LEVEL BOOK.

370 N.

F.B. 113

113
Return to City Engineers Office
City Hall, San Diego, Cal.

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

Minutes.	Links.	Minutes.	Links.	Minutes.	Links.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

PUBLISHED BY
H. S. CROCKER COMPANY,
Drawing Paper and Material, Mathematical Instruments, etc.
STATIONERS AND PRINTERS,
215-217-219 BUSH STREET, SAN FRANCISCO, CAL.

MICROFILMED
DEC 17 1964

TABLE FOR RUNNING ON SLOPES.

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

Angle.	Cor. in Links.	Angle.	Cor. in Links.	Angle.	Cor. in Links.	Angle.	Cor. in Links.
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	[illegible]	22	7.85	29	14.34
9	1.24	16	4.	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

113
Return to City Engineers Office
City Hall, San Diego, Cal.

FB 113- PAGE

UNIVERSITY AVE - 1
8th to 10th
(ESTUDILLO)

UNIVERSITY BLVD. ---- 2, 3
BLAINE TO LINCOLN

PARK BLVD, LINCOLN --- 4-5
TO EL CAJON.

MARYLAND ST, ---- 6-7
UNIV. AVE TO HENDRICKS

CAROLINA ST, JACKSON — 9
TO ADAMS

TECATE BRIDGE, --- 10-11
S. 20th ST.

14th ST., L ST TO N ST - -12-30
X-SECT.

D ST BETWEEN —— 32-38
3RD & 4th

COLUMBIA, H TO KALMIA - 40-160
X-SECT.

Minutes.

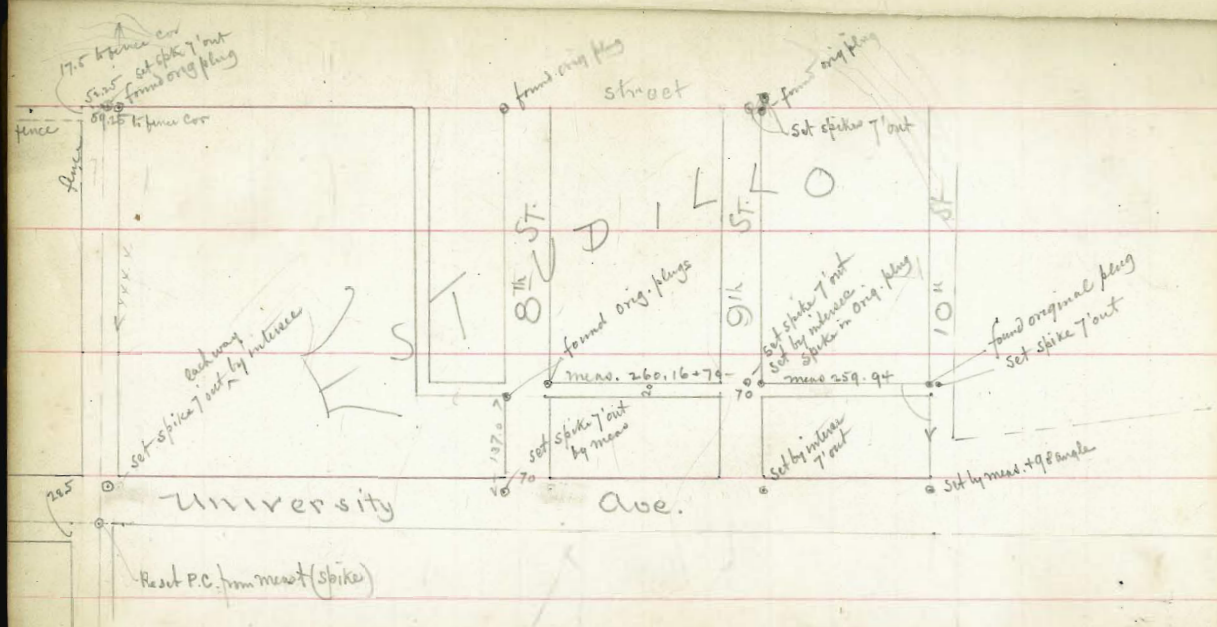
1 ....
2 ....
3 ....
4 ....
5 ....
6 ....
7 ....
8 ....
9 ....
10 ....
11 ....
12 ....
13 ....
14 ....
15 ....
16 ....
17 ....
18 ....
19 ....
20 ....

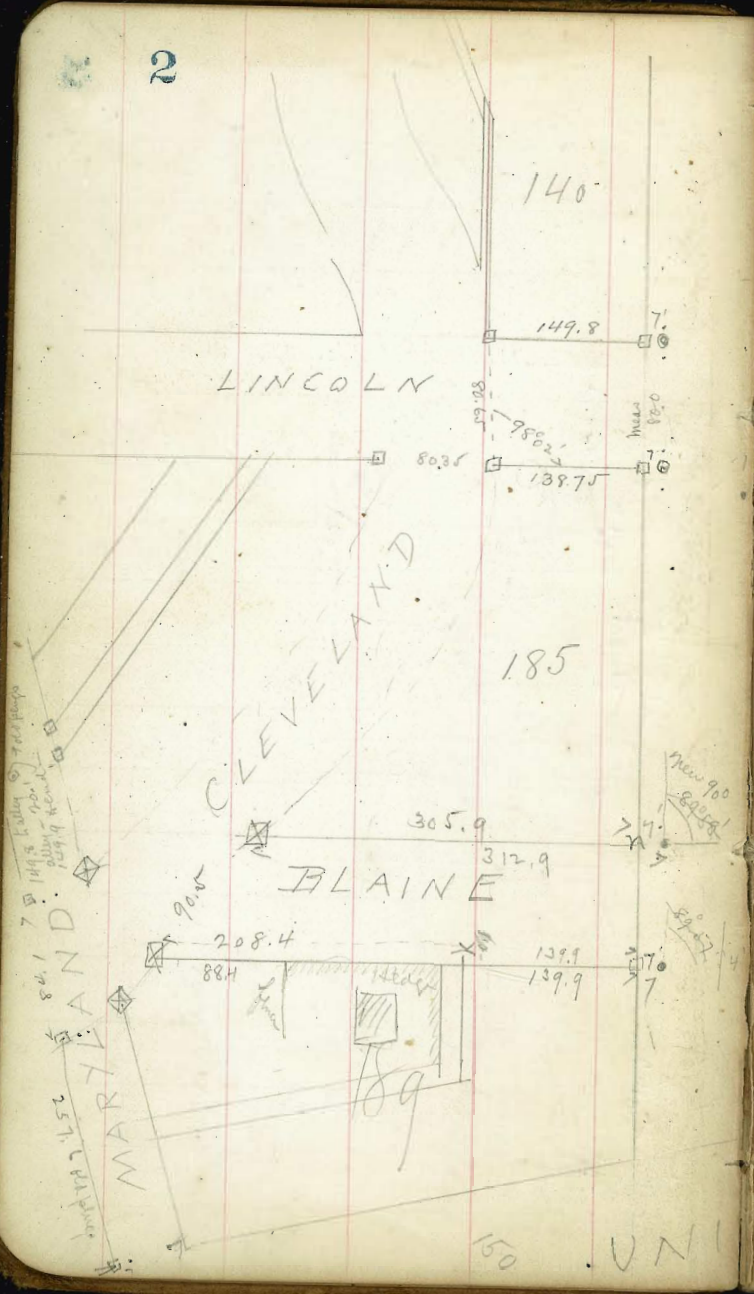
Draw

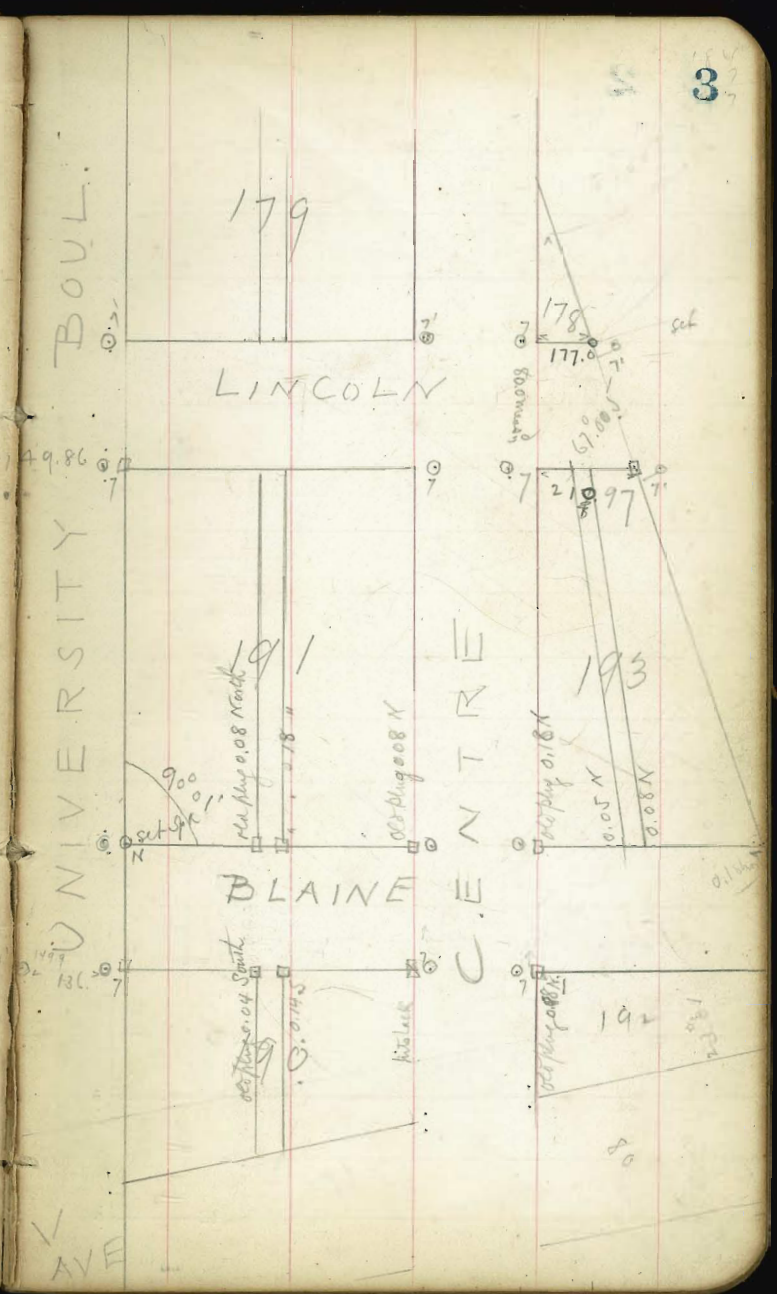
215-2

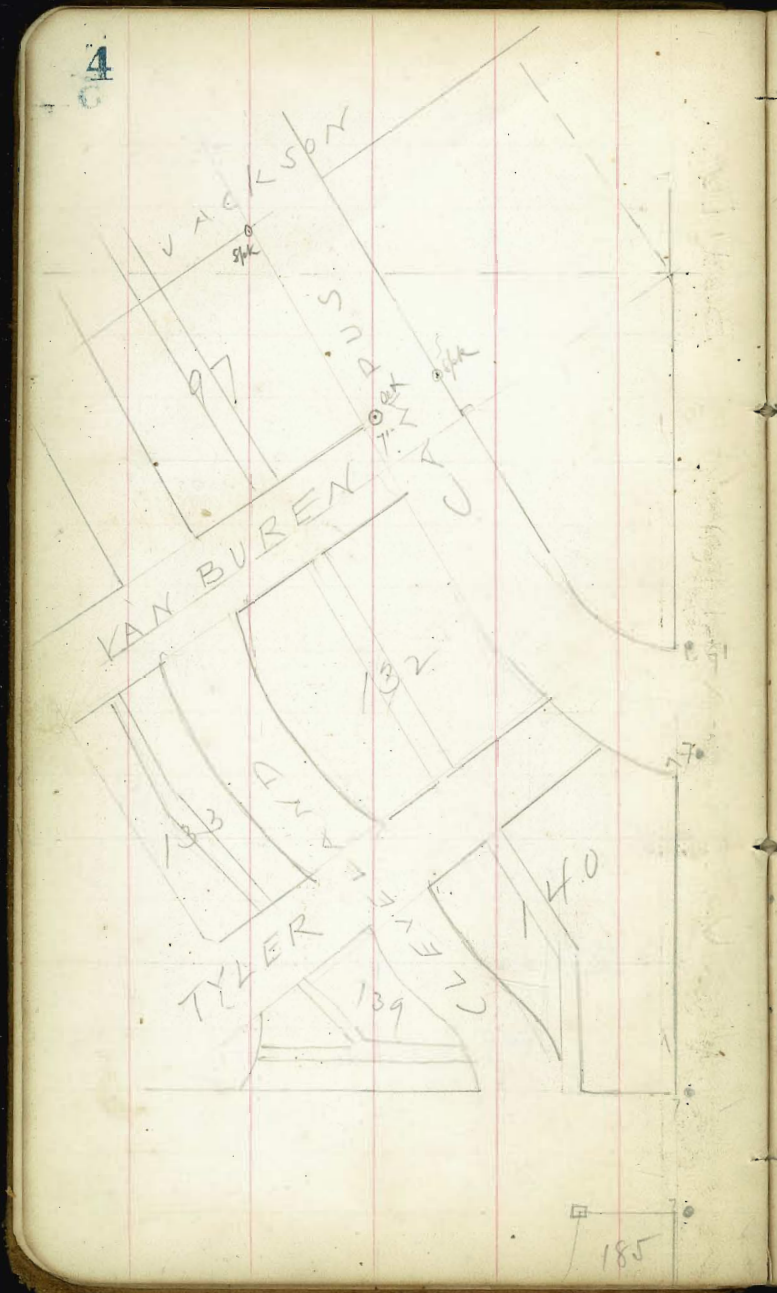
In
ber o
meas

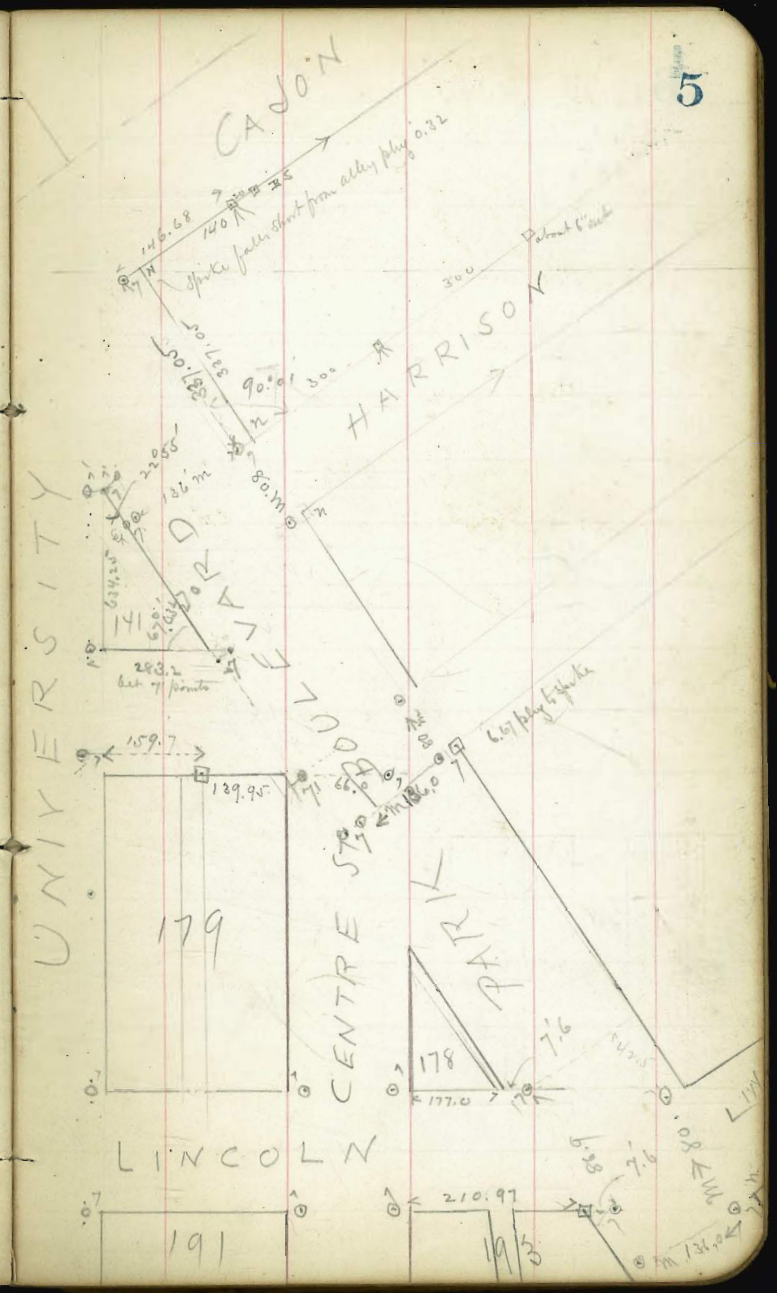
Ang

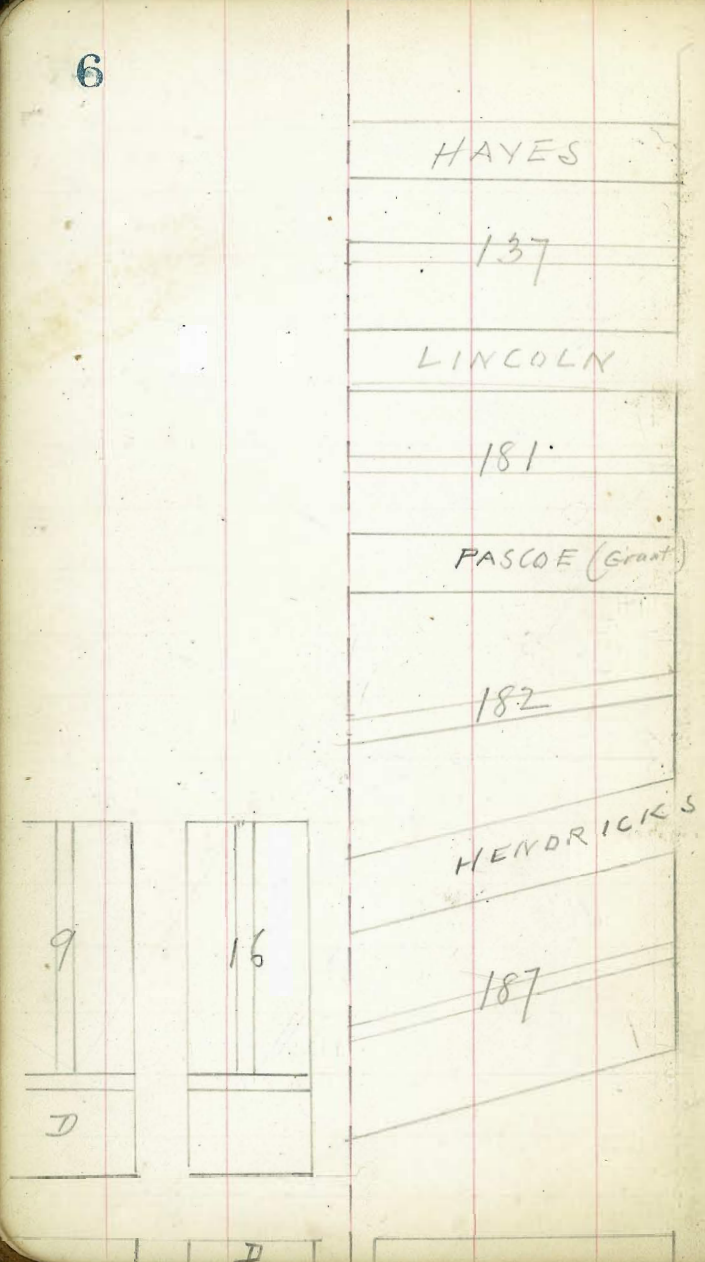


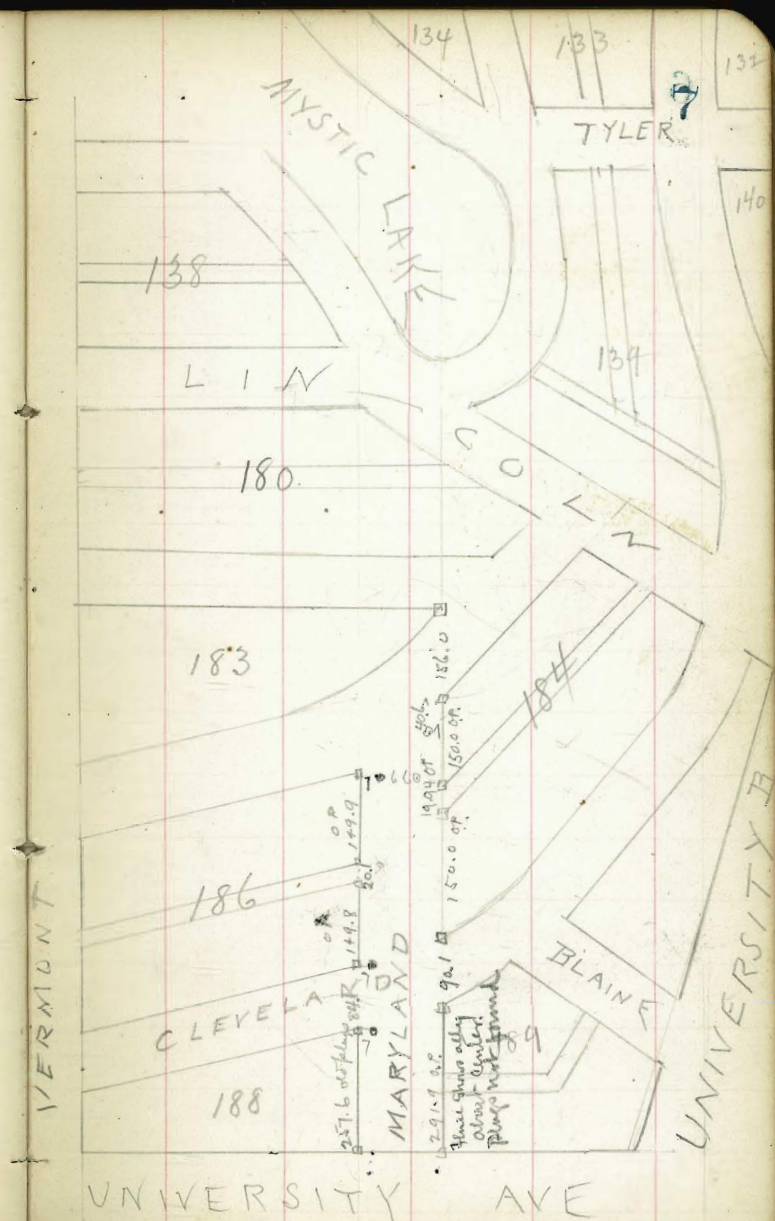

140
149.8
LINCOLN
80.35
138.75
CLEVELAND
185
305.9
312.9
BLAINE
208.4
88.4
139.9
139.9
189
MARYLAND
150
UNIV
AVE

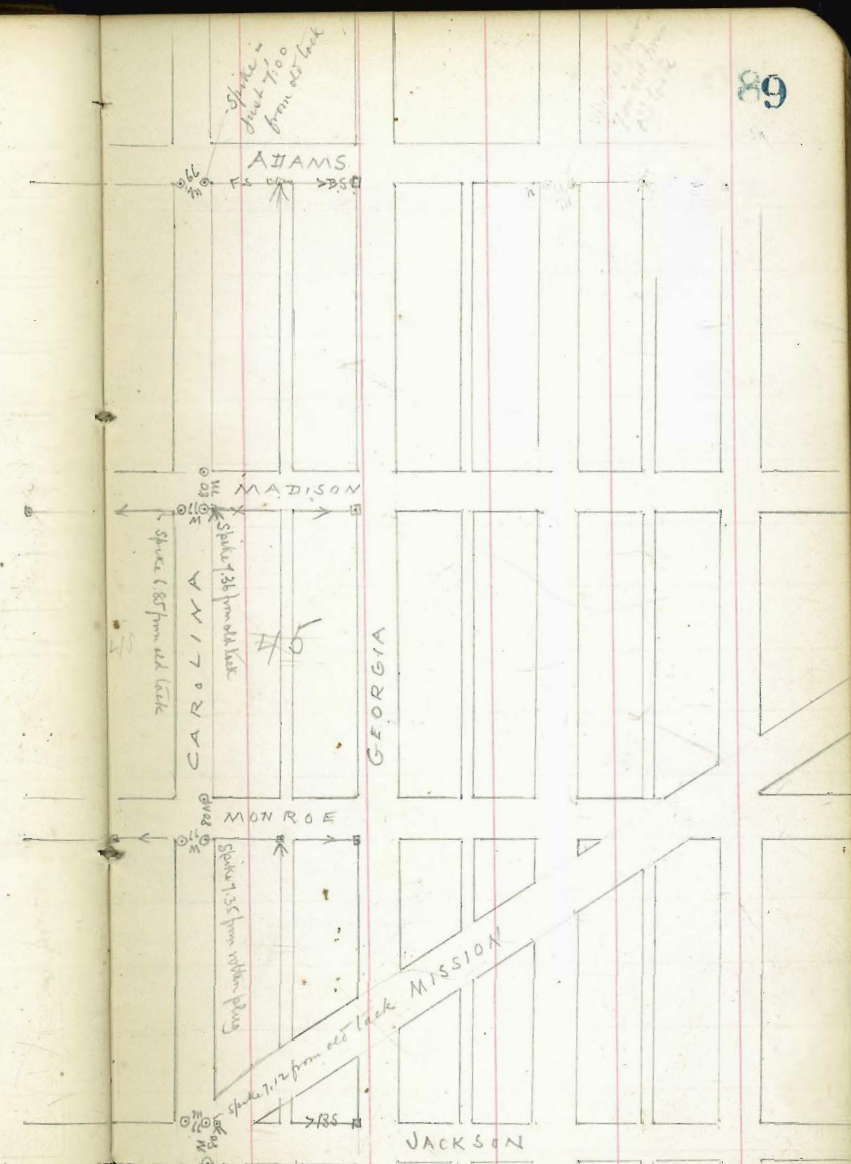

179
LINCOLN
149.86
UNIVERSITY BOUL
191
BLAINE
CENTRE
190
178
177.0
193
192
80


JACKSON
VAN BUREN
TYLER
CLEVELAND
97
132
133
139
140
185


CAJON
HARRISON
UNIVERSITY
CENTRE ST BOULEVARD
PARK
LINCOLN
146.68
140
spike falls short from alley ply 0.32
90°01'
300
141
283.2
bet 7 points
159.7
139.95
179
178
177.0
191
210.97
193
6.67 ply to spike


HAYES
137
LINCOLN
181
PASCOE (Grant)
182
HENDRICKS
187
9
16
D
D

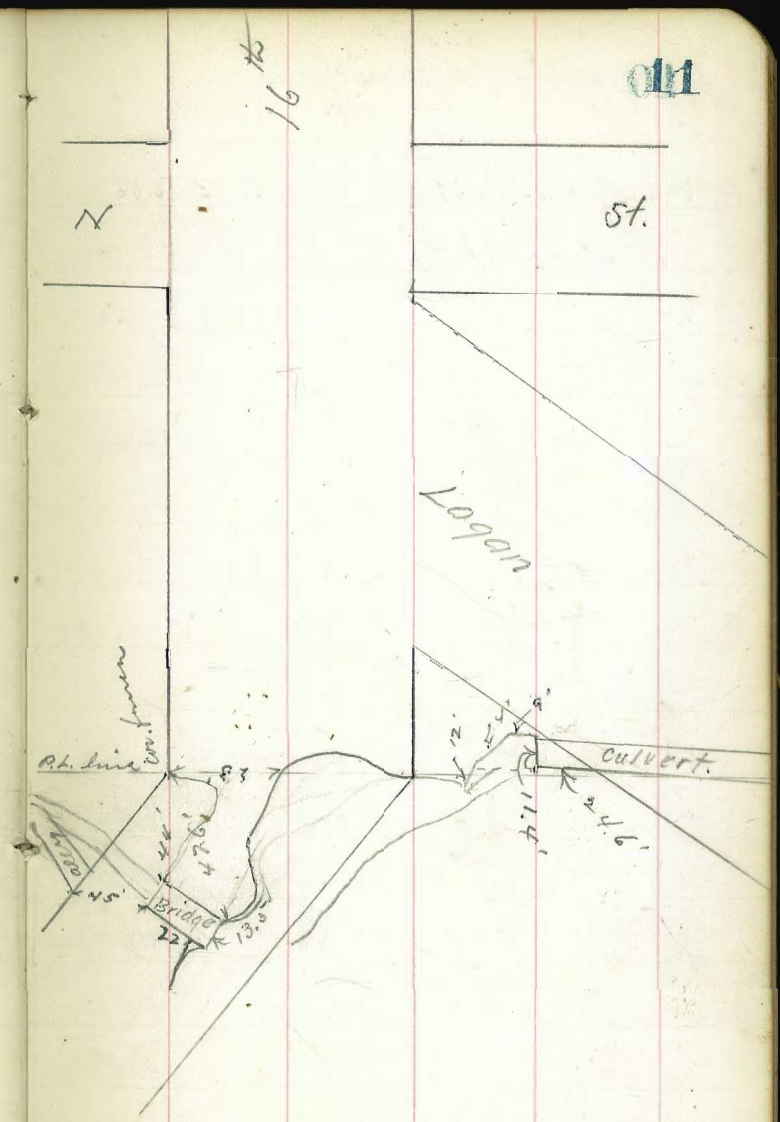

134
133
132
TYLER
140
MYSTIC LAKE
138
139
LIN
COLN
180
183
184
186
CLEVELAND
MARYLAND
BLAINE
189
188
VERMONT
UNIVERSITY B
UNIVERSITY AVE


Spike - just 7.00 from old tack
ADAMS
FS
BS
MADISON
Spike 1.85 from old tack
Spike 7.36 from old tack
CAROLINA
45
GEORGIA
MONROE
Spike 7.35 from rotten plug
MISSION
Spike 7.12 from old tack
BS
JACKSON

April 17/1901.

Measurements to locate bridge on S. 20th St

Crowell
Williams



x Sections - 14th St. from No side of L to North side of N.

June 27/1901 - | d'Hemecourt
Kenniston
Chappel |

B.M. 14th & M.	1.87	10.75	8.88
Curb line North side of L			
West line	4.42		6.33
Curb	4.83		5.92
1/4	5.84		4.91
Center	3.60		7.15
1/4	2.66		8.09
Curb	3.55		7.20
East line	3.00		7.75
Center of L. Street.			
East line	2.00		8.75
Curb	2.21		8.54
1/4	2.63		8.12
Center	3.46		7.29
1/4	6.05		4.70
Curb	5.20		5.55
West line	4.02		6.73

5' South of Center of L, 10.75

West line	0.40	10.35
Curb	0.40	10.35
1/4 14	0.40	10.35
Center		4.70
1/4		4.70
Curb		4.7
East line		10.35

10 ft. So. of Center of L,

East line	10.35
Curb	4.7
1/4	4.7
Center	4.7
1/4	10.35
Curb	10.35
W. line	10.35

20 ft. So. of Center of L. 10.75

West line	4.42	6.33
Curb	5.42	5.33
1/4	5.95	4.80
Center	4.27	6.48
1/4	4.03	6.72
Curb	3.87	6.88
East line	3.27	7.48

Curb line So. Side of L.

East line	4.21	6.54
Curb	4.53	6.22
1/4	4.74	6.01
Center	5.05	5.70
1/4	5.90	4.85
Curb	5.19	5.56
W. line	4.93	5.82

14th St. from L to N.

So. line of L.		10.75	
West line	4.05		6.70
Curb	5.83		4.92
1/4	5.80		4.95
Center	5.34		5.41
1/4	4.67		6.08
Curb	4.30		6.45
East line	4.65		6.10
25 ft. So. of L.			
East line	4.15		6.60
Curb	4.47		6.28
1/4	4.93		5.82
Center	6.05		4.70
1/4	7.20		3.55
Curb	2.70		8.05
West line	1.43		9.32
50 ft. So. of L.			
West line	2.48		8.27

14th St. from L to N.

		10.75	
Curb	3.78		6.97
1/4	6.38		4.37
Center	6.87		3.98
1/4	5.57		5.20
Curb	4.51		6.24
E. line	3.90		6.85
75 ft. So. of L.			
E. line	3.55		7.20
Curb	4.52		6.23
1/4	6.04		4.71
Center	7.40		3.35
1/4	6.10		4.65
Curb	4.32		6.43
W. line	2.65		8.10
100 ft. So. of L.			
W. line	2.80		7.95
Curb	4.53		6.22

14th St. from L to M

		10.75	
1/4	6.17		4.58
Center	7.00		3.75
1/4	6.54		4.21
Curb	4.73		6.02
East line	4.28		6.47
125 ft. So. of L.			
East line	4.78		5.97
Curb	5.00		5.75
1/4	7.00		3.75
Center	7.65		3.10
1/4	6.05		4.70
Curb	5.05		5.70
West line	4.50		6.25
150 ft. So. of L.			
West line	3.60		7.15
Curb	5.25		5.50
1/4	6.27		4.48

14th St. from L to N.

		10.75	
Center	6.80		3.95
1/4	6.48		4.27
Curb	5.62		5.13
East line	5.00		5.75
175 ft. So. of L.			
East line	5.17		5.58
Curb	5.85		4.90
1/4	7.50		3.25
Center	7.40		3.35
1/4	6.63		4.12
Curb	5.22		5.53
W. line	3.32		7.43
200 ft. So. of L.			
W. line	4.51		6.24
Curb	6.35		4.40
1/4	5.80		4.95
C.	7.20		3.55

		10.75	
1/4	7.20		3.55
Curb	5.66		5.09
E. line	4.90		5.85
225 ft. So. of L.			
East line	4.27		6.48
Curb	4.40		6.35
1/4	4.88		5.87
Center	7.73		3.02
1/4	6.87		3.88
Curb	6.55		4.20
W. line	5.95		4.80
250 ft. So. of L.			
West line	6.75		4.00
Curb	6.70		4.05
1/4	7.30		3.45
C.	7.60		3.15
1/4	4.95		5.80

		10.75	
Curb	4.66		6.09
E. line	4.47		6.28
275 ft. So. of L.			
E. line	4.50		6.25
Curb	4.77		5.98
1/4	4.68		6.07
C.	6.13		4.62
1/4	7.80		2.95
Curb	7.65		3.10
W. line	7.05		3.70
North line of "M"			
W. line	7.06		3.69
Curb	9.30		1.45
1/4	5.35		5.40
C.	4.75		6.00
1/4	5.10		5.65
Curb	5.12		5.63

14th. St. from L to N

			10.75	
E. line		4.68		6.07
T.P.	2.44	4.73	8.46	6.02
Curb line No. side of M.				
E. line		3.10		5.36
Curb		3.05		5.41
1/4		2.95		5.51
C.		3.00		5.46
1/4		3.50		4.96
Curb		4.53		3.93
W. line		6.50		1.96
Center line of "M"				
W. line		5.60		2.86
Curb		5.10		3.36
1/4		4.72		3.74
C.		4.57		3.89
1/4		4.23		4.23
Curb		3.77		4.69
E. line		3.47		4.99

14th. St. from L. to N

Curb line, So. side of "M"				
			8.46	
E. line		3.43		5.03
Curb		3.63		4.83
1/4		3.65		4.81
C.		3.65		4.81
1/4		3.95		4.51
Curb		4.85		3.61
W. line		5.25		3.21
South line of "M"				
W. line		5.00		3.46
Curb		4.65		3.81
1/4		4.33		4.13
C.		2.40		6.06
1/4		3.66		4.80
Curb		3.77		4.69
E. line		3.07		5.39
25 ft. So. of M.				
E. line		2.93		5.53

South St. from L to M.

Curb	3.66	8.46	4.80
1/4	3.98		4.48
C.	3.82		4.64
1/4	4.24		4.22
Curb	4.80		3.86
W. line	4.07		4.39
50 ft. So. of M.			
W. line	4.37		4.09
Curb	4.70		3.76
1/4	4.93		3.53
C.	4.43		4.03
1/4	3.88		4.58
Curb	3.82		4.64
E. line	8.21		5.25
75 ft. So. of M.			
E line	3.50		4.96
Curb	3.57		4.89
1/4	4.15		4.31

14th St. from L. to M.

C.	4.25	8.46	4.21
1/4	4.76		3.70
Curb	4.80		3.66
W. line	4.40		4.06
100 ft. So. of M.			
W. line	4.75		3.71
Curb	4.98		3.48
1/4	4.80		3.66
C.	4.50		3.96
1/4	4.53		3.93
Curb	3.75		4.71
E. line	3.75		4.71
125 ft. So. of M.			
E. line	4.05		4.41
Curb	4.25		4.21
1/4	4.70		3.76
C.	4.93		3.53
1/4	5.02		3.44

14th St. from L to M.

Curb	5.18	8.46	2.28
W. line	4.95		3.51
150 ft. So. of M.			
W. line	5.60		2.86
Curb	5.52		2.94
1/4	5.43		3.03
C.	5.20		3.26
1/4	4.99		3.47
Curb	4.60		3.86
E. line	4.29		4.17
175 ft. So. of M.			
E. line	4.73		3.73
Curb	5.18		3.28
1/4	5.40		3.06
C.	5.40		3.06
1/4	5.70		2.76
Curb	5.98		2.48
W. line	5.72		2.74

14th St. from L to N.

200 ft. So. of M.

W. line	6.27	8.46	2.19
Curb	6.17		2.29
1/4	6.05		2.41
C.	6.00		2.46
1/4	6.08		2.38
Curb	6.05		2.41
E. line	5.80		2.66

225 ft. So. of M.

E. line	6.13		2.33
Curb	6.65		1.81
1/4	6.65		1.81
C.	6.50		1.96
1/4	6.40		2.06
Curb	6.34		2.12
W. line	6.60		1.86

250 ft. So. of M.

W. line	6.44		2.02

14th St. from L to N.

Curb	6.55	8.46	1.91
1/4	6.63		1.83
C.	6.73		1.73
1/4	6.80		1.66
Curb	6.67		1.79
E. line	6.60		1.86

275 ft. So. of M.

E. line	6.90		1.56
Curb	6.25		2.21
1/4	6.18		2.28
C.	6.45		2.01
1/4	6.80		1.66
Curb	6.67		1.79
W. line	6.43		2.03

No. line of M.

W. line	6.66		1.80
Curb	6.87		1.59
1/4	6.75		1.71

14th St. fr. L. to N.

b.	5.43	8.46	3.03
1/4	5.30		3.16
bub.	4.80		3.86
E. line	6.90		1.56

Measurement of proposed repairs to pavement on "D" St. — Bet. 3d. & 4th. — June 10/1901 —

1.2 ×	0.5	0.60
1.8 ×	1.2	2.16
2.0 ×	2.0	4.00
2.7 ×	1.3	3.51
5.1 ×	2.6	13.26
0.7 ×	0.4	0.28
0.7 ×	1.9	1.33
4.4 ×	2.5	11.00
2.4 ×	4.0	9.60
2.2 ×	2.0	4.40
1.9 ×	1.4	2.66
2.4 ×	0.7	16.80
6.3 ×	6.4	40.32
7.8 ×	3.0	23.40
2.2 ×	0.6	13.20
2.2 ×	4.8	10.56
4.8 ×	5.6	26.88
		183.96

d'Hennecourt Kenniston Watson		
		183.96
2.8 ×	1.4	3.92
1.7 ×	0.3	0.51
2.0 ×	2.1	4.20
2.3 ×	3.1	7.13
1.6 ×	3.6	5.76
7.8 ×	4.4	34.32
0.7 ×	4.4	3.08
2.8 ×	1.4	3.92
2.6 ×	2.3	5.98
3.7 ×	4.0	14.80
2.0 ×	3.6	7.20
2.5 ×	2.5	6.25
1.8 ×	3.4	6.12
1.1 ×	0.9	0.99
3.2 ×	2.9	9.28
1.6 ×	0.7	1.12
		298.54

		298 54
4.0	× 3.1	12 40
1.7	× 3.1	5 27
3.8	× 4.5	17 10
4.7	× 1.8	8 46
10.9	× 10.4	103 36
2.4	× 0.6	1 44
1.0	× 0.6	0 60
2.3	× 3.6	8 28
2.3	× 2.3	5 29
6.6	× 3.7	24 42
3.2	× 1.2	3 84
1.4	× 1.6	2 24
2.5	× 1.0	2 50
3.9	× 1.6	6 24
1.7	× 1.9	3 23
5.1	× 5.0	25 50
		588 71

		588 71
3.7	× 3.7	12 69
1.3	× 1.3	1 69
4.7	× 5.3	24 91
3.0	× 2.4	7 20
4.0	× 2.7	10 80
5.4	× 3.1	16 74
1.0	× 1.0	1 00
1.0	× 0.9	0 90
3.8	× 2.6	9 88
1.6	× 2.0	3 20
1.4	× 1.4	1 96
7.9	× 2.2	17 38
4.0	× 1.4	5 60
7.6	× 3.3	25 08
2.9	× 1.1	3 19
6.3	× 4.6	28 98
		700 91

	700 91
3.5 × 17	595
3.2 × 1.7	544
2.2 × 1.7	374
7.6 × 2.2	1672
15.5 × 18.6	288 30
10.6 × 12.0	127 2
7.6 × 2.0	15 20
8.2 × 5.0	41 00
1.7 × 1.2	2 04
16.4 × 10.7	175 48
2.2 × 16.2	35 64
31.0 × 15.6	48 36
7.4 × 3.2	23 68
4.4 × 2.3	10 12
13.6 6.5	88 40
1.3 × 1.5	1 95
	1475 65

	1475 65
4.6 × 1.5	6 90
6.0 × 2.5	15 00
2.1 × 1.5	3 15
25.3 × 3.3	83 49
2.0 × 1.8	3 60
4.1 × 2.0	8 20
3.4 × 18.3	62 22
1.6 × 0.5	0 80
1.5 × 1.2	1 80
2.0 × 0.4	0 80
1.1 × 2.0	2 20
1.1 × 1.5	1 65
7.0 × 1.9	13 30
3.0 × 3.0	9 00
3.0 × 0.9	2 70
4.0 × 0.5	2 00
	1692 46

	1692 46
3.0 × ~~7.6~~ 76.0	228 00
North Side	
13.0 × 4.2	54 60
0.5 × 1.5	0 75
3.0 × 2.5	7 50
11.8 × 4.0	47 20
3.0 × 3.0	9 00
3.0 × 2.7	8 10
	3047 61

Columbia, from H to Kalmia
X Sections 6/11/1901 - d'Heme cont
Kennison
Watson

B.M. S.E. Cor. of Columbia and Kalmia =				70.29
BM.	0.79.		71.08	70.29
South Side of Kalmia				
E. side		0.79		70.29
Curb		2.08		69.00
1/4		3.17		67.91
C.		4.25		66.83
1/4		5.40		65.68
Curb		6.63		64.45
W. side		7.50		63.58
25 ft. So. of Kalmia				
W. side		7.30		63.78
Curb		6.70		64.38
1/4		5.33		65.75
C.		4.33		66.75
1/4		3.54		67.54

Columbia, H to Kalmia

Curb		2.77	71.08	68.31
E. line		1.78		69.30
50 ft. So. of Kalmia				
E. line		2.19		68.89
Curb		2.96		68.12
1/4		3.83		67.25
C.		4.85		66.23
1/4		5.92		65.16
Curb		7.20		63.88
W. line		7.30		63.78
75 ft. So. of Kalmia				
W. line		7.30		63.78
Curb		7.40		63.68
1/4		5.74		65.34
C.		5.33		65.75
1/4		4.55		66.53
Curb		3.52		67.56
E. line		2.53		68.55

100 ft. So. of Kalmia

E. line	3.05	71.08	68.03
Curb	3.30		67.78
1/4	4.87		66.21
C.	5.87		65.21
1/4	6.40		64.68
Curb	7.30		63.78
W. line	7.45		63.63

125 ft. So. of Kalmia.

W. line	7.40		63.68
Curb	7.35		63.73
1/4	6.80		64.28
C.	5.68		65.40
1/4	4.83		66.25
Curb	4.28		66.80
E. line	3.46		67.62

150 ft. So. of Kalmia

E. line	3.56		68.52

Curb	4.33	71.08	66.75
1/4	4.97		66.11
C.	5.64		65.44
1/4	6.37		64.71
Curb	7.30		63.78
W. line	7.80		63.28

175 ft. So. of Kalmia.

W. line	7.30		63.78
Curb	7.20		63.88
1/4	6.52		64.56
C.	5.76		65.32
1/4	4.97		66.11
Curb	4.43		66.65
E. line	3.75		67.33

200 ft. So. of Kalmia

E. line	3.74		67.34
Curb	4.37		66.71
1/4	3.86		67.22

C.	5.52	71.08	65.56
1/4	6.47		64.61
Curb	7.05		64.03
W. line	7.15		63.93
225 ft. So. of Kalmia			
W. line	7.20		63.88
Curb	7.05		64.03
1/4	6.10		64.98
C.	4.53		66.55
1/4	5.05		66.03
Curb	4.27		66.81
E. line	3.90		67.18
250 ft. So. of Kalmia			
E. line	3.87		67.21
Curb	4.45		66.63
1/4	5.05		66.03
C.	5.35		65.73
1/4	5.85		65.23

Curb	6.74	71.08	64.34
W. line	7.15		63.93
275 ft. So. of Kalmia			
W. line	6.75		64.33
Curb	6.25		64.83
1/4	5.62		65.46
C.	5.33		65.75
1/4	4.72		66.36
Curb	3.46		67.62
E. line	3.37		67.71
No. line of Juniper			
E. line	3.05		68.03
Curb	3.65		67.43
1/4	4.28		66.80
C.	4.90		66.18
1/4	5.35		65.73
Curb	6.17		64.91
W. line	6.57		64.51

			71.08	
T.P.		7.04		64.04

June 12th 1901 –

d'Hemecourt
Kensington
Watson

T.P.	5.21	~~69.25~~	69.25	64.04

Cent line No side of Juniper

E. side		1.15	68.10
Curb		1.62	67.63
1/4		2.15	67.10
C.		2.60	66.65
1/4		3.18	66.07
Curb		4.04	65.21
W. line		4.55	64.70

Center line of Juniper

10'		8.40	60.85
W. line		6.66	62.59
Curb		6.82	62.93
1/4		5.90	63.35

C.		4.70	69.25	64.55
1/4		4.20		65.05
Curb		3.70		65.55
E. line		3.65		65.60
10'		4.20		64.95

61
75
7.16

Cent line So. side of Juniper

15'		11.72		57.53
E. line		12.90		58.35
Curb		10.87		58.38
1/4		11.07		58.18
C.		11.80		57.45
T.P. ~~74~~	2.76	11.30	60.71	57.95
1/4		8.96		56.75
Curb		4.87		55.84
W. line		5.50		55.21
20'		6.64		54.07

~~Cent~~ So. line of Juniper

25'		9.32		51.39

Columbia, H to K alma

W. line	7.65	60.71	53.06
Curb	7.17		53.54
1/4	6.80		53.91
C.	6.00		54.71
1/4	5.57		55.14
Curb	6.22		54.49
E. line	5.15		55.56
25'	6.20		54.51

25 ft. So. of Juniper

30'	8.45		52.26
E. line	9.55		51.16
Curb	9.84		50.87
1/4	10.62		50.09
C.	10.80		49.91
1/4	10.92		49.79
Curb	9.98		50.73
W. line	10.15		50.56
20'	12.20		48.51

Columbia, H to K alma

35' So. of Juniper

30'	13.10	60.71	47.61
W. line	12.20		48.51
Curb	11.85		48.86
1/4	11.70		49.01
C.	11.24		49.47
1/4	11.45		49.26
Curb	11.17		49.54
E. line	11.01		49.70
30'	7.15		53.56

50 ft. So. of Juniper

25' ~~30'~~	6.15		54.56
E. line	6.90		53.81
Curb	7.93		52.78
1/4	9.03		51.68
C.	9.00		51.71
1/4	10.87		49.84
Curb	11.00		49.71

Columbia, H to Kalmia

W. line		12.20	60.71	48.51
25'		13.00		47.71
75 ft. So. of Juniper				
20'		10.45		50.26
W. line		8.50		52.21
Curb		7.43		53.28
1/4		6.30		54.41
C.		5.47		55.24
1/4		4.95		55.76
Curb		4.05		56.66
E. line		3.15		57.56
20'		1.57		59.14
100 ft. So. of Juniper				
15'		0.0		60.71
E. line		0.87		59.84
Curb		2.47		58.24
1/4		3.17		57.54
C.		4.31		56.40

Columbia, H to Kalmia

1/4		4.90	60.71	55.81
Curb.		5.87		54.84
W. line		7.00		53.71
15'		8.00		52.71
125 ft. So. of Juniper				
10'		6.65		54.06
W. line		5.95		54.76
Curb		4.95		55.76
1/4		4.15		56.56
C.		3.12		57.59
1/4		2.25		58.46
Curb		0.95		59.76
T.P.	9.20	0.72	69.19	59.99
E. line		8.15		61.04
10'		7.40		61.79
150 ft. So. of Juniper				
5'		6.55		62.64
E. line		6.93		62.26

Columbia, H to Kalmia

b ~~H~~	7.64	69.19	61.45
b. 1/4	9.07		60.12
b. ~~H~~	10.35		58.84
~~bmt~~ 1/4	10.97		58.22
bmt	12.20		56.99
W. line	13.00		56.19
10'	13.50		55.69
175' So. of Juniper			
W. line	10.90		58.29
bmt	10.20		58.99
1/4	9.38		59.81
b.	8.55		60.64
1/4	7.80		61.39
bmt	6.90		62.29
E. line	6.00		63.19
200 ft. So. of Juniper			
E. line	5.35		63.84
bmt	5.93		63.26

Columbia, H to Kalmia

1/4	6.33	69.19	62.86
b.	6.63		62.56
1/4	6.95		62.24
bmt	7.65		61.54
W. line	7.95		61.24
225 ft. So. of Juniper			
W. line	7.05		62.14
bmt	6.53		62.66
1/4	6.00		63.19
b.	5.45		63.74
1/4	5.35		63.84
bmt	4.70		64.49
E. line	4.35		64.84
250 ft. So. of Juniper			
E. line	3.40		65.79
bmt	3.95		65.24
1/4	4.45		64.74
b.	4.45		64.74

1/4	5.12	69.19	64.07
Curb	5.75		63.44
W. line	6.19		63.00
275 ft. So. of Juniper			
W. line	5.95		63.24
Curb	5.50		63.69
1/4	4.57		64.62
C.	4.00		65.19
1/4	3.63		65.56
Curb	3.19		66.00
E. line	2.57		66.62
North line of Ivy.			
E. line	2.53		66.66
Curb	3.05		66.14
1/4	3.50		65.69
C.	4.05		65.14
1/4	4.74		64.45

Curb	5.40	69.19	63.79
W. line	5.92		63.27
Curb line No. side of Ivy.			
W. line	5.67		63.52
Curb	4.90		64.29
1/4	4.35		64.84
C.	3.83		65.36
1/4	3.61		65.58
Curb	3.27		65.92
E. line	2.43		66.76
Center line of Ivy.			
E. line	2.70		66.49
Curb	3.45		65.74
1/4	3.78		65.41
C.	4.13		65.06
1/4	4.62		65.57
Curb	5.15		64.04
W. line	5.90		63.29

Curb line So. side of Ivy,

W. line	5.71	69.19	63.48
Curb	5.40		63.79
1/4	4.48		64.71
C.	3.92		65.27
1/4	3.57		65.62
Curb	3.26		65.93
E. line	2.67		66.52

South line of Ivy.

E. line	2.37		66.82
Curb	3.13		66.06
1/4	3.57		65.62
C.	4.05		65.14
1/4	4.67		64.52
Curb	5.15		64.04
W. line	5.95		63.24

25 ft. So. of Ivy.

W. line	6.05		63.14

Curb.	5.57	69.19	63.62
1/4	4.80		64.39
C.	4.05		65.14
1/4	3.23		65.96
Curb	2.83		66.36
E line	2.40		66.79

50 ft. So. of Ivy.

E. line	1.93		67.26
Curb	2.73		66.46
1/4	3.37		65.82
C.	3.35		65.84
1/4	3.97		65.22
Curb	5.17		64.02
W. line	6.10		63.09

75 ft. So. of Ivy.

W. line	6.05		63.14
Curb	5.25		63.94
1/4	4.43		64.76

C.		3.66	69.19	65.53
1/4		3.27		65.92
Curb		2.67		66.52
E. line		2.13		67.06
100 ft. So. of Ivy,				
E. line		2.13		67.06
Curb		2.77		66.42
1/4		3.37		65.82
C.		~~3.37~~		
1/4		3.77		65.42
Curb		4.37		64.82
~~W. line~~		5.07		64.12
T.P.	6.02	5.63	69.58	63.56
W. line		5.96		63.62
125 ft. So. of Ivy				
W. line		5.85		63.73
Curb		5.33		64.25
1/4		5.05		64.53

C.		4.20	69.58	65.38
1/4		3.87		65.71
Curb		3.31		66.27
E. line		2.64		66.94
150 ft. So. of Ivy,				
E. line		2.66		66.92
Curb		2.97		66.61
1/4		3.60		65.98
C.		4.75		64.83
1/4		5.27		64.31
Curb		5.50		64.08
W. line		6.56		63.02
175 ft. So. of Ivy,				
W. line		6.93		62.65
Curb		6.48		63.10
1/4		5.55		64.03
C.		4.74		64.84
1/4		4.00		65.58

Curb	3.17	69.58	66.41
E. line	2.53		67.05
200 ft. So. of Ivy.			
E. line	3.55		66.03
Curb	4.18		65.40
1/4	4.87		64.71
C.	5.85		63.73
1/4	7.10		62.48
Curb	7.65		61.93
W. line	8.28		61.30
225 ft. So. of Ivy.			
W. line	8.97		60.61
Curb	7.95		61.63
1/4	7.53		62.05
C.	7.07		62.51
1/4	5.35		64.23
Curb	4.55		65.03
E. line	3.98		65.60

250 ft. So. of Ivy.			
E. line	3.73	69.58	65.85
Curb	4.37		65.21
1/4	5.17		64.41
C.	5.65		63.93
1/4	6.50		63.08
Curb	7.47		62.11
W. line	8.70		60.88
275 ft. So. of Ivy.			
W. line	7.40		62.18
Curb	6.75		62.83
1/4	5.85		63.73
C.	4.83		64.75
1/4	4.25		65.33
Curb	3.52		66.06
E. line	2.73		66.85
North line of Hawthorne			
E. line	2.31		67.27

Curb	2.95	69.58	66.63
1/4	3.80		65.78
C.	4.73		64.85
1/4	5.20		64.38
Curb	6.80		63.28
W. line	7.10		62.48

Curb line No. side of Hawthorne

W. line	7.10		62.48
Curb	6.55		63.03
1/4	5.67		63.91
C.	4.67		64.91
1/4	3.92		65.66
Curb	3.09		66.49
E. line	2.56		67.02

Center line of Hawthorne

E. line	1.97		67.61
Curb	2.57		67.01
1/4	2.75		66.83

C.	3.68	69.58	65.90
1/4	4.92		64.66
Curb	6.45		63.13
W. line	7.70		61.88

Curb line So. side of Hawthorne

W. line	6.75		62.83
Curb	6.03		63.55
1/4	5.15		64.43
C.	4.05		65.53
1/4	3.43		66.15
Curb	2.75		66.83
E. line	2.05		67.53

So. line of Hawthorne

E. line	1.97		67.61
Curb	1.90		67.68
1/4	2.31		67.27
C.	4.05		65.53
1/4	5.05		64.53

Curb		5.95	69.58	63.63
W. line		6.75		62.83
25 ft. So. of Hawthorne.				
W. line		6.45		63.13
Curb		5.67		63.91
1/4		5.07		64.51
C.		4.25		65.33
1/4		3.45		66.13
Curb		3.10		66.48
E. line		2.31		67.27
50 ft. So. of Hawthorne				
E. line		2.47		67.11
Curb		3.33		66.25
1/4		3.85		65.73
C.		4.53		65.05
1/4		5.23		64.35
Curb		6.03		63.55
W. line		6.57		63.01

75 ft. So. of Hawthorne				
W. line		6.80	69.58	62.78
Curb		6.20		63.38
1/4		5.37		64.21
C.		4.62		64.96
1/4		4.12		65.46
Curb		3.47		66.11
E. line		2.83		66.75
100 ft. So. of Hawthorne				
E. line		3.05		66.53
Curb		3.86		66.72
1/4		4.43		65.15
C.		5.00		64.58
1/4		5.75		63.83
Curb		6.27		63.31
W. line		7.10		62.48
T.P.	4.91	7.09	67.40	62.49

125 ft. So. of Hawthorne

W. line	5.26	67.40	62.14
Curb	4.63		62.77
1/4	4.12		63.28
C.	3.41		63.99
1/4	2.81		64.59
Curb	1.97		65.43
E. line	1.22		66.18

150 ft. So. of Hawthorne

E. line	1.98		65.42
Curb	2.95		64.45
1/4	3.52		63.88
C.	3.74		63.66
1/4	4.55		62.85
Curb	5.35		62.05
W. line	5.87		61.53

175 ft. So. of Hawthorne

W. line	6.15		61.25

Curb	5.75	67.40	61.65
1/4	5.30		62.10
C.	4.18		63.22
1/4	3.75		63.65
Curb	3.33		64.07
E. line	2.67		64.73

200 ft. So. of Hawthorne

E. line	2.85		64.55
Curb	3.67		63.73
1/4	4.40		63.00
C.	4.45		62.95
1/4	5.43		61.97
Curb	6.08		61.32
W. line	6.50		60.90

225 ft. So. of Hawthorne

W. line	7.42		59.98
Curb	6.18		60.22
1/4	5.55		61.95

Columbia, H to Kalma

C.	4.95	67.40	62.45
1/4	4.13		62.27
Curb	3.68		63.72
E. line	3.08		64.32
250 ft. So. of Hawthorne			
E. line	2.80		64.60
Curb	3.47		63.93
1/4	4.47		62.93
C.	4.95		62.45
1/4	5.86		61.54
Curb	6.25		61.15
W. line	6.93		60.47
275 ft. So. of Hawthorne			
W. line	7.20		60.10
Curb	6.62		60.78
1/4	5.86		61.54
C.	5.12		62.28
1/4	4.34		63.06

Columbia, H to Kalma

Curb	3.51	67.40	63.89
E. line	2.85		64.55
No. line of Grape			
E. line	2.97		64.43
Curb	3.70		63.70
1/4	4.64		62.76
C.	5.25		62.15
1/4	5.97		61.43
Curb	6.80		60.60
W. line	7.40		60.00
Curb line No. side of Grape			
W. line	7.98		59.42
Curb	7.13		60.27
1/4	6.20		61.20
C.	5.50		61.90
1/4	4.90		62.50
Curb	3.93		63.47
E. line	3.05		64.35

Columbia Ht Kalma

Center line of Grade

E. line		3.69	67.40	63.71
Curb		4.64		62.76
1/4		6.44		60.96
C.		8.50		58.90
1/4		9.60		57.80
Curb		10.92		56.48
W. line		10.50		56.90
10'		14.30		53.30

Curb line So. side of Grade.

E. line		4.80		62.60
Curb		5.55		61.85
1/4		7.95		59.45
C.		10.57		56.83
T.P.	2.70	10.19	59.91	57.21
1/4		5.40		54.51
Curb		7.88		52.08
W. line		9.73		50.18

Columbia, St

20'		12.45	59.91	47.46
So. line of Grape				
20'		13.50		46.41
W. line		11.35		48.56
Curb		8.70		51.21
1/4		6.06		53.85
C.		4.00		55.91
1/4		1.88		58.03
Curb		0.30		59.61
E. line		0.10		59.81
5'		0.10		59.81
25 ft. So. of Grape				
10'		4.35		55.56
E. line		4.54		55.37
Curb		4.93		54.98
1/4		5.33		54.48
C.		6.10		53.81
1/4		7.97		51.94

to Kalma

Curb		10.45	59.91	49.46
T.P.	6.76	10.87	55.80	49.04
W. line		8.21		47.59
20'		9.15		46.65
50 ft. So. of Grape				
20'		8.40		47.40
W. line		7.67		48.13
Curb		7.28		48.52
1/4		6.78		49.02
C.		5.87		49.93
1/4		4.90		50.90
Curb		4.30		51.50
E. line		3.28		52.52
15'		1.65		54.15
75 ft. So. of Grape				
15'		2.70		53.10
E. line		3.71		52.09
Curb		4.18		51.62

1/4		4.95	55.80	50.85
b.		5.60		50.20
1/4		6.00		49.80
Curb		6.60		49.20
W. line		6.77		49.03
15'		6.70		49.10
100 ft. So. of Grape				
W. line		0.05		55.75
Curb		0.87		54.93
1/4		1.55		54.25
b.		1.10		54.70
1/4		2.35		53.45
Curb		2.75		53.05
E. line		2.65		53.15
15'		1.24		54.56
T.P.	9.69	0.94	64.55	54.86
125 ft. So. of Grape				
5'		3.12		61.43

E. line		3.55	64.55	61.00
Curb		3.53		61.02
1/4		2.90		61.65
b.		2.40		62.15
1/4		1.94		62.61
Curb		2.12		62.43
W. line		2.27		62.28
T.P.	6.95	2.38	69.12	62.17
140 ft. So. of Grape				
W. line		7.05		62.07
Curb		6.22		62.90
1/4		5.08		64.04
b.		4.57		64.55
1/4		4.20		64.82
Curb		4.12		65.00
E. line		3.95		65.17
150 ft. So. of Grape				
E. line		3.43		65.69

Columbia, M

Curb	3.70	69.12	65.42
1/4	4.14		64.98
C.	4.30		64.82
1/4	5.22		63.90
Curb	6.18		62.94
W. side	7.20		61.90
175 ft. So. of Grape			
W. side	7.50		61.62
Curb	6.90		62.20
1/4	6.25		63.87
C.	4.95		64.17
1/4	4.36		64.76
Curb	3.73		65.39
E. side	3.05		66.07
200 ft. So. of Grape			
E. line	3.45		65.67
Curb	4.19		64.93
1/4	4.89		64.23

to Kalmia

C.	5.05	69.12	64.07
1/4	6.47		62.65
Curb	7.40		61.72
W. side	7.84		61.28
225 ft. So. of Grape			
W. line	8.25		60.87
Curb	7.70		61.42
1/4	6.74		62.38
C.	5.51		63.61
1/4	5.10		64.02
Curb	4.32		64.80
E. line	3.55		65.67
250 ft. So. of Grape			
E. line	3.52		65.60
Curb	4.13		64.99
1/4	4.95		64.17
C.	5.41		63.71
1/4	6.47		62.65

Columbia, to Kalama

Curb	7.20	69.12	61.92
W. line	7.70		61.42
275 ft. So. of Grape			
W. line	7.20		61.92
Curb	7.05		62.07
1/4	6.48		62.64
C.	5.57		63.58
1/4	4.96		64.16
Curb	4.15		64.97
E. line	3.45		65.67
No. side of Fir.			
E. line	4.25		64.87
Curb	4.65		64.47
1/4	4.95		64.17
C.	5.57		63.55
1/4	6.32		62.80
Curb	6.95		62.17
W. line	7.00		62.12

		69.12	
T.P.	6.97		62.15
Thursday. June 13th 1901.			
d'Heme court, Kennisten, Watson.			
T.P.	4.75	66.90	62.15
Curb line North side of Fir. 4			
W. line	5.07		61.83
Curb	4.87		62.03
1/4	3.85		63.05
C.	3.55		63.35
1/4	2.95		63.95
Curb	2.67		64.23
E. line	2.35		64.55
Center line of Fir.			
E. line	1.93		64.97
Curb	2.34		64.56
1/4	2.77		64.13
C.	3.20		63.70

Columbia, H to Kalmia

1/4	3.62	66.90	63.28
Curb	4.27		62.63
W. line	4.48		62.42
Curb line So. side of Fir			
W. line	5.18		61.72
Curb	4.77		62.13
1/4	3.57		63.33
C.	3.30		63.60
1/4	3.00		63.90
Curb	2.73		64.17
E. line	2.43		64.47
South line of Fir			
E. line	1.57		65.33
Curb	2.30		64.60
1/4	2.65		64.25
C.	3.45		63.45
1/4	3.93		62.97
Curb	4.91		61.99

W. line	5.08	66.90	61.82
From S.W. Cor. of Fir to a pt. 9.8' South of S.E. Cor of Fir —			
W. line	5.08		61.82
Curb	4.95		61.95
1/4	4.05		62.85
C.	3.30		63.30
1/4	2.75		64.15
Curb	2.20		64.70
E. line	1.63		65.27
225 ft. No. of Elm			
E. line	1.77		65.13
Curb	2.60		64.30
1/4	2.95		63.95
C.	3.52		63.38
1/4	4.18		62.72
Curb	4.85		62.05
W. line	5.30		61.60

Columbia, H to Kalmia

200 ft. No. of Elm.			
W. line	5.76	66.90	61.14
Curb	5.34		61.56
1/4	4.50		62.40
C.	3.90		63.00
1/4	3.46		63.44
Curb	3.15		63.75
E. line	2.45		64.45
175 ft. No. of Elm			
E. line	2.95		63.95
Curb	3.60		63.30
1/4	4.22		62.68
C.	4.56		62.34
1/4	5.25		61.65
Curb	5.95		60.95
W. line	6.50		60.40
150 ft. No. of Elm			
W. line	7.20		59.70

Curb	6.47	66.90	60.43
1/4	6.03		60.87
C.	5.16		61.74
1/4	4.64		62.26
Curb	4.08		62.82
E. line	3.33		63.57
125 ft. No. of Elm.			
E. line	3.60		63.30
Curb	4.18		62.72
1/4	4.83		62.07
C.	5.31		61.59
1/4	6.31		60.59
Curb	6.74		60.16
W. line	7.40		59.50
100 ft. No. of Elm.			
W. line	7.42		59.48
Curb	6.72		60.18
1/4	6.30		60.60

Columbia; H

b.	5.65	66.90	61.25
1/4	4.90		62.00
Curb	4.38		62.52
E. line	3.78		63.12
75' No. of Elm			
E. line	3.77		63.13
Curb	4.22		62.68
1/4	4.86		62.04
b.	5.32		61.58
1/4	6.30		60.60
Curb	6.80		60.10
W. line	7.78		59.12
50 ft. No. of Elm			
W. line	7.60		59.30
Curb	6.93		59.97
1/4	6.18		60.72
b.	4.95		61.95
1/4	4.69		62.21

to Kalmia

Curb	4.10	66.90	62.80
E. line	3.27		63.63
25 ft. No. of Elm			
E. line	3.65		63.25
Curb	4.33		62.57
1/4	4.67		62.23
b.	5.72		61.18
1/4	6.34		60.56
Curb	6.80		60.10
W. line	7.52		59.38
No. line of Elm			
W. line	7.91		58.99
Curb	7.20		59.70
1/4	6.45		60.45
b.	5.80		61.10
1/4	5.35		61.55
Curb	4.83		62.07
E. line	4.53		62.37

Columbia St to Kalama

Curb line No. side of Elm.

E. line	5.93	66.90	60.97
Curb	5.13		61.77
1/4	5.59		61.31
C.	6.25		60.65
1/4	6.80		60.10
Curb	7.40		59.50
W. line	7.83		59.07

Center line of Elm

W. line	8.30		58.60
Curb	8.00		58.90
1/4	7.25		59.65
C.	6.80		60.10
1/4	6.15		60.75
Curb	6.18		60.72
E. line	6.72		60.18

Curb line So. side of Elm

E. line	6.37		60.53

Curb		5.97	66.90	60.93
1/4		6.37		60.53
C.		7.04		59.86
1/4		7.70		59.20
Curb		8.37		58.53
W. line		8.78		58.12

South line of Elm

W. line		9.06		57.84
Curb		8.67		58.23
1/4		7.90		59.00
C.		7.40		59.50
& 1/4		6.68		60.22
Curb		6.26		60.64
E. line		5.97		60.93
T.P.	0.67	6.78	60.79	60.12

25 ft. So. of Elm

E. line	0.33		60.46
Curb	0.83		59.96

Columbia St

1/4	1.17	60.79	59.62
b.	1.44		59.35
1/4	3.00		57.79
Curb	3.31		57.48
W. line	3.53		57.26
50 ft. So. of Elm			
W. line	4.05		56.74
Curb	3.67		57.12
1/4	3.05		57.74
b.	2.31		58.48
1/4	1.75		59.04
Curb	1.41		59.38
E. line	0.85		59.94
75 ft. So. of Elm			
E. line	1.23		59.56
Curb	1.78		59.01
1/4	2.25		58.54
b.	2.98		57.81

to Kalmia

1/4	3.54	60.79	57.25
Curb	3.95		56.84
W. line	4.67		56.12
100 ft So. of Elm			
W. line	5.15		55.64
Curb	4.67		56.12
1/4	4.08		56.71
b.	3.16		57.63
1/4	2.52		58.27
Curb	2.15		58.64
E. line	1.67		59.12
125 ft. So. of Elm			
W. line	5.62		55.17
Curb	5.10		55.69
1/4	4.65		56.14
b.	4.05		56.74
1/4	3.08		57.71
Curb	2.41		58.38

E. line	1.80	60.79	58.94
150 ft. So. of Elm			
E. line	3.37		57.42
Curb	3.55		57.24
1/4	3.93		54.86
C.	4.85		55.84
1/4	5.92		54.87
Curb	5.35		55.44
W. line	6.05		54.74
175 ft. So. of Elm			
W. line	6.57		54.22
Curb	7.98		52.81
1/4	7.83		52.96
C.	7.68		53.11
1/4	7.92		52.87
Curb	8.25		52.54
E. line	7.95		52.84

200 ft. So. of Elm			
E. line	9.33	60.79	51.46
Curb	10.40		50.39
1/4	10.57		50.22
C.	10.45		50.34
1/4	10.35		50.44
Curb	10.30		50.49
W. line	10.50		50.29
From N.W. Corn of Date to a pt. No. of N.E. Cor. of Date			
W. line	11.05		49.74
Curb	10.77		50.02
1/4	10.65		50.14
C.	10.75		50.04
1/4	10.60		50.19
Curb	10.48		50.31
E. line	10.22		50.57

No. line of Date

E. line		9.95	60.79	50.84
Curb		10.32		50.47
1/4		10.45		50.34
C.		10.57		50.22
1/4		10.81		49.98
Curb		10.78		50.01
W. line		11.05		49.74
T.P.	0.30	7.74	53.35	53.05

Curb line, North side of Date.

W. line		3.93		49.42
Curb		3.45		49.90
1/4		3.05		50.30
C.		2.88		50.47
1/4		2.75		50.60
Curb		2.47		50.88
E. line		2.20		51.15

Center line of Date,

E. line		2.85	53.35	50.50
Curb		3.13		50.22
1/4		3.40		49.95
C.		3.65		49.70
1/4		3.82		49.52
Curb		4.18		49.17
W. line		4.41		48.94

Curb line So. side of Date

W. line		5.90		47.45
Curb		5.71		47.64
1/4		5.05		48.30
C		4.55		49.00
1/4		4.27		49.08
Curb		3.95		49.40
E. line		3.68		49.67

South line of Date

E. line		3.81		49.54

Columbia, M

Curb	4.13	53.35	49.22
1/4	4.53		48.82
C.	4.85		48.50
1/4	5.37		47.98
Curb	6.55		46.80
W. line	6.63		46.72
2.5 ft. So. of Date.			
W. line	8.37		44.98
Curb	8.95		44.40
1/4	8.85		44.50
C.	7.72		45.63
1/4	4.94		48.41
Curb	4.75		48.60
E. line	4.35		49.00
50 ft. So. of Date			
E. line	5.75		47.60
Curb	6.78		46.57
1/4	7.35		46.00

to Kalmia

C.	8.65	53.35	44.70
1/4	9.15		44.20
Curb	9.30		44.05
W. line	9.35		44.00
7.5 ft. So. of Date			
W. line	9.80		43.55
Curb	9.82		43.53
1/4	9.70		43.65
C.	9.40		43.95
1/4	8.78		44.57
Curb	7.35		46.00
E. line	5.15		48.20
T.P.	6.51		46.84

Columbia, St

Saturday, June 15th 1901.

d'Hennecourt
Kennistow
Watson

T.P.	5.14	51.98	46.84
100 ft. So. of Date.			
E. side	3.83		48.15
Curb	4.85		47.13
1/4	6.23		45.75
C.	6.90		45.08
1/4	7.87		44.11
Curb	8.34		43.64
W. side	8.60		43.38
125 ft. So. of Date			
W. side	7.80		44.18
Curb	7.05		44.93
1/4	6.80		45.18
C.	5.70		46.28
1/4	4.95		47.03

to Kalama

Curb	8.95	51.98	48.03
E. line	3.75		48.23
150 ft. So. of Date			
E. line	3.96		48.02
Curb	4.50		47.48
1/4	5.20		46.78
C.	5.68		46.30
1/4	6.30		45.68
Curb	6.43		45.55
W. line	7.05		44.93
175 ft. So. of Date			
W. line	8.63		43.35
Curb	7.77		44.21
1/4	7.05		44.93
C.	6.44		45.54
1/4	5.88		46.10
Curb	5.45		46.53
E. line	4.93		47.05

Columbia St

200 ft. So. of Date

E. line	6.60	51.98	45.38
Curb	7.26		44.72
1/4	7.83		44.15
C.	8.21		43.77
1/4	8.43		43.55
Curb	9.06		42.92
W. line	9.23		42.75

225 ft. So. of Date

W. line	9.40		42.58
Curb	9.05		42.93
1/4	8.53		43.45
C.	8.20		43.78
1/4	7.61		44.37
Curb	7.37		44.61
E. line	7.15		44.83

250 ft. So. of Date

E. line	5.53		46.45

to Kalmia

Curb	6.15	51.98	45.83
1/4	7.10		44.88
C.	7.62		44.36
1/4	8.10		43.88
Curb	8.40		43.58
W. line	8.85		43.13

275 ft. So. of Date

W. line	6.75		45.23
Curb	7.05		44.93
1/4	6.64		45.34
C.	6.05		45.93
1/4	5.38		46.60
Curb	4.82		47.16
E. line	3.35		48.63

North line of Cedar

E. line	3.07		48.91
Curb	3.55		48.43
1/4	3.90		48.08

Columbia,

C.	4.22	51.98	47.76
1/4	4.49		47.49
Curb	5.05		46.93
W. line	5.54		46.44
Curb line No. side of Cedar			
W. line	6.30		46.68
Curb	6.15		46.83
1/4	5.08		46.90
C.	4.70		47.28
1/4	4.64		47.34
Curb	4.68		47.30
E. line	4.05		47.93
Center line of Cedar			
E. line	3.65		48.33
Curb	3.95		48.03
1/4	4.27		47.71
C.	4.50		47.48
1/4	4.88		47.10

H to Kalmia

Curb	5.30	51.98	46.68
W. line	5.72		46.26
Curb line So. Side of Cedar			
W. line	6.55		46.43
Curb	6.17		45.81
1/4	5.55		46.43
C.	5.25		46.73
1/4	5.04		46.94
Curb	4.73		47.25
E. line	4.19		47.79
So. line of Cedar			
E. line	4.20		47.78
Curb	4.70		47.28
1/4	4.60		47.38
C.	4.70		47.28
1/4	5.17		46.81
Curb	5.53		46.45
W. line	5.50		46.48

Columbia, M

			51.98	
T.P.	2.01	6.14	47.85	45.84
25 ft. So. of Cedar				
W. side		1.67		46.18
Cent		1.45		46.40
1/4		1.40		46.35
C.		0.20		47.65
1/4		0.0		47.85
Cent		0.0		47.85
E. side		0.0		47.85
50 ft. So. of Cedar				
E. side		0.67		47.18
Cent		0.67		47.18
1/4		0.67		47.18
C.		1.11		46.74
1/4		1.76		46.09
Cent		1.95		45.90
W. side		1.85		46.00

to Kalmia

75 ft. So. of Cedar				
W. line		2.54	47.85	45.31
Cent		1.72		46.13
1/4		2.43		45.42
C.		1.48		46.37
~~Cent~~ 1/4		1.45		46.40
Cent		1.45		46.40
E. line		1.45		46.40
100 ft. So. of Cedar				
E. line		1.55		46.30
Cent		1.50		46.35
1/4		1.50		46.35
C.		1.75		46.10
1/4		2.64		45.21
Cent		3.51		44.34
W. line		3.35		44.50
125 ft. So. of Cedar				
W. line		4.07		43.78

Cent	4.22	47.85	43.63
1/4	3.47		44.38
C.	2.56		45.29
1/4	1.27		46.58
Cent	1.20		46.65
E. line	1.20		46.65
150 ft. So. of Cedar			
E. line	2.60		45.25
Cent	2.64		45.21
1/4	2.67		45.18
C.	3.45		44.40
1/4	4.23		43.62
Cent	4.90		42.95
W. line	4.70		43.15
175 ft. So. of Cedar			
W. line	5.47		42.38
Cent	5.54		42.31
1/4	4.96		42.99

C.	4.24	47.85	43.61
1/4	3.34		44.51
Cent	3.30		44.55
E. line	3.30		44.55
200 ft. So. of Cedar			
E. line	3.80		44.05
Cent	3.80		44.05
1/4	3.83		44.02
C.	4.55		43.50
1/4	5.58		42.27
Cent	6.23		41.62
W. line	6.00		41.85
225 ft. So. of Cedar			
W. line	6.57		41.18
Cent	6.60		41.25
1/4	6.27		41.58
C.	5.50		42.35
1/4	4.85		43.00

Columbia, H to Kalmia

Curb		4.85	47.85	43.00
E. line		4.85		43.00
	250 ft. So. of Cedar			
E. line		5.20		42.55
Curb		5.30		42.55
1/4		5.33		42.52
C.		6.27		41.58
1/4		6.80		41.05
Curb		6.96		40.89
W. line		7.04		40.81
	275 ft. So. of Cedar			
W. line		7.40		40.45
Curb		7.30		40.55
1/4		7.30		40.55
C.		6.63		41.22
1/4		5.60		42.25
Curb		5.60		42.25
E. line		5.60		42.25

T.P.	2.31	7.81	47.85 42.35	40.04
	No. side of Beech			
W. line		2.30		40.05
Curb		2.07		40.28
1/4		1.85		40.50
C.		1.43		40.92
1/4		0.37		41.98
~~E. line~~ Curb		0.45		41.90
E. line		0.40		41.95
	Curb line No. side of Beech			
E. line		0.87		41.48
Curb		1.37		40.98
1/4		1.63		40.72
C.		2.25		40.10
1/4		2.68		39.67
Curb		2.95		39.40
W. line		2.83		39.52

Columbia St

Center line of Beach			
W. line	2.65	42.35	39.70
Curb	2.22		40.12
1/4	1.77		40.58
C.	1.55		40.80
1/4	1.17		40.18
Curb	0.87		41.48
E. line	0.60		41.75
Curb line So. side of Beach			
E. line	1.70		40.65
Curb	2.23		40.13
1/4	2.25		40.10
C.	2.83		39.52
1/4	3.03		39.32
Curb	3.55		38.80
W. line	3.77		38.58
So. line of Beach			
W. line	3.46		38.89

to Kalmia

Curb	3.18	42.35	39.17
1/4	2.87		39.48
C.	2.21		40.14
1/4	2.23		40.12
Curb	2.10		40.25
E. line	1.57		40.78
25 ft. So. of Beach			
E. line	1.62		40.73
Curb	2.35		40.00
1/4	2.39		39.99
C.	2.17		40.18
1/4	3.10		39.25
Curb	3.48		38.87
W. line	3.60		38.75
50 ft. So. of Beach			
W. line	3.81		38.54
Curb	3.77		38.58
1/4	3.10		39.25

C.	2.82	42.35	39.53
1/4	2.67		39.68
Curb	2.40		39.95
E. line	1.94		40.41
75 ft. So. of Beech			
E. line	2.31		40.04
Curb	2.85		39.50
1/4	2.92		39.43
C.	3.21		39.14
1/4	3.45		39.90
Curb	4.18		38.17
W. line	3.80		38.55
100 ft. So. of Beech			
W. line	4.07		38.28
Curb	4.65		38.70
1/4	4.12		38.23
C.	3.90		38.45
1/4	3.53		38.82

Curb	3.22	42.35	39.13
E. line	2.32		40.03
125 ft. So. of Beech			
E. line	2.50		39.85
Curb	3.93		38.42
1/4	4.07		38.28
C.	3.98		38.37
1/4	4.40		37.95
Curb	5.00		37.35
W. line	4.56		37.79
150 ft. So. of Beech			
W. line	4.82		37.53
Curb	5.62		36.73
1/4	4.98		37.37
C.	4.57		37.78
1/4	4.47		37.88
Curb	4.46		37.89
E. line	3.18		39.17

Columbia St

175 ft. So. of Beech

E. line	4.68	42.35	37.67
Curb	5.20		37.15
1/4	5.80		36.55
C.	5.45		36.90
1/4	5.78		36.57
Curb	6.25		36.10
W. line	5.35		37.00

200 ft. So. of Beech

W. line	5.86		36.49
Curb	7.10		35.25
1/4	6.40		35.95
C.	6.24		36.11
1/4	6.27		36.08
Curb	6.33		36.02
E. line	5.37		36.98

225 ft. So. of Beech

E. line	6.05		36.30

to Kalmia

Curb	6.95	42.35	35.40
1/4	7.15		35.20
C.	7.00		35.35
1/4	7.20		35.15
Curb	7.85		34.50
W. line	7.00		35.35

250 ft. So. of Beech

W. line	7.40		34.95
Curb	8.47		33.88
1/4	7.88		34.47
C.	7.67		34.68
1/4	7.87		34.48
Curb	7.68		34.67
E. line	7.05		35.30

275 ft. So. of Beech

E. line	8.95		33.40
Curb	9.14		33.21
1/4	9.10		33.25

b.		8.95	42.35	34.40
1/4		8.60		33.75
Curb		9.13		33.22
W. line		8.70		33.65
No. line of Ash				
W. line		10.04		32.31
Curb		10.00		32.35
1/4		10.13		32.22
b		9.65		32.70
1/4		9.59		32.76
Curb		9.72		32.63
E. line		9.50		32.85
T.P.	1.85	9.13	35.07	33.22
Curb line No. side of Ash				
E. line		2.23		32.84
Curb		2.88		32.19
1/4		2.46		32.61
b.		2.78		32.29

1/4		3.23	35.07	31.84
Curb		3.57		31.50
W. line		3.53		31.54
Center line of Ash				
W. line		3.95		31.12
Curb		3.72		31.35
1/4		3.27		31.80
b.		2.97		32.10
1/4		2.80		32.27
Curb		2.50		32.57
E. line		2.37		32.70
Curb line So. side of Ash				
E. line		3.87		31.20
Curb		4.15		30.92
1/4		4.17		30.90
b.		4.06		31.01
1/4		4.32		30.75
Curb		4.46		30.61

Columbia, M

W. line	4.74	35.07	30.33
South line of Ash			
W. line	5.43		29.64
Curb	5.12		29.95
1/4	4.97		30.10
C.	4.94		30.13
1/4	5.06		30.01
Curb	4.56		30.51
E. line	4.05		31.02
25 ft. So. of Ash			
E. line	5.02		30.05
Curb	5.37		29.70
1/4	5.77		29.30
C.	5.33		29.74
1/4	6.00		29.07
Curb	6.10		28.97
W. line	6.47		28.60

to Kalma

50 ft. So. of Ash			
W. line	6.94	35.07	28.13
Curb	6.53		28.54
1/4	6.27		28.80
C.	5.98		29.09
1/4	5.93		29.14
Curb	5.63		29.44
E. line	4.60		30.47
75 ft. So. of Ash			
E. line	5.87		29.20
Curb	6.05		29.02
1/4	6.05		29.02
C.	6.15		28.92
1/4	6.45		28.62
Curb	7.20		27.87
W. line	7.20		27.87
100 ft. So. of Ash			
W. line	6.07		29.00

Columbia St

Curb	5.57	35.07	29.50
1/4	5.53		29.54
C.	5.38		29.69
1/4	5.55		29.52
Curb	5.33		29.74
E. line	4.75		30.32
125 ft. So. of Ash			
E. line	2.25		32.82
Curb	2.93		32.14
1/4	3.67		31.40
C.	4.03		31.04
1/4	4.63		30.44
Curb	5.28		29.79
W. line	5.78		29.29
150 ft. So. of Ash			
W. line	5.07		30.00
Curb	4.96		30.11
1/4	4.55		30.52

to Kalama

C.	3.65	35.07	31.42
1/4	3.12		31.95
Curb	2.64		32.41
E. line	2.18		32.89
175 ft. So. of Ash			
E. line	2.17		32.90
Curb	2.97		32.10
1/4	3.35		31.72
C.	3.67		31.40
1/4	4.31		30.76
Curb.	4.70		30.37
W. line	4.90		30.17
200 ft. So. of Ash			
W. line	5.45		29.62
Curb	5.27		29.80
1/4	4.68		30.39
C.	4.13		30.94
1/4	3.60		31.47

Columbia H

Cent	3.57	35.07	31.50
E. line	3.01		32.06
225 ft. So. of Ash			
E. line	3.33		31.74
Cent	3.93		31.14
1/4	4.33		30.74
b.	4.66		30.41
1/4	5.22		29.85
Cent	5.77		29.30
W. line	5.91		29.16
250 ft. So. of Ash			
W. line	6.37		28.70
Cent	6.32		28.75
1/4	5.82		29.25
b.	5.15		29.92
1/4	5.07		30.00
~~E. line~~ Cent	4.63		30.44
E. line	4.15		30.92

to Kaluwa

275 ft. So. of Ash				
E. line		5.27	35.07	29.80
Cent		5.62		29.45
1/4		6.05		29.02
b.		6.05		29.02
1/4		6.50		28.57
Cent		7.20		27.87
W. line		7.15		27.92
No. line of a.				
W. line		7.85		27.22
Cent		8.23		26.84
1/4		7.73		27.34
b.		7.13		27.94
1/4		7.17		27.90
Cent		7.20		27.87
E. line		6.21		28.86
T.P.	1.34	7.20	29.21	27.87

Columbia St

	Curb line No. side of a.		
E. line	1.67	29.21	27.54
Curb	2.11		27.10
1/4	2.42		26.79
C.	2.27		26.94
1/4	2.80		26.41
Curb	2.95		26.26
W. line	2.81		26.40
	Center line of a.		
W. line	2.55		26.66
Curb	2.22		26.99
1/4	2.21		27.00
C.	2.04		27.17
1/4	1.80		27.41
Curb.	1.67		27.54
E. line	1.37		27.84
	Curb line So. side of a.		
E. line	1.91		27.30

to Kalama.

Curb	2.28	29.21	26.93
1/4	2.38		26.83
C.	2.54		26.67
1/4	2.71		26.50
Curb	2.92		26.29
W. line	3.17		26.04
	So. line of a.		
W. line	2.85		26.36
Curb	2.98		26.23
1/4	2.85		26.36
C.	2.16		27.05
1/4	2.30		26.91
Curb	1.80		27.41
E. line	0.98		28.23
	25 ft. So. of a.		
E. line	1.10		28.11
Curb	2.07		27.14
1/4	2.67		26.54

Columbia St

b.	3.15	29.21	25.06
1/4	3.39		25.82
Curb.	3.10		26.11
W. line	3.72		25.49
50 ft. So. of a.			
W. line	4.08		25.13
Curb	3.85		25.36
1/4	3.95		25.26
b.	3.53		25.68
1/4	3.00		26.21
Curb	2.64		26.57
E. line	1.16		28.05
75 ft. So. of a.			
E. line	2.55		26.66
Curb	3.17		26.04
1/4	3.48		25.73
b.	3.94		25.27
1/4	4.31		24.90

to Kalama.

Curb	4.70	29.21	24.51
W. line	4.85		24.36
100 ft. So. of a.			
W. line	5.75		23.46
Curb	5.67		23.54
1/4	5.05		24.16
b.	4.68		24.53
1/4	4.45		24.76
Curb	4.05		25.16
E. line	3.54		25.67
125 ft. So. of a.			
E. line	4.45		24.56
Curb	4.43		24.78
1/4	5.10		24.11
b.	5.70		23.51
1/4	6.14		23.07
Curb	6.80		22.41
W. line	6.27		22.94

Columbia St

			29.21	
T.P.	3.87	6.35	~~26.73~~	22.86
150 ft. So. of a.				
W. line		4.77		21.96
Curb		4.77		21.96
1/4		4.47		22.26
b.		4.07		22.66
1/4		3.73		23.00
Curb		3.00		23.73
E. line		2.32		24.41
175 ft. So. of a.				
E. line		3.62		23.11
Curb		3.75		22.98
1/4		4.25		22.48
b.		4.69		22.04
1/4		4.82		21.91
Curb		5.35		21.38
W. line		5.35		21.38

to Kalama.

200 ft. So. of a.				
W. line		5.73	26.73	21.00
Curb		5.88		20.85
1/4		5.20		21.53
b.		4.70		22.03
1/4		4.60		22.13
Curb		4.18		22.55
E. line		3.48		23.25
225 ft. So. of a.				
E. line		3.73		23.00
Curb		4.38		22.35
1/4		5.05		21.68
b.		5.27		21.46
1/4		5.58		21.23
Curb		6.33		20.40
W. line		6.52		20.21
250 ft. So. of a;				
W. line		6.80		19.93

Columbia, St

Curb	6.34	26.73	19.39
1/4	6.55		19.18
b.	6.12		20.61
1/4	5.97		20.76
Curb	4.95		21.78
E. line	4.33		22.40
275 ft. So. of a,			
E. line	5.05		21.68
Curb.	5.54		21.19
1/4	5.41		21.32
b.	5.68		21.05
1/4	5.90		20.83
Curb	6.24		20.49
W. line	6.93		19.80
No. line of B.			
W. line	5.62		21.11
Curb	5.58		21.05
1/4	5.15		21.58

to Kalmia

b.	4.93	26.73	21.80
1/4	4.69		22.04
Curb	4.13		22.60
E. line	~~4.34~~ 4.07		22.66
T.P.	4.34		22.39

Tuesday. June 18-1901

d'Hemecourt
Kennistan
Watson

T.P.	3.03	25.42	22.39
Curb line No. side of B.			
E side	3.00		22.42
Curb	3.26		22.16
1/4	3.51		21.91
b.	3.66		21.76
1/4	3.92		21.50
Curb	4.37		21.05
W side	4.51		20.91

Columbia St to Kalama

Center line of B.

W. line	4.43	25.42	21.01
Curb	4.12		21.30
1/4	3.84		21.58
C.	3.54		21.88
1/4	3.28		22.14
Curb	3.06		22.36
E. line	2.83		22.59

Curb line, So. side of B.

E. line	3.18	22.24
Curb	3.52	21.90
1/4	3.51	21.91
C.	3.71	21.71
1/4	4.06	21.36
Curb	4.80	20.62
W. line	4.82	20.60

So. line of B.

W. line	4.47	20.95

Curb	4.38	25.42	21.04
1/4	4.41		21.01
C.	3.60		21.82
1/4	3.57		21.85
Curb	3.22		22.20
E. line	3.16		22.26

25 ft. So. of B

E. line	5.26	20.16
Curb	4.75	20.67
1/4	4.80	20.62
C.	4.50	20.92
1/4	4.94	20.48
Curb	4.76	20.66
W. line	4.73	20.69

50 ft. So. of B.

W. line	4.92	20.50
Curb	4.73	20.69
1/4	5.22	20.20

Columbia St to Kalama

C.	5.11	25.42	20.31
1/4	4.83		20.59
Curb	4.67		20.75
E. line	5.18		20.24
75 ft. So. of B.			
E. line	4.65		20.77
Curb	4.39		21.03
1/4	4.71		20.71
C.	4.88		20.54
1/4	5.04		20.38
Curb	5.43		19.99
W. line	5.25		20.17
100 ft. So. of B.			
W. line	5.87		19.55
Curb	5.49		19.93
1/4	5.23		19.19
C.	4.98		20.44
1/4	4.55		20.87

Curb	4.38	25.42	21.04
E. line	4.59		20.83
125 ft. So. of B.			
E. line	4.04		21.38
Curb	4.45		20.97
1/4	4.95		20.47
C.	5.27		20.15
1/4	5.25		20.17
Curb	5.12		20.30
W. line	5.50		19.92
150 ft. So. of B.			
W. line	5.40		20.02
Curb	5.10		20.32
1/4	4.95		20.47
C.	5.05		20.37
1/4	4.92		20.50
Curb	4.42		21.00
E. line	4.10		21.32

175 ft. So. of B.

E. line	3.83	25.X2	21.59
Curb	4.32		21.10
1/4	4.68		20.74
C.	4.77		20.65
1/4	4.78		20.64
Curb	4.85		20.57
W. line	5.20		20.22

200 ft. So. of B.

W. line	5.06		20.36
Curb	4.75		20.67
1/4	4.77		20.65
C.	4.75		20.67
1/4	4.48		20.94
Curb	4.35		21.07
E. line	3.95		21.47

225 ft. So. of B.

E. line	3.87		21.55

Curb	4.33	25.X2	21.09
1/4	4.67		20.75
C.	4.83		20.59
1/4	4.88		20.54
Curb	5.02		20.40
W. line	5.15		20.27

250 ft. So. of B

W. line	5.26		20.16
Curb	4.98		20.44
1/4	4.84		20.58
C.	4.98		20.44
1/4	4.71		20.71
Curb	4.38		21.04
E. line	3.83		21.59

275 ft. So. of B.

E. line	4.05		21.37
Curb	4.33		21.09
1/4	4.81		20.61

b		4.96	25.42	20.46
1/4		5.08		20.34
Curb		5.15		20.27
W. line		5.42		20.00
T.P.	3.08	4.45	24.05	20.97

North line of "b."

W. line		3.30		20.75
Curb		3.60		20.45
1/4		3.66		20.39
b.		3.40		20.65
1/4		3.43		20.62
Curb		2.65		21.40
E. line		2.23		21.82

Curb line No. side of b.

E. line		2.45		21.60
Center		2.95		21.10
Curb		3.40		20.65
1/4		3.75		20.30

b.		3.80	24.05	20.25
1/4		3.83		20.22
Curb.		4.13		19.92
W. line		3.55		20.50
		4.10		19.95

Center line of "b."

W. line		4.00		20.05
Curb		3.75		20.30
1/4		3.50		20.55
b.		3.22		20.83
1/4		3.05		21.00
Curb		3.02		21.03
E. line		3.05		21.00

Curb line So. side of "b"

E. line		2.60		21.45
Curb		3.10		20.95
1/4		3.20		20.85
b.		3.20		20.85

Columbia, St

1/4	3.83	24.05	20.22
Curb	4.18		19.87
W. line	3.74		20.31
So. line of C.			
W. line	3.57		20.48
Curb	3.60		20.45
1/4	3.72		20.33
C.	3.02		21.03
1/4	3.13		20.92
Curb	2.52		21.53
E. line	1.95		22.10
25 ft. So. of C.			
E. line	2.44		21.61
Curb	2.78		21.27
1/4	3.52		20.53
C.	3.87		20.18
1/4	4.15		19.90
Curb	4.33		19.72

to Kalmia.

W. line	4.38	24.05	19.67
50 ft. So. of C.			
W. line	4.20		19.85
Curb	4.32		19.72
1/4	4.05		20.00
C.	4.08		19.97
1/4	3.73		20.32
Curb	3.34		20.71
E. line	3.17		20.88
75 ft. So. of C.			
E. line	3.51		20.54
Curb	3.78		20.27
1/4	4.05		20.00
C.	4.43		19.62
1/4	4.42		19.63
Curb	4.45		19.60
W. line	4.65		19.40

Columbia, N to Kalmia.

	100 ft. So. of C.		
W. line	4.96	24.05	19.11
Curb	4.95		19.10
1/4	4.83		19.22
C.	4.87		19.18
1/4	4.55		19.50
Curb	4.32		19.73
E. line	3.57		20.48
	125 ft. So. of C.		
E. line	3.75		20.30
Curb	3.98		20.07
1/4	4.14		19.91
C.	5.00		19.05
1/4	5.18		18.87
Curb	5.22		18.83
W. line	5.05		19.00
	150 ft. So. of C.		
W. side	5.35		18.70
Curb	5.40	24.05	18.65
1/4	4.90	24.05	19.15
C.	4.93		19.12
1/4	4.18		19.87
Curb	4.22		19.83
E. side	3.92		20.12
	175 ft. So. of C.		
E. side	4.13		19.92
Curb	4.60		19.45
1/4	4.45		19.60
C.	5.05		19.00
1/4	5.00		19.05
Curb	5.27		18.78
W. side	5.44		18.61
	200 ft. So. of C.		
W. side	5.83		18.22
Curb	5.63		18.42
1/4	5.60		18.45

Columbia, St

b.	5.43	24.05	18.62
1/4	4.96		19.09
Curb	4.90		19.15
E. line	4.73		19.32
225 ft. So. of b.			
E. line	5.10		18.95
Curb	5.17		18.88
1/4	5.41		18.61
b.	5.63		18.42
1/4	5.73		18.32
Curb	5.83		18.22
W. line	6.02		18.03
250 ft. So. of b.			
W. line	6.25		18.80
Curb	6.15		17.90
1/4	6.00		18.05
b.	6.00		18.05
1/4	5.77		18.32

to Kalmia.

Curb	5.37	24.05	18.68
E. line	5.23		18.82
North line of D.			
E. line	5.70		18.35
Curb	5.92		18.13
1/4	6.28		17.77
b.	6.23		17.82
1/4	6.75		17.30
Curb	6.85		17.20
W. line	6.57		17.52
T.P. a.B.M. at D.	4.35		19.70
	should be =		19.617

Thursday. June 19.62 1901.

Columbia St

B.M. India + H.	5.85		9.91	4.06
" Col. + H.	8.20	4.16	13.95 13.95	5.75

North side of St.

E. side	8.00	5.95
Curb	8.43	5.57
1/4	8.90	5.05
C.	8.63	5.32
1/4	9.05	4.90
Curb	8.95	5.00
W. line	8.43	5.52

25 ft. No. of St.

W. line	7.95	6.00
Curb	8.36	5.59
1/4	8.80	5.15
C.	8.53	5.42
1/4	8.65	5.30
Curb	8.46	5.49

to Kalma,

E. line	8.07	13.95	5.88

50 ft No. of St.

E. line	7.55	6.40
Curb	8.24	5.71
1/4	8.30	5.65
C.	8.33	5.62
1/4	8.36	5.39
~~Height line~~	8.20	5.65
W. line	7.80	6.15

75 ft. No. of St.

W. line	7.27	6.68
Curb	7.42	6.53
1/4	7.95	6.00
C.	7.77	6.22
1/4	7.96	5.99
Curb	8.05	5.90
E. line	6.95	7.00

Columbia, St

	100 ft. No. of St.		
E. line	6.63	13.95	7.32
Curb	7.30		6.65
1/4	7.77		6.18
C.	7.43		6.52
1/4	7.53		6.42
Curb	7.27		6.68
W. line	7.20		6.75
	125 ft. So. of St.		
W. line	6.93		7.02
Curb	7.05		6.90
1/4	7.45		6.50
C.	7.37		6.58
1/4	7.30		6.65
Curb	6.80		7.15
E. line	5.82		8.13
	150 ft. No. of St.		
E. line	6.00		7.95

to Kadunia,

Curb	6.75	13.95	7.20
1/4	7.20		6.75
C.	7.06		6.89
1/4	7.15		6.80
Curb	6.47		7.48
W. line	6.36		7.59
	175 ft. No. of St.		
W. line	5.87		8.08
Curb	6.46		7.49
1/4	6.90		7.05
C.	6.47		7.48
1/4	6.80		7.15
Curb	6.13		7.82
E. line	5.37		8.58
	200 ft. No. of St.		
E. line	4.82		9.13
Curb	5.62		8.33
1/4	6.42		7.53

Columbia, St

b.	5.72	13.95	8.23
1/4	6.43		7.52
Curb	6.07		7.88
W. line	5.47		7.48
225 ft. No. of St.			
W. line	5.08		8.87
Curb	5.75		8.20
1/4	6.06		7.89
b.	5.32		8.63
1/4	5.88		8.07
Curb	5.12		8.83
E. line	4.77		9.18
250 ft. No. of St.			
E. line	4.60		9.35
Curb	5.02		8.93
1/4	5.56		7.39
b.	5.00		8.95
1/4	5.25		8.70

to Kalmia.

Curb	4.96	13.95	8.99
W. line	4.72		9.23
275 ft. No. of St.			
W. line	3.95		10.00
Curb	5.00		8.95
1/4	4.72		9.23
b.	4.55		9.40
1/4	5.06		8.89
Curb	4.63		9.32
E. line	4.06		9.89
So. line of G.			
E. line	3.42		10.52
Curb	4.10		9.85
1/4	4.50		9.45
b.	4.05		9.90
1/4	4.50		9.45
Curb	4.74		9.21
W. line	4.53		9.42

Curb line So. side of G.

W. line	4.96	13.95	8.99
Curb	4.78		9.17
1/4	4.52		9.43
C.	4.21		9.74
1/4	4.22		9.73
Curb	4.13		9.82
E. line	3.96		9.99

Center line of G.

E. line	2.80	11.15
Curb	2.85	11.10
1/4	3.04	10.91
C.	3.13	10.82
1/4	3.43	10.52
Curb	3.65	10.30
W. line	3.84	10.11

Curb line No. side of G.

W. line	4.15		9.80
Curb	3.88	13.95	10.07
1/4	3.73		10.22
C.	3.57		10.38
1/4	3.77		10.18
Curb	3.72		10.23
E. line	3.32		10.63

No. line of G.

E. line	2.85	11.10
Curb	3.40	10.55
1/4	3.25	10.70
C.	3.60	10.35
1/4	3.51	10.44
Curb (W.)	4.05	9.90

25 ft. No. of G.

W. Curb	4.25	9.70
1/4	3.43	10.52
C.	3.17	10.78
1/4	3.05	10.90

Curb	2.87	13.95	11.08
E line	2.23		11.72
50 ft. No. of G.			
E. line	1.73		12.22
Curb	2.54		11.41
1/4	2.87		11.08
C.	2.87		11.08
1/4	3.15		10.80
W. Curb	3.83		10.12
75 ft. No. of G.			
W. Curb	2.73		11.22
1/4	3.08		10.87
C.	2.65		11.30
1/4	2.66		11.29
Curb	2.07		11.88
E. line	1.50		12.45
100 ft. No. of G.			
E. line	1.57		12.38

Curb	2.05	13.95	11.90
1/4	2.72		11.23
C.	2.67		11.28
1/4	2.87		11.08
W. Curb	3.65		10.30
125 ft. No. of G.			
W. Curb	3.53		10.42
1/4	2.53		11.42
C.	2.44		11.51
1/4	2.43		11.52
Curb	1.81		12.14
E. line	1.33		12.62
150 ft. No. of G.			
E. line	0.73		13.22
Curb	1.47		12.48
1/4	2.30		11.65
C.	2.25		11.70
1/4	2.43		11.52

W. Curb		3.03	13.95	10.00
T. P.	6.64	2.67	17.92	11.28
		175 ft. No. of G.		
W. Curb		7.00		10.92
1/4		6.27		11.65
C.		6.05		11.87
1/4		6.00		11.92
Curb		4.98		12.99
E. line		3.93		13.99
		200 ft. No. of G.		
E. line		4.17		13.75
Curb		4.65		13.27
1/4		5.84		12.08
C.		5.85		12.07
1/4		5.84		12.08
W. Curb		7.00		10.92
		225 ft. No. of G.		
W. Curb		6.67		11.25
1/4		5.83	17.92	12.09
C.		5.67		12.25
1/4		5.40		12.52
Curb		4.40		13.52
E. line		4.30		13.62
		250 ft. No. of G.		
E. line		4.10		13.82
Curb		4.63		13.29
1/4		5.04		12.88
C.		5.43		12.49
1/4		5.83		12.09
Curb		6.45		11.47
		275 ft. No. of G.		
W. Curb		6.10		11.82
1/4		5.63		12.29
C.		5.18		12.74
1/4		5.05		12.87
Curb		4.10		13.82

E. line	3.13	17.92	14.79
So. line of F.			
E. line	3.65		14.27
Curb	4.20		13.72
1/4	4.85		13.07
C.	4.60		13.32
1/4	5.23		12.69
W. Curb	5.47		12.45
Curb line So. Side of F.			
W. line	5.73		12.19
Curb	5.70		12.22
1/4	5.37		12.55
C.	5.12		12.80
1/4	4.85		13.07
Curb	4.56		13.36
E. line	4.08		13.84
Center line of F.			
E. line	3.75		14.17

Curb	3.93	17.92	13.99
1/4	4.07		13.85
C.	4.33		13.59
1/4	4.65		13.27
Curb	4.88		13.04
W. line	5.15		12.77
Curb line No. side of F.			
W. line	5.58		12.34
Curb	5.93		11.99
~~C.~~ 1/4	5.33		12.59
C.	4.75		13.17
1/4	4.57		13.35
Curb	4.77		13.15
E. line	4.65		13.27

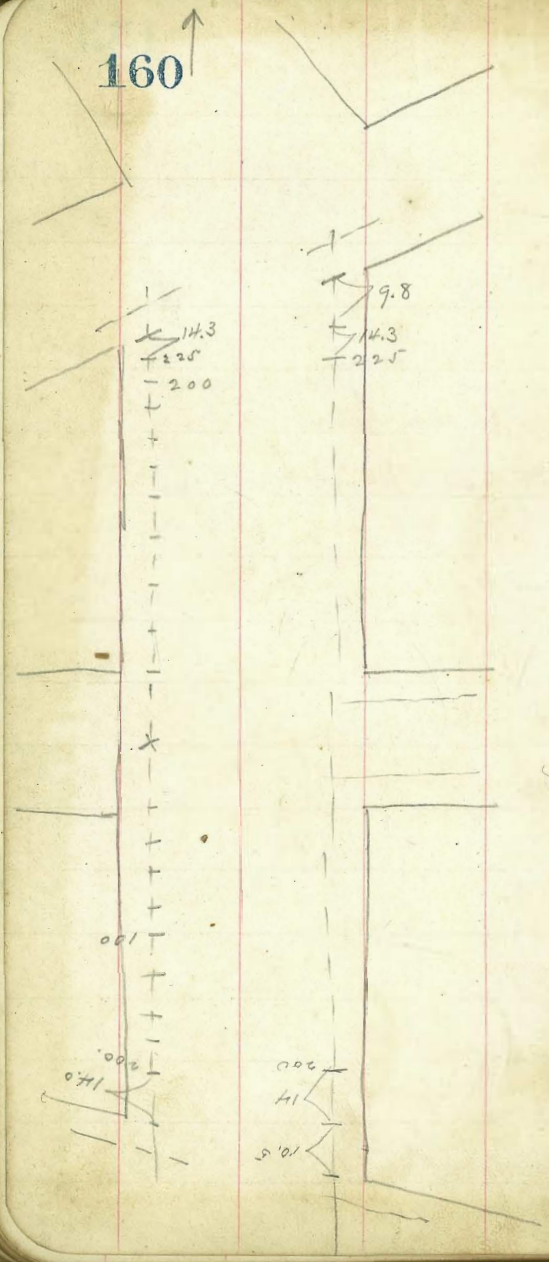
Notes of the continuation This Cross-section are ~~concluded~~ to be found in Book —

541.15

200
200
75
37.5
37.5
550 0

554.98

Center of Columbia Sun
Center of Elm to So. side of
Fir = 283.7



At Pavilion 18 pk to 7.00 from spike

Sp { Set up on S.E. Cor + set E + W. sides Sp. Block points 300' each way
At S. Side 1" St. S of Pavilion 7.36 from old plug
" N. " 7.35 measured in

S.W. Cor plug 6.85 –

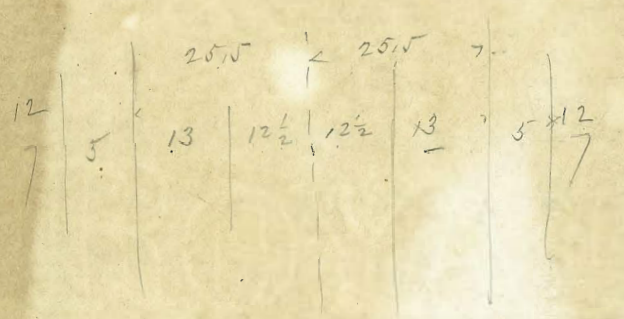
Monroe & Carolina

Set – S.E. Cor 7' out on Pipeline + SW by meas
measured in N.E. bet int. pts
S.E. Cor 7.35 rotten plugs.
Set up 140' E + sighted 140' path [illegible] + 140 W. [illegible]

7.13
Set N.E. Cor from sight 300 ft on same side
" NW " " " " " meas 80 ft
S.E. Cor meas in to int. points – 7.17 from old tack

1667
159.7

1131
Return to City Engineers Office
City Hall, San Diego, Cal.



Return to City Engineers Office
City Hall, San Diego, Cal.