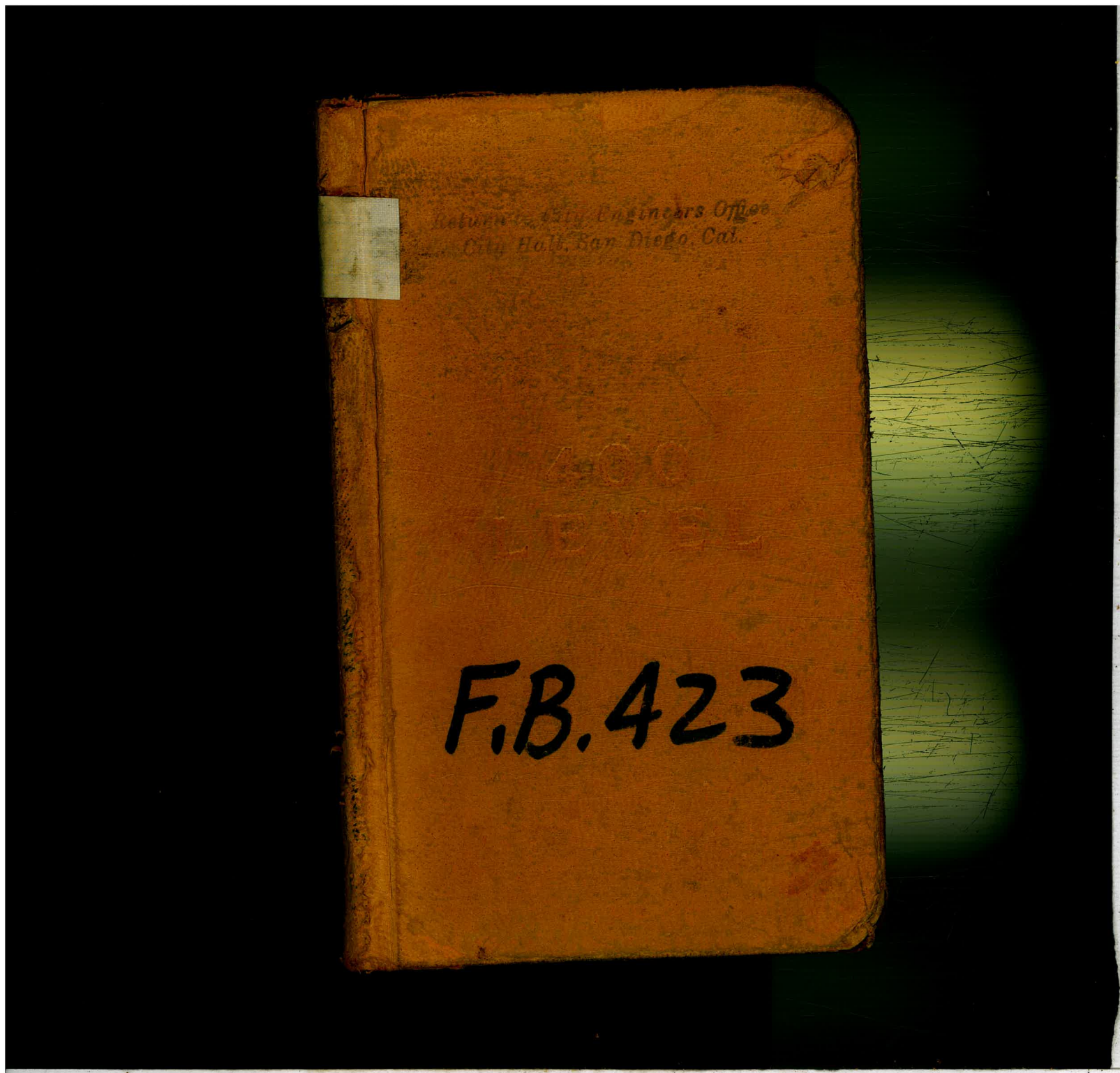
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City Hall, San Diego, Cal.
F.B. 423

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, and Mathematical Instruments, San Francisco.

Table showing the difference of latitu[illegible] and departure in running 80 chains at any course fr[illegible] minutes.

423

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
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

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MICROFILMED
DEC 10 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	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

10.536 – Conc. Mon. Wetherby & Hancock

65.10 Ch. Hub. Wetherby & 4th.

62.80 " N.L. Wetherby

McKee & Calif. 300' N of N.W. Cor. Spk in pole

70.387

cap tack 76.576

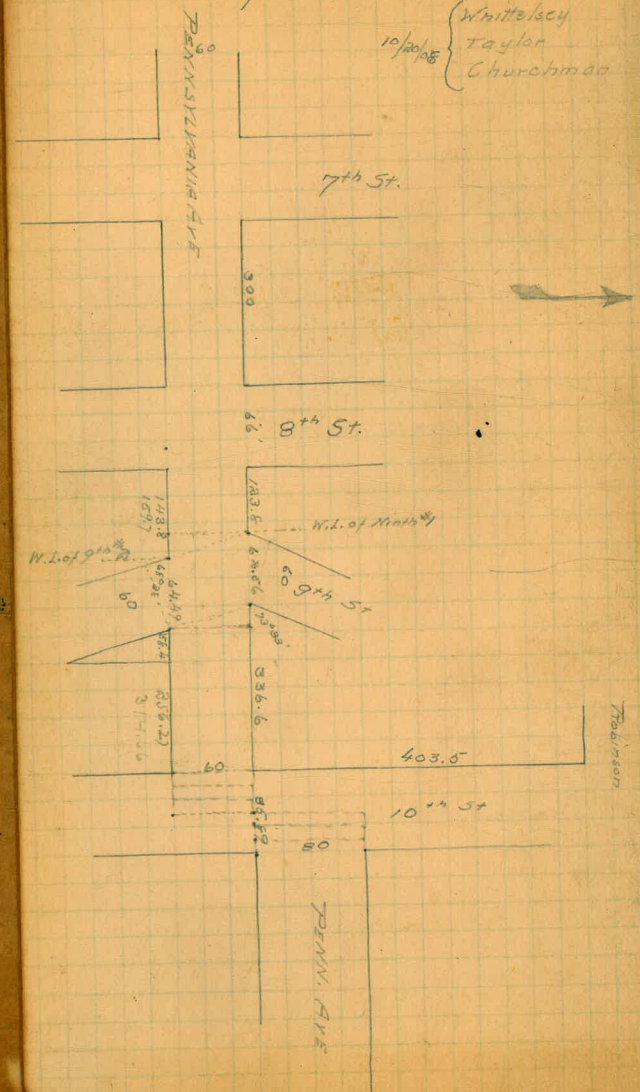
70.39
0.70
71.09
11.09
59.30

LOGINGS BOOK STORE 702 5TH ST., SAN DIEGO

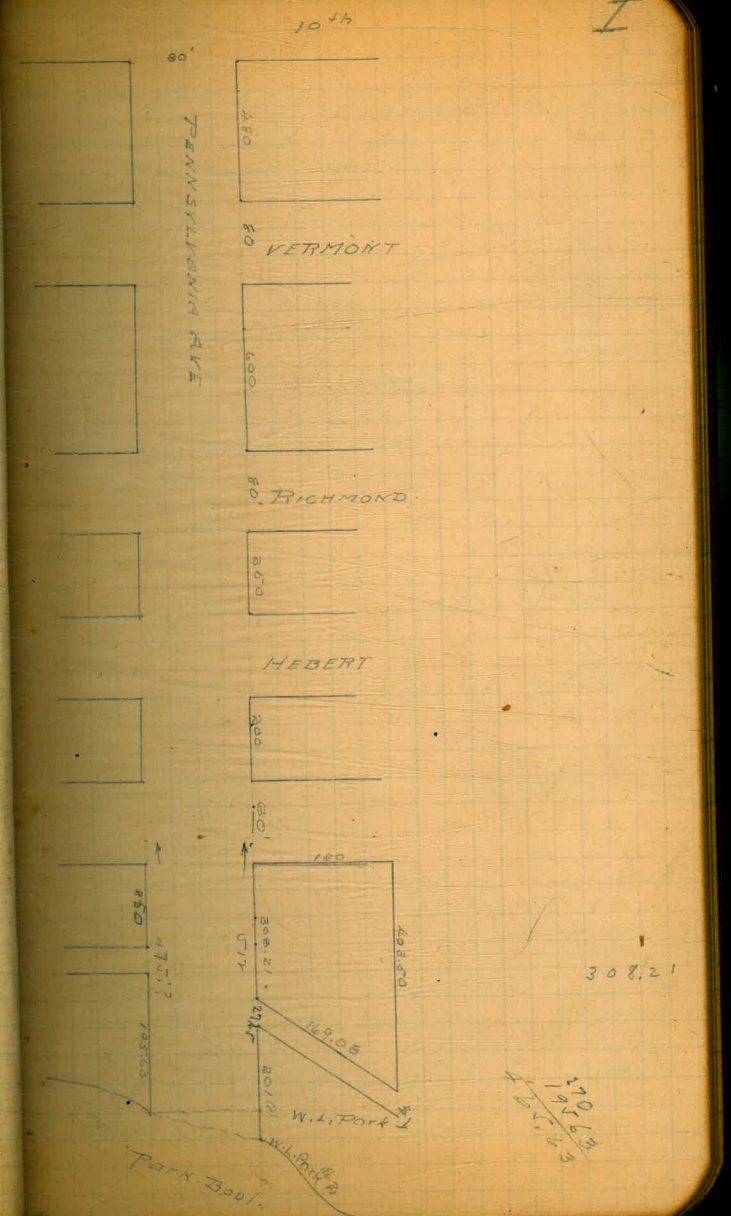
B. M. Calif & Harasthy S. E. Spkinpole 51. B36

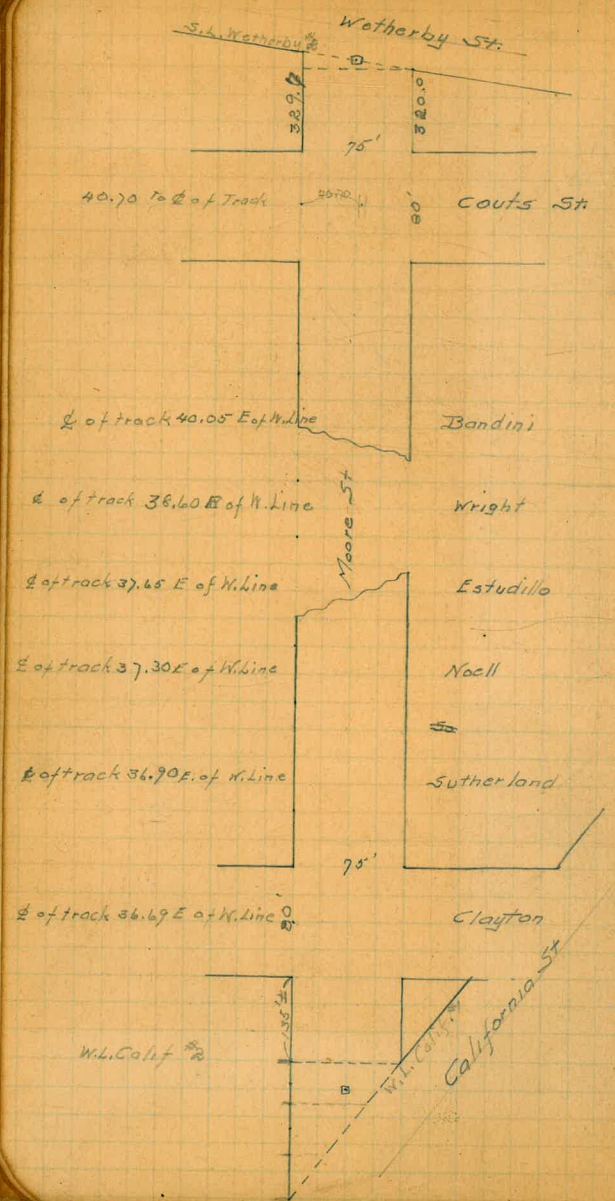
PLAT. Showing method of Xsec. of PENN AVE
7th to Park Boulevard.

10/20/08 { Whittelsey
Taylor
Churchman



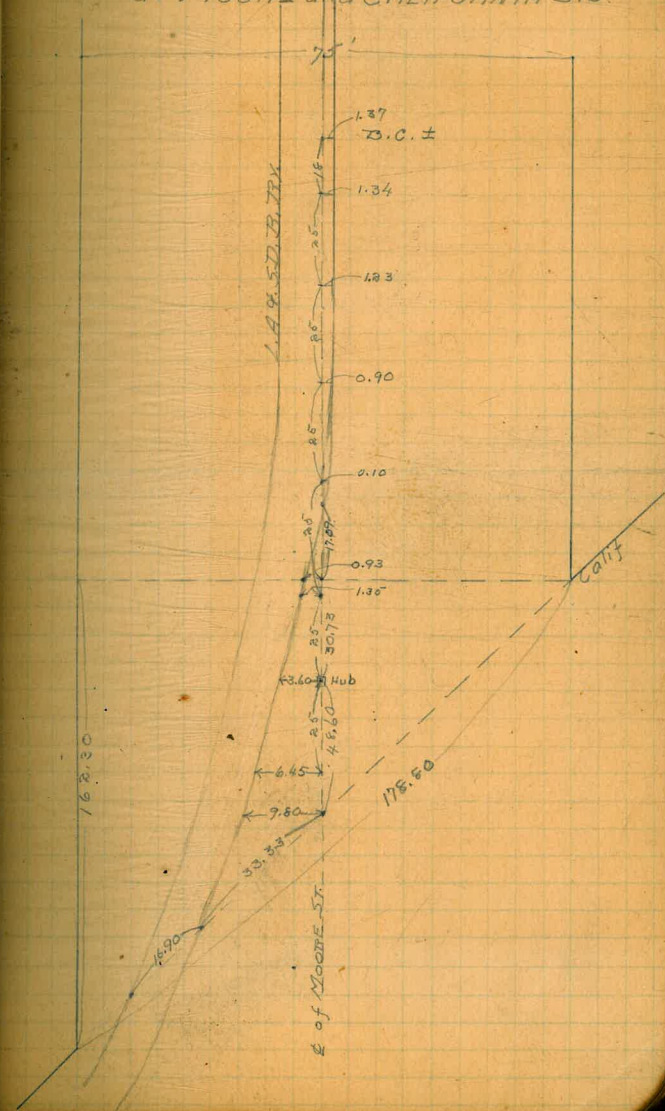
I



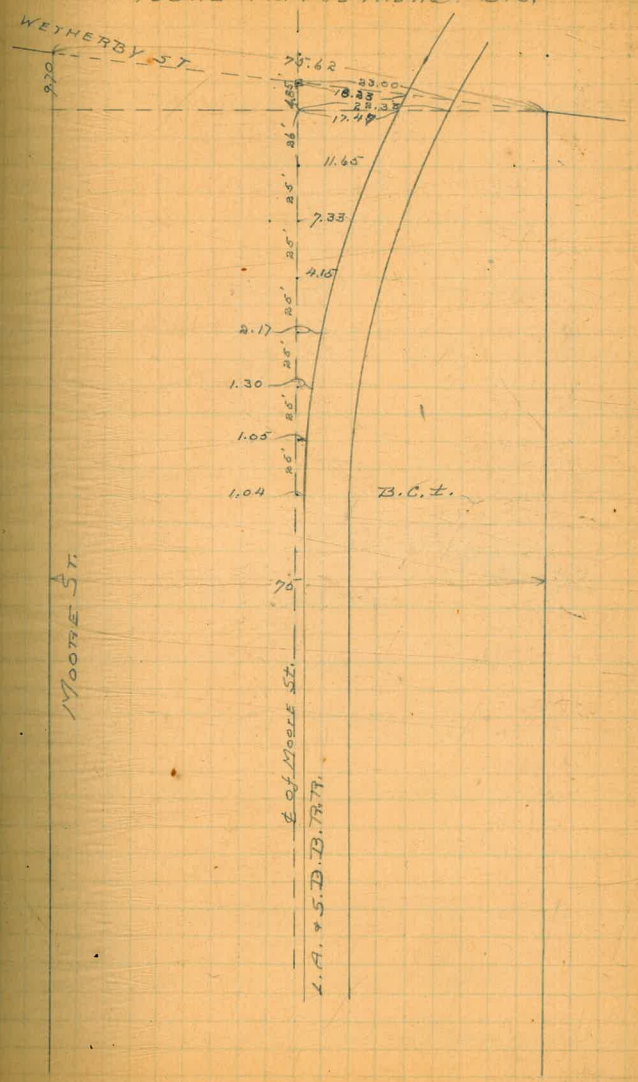


PLAT showing position of tracks II

at MOORE and CALIFORNIA Sts.



PLAT showing position of tracks at MOORE and WETHERBY Sts. III



B.M. N.W. Brs. Plg. 31st & Logan 73.967

X section 31st STREET. Logan to Colton

N. Line of Logan 73.967

W	7.70	61.78	5.10	76.6
C			7.70	74.0
¼			8.00	73.7
℄			7.60	74.1
¼			7.80	73.9
C			8.00	73.7
E			7.30	74.4

POSTED

25' S. of Logan

E			5.30	76.4
C			5.60	76.1
¼			5.10	76.6
℄			5.30	76.4
¼			5.50	76.2
C			4.60	77.1
W			4.10	77.6

31st = 60' wide

50' S. of Logan

W	81.72	3.40	78.3
C		3.40	78.3
¼		4.50	77.2
℄		4.20	77.5
¼		4.10	77.6
C		4.70	77.0
E		4.70	77.0

75' S. of Logan

E		4.70	77.0
C		4.70	77.0
¼		4.10	77.6
℄		4.00	77.7
¼		3.80	77.9
C		3.40	78.3
W		3.30	78.4

100' S. of Logan

W	81.7	3.50	78.2
C		3.50	78.2
¼		3.80	77.9
℄		4.30	77.4
¼		4.10	77.6
C		4.70	77.0
E		4.70	77.0

125' S. of Logan

E		4.90	76.8
C		4.90	76.8
¼		4.50	77.2
℄		4.80	76.9
¼		4.30	77.4
C		3.80	77.9
W		3.90	77.8

POSTED

150' S. of Logan

W	81.78	4.60	77.1
C		4.30	77.4
¼		4.30	77.4
¢		5.00	76.7
¼		4.30	77.4
C		4.00	77.2
E		4.60	77.1

175' S. of Logan

E		5.00	76.7
C		5.20	76.5
¼		5.50	76.2
¢		5.50	76.2
½		5.30	76.4
C		5.20	76.5
W		4.60	76.9

200' S. of Logan

W	81.7	5.40	76.3
C		5.60	76.1
¼		5.80	75.9
¢		5.90	75.8
¼		6.20	75.5
C		6.50	75.2
E		5.10	76.6

225' S. of Logan

E		5.80	75.9
C		7.00	74.7
¼		6.70	75.0
¢		6.60	75.1
¼		6.70	75.0
C		6.20	75.5
W		5.90	75.8

POSTED

250' S. of Logan

W	81.72	6.40	75.3
C		6.60	75.1
¼		7.10	74.0
℄		8.00	73.7
¼		8.00	73.7
C		7.60	74.1
E		6.60	75.2

285' S. of Logan

E		6.60	75.1
C		8.10	73.0
¼		8.10	73.0
℄		8.10	73.0
¼		8.40	73.3
C		7.80	73.9
W		7.10	74.6

300' S. of Logan = N.L. of National = 80' wide

W	81.72	9.20	72.5
C		9.30	72.4
¼		9.80	71.9
℄		10.00	71.7
¼		9.60	72.1
C		9.00	72.7
E		7.50	74.2
TR		11.59	70.13

National Grade 0.

S.L. of National 50' wide

E	2.51	78.64	0.10	82.5
C			2.00	70.6
¼			2.20	70.4
℄			2.30	70.3
¼			2.30	70.3
C			2.20	70.4
W			2.00	70.6

POSTED

	25' S. of National		
N	2.64	2.10	70.5
C		2.00	70.6
1/4		2.60	70.0
℄		2.60	70.0
1/4		2.30	70.3
C		1.90	70.9
E		1.00	71.6
	50' S. of National		
E		1.50	71.1
C		2.20	70.4
1/4		3.00	69.6
℄		3.40	69.2
1/4		3.50	69.1
C		3.00	69.6
W		2.10	69.5

	75' S. of National		
W	72.6	4.40	68.2
C		4.30	68.3
1/4		4.50	68.1
℄		4.40	68.2
1/4		3.80	68.8
C		3.30	69.3
E		2.20	70.4
	100' S. of National		
E		3.60	69.0
C		4.60	68.0
1/4		5.10	67.5
℄		5.40	67.2
1/4		5.50	67.1
C		5.40	67.2
W		5.50	67.1

POSTED

125' S. of National

W	72.64	6.60	66.0
C		6.70	65.9
¼		6.40	66.2
℄		6.30	66.3
¼		5.90	66.7
C		5.20	67.4
E		4.70	67.9

150' S. of National

E		5.50	67.1
C		6.20	66.4
¼		6.40	66.6
℄		7.20	65.4
¼		7.20	65.4
C		7.30	65.3
W		7.90	64.7

175' S. of National

W	72.64	8.90	63.7
C		8.70	63.9
¼		8.10	64.5
℄		8.10	64.5
¼		7.80	64.8
C		7.60	65.0
E		6.60	66.0

200' S. of National

E		7.80	64.8
C		8.70	63.9
¼		8.80	63.8
℄		9.10	63.5
¼		9.3[illegible]	63.3
C		9.80	62.8
W		9.90	62.7

POSTED

225' S. of National

W	72.64	11.10	61.5
C		10.90	61.7
¼		10.20	62.4
℄		10.10	62.5
¼		9.80	62.8
C		9.40	63.2
E		8.90	63.7

250' S. of National

E		10.00	62.6
C		10.50	62.1
¼		10.90	61.7
℄		11.10	61.5
¼		11.20	61.4
C		11.60	61.0
W		11.30	61.3

275' S. of National

W	72.64	12.40	60.2
C		12.30	60.3
¼		12.00	60.6
℄		11.80	60.8
¼		11.60	61.0
C		11.70	60.9
E		11.00	61.6

300' S. of National = N.L. of Grand

E		12.00	60.6
C		12.60	60.0
¼		12.30	60.3
℄		12.20	60.4
¼		12.50	60.1
C		12.80	59.8
W		12.60	60.0
		12.93	59.71

Grand 80' Wide
Graded

POSTED

	S.L. of Grand			59.71
W	0.43	60.14	1.00	59.1
C			1.60	58.5
¼			1.30	58.8
℄			1.10	59.0
¼			1.40	58.7
C			1.20	58.9
E			1.00	59.1
	25' S. of Grand			
E			2.00	58.1
C			2.00	58.1
¼			1.30	58.4
℄			1.50	58.6
¼			2.10	58.0
C			2.30	57.4
W			2.60	57.5

50' S. of Grand			
W	60.14	3.10	57.0
C		3.50	56.6
¼		2.50	57.6
℄		2.20	57.9
¼		2.30	57.8
C		2.60	57.5
E		2.60	57.5
75' S. of Grand			
E		3.50	56.6
C		3.50	56.6
¼		2.90	57.2
℄		3.00	57.14
¼		3.50	56.6
C		3.80	56.3
W		3.90	56.2

	100' S. of Grand		
W	60.14	4.50	55.6
C		4.30	55.8
¼		3.90	56.2
℄		3.60	56.5
¼		3.70	56.4
C		3.70	56.4
E		3.50	56.6
	125' S. of Grand		
E		4.10	56.0
C		4.00	56.1
¼		4.20	55.9
℄		4.10	56.0
¼		4.30	55.8
C		4.90	55.2
W		4.90	55.2

	150' S. of Grand		
W	60.14	5.30	54.9
C		5.30	54.8
¼		4.80	55.3
℄		4.50	55.6
¼		4.60	55.5
C		4.60	55.5
E		4.50	55.6
	175' S. of Grand		
E		5.00	55.1
C		5.50	54.6
¼		5.10	55.0
℄		5.00	55.1
¼		5.20	54.9
C		6.00	54.1
W		5.80	54.3

POSTED

200' S. of Grand

W	60.14	6.20	53.9
℄		6.20	53.9
¼		6.80	54.3
℄		6.40	54.7
¼		6.50	54.6
C		6.40	54.7
E		6.60	54.6

225' S. of Grand

E		6.70	54.4
C		6.80	54.3
¼		6.90	54.2
℄		7.00	54.1
¼		6.40	53.7
C		6.30	53.8
W		6.70	53.4

250' S. of Grand

W	60.14	6.80	53.3
C		6.40	53.7
¼		6.60	53.5
℄		6.20	53.9
¼		6.40	53.7
C		6.10	54.0
E		6.70	54.4

275' S. of Grand

E		6.30	53.8
C		6.60	53.6
¼		6.70	53.4
℄		6.70	53.4
¼		7.00	53.1
C		7.70	52.4
W		7.70	52.4

300' S. of Grand = N.L. of Boston

W.	60.14	7.90	52.2
C		8.00	52.1
1/4		7.70	52.4
℄		7.30	52.8
1/4		7.10	53.0
C		7.40	52.7
E		7.00	53.1

N.C. of Boston = 80' wide

E		7.20	52.9
C		7.50	52.6
1/4		7.60	52.5
℄		7.50	52.6
1/4		7.70	52.4
C		8.30	51.8
W.		8.20	51.9

N 1/4 of Boston

W	60.14	8.70	51.4
C		8.50	51.6
1/4		8.10	52.0
℄		7.90	52.2
1/4		7.70	52.4
C		8.10	52.0
E		7.50	52.6

℄ of Boston

E		7.90	
C		8.30	
1/4		8.20	
℄		8.10	
1/4		8.30	
C		9.20	
W		9.40	

POSTED

S 1/4 of Boston

W	60.14	9.70
C		9.60
1/4		8.80
Q		8.50
1/4		8.40
C		8.40
E		8.00

S.C. of Boston

E		8.60
C		8.90
1/4		8.60
Q		8.70
1/4		9.10
C		9.70
W		9.80

S.L. of Boston

W		9.70
C		9.70
1/4		9.30
Q		8.90
1/4		8.90
C		9.20
E		8.90

25' S. of Boston

E		8.90
C		9.40
1/4		9.20
Q		9.40
1/4		10.00
C		9.90
W		10.20
		9.85 50.29

50' S. of Boston (50.29)

W	0.34	50.63	1.00
C			0.90
1/4			0.60
℄			0.30
1/4			0.20
C			0.40
E			0.10

75' S. of Boston

E	0.90
C	0.90
1/4	0.60
℄	0.70
1/4	1.20
C	1.30
W	1.30

100' S. of Boston

W	1.60
C	1.90
1/4	1.40
℄	1.00
1/2	1.10
C	0.90
E	0.50

125' S. of Boston

E	1.20
C	1.40
1/4	1.40
℄	1.50
1/4	2.00
C	1.50
W	1.70

	150' S. of Boston	
W	50.63	2.00
C		2.10
¼		2.30
℄		2.00
¼		2.00
C		1.40
E		1.20
	175' S. of Boston	
E		1.80
C		2.30
¼		2.50
℄		2.70
¼		3.20
C		3.20
W		2.80

	200' S. of Boston	
W		3.70
C		3.90
¼		3.50
℄		3.10
¼		2.80
C		3.00
E		1.90
	225' S. of Boston	
E		2.00
C		2.80
¼		4.00
℄		4.00
¼		4.60
C		5.10
W		4.20

POSTED

250' S. of Boston

W	50.63	5.10
C		5.40
½		5.00
¢		4.70
¼		4.50
C		3.60
E		2.50

(illegible) S. of Boston

E		4.60
C		4.60
¼		5.30
¢		5.20
¼		5.40
C		5.90
W		5.60

300' S. of Boston = N.L. of Main

W	5.70
C	6.00
¼	5.50
¢	5.50
¼	5.80
C	5.50
E	5.10

S.L. of Main

E	6.40
C	7.00
¼	7.20
¢	7.20
¼	7.30
C	7.10
W	6.60

Main = 80 wide
Graded

	25' S. of Main	
IV	50.63	12.90
C		7.70
1/4		7.50
℄		8.00
1/4		8.10
C		6.50
E		5.30
	50' S. of Main	
E		5.80
C		7.00
1/4		8.30
℄		8.30
1/4		7.90
C		8.40
W		8.80

	75' S. of Main	
W		8.60
C		8.20
1/4		8.00
℄		8.80
1/4		8.80
C		8.10
E		7.00
	100' S. of Main	
E		8.10
C		8.40
1/4		8.90
℄		9.00
1/4		9.30
C		8.90
W		9.00

	125' S. of Main	
W	50.63	9.90
C		10.20
¼		10.00
℄		9.60
¼		9.80
C		9.60
E		9.20
	150' S. of Main	
E		10.60
C		10.60
¼		10.70
℄		10.80
¼		10.70
C		10.90
W		11.00

	175' S. of Main	
W		11.80
C		11.60
¼		11.50
℄		11.40
¼		11.60
C		11.30
E		11.20
	200' S. of Main	
E		11.90
C		11.70
¼		12.00
℄		12.00
¼		12.20
C		12.30
W		12.20
	12.11	36.53

POSTED

		225' S. of Main	38.52
W	1.71	40.23	2.60
C			2.70
¼			2.30
¢			2.00
¼			2.10
C			1.80
E			1.90
		250' S. of Main	
E			2.50
C			2.30
¼			2.40
¢			2.40
¼			2.60
C			2.70
W			3.10

275' S. of Main	
W	3.70
C	3.50
¼	3.80
¢	3.00
¼	2.90
C	2.90
E	2.90
300' S. of Main = N.L. of Colton	
E	3.90
C	3.60
¼	3.50
¢	3.60
¼	3.70
C	3.90
W	4.00

Plotted

B.M. 6th & Penn N.W. Brass Plg 286.86
0.43
287.69
11.80
275.89

X sec. of PENNSYLVANIA AVE

7th to Park. Boul.

E.L. of 7th-

N	0.95	276.84	0.90	275.9
C			1.00	
1/4			0.50	
℄			0.30	276.5
1/4			0.50	
C			0.60	
S			0.50	276.3

25' E of 7th

S			1.80	275.0
C			1.60	
1/4			1.80	
℄			1.60	275.2
1/4			1.90	
C			2.00	
N			2.30	274.5

POSTED

276.84

50' E of 7th

N			3.20	273.6
C			3.30	
1/4			3.10	
℄			2.90	273.9
1/4			3.20	
C			3.00	
S			2.60	274.2

75' E. of 7th

S			4.20	272.6
C			4.40	
1/4			4.30	
℄			3.90	272.9
1/4			4.00	
C			4.40	
N			3.90	272.9

POSTED

100' E of 7th

N	276.84	4.60	272.2
C		5.20	
1/4		5.20	
℄		4.90	271.9
1/4		5.30	
C		5.90	
S		4.90	271.9

125' E. of 7th

S		6.90	269.9
C		6.60	
1/4		6.10	
℄		5.90	270.9
1/4		6.00	
C		5.60	
N		5.00	271.8

150' E of 7th

N		6.00	270.8
C		6.20	
1/4		6.50	
℄		7.20	269.6
1/4		7.30	
C		7.30	
S		7.70	269.1

175' E of 7th

S		9.50	267.3
C		9.40	
1/4		10.20	
℄		11.20	265.6
1/4		6.30	
C		5.90	
N		5.50	271.3

200' E of) th

N	276.84	5.50	271.3
C.		5.80	
¼		6.20	
℄		7.10	269.7
¼		11.40	
C		10.00	
S	264.36	7.30	257.1

225' E. of) th

S	264.36	6.10	258.3
C	276.84	14.10	
¼		9.80	
℄		7.40	269.4
¼		6.80	
C		6.30	
N		5.60	271.2
T.P.		13.10	263.74 *Z
	0.62	264.36	

250' E of) th

N	276.84	10.60	266.2
C		11.60	
¼		13.20	
℄		10.90	260.9
¼	264.36	6.50	
C		8.10	
S		10.70	253.7

275' E of) th

S	252.24	8.40	243.8 POB.
C		4.20	
¼	264.36	13.50	
℄		11.70	252.7
¼		9.20	
C		7.60	
N		4.90	259.5
TP.		13.14	251.22 *R
	1.02	252.24	

300' E of 7th = W.L. of 8th

N	252.24 ~~264.36~~	2.00	250.2
C		4.20	
1/4		5.60	
℄		7.50	244.7
1/4		10.40	
C		10.30	
S		5.60	246.6

8th = 66' wide 12" walks

W.C. of 8th

S		2.70	249.5
C		8.00	
1/4		12.60	
℄		12.60	239.6
1/4		9.70	
C		7.00	
N		4.80	247.4

W. 1/4 of 8th

N	252.24	9.00	243.2
C		10.90	
1/4		13.70	
℄		14.10	238.1
1/4		9.80	
C		5.50	
S	264.36	11.70	252.7

℄ of 8th

S		12.10	252.3
C	252.24	3.30	248.
1/4		8.20	
℄		12.10	240.1
1/4	239.52	1.60	
C	239.52	2.70	
N	252.24	12.50	239.7
T.P.		13.05	239.19 #3
	0.33	239.52	

POSTED

E ¼ of 8 th

N.	239.52	1.80	237.7
C		4.20	
¼		0.20	
℄	252.24	10.60	241.6
¼		6.50	
C		1.60	
S	264.36	8.20	256.2

E.C. of 8 th

S		7.90	256.√
C	252.24	1.90	
¼		4.10	
℄		9.90	242.3
¼		13.40	
C	239.52	5.50	
N		4.00	235.√

E.L. of 8 th

N	239.52	5.80	233.7
C		5.70	
¼	252.24	18.00	
℄		9.10	243.1
¼		3.70	
C	264.36	12.40	
S	264.36	8.00	256.4

25' E. of 8 th

S	264.36	7.70	256.7
C		12.70	
¼	252.24	6.10	
℄		9.70	242.√
¼		12.70	
C	239.52	5.30	
N		8.60	230.9

50' E. of 8th

N	239.52	10.70	228.8
C		6.60	
¼		2.20	
¢	252.24	10.80	241.4
¼		8.00	
C		3.60	
S	264.36	11.20	252.2

75' E. of 8th

S		15.00	249.4
C	252.24	8.00	
¼		10.10	
¢		13.80	238.4
¼	239.52	4.60	
C		8.00	
N		12.30	227.2

100' E. of 8th

N	239.52	14.20	225.3
C		10.70	228.8
¼		6.70	
¢		4.20	235.3
¼		0.40	
C		+3.00	
S		+3.00	242.5

183.8' E. of 8th = N.1. of 9th No1.

S		4.40	235.1
C		5.10	
¼		7.40	
¢		10.10	229.4
¼		10.50	
C		12.60	
N		15.50	224.0

POSTED

W.L. of 9th No. 2

N		239.52	15.50	224.0
C			13.00	
1/4			12.30	
℄			12.00	227.5
1/4			10.90	
C			11.20	
S			11.70	227.8
			13.10	226.42 ±4

W.C. of 9th

S	2.50	226.92	8.00	220.9
C			7.80	
1/4			7.60	
℄			7.30	221.6
1/4			7.10	
C			6.50	
N			6.00	222.9

W 1/4 of 9th

N		228.92	6.20	222.7
C			6.70	
1/4			7.00	
℄			7.20	221.7
1/4			7.50	
C			7.90	
S			8.30	220.6

℄ of 9th

S			13.90	215.0
C			13.10	
1/4			12.10	
℄			11.20	217.7
1/4			10.40	
C			9.70	
N			8.50	220.4

POSTED

E ¼ of 9th

N	228.92	9.60	219.3
C		10.30	
¼		11.40	
¢		13.20	215.7
¼		11.50	
C		11.70	
S		12.90	216.9

E. C. of 9th

S		11.70	217.2
C		10.60	
¼		9.70	219.0
¢		9.80	219.1 ×
¼		10.20	
C		10.80	
N		11.80	217.4

E. L. of 9th No 1

N	228.92	9.80	219.1
C		9.20	
¼		8.70	
¢		8.90	220.0
¼		9.50	
C		10.40	
S		11.10	217.8

E. L. of 9th No. 2.

S		11.10	217.8
C.		9.80	
¼		8.40	
¢		7.20	221.7
¼		5.80	
C		5.10	
N		4.50	224.4

POSTED

		25' E of 9+00		
N		241.40	7.20	234.2
C			8.50	
¼			10.20	
℄		226.92	0.00	228.9
¼			2.30	
C			3.70	
S			6.00	222.9
			0.28	228.64
		50' E of 9+00		
S	12.86	241.40	11.00	230.4
C			7.90	
¼			5.20	
℄			3.40	238.0
¼			1.10	
C		254.42	11.80	
N			10.60	243.8
T.R		241.40	0.02	241.38 #6
	13.04	254.42		

		75' E of 9+00		
N		254.42	1.40	253.0
C			8.50	
¼			4.50	
℄			7.50	246.9
¼			10.30	
C			13.10	
S		241.40	1.50	239.9
		100' E of 9+00		
S			6.60	234.8
C			5.10	
¼			3.00	
℄			0.80	240.6
¼		267.11	9.80	
C			6.50	
N			4.30	262.8

POSTED

	125' E of 9+h		
N	267.11	+3.00	270.1
C		2.00	
¼		9.00	
¢		11.90	2√√.2
¼	254.42	1.50	
C		4.00	
S		6.30	248.1
	150' E of 9+h		
S		8.90	24√.√
C		6.50	
¼		3.60	
¢	267.11	10.80	2√6.3
¼		6.10	
C		1.20	
N		+3.40	270.√

	175' E of 9+h		
N	267.11	2.30	264.8
C		6.20	
¼		11.00	
¢	254.42	2.00	2√2.4
¼		8.70	
C		9.50	
S		13.30	241.1
	200' E of 9+h		142.68
S	0.11	24.79	√.30	237√
C			2.20	
¼		254.42	11.40	
¢			7.70	246.7
¼			3.50	
C			1.10	
N		267.11	8.90	2√8.2

225' E of 9th

N	254.42	1.70	252.7
C		4.50	
1/4		8.30	
℄		11.20	243.2
1/4	242.79	3.50	
C		6.50	
S		8.90	233.9

250' E of 9th

S		13.60	229.2
C		10.50	
1/4		7.10	235.7
℄		4.60	238.2 x
1/4	254.42	13.80	
C		10.00	
N		5.30	249.1

275' E of 9th

N	254.42	8.80	245.6	
C		12.80		
1/4	242.79	4.80		
℄		8.60	234.2	
1/4		12.80		
C		15.80		
S		13.40	229.4	

300' E of 9th

S		8.20	234.6	
C		10.40		
1/4		14.20		
℄		11.10	231.7	
1/4		5.90		
C		2.90		
N	254.42	11.00	243.4	
T.P.		11.74	242.68	#7, Hub. N.W. 10th + Penn
T.P.		0.19	254.23	#8
B	12.88	267.11		

Pennsylvania

314.66 E of 9th = W.L. 10th = 85.89 wide.

N	254.42	11.70	242.7
C	242.79	3.50	
¼		6.70	
℄		11.90	230.9
¼		12.50	
C		9.70	
S		6.90	23√.9

E.L. of 10th

S		4.60	238.2
C		0.30	
¼	255.36	11.60	243.8
℄		6.70	
¼		2.60	
C	267.41	11.00	
N		8.10	2√9.3

For Intersection see X sec. of 10th St

From W.L. 10th Penn. Ave. is 80' Wide

25' E of 10th

N	267.41	9.70	2√7.7
C	255.36	3.50	
¼		7.60	
℄		11.80	243.6 x
¼	242.79	2.50	240.3
C		5.30	
S		6.00	236.8

50' E of 10th

S	255.36	11.40	244.0
C	242.79	1.00	
¼		4.30	
℄	255.36	11.00	244.4
¼		7.40	
C		3.30	
N	267.41	10.10	2√6.7

POSTED

70' E of 10th

N	255.86	0.70	2√4.7
C		4.80	
1/4		8.50	
℄	242.79	0.00	242.8
1/4		2.00	
C	255.36	9.60	
S		4.70	2√0.7

100' E of 10th

S	267.41	11.30	2√6.1
C	255.36	4.00	
1/4		8.10	
℄	242.79	1.00	241.8
1/4	255.36	11.00	
C		6.40	
N		2.60	2√2.8
	242.79	0.16	242.63 #9
12.73	255.36	0.36	255.00 #10
12.41	267.41		

125' E. of 10th

N	255.36	4.30	2√1.1
C		7.20	
1/4		9.80	
℄		10.60	244.8
1/4		5.60	
C		1.70	
S	267.41	7.10	260.3

150' E of 10th

S		8.00	2√9.4
C		14.60	
1/4	255.36	6.40	
℄		9.80	24√.6
1/4		5.40	
C		1.30	
N		1.60	2√3.8

POSTED

		175' E of 10th		
N		267.41	5.90	261.5
C			10.80	
¼		255.36	0.80	
℄			4.70	250.7
¼			8.00	
C			3.70	
S		267.41	9.60	257.8
		200' E of 10th		
S			11.70	255.7
C		255.36	5.00	
¼			3.30	
℄		267.41	11.00	256.4
¼			6.70	
C			3.30	
N		280.27	11.50	268.8
		267.41	0.32	167.09 ??
	13.18	280.27		

		225' E of 10th		
N		280.27	6.00	274.3
C			8.60	
¼		267.41	1.10	
℄			5.30	262.1
¼			9.60	
C		255.36	1.80	
S			1.90	253.5
		250' E of 10th		
S			1.00	254.4
C		267.41	10.90	
¼			5.90	
℄			0.10	267.3
¼		280.27	6.60	
C			2.20	
N			0.70	279.6

	335' E of 10th		
N	280.27	1.40	278.9
C		2.30	
1/4		7.00	
℄		11.40	268.9
1/4	267.41	3.00	
C		8.40	
S		2.90	264.5
	350' E of 10th		
S	280.27	11.70	268.6
C	267.41	3.00	
1/4		4.30	
℄		0.50	266.9
1/4	280.27	13.10	
C		8.30	
N		5.70	274.6

	335' E of 10th		
IV	280.27	0.10	280.2
C		0.80	
1/4		4.00	
℄		10.50	269.8
1/4	267.41	3.50	
C		9.50	
S		10.60	256.9
	300' E of 10th		
S		7.30	260.1
C		7.90	
1/4		2.30	
℄	280.27	9.50	270.8
1/4		4.00	
C		0.80	
N		+0.20	280.5

	375' E of 10th		
N	280.27	7.20	R73.10
C		7.80	
¼		10.60	
℄	261.41	0.20	R67.2
¼		2.50	
C		1.20	
S	280.27	8.50	271.8
	400' E of 10th		
S		7.90	R72.4
C		12.20	
¼	267.41	0.40	
℄	280.27	11.00	R69.3
¼		7.80	
C		6.00	
N		4.80	R75.5

	425' E of 10th		
N	280.27	3.90	R76.4
C		5.00	
¼		6.50	
℄		7.80	R72.5
¼		7.50	
C		6.70	
S		6.80	R73.5
	450' E of 10th		
S		2.10	R78.20
C		0.50	
¼		0.10	
℄		0.20	280.1
¼		0.90	
C		1.80	
N.		1.30	R79.0
		0.00	280.27 ✱ 12
~~12.20~~	12.20	292.47	

Pennsylvania

≈92.47

25' E of Vermont

N		6.20	≈86.3
C		6.80	285.7
¼		7.00	285.5
¢		6.40	≈86.1
¼		7.10	285.4
C		7.80	284.7
S		7.50	≈86.0

50' E of Vermont

S		6.80	≈86.7
C		6.90	2856
¼		6.60	285.9
¢		6.00	≈86.0
¼		6.70	285.8
C		6.40	286.1
N		6.20	≈86.3

480' E of 10th = W.L. of Vermont

N	≈92.47	10.00	≈82.0
C		11.30	
¼		11.20	
¢		10.70	≈81.8
¼		10.80	
C		10.90	
S		11.80	≈80.7

E.L. of Vermont

S		8.20	≈84.3
C		8.60	283.9
¼		8.20	284.3
¢		7.70	≈84.8
¼		7.60	284.9
C		7.30	285.2
N		6.70	≈85.8

For Intersection see Xsec. of Vermont
Vermont = 80' Wide

292.47

50' E. of Vermont

N	292.47	0.30	287.2
C		0.60	286.9
¼		0.90	286.6
℄		6.20	286.3
¼		6.30	286.2
C		6.60	285.9
S		6.80	286.0

100' E. of Vermont

S		6.20	286.3
C		6.00	286.5
¼		0.40	287.1
℄		0.50	287.0
¼		0.60	286.9
C		0.20	287.3
N		4.80	287.7

292.47

125' E of Vermont

N		4.40	288.1
C		0.20	287.3
¼		0.00	287.5
℄		5.10	287.40
¼		0.20	287.3
C		0.40	287.1
S		0.50	287.0

150' E. of Vermont

S		4.90	287.6
C		4.80	287.7
¼		4.60	287.7
℄		4.70	287.8
¼		4.70	287.8
C		4.60	287.9
N		4.30	288.2

292.47

175' E of Vermont

N	292.47	4.00	288.5
C		3.70	288.8
¼		4.10	288.4
℄		4.50	288.0
¼		4.40	288.1
C		4.60	287.9
S		4.20	288.3

200' E of Vermont

S		4.20	288.3
C		4.40	288.1
¼		4.10	288.4
℄		4.10	288.4
¼		3.90	288.6
C		3.90	288.6
N		3.60	288.9

225' E of Vermont

N		3.50	289.0
C		3.50	288.7
¼		3.90	288.6
℄		4.10	288.4
¼		4.00	288.5
C		4.20	288.3
S		4.10	288.40

250' E of Vermont

S		4.00	288.50
C		3.80	288.7
¼		3.70	288.8
℄		4.00	288.5
¼		3.70	288.8
C		3.50	289.0
N		3.0	289.5

275' E of Vermont

N	292.47	3.60	288.9
C		3.40	289.1
1/4		3.30	289.2
¢		3.60	289.0
1/4		3.50	289.0
C		3.70	288.8
S		3.50	289.0

300' E of Vermont

S	3.30	289.2
C	3.50	289.0
1/4	3.50	289.0
¢	3.50	289.0
1/4	3.10	289.4
C	3.00	289.5
N	2.90	289.6

292.47 Pennsylvania

325' E of Vermont

N	3.30	289.2
C	3.20	289.3
1/4	3.60	288.9
¢	3.30	289.2
1/4	3.20	289.3
C	3.20	289.3
S	3.10	289.4

350' E of Vermont

S	3.70	288.8
C	3.90	288.6
1/4	3.70	288.8
¢	3.80	288.7
1/4	4.40	288.1
C	4.30	288.2
N	4.50	288.0

375' E of Vermont

N	292.47	6.00	286.5
C		6.30	286.2
1/4		6.70	285.8
¢		5.80	286.7
1/4		5.70	286.8
C		5.30	287.2
S		5.00	287.5

400' E of Vermont

S	9.90	282.6
C	10.80	281.7
1/4	12.70	279.8
¢	13.50	279.0
1/4	10.70	281.8
C	6.90	283.6
N	6.30	286.2

292.47 Pennsylvania

425' E of Vermont

N	5.10	287.4
C	6.40	286.1
1/4	6.90	285.6
¢	10.60	281.9
1/4	14.40	278.1
C	18.40	274.1
S	19.40	273.1

450' E of Vermont

S	20.20	273.3
C	16.40	276.1
1/4	13.50	279.0
¢	10.70	281.8
1/4	6.40	286.1
C	5.50	287.0
N	4.70	287.8

	450' E of Vermont		
N	292.47	4.60	287.9
C		5.00	287.5
¼		5.40	287.1
℄		6.00	286.5
¼		8.10	283.8
C		13.80	278.7
S		16.60	275.9
	500' E of Vermont		
S		8.00	284.5
C		6.90	285.6
¼		6.60	285.9
℄		5.90	286.6
¼		5.80	286.7
C		4.20	288.3
N		4.00	288.5

292.47 Pennsylvania

	525' E of Vermont		
N		3.10	289.4
C		3.70	288.8
¼		4.10	288.4
℄		4.10	288.4
¼		4.30	288.2
C		4.70	287.8
S		5.30	287.2
	550' E of Vermont		
S		3.90	288.6
C		3.50	289.0
¼		3.40	289.1
℄		3.30	289.2
¼		3.30	289.2
C		3.20	289.3
N		3.40	289.1

POSTED

675' E of Vermont

N	292.47	2.20	290.3
C		2.00	290.5
¼		2.66	289.6
¢		2.90	289.6
¼		3.10	289.4
C		3.00	289.5
S		3.20	289.3

600' E of Vermont = W.L. of Richmond

S		2.20	290.3
C		1.90	290.6
¼		2.10	290.4
¢		2.20	290.3
¼		2.10	290.4
C		2.30	290.2
N		2.30	290.2

292.47 Brunswick

41

W.C. of Richmond

N		1.80	290.7
C		1.70	
¼		1.60	
¢		1.60	290.9
¼		1.30	
C		1.40	
S		1.50	291.0

W ¼ of Richmond

S		1.40	291.1
C		1.30	
¼		1.20	
¢		1.00	291.5
¼		1.10	
C		1.30	
N		1.60	290.9

℄ of Richmond

N	292.47	1.30	291.20
C		1.10	
¼		0.90	
℄		0.80	291.7
¼		0.70	
C		1.10	
S		1.10	291.4

E¾ of Richmond

S		1.00	291.5
C		0.70	
¼		0.70	
℄		0.70	291.8
¼		0.60	
C		0.60	
N		1.00	291.8

292.47

E. C. of Richmond

N		0.30	292.2
C		0.50	
¼		4.40	
℄		0.30	292.2
¼		0.30	
C		0.60	
S		1.10	291.4

E. R.L. of Richmond

S		1.30	291.2
C		0.80	
¼		0.40	
℄		0.30	292.30
¼		0.10	
C		0.10	
N		0.00	292.5

POSTED

25' E of Richmond

N		292.47	0.00	292.5
C			0.80	
1/4			0.30	
℄			0.10	292.4
1/4			0.70	
C			1.00	
S			1.00	291.5
TP			0.08	292.39 ✱3

50' E of Richmond

S	8.00	295.39	3.80	291.6
C			3.50	
1/4			3.20	
℄			2.90	292.5
1/4			3.10	
C			3.00	
N			2.90	292.5

295.4

75' E of Richmond

N			2.70	292.7
C			2.80	
1/4			3.30	
℄			3.60	291.8
1/4			4.00	
C			4.10	
S			4.50	290.9

100' E of Richmond

S			5.60	289.8
C			5.40	
1/4			4.90	
℄			4.40	291.0
1/4			4.10	
C			3.20	
N			3.20	292.2

POSTED

125' E of Richmond

N	295.39	3.60	291.8
C		3.90	
1/4		5.10	
℄		5.40	290.0
1/4		5.70	
C		6.20	
S		6.40	289.0

150' E of Richmond

S		5.70	289.7
C		5.60	
1/4		5.10	
℄		5.30	290.1
1/4		4.80	
C		4.00	
N		3.80	291.6

295.4

175' E of Richmond

N		3.90	291.5
C		3.90	
1/4		4.50	
℄		4.70	290.7
1/4		4.80	
C		5.00	
S		5.20	290.2

200' E of Richmond

S		4.60	290.8
C		4.50	
1/4		4.30	
℄		4.30	291.1
1/4		4.20	
C		4.10	
N		4.00	291.4

POSTED

225' E of Richmond

N	296.39	5.20	290.2
C		5.20	
¼		5.10	
℄		5.00	290.4
¼		4.80	
C		4.90	
S		4.90	290.5

250' E of Richmond = W.L. of Albert

S		7.00	288.4
C		7.90	
¼		8.50	
℄		9.70	285.7
¼		9.70	
C		11.00	
N		12.50	282.9
	295.39	12.91	282.48 #14
0.21	282.69	8.08	274.61 #5
4.43	279.44		

W.C. of Gilbert

N	279.44	3.20	276.2
C		1.20	
¼		+1.00	
℄	295.39	13.70	281.7
¼	~~5.31 282.69~~	12.00	
C		11.00	
S		10.30	285.1

¼ of Gilbert

S	282.69	2.90	279.8
C		4.80	
¼		6.20	
℄		6.90	275.8
¼	279.44	3.60	
C		6.60	
N		8.50	270.9
		12.54	266.90 #16
0.60	267.50		

POSTED

℄ of Albert

N	279.44	14.00	265.4
C		11.30	
¼		9.80	
℄	282.69	10.90	271.8
¼		9.20	
C		8.20	
S		7.00	275.7

E ¼ of Albert

S		12.60	270.1
C		12.30	
¼		13.40	
℄		15.20	267.5
¼	267.50	8.50	
C		4.90	
N		7.30	260.2

E. C. of Albert

N	267.50	12.90	254.6
C		10.70	
¼		7.40	
℄		7.40	260.1
¼		5.70	
C		2.60	
S		1.70	265.8

EL. of Albert

S		7.80	259.7
C		9.20	
¼		10.30	
℄		11.40	186.1
¼		12.10	
C		14.90	
N		17.00	250.5

Pos

25' E of Albert

N	255.06	4.60	250.5
C		7.40	
¼		8.80	
℄		8.20	246.9
¼		8.00	
C		7.30	
S		4.50	250.6

50' E of Albert

S		11.50	243.6
C		7.80	
¼		5.50	
℄		3.20	251.9
¼	267.50	12.90	
C		10.80	
N		8.10	247.0

75' E of Albert

N	279.44	9.70	269.7
C		12.20	
¼	267.50	5.60	
℄		10.70	256.8
¼	255.06	3.80	
C		6.50	
S		12.00	243.1

100' E of Albert

S		11.30	243.8
C		13.20	
¼		6.50	
℄	267.50	11.50	256.0
¼	279.44	14.00	
C		8.60	
N		3.20	276.2

POSTED

125' E of Albert

N	279.44	4.40	275.0
C		11.00	
¼	267.50	5.00	
¢		12.50	255.0
¼	255.06	6.50	
C		12.40	
S		10.50	244.6

100' E of Albert.

S		11.20	243.9
C		10.10	
¼		5.50	
¢	267.50	14.20	253.3
¼		10.00	
C		4.00	
N	279.44	9.60	269.8
	267.50	12.87	254.63

0.43 255.06
12.04 266.67

175' E. of Albert

N	266.67	2.50	264.2
C		8.00	
¼	255.06	6.50	
¢		3.60	251.5
¼		6.10	
C		8.30	
S		9.40	245.7

200' E of Albert = W.L. of Herbert

S		9.10	246.0
C		7.50	
¼		6.40	
¢		4.80	250.8
¼		2.30	
C	266.67	11.40	
N		7.00	259.7

POSTED

N.C. of Herbert

N	R66.67	9.80	256.9
C		12.70	
¼		15.20	
¢		17.00	249.7
¼		16.50	
C		19.50	
S		21.90	244.8

W ¼ of Herbert

S		15.40	251.3
C		18.70	
¼		20.80	
¢		17 80	248.9
¼		15 80	
C		14.70	
N		12.40	254.3

266.7

¢ of Herbert

N		15.80	250.9
C		19.20	
¼		19.50	
¢		18.20	248.6
¼		16.20	
C		14.00	
S		10.60	256.1

E ¼ of Herbert

S		8.20	258.6
C		13.00	
¼		15.50	
¢		17.30	249.4
¼		17.20	
C		17.80	
N		18.00	248.7

E.C. of Herbert

N	266.67	16.70	250.0
C		16.30	
¼		17.20	
℄		15.20	251.5
¼		12.40	
C		11.30	
S		6.10	260.6

E.L. of Herbert

S		3.60	263.1
C		9.70	x57.0
¼		14.00	x52.7
℄		15.90	250.8
¼		14.60	x57.1
C		14.50	x57.7
N		14.10	252.6

266.7

25' E of Herbert

N		11.10	255.6
C		9.70	x57.0
¼		9.10	x57.6
℄		10.20	256.5
¼		11.90	x54.8
C		10.90	x55.8
S		5.30	261.4

50' E of Herbert

S		7.80	258.9
C		10.80	x55.9
¼		8.40	x58.3
℄		6.00	260.7
¼		3.90	x62.8
C		2.10	x64.6
N		2.20	264.5
		0.01	266.66

13.23 879.89

POSTED

75' E of Hebert

N	279.89	6.60	273.3
C		6.10	r 273.8
¼		7.90	r 272.0
¢	266.67	0.00	266.7
¼		3.10	r 263.6
C		6.60	r 260.1
S		9.50	256.2

100' E of Hebert

S		3.30	263.4
C		0.50	r 266.2
¼	279.89	10.20	r 269.7
¢		4.60	275.3
¼		0.30	r 279.6
C	292.04	7.10	r 284.9
N		11.30	280.7
	279.89	0.15	279.74 *19
12.30	292.04		

125' E of Herbert

N	292.04	5.50	286.5
C		3.20	r 288.8
¼		4.20	r 287.8
¢		10.10	281.9
¼		3.80	r 285.7
C		7.40	r 284.6
S		10.70	281.3

150' E of Herbert

S		0.90	291.1
C	292.04	10.60	r 281.4
¼		7.30	r 284.7
¢		2.20	289.9
¼		0.70	r 291.3
C	302.17	10.80	r 291.4
N		11.60	290.6

POSTEL

175' E of Herbert

N	302.17	8.50	293.7
C		8.80	293.4
¼		9.60	292.6
℄		9.70	292.5
¼		10.00	292.2
C	292.04	1.00	291.0
S		1.70	290.3

200' E of Herbert

S	302.17	9.20	293.0
C		8.00	294.2
¼		8.20	294.0
℄		7.50	294.7
¼		6.90	295.3
C		7.10	295.1
N		7.00	295.2
	292.04	0.65	291.39 #20
10.78	302.17		

225' E of Herbert

N	302.17	6.00	296.2
C		6.10	296.1
¼		6.30	295.9
℄		6.30	295.9
¼		6.90	295.3
C		6.90	295.3
S		6.90	295.3

250' E of Herbert

S	6.40	295.8
C	6.40	295.8
¼	6.80	295.4
℄	4.80	297.4
¼	4.60	297.6
C	5.70	296.5
N	5.40	296.8

POSTED

	295' E of Herbert		
N	302.17	4.40	297.8
C		5.00	297.2
1/4		5.20	297.0
℄		5.20	297.0
1/4		5.40	296.8
C		5.60	296.6
S		5.00	297.2
	300' E of Hebert		
S		5.20	297.0
C		4.70	297.5
1/4		4.70	297.5
℄		4.10	298.1
1/4		4.70	297.5
C		4.60	297.6
N		4.50	297.7

302.2

	320' E of Herbert		
N		5.20	297.0
C		4.70	297.5
1/4		4.30	297.9
℄		4.90	297.3
1/4		3.80	298.4
C		3.90	298.3
S		4.10	298.1
	350' E of Herbert		
S		4.80	297.4
C		5.30	296.9
1/4		5.00	297.2
℄		4.20	298.0
1/4		4.60	297.6
C		4.90	297.3
N		5.30	296.9

POSTED

302.7

350' E of Herbert

N	302.17	5.70	296.5
C		5.90	296.3
1/4		5.60	296.6
℄		5.10	297.1
1/4		5.20	297.0
C		4.80	297.4
S		3.50	298.7

400' E. of Herbert

S		5.70	296.5
C		5.50	296.7
1/4		5.20	297.0
℄		5.40	296.8
1/4		6.20	296.0
C		5.60	296.6
N		5.60	296.6

302.2

425' E of Herbert

N		5.00	297.2
C		5.10	297.1
1/4		5.50	296.7
℄		5.20	297.0
1/4		4.20	298.0
C		2.70	299.5
S		3.50	298.7

450' E of Herbert

S		2.90	299.3
C		3.70	298.5
1/4		3.30	298.9
℄		3.20	299.0
1/4		3.50	298.7
C		4.90	297.3
N'		4.40	297.8

POS.

seesketch

4.63' E of Herbert = W. L. of Park Boul. #1

N		302.17	3.30	298.9
C			3.10	299.1
1/4			3.10	299.1
℄			2.80	299.4
1/4			2.70	299.5
C			2.80	299.4
S			2.10	300.1

W. L. Park Boul. #2

S			2.10	300.1
C			2.60	299.6
1/4			2.30	299.9
℄			2.60	299.6
1/4			2.00	300.2
C			2.40	299.8
N			1.80	300.4
TP			4.95	297.22
	4.38	301.60	2.95	298.65

	4.55	303.20	6.14	297.06	V + Rich OE
				59.27	
	0.20	59.47	9.97	49.50	
	5.63	55.13	7.26	47.87	

Hub. S.E. Cor. Pierce + Calif. 51.236

	8.18	59.42	0.12	59.30	Hub. McKee + Calif.

Calif + McKee – N.W. Cor. [illegible] in pole 70.387

" " " " " " cap. tack " " 76.576

59.30
.12
59.42

POSTED

X sec. MOORE ST. see sketch p II

California to Witherby

[illegible]' S. of W.L. of Calif. #2

	59.42	8.60	

125' S. of W.L. of Calif. #2

W		9.60	49.8
2' W. of Rail		9.40	50.0
Top of rail		8.78	50.6

100' S. of Calif.

W		10.00	49.4
C		9.30	
2' W of R.		9.50	
Top of rail		8.88	50.5
W.L. Calif. #1		7.50	51.9
¼		9.60	

Moore = 75' wide 12' walls

POSTED

75' S. of Calif. #2

W	59.42	10.50	48.9
C		10.00	
¼ 2' W. of Rail		9.60	
Top of Rail		8.96	50.4
2' E of Rail		8.80	
W.L. Calif. #1		6.40	53.0

50' S. of W.L. Calif. #2

W		12.00	47.4
C		10.90	
2' W of Rail		9.30	
Top of Rail		9.06	50.3
2' E of "		8.40	
℄		7.70	51.7
W.L. Calif. #1		5.60	53.8

POSTED

25' S. of Calif #2

W	59.42	12.00	47.4
C		11.70	
1/4		10.40	
2' W. of Rail		10.00	
top of Rail		9.14	√0.3
2' E of "		9.50	
℄		9.60	49.8
1/4		9.80	
W. L. Calif. #1		5.20	√4.2

S. L. of California #2

E		4.50	√4.9
C		9.80	
1/4		10.50	
℄			
2' E of Rail		9.60	49.8
W. Rail		9.13	√0.3
2' W. of Rail		10.10	
1/4		11.90	
C		13.00	
W		13.70	45.7

W. Rail taken - superelevation = 0.40'

9.14
9.55
9.39

35' N. of Calif #2

W	59.42	13.50	45.9
C		12.70	
1/4		12.50	
2' W. of Rail		10.10	
Top of "		9.10	√0.3
2' E of Rail		9.70	
1/4		10.90	
C		9.40	
E		8.30	√1.1

85' N. of Calif #2

E		6.90	√2.5
C		7.90	
+ 8.00		8.40	
+ 1/4		10.00	
2' E of T		10.00	
Top of Rail		9.29	√0.1
2' W. of T		10.30	
1/4		12.00	
C		12.50	
W		13.30	46.1

POSTED

135' ± Not Calif = S.L. of Clayton				
W		59.42	13.10	46.3
C			12.20	
1/4			11.70	
2' N of T			10.30	
Top of Rail			9.40	✓0.0
2' E of T			10.20	
1/4			9.90	
+4			9.80	
+6			9.10	
+C			7.70	
E			6.70	✓2.7
TP.			9.87	49.55
S. 1/4 of Clayton				
E	5.77	55.32	8.50	✓2.8
C			3.80	
~~+5~~				
+5			4.80	
+8			5.80	
1/4			5.50	

2' E of T		55.32	6.20	
W. Rail			5.32	✓0.0
2' W of T			6.40	
1/4			7.60	
C			8.40	
W			9.40	4✓.9
S. 1/4 of Clayton				
W			9.30	46.0
C			8.50	
1/4			6.90	
2' W of T			6.10	
W. Rail			5.35	✓0.0
2' E of T.			6.00	
1/4.			5.00	
C			3.80	
E.			2.70	✓2.6

E of Clayton

E	55.32	3.10	√2.2
C		4.40	
1/4		5.20	
2' E of T		5.60	
W. Rail		5.37	√0.0
2' W. of T.		5.70	
1/4		7.00	
C		8.60	
W		9.70	4√.6

N 1/4 of Clayton

W		9.80	4√.√
C		9.00	
1/4		7.60	
2' W of Rail		6.30	
W Rail		5.45	49.9
2' E of Rail		6.10	
1/4		5.40	
C		4.10	
E		3.20	√2.1

N.C. of Clayton

E	55.32	3.40	√1.9
C		4.60	
1/4		6.20	
2' E. of R.		6.30	
W. Rail		5.53	49.8
2' W. of Rail		6.50	
1/4		7.90	
C		9.00	
W		10.20	4√.1

N. L. of Clayton

W		10.70	44.6
C		9.40	
1/4		8.30	
2' W of T		6.40	
W. Rail		5.50	49.8
2' E of T		6.50	
1/4		6.50	
C		4.70	
E		3.60	√1.7

POSTED

50' N. of Clayton

E	55.32	4.40	√0.9
C		5.50	
1/4		7.20	
2' E of T		6.80	
W. Rail.		5.87	49.4
2' W of T		6.85	
1/4		9.40	
C		10.00	
W.		11.10	44.2

100' W. of Clayton

W		11.20	44.1
C		10.00	
1/4		9.60	
2' W of T		7.10	
W. Rail		6.16	49.1
2' E of T		7.10	
1/4		7.00	
1/4 C		5.60	
E		4.70	√0.6

150' N of Clayton

E	55.32	4.80	
C		5.70	49.6
1/4		7.40	
2' E of T		7.80	
W. Rail		6.42	48.9
2' W of T		7.30	
1/4		9.30	
C		9.70	
W		10.60	44.7

200' N of Clayton

W		10.20	4√.1
C		9.50	
1/4		8.50	
2' W of T		7.50	
W. Rail		6.66	48.6
2' E of T		7.40	
1/4		7.30	
C		5.40	
E		4.80	√0.√

POS:

Continued on page 98

11 Hatch
6 Moore
08 Dezie

Cross-sections of West ½ 2d St.
Univ. to Washington and Cañon on
2d Univ School grounds –

BM NE	226	280.77		278.51
	NL Univ Ave.			
W			2.0	
cb			2.0	
1/4			2.0	
c			2.2	
	50' N.			
W			2.0	
cb			2.2	
1/4			2.3	
c			2.4	
	70' N.			
W			2.3	
cb			2.6	
1/4			2.6	
c			2.3	
	75' N.			
c			2.6	

POSTED

C1

		280.77		
1/4			8.5	
cb.			5.8	
W			2.3	
	95' N.			
26' W			2.0	278.8
W			12.0	268.8
cb.			13.6	
+7			14.8	
1/4			12.2	
+6			7.7	
c			2.2	
	100' N.			
c			2.1	
+2'			3.2	
1/4			9.1	
+8'			14.9	
cb.			16.3	
W			13.5	267.3

POSTED

	280+77	
15 W	19.6	261.2
7 W	20.1	260.7
W	18.6	262.2
+6	15.4	
cb	13.6	
1/4	7.5	
+4	3.0	
C	1.9	
1+30		
C	2.0	
+7	2.9	
1/4	6.6	
cb	12.4	
W	16.4	264.4
20 W	19.7	261.1
63 W	2.4	278.4

POSTED

	280+77	
28 W	2.4	278.4
	1+15 N	
48 W	2.3	278.5
W	18.9	261.9
5 E	15.6	
cb	14.0	
1/4	8.0	
C	2.1	
	1+18 N	
C	2.1	
1/4	7.5	
cb	13.6	
W	16.5	264.3
10 W	19.3	261.5
49 W	2.4	278.4
	1+25	
56 W	2.3	278.5

POSTED

	280.77			
	1+50' N			
80' W			2.6	278.2
36' W			21.0	259.8
26 W			16.6	264.2
W			10.1	270.7
cb			6.9	
1/4			4.2	
C			1.9	
	1+62' N			
C			1.8	
1/4			3.2	
cb.			4.5	
W			6,6	274.2
29 W			16.2	264.6
47 W			22.8	258.0
89 W			2.6	278.2

	280.77			
	1+75			
100' W			2.7	278.1
55 W			24.0	256.8
30 W			15.8	265.0
W			4.5	276.3
cr.			1.8	
T.P.	4.30	272.07	13.00	267.77
	1+90			
35' W			8.5	263.6
59' W			17.0	255.1
86' W			6.7	265.4
105' W			+5.5	277.6
	2+00			
130' W			+5.4	277.5
115 W			+5.4	277.5
89' W			7.9	264.2
73 W			14.4	257.7
56 W			16.7	255.4
19' W			1.9	270.2

Pump extends from 1+75 to 2+25. No elevation taken between Cr and W.L. on these sections

POSTED

		27207		
		2+25 'N		
43' W			6.9	263.2
72' W			18.6	253.5
93 W			15.8	256.3
130' W.			9.0	263.1
T.P.	12.96	283.60	14.3	270.64
		190 'N.		
W			7.2	276.4
		200 'N.		
W			7.1	276.5
Cr			4.4	
		2+25 'N		
W			4.7	278.9
Cr			4.2	
		2+50		
W			3.7	
cb.			3.5	
1/4			4.1	
C			4.0	

		283.60		
		2+75		
C			3.7	
1/a			3.8	
cb			3.1	
W			2.9	
		3+00		
Cr			2.4	
cb			1.9	
1/a			2.8	
C			3.5	
		3+25		
C			3.3	
1/4			2.7	
cb			2.9	
W			3.1	
		3+50		
W			3.5	
cb			3.8	
1/a			1.4	

205. ED

		28860		
C			3.1	
T.P.	2.08	281.82	3.86	279.74
		3+57		
C			1.2	
1/4			1.3	
ob			3.7	
W			3.0	
		3+75		
W			10.7	
ob.			9.4	
+5			8.9	
1/4			5.0	
+6			1.4	
C			1.0	
		4+00		
C			0.8	
1/4			7.2	

		28182		
ob.			13.1	
W			18.3	
		4+25		
W			12.0	
ob.			12.2	
1/4			6.3	
C			0.4	
		4+50		
C			+0.1	281.9
+4			0.2	
1/4			4.8	
ob.			6.8	
W.			3.4	
		4+55		
W			0.5	
ob			0.2	
1/4			+0.1	281.9
C			+0.5	282.3

POS.

		281.82			
	7.77	287.73	1.86	279.96	
Check BM 8d Wash.			271	285.02	285.03

X sec. of MOORE st. continued from page 60

		55.32	7.42		
	250' N. of Clayton			47.90	
E.	5.07	52.97	1.80	√1.2	
C.			2.70		
1/4			2.50		
2' E of T.			5.30		
W. Rail			4.56	48.40	
2' W of T.			5.40		
1/4			5.60		
C			6.40		
W			7.20	45.8	

300' N. of Clayton = S.L. of Sutherland

W		52.97	6.60	46.4
C			5.80	
1/4			4.70	
2' W of T			5.50	
W. Rail			4.89	48.1
2' E of T			5.40	
1/4			3.40	
C			2.50	
E.			1.20	√1.8

S. Curb Line of Sutherland

E			1.10	√1.9
C			1.90	
1/4			2.70	
+5.			2.90	
2' E of T			5.60	
W. Rail.			5.03	47.9
2' W of T			5.70	
1/4			4.80	
C			5.40	
W			6.40	46.6

POSTED

S ¼ of Sutherland

W	58.97	6.20	
C		5.40	47.6
¼		4.60	
2' W of T		5.70	
W. Rail		5.07	47.9
2' E of T.		5.70	
℄ + 5		2.10	
¼		2.30	
C		1.40	
E		0.90	√ 2.1

℄ of Sutherland

E		0.80	√ 2.2
C		1.20	
¼		1.90	
+ 5		1.80	
2' E of T		5.80	
W. Rail		5.19	47.8
2' W of T		5.90	
+ 5		3.70	
¼		2.70	
C		5.00	
W		5.70	47.3

N ¼ of Sutherland

W	58.97	5.70	47.3
C		4.70	
¼		3.40	
+ 5		3.90	
2' N of R.		5.80	
N. Rail		5.25	47.70
2' E of T.		5.90	
℄ + 5		2.00	
¼		2.30	
C		1.60	
E		1.00	√ 2.0

N. Curb of Sutherland

E		1.40	√ 1.6
C		2.10	
¼		2.70	
+ 4		2.00	
2' E of T		6.00	
W. Rail		5.41	47.6
2' W of T		6.20	
℄ + 5		4.00	
¼		3.40	
C		5.30	
W		6.10	46.9

POSTED

N.L. of Sutherland

W	S.R. 97	6.40	46.6
C		5.30	
1/4		4.10	
2' W. of T.		6.80	
W. Rail		5.47	47 S
2' E of T.		6.10	
L + S		2.60	
1/4		2.90	
C		2.60	
E		2.40	S 0.6

50' N of Sutherland

E		7.10	4 S 9
C		7.60	
1/4		7.50	
2' E of T		6.50	
W. Rail		5.61	47.2
2' W. of T		6.60	
1/4		7.10	
C		7.10	
E		6.40	46.6

100' N of Sutherland

W	S.R. 97	6.90	44.1
C		11.60	
1/4		10.40	
2' W. of T.		7.20	
W. Rail		6.28	46.7
2' E of T		7.10	
1/4		7.90	
C		5.80	
E		4.00	49.0

150' N of Sutherland

E		1.10	S 1.9
C		2.60	
1/4		2.60	
2' E of T		7.40	
W. Rail		6.79	46.2
2' W of T		7.60	
1/4		7.70	
C		13.40	
W		12.70	40.3

POSTED

200' N of Sutherland

W	52.97	12.60	40.4
C		12.30	
1/4		11.50	
2' W. of T		8.10	
W. Rail		7.27	4V.7
2' E of T		7.90	
1/4		7.30	
C		3.70	
E		0.60	V2.4

250' N. of Sutherland

E		3.40	49.6
C		6.40	
1/4		8.80	
2' E of T		8.30	
W Rail		7.69	4V.3
2' W of T		8.50	
C		11.80	
1/4		13.30	
W		14.60	38.4

300' W of Sutherland = S.L. of Noell

W	52.97	10.70	37.3
C		14.50	
1/4		13.00	
2' W of T		9.00	
W. Rail		8.06	44.9
2' E of T		8.90	
1/4		10.40	
C		9.70	43.3
E		7.10	
TP	52.97	8.26	44.71

S. Curb of Noell

E	4.89	49.60	5.00	44.6
C			7.80	
1/4			8.10	
2' E of T			5.50	
W. Rail			4.80	44.8
2' W of T			6.00	
1/4			9.20	
C			11.60	
W			13.30	36.3

S ¼ of Noell

W	49.60	14.00	3 V. 6
C		12.40	
¼		9.60	
2' W of Rail		6.20	
W. Rail		4.86	44.7
2' E of T		5.70	
¼		8.40	
C		7.40	
E		5.60	44.0

℄ of Noell

E		5.40	44.2
C		7.30	
¼		6.90	
2' E of T		5.90	
W Rail		4.99	44.6
2' W of T		6.00	
¼		10.00	
C		12.60	
W		14.10	3 V. V

N ¼ of Noell

W	49.60	14.40	3 V. 2
C		13.00	
¼		10.60	
2' W of Rail		6.40	
N. Rail		5.03	44.6
2' E of T.		5.80	
¼		8.80	
C		8.40	
E		5.00	44.6

N. Curb of Noell

E		5.30	44.3
C		7.00	
¼		9.80	
2' E of T		6.00	
N. Rail		5.10	44 V.
2' W of T		6.40	
¼		10.70	
C		13.60	
W		14.80	34.8

POSTED

N. L. of Noell

W	49.60	18.00	34.6
C		13.70	
¼		11.40	
R'W. of T		6.90	
W. Rail		5.14	44.√
R'E of T.		6.20	
¼		9.30	
C		8.60	
E		6.00	43.6

50' N of Noell

E		8.20	41.4
C		9.40	
¼		10.60	
R'E of T		6.00	
W. Rail		5.22	44.4
R'W of T		6.50	
¼		11.90	
C		13.00	
W		13.90	3√.7

100' N of Noell

W	49.60	12.10	37.√
C		11.10	
¼		9.70	
R'W. of T		6.20	
W. Rail		5.00	44.6
R'E. of T		6.00	
¼		8.00	
C		9.70	
E		6.80	42.8

150' N. of Noell

E		4.60	4√.0
C		5.40	
¼		6.20	
R'E of T		5.60	
W. Rail		4.65	4√.0
R W of T		5.60	
¼		8.60	
C		9.30	
W		10.00	39.6

200' N of Noell

W		49.60	9.70	39.9
C			9.20	
¼			6.20	
2' W of T			5.00	
W. Rail			4.21	45.4
2' E of T			4.90	
¼			3.70	
C			3.10	
E			1.80	
WR		49.60	4.45	45.15

250' N. of Noell

E	10.64	55.79	5.10	√0.7
C			6.40	
¼			6.40	
2' E of T			10.50	
W. Rail			9.85	46.0
2' W. of T			10.50	
¼			10.60	
C			11.50	
W			12.60	43.2

300' N. of Noell = S.L. of Estudillo

W	55.79	11.10	44.7
C		10.00	
¼		8.70	
2' W of T		10.00	
W. Rail		9.31	46.√
2' W of T		10.10	
¼		7.80	
C		5.50	
E		4.30	√1.√

S. Curb of Estudillo

E		3.80	√2.6
C		4.50	
¼		6.60	
2' E of T		9.80	
W. Rail		9.19	46.6
2' W. of T		10.00	
¼		8.30	
C		9.10	
W		10.50	4√.3

S ¼ of Estudillo

W	55.79	10.60	4 V. 2
C		9.10	
¼		7.60	
2' W of T		9.80'	
W. Rail		9.02	46.8
2' E of T		9.70	
¼		6.40	
C		4.20	
E		2.90	V 2.9

E of Estudillo

E		2.10	V 3.7
C		3.80	
¼		4.90	
2' E of T		9.30	
W. Rail		8.89	46.9
2' W of T		9.60	
¼		8.50	
C		8.60	
W		9.90	4 V. 9

N ¼ of Estudillo

W	V V. 79	9.90	4 V. 9
C		8.80	
¼		8.30	
2' W of T		9.50	
W. Rail		8.78	47.0
2' E of T		9.40	
¼		4.60	
C		3.00	
E		1.50	V 4.3

N Curb of Estudillo

E		2.40	V 3.4
C		4.40	
¼		5.00	
2' E of T		9.30	
W. Rail		8.61	47.2
2' W of T		9.40	
¼		8.90	
C		8.90	
W		9.80	46.0

POSTED

N. 1. of E studillo

W	55.79	9.60	46.2
C		9.40	
1/4		8.10	
2' W of T		9.20	
W. Rail		6.50	47.3
2' E of T.		9.20	
1/4		5.20	
C		4.50	
E		3.70	√3.1
	50' N		
E		8.50	√3.3
C		3.40	
1/4		4.30	
2' E of T		8.90	
W. Rail		8.05	47.7
2' W of T		8.90	
1/4		7.40	
C		8.10	
W		9.10	46.7

100' N

W	√√.79	8.80	47.0
C		9.50	
1/4		7.20	
2' W. of T		8.70	
W. Rail		7.79	48.0
2' E of T		8.60	
1/4		5.30	
+5		2.30	
C		3.00	
E		1.90	√3.9
	150' N		
E		2.40	√3.4
C		3.50	
+5		8.70	
1/4		5.20	
2' E of T		6.30	
W. Rail		7.63	48.2
2' W. of T		6.40	
1/4		7.50	
+3		5.70	
C		7.60	
W		9.10	46.7

POSTED

200' N. of Estudillo

W	55.79	9.50	46.3
C		8.30	
¼		8.10	
2' W. of T		6.50	
W. Rail		7.62	48.2
2' E of T		8.40	
¼		8.40	
+6		2.30	
C		2.20	
E		2.00	√3.2
250' N			
E		0.20	√√.6
C		2.00	
¼		4.30	
2' E of T		8.40	
W. Rail		7.84	48.0
2' W. of T		8.50	
¼		7.50	
+4		5.30	
C		7.50	
W		9.30	46.√

T.P.		55.79	8.22	47.57
300' N. of Estudillo = S.L. of Wright				
W	5.67	53.24	7.10	46.1
C			5.60	
¼			4.00	
+60			4.60	
2' W of T			6.10	
W. Rail			5.50	47.7
2' E of T			6.00	
¼			1.70	
C			0.10	
				[47.57]
E	7.58	55.15	0.40	√2.8
S. Curb of Wright				
E			0.60	√4.6
C			8.30	
¼			4.00	
2' E of T			8.00	
W. Rail			7.48	47.7
2' W. of T			8.00	
E + 7			6.30	
¼			6.20	
C			8.40	
W			9.40	4√.8

S ¼ of Wright

W	55.15	9.70	4√√
C		7.60	
¼		6.40	
+3		6.20	
R'W of T		8.10	
W. Rail		7.57	47.6
R'E of T.		8.10	
¼		3.90	
C		2.80	
E		0.90	√4.3

E of Wright

E		1.20	√4.0
C		3.30	
¼		4.70	
R'E of T		8.20	
W. Rail		7.62	47.6
R'W of T		8.20	
¼		6.80	
C		7.10	48.1
W			

N ¼ of Wright

W	√√.15	9.80	4√.4
C		8.40	
¼		7.10	
R'W of T		8.20	
W. Rail		7.76	47.4
R'E of T		8.20	
¼		6.60	
C		3.30	
E		1.30	√3.9

N Curb of Wright

E		1.60	√3.6
C		3.50	
¼		5.20	
R'E of T		8.40	
W. Rail		7.81	47.4
R'W of T		8.40	
¼		6.90	
C		8.70	
W		10.30	44.9

N. L. of Wright

W	55.15	10.70	44.√
C		9.00	
¼		8.20	
2' W of T		8.60	
W. Rail		7.95	47.2
2' E of T.		8.20	
¼		5.40	
C		4.00	
E		2.00	√3.2
	50' N.		
E		2.00	√3.2
C		3.30	
¼		5.10	
2' E of T		9.10	
W. Rail		8.55	46.6
2' W of T.		9.20	
¼		8.70	
C		9.30	
W		11.10	44.1

100' N

W	√√.1√	12.70	42.√
C		11.00	
¼		9.00	
2' W of T		9.80	
W. Rail		9.24	46.0
2' E of T		9.90	
¼		7.40	
C		5.30	
E		3.70	√1.√
	100' N		
E		6.20	49.0
C		8.20	
¼		11.80	
2' E of T		10.50	
W. Rail		9.91	4√.3
2' W of T		10.60	
¼		12.90	
C		13.50	
W		15.20	40.0

POSTED

200' N of Wright

W	55.15	16.20	39.0
C		14.50	
1/4		12.70	
2' W of T		11.50	
W. Rail		10.69	44.5
2' E of T		11.50	
1/4		12.50	
C		10.20	
E		8.50	46.7

250' N

E		7.60	47.6
C		9.30	
1/4		11.90	
2' E of T		12.00	
W. Rail		11.45	43.7
2' W of T		12.10	
C		14.00	
1/4		14.50	
W		15.90	39.3

300' N. of Wright = S.L. of Bandini

W		16.30	38.9
C		14.00	
1/4		13.90	
2' W of T		13.00	
W. Rail		12.23	43.0
2' E of T		12.90	
1/4		12.00	
C		9.30	
E		7.40	47.8

S. Curb of Bandini

E		8.00	47.2
C		10.10	
1/4		12.10	
2' E of T		12.70	
W. Rail		12.49	42.7
2' W of T		12.90	
C		14.20	
1/4		14.70	
W		16.10	39.1

S. 1/4 of Bandini

W	55.15	15.80	39.4
C		14.20	
1/4		14.50	
R'W of T		13.70	
W rail		13.05	42.4
R'E of T		13.40	
1/4		12.30	
C		10.10	
E		8.20	47.0

℄ of Bandini

E		8.40	46.8
C		10.20	
1/4		12.90	
R'E of T		13.80	
N. Rail		13.04	42.1
R'W of T		13.80	
1/4		14.90	
C		15.00	
W		16.70	38.✓

TP		55.15	12.66	42.49

N 1/4 of Bandini

W	4.12	46.61	8.40	38.2
C			6.90	
1/4			7.00	
R'W			5.60	
N. Rail			4.81	41.8
R'E			4.50	
1/4			4.80	
C			2.10	
E			0.30	46.3

N. Curb of Bandini

E		1.00	47.6
C		2.40	
1/4		5.50	
R'E		5.60	
N. Rail		5.10	41.✓
R'W		5.80	
1/4		7.70	
C		7.40	
W		8.80	37.8

POSTED

N.L. of Bandini

W	46.61	9.50	37.1
C		7.90	
1/4		6.40	
2' W		6.20	
W. Rail		5.51	41.1
2' E		6.10	
1/4		5.80	
C		3.00	
E		1.60	47.0

50' N of Bandini

E		4.30	42.3
C		5.90	
1/4		8.20	
2' E		7.40	
W. Rail		6.70	39.9
2' W		7.40	
1/4		10.30	
C		10.60	
W		12.40	34.2

100' N of Bandini

W		14.60	32.0
C		14.00	
1/4		12.00	
2' W		8.60	
W. Rail		7.84	38.8
2' E		8.30	
1/4		10.00	
C		8.60	
E		6.30	40.3

150' N of Bandini

E		6.40	40.2
C		8.40	
1/4		10.70	
2' E		9.60	
W. Rail		8.79	37.8
2' W		9.60	
1/4		14.60	
C		14.70	
W		16.10	30

Continued in Book 408 Page 30

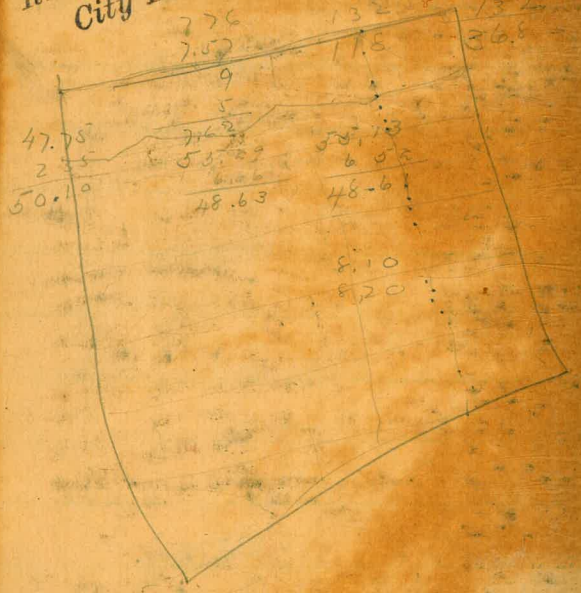
POSTED

			40.23
	40.23	0.14	40.09
12.17	52.26	0.05	52.21
9.70	61.96	2.27	59.69
		0.38	61.58
12.09	74.17	1.10	73.07
8.69	81.76	7.79	73.97
	46.61	9.01	

*

POSTED

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



Published by H. S. Crocker Company, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.

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	8.72	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		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		Degrees
	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	