Cross Sections.

30th. St. South

From Upas St. to Williams

181

F.B. 181

IND

181

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

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

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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
o		o		o		o	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

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598.88
598.87
269.44

7/1 '04. Ward
Remmie
Curwell.

Tracing out property lines.

No Levels Run

7/2, '04 Ward
Remmie
Curwell.

Tracing out property lines.

No Levels Run

7/5, '04 Ward
Remmie
Curwell

Tracing out property lines

No Levels Run.

7/6.'04

Ward
Rennie
Gurwell

B.M. 7.67 HI 334.035 32 6.365 ~~328.83~~

on Hub N.E. Cor. Nebraska & Upas ave

Note. 30th st. 60ft wide.

West Curb of 30th st.

SLine	6.6	327.4
cb	6.6	327.4
1/4	6.3	327.7
c	6.3	327.7
1/4	6.2	327.8
cb	6.0	328.0
NLine	4.6	329.4

West 1/4 of 30th st.

NLine	5.5	328.5
cb	6.0	328.0
1/4	6.1	327.9
c	6.0	328.0

1/4	334.035 6.2	327.8
cb	6.1	327.9
SLine	6.4	327.6

Center of 30th st.

SLine	6.3	327.7
cb	6.0	328.0
1/4	5.5	328.5
c	5.7	328.3
1/4	6.0	328.0
cb	5.9	328.1
NLine	5.7	328.3

East 1/4 of 30th st.

NLine	5.6	328.4
cb	5.5	328.5
1/4	5.4	328.6

334.035

C	5.4	328.6
1/4	5.4	328.6
cf	5.6	328.4
SLine	6.1	327.9

East curb of 30th St.

SLine	6.1	327.9
cf	5.9	328.1
1/4	5.7	328.3
C	5.1	328.9
1/4	5.3	328.7
cf	5.5	328.5
NLine	5.4	328.6

East Prop Line of 30th St.

334.035

N.Line	5.3	328.7
cf	5.4	328.6
1/4	5.2	328.8
C	5.2	328.8
1/4	5.5	328.5
cf	5.8	328.2
SLine	6.1	327.9

T.P. 273331.225 5.54 328.490

On Hub old T.P. 7' East Prop. Line.

25' So. of U Pas St.

331.225

W Line	4.5	326.7
ct	4.4	326.8
1/4	4.2	327.0
c	3.8	327.4
1/4	3.6	327.6
cb	3.7	327.5
E Line	3.3	327.9

50' So. of U Pas St.

E Line	4.0	327.2
cb	4.1	327.1
1/4	4.0	327.2
c	3.8	327.4
1/4	4.3	326.9
ct	4.6	326.6
W Line	4.7	326.5

75' So. of U Pas St.

331.225

W Line	5.3	325.9
ct	5.2	326.0
1/4	5.0	326.2
c	4.7	326.5
1/4	4.5	326.7
ct	4.1	327.1
E Line	4.0	327.2

100' So of U Pas St.

E Line	4.6	326.6
cb	4.8	326.4
1/4	4.5	326.7
c	4.5	326.7
1/4	5.2	326.0
cb	5.4	325.8
W Line	5.3	325.9

125' So. of U Pas St.

331.225

W line	5.6	325.6
cb	5.8	325.4
1/4	5.8	325.4
c	5.3	325.9
1/4	5.5	325.7
cb	5.2	326.0
E line	5.2	326.0

150' So. of U Pas ave

E line	5.4	325.8
cb	5.5	325.7
1/4	5.6	325.6
c	5.5	325.7
1/4	6.0	325.2
cb	5.6	325.6
W line	5.1	326.1

175' So. of U Pas St.

331.225

W line	6.0	325.2
cb	6.3	324.9
1/4	6.2	325.0
c	5.7	325.5
1/4	6.1	325.1
cb	6.0	325.2
E line	5.7	325.5

200' So. of U Pas St.

E line	6.0	325.2
cb	6.1	325.1
1/4	6.3	324.9
c	6.2	325.0
1/4	6.5	324.7
cb	6.5	324.7
W line	6.6	324.6

225' So. of U Pas St.

331.225

W Line		6.6	324.6
Ct		6.1	325.1
1/4		6.1	325.1
C		6.0	325.2
1/4		6.4	324.8
Ct		6.4	324.8
E Line		6.3	324.9

250. So. of U Pas St.

E Line		6.3	324.9
Ct		6.5	324.7
1/4		6.7	324.5
C		6.2	324.6
1/4		6.8	324.4
Ct		6.8	324.4
W Line		7.0	324.2

331.225

T. P.	3.845	328.225	6.845	324.38

275' So' of U Pas St.

W Line			4.0	324.2
Ct			3.9	324.3
1/4			4.2	324.0
C			3.8	324.4
1/4			3.9	324.3
Ct			4.0	324.2
E Line			3.8	324.4

300' So. of U Pas St.

E Line			4.0	324.2
Ct			4.1	324.1
1/4			4.1	324.1
C			3.9	324.3

¼	328.225	4.2	324.0
cb		4.0	324.2
NLine		4.1	324.1

325' So. of UPass St.

NLine		4.3	323.9
cb		4.3	323.9
¼		4.5	323.7
c		4.4	323.8
¼		4.4	323.8
cb		4.2	324.0
ELine		4.3	323.9

350' So. of UPass St.

328.225

ELine		4.0	324.2
cb		4.1	324.1
¼		4.5	323.7
c		4.6	323.6
¼		4.6	323.6
cb		4.7	323.5
NLine		4.9	323.3

375' So. of UPass St.

NLine		5.3	322.9
cb		5.2	323.0
¼		5.0	323.2
c		4.9	323.3
¼		4.8	323.4
cb		4.6	3236
ELine		4.4	323.8

400' So. of UPas St

328.225

E	5.2	323.0
cb	5.2	323.0
1/4	5.2	323.0
c	5.6	322.6
1/4	5.5	322.7
cb	5.3	322.9
W line	5.5	322.7

425' so. of UPas St.

W line	6.0	322.2
cb	5.8	322.4
1/4	5.6	322.6
c	5.5	322.7
1/4	5.0	323.2
cb	4.9	323.3
E line	5.1	323.1

450' So. of UPas St.

328.225

E line	5.7	322.5
cb	5.9	322.3
1/4	5.8	322.4
c	5.8	322.4
1/4	6.2	322.0
cb	6.3	321.9
W line	6.4	321.8

475' So. of UPas St.

W line	6.6	321.6
cb	6.3	321.9
1/4	6.5	321.7
c	6.1	322.1
1/4	6.0	322.2
cb	5.8	322.4
E line	6.0	322.2

500 So. of U Pas St.

328.225

E Line	6.2	322.0
ct	5.7	322.5
1/4	5.9	322.3
c	6.2	322.0
1/4	6.7	321.5
ct	7.0	321.2
W Line	7.1	3211

525 So. of U Pas St.

W Line	7.4	320.8
ct	7.5	320.7
1/4	7.3	320.9
c	6.8	321.4
1/4	6.7	321.5
ct	6.8	321.4
E Line	6.7	321.5

550 So. of U Pas St.

328.225

E Line	6.7	321.5
ct	7.2	321.0
1/4	7.3	320.9
c	7.4	320.8
1/4	7.6	320.6
ct	7.9	320.3
W Line	7.9	3203

575 So. of U Pas St.

W Line	8.2	320.0
ct	8.2	320.0
1/4	7.8	320.4
c	7.8	320.4
1/4	7.5	320.7
ct	7.7	320.5
E Line	7.4	320.8

No. Pro. R Line of Crane St. 598.88 from U. Pass St.

328.225

E Line	8.0	320.2
ct	8.1	320.1
¼	8.2	320.0
c	7.9	320.3
¼	8.2	320.0
ct	8.3	319.9
W Line	8.2	320.0

No. Ct. of Crane St.

W Line	8.4	319.8
ct	8.6	319.6
¼	8.5	319.7
c	8.3	319.9
¼	8.3	319.9
ct	8.3	319.9
E Line	8.2	320.0

No. 1/A of Crane St.

328.225

E Line	8.3	319.9
ct	8.6	319.6
¼	8.5	319.7
c	8.5	319.7
¼	8.7	319.5
ct	8.5	319.7
W Line	8.4	319.8

Center of Crane St.

W Line	8.5	319.7
ct	8.7	319.5
¼	8.7	319.5
c	8.8	319.4
¼	8.7	319.5
ct	8.7	319.5
E Line	8.4	319.8

(Deelland)

So¼ of Crane st.

330.69

E line	8.4	319.8
cf	8.7	319.5
¼	8.9	319.3
c	8.7	319.5
¼	8.5	319.7
cf	8.6	319.6
W line	8.8	319.4

So. Cnr b of. Crane st.

W line	9.1	319.1
cf	8.8	319.4
¼	9.0	319.2
c	8.7	319.5
¼	8.9	319.3
cf	8.6	319.6
E line	8.2	320.0

So. Prop line of Crane st. 60'

328.225

E line	8.4	319.8
cf	8.8	319.4
¼	9.0	319.2
c	8.8	319.4
¼	9.0	319.2
cf	9.7	318.5
W line	9.3	318.9

T. P. 3.33 323.135 8.42 319.806

on Cnr S.E. Crane & 30th st.

7/7, '04

Ward
Rennie
Curwell

12

25' So. of Crane St.

323/135

W Line	3.8	319.3
cb	4.0	319.1
1/4	3.8	319.3
c	3.9	319.2
1/4	4.0	319.1
cb	4.1	319.0
E Line	4.0	319.1

50' So. of Crane St.

E Line	4.5	318.6
cb	4.3	318.8
1/4	4.0	319.1
c	3.8	319.3
1/4	4.1	319.0
cb	4.4	318.7
W Line	4.0	319.1

75' So. of Crane St.

323/135

W Line	4.2	318.9
cb	4.1	319.0
1/4	4.0	319.1
c	4.3	318.8
1/4	4.4	318.7
cb	4.4	318.7
E Line	4.5	318.6

100' So. of Crane St.

E Line	5.0	318.1
cb	4.6	318.5
1/4	4.7	318.4
c	4.3	318.8
1/4	4.7	318.4
cb	4.5	318.6
W Line	4.6	318.5

125' So. of Crane St.

323.135

W Line	4.6	318.5
cb	4.8	318.3
1/4	4.9	318.2
c	5.1	318.0
1/4	5.1	318.0
cb	5.2	317.9
E Line	5.2	317.9

150' So. of Crane St.

E Line	6.2	316.9
cb	6.0	317.1
1/4	5.8	317.3
c	5.5	317.6
1/4	5.2	317.9
cb	5.0	318.1
W Line	4.9	318.2

175' So. of Crane St.

323.135

W Line	5.0	318.1
cb	5.3	317.8
1/4	5.6	317.5
c	6.0	317.1
1/4	6.5	316.6
cb	6.8	316.3
E Line	7.1	316.0

200' So. of Crane St.

E Line	7.5	315.6
cb	7.0	316.1
1/4	6.7	316.4
c	6.1	317.0
1/4	5.6	317.5
cb	5.6	317.5
W Line	5.5	317.6

225' So. of Crane St.

323.135

W Line	5.8	317.3
cb	6.0	317.1
¼	6.1	317.0
c	6.3	316.8
¼	6.8	316.3
cb	7.1	316.0
E Line	7.8	315.3

250' So. of Crane St.

E Line	7.7	315.4
cb	7.4	315.7
¼	7.0	316.1
c	6.7	316.4
¼	6.9	316.2
cb	6.7	316.4
W Line	6.2	316.5

275' So. of Crane St.

323.135

W Line	7.5	315.6
cb	7.5	315.6
¼	7.7	315.4
c	7.5	315.6
¼	7.8	315.3
cb	7.9	315.2
E Line	8.0	315.1
T.P. Nail on ℄ Line	0.99 316.385	7.74 315.395

300' So. of Crane St.

E Line	1.8	314.6
cb	1.7	314.7
¼	1.8	314.6
c	1.7	314.7
¼	1.8	314.6
cb	1.8	314.6
W Line	1.9	314.5

325' so. of Crane St

316.385

W line	3.4	313.0
ct	3.4	313.0
¼	3.2	313.2
c	2.9	313.5
¼	2.8	313.6
ct	2.8	313.6
E line	2.9	313.5

350' so. of Crane St

E line	4.1	312.3
ct	4.2	312.2
¼	4.3	312.1
c	4.6	311.8
¼	5.4	311.0
ct	5.7	310.7
W line	6.0	310.4

375 so. of Crane St.

316.385

W line	10.6	305.8
ct	11.0	305.4
¼	9.8	306.6
c	8.7	307.7
¼	7.8	308.6
ct	8.5	307.9
E line	9.6	306.8
T.P.	0.96 304.625	12.7 2 303.665

400' so. of Crane St.

E line	8.0	296.6
ct	4.7	299.9
¼	2.5	302.1
+31	2.1	302.5
+32	3.4	301.2
c	1.7	302.9
¼	2.1	302.5

cb.	304.625	3.0	301.6.
W Line		1.0	300.6.
T.P.	1.06 292.865	12.82	291.805

425' So. of Crane St.

W Line	3.0	289.9.
cb	1.7	291.7.
1/4	1.4	291.5.
C	1.9	291.0.
+32	2.8	290.1.
+35	1.8	291.1.
1/4	2.2	290.7.
cb	3.3	289.6.
E Line	5.9	287.0.

450' So. of Crane St.

292.865

E Line	3.0	289.9.
cb	7.0	285.9.
1/4	8.8	284.1.
C	10.3	282.6.
1/4	12.3	280.6.
cb.	12.7	280.2.
W Line	12.6	280.3.

475' So. of Crane St.

W Line	8.5	284.4.
cb	10.9	282.0.
1/4	12.1	280.8.
C	13.6	279.3.
1/4	12.3	280.6.
cb	10.0	282.9.
E Line	6.8	286.1.

292.865

T. P.	10.55	290.715	12.67	280.195

500' So. of Crane St.

E Line	9.5	281.2
ct	11.1	279.6
1/4	12.5	278.2
c	11.4	279.3
1/4	9.3	281.4
ct	6.0	284.7
W Line	2.1	288.6

525' So. Crane St.

E Line	11.8	278.9
ct	12.4	278.3
+42	13.8	276.9
1/4	12.4	278.3

290.715

c			9.5	281.2
1/4			5.0	285.7
ct			2.7	288.0
W Line			0.8	290.4
T.P	9.16	287.87	12.035	278.710

550' So. of Crane St.

E Line			10.5	277.4
ct			11.7	276.2
1/4			5.0	282.9
+27			5.3	282.6
c			3.0	284.9
T.P.	11.7 10	298.98	0.60	287.27
1/4			10.5	288.5
ct.			7.1	291.9
W Line			3.1	295.9

575' So. of Crane St.
(290.745)

T.P.		9.16	287.87	12.035	278.71
E Line				11.7	276.2
ct				6.5	281.4
1/4				1.1	286.8
+26				1.0	286.9
	T.P.	11.71		0.60	287.27
⊙			298.98	8.7	290.3
1/4			✓	4.4	295.6
ct			309.045	10.3	288.7
W Line			✓	6.7	292.8

No. Prop. Line of Edgar 598.87 So. of Crane

E Line			287.87	10.3	277.6
ct			✓	4.0	283.9
1/4			298.98	9.5	289.5
C				8.5	290.5
+32			✓	6.0	293.0
T.P.		11.51	309.045	1.445	297.535

			309.045		
1/4				11.2	297.8
ct				7.6	301.4
W Line			✓	3.1	305.9
T.P.		2.10	308.285	2.86	306.185

On H ut. N.W. cor

7/8 'OH

Ward
Rennie
Gurwell

No Curb of Edgar St.

W Line				1.8	306.5
ct				5.9	307.4
1/4			✓	10.1	298.2
T.P.		2.19	297.595	12.88	295.405
+38				3.3	294.3
C				5.3	292.3
1/4				6.6	291.0
ct				13.0	284.6
E Line			✓	18.0	279.6

No. ¼ of Edgar st.

	308.265		
W Line		1.1	307.2
ct		4.6	303.7
¼		9.0	299.3
+37		12.9	295.4
C	297.595	2.9	294.7
¼		7.8	292.8
Ct.		11.2	286.4
E Line		16.6	281.0

Center of Edgar st.

W Line	308.265	0.1	308.2
ct		3.0	305.0
¼		7.0	301.3
+38		10.6	297.7
C	297.595	1.2	296.4
¼		2.8	294.8
ct		8.0	289.6
E Line		13.0	284.6

So. ¼ of Edgar st.

E Line	297.595	10.0	287.6
ct		5.8	291.8
T.P.	308.265	0.61	296.985
¼		11.5	296.8
C.		10.0	298.3
+32		8.1	300.2
¼		3.3	305.0
T.P	314.115	1.40	306.865
ct		6.4	307.7
W Line		4.3	309.8

So. Curb of Edgar st.

E Line	297.595	6.0	291.6
ct.	308.265	13.0	295.2
¼		8.6	299.6 / 305.5
C.		7.2	301.0 / 306.9
+ 33		5.4	303.8 / 308.7
¼		2.1	306.1 / 310.0
ct.	314.115	5.5	308.6
W Line		4.0	310.1

So Prop. Line 60'

308.265

E Line		12.8	301.3
ct.		10.0	304.1
1/4		6.6	307.5
+25		5.4	308.7
C		3.5	310.6
1/4		0.8	313.3
ct	314.115	5.3	308.8
W Line		4.1	310.0

25' So. of Edgar St.

W Line		3.6	310.5
ct		4.6	309.5
1/4		5.7	308.4
c		7.0	307.1
1/4		8.9	305.2
ct		11.4	302.7
E Line		13.6	300.5

50.' So. of Edgar St.

314.115

E Line		11.3	302.8
ct		8.9	305.2
1/4		7.1	307.0
c		6.2	307.9
1/4		5.0	309.1
ct		4.1	310.0
W Line		3.2	310.9

75' So. of Edgar St

W. Line		2.3	311.8
ct		2.9	311.2
1/4		3.6	310.5
c.		4.6	309.5
1/4		5.5	308.6
ct		6.7	307.4
E Line.		7.8	306.3

100' So. of Edgar St.

314.115

Elvine		5.5	308.6
cf		1.4	309.7
¼		3.8	310.3
c		3.3	310.8
¼		2.6	311.5
cf		2.0	312.1
Wvine	W	1.6	312.5
T.P.	5.86, 317.995	1.98	312.135 W

125' So. of Edgar St.

Wvine		5.4	312.6
cf		5.5	312.5
¼		6.0	312.0
c		6.3	311.7
¼		6.6	311.4
cf		7.3	310.7
Elvine	W	7.6	310.4

150' So. of Edgar St.

317.995

Elvine		6.7	311.3
cf		6.3	311.7
¼		6.1	311.9
c		5.8	312.2
¼		5.6	312.4
cf		5.3	312.7
Wvine		5.0	313.0

175' So. of Edgar St.

Wvine		4.7	313.3
cf		5.0	313.0
¼		5.0	313.0
c		4.9	313.1
¼		5.4	312.6
cf		5.6	312.4
Elvine	W	6.8	312.0 ✓

200' So. of Edgar St.

317.995

E line	5.6	312.4
ct	5.2	312.8
1/4	5.0	313.0
c	5.0	313.0
3/4	4.8	313.2
ct	4.7	313.3
W line	4.6	313.4

225 So. of Edgar St.

W line	4.1	313.9
ct	4.4	313.6
1/4	5.0	313.0
c	4.9	313.1
3/4	4.8	313.2
ct	5.1	312.9
E line	5.4	312.6

250' So. of Edgar St.

317.995

E line	5.7	312.3
ct	5.3	312.7
1/4	5.3	312.7
c	5.3	312.7
1/4	5.3	312.7
ct	5.1	312.9
W line	4.9	313.1

No Pro. Line of Alaska 269.47 So. of Ed.

W line	5.0	313.0
ct	5.2	312.8
1/4	5.0	313.0
c	4.9	313.1
1/4	5.3	312.7
ct	5.7	312.3
E line	5.9	312.1

No. curb of Alaska ave

317.995

E line	5.8	312.2
cb	5.7	312.3
¼	5.0	313.0
C	4.5	313.5
¼	4.8	313.2
cb	5.2	312.8
W line	5.1	312.9

No. ¼ of Alaska ave

W line	5.1	312.9
cb	5.3	312.7
¼	4.9	313.1
C	4.5	313.5
¼	5.0	313.0
cb	5.8	312.2
E line	6.1	311.9

Center of Alaska ave

317.995

E line	6.1	311.9
cb	6.0	312.0
¼	5.6	312.4
C	5.5	312.5
¼	5.5	312.5
cb	5.4	312.6
W	5.1	312.9

So ½ of Alaska ave

W line	5.1	312.9
cb	5.5	312.5
¼	5.6	312.4
C	5.6	312.4
¼	5.9	312.1
cb	6.1	311.9
E line	6.0	312.0

So. Curb of Alaska ave

317.995

E line	6.0	312.0	or
ct	6.0	312.0	or
¼	6.0	312.0	or
C	5.7	312.3	or
¼	5.7	312.3	or
ct	5.5	312.5	or
W line	5.3	312.7	or

So. Prop of Alaska ave. 60'

W line	5.3	312.7	or
ct	5.5	312.5	or
¼	5.6	312.4	or
C	5.7	312.3	or
¼	6.0	312.0	or
ct	6.1	311.9	or
E line	6.1	311.9	or

317.995

T. P on Hut S.E. Cor Alaska ave	4.17	316.165	6.00	311.995

25' So. of Alaska ave

E line	4.4	311.8
ct	4.3	311.9
¼	4.1	312.1
C	3.8	312.4
¼	4.0	312.2
ct	4.0	312.2
W line	3.9	312.3

50' So. of Alaska Ave

W line	4.0	312.2
ct	4.2	312.0
¼	4.3	311.9

C	316.165	4.3	311.9
¼		4.6	311.6
Ct		4.7	311.5
E Line		4.7	311.5

75' So. of Alaska Ave

E Line		5.0	311.2
Ct		4.9	311.3
¼		4.8	311.4
C		4.4	311.8
¼		4.3	311.9
Ct		4.3	311.9
W Line		4.3	311.9

100' So. of Alaska Ave

316.165

W Line		4.3	311.9
Ct		4.4	311.8
¼		4.4	311.8
C		4.7	311.5
¼		5.0	311.2
Ct		5.2	311.0
E Line		5.2	311.0

125' So. of Alaska Ave

E Line		5.3	310.9
Ct		5.1	311.1
¼		5.0	311.2
C		4.8	311.4
¼		5.0	311.2
Ct		4.8	311.4
W Line		4.8	311.4

150' So. of Alaska Ave

316.165

W Line	5.2	311.0
ct	5.1	311.1
¼	5.1	311.1
c	5.3	310.9
¼	5.3	310.9
ct	5.3	310.9
E Line	5.4	310.8

175' So. of Alaska Ave

E Line	5.7	310.5
ct	5.5	310.7
¼	5.5	310.7
c	5.6	310.6
¼	5.5	310.7
ct	5.4	310.8
W Line	5.4	310.8

200' So. of Alaska Ave

316.165

W Line	6.0	310.2
ct	5.9	310.3
¼	5.9	310.3
c	5.8	310.4
¼	5.9	310.3
ct	5.9	310.3
E Line	6.0	310.2

225 So' of Alaska Ave

E Line	6.5	309.7
ct	6.1	310.1
¼	6.2	309.0
c	6.1	310.1
¼	6.1	310.1
ct	6.2	310.0
W Line	6.6	309.6

250' So. of Alaska Ave

316.165

W Line	6.9	309.3
cb	7.0	309.2
1/4	6.9	309.3
c	6.5	309.7
1/4	6.8	309.4
cb	6.7	309.5
E Line	6.7	309.5

No. Prop Line of Sitka Ave.

E Line	7.1	309.1
cb	7.2	309.0
1/4	7.0	309.2
c	7.1	309.1
1/4	7.2	309.0
cb	7.3	308.9
W Line	7.5	308.7

316.165

T.P.	on Hwt N.W. Cor. 2.9 2	311.545	7.54	308.625

No. Curb of Sitka Ave

W Line	3.2	308.3
cb	2.9	308.6
1/4	2.8	308.7
c	2.5	309.0
1/4	2.6	308.9
cb	2.7	308.8
E Line	2.7	308.8

No. 1/4 of Sitka Ave

E Line	2.9	308.6
cb	2.9	308.6
1/4	2.8	308.7
c	2.9	308.6
1/4	3.1	307.4
cb	3.2	307.3
W.	3.6	307.9

Center of Sitka Ave

311.545

W line	3.9	307.6
ct	3.5	308.0
¼	3.4	308.1
c	3.1	308.4
¼	3.0	308.5
ct	3.0	308.5
E line	3.1	308.4

So. ¼ of Sitka Ave

E line	3.3	308.2
ct	3.3	308.2
¼	3.4	308.1
c	3.4	308.1
¼	3.6	307.9
ct	3.9	307.6
W line	3.8	307.7

So. Curb of Sitka Ave

311.545

W line	4.5	307.0
ct	4.1	307.4
¼	3.8	307.7
c	3.6	307.9
¼	3.5	308.0
ct	3.4	308.1
E line	3.4	308.1

So. Prop. line of Sitka Ave 60'

E line	3.8	307.7
ct	3.5	308.0
¼	3.6	307.9
c	4.0	307.5
¼	4.2	307.3
ct	4.5	307.0
W line	4.8	306.7

25' So. of Sitka Ave

311.545

W Line	5.3	306.2
cf	5.1	306.4
¼	4.7	306.8
c	4.5	307.0
¼	4.3	307.2
cf	4.3	307.2
E Line	4.3	307.2

50' So. of Sitka Ave

E Line	5.0	306.5
cf	4.9	306.6
¼	5.0	306.5
c	5.2	306.3
¼	5.5	306.0
cf	5.7	305.8
W Line	6.1	305.4

75' So. of Sitka Ave.

311.545

W Line	6.9	304.6
cf	6.3	304.2
¼	6.1	304.4
c	5.7	305.8
¼	5.6	305.9
cf	5.4	306.1
E Line	5.4	306.1

100' So. of Sitka Ave

E Line	6.1	305.4
cf	6.0	305.5
¼	6.0	305.5
c	6.4	305.1
¼	6.7	304.8
cf	7.3	304.2
W Line	8.3	303.2

7/9/04

Ward
Rennie
Burwell

125' So. of Sitka ave

311.545

W Line	9.2	302.3
cb	8.6	302.9
¼	8.0	303.5
C	7.2	304.3
¼	6.8	304.7
cb	6.9	304.6
E Line	7.0	304.5

150' So. of Sitka ave

E Line	7.9	303.6
cb	7.9	303.6
¼	8.0	303.5
C	8.5	303.0
¼	9.1	302.4
cb	9.5	302.0
W Line	10.6	300.9

311.545

T.P.	1.18	304.375	8.35 303.195

175' So. of Sitka ave

W Line	6.3	298.1
cb	4.2	300.2
¼	2.9	301.5
C	2.3	302.1
¼	2.0	302.4
cb	1.9	302.5
E Line	1.8	302.6

200' So. of Sitka ave

E Line	2.9	301.5
cb	3.1	301.3
¼	3.4	301.0
C	4.1	300.3

304.375

¼	5.0	299.4
cf	6.4	298.0
W Line	8.1	296.3

225' So. of Sitka ave

W Line	10.3	294.1
cf	8.6	295.8
¼	6.7	297.7
c	5.4	299.0
¼	4.8	299.6
cf	4.2	300.2
E Line	3.8	300.6

250' So. of Sitka ave

304.375

E Line	4.9	299.5
cf	5.2	299.2
¼	5.5	298.9
c	6.5	297.9
¼	8.1	295.3
cf	10.3	294.1
W Line	12.3	292.1
T. P. Hubert Line	2.17	297.795 — 8.75 — 295.625

No Prop Line Montana 269.44 So. of Sitka

W Line	9.2	288.6
cf	6.5	291.3
¼	4.7	293.1
c	2.7	295.1
¼	1.5	296.3
cf	1.2	296.6
E Line	0.6	297.2

No. cnr of Montana ave

297.795

E Line	1.8	296.0
ct	2.2	295.6
1/4	3.0	294.8
c	4.1	293.7
1/4	5.8	292.0
ct	8.2	289.6
W Line	10.6	287.2

No. 1/4 of Montana ave

W Line	12.4	285.4
ct	9.7	288.1
1/4	7.2	290.6
c	5.1	292.7
1/4	3.8	294.0
ct	2.9	294.9
E Line	2.3	295.5

Center of Montana ave

297.795

E Line	3.2	294.6
ct	3.7	294.1
1/4	5.0	292.8
c	6.5	291.3
1/4	9.2	288.6
ct	11.1	286.7
W Line	13.8	284.0
T.P.	1.89 2938.85	5.80 291.995

So 1/4 of Montana ave

W Line	11.7	282.2
ct	8.2	285.7
1/4	5.8	288.1
c	3.7	290.2
1/4	1.8	292.1
ct	0.9	293.0
E Line	0.1	293.8

So. Curb of Montana

293.883

E Line		1.1	292.8
cb		2.0	291.9
¼		2.9	291.0
C		5.1	288.8
¼		7.2	286.7
cb		11.0	282.9
W Line		13.0	280.9

So Prop Line Montana Ave 60'

W Line		14.3	279.6
cb		12.3	281.6
¼		9.7	284.2
C		7.4	286.5
¼		5.9	288.0
cb		3.5	290.4
E Line		2.5	291.4

25' So. of Montana Ave

293.883

E Line		6.2	287.7
cb		7.4	286.5
¼		9.1	284.8
C		11.3	282.6
¼		13.0	280.9
T. P.	2.58 283.875	12.59	281.295
cb		6.0	277.9
W Line		8.2	275.7

50' So. of Montana Ave

W Line		14.4	279.5
cb		11.1	272.8
¼		7.2	276.7
C		5.7	278.2
¼		3.6	280.3
cb		1.8	282.1
E Line		0.4	283.5

75' So. of Montana ave

283.875

E Lime			3.5	280.4
Cb			4.9	279.0
1/4			7.2	276.7
C			8.2	275.7
1/4		"	11.4	272.5
T.P	0.80	272.105	12.57	271.305
Cb			4.0	268.1
W Lime		"	8.4	264.7

100' So. of Montana ave

E Lime		283.875	6.6	277.3
Cb			7.5	276.4
1/4			9.5	274.4
~~C~~24		"	13.2	270.7
C		272.105	3.5	268.6
1/4			8.2	263.9
Cb			12.3	259.8
W.		"	15.6	256.5

110 So. of Montana Ave

283.875

E Lime			8.6	275.3
Cb.			11.0	272.9
1/4		"	12.7	271
24		272.105	4.6	267.5
C			5.0	267.1
1/4		"	10.2	261.9
T.P	0.79	260.695	12.20	259.905
Cb			3.0	257.7
W Lime		"	7.9	252.8

125' So. of Montana ave

E Lime		272.105	6.1	266.00
Cb			6.5	265.6
1/4			7.6	264.5
C		"	9.7	262.4
1/4		260.695	2.1	258.6
Cb			7.3	253.4
W Lime			11.7	249.0
		"		

150' So of Montana Ave

260695

E Line		4.0	256.7
ct		9.0	251.7
1/4		10.8	249.9
C	W	11.8	248.9
T.P.	0.87 248.625	12.94	247.755
1/4		2.7	245.9
ct		4.8	243.8
W Line	W	6.6	242.0

275' So. of Montana Ave

W Line		12.5	236.1
ct		9.0	239.6
1/4		1.7	243.9
C	W	0.9	247.7
T.P.	12.96 260.715	0.87	247.755
+36		12.6	248.1
	W		

1/4	260.715	7.8	252.9
ct		3.1	257.6
E Line	W	0.8	260.4

200' So. of Montana Ave

E Line		0.3	260.4
ct		4.4	256.3
1/4		8.9	251.8
C	W	12.6	248.1
T.P.	0.79 248.645	12.86	247.855
+35		2.0	246.6
1/4		4.2	244.4
ct		8.7	239.9
W Line		13.0	235.6
	W		

225' of Montana Ave

260.715

E Line		6.4	254.3
cf		9.4	251.3
¼		12.3	248.4
C	248.645	4.1	244.5
+34		6.1	242.5
¼		8.0	240.6
cf		11.8	236.8
T.P.	0.96 237.625	11.98	236.665
W Line		4.9	232.7

250' so. of Montana Ave

W Line		9.2	228.4
cf		4.5	232.8
¼		3.8	233.8
T.P.	12.92 249.425	11.12	236.505
C		10.1	239.3

¼	249.425	6.5	247.9
cf		3.5	245.9
E Line		1.5	247.9

No. P Top Line of wood roof. Ave

W Line	249.425	13.5	235.9
cf		10.3	239.1
¼		8.0	241.4
C		3.5	245.9

249.425

¼		11.9	237.5
cf		9.7	239.7
E Line		7.8	241.6
T.P. on N.E. cor wood roof.		7.69	241.735

Ward
Rennie
Gurwell

7/11/04 Tracing out Prop. Line.

No Levels Run.

Ward
Rennie
Gurwell

7/12.04 Run check Levels & tracing out Prop. Lines

Ward
Rennie
Gurwell

7/13.04 Tracing out Prop. Line.

7/14/04

Ward
Rennie
Gurwell

Hat N.E Cor. Woodroof BM.	0.725	242.460		241.735
	No. Curb of Woodroof.			
E Line			4.4	238.1
ct			5.3	237.2
1/4			7.7	234.8
c			11.0	231.5
T.P.	1.14	23071	12.89	229.57
1/4			2.4	228.3
ct			5.6	225.1
W Line			8.5	222.2

No. ½ of Woodroofare

242.46

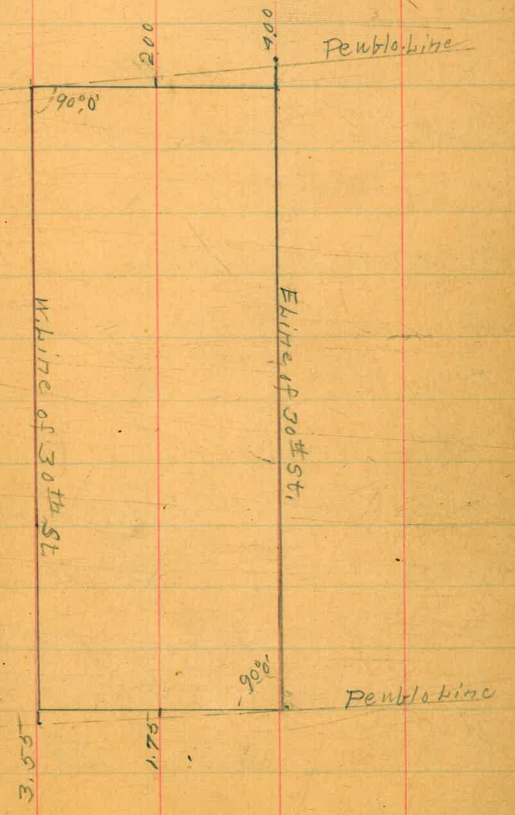
E line		7.4	235.1
Ct		8.8	233.7
¼		11.1	231.4
C	230.71	2.0	228.7
¼		4.4	226.3
Ct		7.3	223.2
W line		9.5	221.2

30' Center of Woodroofare

242.46

E line	center R.R. Grade	5.7	236.8
Ct		6.2	236.3
¼		6.5	236.0
½		8.3	234.2
C		11.0	231.5
¾	230.71	4.6	226.1

Ct	230.71	9.4	221.3
W line		11.5	219.2



So. Line of Triangle.

			230.71		
W Line				11.5	219.2
cb				9.9	220.8
1/4			✓✓	4.4	226.3
T.P.	on Rock 10 ft out on ℄ Line	7.68	237.25	1.14	229.57
c				4.8	232.4
1/4	To P.R.R. Grade			1.3	235.9
cb				0.8	236.4
E Line			✓✓	0.8	236.4

4' So. of Woodroof ave

W E Line			230.71	12.3	218.4
cb				9.9	~~220.6~~ 220.8
1/4			✓✓	4.8	225.9
c			237.25	5.2	232.0
+33				1.7	235.5
1/4				1.0	236.2

cb			237.25	2.7	234.5
?W E Line			✓✓	3.3	233.9

(256.5)

9' So. of Woodroof ave

W Line			230.71	13.2	217.5
cb				9.8	220.9
1/4			✓✓	5.0	225.7
c			237.25	5.2	232.0
+33				1.3	235.9
1/4				4.2	233.0
cb				2.7	234.5
E Line			✓✓	3.3	233.9

14' So of Woodroof ave

(256.3)

			230.71		
W Line				13.5	217.2
cb			✓✓	12.1	218.6

230.71

¼	W	6.5	224.2
C	237.25	6.2	231.0
+33		5.6	231.6
¼		5.0	232.2
ct		6.5	230.7
ELine	W	1.8	232.4

25' So. of Woodroofare (235.2)

ELine		6.5	230.7
ct		8.0	229.2
¼		11.0	226.2
C	W	12.4	225.8
T.P.	0.96 225.60	12.61	224.64
¼		5.2	220.4
ct		7.6	218.0
NLine	W	9.9	215.7

(235.2)

38' So of Woodroofare

23725

ELine		11.1	226.1
ct		10.7	226.5
¼	W	11.5	225.7
C	225.60	3.0	222.6
¼		6.5	219.1
ct		9.3	216.3
NLine		10.6	215.0

(254.6)

50' So. of Woodroofare

NLine		11.3	214.3
ct		9.5	216.1
¼		5.2	220.4
C		2.0	223.6
¼		0.7	224.9
ct		0.3	225.3
ELine	W	1.5	224.1

253.75

+70 So. of Woodroof ave

225.60

E Line				9.6	216.0
cf				7.0	218.6
1/4				2.8	222.8
c				3.5	222.1
1/4				5.1	220.5
+45				5.6	220.0
cf				10.9	214.7
+52				8.4	217.2
W Line				9.2	216.4

253.6

75' So. of Woodroof

W Line				9.9	215.7
+08				10.0	215.6
cf				11.9	213.7
+15				8.2	217.4
1/4				7.8	217.8

225.60

c				5.6	220.0
1/4				6.8	218.8
cf				9.3	216.3
E Line				11.5	214.1
T.P.	on Rock 20' from west 75' E Line	1.045	214.295	12.35	213.25

253.0

100' So. of Woodroof ave

E Line				9.5	204.8
cf				7.2	207.1
1/4				5.5	208.8
c				5.6	208.7
1/4				4.8	209.5
cf				5.1	209.2
W Line				5.0	209.3

252.9

104. So. of Wood roof ave

214.295

W Line	5.2	209.1
ct	5.2	209.1
1/4	5.4	208.9
C	6.5	207.8
1/4	7.0	207.3
ct	8.7	205.6
E Line	10.9	203.4

252.7

110. So. of Wood roof ave

E Line	11.3	203.0
ct	11.5	202.8
1/4	8.5	205.8
C	7.4	206.9
1/4	6.3	208.0
ct	6.5	207.8 ok
W Line	5.7	208.6

252.7

112 So. of Wood roof ave

214.295

W Line	5.8	208.5
ct	7.0	207.3
1/4	6.7	207.6 ok
C	8.0	206.3
1/4	11.1	203.2
ct	11.5	202.8
E Line	9.1	205.2

252.4

125 So. of Wood roof ave

E Line	8.3	206.0
ct	8.6	205.7
1/4	9.1	205.2
+25	11.6	202.7
C	12.0	202.3
+30	11.8	202.5
1/4	9.8	204.5

Ct	214.295	8.4	205.9
W Line		7.0	207.3
	140. So of Woodroof ave		
W Line		10.8	203.5
Ct		12.3	202.0
1/4		12.0	202.3
+23		10.3	204.0
C		9.2	205.1
1/4		9.0	205.3
Ct		9.0	205.3
E Line		8.6	205.7
	150' So. of Woodroof ave		
E Line		8.1	206.2
Ct		8.7	205.6
1/4		9.2	205.1

C	214.295	9.3	205.0
1/4		9.5	204.8
Ct.		10.6	203.7
+53		12.2	202.1
W Line		12.5	201.8
	155' So. of Woodroof ave		
W Line		12.2	202.1
+02		10.8	203.5
Ct		9.6	204.7
1/4		9.5	204.8
C		9.5	204.8
1/4		9.0	205.3
Ct		8.1	206.2
E Line		7.6	206.7

(252.1)

158' So. of Woodroof ave

214.295

E Line	7.2	207.1	
cf	8.1	206.2	
¼	9.0	205.3	
C	9.5	204.8	
¼	9.6	204.7	
cf	9.3	205.0	
W Line	10.4	203.9	

(252.0)

175' So. of Woodroof ave

W Line	10.1	204.2	
cf	10.1	204.2	
¼	9.5	204.8	
C	8.3	206.0	
¼	7.4	206.9	
cf	5.7	208.6	
E Line	4.0	210.3	

T.P.	Cr Rock; 10' W. Sta 175 E Line.	2,485	215.740	1.04	213.255

(252.2)

200' So. of Woodroof ave

E Line	1.2	214.5
cf	3.0	212.7
¼	4.4	211.3
C	6.2	209.5
¼	9.3	206.4
cf	10.4	205.3
W Line	11.2	204.5

(252.3)

225' So. of Woodroof ave

W Line	7.7	208.0
cf	5.6	210.1
+11	4.1	211.6
+13	7.0	208.7
+18	5.0	210.7

¼		215.74	4.5	211.2
C			2.0	213.7
¼			0.7	215.00
T.P	OM Rock on line	10.53	1.34	214.10
Ct			8.0	216.9
E line			5.8	219.1

253.2

250' so. of Wood roofave

E line			0.2	224.7
Ct			2.6	222.3
¼			5.4	219.5
C			7.2	217.7
¼			9.4	215.5
Ct			11.7	213.2
W line			13.8	211.1

254.0

275' So of Wood roofave

		224.23		
W line			10.0	214.9
Ct			8.0	216.9
¼			5.7	219.2
C			2.1	222.8
T.P	OM Rock on line	12.55	0.68	224.25
¼			10.3	226.5
Ct			6.7	230.1
E line			4.0	232.8
T.P	OM Rock on line	5.72	2.305	234.495

254.0

300' so. of Wood roofave

E line			0.5	239.7
Ct			5.6	234.6
¼			10.1	230.1
T.P.	OM Rock Sta 315 Φ line	0.845	12.84	227.375
C			2.5	225.7

		228.22		
¼			7.0	221.2
ct			9.4	218.8
W. line			11.6	216.6
		216.2		
		325' So. of Wood roof ave		
W. line			13.3	214.9
ct			10.6	217.6
¼			7.3	220.9
C			3.8	224.4
T.P.	on Rock on Line	12.56 239.15	1.63	226.59
¼			11.2	227.9
ct			6.3	232.8
E. line			1.3	237.8
		237.9		
		350' So. of		
E. line			5.6	233.5

ct		239.15	9.4	229.7
T.P.	on Rock on Line	3.825 230.455	12.52	226.63
¼			5.4	225.1
C			9.0	221.5
¼			12.5	218.0
ct			9.3	221.2
W. line			6.8	223.7
		229.4		
		375' So. of Wood roof ave		
E. line			0.2	230.3
ct			4.5	226.0
¼			9.0	221.5
C			5.5	224.0
¼			3.1	227.4
T.P.	on Rock on line	8.10 235.76	2.795	227.660
+43			10.5	225.3
+45			7.4	228.4

ct		235.76	5.0	230.7
W Line			2.6	233.2
	261.1	4.00' SO. of Woodroofare		
E Line			6.1	229.7
ct			11.2	224.6
+15			11.8	224.0
¼			8.0	227.8
C			4.0	231.8
¼			0.5	235.3
T.P	on Rock. on Line	12.82	247.75	0.83 234.93
~~+48~~			11.0	236.7
ct			8.7	239.0
W Wire			5.6	242.1

	262.7	4.25' SO. of Woodroofare		
E Line		235.76	9.2	226.5
ct			8.4	227.4
¼			4.3	231.5
C			0.4	235.4
¼		247.75	7.7	240.0
+15			6.9	240.8
ct			4.3	243.4
W Line			0.4	247.3
	262.8	4.25' SO. of Woodroofare		
		235.76		
E Line			5.6	230.2
ct			4.1	231.7
¼			0.3	235.5
C		247.75	9.0	238.7
¼			4.8	242.9
+15			3.6	244.1
T.P	on Rock. on Line	12.92	259.80	0.87 246.88

Ward
Rennie
Curwell

7/15/04

			259.80		
ct				12.2	247.6
W Line				7.6	252.2
		264.6	450' So. of Woodroof ave		
W Line				0.2	259.6
ct				4.4	255.4
1/4				7.7	252.1
c				10.5	249.3
T.P.	on Rock. on Line	2.77	252.25	10.32	249.48
1/4				6.8	245.4
ct				10.4	241.8
E Line				13.0	239.2
		266.3	475' So. of Woodroof ave		
E Line				5.1	247.1
ct				1.1	251.1

			252.25		
T.P.	on Rock. on Line	12.86	264.12	0.99	251.26
1/4				8.2	255.9
c				4.4	259.7
1/4				1.4	262.7
T.P.	on Rock on Line	13.00	276.12	1.00	263.12
ct				10.2	265.9
W Line				7.0	269.1
T.P.	on Rock on Line	9.42	283.71	1.83	274.29
		268.0	500' So. of Woodroof ave		
W Line				2.0	281.7
ct				6.3	277.4
1/4				10.4	273.3
T.P.	on Rock. on Line	0.84	271.605	12.945	270.765
c				1.8	269.8

¼			271.605	7.3	264.3
cl				12.1	259.5
E Line				15.7	255.9
			269.8		
		525' So. of Woodroofarc			
E Line				6.4	265.2
cl				0.5	271.1
T.P.	on Rock on Line	12.51	283.105	1.01	270.595
¼				8.0	270.1
C				4.4	278.7
T.P.	on Rock on Line	9.685	291.420	1.37	281.735
¼				9.0	282.4
cl				5.3	286.1
W Line				4.0	287.4
			271.5		
		550' So. of Woodroofarc			
W Line				1.4	290.0

			291.42		
cl				2.6	288.8
¼				3.5	287.9
C				5.3	286.1
¼				9.9	281.5
T.P.	on Rock on Line	5.96	284.46	12.92	278.50
cl				8.8	275.7
E Line				13.3	271.2
			273.3		
		575' So. of Woodroofarc			
E Line				4.3	280.2
T.P.	on Rock on Rock on Line	12.18	295.49	1.15	283.31
cl				9.7	285.8
¼				8.3	287.2
C				6.7	288.8
¼				5.8	289.7
cl				5.2	290.3
W Line				4.8	290.7

271.0

600' So. of Woodroofave

295.49

W Line	4.6	290.9
cb	4.7	290.8
¼	4.9	290.6
c	5.5	290.0
¼	6.7	288.8
cb	8.6	286.9
E Line	13.3	282.2

276.8

625' So. of Woodroofave

E Line	9.9	285.6
cb	6.8	288.7
¼	5.4	290.1
c	4.8	290.7
¼	4.8	290.7
cb	4.8	290.7
W Line	4.7	290.8

278.5

650. So. of Woodroofave

295.49

W Line	4.4	291.1
cb	4.7	290.8
¼	4.9	290.6
c	5.0	290.5
¼	5.2	290.3
cb	5.6	289.9
E Line	7.3	288.2

280.3

675' So. of Woodroofave

E Line	6.5	289.0
cb	5.6	289.9
¼	5.3	290.2
c	5.1	290.4
¼	5.0	290.5
cb	5.0	290.5
W Line	5.0	290.5

295.49

T.P.	℄ Line Nail sta 6.25.	4.66	295.14	5.01	290.48

282.0

700' so of Woodroofare

N Line				4.6	290.5
cb				5.0	290.1
¼				5.2	289.9
c				5.4	289.7
¼				5.5	289.6
cb				5.6	289.5
E Line				5.7	289.4

283.6

725' so. of Woodroofare

E Line				5.7	289.4
cb				5.4	289.7
¼				4.7	290.4
c				4.6	290.5
¼				5.1	290.0
cb				5.3	289.8

N Line 295.14 5.2 289.9

750' so. of Woodroofare

N Line				5.2	289.9
cb				4.9	290.2
¼				4.8	290.3
c				5.0	290.1
¼				5.6	289.5
cb				5.7	289.4
E Line				6.6	289.5

775' so. of Woodroofare

E Line				5.2	289.9
cb				5.6	289.5
¼				5.5	289.6
c				5.2	289.9
¼				5.0	290.1

cb	295.14	5.3	289.8
WLine		5.3	289.8

800' So. of Woodroofave

WLine		5.3	289.8
cb		5.3	289.8
¼		5.4	289.7
c		5.2	289.9
¼		4.6	290.5
cb		4.3	290.8
ELine		4.2	290.9

825' So. of Woodroofave

ELine		4.4	290.7
cb		4.4	290.7
¼		4.6	290.5
c		5.0	290.1

¼	295.14	5.3	289.8
cb		5.2	289.9
WLine		5.2	289.9

850' So. of Woodroof

WLine		5.4	289.7
cb		5.2	289.9
¼		4.6	290.5
c		4.0	291.1
¼		4.4	290.7
cb		4.7	290.4
ELine		4.6	290.5

875' So. of Woodroofave

ELine		4.6	290.5
cb		4.6	290.5
¼		4.7	290.4

C	295.14	4.3	290.8
1/4		5.0	290.1
CL		5.3	289.8
W Line		5.6	289.5

900' so. of Woodroof Ave

W Line		5.3	289.8
CL		5.1	290.0
1/4		5.3	289.8
C		4.9	290.2
1/4		5.0	290.1
CL		4.8	290.3
E Line		4.2	290.9

925' so. of Woodroof Ave

E Line		4.6	290.5
CL		4.1	291.0

W

1/4	295.14	3.8	291.3
C		4.0	291.1
1/4		4.8	290.3
CL		5.5	289.6
W Line		5.6	289.5

950 so of Woodroof Ave

W Line		5.8	289.3
CL		6.0	289.1
1/4		5.0	290.1
C		4.1	291.0
1/4		4.1	291.0
CL		4.2	290.9
E Line		4.5	290.6

975' so of Woodroof

E Line		4.8	290.3

W ✓

cf	295.14	4.9	290.2
¼		4.9	290.2
c		5.4	289.7
¼		5.9	289.2
cf		6.2	288.9
WLine		6.1	289.0

1000' So. of Woodroof ave

WLine		6.6	288.5
cf		6.3	288.8
¼		6.2	288.9
c		5.8	289.3
¼		5.5	289.6
cf		5.3	289.8
ELine		4.9	290.2
T.P	4.71	294.985	4.865	290.275

1025' So. of Woodroof ave

294.985

ELine	4.8	290.2
cf	5.3	289.7
¼	5.6	289.4
c	5.7	289.3
¼	6.1	288.9
cf	6.2	288.8
WLine	6.3	288.7

1050' So. of Woodroof ave

WLine	6.3	288.7
cf	6.2	288.8
¼	6.1	288.9
c	5.7	289.3
¼	4.8	290.2
cf	4.6	290.4
ELine	4.8	290.2

1075' So. of Woodroofave

294.985

ELine	5.0	290.0
ct	5.0	290.0
¼	5.3	289.7
c	5.8	289.2
¼	6.1	288.9
cb	6.1	288.9
WLine	6.0	289.0

1100 So. of Woodroofave

WLine	6.0	289.0
cb	6.0	289.0
¼	5.9	289.1
c	5.6	289.4
¼	5.1	289.9
ct	4.6	290.4
ELine	4.6	290.4

1125' So. of Woodroofave

294.985

ELine	4.3	290.7
ct	4.6	290.4
¼	4.8	290.2
c	5.5	289.5
¼	5.9	289.1
cb	5.9	289.1
WLine	6.0	289.0

1150. So. of Woodroofave

WLine	6.2	288.8
cb	6.0	289.0
¼	5.8	289.2
c	5.6	289.4
¼	5.0	290.0
ct	4.8	290.2
ELine	4.7	290.3

1175 so. of Woodroof ave

294.985

E Line	4.4	290.6
ct	4.3	290.7
¼	4.0	291.0
c	4.9	290.1
¼	5.5	289.5
ct	5.8	289.2
W Line	5.9	289.1

1200 so. of Woodroof ave

W Line	5.8	289.2
ct	5.2	289.8
¼	5.1	289.9
c	4.8	290.2
¼	5.0	290.0
ct	4.8	290.2
E Line	4.6	290.4

1225 Woodroof ave

294.985

E Line	4.6	290.4
ct	4.7	290.3
¼	4.7	290.3
c	5.2	289.8
¼	5.5	289.5
ct	5.7	289.3
W Line	6.0	289.0

1250 so. of Woodroof ave

W Line	6.0	289.0
ct	5.7	289.3
¼	5.5	289.5
c	5.1	289.9
¼	4.6	290.4
ct	4.8	290.2
E L	4.7	290.3

1275' Woodroof arc

294.985

E Line	4.5	290.5
cb	4.6	290.4
¼	4.8	290.2
c	5.5	289.5
¼	5.7	289.3
ct	6.0	289.0
W Line	6.0	289.0

1300' of Wood roof arc

W Line	6.3	288.7
cb	6.0	289.0
¼	5.9	289.1
c	5.7	289.3
¼	5.0	290.0
ct	5.3	289.7
E Line	5.2	289.8

1321.7 Sq. of Wood roof arc

294.985

E Line	5.2	289.8
ct	5.4	289.6
¼	5.4	289.6
c	6.0	289.0
¼	6.1	288.9
ct	6.4	288.6
W Line	6.6	288.4

Sq. Triangle.

W Line	6.8	288.2
ct	6.5	288.5
¼	6.1	288.9
c	6.0	289.0
¼	5.5	289.5
cb	5.4	289.6
E Line	5.2	289.8

			294.985		
T.P.	ELine on Prop Nut. + Pueblo Line	1.00	290.795	5.19	289.795
		25' So. of Pueblo Line			
WLine				3.1	287.7
ct				3.0	287.8
1/4				2.6	288.2
c				2.4	288.4
1/4				1.8	289.0
ct				1.8	289.0
ELine				1.9	288.9
		50' So. of Pueblo Line			
ELine				2.5	288.3
ct				2.6	288.2
1/4				2.5	288.3
c				3.4	287.4
1/4				3.9	286.9

ct			290.795	4.1	286.7
WLine				4.0	286.8
		75' So. of Pueblo Line			
WLine				4.7	386.1
ct				5.3	385.5
1/4				5.5	285.3
c				5.0	285.8
1/4				4.0	286.8
ct				4.0	286.8
ELine				3.7	287.1
		100' So. of Pueblo Line			
ELine				5.0	285.8
ct				4.8	286.0
1/4				5.2	285.6
c				6.0	284.8

¼	290.795	5.9	284.9
ct		5.3	285.5
H line		4.7	286.1

125' so. of Pueblo Line

H Line		4.8	286.0
ct		5.1	285.7
¼		5.9	284.9
c		6.4	284.4
¼		6.1	284.7
ct		6.3	284.5
E line		6.1	284.7

150' so. of Pueblo Line

E Line		7.2	283.6
ct		7.2	283.6
¼		6.6	284.2

c	290.795	6.9	283.9
¼		6.8	284.0
ct		6.5	284.3
H line		6.0	284.8

No Prop Line Vassar St. 160.10 so. of Pueblo

H line		6.1	284.7
ct		6.3	284.5
¼		6.9	283.9
c		7.0	283.8
¼		7.0	283.8
ct		7.4	283.4
E line		7.5	283.3

No. Curb Line of Vassar St.

E Line		7.6	283.2
ct		7.3	283.5

¼	290.795	6.7	284.1
c		7.0	283.8
¼		6.9	283.9
cb		6.4	284.4
W Line		6.0	284.8
	No. ¼ of Vassar St		
W		6.0	284.8
cb		6.4	284.4
¼		6.8	284.0
c		6.7	284.1
¼		6.6	284.2
cb		7.0	283.8
E Line		7.3	283.5
	Center of Vassar St		
E Line		6.9	283.9

cb	290.795	6.5	284.3
¼		6.4	284.4
c		6.6	284.2
¼		6.9	283.9
cb		6.6	284.2
W		6.0	284.8
	c		
	So. ¼ of Vassar St.		
W Line		6.1	284.7
cb		6.4	284.4
¼		6.9	283.9
c		7.0	283.8
¼		6.6	284.2
cb		6.9	283.9
E Line		7.2	283.6

Ward
Rennie
Gurwell

3/16/04

So. Curb of Vassar St.

E	290.795		
E Line		8.0	282.8
cb		7.8	283.0
1/4		7.1	283.7
c		7.1	283.7
1/4		6.9	283.9
cb		6.5	284.3
W Line		6.1	284.7

So Prop. Line of Vassar St.

W Line		6.2	284.6
cb		6.5	284.3
1/4		7.0	283.8
c		7.2	283.6
1/4		7.4	283.4
cb		7.7	283.1
E Line		8.0	282.8

			290.795		
T.P.	on spike S.E. Cor. Vassar + 30th	10.19	293.465	7.52	283.275

25' West of 30th St.

N. Line		7.9	285.6
cb		7.9	285.6
1/4		7.5	286.0
c		7.4	286.1
1/4		7.7	285.8
cb		7.6	285.9
So Line		7.5	286.0

50' west of 30th St.

So Line		6.1	287.4
cb		6.3	287.2
1/4		6.3	287.2
c		6.2	287.3
1/4		6.1	287.4

ct	293.45	6.6	286.9
No. Line		6.7	286.8
	75' West of 30th St.		
No. Line		5.7	287.8
ct		5.7	287.8
¼		5.4	288.1
c		5.1	288.4
¼		5.2	288.3
ct		5.2	288.3
So. Line		5.1	288.4
	100' West of 30th St.		
So. Line		4.4	289.1
ct		4.4	289.1
¼		4.4	289.1
c		4.0	289.5
¼	293.45	4.6	288.9
ct		4.6	288.9
No. Line		4.6	288.9
	East Prop Line E last 105 West of 30th		
No. Line		4.5	289.0
ct		4.5	289.0
¼		4.6	288.9
c		4.3	289.2
¼		4.4	289.1
ct		4.3	289.2
So. Line		4.3	289.2
	East Curb E last.		
So. Line		4.4	289.1
ct		4.4	289.1
¼		4.4	289.1

c	293.46	4.3	289.2
¼		4.4	289.1
cb		4.4	289.1
No. line		4.2	289.3

East ¼ of Ella St.

No. line		3.8	289.7
cb		4.1	289.4
¼		4.3	289.2
c		4.2	2893
¼		4.3	289.2
cb		4.4	289.1
So. line		4.5	289.0

Center of Ella St.

So. line		4.8	288.7
cb		4.5	289.0

¼	293.465	4.1	289.4
c		4.2	289.3
¼		4.3	289.2
cb		4.2	289.3
No. line		3.8	289.7

West ¼ of Ella St.

No. line		3.8	289.7
cb		4.3	289.2
¼		4.3	289.2
c		4.3	289.2
¼		4.5	289.0
cb		4.6	288.9
So. line		4.9	288.6

West Curb of Ella St.

293.465

So. Line	5.1	288.4
ct	4.8	288.7
¼	4.7	288.8
c	4.5	289.0
¼	4.4	289.1
ct	4.2	289.3
No. Line	3.9	289.6

West Prop of Ella St.

No. Line	4.0	289.5
ct	4.1	289.4
¼	4.3	289.2
c	4.4	289.1
¼	4.8	288.7
ct	5.1	288.4
So. Line	5.1	288.4

293.465

T.P.	On Prop Nail SW. Ella	3.91	293.295	5.08	288.385

25' So. of Vassar St.

N Line	4.0	288.3
ct	4.9	287.8
¼	4.1	288.2
c	3.7	288.6
¼	3.7	288.6
ct	3.6	288.7
E Line	3.3	289.0

50' So of Vassar St.

E Line	3.5	288.8
ct	3.8	288.5
¼	3.7	288.6
c	3.7	288.6
¼	4.1	288.2

ct	292.295	4.5	287.8
W Line		4.2	288.0
	75' So. of Vassar St		
W Line		4.9	287.4
ct		4.5	287.8
¼		4.5	287.8
c		4.3	288.0
¼		4.1	288.2
ct		4.0	288.3
E Line		3.8	288.5
	100' So. of Vassar St.		
E Line		4.0	288.3
ct		3.9	288.4
¼		4.1	288.2
c		4.7	287.6
¼	292.295	4.7	287.6
ct		4.7	287.6
W Line		5.0	287.3
	125' So. of Vassar St.		
W Line		5.0	287.3
ct		5.2	287.1
¼		4.9	287.4
c		4.8	287.5
¼		4.3	288.0
ct		4.3	288.0
E Line		4.2	288.1
	150' So. of Vassar St.		
E Line		4.5	287.8
ct		4.5	287.8
¼		4.6	287.7

C	292.295	4.9	287.4
¼A		5.1	287.2
cf		5.3	287.0
W Line		5.2	287.1

175' So. of Vassar St.

W Line		5.5	286.8
cf		5.2	287.1
¼		5.2	287.1
C		4.9	287.4
¼		4.6	287.7
cf		4.6	287.7
E Line		4.8	287.5

200' So. of Vassar St.

E Line		4.7	287.6
cf		4.5	287.8

¼	292.295	5.2	287.1
C		5.3	287.0
¼		5.6	286.7
cf		5.5	286.8
W Line		5.7	286.6

225' So. of Vassar St.

W Line		5.8	286.5
cf		5.8	286.5
¼		5.7	286.6
C		5.5	286.8
¼		5.3	287.1
cf		5.2	287.1
E Line		5.2	287.1

250' So. of Vassar St.

292.295

E Line		5.4	286.9
ct		5.5	286.8
¼		5.5	286.8
c		5.6	286.7
¼		5.8	286.5
ct		6.0	286.3
W Line		6.1	286.2

275' So. of Vassar St

W Line		6.4	285.9
ct		6.3	286.0
¼		6.1	286.2
c		5.8	286.5
¼		5.5	286.8
ct		5.4	286.9
E Line		5.5	286.8

Hunton Ave

No. Prop. Trinity St. 301' So. of Vassar

292.295

E Line		5.9	286.4
ct		5.9	286.4
¼		6.1	286.2
c		6.3	286.0
¼		6.5	285.8
ct		6.6	285.7
W Line		6.7	285.6

T.P.	Chisled N.W. cor Trinity	258	288.145	6.73	285.515

No. Curb of Trinity St.

W Line		2.6	285.5
ct		2.7	285.4
¼		2.7	285.4
c		2.4	285.7
¼		2.0	286.1

ct	288.145	1.7	286.4
E Line		2.0	286.1

No. ¼ of Trinity st.

E Line		2.3	285.8
ct		2.3	285.8
¼		2.4	285.7
c		2.4	285.7
¼		2.8	285.3
ct		2.7	285.4
W Line		2.8	285.3

Center of Trinity st.

W Line		3.2	284.9
ct		3.1	285.0
¼		3.0	285.1
c		2.5	285.6

¼	288.145	2.4	285.7
ct		2.8	285.3
E Line		2.6	285.5

So. ¼ of Trinity st.

E Line		3.0	285.1
ct		2.5	285.6
¼		2.5	285.6
c		2.6	285.5
¼		3.3	284.8
ct		3.4	284.7
W Line		3.6	284.5

So. Curb of Trinity st.

W Line		3.5	284.6
ct		3.4	284.7
¼		3.3	284.8

C	288.145	3.0	285.1
¼		2.9	285.2
ct		3.1	285.0
ELine		3.0	285.1
	So. Prop. Line of Trinity st.		
ELine		2.6	285.5
ct		3.4	284.7
¼		3.5	284.6
C		3.6	284.5
¼		3.4	284.7
ct		3.4	284.7
WLine		3.2	284.9
	25' So. of Trinity st.		
WLine		3.8	284.3
ct		3.9	284.2

¼	288.145	3.6	284.5
C		3.4	284.7
¼		3.0	285.1
ct		3.3	284.8
ELine		3.3	284.8
	50' So. of Trinity st.		
ELine		3.7	284.4
ct		3.9	284.2
¼		3.6	284.5
C		3.9	284.2
¼		3.9	284.2
ct		3.7	284.4
WLine		4.0	284.1

75' So. of Trinity St.

288.145

WLine	4.3	283.8
cb	4.3	283.8
¼	4.4	283.7
c	4.1	284.0
¼	3.8	284.3
cb	4.0	284.1
ELine	3.7	284.4

100' So. of Trinity St.

ELine	4.3	283.8
cb	4.5	283.6
¼	4.3	283.8
c	4.6	283.5
¼	4.4	283.7
cb	4.4	283.7
WLine	4.5	283.6

125' So. of Trinity St.

288.145

WLine	5.0	283.1
cb	5.0	283.1
¼	5.4	282.7
c	5.3	282.8
¼	5.0	283.1
cb	5.1	283.0
ELine	4.7	283.4

150' So. of Trinity St.

WLine	5.2	282.9
cb	4.8	283.3
¼	4.6	283.5
c	5.1	283.0
¼	5.1	283.0
cb	5.3	282.8
ELine	5.4	282.7

175' So. of Trinity St.

288.145

E Line	5.3	282.8
ct	5.8	282.3
¼	5.7	282.4
c	5.6	282.5
¼	5.8	282.3
ct	5.5	282.6
W Line	5.9	282.2

200' So. of Trinity St.

W Line	6.3	281.8
ct	6.0	282.1
¼	5.9	282.2
c	6.1	282.0
¼	6.3	281.8
ct	6.2	281.9
E Line	6.1	282.0

225' So. of Trinity St.

288.145

E Line	6.7	281.4
ct	6.1	282.0
¼	6.4	281.7
c	6.4	281.7
¼	6.5	281.6
ct	6.3	281.8
W Line	6.5	281.6

250' So. of Trinity St.

W Line	6.5	281.6
ct	6.6	281.5
¼	6.6	281.5
c	6.7	281.4
¼	7.0	281.1
ct	7.1	281.0
E Line	6.9	281.2

275' So. of Trinity St

288.145

E Line	7.6	280.5
ct	7.0	281.1
1/4	7.4	280.7
c	7.2	280.9
1/4	7.0	281.1
ct	6.7	281.4
W Line	6.7	281.4

No. Prop Line of Watkins St. 300' So. of Trinity

W Line	6.8	281.3
ct	6.9	281.2
1/4	7.0	281.1
c	7.4	280.7
1/4	7.7	280.4
ct	7.4	280.7
E Line	7.5	280.6

288.145

T.P.	on H wt N.W. cor watkins	2.63	283.26	7.515	280.630

No. Curb of Watkins St.

W Line	3.2	280.1
ct	3.0	280.3
1/4	2.9	280.4
c	2.5	280.8
1/4	2.4	280.9
ct	2.3	281.0
E Line	2.2	281.0

No. 1/4 of Watkins St.

E Line	2.4	280.9
ct	2.4	280.9
1/4	2.6	280.7
c	2.6	280.7
1/4	2.7	280.6

cb	283.26	2.8	280.5
W line		3.0	280.3
	Center of Watkins st.		
W line		3.7	279.6
cb		3.3	280.0
¼		3.0	280.3
c		2.8	280.5
¼		2.6	280.7
cb		2.6	280.7
E line		2.5	280.8
	So. ¼ of Watkins st.		
E line		2.7	280.6
cb		2.6	280.7
¼		2.7	280.6
c		3.0	280.0

¼	283.26	3.3	280.0
cb		3.5	279.8
W line		3.7	279.6
	So. Cnr of Watkins st.		
W line		3.7	279.6
cb		3.4	279.9
¼		3.3	280.0
c		3.1	280.2
¼		2.8	280.5
cb		2.6	280.7
E line		2.8	280.5
	So. Prop Line Watkins st.		
E line		3.0	280.3
cb		2.9	280.4
¼		3.0	280.3

c	283.26	3.0	280.3
¼		3.5	279.8
cb		3.5	279.8
W Line		3.9	279.4
	25' So. of Watkins St.		
W Line		3.8	279.5
cb		3.6	279.7
¼		3.6	279.7
c		3.5	279.8
¼		3.4	279.9
cb		3.3	280.0
E Line		3.3	280.0
	50' So of Watkins St.		
E Line		3.5	279.8
cb		3.4	279.9
¼	283.26	3.6	279.7
c		3.7	279.6
¼		3.8	279.5
cb		4.1	279.2
W Line		4.0	279.3
	75' So. of Watkins St.		
W Line		4.6	278.7
cb		4.3	279.0
¼		4.2	279.1
c		3.8	279.5
¼		3.8	279.5
cb		3.7	279.6
E Line		3.6	279.7
	100' So. of Watkins St.		
E Line		3.8	279.5

cf	283.26	4.0	279.3
¼		4.1	279.2
c		4.1	279.2
¼		4.5	278.8
cf		5.0	278.3
W Line		5.0	278.3

125' So. of Watkins St.

W Line		5.3	278.0
cf		5.0	278.3
¼		4.5	278.8
c		4.5	278.8
¼		4.6	278.7
cf		4.4	278.9
E Line		4.3	279.0

150' So. of Watkins St.

	283.26		
E Line		4.6	278.7
cf		4.6	278.7
¼		4.8	278.5
c		5.0	278.3
¼		5.2	278.1
cf		5.7	277.6
W Line		5.7	277.6

175' So. of Watkins St.

W Line		6.0	277.3
cf		5.5	277.8
¼		5.5	277.8
c		5.0	278.3
¼		5.1	278.2
cf		5.0	278.3
E Line		4.9	278.4

200' So. of Watkins St.

283.26

E Line	5.2	278.1
ct	5.5	277.8
1/4	5.5	277.8
c	5.5	277.8
1/4	5.8	277.5
ct	5.8	277.5
W Line	6.0	277.3

225' So. of Watkins St.

W Line	6.1	277.2
ct	6.2	277.1
1/4	6.1	277.2
c	5.9	277.4
1/4	5.8	277.5
ct	5.5	277.8
E Line	5.4	277.9

250' So. of Watkins St.

283.26

E Line	5.8	277.5
ct	5.9	277.4
1/4	6.1	277.2
c	6.2	277.1
1/4	6.5	276.8
ct	6.6	276.7
W Line	6.7	276.6

275' So. of Watkins St.

W Line	7.0	276.3
ct	7.0	276.3
1/4	7.0	276.3
c	6.6	276.7
1/4	6.5	276.8
ct	6.6	276.7
E Line	6.4	276.9

(Note) Williams. 70 ft. Wide.

No. Prop Line of Williams 300'so. of Main

283.26

E Line		6.6	276.7
ct		6.8	276.5
¼		6.7	276.6
c		6.9	276.4
¼		7.0	276.3
ct		7.4	275.9
W Line		7.4	275.9

No. ¼ of Williams St.

283.26

E Line		7.1	276.4
ct		7.2	276.1
¼		7.2	276.1
c		7.3	276.0
¼		7.6	275.7
ct		7.6	275.7
W Line		7.9	275.4

No. Curb of Williams. St

W Line		7.6	275.7
ct		7.5	275.8
¼		7.3	275.0
c		7.0	276.3
¼		7.0	276.3
ct		7.0	276.3
E Line		6.9	276.4

Center of Williams St.

W Line		8.2	275.1
ct		7.7	275.6
¼		7.7	275.6
c		7.4	275.9
¼		7.3	275.0
ct		7.1	276.2
E Line		7.3	276.0

So. ¼ of Williams St.

283.26

E Line	7.7	275.6
ct	7.3	276.0
¼	7.3	276.0
c	7.5	275.8
¼	7.8	275.5
ct	7.9	275.4
W Line	8.0	275.3

So. Curt of Williams

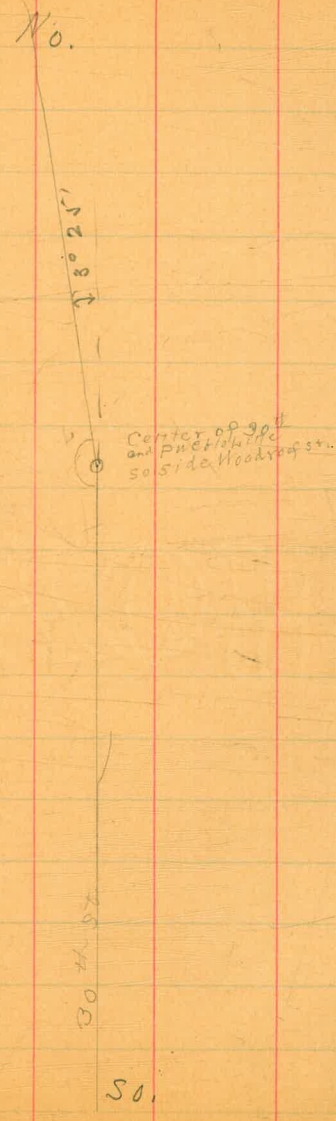
W Line	8.1	275.2
ct	8.1	275.2
¼	8.0	275.3
c	7.8	275.4
¼	7.7	275.6
ct	7.7	275.6
E Line	7.7	275.6

So. Pro R. Line of Williams

283.26

E Line	7.8	275.5
ct	7.6	275.7
¼	7.9	275.4
c	7.8	275.5
¼	8.1	275.2
ct	8.1	275.2
W Line	8.4	274.9
T. P. on Hub S. W. cor Williams	8.26	275.00

W 7.


No.
Center of 90th
and Pueblo Line
so side Woodroof St.
So.

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Return to City Engineers Office
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.		

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