B St 14 to Switzer Tr.

X Section Evans Place 5th to 6th

" 1st St - Upas to Walnut.

B St. 30 to 32

Levels over Ctr. Alley bet. B-C 24 & 25.

"C" St. 31 to 32nd

400

LEVEL

235

F.B. 235

235

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	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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TABLE FOR RUNNING ON SLOPES.

MICROFILMED
DEC 8 1964

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

235

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77.07 Top Nozzle Hydt SE, 14th - C

87.04 5 tacks on 20th and C.

14th 15th 400 5'

15th 16th 200

108.73 SW Cor. Cap tack in S. gate post. (14th B)

~~100.84 NW Cor. Spk in Tel pole (15-B)~~

73.56 NW Cor. Spk. tel Pole. (16-B)

60.52 SW. Cap tack in Fence Post. (19-B)

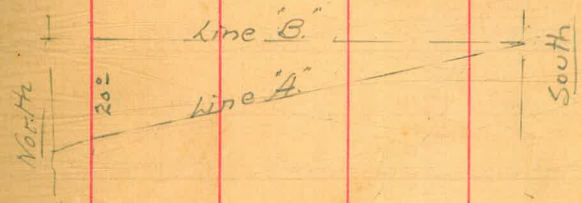
(209.3) on 7' line to Sentzen tract

(26.4 from SW Cor Sentz to 7' line

26.4
7
19.4

1/15 10 { Hatch, Haslam, Thomas, Hawkins } "B" St. from 14th – Switzer Tract –

BM. 9.19 117.92 108.73 (SVV Co. 14th & B)



E. line 14th. (line "A")

S		117.92	7.0	110.9
cb.			7.2	110.7
1/4			9.5	108.4
c			9.2	108.7
1/4			8.5	109.4
cb.			8.2	109.7
N.	Bottom		8.0	109.9
N.	Top		2.3	115.6

(line "B")

N.			1.9	116.0
2'			3.5	114.4

Note – Measurments east from 14th St are taken from (line "B")

117.92

cb.			5.4	112.5
1/4			6.2	111.7
c			6.1	111.8
1/4			6.0	111.9
cb.			6.7	111.2
S			7.0	110.9
	25' E of 14th			
S			6.1	111.8
cb.			4.1	113.8
1/4			3.3	114.6
c			2.4	115.5
1/4			1.6	116.3
cb.			0.7	117.2
T.P.	10.29	127.85	0.36	117.56
8'			10.1	117.8
N			8.1	119.8

127.85

	50' E of 14th			
N			5.6	122.3
cb.			7.6	120.3
1/4			9.2	118.7
c			9.5	118.4
1/4			11.0	116.9
cb			12.3	115.6
S			13.5	114.4
	75' E			
S			11.5	116.4
cb.			10.3	117.6
1/4			9.5	118.4
c			8.6	119.3
1/4			7.3	120.6
cb			5.6	122.3
12'			4.5	123.4
N			2.8	125.1

		127.85'		
	100' E of 14th			
N			2.3	125.6
1'			3.4	124.5
cl.			4.6	123.3
1/4			5.6	122.3
c			7.1	120.8
1/4			7.7	120.2
cl.			8.9	119.0
S		×	9.0	118.9
	125' E.			
S			7.4	120.5
5'			6.7	121.2
cl.			6.1	121.8
1/4			5.6	122.3
c			5.3	122.6
1/4			4.2	123.7

13.04
114.81 El. of E Man Hole
at 200' E of 14th

		127.85'		
cl.			3.7	124.2
12'			2.0	125.9
N.			0.8	127.1
T.P.	540	131.63'	1.62	126.23'
	150' E of 14th			
N			2.6	129.0
2'			4.5	127.1
cl.			5.5	126.1
1/4			6.2	125.4
c			6.6	125.0
1/4			7.6	124.0
cl.			8.9	122.7
S			10.0	121.6
	175' E of 14th			
S			9.3	122.3
cl.			8.3	123.3

		131.63		
1/4			7.0	124.6
C			6.7	124.9
1/4			4.8	126.8
Cb.			4.1	127.5
N.			1.7	129.9
	200' E of 14th (West line of Alley)			
N			1.1	130.5
Cb.			2.8	128.8
1/4			4.3	127.3
C			6.2	125.4
1/4			7.1	124.5
Cb			7.9	123.7
S.			8.9	122.7
	220' E (East line of Alley)			
S			9.2	122.4
Cb.			8.4	123.2

		131.63		
1/4			6.9	124.7
C			5.3	126.3
1/4			4.6	127.0
Cb.			3.0	128.6
N.			2.2	129.4
	250' E of 14th			
N.			6.2	125.4
Cb.			6.3	125.3
1/4			6.7	124.9
C			7.0	124.6
1/4			8.4	123.2
Cb.			10.2	121.4
S			10.5	121.1
T.P	34 55	122.830	12.255	119.375
	275' E			
S			5.1	117.7

		122.83		
cb.			4.6	118.2
1/4			2.8	120.0
c			2.0	120.8
1/4			2.1	120.7
cb.			2.3	120.5
N			1.3	121.5
	300' E of 14th			
N			5.6	117.2
cb.			5.5	117.3
1/4			5.7	117.1
c			6.4	116.4
1/4			7.7	115.1
cb.			8.6	114.2
S			7.0	115.8
	325' E			
S			12.5	110.3

		122.83		
cb			12.5	110.3
1/4			12.0	110.8
c			10.6	112.2
1/4			10.8	112.0
cb.			10.8	112.0
N			10.9	111.9
T.P.	0.29	110.28	12.84	109.99
	350' E of 14th			
N.			2.8	107.5
cb.			2.8	107.5
1/4			2.8	107.5
c			2.5	107.8
1/4			3.3	107.0
cb.			4.0	106.3
S			3.8	106.5

		110.28			
	37.5' E of 14th				
S			6.9	103.4	
cb.			7.4	102.9	
1/4			7.4	102.9	
C			6.6	103.7	
1/4			7.0	103.3	
cb.			7.0	103.3	
N			7.1	103.2	
	400.5' E of 14th W Line 15th				
N			9.45	100.83	Rub.
cb.			9.8	100.5	
1/4			9.4	100.9	
C			10.0	100.3	
1/4			11.5	98.8	
cb.			12.0	98.3	
S			10.4	100.9	

		110.28			
T.P.	0.40	98.07	12.61	97.67	
	E Line 15th.				
S.			9.2	88.9	
cb.			10.2	87.9	
1/4			10.5	87.6	
C			11.2	86.9	
1/4			11.2	86.9	
cb.			10.9	87.2	
N			11.3	86.8	
T.P.	0.08	85.94	12.21	85.86	
	25' E of 15th				
N.			3.6	82.3	
cb.			2.8	83.1	
1/4			2.3	83.6	
C			2.9	83.0	
1/4			3.0	82.9	

	85.94'			
cb.			1.7	84.2
S.			0.8	85.1
	50' E of 15th			
S			5.0	80.9
cb.			6.1	79.8
1/4			5.8	80.1
C			4.9	81.0
1/4			5.4	80.5
cb.			6.9	79.0
N			7.2	78.7
	75' E			
N			10.4	75.5
cb			9.7	76.2
1/4			9.4	76.5
C			8.7	77.2
1/4			8.5	77.4

	85.94'			
cb.			8.8	77.1
S			7.9	78.0
	100' E of 15th			
S.			10.9	75.0
cb.			11.9	74.0
1/4			12.2	73.7
C			12.5	73.4
1/4			12.7	73.2
cb.			12.6	73.3
N			12.6	73.3
T.P.	8.14	81.56	12.52	73.42
	125' E			
N.			10.1	71.5
cb.			10.4	71.2
1/4			9.2	72.4
C			9.3	72.3

81.56

1/4	9.9	71.7	
cb.	10.4	71.2	
S	10.3	71.3	
150' E of 15th			
S	11.4	70.2	
cb	10.4	71.2	
1/4	10.7	70.9	
c	10.9	70.7	
1/4	10.3	71.3	
cb.	10.2	71.4	
N	9.8	71.8	
175' E of 15th			
N.	9.9	71.7	
cb.	10.2	71.4	
1/4	10.2	71.4	
c	10.5	71.1	

81.56

1/4	10.7	70.9	
cb.	11.2	70.4	
S	11.6	70.0	
200' E of 15th - W Line 16th			
S cement	11.25	70.31	
cb. cement	11.50	70.06	
cb. ground	10.6	71.0	
1/4	10.7	70.9	
c	10.0	71.6	
1/4	9.3	72.3	
cb	8.5	73.1	
N	7.5	74.1	
BM	7.90	73.66	73.56
W Cb. 16th			
N	7.1	74.5	
cb.	8.0	73.6	

81.56

1/4	8.9	72.7
C	9.9	71.7
1/4	10.6	71.0
cb	11.2	70.4
S	11.6	70.0

W 1/4 16th

S	11.1	70.5
cb	10.4	71.2
1/4	10.1	71.5
C	9.2	72.4
1/4	8.3	73.3
cb	7.5	74.1
N	6.4	75.2

Cr. 16th

N	5.8	75.8
cb	7.0	74.6

81.56

1/4	7.8	73.8
C	8.5	73.1
1/4	9.2	72.4
cb.	9.7	71.9
S	10.4	71.2

E 1/4 16th

S	10.5	71.1
cb.	9.7	71.9
1/4	9.0	72.6
C	8.3	73.3
1/4	7.4	74.2
cb.	6.7	74.9
N	5.5	76.1

E cb. 16th

N. cement	6.33	75.23
N. ground	5.6	76.0

81.56

cb.	6.4	75.2
1/4	7.3	74.3
c	8.2	73.4
1/4	8.8	72.8
cb.	10.1	71.5
s	10.7	70.9
Top of grade stake	9.44	72.17
= line 16th		
s	9.8	71.8
cb.	10.0	71.6
1/4	9.2	72.4
c	8.1	73.5
1/4	7.0	74.6
cb	6.1	75.5
N	5.2	76.4

81.56

3' E of 16th

N.	3.5	78.1
cb.	4.2	77.4
1/4	6.4	75.2
c	7.6	74.0
1/4	9.0	72.6
cb	9.8	71.8
s	10.0	71.6
25' E of 16th		
s	9.8	71.8
cb	9.1	72.5
1/4	8.0	73.6
c	6.5	75.1
1/4	5.3	76.3
cb	4.4	77.2
N	2.9	78.7

81.56

50' E of 16th

N.	2.0	79.6
cb.	3.2	78.4
1/4	4.1	77.5
c	5.2	76.4
1/4	6.4	75.2
cb.	8.3	73.3
S	9.3	72.3

75' E of 16th

S	9.1	72.5
cb	5.2	73.4
1/4	6.1	75.5
c	5.0	76.6
1/4	4.1	77.5
cb.	2.6	79.0
N	1.6	80.0

81.56

100' E of 16th

N	2.4	79.2
cb	3.5	78.1
1/4	4.0	77.6
c	4.8	76.8
1/4	6.4	75.2
cb	8.0	73.6
S	8.9	72.7

125' E of 16th

S	8.6	73.0
cb.	7.5	74.1
1/4.	5.7	75.9
c	4.5	77.1
1/4	3.6	78.0
cb.	3.1	78.5
N	2.2	79.4

81.56

150' E of 16th

N	2.4	79.2
cb	2.9	78.7
1/4	3.8	77.8
c	4.9	76.7
1/4	6.3	75.3
cb.	7.9	73.7
S	8.6	73.0

175' E of 16th

S	10.3	71.3
cb.	9.2	72.4
1/4	7.7	73.9
c	6.3	75.3
1/4	4.7	76.9
cb.	3.4	78.2
N	2.5	79.1

81.56

200' E of 16th - W Line 17th

N	3.3	78.3
cb.	4.3	77.3
1/4	6.1	75.5
c	7.4	74.2
1/4	8.8	72.8
cb.	10.2	71.4
S	11.2	70.4

W cb. 17th

S	12.0	69.6
cb.	10.5	71.1
1/4	9.7	71.9
c	8.3	73.3
1/4	6.7	74.9
cb.	4.9	76.7
N	4.0	77.6

		8156		
	E line 17th			
N			8.5	73.1
cb			9.3	72.3
1/4			9.7	71.9
c			11.0	70.6
1/4			11.2	70.4
cb			12.3	69.3
S			13.1	68.5
T.P.	478	73.40	12.94	68.62
	25' E of 17th			
S			3.6	67.8
cb			4.8	68.6
1/4			4.2	69.2
c			2.4	70.0
1/4			2.4	70.0
cb			2.6	70.8

		73.40		
N			1.5	71.9
	50' E of 17th			
N			1.9	71.5
cb			3.4	70.0
1/4			4.2	69.2
c			5.4	68.0
1/4			6.2	67.2
cb			7.3	66.1
S			8.1	65.3
	75' E of 17th			
S			5.0	68.4
cb			5.1	68.3
1/4			5.7	67.7
c			6.0	67.4
1/4			4.6	78.8
cb			4.3	69.1
N			3.0	70.4

73.40

100' E of 17th

N	2.6	70.8
cb	3.8	69.6
1/4	4.1	69.3
c	4.0	69.4
1/4	3.8	69.6
cb	4.2	69.2
S	4.9	68.5

125' E of 17th

S	5.2	68.2
cb	4.2	68.2
1/4	3.4	70.0
c	3.1	70.3
1/4	2.8	70.6
cb	2.0	71.4
N	2.4	71.0

73.40

150' E of 17th

N	2.4	71.0
cb	2.2	71.2
1/4	3.1	70.3
c	3.4	70.0
1/4	3.6	69.8
cb	4.7	68.7
S	5.4	68.0

175' E of 17th

S	5.7	67.7
cb	5.0	68.4
1/4	4.8	68.6
c	3.9	69.5
1/4	3.6	69.8
cb	2.7	70.7
N	2.4	71.0

7340

200' E of 17th W Line 18th

N	2.9	70.5	
cb.	4.0	69.4	
1/4	4.6	68.8	
c	4.7	68.7	
1/4	5.3	68.1	
cb.	5.8	67.6	
S	6.4	67.0	

W cb. 18th

S	6.8	66.6	
cb.	6.2	67.2	
1/4	5.6	67.8	
c	5.2	68.2	
1/4	4.8	68.6	
cb	4.6	68.8	
N.	3.4	70.0	

7340

W 1/4 18th

N	4.6	68.8	
cb.	4.9	68.5	
1/4	5.7	67.7	
c	5.9	67.5	
1/4	6.6	66.8	
cb.	7.2	66.2	
S	7.9	65.5	

Cr 18th

S	8.1	65.3	
cb.	7.8	65.6	
1/4	7.1	66.3	
c	6.6	66.8	
1/4	5.6	67.8	
cb.	5.1	68.3	
N.	4.3	69.1	

73.40

E 1/4 18th

N	4.0	69.4
cb.	5.2	68.2
1/4	6.2	67.2
C	6.7	66.7
1/4	6.9	66.5
cb.	7.4	66.0
S	8.1	65.3

E cb. 18th

S	8.1	65.3
cb.	7.3	66.1
1/4	6.6	66.8
C	6.1	67.3
1/4	5.7	67.7
cb	4.9	68.5
N	4.3	69.1

73.40

E line 18th

BM. Nail in white fence NE cor. 18th and B — 1.18 72.22 —

N	4.2	69.2
cb.	5.0	68.4
1/4	5.5	67.9
C	5.9	67.5
1/4	6.6	66.8
cb.	7.1	66.3
S	7.5	65.9

25' E of 18th

S	7.5	65.9
cb.	7.0	66.4
1/4	6.7	66.7
C	6.3	67.1
1/4	5.8	67.6
cb	5.2	68.2
N	4.6	68.8

		73.40		
	50' E of 18th			
S			8.1	65.3
cb.			8.3	65.1
1/4			6.6	66.8
c			6.2	67.2
1/4			5.7	67.7
d			5.4	68.0
N			4.6	68.8
	75' E of 18th			
N			5.4	68.0
cb.			5.8	67.6
1/4			6.6	66.8
c			8.3	65.1
1/4			9.8	63.6
d			10.6	62.8
S			12.9	60.5

		73.40		
T.P.	5.18	67.01	11.57	61.83
	100' E of 18th			
S			9.0	58.0
cb			7.9	59.1
1/4			7.2	59.8
c			4.6	62.4
1/4			2.4	64.6
cb.			1.5	65.5
N			0.0	67.0
	125' E of 18th			
N			6.9	60.1
cb			7.2	59.8
1/4			7.8	59.2
c			7.9	59.1
1/4			8.2	58.8
cb.			8.2	58.8
S			8.3	58.7

67.0'

150' E of 18th

S	8.1	58.9
cb.	8.2	58.8
1/4	8.2	58.8
C	8.0	59.0
1/4	7.8	59.2
cb.	7.5	59.5
N	7.1	59.9

175' E of 18th

N	7.3	59.7
cb.	7.9	59.1
1/4	8.1	58.9
C	8.5	58.5
1/4	8.4	58.6
cb.	8.7	58.3
S	8.3	58.7

67.0'

200' E of 18th

S	9.1	57.9
cb.	9.1	57.9
1/4	9.2	57.8
C	8.8	58.2
1/4	8.4	58.6
cb.	8.0	59.0
N	7.5	59.5

209.3' E of 18th - W Line Switzer

N	7.8	59.2
cb.	8.3	58.7
1/4	9.0	58.0
C	9.0	58.0
1/4	9.2	57.8
cb.	9.5	57.5
S	9.5	57.5

		67.01			
	12.97	78.69	1.29	65.72	
	10.95	89.55	0.09	78.60	
BM	20th C.		2.41	87.14	87.04
BM	12.90	89.97		77.07	14-C
	12.61	102.56	0.02	89.95	
	9.85	111.11	1.30	101.26	
BM	10.64	119.36	2.39	108.72	14-B
	12.53	130.09	1.80	117.56	
	4.46	130.70	3.85	126.24	
	1.30	120.68	11.32	119.38	
	0.49	110.49	10.68	110.00	
			9.65	100.84	
	0.07	97.75	12.81	97.68	
	0.07	85.94	11.88	85.87	
			12.51	73.43	
			12.29	73.65	93.56

D. St Levels 3d of D - 20th C

	9.455	49.455		40.000		Initial Bench.
	9.000	56.545	1.910	47.545		
Bm.			4.470	52.075		6th S.E. W. Nozzle Hydt.
"	4.815	59.635	1.725	54.820		7th S.W. N. Hydt Hinge
"	5.835	63.580	1.890	57.745		8th SE W. Nozzle Hydt.
"	7.845	69.960	1.465	62.115		9th S.W. N Hydt Hinge
"	5.087	74.461	0.586	69.374		10th SE Hydt Nozzle
"	4.540	77.277	1.724	72.737		11th SW Gas pipe nearly flush, top of wall
"	0.050	73.457	3.870	73.407		12th NE, SW Cor of Base of Iron Post
	1.310	63.477	11.290	62.167		
Bm			4.010	59.467		13th SE Hydt Nozzle
	11.800	69.177	6.100	57.377		N. Cor. Ch. N.E. Dwg 14th
	8.793	77.190	0.780	68.397		
	2.145	79.155	0.180	77.010		
Bm.			2.118	77.037	77.06	14th Dwg C SE Top. Hydt Nozzle.

	4.945	62.322		57.377		
B.M.	3.240	61.877	3.685	58.637		15th SW. Hydt Nozzle.
⊙	5.337	60.969	6.245	55.632		
"			4.940	56.029		16th SW Spk in □ Pole.
	5.060	65.469	0.560	60.409		
BM			3.995	61.474		16th Sq C SE Hydt Nozzle.
	10.190	75.284	0.375	65.094		
BM			1.650	73.634	73.56	16th Sq B. NW Spk. in Tel Pole.

(7)

Cross Section of Evans Place

5th to 6th

2/7/06 { David Moore Haslam

	4.06	289.71			285.65
	E. line 5th St.				
No line			3.5	286.2	
Cb			3.9	285.8	
1/4			3.9	285.8	
Ctr			4.2	285.5	
3' So Ctr			4.3 3.1	288.4 286.6	
1/4			3.4	286.3	
5' So 1/4			3.1 4.5	286.6 285.2	
So Cb			4.5	285.2	
So line			2.8	286.9	
	5' E 5th				
So			2.2	287.5	
Cb			3.0	286.7	
1/4			2.8	286.9	
C			3.3	286.4	
1/4			2.8	286.9	
			2.7	287.0	
Cb No			1.8	287.9	

	25' E 5th			
No			1.9	287.8
Cb			2.6	287.1
1/4			2.1	287.6
C			2.1	287.6
1/4			2.2	287.5
Cb			2.1	287.6
So.			1.8	287.9
	50' E 5th			
So.			1.7	288.0
Cb			2.0	287.7
1/4			1.9	287.8
C			1.8	287.9
1/4			1.9	287.8
Cb			2.5	287.2
No.			1.8	287.9

289.71

75'E 5th

No	2.2	287.5
Ch	2.6	287.1
1/4	2.4	287.3
C	2.4	287.3
1/4	2.4	287.3
Cb.	2.5	287.2
So.	2.5	287.2

100'E 5th

So	2.2	287.5
Ch	2.5	287.5
1/4	2.3	287.4
C	2.4	287.3
1/4	2.4	287.3
Ch	2.8	286.9
No.	2.1	287.6

125'E 5th

No	2.8	286.9
Cb	3.0	286.7
1/4	2.8	286.9
C	2.6	287.1
1/4	2.3	287.4
Cb	2.1	287.6
So	1.8	287.9

150'E 5th

So	2.1	287.6
Cb	2.2	287.5
1/4	2.3	287.4
C	2.6	287.1
1/4	2.8	286.9
Ch	3.2	286.5
No	2.9	286.8

289.71

175 E of 5th

No	2.9	286.8
Cb	3.3	286.4
1/4	3.1	286.6
C	3.0	286.7
1/4	3.1	286.6
Cb	2.9	286.8
So	2.9	286.8

196.2 E = W.4. 6th

So	3.0	286.7
Cb	2.6	287.1
1/4	2.6	287.1
C	3.0	286.7
1/4	3.2	286.5
Cb	3.7	286.0
No	3.4	286.3

Cross Section 1st St from Upas to Walnut 2/7/06 { Davis, Haslam, Moore

	0.85	283.72			282.97
	0.18	271.06	12.84	270.88	
		So line Walnut			
E			3.1	268.0	
Cb			3.7	267.4	
1/4			4.1	267.0	
C			4.6	266.5	
1/4			4.8	266.3	
Cb			5.4	265.7	
W.			5.1	266.0	
		10' So Walnut.			
W.			7.6	263.5	
3'E W line			7.6	263.5	
7' " "			9.7	261.4	
Cb.			9.8	261.3	
1/4			8.1	263.0	
C			5.7	265.4	

1/4			4.3	266.8	
Cb			3.3	267.8	
E line			3.2	267.9	
		25' So Walnut			
E			5.5	265.6	
Cb			5.0	266.1	
1/4			6.2	264.9	
C			6.5	264.6	
4' W. Ctr			8.2	262.9	
1/4			9.1	262.0	
Cb			10.5	260.6	
5'E W Line			11.2	259.9	
3'E " "			9.3	261.8	
W. Line			9.3	261.8	

271.06

50' So. Walnut

W. Line		12.3	258.8
Cl		11.0	260.1
1/4		10.6	260.5
C		9.5	261.6
5th E Ctr		8.1	263.0
1/4		7.7	263.4
Cl		6.6	264.5
E line		6.8	264.3

75' So. Walnut

E line		7.9	263.2
Cl		7.4	263.7
1/4		8.7	262.4
C		10.2	260.9
1/4		10.9	260.2
Cl		11.3	259.8
W line		12.0	259.1

100' So. Walnut

W line		12.8	258.3
Cl		12.0	259.1
1/4		11.5	259.6
C		11.1	260.0
1/4		10.2	260.9
Cl		9.9	261.2
E line		9.2	261.9

125' So. Walnut

E line		9.6	261.5
Cl		10.5	260.6
1/4		10.8	260.3
C		9.7	261.4
1/4		10.0	261.1
Cl		12.9	258.2
T.P.	7.47	266.16	12.37	258.69
W line		9.0	257.2

266.16

150' So Walnut

W line	9.3	256.9
Cb	6.7	259.5
1/4	5.1	261.1
C	6.4	259.8
1/4	6.4	259.8
Cb	5.0	261.2
E line	4.7	261.5

70 S – 85 N

162' So Walnut

E line	4.0	262.2
Cb	5.7	260.5
1/4	6.5	259.7
C	6.7	259.5
1/4	6.5	259.7
Cb	7.0	259.2
W line	9.3	256.9

167 So = No line Upas

W line	7.7	258.5
Cb	7.8	258.4
1/4	7.3	258.9
C	7.1	259.1
1/4	6.9	259.3
Cb	5.9	260.3
E line	4.9	261.3

X Sections B St. 30th to

H.I.

East line 30th

J.P.	3,15	227.23	8.92	224.08
N. line			5.5	221.7
			6.1	221.1
			7.2	220.0
C			7.6	219.6
			8.1	219.1
			8.3	218.9
So. line			8.5	218.7
	25' E			
So. line			7.8	219.4
			7.8	219.4
			7.0	220.2
C			6.7	220.5
			6.7	220.5
			5.9	221.3
N. line			5.2	222.0

32nd Feb. 28 1906 { Clinton, Haslam, Hawkins

	50' E			
N. line			4.9	222.3
			5.9	221.3
			6.5	220.7
C			6.8	220.4
			7.1	220.1
			7.5	219.7
So. line			7.7	219.5
	75' E			
So. line			7.8	219.4
			7.5	219.7
			7.1	220.1
C			6.8	220.4
			6.6	220.6
			6.0	221.2
N. line			5.0	222.2

100' E

N. line	5.2	222.0
	6.3	220.9
	6.6	220.6
C	6.8	220.4
	7.2	220.0
	7.6	219.6
So. line	7.7	219.5

125' E

So. line	7.9	219.3
	7.9	219.3
	7.6	219.6
C	7.3	219.9
	6.8	220.4
	6.6	220.6
N. line	5.8	221.4

150' E

N. line	5.5	221.7
	6.3	220.9
	6.6	220.6
C	7.1	220.1
	7.4	219.8
	7.7	219.5
So. line	7.9	219.3

175' E

So. line	7.4	219.8
	7.7	219.5
	7.4	219.8
C	7.1	220.1
	6.6	220.6
	6.2	221.0
N. line	5.4	221.8

200' E

N. line	5.5	221.7
	6.0	221.2
	6.5	220.7
C	7.1	220.1
	7.6	219.6
	7.8	219.4
So. line	7.7	219.5

220' E

So. line	7.9	219.3
	8.0	219.2
	7.4	219.8
C	7.0	220.2
	6.7	220.5
	6.5	220.7
N. line	5.8	221.4

240 E

N. line	5.6	221.6
	6.4	220.8
	6.9	220.3
C	7.2	220.0
	7.8	219.4
	8.3	218.9
So. line	7.6	219.6

260' E

So. line	8.1	219.1
	8.0	219.2
	7.7	219.5
C	7.3	219.9
	7.2	220.0
	6.5	220.7
N. line	6.0	221.2

		280' E		
	N. line		6.0	221.2
			6.7	220.5
			7.1	220.1
	C		7.8	219.4
			7.9	219.3
			8.1	219.1
	So. line		8.1	219.1
		305' E		
	So. line		8.4	218.8
			8.5	218.7
			8.2	219.0
	C		7.6	219.6
			7.4	219.8
			7.3	219.9
	N. line		7.0	220.2

		330' E		
N. line			10.2	217.0
			10.0	217.2
			9.7	217.5
C			9.3	217.9
			9.1	218.1
			9.6	217.6
So. line			9.8	217.4
		355' E		
J.P.	2.85	217.34	12.74	214.49
So. line			3.5	213.8
			3.5	213.8
			4.0	213.3
C			4.3	213.0
			4.6	212.7
			4.7	212.6
N. line			5.0	212.3

380' E

N. line			10.0	207.3
			9.5	207.8
			9.0	208.3
C			8.4	208.9
			7.9	209.4
			7.4	209.9
So. line			7.1	210.2

400' E

So. line			10.6	206.7
			11.1	206.2
			12.0	205.3
C			12.6	204.7
			12.9	204.4
			13.3	204.0
N. line			13.8	203.5
T.P.	0.21	204.55	13.0	204.34

420' E

N. line			4.6	199.9
			4.4	200.1
			3.6	200.9
C			3.0	201.5
			2.8	201.7
			2.3	202.2
So. line			1.6	202.9

440' E

So. line			4.8	199.7
			5.9	198.6
			6.5	198.0
C			7.3	197.2
			7.2	197.3
			7.1	197.4
N. line			7.3	197.2

		460' E		
N. line			13.9	190.6
			12.3	192.2
			10.5	194.0
C			10.3	194.2
			10.6	193.9
			10.9	193.6
So. line			9.6	194.9
		480' E		
J.B.	0.47	192.32	12.70	191.85
So. line			2.8	189.5
			4.4	187.9
			5.2	187.1
C			4.9	187.4
			6.0	186.3
			7.8	184.5
N. line			10.2	182.1

		486' E		
N. line			12.8	179.5
			11.0	181.3
			10.0	182.3
C			8.7	183.6
			8.1	184.2
			7.9	184.4
So. line			5.4	186.9
		500' E		
So. line			9.8	182.5
			12.7	179.6
			13.9	178.4
C			14.2	178.1
			15.6	176.7
			11.8	180.5
N. line			8.8	183.5

H.I. 204.55

520' E

N. line		11.6	193.0
		16.6	188.0
	H.I. 192.32	7.4	184.9
C		9.7	182.6
		12.5	179.8
		16.3	176.0
cb + 5'		19.1	173.2
So. line		16.6	175.7

525' E

So. line		19.8	172.5
		14.9	177.4
		10.8	181.5
C		7.7	184.6
		4.6	187.7
	H.I. 204.55	13.8	190.8
N. line		9.3	195.3

550' E

N. line		-0.6	205.2
		1.3	203.3
		3.7	200.9
C		7.1	197.5
		11.2	193.4
	H.I. 192.32	2.9	189.4
So. line		8.3	184.0

575' E

So. line	H.I. 204.55	11.0	193.6
		6.4	198.2
		2.8	201.8
C	H.I. 215.57	12.4	203.2
		10.3	205.3
		8.2	207.4
N. line		6.8	208.8

West line 31st

N. line			4.3	211.3
			4.8	210.8
			6.1	209.5
C			7.9	207.7
			9.9	205.7
			12.2	203.4
So. line	H.I.	204.55	3.8	200.8

West Cb

So. line	H.I.	204.12	3.4	200.7
	H.I.	215.57	11.1	204.5
			8.5	207.1
C			6.9	208.7
			5.6	210.0
			4.4	211.2
N. line			3.8	211.8

West 1/4

N. line			3.3	212.3
			4.1	211.5
			5.1	210.5
C			6.5	209.1
			9.0	206.6
	H.I.	204.12	1.1	203.0
So. line			4.9	199.1

Center

	13.09	204.12	12.9	191.03
So. line			7.7	196.4
			3.3	200.8
	H.I.	215.57	10.6	205.0
C			7.2	208.4
			5.3	210.3
			4.3	211.3
N. line			3.3	212.3

		E. 1/4		
N. line			3.3	212.3
			4.2	211.4
			5.6	210.0
C			8.6	207.0
	H.I.	204.12	1.9	202.2
			5.7	198.4
So. line			11.1	193.0
		E. Cb		
So. line			15.2	188.9
			8.2	195.9
			4.6	199.5
C	H.I.	215.57	10.7	204.9
			7.2	208.4
			4.9	210.7
N. line			3.2	212.4

		E. Cb	+ 5'	
N. line			3.3	212.3
			5.1	210.5
			8.3	207.3
C			11.8	203.8
	H.I.	204.12	4.3	199.8
			9.6	194.5
So. line	H.I.	192.32	4.8	187.5
		East line	31st	
So. line			2.7	189.6
So.L. + 8'	H.I.	204.12	15.8	
			11.2	192.9
			6.3	197.8
C			1.8	202.3
	H.I.	215.57	8.3	207.3
			5.1	210.5
N. line			3.3	212.3

		25' E		
N. line			4.8	210.8
			8.8	206.8
	H.I.	204.12	3.1	201.0
C			6.9	197.2
			7.7	196.4
			5.3	198.8
So. line			3.7	200.4
		44' E		
T.P.	12.78	215.57	1.33	202.79
So. line			9.4	206.2
			8.7	206.9
			9.8	205.8
C			10.2	205.4
			9.7	205.9
			10.5	205.1
N. line			8.4	207.2

		50' E		
N. line			5.7	209.9
			7.1	208.5
			6.7	208.9
C			7.5	208.1
			7.5	208.1
			7.6	208.0
So. line			8.8	206.8
		75' E		
So. line			6.9	208.7
			5.8	209.8
			4.9	210.7
C			4.2	211.4
			3.4	212.2
			2.7	212.9
N. line			2.1	213.5

		100' E		
N. line			0.9	214.7
			1.5	214.1
			2.4	213.2
C			3.0	212.6
			3.8	211.8
			4.5	211.1
So. line			5.3	210.3
		125' E		
So. line			3.9	210.7
			3.4	212.2
			2.9	212.7
C			2.3	213.6
			1.5	214.1
			0.8	214.8
N. line			0.0	215.6
T.P.	6.83	221.56	0.84	214.73

		150' E		
N. line			5.5	216.1
			6.3	215.3
			7.1	214.5
C			7.8	213.8
			8.3	213.3
			8.8	212.8
So. line			9.2	212.4
		175' E		
~~So. l~~				
So. line			8.4	213.2
			7.9	213.7
			7.3	214.3
C			6.8	214.8
			6.4	215.2
			5.7	215.9
So. line			4.9	216.7

200' E

N. line	5.0	216.6
	5.7	215.9
	6.1	215.5
C	6.6	215.0
	7.1	214.5
	7.4	214.2
So. line	8.0	213.6

225' E

So. line	7.9	213.7
	7.3	214.6
	6.5	215.1
C	6.5	215.1
	6.3	215.3
	5.6	216.0
N. line	5.0	216.6

250' E

N. line	4.7	216.9
	5.2	216.4
	5.8	215.8
C	6.2	215.4
	6.5	215.1
	7.2	214.4
So. line	7.8	213.8

260' E

So. line	7.5	214.1
	6.8	214.8
	6.2	215.4
C	5.8	215.8
	5.4	216.2
	4.9	216.7
N. line	4.3	217.3

280' E

N. line	3.9	217.7
	4.5	217.1
	5.0	216.6
C	5.5	216.1
	6.1	215.5
	6.4	215.2
So. line	6.9	214.5

300' E

So. line	6.7	214.9
	6.1	215.5
	5.6	216.0
C	5.1	216.5
	4.5	217.1
	4.3	217.3
N. line	3.6	218.0

320' E

N. line	3.2	218.4
	3.6	218.0
	4.3	217.3
C	4.7	216.9
	5.3	216.3
	5.7	215.9
So. line	6.3	215.3

340' E

So. line	6.3	215.3
	5.6	216.0
	5.1	216.5
C	4.6	217.0
	3.9	217.7
	3.2	218.4
N. line	2.8	218.8

360' E

N. line	3.3	218.3
	3.8	217.8
	4.3	217.3
C	4.8	216.8
	5.5	216.1
	6.0	215.6
So. line	6.8	214.8

380' E

So. line	7.7	213.9
	7.1	214.5
	6.5	215.1
C	5.6	216.0
	5.2	216.4
	4.7	216.8
N. line	4.1	217.5

400' E

N. line	5.0	216.6
	5.7	215.9
	6.2	215.4
C	7.0	214.6
	7.6	214.0
	8.2	213.4
So. line	8.7	212.9

420' E

So. line	9.8	211.8
	8.9	212.7
	8.5	213.1
C	7.9	213.7
	7.2	214.4
	6.6	215.0
N. line	5.9	215.7

		440' E			
N. line			6.8	214.8	
			7.7	213.9	
			8.2	213.4	
C			8.9	212.7	
			9.5	212.1	
			10.3	211.3	
So. line			10.8	210.8	
		460' E			
So. line			12.9	208.7	
			11.8	209.8	
			10.9	210.7	
C			10.3	211.3	
			9.4	212.2	
			9.0	212.6	
N. line			8.2	213.4	
J.P.	1.90	211.87	11.59	209.97	

		480' E			
N. line			1.0	210.9	
			1.3	210.6	
			1.9	210.0	
C			2.3	209.6	
			3.3	208.6	
			3.7	208.2	
So. line			5.2	206.7	
		500' E			
So. line			7.7	204.2	
			6.6	205.3	
			5.2	206.7	
C			4.6	207.3	
			3.9	208.0	
			3.7	208.2	
N. line			3.4	208.5	

525' E

N. line			8.9	203.0
			8.7	203.2
			8.8	203.3
C			8.7	203.2
			8.8	203.1
			9.6	202.3
So. line			10.4	201.5

550' E

So. line			14.3	197.6
			13.7	198.2
			13.7	198.2
C			13.7	198.2
			13.6	198.3
			14.3	197.6
N. line			14.3	197.6
T.P.	1.08	200.25	12.70	199.17

575' E

N. line			9.0	191.3
			8.7	191.6
			8.8	191.5
C			7.0	193.3
			7.3	193.0
			7.7	192.6
So. line			8.2	192.1

West line 32nd

So. line			12.7	187.6
			12.5	187.8
			12.6	187.7
C			13.2	187.1
			13.8	186.5
			15.5	184.8
N. line			16.4	184.1

Levels over Ctr. Alley bet B-C-24th & 25th

6/12/06 { Davis, Hawkins, Thomas

POSTED

	11.66	191.45		179.79 B.M.
-0+30 = Ctr 24th			11.3	180.1
0+00 = E.L. 24th			9.9	181.3
+25			5.9	185.5
+50			3.1	188.3
+75			1.4	190.0
T.P.	11.82	203.10	0.17	191.28
1+00			11.40	191.7
+50			9.4	193.7
2			7.6	195.5
+50			6.2	196.9
3			5.3	197.8
+50			4.2	198.9
4			4.1	199.0
+50			5.2	197.9
5			6.2	196.9
+50			7.3	195.8
6			8.9	194.2
+50 = Ctr 25-on M.H. Cover			9.1	194.0

Cross section of C" st
from 31 to 32nd st

POSTED

West Line of 32nd

		1895		
NL			11.85	177.74 BM
Cb			11.8	177.8
1/4			12.1	177.5
C			12.2	177.4
1/4			12.2	177.4
Cb			12.2	177.4
SL			12.5	177.1
	20'	west		
SL			9.1	180.5
Cb			8.5	181.1
1/4			8.1	181.5
C			8.1	180.5
1/4			8.3	181.3
Cb			8.5	181.1
NL			8.7	180.9

July 16 {Helough, Brooks, Taylor

		40' West		
NL			5.3	184.5
Cb			4.4	185.2
1/4			4.7	184.9
C			4.7	184.9
1/4			4.6	185.0
Cb			4.7	184.9
SL			3.5	186.1
	60'	West		
SL			2.5	187.1
Cb			1.8	187.8
1/4			1.7	187.9
C			1.3	188.3
1/4			1.3	188.3
Cb			1.1	188.5
NL			0.8	188.8

		189.59		
TP	11.32	200.77	0.14	189.45
		80' West		
hd			9.5	191.3
Cb			9.5	191.3
1/4			9.5	191.3
C			9.6	191.2
1/4			10.1	190.7
Ca			10.9	189.9
Sd			11.2	189.6
		100' West		
Sd			8.4	192.4
Ca			7.6	193.2
1/4			7.3	193.5
C			6.9	193.9
1/4			6.2	194.6
Ca			6.1	194.7
hd			6.8	194.0

		200.77		
		120' west		
hd			3.5	197.3
Ca			3.7	197.1
1/4			4.0	196.8
C			4.4	196.4
1/4			4.8	196.0
Ca			5.3	195.5
Sd			5.8	195.0
		140' West		
Sd			3.9	196.8
Ca			3.6	197.2
1/4			3.2	197.6
C			2.5	198.3
1/4			2.1	198.7
Cb			1.8	199.0
hd			1.7	199.1

		200.77			
TP	7.59	206.72	1.64	199.13	on Hub
		160'	West		
NL			6.2	200.5	
Cb			6.6	200.1	
1/4			7.0	199.7	
C			7.6	199.1	
1/4			8.0	198.7	
Cb			8.4	198.3	
SL			8.7	198.0	
		180'	West		
SL			8.1	198.6	
Cb			7.7	199.0	
1/4			7.2	199.5	
C			6.6	200.1	
1/4			6.5	200.2	
Cb			6.0	200.7	
NL			5.5	201.2	

		206.72			
10' N of	140' sine	200'	West		
NL			4.7	202.0	
Cb			5.1	201.6	
1/4			5.5	201.2	
C			5.7	201.0	
1/4			6.3	200.4	
Cb			6.8	199.9	
SL			7.3	199.4	
		220'	West		
SL			6.6	200.1	
Cb			6.2	200.5	
1/4			5.6	201.1	
C			5.1	201.6	
1/4			4.7	202.0	
Cb			4.2	202.5	
NL			3.8	202.9	

	206.72		
	240' west		
hl		3.4	203.3
Ch		4.0	202.7
1/4		4.4	202.3
C		4.8	201.9
1/4		5.3	201.4
Ch		5.9	200.8
Sl		6.5	200.2
	260' west		
Sl		6.4	200.3
Ch		5.8	200.9
1/4		5.4	201.3
C		4.6	202.1
1/4		4.3	202.4
Ch		3.8	202.9
hl		3.2	203.5

	206.72		
	280' west		
hl		3.2	203.5
Ch		3.8	202.9
1/4		4.3	202.4
C		5.0	201.7
1/4		5.6	201.1
Ch		6.0	200.7
Sl		6.4	200.3
	300' west		
Sl		7.6	199.1
Ch		6.8	199.9
1/4		6.2	200.5
C		5.6	201.1
1/4		4.9	201.8
Ch		4.4	202.3
hl		3.7	203.0

206.72

320' west

hd	4.6	202.1
Ch	5.4	201.3
1/4	6.8	199.9
C	7.6	199.1
1/4	8.1	198.6
Ch	8.6	198.1
Sd	10.0	196.7

340' west

Sd	13.0	193.7
Ch	14.0	192.7
1/4	12.7	194.0
C	9.6	197.1
1/4	8.3	198.4
Ch	7.3	199.4
hd	6.0	200.7

206.72

360' west

hd	5.4	201.3
Ch	6.1	200.6
1/4	7.0	199.7
C	7.6	199.1
1/4	8.6	198.1
Ch	10.2	196.5
Sd	11.4	195.3

380' west

Sd	7.5	199.2
Ch	7.1	199.6
1/4	6.7	200.0
C	6.2	200.5
1/4	5.7	201.0
Ch	5.1	201.6
hd	4.4	202.3

		206.72			
TP	203	204.87	3.88	202.84	Hum
		400' West			
Rd			2.4	202.3	x
Ch			3.2	201.7	
1/4			3.8	201.1	
C			4.3	200.6	
1/4			4.7	200.2	
Ch			5.1	199.8	
Sd			5.4	199.5	x
		420' West			
Sd			5.7	199.2	
Ch			5.4	199.5	
1/4			5.0	199.9	
C			4.6	200.3	
1/4			4.2	200.7	
Ch			3.7	201.2	
Rd			3.0	201.9	x

		204.87			
10' R on 380' line			440' West		
Rd			3.90	201.0	x
Ch			4.6	200.3	
1/4			5.1	199.8	
C			5.3	199.6	
1/4			5.4	199.5	
Ch			5.9	199.0	
Sd			6.1	198.8	x
		460' West			
Sd			7.1	197.8	x
Ch			6.9	198.0	
1/4			6.5	198.4	
C			6.1	198.8	
1/4			5.9	199.0	
Ch			5.4	199.5	
Rd			4.8	200.1	x

		20487		
		480' west		
Rd			6.4	198.5
Ch			6.9	198.0
1/4			7.2	197.7
C			7.8	197.1
1/4			8.1	196.8
Ch			8.5	196.4
Sd			8.7	196.2
		500' west		
Sd			10.9	194.0
Ch			10.1	194.8
1/4			10.2	194.7
C			10.1	194.8
1/4			9.5	195.4
Ch			9.3	195.6
Rd			8.6	196.3

		20487		
		520' west		
Rd			11.4	193.5
Ch			11.9	193.0
1/4			12.5	192.4
C			12.8	192.1
1/4			13.0	191.9
Ch			13.5	190.4
Sd			14.0	190.9
TP	0.21	19320	11.88	192.99
		540' west		
Sd			6.3	186.9
Ch			6.5	186.7
1/4			6.6	186.6
C			6.3	186.9
1/4			5.4	187.8
Ch			5.0	188.2
Rd			4.4	188.8

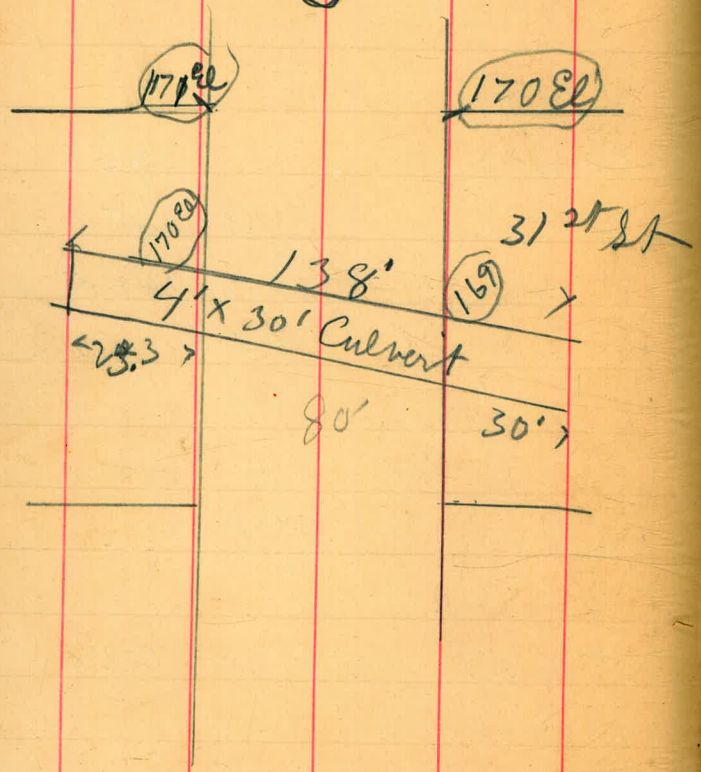
		193.20			
		560' west			
hL			11.0	182.2	
Ch			14.0	179.2	
1/4			14.8	178.4	
C			14.5	178.7	
1/4			14.5	178.7	
Ch			13.8	179.4	
SL			12.9	180.3	
TP	3.85	184.35	12.70	180.50	
		580' west			
SL			11.5	172.8	
Ch			13.0	171.4	
1/4			14.0	170.4	
C			14.2	170.2	
1/4			13.7	170.7	
Ch			12.0	172.4	
hL			9.7	174.6	

POSTED

		184.35			
TP	0.25	171.72	12.86	171.49	
on Hub 10' n of hE Cor 31 + C			4.70	167.02	BM
	East line 31st st				
hL			5.1	166	
Ch			6.3	165.4	
1/4			8.2	163.5	
C			9.0	162.7	
1/4			8.8	162.9	
Ch			7.6	164.1	
SL			5.8	165.9	
TP	1.30	160.48	12.54	159.18	stone

Culvert at C + 31st

POSTED



Cross- Section of Redwood St
from 2d to 3d

POSTED

5/16/07 { Dam / Moore / Thomas

	8.98	277.09			268.11 BM
		E. line 2d			
No			9.6		267.5
Cb			10.4		266.7
1/4			10.5		266.6
C			10.6		266.5
1/4			10.7		266.4
Cb			10.6		266.5
So			10.9		266.2
		25' E of 2d			
So			10.3		266.8
Cb			9.5		267.6
1/4			9.1		268.0
C			9.1		268.0
1/4			9.1		268.0
Cb			9.2		267.9
No			9.0		268.1

N.E. 2d & Rdwd.		50' E of 2d			
No			7.0		270.1
Cb			7.5		269.6
1/4			7.6		269.5
C			7.9		269.2
1/4			8.4		268.7
Cb			9.3		267.8
So			10.3		266.8
		75' E 2d			
So			9.6		267.5
Cb			9.0		268.1
1/4			8.3		268.8
C			7.3		269.8
1/4			6.7		270.4
Cb			6.1		271.0
No			5.6		271.5

277.09

Redwood St.

100' E of 2d

No	5.1	272.0
Ch	5.5	271.6
1/4	6.0	271.1
C	6.8	270.3
1/4	7.8	269.3
Ch	8.1	269.0
So	8.2	268.9

125' E 2d

So	6.3	270.8
Ch	6.3	270.8
1/4	6.2	270.9
C	6.0	271.1
1/4	5.5	271.6
Ch	5.2	271.9
No	4.9	272.2

150' E 2d

No	4.2	272.9
Ch	4.6	272.5
1/4	4.9	272.2
C	5.2	271.9
1/4	5.5	271.6
Ch	5.5	271.6
So	5.6	271.5

175' E 2d

So	5.6	271.5
Ch	5.4	271.7
1/4	5.2	271.9
C	4.9	272.2
1/4	4.6	272.5
Ch	4.4	272.7
No	4.1	273.0

277.09

Redwood St

POSTED

200' E 2d = W. Line 3rd

No	4.1	273.0
Cb	4.6	272.5
½	5.5	271.6
C	6.5	270.6
½	7.6	269.5
Cb	8.2	268.9
So	8.4	268.7

Cross Section Redwood St 1st & 2d

5 } Davis
18 } Moore
17 } Thomas

0.63 268.74 268.11 Bm

W.L. 2d

No	4.5	264.2
Cb	5.1	263.4
½	4.2	264.5
C	4.1	264.6
½	4.9	263.8
3 W. Cb	5.8	262.9
Cb	5.0	263.7
So	4.5	264.2

25' W 2d

No	5.5	263.2
Cb	5.9	262.8
½	6.9	261.8
C	7.7	261.0
½	8.2	260.5
Cb	8.3	260.4
So	8.6	260.1

268.74

50 W 2d

S.			10.3	258.4
Cr			10.2	258.5
4			9.8	258.9
C			8.7	260.0
4			7.9	260.8
Cr			7.0	261.7
N.			6.4	262.3

75 W 2d

N.			7.0	261.7
Cr			8.3	260.4
4			9.3	259.4
C			10.3	258.4
4			11.0	257.7
Cr			12.1	256.6
S.			12.7	256.0

100 W 2d

N.			8.4	260.3
Cr			10.4	258.3
4			11.2	257.5
C			12.2	256.5
4			13.0	255.7
T.P.	3.79	259.74	12.79	255.95
Cr			5.1	254.6
S.			5.8	253.9

125 W 2d

S.			7.5	252.2
Cr			7.0	252.7
4			6.1	253.6
C			5.4	254.3
4			5.1	254.6
Cr			4.4	255.3
N.			3.9	255.8

257.74

100 W. 2d

No	6.6	253.1
W	7.5	252.3
4	8.3	257.4
C	8.2	257.5
4	8.9	250.8
W	9.3	250.4
So	9.9	249.8

125 W 2d

S.	11.5	248.3
W	11.3	248.4
4	10.8	248.9
C	10.0	249.7
4	9.6	250.1
a	9.4	250.3
No	9.5	250.2

200 W. EL. 1st

N.	11.7	248.0
W	12.0	247.7
4	12.0	247.7
C	12.4	247.3
4	12.5	247.2
W	13.2	246.5
S.	13.2	246.5

235 R R

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City Hall, San Diego, Cal.

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City Hall, San Diego, Cal.

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

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