

BROOKLYN Heig.

Dale St. - Vassar St to

No. line of So. Park Add.

Van Ness Ave.

Williams St.

Watkins St.

Horton St.

Vassar St.

} Park to Despan.

Watkins Dale to So. Park

223

F.B. 223

Table 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	2 1/3	21	49	41	95 2/3
2	4 2/3	22	51 1/3	42	98
3	7	23	53 2/3	43	100 1/3
4	9 1/3	24	56	44	102 2/3
5	11 2/3	25	58 1/3	45	105
6	14	26	60 2/3	46	107 1/3
7	16 1/3	27	63	47	109 2/3
8	18 2/3	28	65 1/3	48	112
9	21	29	67 2/3	49	114 1/3
10	23 1/3	30	70	50	116 2/3
11	25 2/3	31	72 1/3	51	119
12	28	32	74 2/3	52	121 1/3
13	30 1/3	33	77	53	123 2/3
14	32 2/3	34	79 1/3	54	126
15	35	35	81 2/3	55	128 1/3
16	37 1/3	36	84	56	130 2/3
17	39 2/3	37	86 1/3	57	133
18	42	38	88 2/3	58	135 1/3
19	44 1/3	39	91	59	137 2/3
20	46 2/3	40	93 1/3	60	140

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City Hall, San Diego, Cal.
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.

MICROFILMED

Angle	COR. IN LINKS	Angle	COR. IN LINKS	Angle	COR. IN LINKS	Angle	COR. IN LINKS
0		0		0		0	
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

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Table show
runni

MINUT

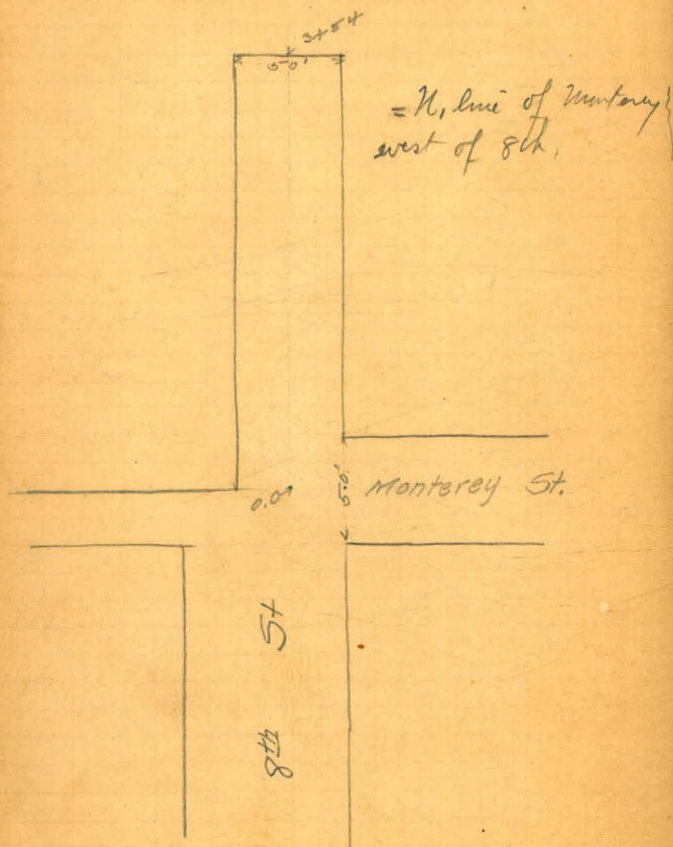
1...
2...
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In the f
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Angle

0
4
5
6
7
8
9
10

280.20 Wether. 5th. Spk.



Levels over Center Line of 8th St
from Monterey to End of St. 8th St

POSTED

	3.95	288.20		284.25
T.P.	3.87	289.11	2.96	285.24
0			4.6	284.5
+25			4.5	284.6
+50			4.9	284.2
+75			4.8	284.3
1+00			4.2	284.9
+25			4.2	284.9
+50			4.5	284.6
+75			4.8	284.3
2+00			4.8	284.3
+25			4.5	284.6
+50			4.4	284.7
+75			4.6	284.5
3+00			4.8	284.3
+25			5.1	284.0
+54			5.6	283.5

Cross Section Date 51

9 } Darrow
85 } Wilmore
85 } Thomas

POSTED

2.88 28901

286.13

50 line Vassar

E line	0.4	288.6
Ch	1.1	287.9
"	1.2	287.8
C	1.5	287.5
"	1.6	287.4
Ch	1.8	287.2
W line	2.2	286.8

50' 50 Vass

W line	3.0	286.0
Ch	2.6	286.4
"	2.0	287.0
C	2.1	286.9
"	1.9	287.1
Ch	1.9	287.1
E line	1.3	287.7

Vassar to No. Line So. Park

2

100' 50 Vass

E line	2.4	286.6
Ch	2.9	286.1
"	2.8	286.2
C	2.9	286.1
"	3.3	285.7
Ch	3.4	285.6
W line	3.5	285.5

150 50 Vass

W line	3.8	285.2
Ch	3.4	285.6
"	3.8	285.2
C	3.6	285.4
"	3.5	285.5
Ch	3.5	285.5
E line	3.1	285.9

(289.01)

200' S. Vast

E Line	3.9	285.1
Ch	4.6	284.4
1/4	4.7	284.3
C	4.4	284.6
1/4	4.4	284.6
Ch	4.3	284.17
W Line	4.4	284.6

200' S. Vast

W Line	5.5	283.5
Ch	5.5	283.5
1/4	5.3	283.17
C	5.3	283.7
1/4	5.0	284.0
Ch	4.7	284.3
E Line	4.6	284.4

3

300' S. No 1170 Horton

E Line	4.7	284.3
Ch	5.2	283.8
1/4	5.3	283.17
C	5.3	283.17
1/4	5.2	283.8
Ch	5.8	283.17
W Line	6.1	282.9

No Ch Horton

W Line	6.4	282.6
Ch	6.1	282.9
1/4	5.7	283.3
C	5.5	283.5
1/4	5.4	283.6
Ch	5.1	283.9
E Line	4.7	284.3

(289.01)

No 4 Horton

E Line	4.8	284.1
Ch	5.1	283.9
"4	5.5	283.5
C	5.6	283.4
"4	5.9	283.1
Ch	6.3	282.7
W Line	6.6	282.4

Ctr Horton

W Line	6.7	282.3
Ch	6.4	282.6
"4	6.0	283.0
C	5.8	283.2
"4	5.5	283.5
Ch	5.1	283.9
E Line	5.0	284.0

4

So 4 Horton

E Line	5.3	283.7
Ch	5.4	283.6
"4	5.7	283.3
C	6.1	282.9
"4	6.2	282.8
Ch	6.5	282.5
W Line	6.8	282.2

So Ch Horton

W Line	6.9	282.1
Ch	6.5	282.5
"4	6.4	282.6
C	6.1	282.9
"4	5.9	283.1
Ch	5.7	283.3
E Line	5.2	283.8

(289.01)

50 line Horton

E Line	5.3	283.7
Ch	5.8	283.2
1/4	5.9	283.1
C	6.2	282.8
1/4	6.7	282.3
Ch	6.8	282.2
W line	7.0	282.0

50' 50 Horton

W line	8.1	280.9
Ch	7.6	281.4
1/4	7.8	281.2
C	7.2	281.8
1/4	7.0	282.0
Ch	6.9	282.1
E Line	6.5	282.5

5

100' 50 Horton

E Line	7.5	281.5
Ch	7.6	281.4
1/4	8.0	281.0
C	8.5	280.5
1/4	8.8	280.2
Ch	9.0	280.0
W line	9.4	279.6

T.P. 2.30 282.48 8.13 280.18

150' 50 Horton

W Line	4.1	278.4
Ch	3.8	278.7
1/4	3.2	279.3
C	3.1	279.4
1/4	2.8	279.7
Ch	2.1	280.4
E line	1.6	280.9

282.48

200' So Horton

E line	2.3	280.2
Cb	3.0	279.5
$\frac{1}{4}$	3.6	278.9
C	4.1	278.4
$\frac{1}{4}$	4.3	278.2
Cb	4.3	278.2
W line	4.8	277.7

250' So Horton

W line	5.5	277.0
Cb	5.1	277.4
$\frac{1}{4}$	4.8	277.7
C	4.5	278.0
$\frac{1}{4}$	4.1	278.4
Cb	3.7	278.8
E line	3.6	278.9

6

300 So - No line Watkins

E line	4.4	278.1
Cb	4.5	278.0
$\frac{1}{4}$	4.8	277.7
C	5.0	277.5
$\frac{1}{4}$	5.5	277.0
Cb	5.8	276.7
W line	6.3	276.2

No Cb Wat

W line	6.4	276.1
Cb	6.0	276.5
$\frac{1}{4}$	5.5	277.0
C	5.1	277.4
$\frac{1}{4}$	5.0	277.5
Cb	4.8	277.7
E line	4.7	277.8

28248
N. 1/4 Watkins

E line	5.0	277.5
Ch	5.0	277.5
1/4	5.1	277.4
C	5.4	277.1
1/4	5.7	276.8
Ch	6.2	276.3
W line	6.8	275.7

Ctr Wat

W line	6.7	275.8
Ch	6.4	276.1
1/4	6.1	276.4
C	5.7	276.8
1/4	5.4	277.1
Ch	5.3	277.2
E line	5.1	277.4

5. 1/4 Wat

E line	5.3	277.2
Ch	5.7	276.8
1/4	5.7	276.8
C	5.9	276.6
1/4	6.4	276.1
Ch	6.7	275.8
W line	7.1	275.4

5. Ch Wat

W line	7.3	275.2
Ch	7.0	275.5
1/4	6.7	275.8
C	6.3	276.2
1/4	6.2	276.3
Ch	6.1	276.4
E line	5.8	276.7

282.48

So Line Watkins

E line	6.1	276.4
Ch	6.4	276.1
"4	6.6	275.9
C	6.6	275.9
"4	6.9	275.6
Ch	7.2	275.3
W line	7.5	274.9

50' 50 Wat

W line	8.9	273.6
Ch	8.6	273.9
"4	8.4	274.1
C	8.2	274.3
"4	8.2	274.3
Ch	8.1	274.4
E line	7.8	274.7

8

100' 50 Wat

E line	9.1	273.4
Ch	9.2	273.3
"4	9.4	273.1
C	9.8	272.7
"4	10.1	272.4
Ch	9.9	272.6
W line	10.2	272.3
T.P.	1.71	274.46
E line	1.25	274.50
Ch	1.8	272.7
"4	1.9	272.6
"4	2.2	272.3
C	2.8	271.7
"4	2.8	271.7
Ch	2.9	271.6
W line	3.2	271.3

274.46

150' S. Watkins

W line	4.3	270.2
Ch	3.9	270.6
$\frac{1}{4}$	4.0	270.5
C	3.8	270.7
$\frac{1}{2}$	3.3	271.2
Ch	2.9	271.6
E line	2.3	272.2

175' S. Wat

E line	3.1	271.4
Ch	3.8	270.7
$\frac{1}{4}$	4.3	270.2
C	4.6	269.9
$\frac{1}{4}$	5.2	269.3
Ch	5.0	269.5
W line	5.2	269.3

9

200' S. Wat

W line	6.7	267.8
Ch	6.5	268.0
$\frac{1}{4}$	5.9	268.6
C	4.9	269.6
$\frac{1}{2}$	4.5	270.0
Ch	4.0	270.5
E line	3.2	271.3

225' S. Wat

E line	3.3	271.2
Ch	4.1	270.4
$\frac{1}{4}$	4.7	269.8
C	5.6	268.9
$\frac{1}{4}$	6.2	268.3
Ch	6.5	268.0
W line	7.9	266.6

27446

250' 50" Watkins

Wline	7.9	266.6
Cl	7.0	267.5
1/4	6.4	268.1
C	5.6	268.9
1/4	4.9	269.6
Cl	4.0	270.5
E line	3.3	271.2

275' 50" Wat

E line	3.6	270.9
Cl	4.1	270.4
1/4	4.7	269.8
C	5.4	269.1
1/4	6.3	268.2
Cl	6.9	267.6
Wline	7.6	266.9

10

300' No L. 176 Williams

Wline	7.5	267.0
Cl	6.7	267.8
1/4	6.1	268.4
C	5.5	269.0
1/4	5.0	269.5
Cl	4.5	270.0
E line	4.0	270.5

No Cl Will

E line	4.2	270.3
Cl	4.8	269.7
1/4	5.2	269.3
C	5.6	268.9
1/4	6.2	268.3
Cl	6.6	267.9
Wline	7.4	267.1

274.46

No 4 Williams

W line	7.4	267.1
Ch	6.8	267.7
1/4	6.4	268.1
C	5.8	268.7
1/4	5.3	269.2
Ch	5.0	269.5
E line	4.5	270.0

Ctr Williams

E line	4.8	269.7
Ch	5.1	269.4
1/4	5.4	269.1
C	6.0	268.5
1/4	6.5	268.0
Ch	7.0	267.5
W line	7.6	266.9

Note - Williams is 75 wide

50 4 Williams

W line	7.8	266.7
Ch	7.1	267.4
1/4	6.8	267.7
C	6.1	268.4
1/4	5.6	268.9
Ch	5.3	269.2
E line	4.8	269.7

50 Ch Williams

E line	5.0	269.5
Ch	5.7	268.8
1/4	6.1	268.4
C	6.4	268.1
1/4	7.1	267.4
Ch	7.6	268.9
W line	8.2	266.3

274.46

5. 1128 Williams

W line	8.5	266.0
Ch	7.8	266.7
1/4	7.2	267.3
C	6.5	268.0
1/4	6.3	268.2
Ch	5.8	268.7
E line	5.24	269.3

25.50 Williams

E line	6.2	268.3
Ch	6.5	268.0
1/4	7.0	267.5
C	7.6	266.9
1/4	8.2	266.3
Ch	8.6	265.9
W line	9.2	265.3

50.50 Williams

W line	10.2	264.3
Ch	9.5	265.0
1/4	9.0	265.5
C	8.4	266.1
1/4	7.7	266.8
Ch	7.1	267.4
E line	6.6	267.9

75.50 Will

E line	7.2	267.3
Ch	7.9	266.6
1/4	8.4	266.1
C	9.2	265.3
1/4	9.8	264.7
Ch	10.5	264.0
W line	11.4	263.1

T.P. 2.70 266.22 10.94 263.52

266.22

100' 50" Williams

W line	4.5	261.7
Ch	3.6	262.6
$\frac{1}{4}$	2.9	263.3
C	2.5	263.7
$\frac{1}{4}$	1.5	264.7
Ch	0.6	265.6
E line	10.2	266.42

123' 50" Will

E line	1.0	265.2
Ch	1.6	264.6
$\frac{1}{4}$	2.7	263.5
C	3.6	262.6
$\frac{1}{4}$	4.7	261.5
Ch	5.7	260.5
W line	6.8	259.9

150' 50" Will

W line	8.1	258.1
Ch	7.3	258.9
$\frac{1}{4}$	6.5	259.7
C	5.4	260.8
$\frac{1}{4}$	4.1	262.1
Ch	2.7	263.5
E line	2.0	264.2

175' 50" Will

E line	4.2	262.0
Ch	5.5	260.7
$\frac{1}{4}$	6.6	259.6
C	8.1	258.1
$\frac{1}{4}$	8.2	258.0
Ch	9.2	257.0
W line	10.4	255.8

26.6 22

200 S. Williams

W-line	13.0	253.2
Cb	11.7	254.5
1/4	10.2	256.0
C	9.2	257.0
1/4	8.9	257.3
Cb	7.4	258.8
E-line	6.5	259.7

225 S. Will

E-line	8.5	257.7
Cb	10.1	256.1
1/4	10.7	255.5
C	11.3	254.9
1/4	12.9	253.3

T.P. 3.24 256.82 12.64 253.58

Cb	5.1	251.7
W-line	5.9	250.9
10' W	6.9	249.9

250' S. Williams

15 W	10.8	246.0
W-line	9.1	247.7
Cb	7.4	249.4
1/4	5.7	251.1
C	4.5	252.3
1/4	3.4	253.4
Cb	2.8	254.0
E-line	1.4	255.4

275' S. Will

E-line	1.8	255.0
Cb	4.2	252.6
1/4	5.4	251.4
C	7.4	249.4
1/4	9.7	247.1
Cb	10.3	246.5

W-line	12.0	244.8
13' W	14.2	242.6
25' W	12.6	247.2

256.82

TIP 12.03 255.89 12.96

No. 1106 Van Ness

E line 1.8 254.1

Cb 3.1 252.8

1/4 5.1 250.8

C 7.1 248.8

1/4 9.0 246.9

Cb 10.9 245.0

W line 14.2 241.7

10' W 14.0 241.9

20' W 16.9 239.0

No Cb Van

14' W 17.1 238.8

W line 13.8 242.1

Cb 10.7 245.2

1/4 8.7 247.2

C 6.7 249.2

1/4 5.0 250.9

Cb 3.1 252.8

E line 1.5 254.4

243.86

Pig SW Cor
Van Ness & Dalb.

No 1/4 Van

E line 1.4 254.5

Cb 3.6 252.3

1/4 4.9 251.0

C 6.9 249.0

1/4 9.0 246.9

Cb 10.7 245.2

W line 12.6 243.3

15' W 15.7 240.2

Ctr Van

15' W 14.4 241.5

W line 12.6 243.3

Cb 11.2 244.7

1/4 9.5 246.4

C 7.0 248.9

1/4 4.9 251.0

Cb 3.7 252.2

E line 1.6 254.3

15

253.89

50 4 Van Ness

E line	1.5	254.4
Ch	3.4	253.5
1/4	5.4	250.5
C	7.2	248.7
1/4	9.4	246.5
Ch	10.9	245.0
W line	12.7	243.2
15 W	14.4	241.5

50 Ch Van

15 W	14.1	241.8
W line	12.5	243.4
Ch	11.2	244.7
1/4	9.1	246.8
C	7.3	248.6
1/4	5.7	250.2
Ch	3.2	252.7
E line	1.0	254.7

16

50 line Van

E line	0.5	255.4
Ch	2.9	253.0
1/4	4.8	251.1
C	6.7	249.2
1/4	8.2	247.7
Ch	10.1	245.8
W line	12.1	243.8
15 W	13.6	242.3

25 50 Van

15 W	11.6	244.3
W line	10.1	245.8
Ch	8.2	247.7
1/4	7.0	248.9
C	5.4	250.5
1/4	3.9	252.0
Ch	1.8	254.1
T.P.	3.37	259.18
E line	0.08	255.81
	3.3	255.9

50' 50 Van Ness

E line	2.3	256.9
Ch	3.8	255.4
1/4	5.6	253.6
C	7.5	251.7
1/4	8.9	250.3
Ch	10.4	248.8
W line	11.3	247.9
15' W	12.9	246.3

75' 50 Van

W line	10.4	248.8
Ch	9.4	249.8
1/4	8.3	250.9
C	7.0	252.2
1/4	5.2	254.0
Ch	3.8	254.4
E line	2.5	256.7

100' 50 Van

E line	3.2	256.0
Ch	4.2	255.0
1/4	5.2	254.0
C	6.5	252.7
1/4	8.0	251.2
Ch	8.9	250.3
W line	10.0	249.2

125' 50 Van

W line	10.3	248.9
Ch	9.2	250.0
1/4	8.0	251.2
C	7.0	252.2
1/4	5.9	253.3
Ch	4.9	254.3
E line	4.0	255.2

25918

150 So Van Nias

E line	5.3	253.9
Cl	5.9	253.3
1/4	6.7	252.5
C	7.7	251.5
1/4	9.0	250.2
Cl	9.9	249.3
W line	11.0	248.2

175 So Van

W line	11.8	247.4
Cl	10.8	248.4
1/4	9.7	249.5
C	8.9	250.3
1/4	8.0	251.2
Cl	7.2	252.0
E line	6.5	252.7

18

200 So Van

E line	7.1	252.1
Cl	8.0	251.2
1/4	9.4	249.8
C	10.2	249.0
1/4	11.1	248.1
Cl	12.0	247.2
W line	12.9	246.3

225 So Van

W line	13.9	245.3
Cl	13.1	246.1
1/4	12.2	247.0
C	11.2	248.0
1/4	10.1	249.1
Cl	9.2	250.0
E line	8.6	250.6

259.18

250' 50 Van Neen

E line	9.2	250.0
Ob	9.7	249.5
1/4	11.1	248.1
C	12.2	247.0
T.P	4.87	251.91
1/4	5.6	246.3
Ob	6.2	245.7
W line	6.8	245.1

275' 50 Van

W line	8.2	243.7
Ob	6.7	245.2
1/4	6.2	245.7
C	5.9	246.0
1/4	4.5	247.4
Ob	4.2	247.7
E line	3.0	248.9

19

300 = No line Choate

E line	3.8	248.1
Ob	4.8	247.1
1/4	5.6	246.3
C	5.9	246.0
1/4	6.4	245.5
Ob	6.8	245.1
W line	8.6	243.3

No line Choate

W line	8.9	243.0
Ob	7.5	244.4
1/4	6.9	245.0
C	6.8	245.1
1/4	6.0	245.9
Ob	5.6	246.3
E line	4.4	247.5

25191

No 4 Choate

E line	4.5	247.4
Ch	5.7	246.2
1/4	6.4	245.5
C	6.9	245.0
1/4	7.5	244.4
Ch	8.1	243.8
W line	8.7	243.2

Ctr Choate

W line	8.7	243.2
Ch	8.4	243.5
1/4	7.9	244.0
C	7.1	244.8
1/4	6.4	245.5
Ch	5.9	246.10
E line	5.0	246.9

20

50 1/2 Choate

E line	5.8	246.1
Ch	6.0	245.9
1/4	6.7	245.2
C	7.7	244.2
1/4	8.0	243.9
Ch	8.9	243.0
W line	8.8	243.1

50 Ch Choate

W line	9.9	242.0
Ch	8.9	243.0
1/4	8.4	243.5
C	7.3	244.6
1/4	7.0	244.9
Ch	6.8	245.1
E line	6.1	245.8

251.91

20 line Choate

E line	5.8	246.1
Ch	6.5	245.4
1/4	7.4	244.5
C	7.6	244.3
1/4	8.4	243.5
Ch	8.8	243.1
W line	9.81	242.1

25' 50 Choate

W line	9.8	242.1
Ch	9.1	242.8
1/4	8.7	243.2
C	8.5	243.4
1/4	8.1	243.8
Ch	7.2	244.7
E line	6.3	245.6

21

50' 50 Choate

E line	6.6	245.3
Ch	7.6	244.3
1/4	8.2	243.7
C	8.9	243.0
1/4	9.3	242.6
Ch	9.6	242.3
W line	10.3	241.6

75' 50 Choate

W line	10.6	241.3
Ch	10.4	241.5
1/4	9.2	242.7
C	8.9	243.0
1/4	8.5	243.4
Ch	7.5	244.4
E line	6.7	245.2

25191

110' 50" Choute

E-line	7.6	244.3
Cl	8.0	243.9
$\frac{1}{2}$	8.5	243.4
C	8.9	243.0
$\frac{1}{4}$	9.0	242.9
Cl	9.5	242.4
W-line	11.2	240.7

T.P. 5.33 245.41 11.83 246.08

125' 50" Choute

W-line	4.6	240.8
Cl	3.7	241.7
$\frac{1}{2}$	3.1	242.3
C	2.7	242.7
$\frac{1}{4}$	2.1	243.3
Cl	1.6	243.8
E-line	1.6	243.8

150' 50" Choute

E-line	1.4	244.0
Cl	2.2	243.2
$\frac{1}{2}$	2.7	242.7
C	2.8	242.6
$\frac{1}{4}$	3.4	242.0
Cl	4.2	241.2
W-line	4.9	240.5

175' 50" Choute

W-line	4.8	240.6
Cl	4.3	241.1
$\frac{1}{2}$	3.8	241.6
C	3.6	241.8
$\frac{1}{4}$	3.0	242.4
Cl	2.2	243.2
E-line	1.7	243.7

200' So Choate

E line	2.8	242.6
Ob	3.0	242.4
1/4	3.2	242.2
C	3.8	241.6
1/4	4.1	241.3
Ob	4.6	240.8
W line	5.2	240.2

225' So Choate

W line	5.8	239.6
Ob	4.5	240.9
1/4	4.2	241.2
C	4.7	240.7
1/4	4.2	241.2
Ob	3.4	242.0
E line	3.1	242.3

250' So Choate

E line	3.8	241.6
Ob	4.2	241.2
1/4	4.5	240.9
C	5.4	240.0
1/4	5.9	239.5
Ob	6.3	239.1
W line	6.7	238.7

275' So Choate

W line	7.3	238.1
Ob	7.3	238.1
1/4	6.2	239.2
C	5.7	239.7
1/4	5.4	240.0
Ob	4.8	240.6
E line	4.4	241.0

300 = No line Seaman

E line	5.2	240.2
Ch	5.6	239.8
1/4	6.2	239.2
C	6.3	239.1
1/4	7.3	238.1
Ch	7.7	237.7
W line	7.9	237.5

No A Seaman

W line	8.7	236.7
Ch	7.6	237.8
1/2	7.4	238.0
C	7.2	238.2
1/4	6.6	238.8
Ch	6.1	239.3
E line	5.6	239.8

No 1/4 Seaman

E line	6.1	239.3
Ch	6.5	238.9
1/4	7.0	238.4
C	7.5	237.9
1/4	7.8	237.6
Ch	8.2	237.2
W line	9.2	236.2

Ch. Seaman

W line	9.7	235.7
Ch	8.6	236.8
1/4	8.5	236.9
C	7.6	237.8
1/4	7.3	238.1
Ch	6.9	238.5
E line	6.7	238.7

20' 4" Seaman

E line	7.4	238.0
Ch	7.8	237.6
"4	7.5	237.9
C	7.6	237.8
"4	8.8	236.6
Ch	9.0	236.4
W line	9.9	235.5

20' Ch Seaman

W line	10.0	235.4
Ch	9.2	236.2
"4	9.4	236.0
C	8.8	236.6
"4	8.5	236.9
Ch	8.3	237.1
E line	8.0	237.4

20' line Seaman

E line	9.0	236.4
Ch	9.0	236.4
"4	9.2	236.2
C	9.5	235.9
"4	9.8	235.6
Ch	10.3	235.1
W line	10.8	234.6

25' 50" Seaman

W line	12.2	233.2
Ch	11.8	233.6
"4	11.4	234.0
C	11.1	234.3
"4	10.8	234.6
Ch	10.7	234.7
E line	11.2	234.2

T.P 1.07 234.35 12.13 233.28

68

234.35

50' 50' Seaman

E line	3.0	231.4
Cl	2.3	232.1
1/4	2.4	232.0
C	2.7	231.7
1/4	3.0	231.4
Cl	3.3	231.1
W line	3.8	230.6

75' 50' Seaman

W line	6.1	228.3
Cl	5.8	228.6
1/4	5.7	228.7
C	5.5	228.9
1/4	5.5	228.9
Cl	5.7	228.7
E line	5.6	228.8

POSTED

26

111 50' of Seaman - W line 20 Park

E line	10.0	224.4
Cl	9.6	224.8
1/4	9.8	224.6
C	10.0	224.4
1/4	9.9	224.8
Cl	9.4	225.0
W line	9.2	225.2

T.P. 2.08 225.43 11.00 223.35
 B.M. P. N. E. Cor Dale & Amherst 7.92 217.57

LEVELS OVER VAN NESS AVE.
(PARK AVE - FERN AVE)

NOV. 20, 1905

H.I.

COVERT
WETMORE
MOORE

B.M. 0.02 230.92 230.90

0.07 218.39 12.60 218.32

0.12 205.75 12.76 205.63

0 = EAST LINE PARK AVE.

+ 09-E

+ 11-E

+ 25-E

+ 50-E

12.90 218.53 0.12 205.63

+ 50-E

+ 75-E

12.90 231.22 0.21 218.32

+ 10-E

+ 50-E

10.27 241.17 0.32 230.90

210-E = WEST LINE BEAN

+ 40 = CEN. BEAN

N. L

CEN.

S. L

27

HUB AT N.W. COR BEAN - VAN NESS

7.0 198.7 9.1 196.6 11.1 194.6

15.2 190.5

13.1 192.6

11.0 194.7 7.9 197.8 10.2 195.5

0.6 205.1 1.0 204.7

10.0 208.5

3.1 215.4 0.9 217.6 4.9 213.6

10.1 221.1 8.6 222.6 11.5 219.7

4.3 226.9 3.4 227.8 5.0 226.2

10.3 230.9 9.6 231.6 10.9 230.3

9.4 231.8 8.5 232.7 9.1 232.1

241.77

80-E = 0 = EAST LINE BEAN.

50-E

100-E

150-E

200-E = WEST LINE 29TH

+40 = CEN. LINE 29TH.

+80 = 0 = EAST LINE 29TH

50-E

70-E

4.33 234.36 11.14 230.03

100-E

125-E

150-E

12.86 246.62 0.60 233.76

50 E

100 E

115-E

N. L

CEN.

S. L

8.8 232.4 8.1 233.1 8.7 232.5

8.4 232.8 7.7 233.5 8.7 232.5

8.0 233.2 8.1 233.1 9.4 231.8

6.4 234.8 7.7 233.5 10.5 230.7

3.7 237.5 6.5 234.7 10.4 230.8

2.3 238.9 5.9 235.3 9.9 231.3

0.9 240.3 4.9 236.3 8.5 232.7

2.5 238.7 8.9 232.3

9.4 231.8

13.1 221.3

2.1 232.3

6.2 228.2

3.6 243.0

1.8 244.8 8.7 237.9

9.5 237.1

150-E

167-E

175-E

200-E = WEST LINE DALE.

12.33 258.80 0.15 246.47

+40 = CENTER LINE DALE

+80 = 0 = EAST LINE DALE.

12.61 271.04 0.37 258.43

50-E

100-E

150-E

200-E = WEST LINE 30TH

+40 = CEN "

+80 = 0 = EAST "

50-E

100-E

150-E

246.62

2.84

243.78

243.86

108 CH.

S.W. DALE
V.N.

N.L

C.L

S.L

29

3.1

243.5

10.7

235.9

5.3

241.3

10.2

236.4

8.2

238.4

5.9

240.7

4.9

241.7

3.4

243.2

3.0

243.6

10.4

248.4

10.2

248.6

8.7

250.1

4.8

254.0

4.6

254.2

3.5

255.3

9.5

261.5

9.0

262.0

9.5

261.5

4.4

266.6

5.5

265.5

6.6

264.4

2.9

268.1

4.2

266.8

5.8

265.2

2.6

268.4

3.7

267.3

4.8

266.2

2.0

269.0

3.1

267.9

3.4

267.6

1.5

269.5

2.4

268.6

3.2

267.8

1.4

269.6

2.0

269.0

3.3

267.7

1.8

269.2

2.6

268.4

3.3

267.7

3.0

268.0

4.0

267.0

5.2

265.8

48

271.04

200-E

222-E = WEST LINE FERN

252-E = CEN " "

282-E = EAST " "

WILLIAMS ST = 75' WIDE
(DESPARD - PARK)

7.56 278.33 0.27 270.77

EAST LINE DESPARD

CEN. " "

0 = WEST " "

8.5-W

58.5-W

108.5-W = EAST LINE 30TH

CEN. " "

WEST " "

50-W

100-W

30

N.L

C.L

S.L

7.2 263.8 8.4 262.6 9.9 261.1

9.5 262.5 10.5 260.5 11.6 259.4

9.3 261.7 11.5 259.5 12.9 258.1

10.2 260.8 11.6 259.4 13.7 257.3

8

4.3 274.0 4.6 273.7 4.9 273.4

3.3 275.0 3.6 274.7 4.1 274.2

2.5 275.8 3.3 275.0 3.8 274.5

2.2 276.1 3.3 275.0 3.6 274.7

1.9 276.4 3.0 275.3 2.9 275.4

1.5 276.8 2.1 276.2 2.7 275.6

1.8 276.5 2.4 275.9 2.8 275.5

2.4 275.9 2.9 275.4 3.2 275.1

3.2 275.1 3.9 274.4 4.5 273.8

4.5 273.8 5.5 272.8 6.1 272.2

278.33

150-W

200-W = EAST LINE DATE

+40 = CEN " "

+80 = 0 = WEST " "

0.02 265.39 12.96 265.37

50-W

100-W

150-W

163-W

125-W

200-W = EAST LINE 29TH

+40 = CEN " "

+80 = WEST " "

0.51 253.05 12.85 252.54

180-W

200-W = EAST LINE 29TH

+28

N.L

C.L

S.L

31

6.3 272.0 7.2 271.1 7.7 270.6

8.0 270.3 8.7 269.6 9.2 269.1

9.4 268.9 9.9 268.4 10.5 267.8

11.6 266.7 11.5 266.8 12.5 265.8

8

1.8 263.6 1.1 264.3 1.5 263.9

5.6 259.8 4.9 260.6 4.0 261.4

8.3 257.1 9.7 255.7 7.5 257.9

11.9 253.5

8.2 257.2

9.4 256.0 11.1 254.3

10.5 254.9

12.2 253.2

8.8 244.2

10.6 242.4

2.1 250.9

18

253.05

+40 = CEN. LINE 29TH.

+72

+80 = WEST LINE 29TH.

50-W

100-W

150-W

0.02 240.21 12.86 240.19

200-W = EAST LINE BEAN

+40 = CEN " "

+80 = 0 = WEST " "

50-W

100-W

150-W

200-W = EAST LINE PARK AVE

B.M. 9.30 230.91

T.P. 1.06 231.36 9.91 230.30

0.18 218.89 12.65 218.71

N.L

C.L

S.L

32

3.9 249.1 5.7 247.3

20.7 232.3

5.3 247.7 18.6 234.4

1.5 251.5 3.9 249.1 13.1 239.9

5.3 247.7 6.9 246.1 10.4 242.6

10.9 242.1 10.7 242.3 12.9 240.1

2.6 237.6 1.1 239.1 2.9 237.3

5.3 234.9 3.8 236.4 5.1 235.1

7.1 233.1 6.5 233.8 7.3 232.9

8.9 231.3 8.4 231.8 9.5 230.7

11.1 229.1 10.5 229.7 10.6 229.6

12.2 228.0 11.4 228.8 11.4 228.8

11.0 229.2 11.4 228.8 12.0 228.2

B.M. ON HUB AT N.W. BEAN & VAN. NESS

N.E. COR. OF STONE MON. AT PARK & WILLIAMS

32

0.0 206.18 12.71 206.18

2.76 197.39 12.55 194.63

WATKINS AVE
(PARK - DESPARD)

HUB AT S.E. COR. ^{PARK} WATKINS 8.61 188.78

H.I. 197.39

0 = EAST LINE PARK

15-E

25-E

WATKINS & VAN.

N.E. HUB 12.74 209.32 0.81 196.58

25-E

50-E

12.99 221.89 0.42 208.90

50-E

75-E

12.72 234.57 0.04 221.85

100-E

150-E

N.L

C.L

S.L

33

0.8 196.6 7.2 190.2 8.6 188.8

12.3 185.1

6.7 190.7

1.7 207.6 7.1 202.2

4.3 205.0

7.3 214.6 6.4 215.5

3.9 218.0 0.0 221.9 3.8 218.1

14.9 219.7 10.2 224.4 10.4 224.2

9.5 225.1 4.4 230.2 3.8 230.8

68

200-E = WEST LINE BEAN ST.

12.725 247.70 0.195 234.375

200-E = WEST LINE BEAN ST.

+40 = CEN " " "

+80 = EAST " " "

12.70 259.39 0.41 246.69

+80 = 0 = EAST LINE BEAN ST.

50-E

12.12 271.19 0.32 259.07

100-E

150-E

200-E = WEST LINE 29TH ST.

+40 = CEN " " "

+80 = 0 = EAST " " "

50-E

11.23 282.22 0.20 270.99

100-E

N.L

C.L.

S.L

34

2.2 232.4

10.7 236.4 9.9 237.2

7.8 239.3 5.0 242.1 4.5 242.6

1.1 246.0

11.2 248.2 10.9 248.5

5.4 254.0 4.5 254.9 4.9 254.5

11.2 260.0 11.2 260.0 11.7 259.5

8.5 262.7 8.1 263.1 8.7 262.5

6.1 265.1 6.2 265.0 6.7 264.5

4.5 266.7 4.9 266.3 5.8 265.4

3.4 267.8 3.8 267.4 4.1 267.1

CRAZY COV 1.7 269.5 2.4 268.8

9.9 272.3 10.4 271.8 11.2 271.0

46

282.22

150-E

200-E = WEST LINE DALE

+40-E = CEN

+80-E = 0-EAST

50-E

100-E

150-E

200-E = WEST LINE 30TH ST.

+40 = CEN

+80 = 0 = EAST

50-E

100-E

108-E = WEST LINE DESPARD

138-E = CEN

168-E = EAST

6.42 288.51 0.13 282.09

N.L

C.L

S.L

35

7.8

274.4

8.5

273.7

9.5

272.7

6.1

276.1

6.6

275.6

7.4

274.8

4.8

277.4

5.5

276.7

6.5

275.7

4.2

278.0

4.8

277.4

5.9

276.3

3.8

278.4

4.5

277.7

5.2

277.0

2.6

279.6

3.7

278.5

4.0

278.2

2.1

280.1

2.9

279.3

3.3

278.9

1.6

280.6

2.4

279.8

2.7

279.5

1.3

280.9

1.7

280.5

1.9

280.3

0.8

281.4

1.4

280.8

1.8

280.4

2.3

279.9

2.2

280.0

2.2

280.0

5.1

277.1

5.3

276.9

4.9

277.3

5.2

277.0

5.9

276.3

5.4

276.8

7.0

275.2

7.0

275.2

7.1

275.1

7.1

275.1

7.5

274.7

8.0

274.2

TRINITY ST
HORTON AVE

(DESPARD - PARK)

H.I.
288.51

0 = EAST LINE DESPARD.

30 CEN. " "

60 = 0 = WEST " "

65 W.

565 W

106 E W = EAST LINE 30TH

= CEN. " "

= WEST. " "

50 - W

100 - W

150 - W

200 - W = EAST LINE DALE

+40 = CEN " "

+80 = 0 = WEST " "

50 - W

100 - W

N.L

C.L

S.L

36

7.3	281.2	7.8	280.7	8.3	280.2
5.9	282.6	6.7	281.8	7.2	281.3
4.5	284.0	5.1	283.4	5.3	283.2
4.0	284.5	4.8	283.7	4.9	283.6
1.9	286.6	3.3	285.2	3.6	284.9
2.0	286.5	3.0	285.5	2.9	285.6
2.5	286.0	2.8	285.7	3.9	284.6
2.9	285.6	3.5	285.0	3.6	284.9
3.1	285.4	4.0	284.5	4.1	284.4
3.6	284.9	4.4	284.1	4.6	283.9
3.7	284.8	4.0	284.5	4.5	284.0
4.2	284.3	4.5	284.0	4.9	283.6
4.8	283.7	5.3	283.2	5.7	282.8
5.7	282.8	6.2	282.3	6.7	281.8
7.5	281.0	7.8	280.7	8.3	280.2
10.0	278.5	9.9	278.6	10.3	278.2

06

	0.06	276.08	12.49	276.02
150-W				
180-W				
200-W = EAST LINE			29 TH	
+40 = CEN.		"	"	
+80 = WEST		"	"	
16-W. OF 29 TH				
50-W OF 29 TH				
	0.48	263.66	12.90	263.18
EAST LINE 29 TH				
WEST " 29 TH				
	0.59	251.51	12.74	250.92
4' WEST OF CEN. LINE 29 TH = BOTTOM OF GULLY				
	12.74	263.66	0.59	250.92
	0.33	263.50	0.49	263.17
100-W				
15	0.01	250.51	13.00	250.50

N.L

C.L

S.L

37

2.2	273.9	2.6	273.5	2.7	273.4
5.9	270.2				
		7.7	268.4	6.9	269.2
		10.3	265.8	9.3	266.8
		9.4	266.7	9.5	266.6
12.2	263.9				
13.6	262.5	12.5	263.6	13.0	263.1
1.8	261.9				
1.3	262.4				
10.0	241.5				
6.0	257.5	5.5	258.0	5.9	257.6

150

250.51

150-W

200-W = EAST LINE BEAN

- 0.01 237.45 13.05 237.46

+40 = CEM LINE BEAN

+80 = WEST "

50-W

100-W

150-W

0.25 224.78 12.92 224.53

+80 = 0 = WEST LINE BEAN

50-W

100-W

150-W

200-W = EAST LINE PARK

0.445 212.485 12.74 212.04

50 W

100 W

N.L

C.L

S.L

38

2.6 247.9 1.7 248.8 1.3 249.2

13.0 237.5 11.2 239.3 9.5 241.0

ON HUB AT N.E. COR BEAN & HORTON

9.0 228.4 6.0 231.4 3.5 233.9

14.0 223.4 8.9 228.5

11.3 226.7

13.3 224.1

14.8 222.6

7.2 217.6

5.9 218.9

8.2 216.6

10.2 214.6

6.3 218.5

3.5 209.0

6.5 206.0

10.9
5.9
10.8

28

212.485

150-W

200W = EAST LINE PARK.

LEVELS OVER

VASSAR ST.

(PARK - DESPARD)

0 = EAST LINE PARK AVE

12.745 221.37 3.86 208.625

50-E

13.10 234.28 0.19 221.18

100-E

150-E

12.62 246.78 0.12 234.16

150-E

200-E = WEST LINE BEAN

S.W. PLUG BEAN & VASSAR 9.02 237.76

+40 = CEN. LINE BEAN

+80 = EAST " "

N.L

C.L

S.L

39

10.4 202.1

16.8 195.7 5.7 206.8

13.6 198.9 13.7 198.8 13.3 199.2

10.2 211.2 9.8 211.6 10.2 211.2

8.8 225.5 9.8 224.5 10.2 224.1

0.5 233.8 1.4 232.9

12.0 234.8

5.2 241.6 6.9 239.9 9.0 237.8

2.5 244.3 5.9 240.9

2.5 244.3

38

10.70 257.28 0.20 246.58

12.87 257.13 13.02 244.26

+40 = CEN. LINE BEAN

+80 = 0 = EAST LINE BEAN

50 E.

100-E

150-E

12.34 268.94 0.53 256.60

50 E

100 E

150-E

200 E = WEST LINE 29TH

+40 = CEN " "

+ 13.02 281.81 0.15 268.79

200-E = WEST LINE 29TH

+40 = CEN " "

+80 = EAST " "

N.L

C.L

S.L

40

ON PLUG AT S.E. COR. BEAN & VASSAR

10.7 246.4

5.2 251.9 8.0 249.1

1.9 255.2 11.0 246.1

8.3 248.8

3.1 254.0

9.5 259.4

4.9 264.0 10.3 258.6

3.3 265.0 7.8 261.1

2.3 266.6 7.9 261.0

3.4 265.5

12.8 269.0

10.1 271.7 12.1 269.7

6.2 275.6 8.1 273.7 12.0 269.8

01

281.81

50 E.

12.53

293.58

0.76

281.05⁻⁵

100 E

150 E

200 E = WEST LINE DALE

+40 = CEN. " "

+80 = EAST " "

50-E

100 E

150-E

200-E WEST LINE 30TH

+40 = CEN. " "

+80 = EAST " "

50-E

105-E = WEST LINE DESPARD

135-E CEN. " "

165-E = EAST " "

CK. BM.

3.77

289.81

289.81⁰⁹ ck.

N.L

C.L.

S.L

41

1.0

280.8

2.7

279.1

4.7

277.1

9.7

283.9

10.9

282.7

11.6

282.0

7.4

286.2

8.5

285.1

8.8

284.8

5.2

288.4

6.3

287.3

6.8

286.8

4.5

289.1

5.4

288.2

6.1

287.5

3.9

289.7

4.9

288.7

5.0

288.6

3.7

289.9

4.5

289.1

4.7

288.9

4.0

289.6

4.5

289.1

4.6

289.0

4.3

289.3

4.8

288.8

5.1

288.5

4.1

289.5

4.6

289.0

4.6

289.0

4.0

289.6

4.3

289.3

4.9

288.7

4.6

289.0

4.4

289.2

4.5

289.1

6.6

287.0

6.1

287.5

5.9

287.7

8.7

284.9

8.8

284.8

8.9

284.7

9.6

284.0

9.4

284.2

9.8

283.8

10.2 283.4

9.6 284.0

10.6 283.0

S.E. COR VASSAR 8 30 TH SPIKE IN FENCE POST

Seaman Ave.

(Beag - Park)

Covert Wetmore Moore (12/6/05)

6.98 220.40

213.42

2+85.3 = W.L. PARK

2+45.3 = C.L. PARK

2+0 = E.L. PARK.

2+53 0.57 208.28 12.69 207.71

2+60

207.18

11.25

218.43

218.43

5.9

209.5

1+50

1+40

1+30

1+20

1+25

1+20

1+15

1+0

0+80

0+25

0+75

0+50 + 25 = + 1.9

0+35

0 - W.L. BEAN

S.L

C.L

N.L

42

HUB AT S.W. COR BEAN

2.4 218.0 2.4 218.0 2.5 217.9

4.0 216.4 4.1 216.3 4.5 215.9

7.3 213.1 7.9 212.5 8.9 211.5

3.5 204.8 7.0 201.3 12.4 195.9

3.5 204.8 7.0 201.3 12.4 195.9

10.7 197.6

8.5 199.8 16.6 191.7

14.5 193.8

12.4 195.9 19.8 188.5

11.2 197.1

7.4 200.9 11.2 197.1 14.7 193.6

3.0 205.3 6.7 201.6 13.8 194.5

+1.9 210.2 13.8 194.5

+1.2 209.5 3.3 205.0 18.6 189.7

4.4 203.9 20.7 187.6

0.6 207.7 12.6 195.7 9.8 198.5

1901

Watkins Ave.

Date - Storey

1/31/06
Galeh
Hoskins
Thomas
Moore

43

Bm. 5.80 286.00 280.20 SW. 30th and Watkins

286.0

E Line Date

50' E of Date

2	S	9.6	277.4
2	cb	9.3	276.7
2	1/4	8.9	277.1
2	c	8.6	277.4
2	1/2	8.5	277.5
2	cb	8.2	277.8
2	N	7.9	278.1

S	8.8	277.2
cb	8.7	277.3
1/2	8.5	277.5
c	8.3	277.7
1/2	7.3	278.7
cb	7.3	278.7
N	7.4	278.6

25' E of Date

75' E of Date

2	N	7.9	278.1
2	cb	8.2	277.8
2	1/2	8.4	277.6
2	c	8.7	277.3
2	1/4	8.8	277.2
2	cb	9.0	277.0
2	S	9.2	276.8

N	7.3	278.7
cb	7.7	278.8
1/2	8.0	278.0
c	8.1	277.9
1/2	7.9	278.1
cb	8.2	278.8
S	8.5	277.5

286.0

100' E of Dale.

S	7.7	278.3
cb	7.5	278.5
1/4	6.9	279.1
c	7.5	278.5
1/4	7.1	278.9
cb	7.1	278.9
N.	6.3	279.7

125' E of Dale.

N.	5.9	280.1
cb	6.7	279.3
1/4	6.7	279.3
c	6.9	279.1
1/4	7.3	278.7
cb	7.3	278.7
S	7.5	278.5

286.0

150' E of Dale.

S	7.1	278.9
cb	6.9	279.1
1/4	7.0	279.0
c	6.5	279.5
1/4	6.4	279.6
cb	6.0	280.0
N.	5.8	280.2

175' E of Dale.

N.	5.6	280.4
cb	5.8	280.2
1/4	6.0	280.0
c	6.2	279.8
1/4	6.0	280.0
cb	6.2	279.8
S	6.8	279.2

286.0

200' E of Dale = W line 30th

S	6.4	279.6
cb.	6.2	279.8
1/4	6.3	279.7
c	6.2	279.8
1/4	6.6	280.4
cb.	5.8	280.2
N	5.2	280.8

E Line 30th

N.	4.6	281.4
cb.	4.7	281.3
1/4	5.0	281.0
c	5.1	280.9
1/4	5.3	280.7
cb.	5.4	280.6
S	5.6	280.4

Hub

286.0

25' E of 30th

S	5.6	280.4
cb.	5.5	280.5
1/4	5.3	280.7
c	5.3	280.7
1/4	5.3	280.7
cb.	5.0	281.0
N	4.8	281.2

50' E of 30th

N.	5.9	280.1
cb.	6.1	279.9
1/4	6.1	279.9
c	6.0	280.0
1/4	5.9	280.1
cb.	5.9	280.1
S	6.0	280.0

286.0

75' E of 30th

S	7.0	279.0
db.	7.2	278.8
1/4	7.3	278.7
c	7.3	278.7
1/4	7.5	278.5
db.	7.5	278.5
N	7.3	278.7

100' E of 30th

N	8.8	277.2
db.	9.1	276.9
1/4	9.2	276.8
c	9.0	277.0
1/4	8.7	277.3
db.	8.6	277.4
S	8.6	277.4

Note - Despard St = 60' wide

46

286.0

118' E of 30th = W Line Despard

S	9.1	276.9
db.	9.4	276.6
1/4	9.4	276.6
c	9.6	276.4
1/4	9.6	276.4
db.	9.7	276.3
N	9.0	277.0

W db. Despard -

N	9.4	276.6
db.	9.9	276.1
1/4	10.0	276.0
c	10.1	275.9
1/4	10.0	276.0
db.	10.1	275.9
S	9.8	276.2

ob

286.0

N $\frac{1}{4}$ Despard.

S	10.6	275.4
ob	10.6	275.4
$\frac{1}{4}$	10.7	275.3
c	10.6	275.4
$\frac{1}{4}$	10.5	275.5
ob	10.5	275.5
N	10.3	275.7

Or. Despard.

N	10.4	275.6
ob	10.5	275.5
$\frac{1}{4}$	10.6	275.4
c	10.7	275.3
$\frac{1}{2}$	10.7	275.3
ob	10.7	275.3
S	10.8	275.2

47

286.0

E $\frac{1}{4}$ Despard.

S	10.8	275.2
ob	10.7	275.3
$\frac{1}{4}$	11.1	274.9
c	10.8	275.2
$\frac{1}{4}$	11.0	275.0
ob	10.5	275.5
N	10.5	275.5

E ob. Despard.

N	10.5	275.5
ob	10.9	275.1
$\frac{1}{4}$	11.1	274.9
c	11.2	274.8
$\frac{1}{4}$	11.2	274.8
ob	11.3	274.7
S	11.6	274.4

286.0

E Line Despard.

S	11.6	274.4
cb	11.7	274.3
1/4	11.6	274.4
0	11.2	274.8
1/4	11.2	274.8
cb	11.1	274.9
N	10.9	275.1

T.P. 0.22 275.22 1100 276.0

25' E of Despard

N	0.4	274.8
cb	0.7	274.5
1/4	0.8	274.4
c	0.9	274.3
1/4	1.1	274.1
cb	1.4	273.8
S	1.6	273.6

48

275.22

50' E of Despard.

S	2.0	273.2
cb	1.8	273.4
1/4	1.7	273.5
c	1.3	273.9
1/4	1.1	274.1
cb	0.8	274.4
N	0.5	274.7

75' E of Despard.

N	2.1	273.1
cb	2.2	273.0
1/4	2.4	272.8
c	2.6	272.6
1/4	2.9	272.3
cb	2.8	272.4
S	2.7	272.5

275.22
100' E of Despard

S	4.9	270.3
ch.	6.1	269.1
1/4	6.4	268.8
c	6.1	269.1
1/4	5.9	269.3
ch.	6.0	269.2
N	6.2	269.0

125' E of Despard.

N.	13.2	262.0
ch.	11.7	263.5
1/4	10.7	264.5
c	9.4	265.8
1/4	9.8	265.4
ch.	8.9	266.3
S	7.4	267.8
T.P.	0.41	268.46
	7.17	268.05

268.45
150' E of Despard.

S	3.4	265.1
ch.	5.1	263.4
1/4	7.2	261.3
c	10.4	258.1
1/4	9.3	259.2
ch.	13.0	255.5
N.	16.7	251.8

162' E of Despard.

N.	18.3	250.2
ch.	18.4	250.1
1/4	14.0	254.5
c	13.3	255.2
1/4	10.1	258.4
ch.	7.5	261.0
S	5.0	263.5
T.P.	4.17	266.73
	11.89	256.56

260.73
175' E of Despard.

S	0.0	260.7
cl.	2.3	258.4
1/4	6.1	254.6
c	8.7	252.0
1/4	10.9	249.8
cl.	12.6	248.1
N	7.8	252.9

200' E of Despard.

N	1.9	258.8
cl.	4.4	254.3
1/4	10.6	250.1
c	13.5	247.2
1/4	11.9	248.8
cl.	8.9	251.8
S	5.6	255.1

260.73
225' E of Despard.

S	12.4	248.3
cl.	13.7	247.0
1/4	19.9	245.8
c	10.7	250.0
1/4	4.9	255.8
cl.	+0.2	260.9
N	+3.5	264.2

245' E of Despard

N	+0.6	261.3
cl.	+3.5	264.2
1/4	0.4	260.3
c	5.7	255.0
1/4	10.9	249.8
cl.	15.5	245.2
S	16.9	243.8

50

260.73

250' E of Despard.

N.	+5.5	266.2
db.	+8.7	264.4
1/4	0 0	260.7
C	4.8	255.9
1/4	9.8	250.9
db.	12.9	247.8
S	16.4	244.3

275' E of Despard.

S	11.2	249.5
db.	12.5	248.2
1/4	12.8	247.9
C	9.7	251.0
1/4	6.4	254.3
T.P.	3.07	257.90
db.	+0.8	258.7
N	+1.0	258.9

51

257.90

290' E of Despard.

N	3.6	254.3
db.	5.5	252.4
1/4	8.0	249.9
C	7.6	250.3
1/4	5.2	252.7
db.	4.1	254.8
S	3.1	254.8

300' E of Despard.

N.	3.2	254.7
db.	7.1	250.8
1/4	5.3	252.6
C	3.2	254.7
1/4	1.7	256.2
db.	0.6	257.3
T.P.	9.72	267.43
S	9.5	257.9

267.43

325' E of Despard.

S.	4.2	263.2
cb.	2.9	264.5
1/4	2.6	264.8
c	3.2	264.2
1/4	5.1	262.3
cb.	7.6	259.8
N.	11.2	256.2

TIP 11.35 277.06 1.72 26571

350' E of Despard.

S	10.0	267.1
cb.	9.3	267.8
1/4	8.6	268.5
c	7.9	269.2
1/4	7.4	269.7
d.	8.6	268.5
N	12.4	264.7

277.06

375' E of Despard.

N.	4.9	272.2
cb.	4.3	272.8
1/4	4.6	272.5
c	5.0	272.1
1/4	5.4	271.7
cb.	5.8	271.3
S	6.3	270.5

400' E of Despard.

S	4.6	272.5
cb.	4.4	272.7
1/4	4.1	273.0
c	3.6	273.5
1/4	3.4	273.7
d.	3.3	273.8
N.	3.0	274.1

2770 C
T.R 7.51 281.85 272 274.34

425' E of Despard.

N	6.7	275.2
cb.	7.0	274.9
1/4	7.5	274.4
C	7.7	274.2
1/4	7.5	274.4
cb.	7.5	274.4
S	8.4	273.5

450' E of Despard.

S	7.9	274.0
cb.	7.5	274.5
1/4	7.3	274.6
Q	7.1	274.8
1/4	6.9	275.0
cb.	6.4	275.5
N	5.7	276.2

53

281.85

475' E of Despard.

N	5.7	276.2
cb.	5.8	276.1
1/4	6.1	275.8
C	6.3	275.6
1/4	6.5	275.4
cb.	6.8	275.1
S	7.0	274.9

500' E of Despard.

S	6.6	275.3
cb.	6.2	275.7
1/4	6.0	275.9
C	5.7	276.2
1/4	5.3	276.6
cb.	5.4	276.5
N	4.9	277.0

281.85

525' E of Despard

N	4.3	277.6
cb	4.8	277.1
1/4	5.2	276.7
c	5.2	276.7
1/4	5.4	276.5
cb	5.5	276.4
S	5.9	276.0
550' E of Despard.		
S	5.3	276.6
cb	4.9	277.0
1/4	4.9	277.0
c	4.9	277.0
1/4	4.6	277.3
cb	4.3	277.6
N	4.1	277.8

281.85

575' E of Despard

N	3.7	278.2
cb	3.9	278.0
1/4	4.4	277.5
c	4.4	277.5
1/4	4.6	277.3
cb	4.8	277.1
S	4.9	277.0

597' E of Despard = W. line of Storey

S	4.7	277.2
cb	4.4	277.5
1/4	4.2	277.7
c	3.9	278.0
1/4	3.7	278.2
cb	3.5	278.4
N	3.2	278.64

Hub.

281.85

W Cb. Storey.

N	3.3	278.6
cb.	3.4	278.5
1/4	3.6	278.3
c	3.6	278.3
1/2	4.1	277.8
cb.	4.3	277.6
S	4.6	277.3

W 1/4 Storey

S	4.2	277.7
cb	4.0	277.9
1/4	3.9	278.0
c	3.6	278.3
1/2	3.2	278.7
cb	3.2	278.7
N	2.9	279.0

281.85

Cr - Storey

N	2.6	279.3
cb.	3.0	278.9
1/4	3.2	278.7
c	3.5	278.4
1/2	3.7	278.2
cb	3.8	278.1
S	4.0	277.9

E 1/4 Storey

S	3.9	278.0
cb	3.6	278.3
1/4	3.4	278.5
c	3.1	278.8
1/2	3.0	278.9
cb	2.7	279.2
N	2.2	279.7

55

281.85

E of Storey

N	2.3	279.6
cb	2.7	279.2
1/4	2.9	279.0
c	3.0	278.9
1/4	3.4	278.5
cb	3.5	278.4
S	3.8	278.1

E Line Storey

S	3.5	278.4
cb	3.3	278.6
1/4	3.0	278.9
c	3.0	278.9
1/4	2.8	279.1
cb	2.5	279.4
N	2.26	279.59

Hub.

2/1/06. { Hatch
Brooks
Moore-

56

8.53 287.17

2786.4 { (W. side)
Storey }

25' E of Storey.

N	7.3	279.9
cb	7.6	279.6
1/4	7.6	279.6
c	7.9	279.3
1/4	7.9	279.3
cb	7.7	279.5
S	7.8	279.4

50' E of Storey

S	8.0	279.2
cb	7.6	279.6
1/4	7.5	279.7
c	7.2	280.0
1/4	7.1	280.1
cb	6.7	280.5
N	6.7	280.5

287.17
75' E of Storey

N	6.3	280.9
cb	6.5	280.7
1/4	6.8	280.4
c	6.8	280.4
1/4	7.0	280.2
cb	7.1	279.8
S	7.5	279.7

100' E of Storey

S	7.2	280.0
cb	6.6	280.6
1/4	6.4	280.8
c	6.4	280.8
1/4	6.3	280.9
cb	6.1	281.1
N	6.0	281.2

57

287.17
125' E of Storey

N	5.6	281.6
cb	5.8	281.4
1/4	6.0	281.2
c	6.3	280.9
1/4	6.4	280.8
cb	6.4	280.6
S	6.8	280.4

150' E of Storey

S	6.5	280.7
cb	6.4	280.8
1/4	6.1	281.1
c	5.9	281.3
1/4	5.6	281.6
cb	5.4	281.8
N	5.4	281.8

28717

175' E of Storey

N	5.0	282.2
cb.	5.3	281.9
1/4	5.6	281.6
C	5.7	281.5
1/4	5.9	281.3
cb.	6.0	281.2
S	6.3	280.9
200' E of Storey		
S	5.9	281.3
cb.	5.9	281.3
1/4	5.7	281.5
C	6.2	282.0
1/4	4.9	282.3
cb.	5.0	282.2
N	5.0	282.2

28717

225' E of Storey

N	4.6	282.6
cb.	4.8	282.4
1/4	4.9	282.3
C	5.1	282.1
1/4	5.3	281.9
cb.	5.6	281.6
S	5.7	281.5
250' E of Storey		
S	5.6	281.6
cb.	5.3	281.9
1/4	5.0	282.2
C	4.9	282.3
1/4	4.6	282.6
cb.	4.7	282.5
N	4.6	282.6

88

287.17

275'

N	4.3	282.9
db.	4.6	282.6
1/4	4.5	282.7
c	4.7	282.5
1/4	5.0	282.2
db.	5.1	282.1
S	5.1	282.1
300'		
S	4.7	282.5
db.	4.9	282.3
1/4	4.8	282.4
c	4.8	282.4
1/4	4.7	282.5
db.	4.5	282.7
N	4.4	282.8

59

287.17

325

N	4.7	282.5
db.	4.5	282.7
1/4	4.7	282.5
c	4.8	282.4
1/4	4.7	282.5
db.	4.9	282.3
S	4.9	282.3
350		
S	5.0	282.2
db.	4.9	282.3
1/4	4.8	282.4
c	4.6	282.6
1/4	4.6	282.6
db.	4.6	282.6
N	4.7	282.5

287.17
375

N	4.6
cb.	4.6
1/4	4.8
c	4.9
1/4	5.0
cb.	4.9
5	5.0

400

5	5.3
cb.	5.1
1/4	5.2
c	5.1
1/4	5.1
cb.	5.1
N	4.9

282.6
282.6
282.4
282.3
282.2
282.3
282.2

N
cb.
1/4
c
1/4
cb.
5

425

281.9
282.1
282.0
282.1
282.1
282.1
282.3

5
cb.
1/4
c
1/4
cb.
N

450

5.2
5.2
5.2
5.1
5.3
5.4
5.6

60

282.0
282.0
282.0
282.1
281.9
281.8
281.6

5.8
5.3
4.6
5.2
5.4
4.8
4.3

281.4
281.9
282.6
282.0
281.8
282.4
282.9

287.17

475

N	5.3
cb.	5.6
1/4	5.8
c	5.9
1/4	5.6
cb.	5.8
S	5.5

500

S	5.6
cb.	6.0
1/4	5.7
c	5.1
1/4	4.6
cb.	4.9
N	5.2

281.9

281.6

281.4

281.3

281.6

281.4

281.7

281.6

281.2

281.5

282.1

282.6

282.3

282.0

525

N

cb.

1/4

c

1/2

cb.

S

S

cb.

1/4

c

1/4

cb.

N

287.17

54

5.3

5.3

5.6

5.7

5.5

5.6

5.4

5.3

5.3

5.4

5.4

5.4

5.2

281.8

281.9

281.9

281.6

281.5

281.7

281.6

281.8

281.9

281.9

281.8

281.8

281.8

282.0

POSTED

62

287.17

575-

N	5.0	282.2
cb.	5.0	282.2
1/4	5.2	282.0
c	5.2	282.0
1/4	5.2	282.0
cb.	5.2	282.0
S	5.1	282.1
600' E of Storey - W. Line 32 nd		
S	4.96	282.21 Hub
cb.	5.0	282.2
1/4	5.1	282.1
c	5.1	282.1
1/4	5.0	282.2
cb.	5.0	282.2
N	5.17	282.0 Hub

11/30/26
Moore

Cross Section of
W. 1st & 2nd Road - 60' wide
HT Rodonda St - 66' wide

NEBP 12.68 18v.86 170.18

TP	12.58	195.44	0.0	18286
----	-------	--------	-----	-------

TF	12.69	208.07	0.0	195.56
----	-------	--------	-----	--------

TP	1299	✓✓1.06	0.0	20807
----	------	--------	-----	-------

TP	12.88	433.94	00	22106
----	-------	--------	----	-------

TP 12 J r v 3.13 12.05 ~ 21.89

TP 0.20 $\sqrt{10.17}$ 13.6 ≈ 09.97

75' E of Redondo = 0400

5		7.8	Nov. 4
---	--	-----	--------

cb top com. 7.9" Nov. 3

get " " 8.98 101.19

1/5			f. n	rot. r
-----	--	--	------	--------

c	7.5	vor.7
---	-----	-------

1/f	7.2	1403.0
-----	-----	--------

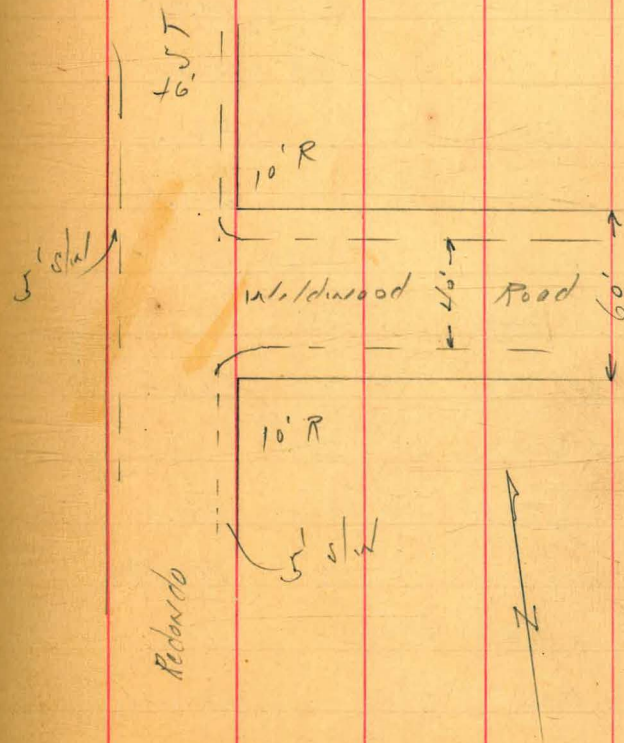
9 ¹	"	"	7.45	nov. 7. 1
----------------	---	---	------	-----------

сб	"	"	6.45	ноз.г.ч
----	---	---	------	---------

21017

6.1

63



21017

63

otws

✓		8.5	201.7
cb	top com	8.90	201.3
gut	" "	9.92	200.25
1/4		9.8	200.4
C		10.1	200.1
1/4		10.9	199.3
gut	" "	11.82	198.35
cb	" "	10.86	199.33
S		10.8	199.4
	otws		
S		14.2	196.0
cb	top com	13.18	196.99
gut	" "	14.2	196.0
1/4		13.2	197.0
C		12.5	197.7
1/4		12.0	198.4

21017

W/dharood

64

gut	top com	12.1	198.1
cb	" "	11.10	199.1
✓		10.7	199.5
TP	182	199.19	12.80 197.37
	otws = EL Redondo		
✓		1.9	197.3
cb		2.3	196.9
1/4		2.8	196.4
C		3.5	195.7
1/4		4.2	195.0
cb		4.6	194.6
S		5.4	193.8
	E cb		
S		5.2	193.9
cb		5.0	194.2
1/4		4.1	194.8
C		3.8	195.4

19919

1/4	3.3	195.9
cb	2.6	196.6
N	2.6	196.6
E 1/4		
N	3.3	195.9
cb	3.5	195.7
1/4	3.4	195.8
c	4.6	194.6
1/4	5.2	194.0
cb	5.6	193.6
S	6.2	193.0
1/4 + 6		
S	8.5	190.7
cb	8.1	191.1
1/4	7.7	191.5
e	7.2	191.0
1/4	6.7	191.5

19919

wildwood

65

cb	6.6	191.6
N	6.6	191.6
+		
N	6.7	191.5
cb	6.8	191.4
1/4	6.9	191.3
c	7.2	191.9
1/4	7.8	191.4
cb	8.1	191.0
S	8.6	190.6
N 1/4		
S	9.2	190.0
cb	8.8	190.4
1/4	8.5	190.7
c	8.1	191.1
1/4	7.5	191.4
cb	7.7	191.5

19919

66

n/

7.4 191.8

w/gutter

n/

8.7 190.5

cb

8.7 190.5

1/4

9.0 190.4

c

9.3 189.9

1/4

9.4 189.8

cb

9.9 189.3

S

10.3 188.9

n/cb

S top cb

9.58 189.61

1/2 " "

8.69 190.50

n/ " "

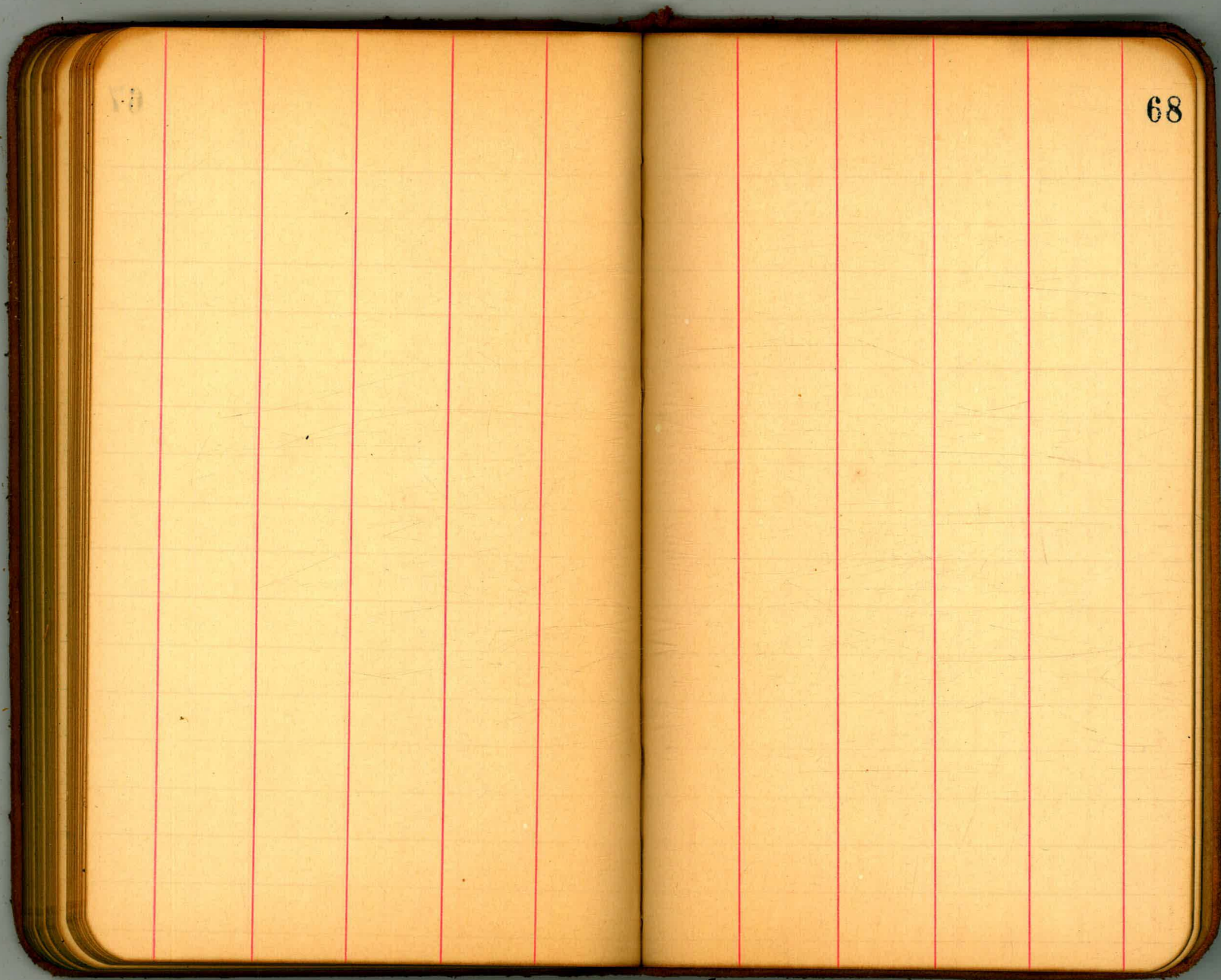
8.13 191.06

w/1dwood

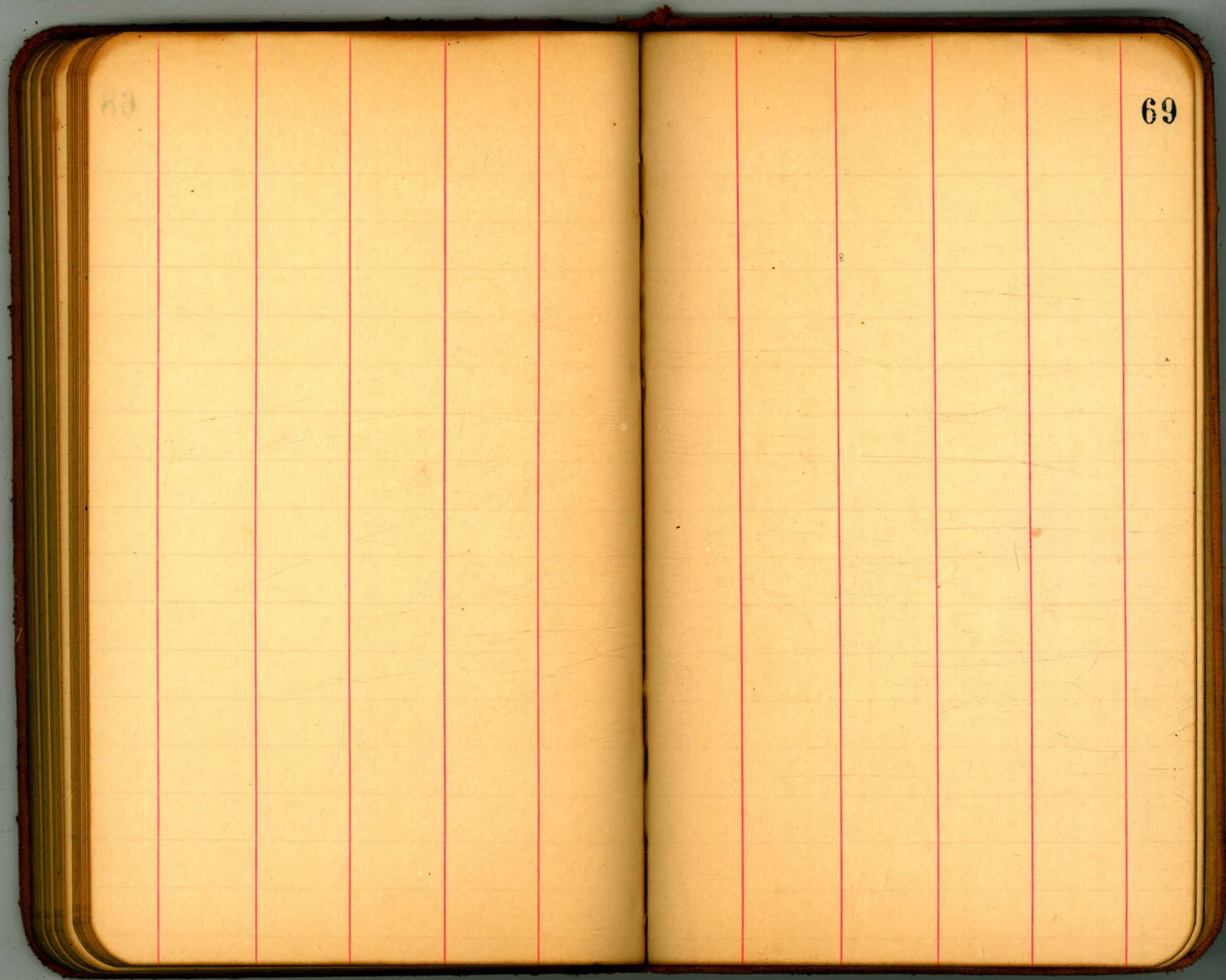
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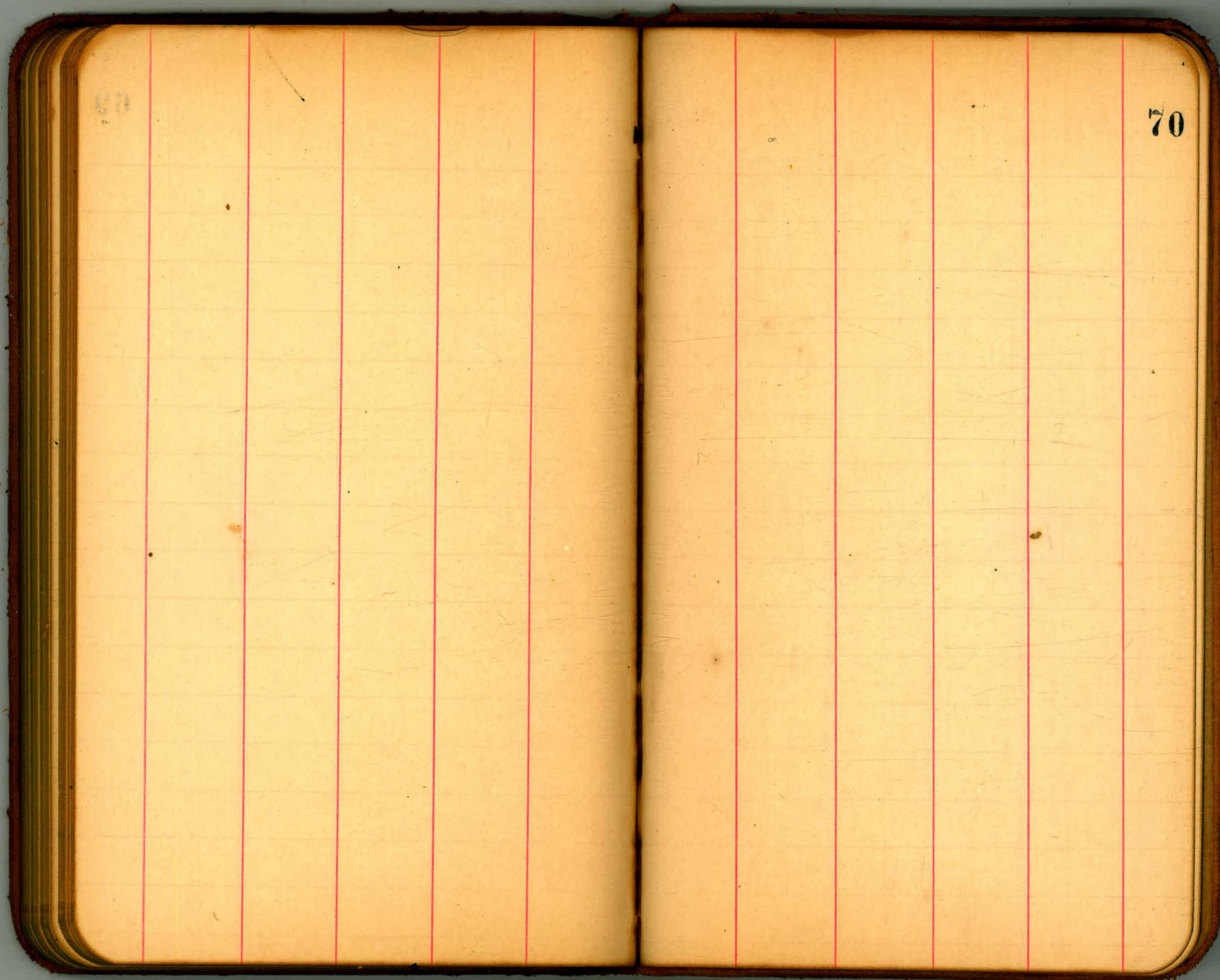
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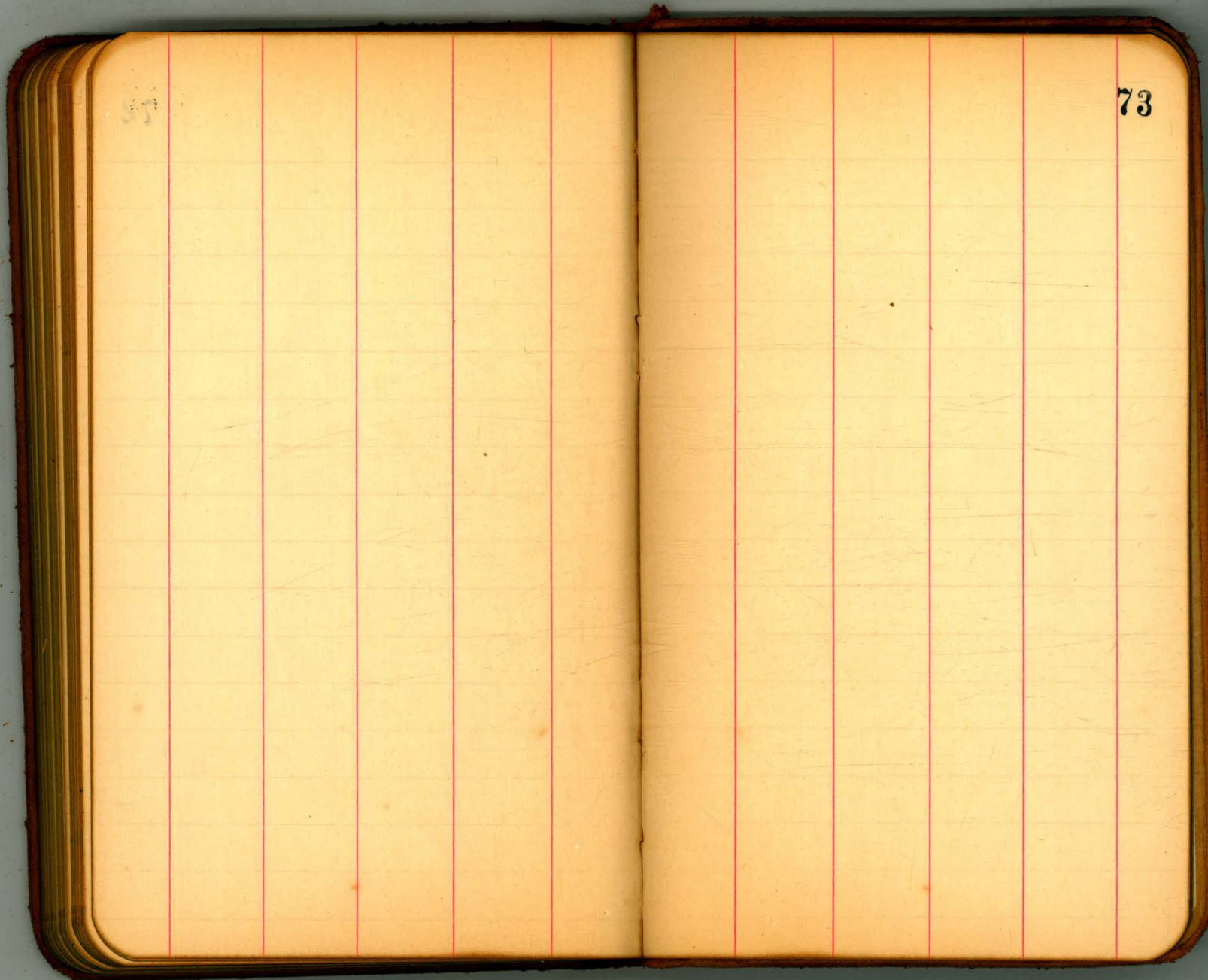


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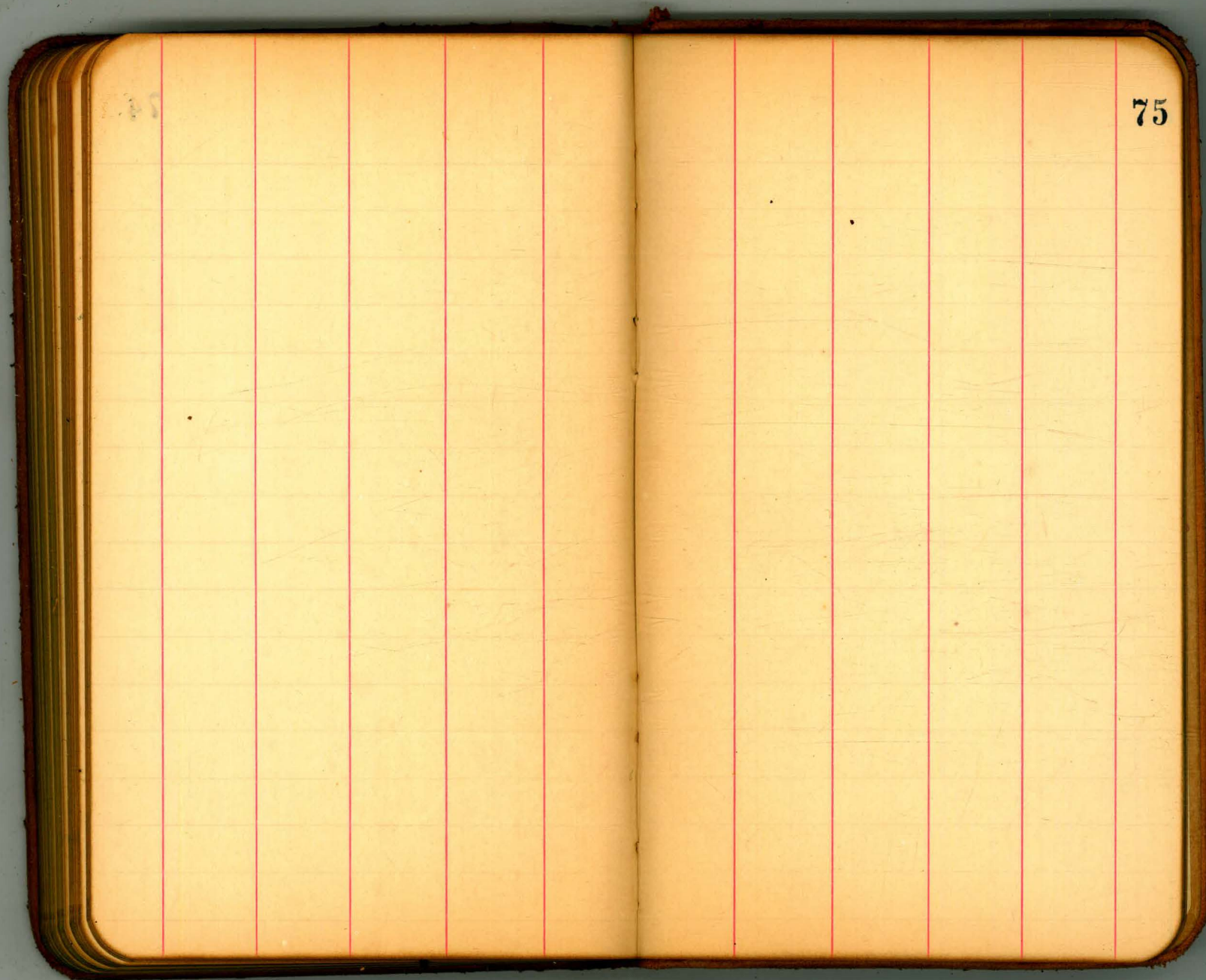
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72



73

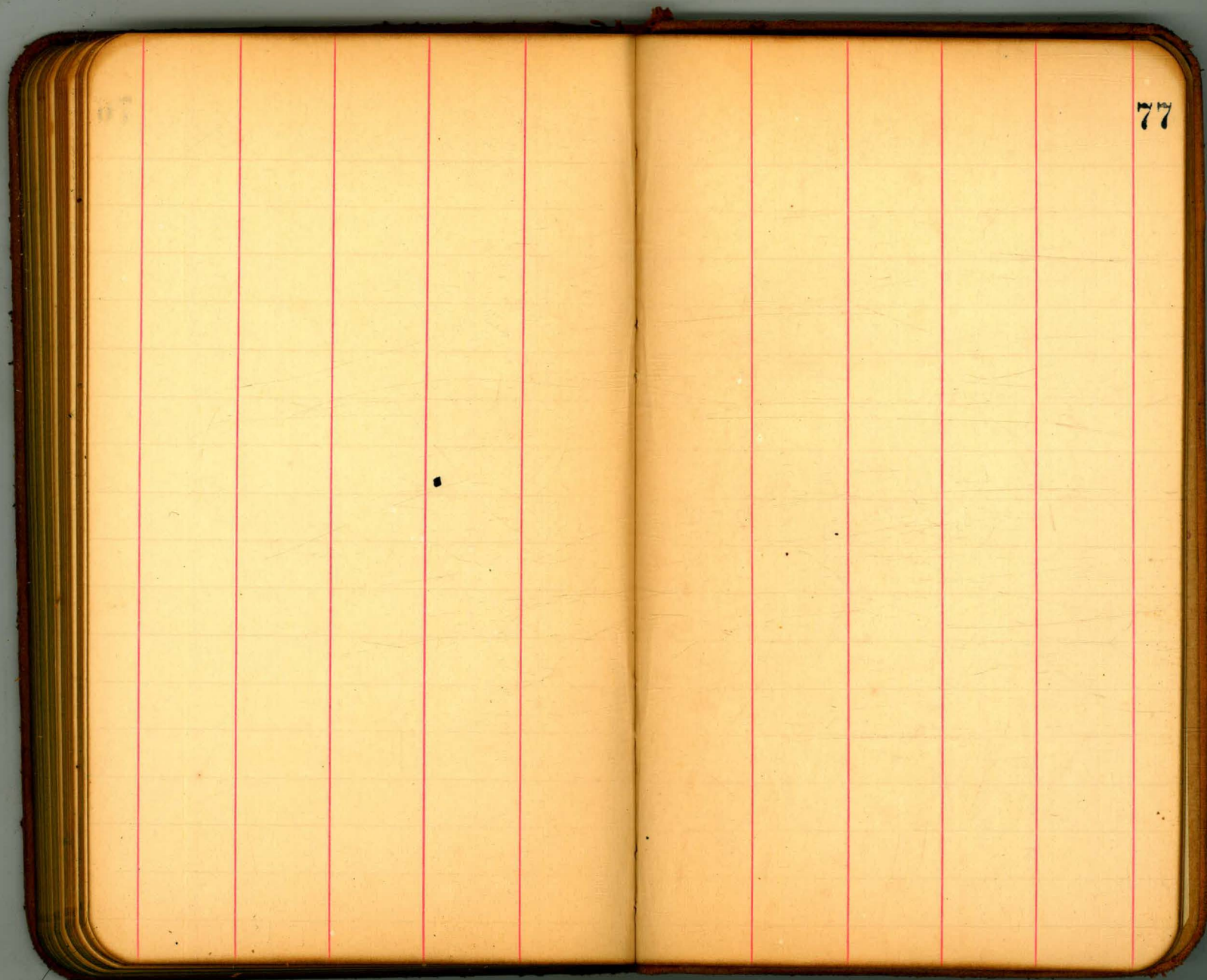
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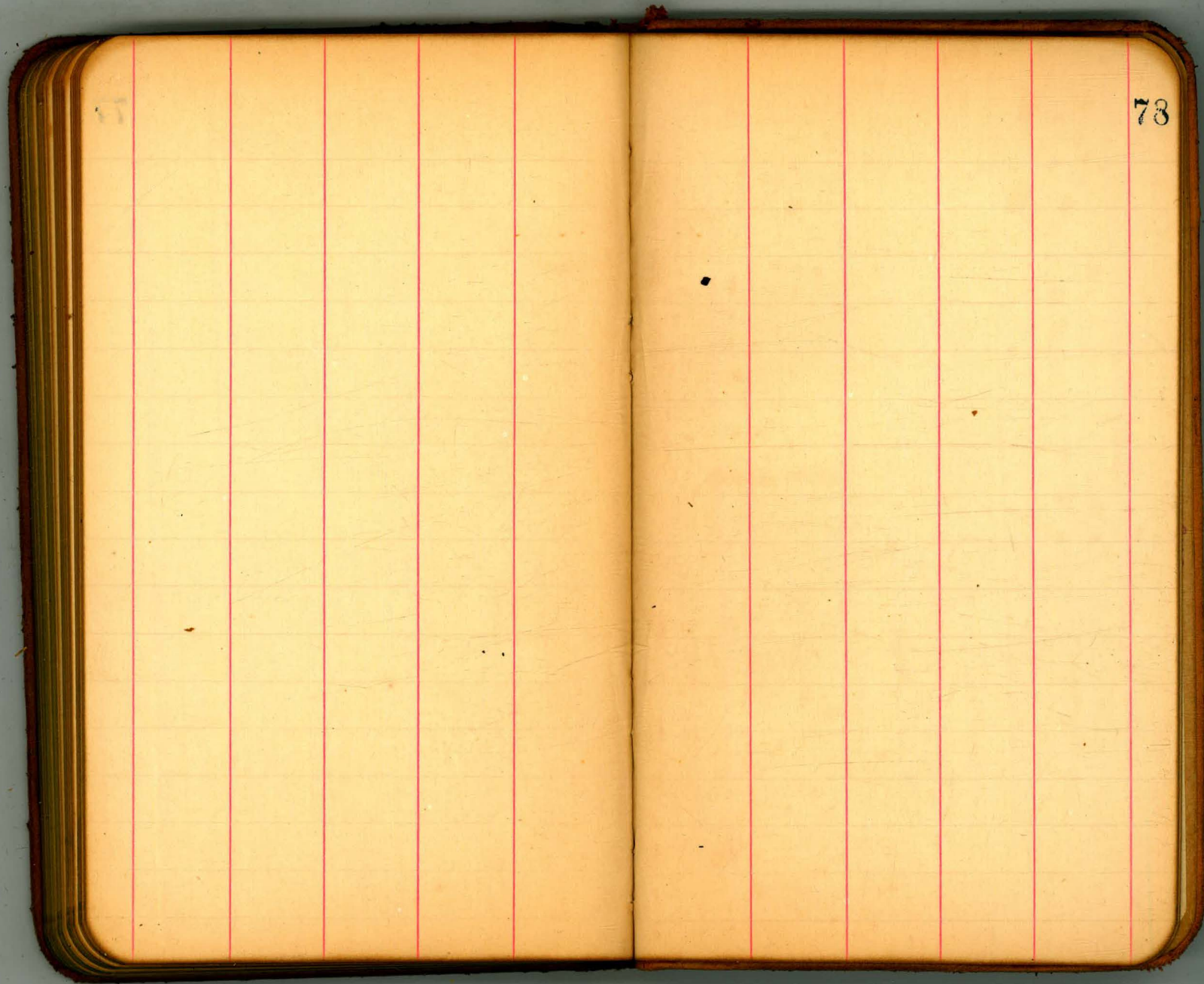
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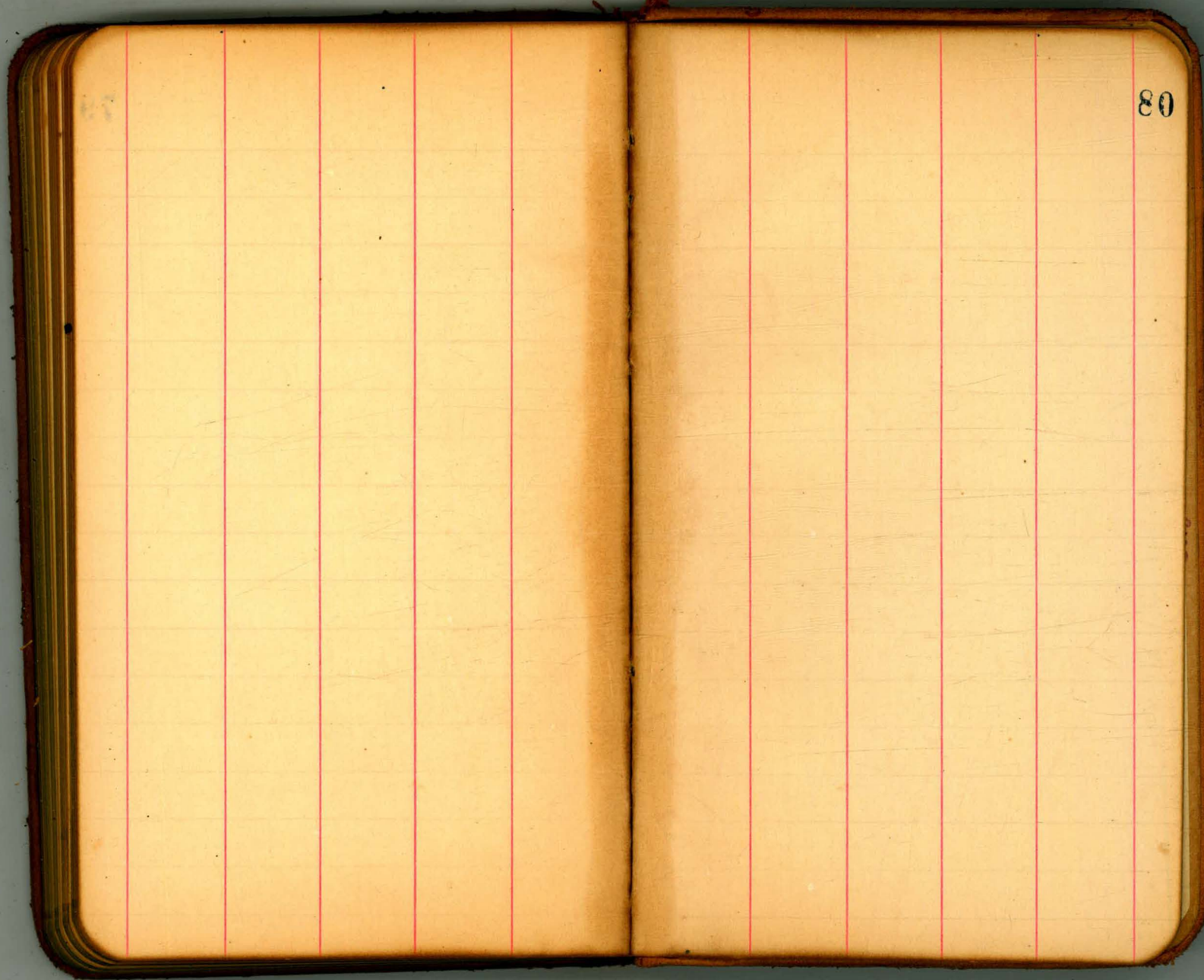


77



78

79



80

2101.7
 12.80
 197.37
 1.84
 199.19
 12.68
 186.51
 0.05
 186.56
 18.85
 173.71
 0.19
 173.90
 9.99
 163.91

OK.

REE.	Degrees.
ep.	Degrees.
.31	89
.05	88
.80	87
.54	86
.28	85
.02	84
.75	83
.49	82
.21	81
.93	80
.65	79
.36	78
.07	77
.77	76
.46	75
.14	74
.82	73
.49	72
.14	71
.79	70
.43	69
.06	68
.67	67
.27	66
.87	65
.44	64
.01	63
.56	62
.10	61
.62	60
.13	59
.62	58
.10	57
.56	56
.00	55
.42	54
.83	53
.22	52
.59	51
.94	50
.28	49
.59	48
.88	47
.15	46
.40	45
Lat.	Degrees.
REE.	Degrees.
Materials,	

City Hall, San Diego, Cal.
 City Hall, San Diego, Cal.

25.43
217.5
7.9
240.21
7.30
230.91
157.4
(Geo. Mayhew)

7.5
35
57
223

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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	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.73	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	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	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
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	87.25	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	59
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.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	

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