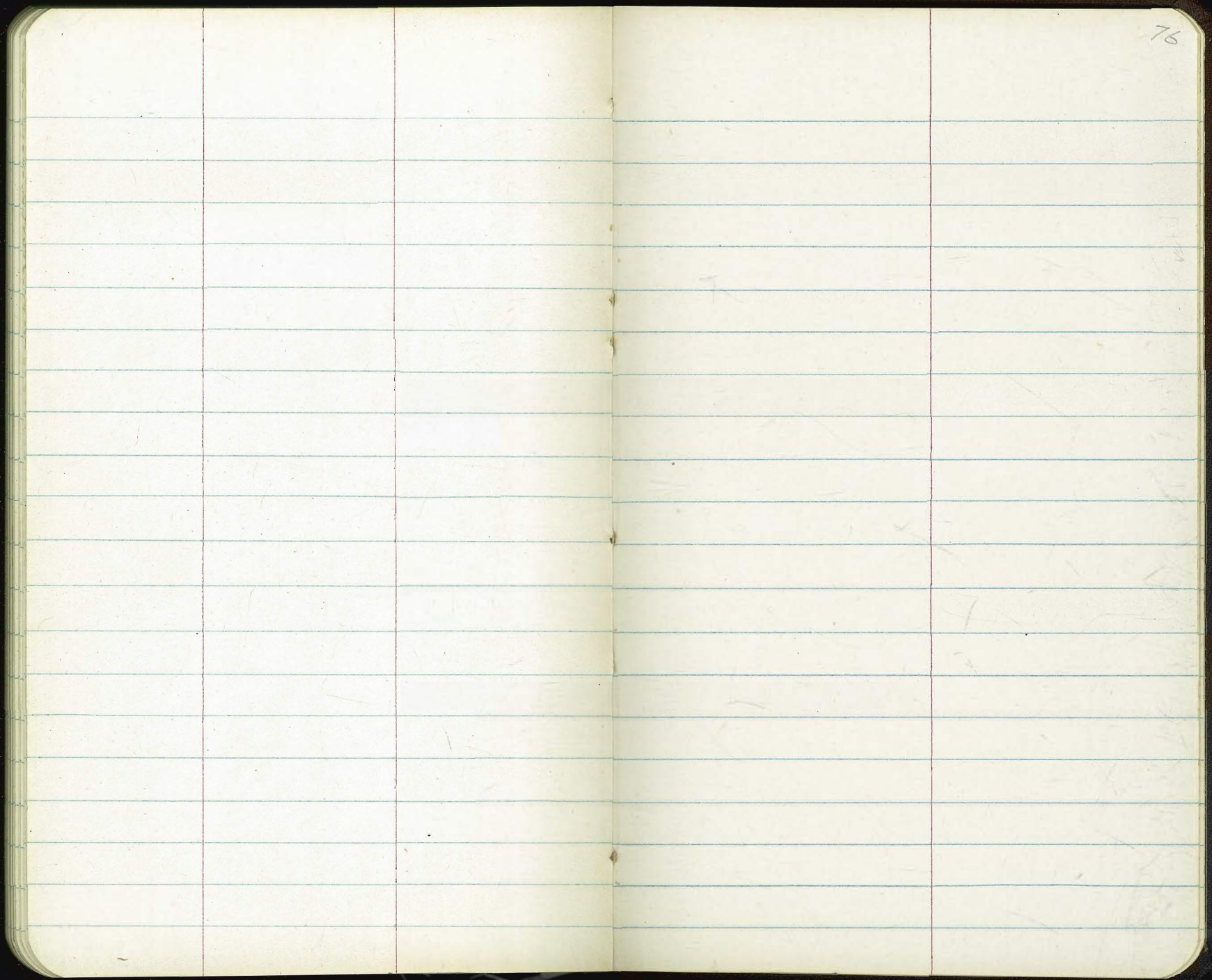


The image shows an open notebook with two facing pages. Both pages are cream-colored and feature horizontal light blue ruling lines. The notebook is bound in a dark, possibly black, cover that is visible at the edges. The pages are otherwise blank, with no writing or markings, except for the page number '71' in the top right corner of the right page.



72

An open notebook with two blank, lined pages. The pages are cream-colored with light blue horizontal ruling. The notebook has a dark cover visible around the edges. The pages are otherwise empty, with only a small handwritten number '24' in the top right corner of the right page.



The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. Each page is divided into three vertical columns by two red lines. The leftmost column is the widest, followed by a narrower middle column, and a narrow rightmost column. The pages are otherwise blank, with no handwriting or printed text. The notebook's dark cover is visible at the edges, and the central binding is visible between the two pages.

30.286
 5 151.43³⁰

4+80.65
 30.286

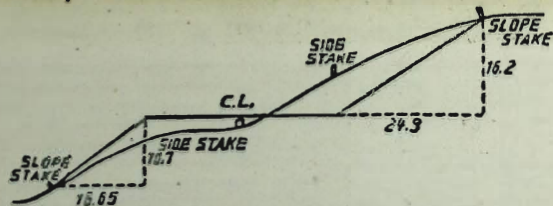
5+109.36

+41.222
 30.286

5+77.508

6+01.794
 30.286

6+32.080



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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