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

25th Street.
Nutmeg Street.

Cedar St.

"C" St. 25th to 26th

400

LEVEL

F.B. 141

141

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

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

TABLE FOR RUNNING ON SLOPES.

MICROFILMED

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.

DEC 7 1964

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

Return to City Engineers Office
City Hall, San Diego, Cal.
141

XS 25th Str. F to K Page 3-50

X Section Nutmeg 1 to 5th 58-71

" " 1st Str. 73-85

" " Cedar 87-95

Levels on Center of Alley Fr. 25-26 betw. B & C. 97-99

Cross Section of C. 24-25 101-113

Alley betw Pierce & RR Levels. 115

So. 28th Str Center Line Levels 117

25th Street.

4th to K. st

0.36 184.52 184.16

Center Line of F st.

West Line	3.5	181.0
Curb.	3.3	181.2
1/4	2.3	182.2
Center	2.8	181.7
1/4	3.8	180.7
Curb	4.2	180.3
East Line	4.5.	✓ 180.

13' So. of Center line of F.

East Line	4.4	180.1
Curb	4.2	180.3
1/4	3.6	180.9
Center	2.3	182.2
1/4	1.9	182.6
Curb	2.3	182.2
West Line	3.6	✓ 180.9

5/7/04

184.52

14' North of So Line of F St.

West Line	3.3	181.2
Curb	2.1	182.4
1/4	2.2	182.3
Center	2.6	181.9
1/4	3.9	180.6
Curb	4.5	180.
East Line	4.7	✓ 179.8

So Line of F. St.

East Line	4.5	180.
Curb	4.7	179.8
1/4	4.5	180.
Center	3.4	181.1
1/4	2.5	182.
Curb	2.3	182.2
West Line	1.9	✓ 182.6

1845-2

75' So of 7 St

West Line	2,4	182.1
Curb	2,7	181.8
1/4	3,0	181.5
	4,0	180.5
Center	4,1	180.4
1/4	4,8	179.7
	5,6	178.9
Curb	4,7	179.8
East Line	5,1 ✓	179.4

50' So of F St

East Line	5,5	179.
	4,9	179.6
13' from East Line	6,0	178.5
Curb	6,0	178.5
1/4	5,2	179.3
	4,8	
Center		179.7
	4,8	179.7
4' from Center	3,9	180.6
1/4	3,8	180.7
Curb	3,7	181.3
West Line	2,1 ✓	181.8

1845-2

75' So. of F St

West Line	3,6	180.9
Curb	4,1	180.4
1/4	4,3	180.2
	4,5	180.
Center	6,2	178.3
1/4	6,1	178.4
	6,7	
Curb		177.8
12' West of East Line	6,0	178.5
East Line	6,0 ✓	178.5

100' So of F St

East Line	6,6	177.9
10' West of East Line	6,4	178.1
Curb	7,0	177.5
1/4	7,1	177.4
Center	6,0	178.5
1/4	5,0	179.5
Curb	4,9	179.6
West Line	4,3 ✓	180.2

1852

125' So of F St.

West Line	5.0	179.5
Curb	5.5	179.0
1/4	5.3	179.2
Center	6.9	177.6
1/4	7.6	176.9
Curb	7.7	176.8
15' West of East Line	7.7	176.8
10' " " " "	7.2	177.3
East Line	7.1	✓ 177.4

150' So of F St,

East Line	7.9	176.6
Curb	8.0	176.5
1/4	8.1	176.4
Center	7.1	177.4
10' West of Center	7.1	177.4
1/4	6.0	178.5
Curb	6.2	178.3
West Line	6.1	✓ 178.4

1852

175' So of F St,

West Line	7.1	177.4
Curb	7.0	177.5
1/4	6.8	177.7
Center	7.9	176.6
1/4	8.2	176.3
Curb	8.7	175.8
East Line	8.3	✓ 176.2

200' So of F St.

East Line	9.3	175.2
Curb	9.2	175.3
1/4	8.8	175.7
Center	8.3	176.2
1/4	7.5	177.0
Curb	7.7	176.8
West Line	7.8	✓ 176.7

184,52

225' So of F St,

West Line	8,6	175.9
Curb	8,4	176.1
1/4	8,1	176.4
12' West of Center.	8,1	176.4
Center	9.2	175.3
1/4	10,0	174.5
Curb	9,9	174.6
East Line	10,0	✓ 174.5

250' So of F St,

East Line	10,4	174.1
Curb	10,4	174.1
1/4	10,5	174.0
Center	10.2	174.3
12' West of Center	8.7	175.8
1/4	8,7	175.8
Curb	9.0	175.5
West Line	9.1	✓ 175.4

25th Street

184,52

275' So of F St,

West Line	9,9	174.6
Curb	9,9	174.6
1/4	9,6	173.9
Center	10,8	173.7
1/4	10,9	173.6
Curb	11,0	173.5
East Line	11,0	✓ 173.0

North Line of "G" Street,

East Line	11,4	173.1
Curb	11,4	173.1
1/4	11,2	173.3
Center	11,3	173.2
8' West of Center	11,3	173.2
1/4	10,0	174.5
Curb	11,0	173.5
West Line	11.5	✓ 173.0

0.34 175.00 9.86 174.66

175.00

14' So of No Line of "G"

West Line	2.9	172.1
Curb	1.8	173.2
1/4	2.0	173.0
Center	2.1	172.9
1/4	2.1	172.9
Curb	2.1	172.9
East Line	2.1	✓ 172.9

27' So of No Line of G St

East Line	2.7	172.3
Curb	2.4	172.6
1/4	2.2	172.8
Center	2.3	172.7
1/4	2.4	172.6
Curb	2.3	172.7
~~East~~ West Line	2.1	✓ 172.3

175.00

Center Line of "G" St {Area March}

West Line	2.9	172.1
Curb	2.4	172.6
1/4	2.6	172.4
Center	2.6	172.4
1/4	2.3	172.7
Curb	2.4	172.6
East Line	3.0	✓ 172.0

Center Line at G St {Area So.}

East Line	4.1	170.9
Curb	4.4	170.6
1/4	4.4	170.6
Center	3.6	171.4
	2.6	172.4
1/4	2.6	172.4
Curb	2.4	172.6
West Line	2.9	✓ 172.1

175.00

27' No. of So. Line of "G" St.

East Line	4.6	170.4
Curb	4.7	170.3
1/4	4.6	170.4
Center	3.7	171.3
1/4	3.2	171.8
Curb	3.1	171.9
West Line	3.8	✓ 171.2

14' No. of So. Line of "G" St.

West Line	4.2	170.8
Curb	3.8	171.2
1/4	3.8	171.2
Center	3.7 4.4	171.8 170.6
1/4	4.8	170.2
Curb	5.2 4.6	169.8 170.4
East Line	4.6 4.5	170.4 ✓ 170.5

175.00

So Line of "G" St.

East Line	4.4	170.6
16' West of East Line	4.9	170.1
" " " " "	5.6	169.4
Curb	5.6	169.4
1/4	5.3	169.7
Center	5.0 3.7	170.0 171.3
1/4	4.4	170.6
Curb	4.6	170.4
10' East of West Line	4.3 3.0	170.7 172.0
West Line	3.5	✓ 171.5

175.00

25' So. of G St.

West Line	4.0	171.0
10' East of West Line	4.0	171.0
12' East " " "	5.4	169.6
Curb.	5.8	169.2
1/4	6.0	169.0
Center	5.2 West 6.1 East	169.8 168.9
1/4	6.4	168.6
Curb	6.9	168.1
15' West of East Line	6.0	169.0
East Line	5.1	✓169.9

50' So of "G"

East Line	6.5	168.5
14' West of East Line	7.1	167.9
Curb	8.0	167.0
1/4	7.6	167.4
Center	7.0 East 6.1 West	168.0 168.9

175.00

1/4	7.0	168.0
Curb	7.0	168.0
12' East of West Line	6.5	168.5
12' " " " "	5.1	169.9
West Line	5.4	✓169.6

75' So of G St

West Line	6.6	168.4
14' East of West Line	6.2 7.5	168.8 167.5
Curb	7.8	167.2
1/4	7.7	167.3
Center	7.3 8.3	167.7 166.7
1/4.	8.6	166.4
Curb	9.2	165.8
16' West of East Line	9.2 West 8.2 East	165.8 166.8
East Line	7.5	✓167.5

175.00

100' So. of "G" Street.

East Line	8.7	166.3
1½' West of East Line	9.5	165.5
Curb	10.2	164.8
¼	9.7	165.3
	9.2	165.8
Center	8.4	166.6
¼	8.7	166.3
Curb	8.7	166.3
13' East of West Line	8.9 East	166.1
	7.6 West	167.4
West Line	8.0	✓ 167.0

125' So of "G" St.

West Line	8.7	166.3
13' ~~West~~ East of West Line	8.2	166.8
	9.7	165.3
Curb	10.1	164.9
¼	9.8	165.2
	9.4	165.6
Center	10.4	164.6
¼	10.7	164.3

175.00

Curb	11.5	163.5
1½' West of East Line	10.4	164.6
East Line	9.4	✓ 165.6

150' So of "G" St,

East Line	9.3	165.7
1' West of East Line	10.6	164.4
15' " " " "	11.4	163.6
Curb	12.2	162.8
¼	11.8	163.2
	11.4	163.6
Center		
6' West of Center	10.1	164.9
¼	10.7	164.3
Curb	10.9	164.1
	11.0	164.0
14' East of West Line	10.0	165.0
West Line	10.0	✓ 165.0

175,00

175' So of G St.

West Line	10,4		164.6
	10,1		164.9
1' East of West Line			
17' " " " "	11,0		164.0
Curb	11,9		163.1
½	11,5		163.5
2' West of Center	11,4		163.6
Center	12,5		162.5
½	13,0		162.0
Curb	13,3		161.7
1' West of East Line	12,6		162.4
2' " " " "	12,2		162.8
East Line	10.0		✓ 165.0
	2.265	164,865	12,90	162,10

164,36

200' So of "G" Street.

East Line	0,6	163,8
1' West of East Line	2,4	162,0
15' " " " "	3,1	161,3
Curb	3,7	160,7
½	3,3	161,1
Center	3,1 East	161,3
	1,3 West	163,1
½	1,4	163,0
Curb	2,0	162,4
12' East of West Line	2,0	162,4
	0,7	163,7
West Line	1,0	✓ 163,4

1643C

275' So of "G" St.

West Line	2.0	162.4
11' East of West Line	1.6	162.8
	2.7	161.7
Curb	3.0	161.4
22' West of Center	2.0	162.4
1/4	2.1	162.3
2' West of Center	2.1	162.3
Center	3.9	160.5
1/4	4.5	159.9
Curb	4.9	159.5
15' West of East Line	4.1	160.3
East Line	3.2	✓161.2

175' So of "G" St.

East Line	4.3	160.1
16' West of East Line	5.1	159.3
18' " " " " "	6.2	158.2
Curb	5.9	158.5
1/4	5.4	159.0

1643C

Center	5.0	159.4
	3.1	161.3
1/4	3.0	161.4
20' West of Center	2.9	161.5
Curb	3.6	160.8
12' East of West Line	3.6	160.8
	2.4	162.0
West Line	2.9	✓161.5

275' So of "G" St

West Line	4.1	160.3
Curb	4.2	160.2
1/4	4.3	160.1
Center	3.9	160.5
	5.9	158.5
1/4	6.6	157.8
Curb	6.9	157.5
East Line	5.4	✓159.0

16436

No. Line of "H" Street.

East Line	6.5	157.9
Curb	7.3	157.1
½	7.2	157.2
Center	7.2	157.2
	5.4	159.0
½	5.4	159.0
Curb	5.7	158.7
West Line.	4.4	✓ 160.0

16' So. of No. line of "H" St.

West Line.	7.4	157.6
Curb	6.7	157.7
½	6.3	158.1
Center	6.1	158.3
	7.4	157.0
½	7.7	156.7
Curb	7.8	156.6
East Line	7.4	✓ 157.0

33' So. of No. Line of "H"

East Line	7.5	156.9
Curb.	7.8	156.6
½	8.1	156.3
Center	7.8	156.6
	6.6	157.8
½	6.9	157.5
Curb	7.1	157.3
West Line	8.1	✓ 156.3

Center Line of "H" Street. } are no. 71

West Line	8.2	156.2
Curb	7.7	156.7
½	7.6	156.8
Center	7.4	157.0
	7.6	156.6
½	8.1	156.3
Curb	8.1	156.3
East Line	7.5	✓ 156.9

164,36

Center Line of "H" St. (same Sta.)

East Line	7.1	157.3
Curb	7.4	157.0
1/4	7.4	157.0
Center	7.4	157.0
1/4	7.6	156.8
Curb	7.7	156.7
West Line	8.2	✓ 156.2

33' No of So. Line of H

East Line	8.1	156.3
Curb	8.0	156.4
1/4	8.3	156.1
Center	7.9	156.5
1/4	8.2	156.2
Curb	8.3	156.1
West Line	8.9	✓ 155.5

164,36

16' No of So Line of "H" St.

West Line	10.1	154.3
	9.3	155.1
Curb	9.1	155.3
1/4	8.8	155.6
Center	8.8	156.1
1/4	8.5	155.9
Curb	8.6	155.8
East Line	8.5	✓ 155.9

So Line of "H" Street

East Line	8.8	156.1
Curb	8.3	156.1
1/4	8.5	155.9
Center	8.9	155.5
1/4	9.9	154.5
Curb	10.2	154.2
16' East of West Line	10.2	154.2
	9.4	155.0
West Line	9.2	✓ 155.2

0.65 156.91 8.10 152.26

1569'

25' So of H Street.

West Line	2,9	154.0
Curb	3,7	153.2
1/4	3,3	153.6
Center	1,9	155.0
7' East of Center	1,3	155.6
1/4	1,0	155.9
Curb	1,4	155.5
East Line	1,8	✓155.1

50' So of H. St.

East Line	4,0	152.9
Curb	2,9	154.0
1/4	3,6	154.3
Center	3,8	154.1
1/4	3,4	154.5
Curb	4,1	152.2
West Line	4,2	✓152.1

1569'

75' So of H" St.

West Line	6,2	150.7
	6,3	150.6
Curb	5,1	151.8
1/4	4,7	152.2
Center	4,6	152.3
1/4	4,7	152.2
Curb	4,8	152.1
East Line	5,6	✓151.3

100' So of H"

East Line,	7,7	149.2
Curb	7,3	149.6
1/4	6,7	150.2
Center	6,8	150.1
1/4	6,8	150.1
Curb	6,7	150.2
	7,7	149.2
West Line	7,6	✓149.3

15691

125' So. of "H"

West Line	9,4	147.5
Curb	9,6	147.3
1/4	8,7	148.2
Center	8,9	148.0
1/4	8,7	148.2
Curb	9,1	147.8
East Line	10,1	✓ 146.8

150' So. of "H"

East Line	12,1	144.8
Curb	11,4	145.5
1/4	11,0	145.9
Center	11,0	145.9
1/4	10,8	146.1
Curb	11,1	145.8
10' East of West Line	11,4	144.7
West Line	11,6	✓ 144.3
1.34 14617	12.08	144.43

14617

175' So of "H" St.

West Line	3,4	142.8
16' East of West Line	3,6	142.6
Curb	2,1	144.1
1/4	2,4	143.8
Center	2,3	143.9
1/4	2,2	144.0
Curb	2,4	143.8
East Line	2,9	✓ 143.3

700' So of "H" Street

East Line	4,9	141.3
Curb	4,6	141.6
1/4	4,3	141.9
Center	4,5	141.7
1/4	4,1	142.1
Curb	4,0	142.2
17' East of West Line	5,3	140.7
West Line	4.9	✓ 141.3

146,17

225' So of "H" Street

West Line	6,2	140.0
13' East of West Line	6,8	139.4
Curb	6,0	140.2
1/4	6,3	139.9
Center	6,5	139.7
1/4	6,4	139.8
Curb	6,6	139.6
12' West of East Line	7,4	138.8
East Line	6,7	✓ 139.5

250' So of H Street

East Line	8,6	137.6
Curb	8,8	137.4
1/4	8,5	137.7
Center	8,7	137.5
1/4	8,4	137.8
Curb	8,4	137.8
West Line	7,9	✓ 138.3

146,17

275' So of "H" Street,

West Line	9,7	1365
Curb	10,5	135.7
1/4	10,6	135.6
Center	11,0	135.2
1/4	10,7	135.5
Curb	11,1	135.1
East Line	10,5	✓ 135.7

No. Line of I. Street

East Line	12,4	133.8
Curb	12,7	133.5
1/4	12,3	133.9
Center	13,0	133.2
1/4	12,5	133.7
Curb	13,0	133.2
West Line	12,2	✓ 134.0

141 134.8v 12,76 133.41

1348.2

14' So of No Line of I.

West Line	4.2	130.6
Curb	3.4	131.4
1/4	3.2	131.6
Center	2.6	132.2
1/4	2.4	132.4
Curb	2.7	132.1
East Line	3.5	✓132.3

27' So of north line of I.

East Line	3.9	130.9
Curb	3.6	131.2
1/4	3.2	131.6
Center	3.5	131.3
1/4	3.4	131.2
Curb	4.2	130.6
West Line	4.6	130.2

✓

1348.2

Center Line of I st,

West Line	5.3	129.5
Curb	4.8	130.0
1/4	4.3	130.5
Center	4.1	130.7
1/4	3.9	130.9
Curb	4.1	130.7
East Line	4.8	✓130.0

27' N° of So Line of I,

East Line	5.7	129.1
Curb	4.8	130.0
1/4	4.5	130.3
Center	4.6	130.2
1/4	4.9	129.9
Curb	5.5	129.3
West Line	6.1	✓128.7

1348.2

14' No of So Line of I.

West Line	6,1	128.7
Curb	6,1	128.7
1/4	5,5	129.3
Center	5,2	129.6
1/4	5,4	129.4
Curb	6,0	128.8
East Line	6,9	✓127.9

So Line of I Street

East Line	7,3	127.5
Curb	6,8	128.0
1/4	6,1	128.7
Center	6,1	128.7
1/4	5,9	128,9
Curb	6,4	128.4
West Line	6,8	✓128.0

1348.2

25' So of So Line of I St

West Line	7,6	127.2
Curb	7,5	127.5
1/4	8,0	126.8
Center	8,0	126.8
1/4	8,0	126.8
Curb	8,5	126.3
East Line	8,6	✓126.2

50' So of I St.

East Line	10,6	124.2
Curb	10,5	124.3
1/4	9,7	125.1
Center	9,7	125.1
1/4	9,7	125.1
Curb	9,7	125.1
West Line	9,3	✓125.5

134,82

75' So of I St,

West Line		11,0	123.8
Curb		11,3	123.5
1/4		11,3	123.5
Center		11,6	123.2
1/4		11,7	123.1
Curb		12,0	122.8
East Line		12,4	✓ 122.4
	0,63 123,76	11,69	123.13

100' So of I St,

East Line		8,2	120.6
Curb		7,5	121.3
1/4		7,9	121.9
Center		8,1	121.7
1/4		8,1	121.7
Curb		7,9	121.9
West Line		8,1	✓ 121.7

123,76

125' So of I St,

West Line		3,6	120.2
Curb		3,4	120.4
1/4		3,8	120.0
Center		4,1	119.7
1/4		3,4	120.4
Curb		4,3	119.5
East Line		4,2	✓ 119.6

150' So of I St,

East Line		5,8	118.0
Curb		5,7	118.1
1/4		5,3	118.5
Center		5,9	117.9
1/4		5,8	118.0
Curb		5,7	118,1
West Line		5,7	✓ 118.1

123,76

175' So of I St.

West Line	7,7	116.1
Curb	7,4	116.4
1/4	7,4	116.4
Center	7,4	116.4
6' East of Center	6,8	117.0
1/4	6,8	117.0
Curb	7.0	116.8
East Line	7,0	✓ 116.8

200' So of I St

East Line	8,9	114.9
Curb	8,8	115.0
1/4	8,5	115.3
6' East of Center	8,8	115.0
Center	9,5	114.3
1/4	9,5	114.3
Curb	9,5	114.3
West Line	10,7	✓ 113.6

123,76

225' So of I St.

West Line	12,3	111.5
15' East of West Line	11,6	112,2
Curb	12,5	111,3
1/4	12,1 11,6	111,7 112,2
Center	11,8	112.0
1/4	11,6	112,2
Curb	11,5	112,3
East Line	10,8	✓ 113,0

0,61 112,13 12,24 111,52

250' So of I St.

East Line	1.7	110.4
Curb	2.2	109,9
1/4	2,8	109,3
Center	3,1	109.0
1/4	3,2	108,9
Curb	3,6 2,6	108.5 109,5
West Line	3,0	✓ 109,1

11/2/13

275' So of I. St

West Line	5.5	106.6
Curb	4.8	107.3
	6.2	105.9
1/4	6.3	105.8
Center	6.3	105.8
1/4	6.0	106.1
Curb	5.3	106.8
East Line	5.2	✓ 106.9

North Line of J St (Alley No 2)

East Line	8.0	104.1
Curb	8.7	103.4
1/4	8.7	103.4
Center	9.1	103.0
1/4	8.5	103.6
Curb	8.7	103.4
	7.3	104.8
West Line	7.4	✓ 104.7

11/2/13

North Line of J St (Alley No 2)

West Line	10.6	101.6
Curb	9.8	102.3
1/4	8.5	103.6
Center	9.1	103.0
1/4	8.7	103.4
Curb	8.7	103.4
East Line	8.0	✓ 104.1

14' So of No Line of J St

West Line	11.2	100.9
Curb	10.4	101.7
1/4	9.9	102.2
Center	10.3	101.8
1/4	9.6	102.3
Curb	9.8	102.3
East Line	10.1	✓ 101.9

0.71 102.43 10.41 101.72

10243

27' So of no Line

West Line	1,7	100.7
Curb	1,4	101.0
1/4	0,8	101.6
Center	0,9	101.5
1/4	1,0	101.4
Curb	0,8	101.6
East Line	1,3	✓ 101.1

Center Line of 1st,

East Line	2,1	100.3
Curb	1,7	100.7
1/4	1,8	100.6
Center	1,0	100.4
1/4	1,4	101.0
Curb	1,7	100.7
West Line	1,9	✓ 100.5

10243

27' No of So Line of 1

West Line	2,6	99.8
Curb	2,6	99.8
1/4	2,0	100.4
Center	2,4	100.0
1/4	2,5	99.6
Curb	2,6	99.8
East Line	2,4	✓ 100.0

14' no. of So Line of 1

East Line	3,4	98.8
Curb	3,6	98.8
1/4	3,5	98.9
Center	3,5	98.9
1/4	3,0	99.4
Curb	3,1	99.3
West Line	3,8	✓ 98.6

10243

South Line of J St

West Line	4,0	98.4
Curb	4,4	98.0
1/4	4,6	97.8
Center	5,1	97.3
1/4	5,0	97.4
Curb	4,9	97.5
East Line	4,4	✓ 98.0

25' So of J St

East Line	7,0	95.4
Curb	7,0	95.4
1/4	7,0	95.4
Center	7,4	95.0
1/4	7,3	95.1
Curb	7,2	95.2
West Line	7,1	✓ 95.3

10243

50' So of J St

West Line	9,3	93.1
Curb	9,2	93.2
1/4	8,9	93.5
Center	8,9	93.5
1/4	8,9	93.5
Curb	8,8	93.6
East Line	8,8	✓ 93.6

75' So of J St

East Line	10,2	92.2
Curb	10,0	91.9
1/4	10,0	91.9
Center	10,7	91.7
1/4	10,7	91.7
Curb	10,4	92.0
West Line	10,7	✓ 91.7

102,43

100' So of 1st

West Line	12,5	89.9
Curb	12,5	89.9
1/4	12,6	89.8
Center	12,4	90.0
1/4	12,2	90.2
Curb	12,1	90.3
East Line	12,0	✓ 90.4

0,83 90,39 12,87 89,56

125' So of 1st

East Line	1,2	89.2
Curb	1,4	89.0
1/4	1,5	88.9
Center	1,9	88.5
1/4	2,5	87.9
Curb	2,1	88.3
West Line	2,3	✓ 88.1

90,39

150' So of 1st

West Line	4,3	86.1
Curb	4,6	85.8
1/4	4,1	86.3
Center	3,8	86.6
1/4	3,2	87.2
Curb	3,4	87.0
East Line	3,2	✓ 87.2

175' So of 1st

East Line	4,2	86.2
Curb	4,8	85.6
1/4	5,0	85.4
Center	5,8	84.6
1/4	5,9	84.5
Curb	5,8	84.6
West Line	5,8	✓ 84.6

9039

200 ft So of S 1st

West Line	7,4		83.0
Curb	7,4		83.0
1/4	7,4		83.0
Center	7,2		83.2
1/4	6,7		83.7
Curb	6,1		84.3
~~West~~ East Line	6,5	✓	84.9

225 So of S 2nd

East Line	6,5		83.9
Curb	7,4		83.0
1/4	7,7		82.7
Center	8,2		82.2
1/4	8,4		82.0
Curb	8,6		81.8
West Line	8,4	✓	82.0

9039

250 So of S

West Line	9,8		80.6
Curb	9,8		80.6
1/4	9,3		81.1
Center	9,0		81.4
1/4	9,1		81.3
Curb	8,5		81.9
East Line	8,0	✓	82.4

275 So of S

East Line	9,0		81.4
Curb	9,6		80.8
1/4	9,7		80.7
Center	10,2		80.2
1/4	10,6		79.8
Curb	10,6		79.8
West Line	10,7	✓	79.7

25th Street 5/7/04
to K.

9039

North Line of K.st

West Line		11,5		78.9
Curb		12,0		78.4
1/4		11,7		78.7
Center		11,0		79.4
1/4		10,4		80.0
Curb		10,6		79.8
East Line		10,2		80.2
0,84	79.87	9,68	80 71	
		+0,61	80,48	

Cross Section of Nutmeg St from 1st to 5th

5/8/04 { W. Davis, J. Davis, Woodworth

	+	ϕ		Ele B.M. 14 Nutmeg
	8.23	24345		235.22
		E line of 1st		
No line			11.9	231.5
Curb			11.8	231.6
1/4			11.8	231.6
Center			11.9	231.5
1/4			12.0	231.4
Curb			12.0	231.4
So. line			13.2	230.2
		25' E of 1st		
So. line			11.1	232.3
Curb			10.7	232.7
1/4			10.7	232.7
Center			10.3	233.1
1/4			10.7	232.7
Curb			10.7	232.7
No line			10.0	233.4

	50' E of 1st		
No line	24345	8.70	234.7
Curb		9.6	233.8
1/4		9.2	234.2
Center		8.7	234.7
1/4		9.0	234.4
Curb		9.4	234.0
So. line		9.9	233.5
	75' E of 1st		
So line		7.8	235.6
Curb		7.7	235.7
1/4		7.4	236.0
Center		7.3	236.1
1/4		8.0	235.4
Curb		7.7	235.7
No. line		7.2	236.2

243.45

100' E of 1st

No line		5.5	237.9
Curb		5.6	237.8
1/4		5.9	237.5
Center		5.8	237.6
1/4		5.9	237.5
Curb		5.8	237.6
So. line		5.7	237.7

125' E of 1st.

So line		3.5	239.9
Curb		3.9	239.5
1/4		4.1	239.3
Cent.		3.9	239.5
1/4		3.8	239.6
Cent.		3.8	239.6
No. line		2.4	241.0

243.45

100' E of 1st

No line		0.8	242.6
Curb		1.6	241.8
1/4		1.8	241.6
Cent		1.9	241.5
1/4		1.5	241.9
Curb		1.5	241.9
So line		2.0	241.4
T.P	855	2.5129	0.71	242.74

175' E of 1st.

So line		8.3	243.0
Curb		7.3	244.0
1/4		7.0	244.3
Cent.		6.8	244.5
1/4		6.8	244.5
Curb		6.9	244.4
N line		6.7	244.6

West line of 2nd

251.29

No line	5.0	246.3
Curb	5.3 on cb.	246.0 cb
	5.7	245.6
¼	5.8	245.5
Cent	5.6	245.7
¼	5.9	245.4
Curb	6.3	245.0
So line	6.1	245.2

Curb line W side 2nd

So line	6.3 on cb	245.0 cb
	6.6	244.8
Cb.	6.6	244.8
¼	6.3	245.0
C	6.2	245.1
¼	6.1	245.2
Cb.	5.9	245.4
No line	5.3 on cb	246.0 cb
	5.7	245.6

¼ W side 2nd

251.29

No line	5.4	245.9
Cb.	5.6	245.7
¼	5.6	245.7
Cent.	5.8	245.5
¼	5.9	245.4
Cb.	6.3	245.0
So line	6.3	245.0

Cente of 2nd

So line	5.7	245.6
Cb.	5.8	245.5
¼	5.6	245.7
Cent.	5.4	245.9
¼	5.1	246.2
Cb	5.1	246.2
No line	4.7	246.6

¼ E side 2nd

251.29

No line	4.5	246.8
cb.	4.7	246.6
¼	5.0	246.3
Cent.	5.3	246.0
¼	5.4	245.9
cb.	5.5	245.8
So. line	5.7	245.6

Cent line E side 2nd

	5.25 on cb	246.04
So line	5.7	245.6
cb.	5.5	245.8
¼	5.2	246.1
Cent	5.0	246.3
¼	4.9	246.4
cb	4.8	246.5
	4.29 on cb	247.02
No line	4.4	246.7

E line of 2nd.

251.29

No line	4.0	247.3
	4.25 on cb.	247.04
cb	4.5	246.8
¼	4.6	246.7
Cent	4.8	246.5
¼	5.1	246.2
cb	5.25 on cb.	246.04
So line	5.0	246.3

25' E of 2nd.

So. line	3.7	247.6
cb	4.2	247.1
¼	4.1	247.2
Cent	3.7	247.6
¼	3.8	247.5
	3.0	248.3
cb	3.5	247.8
No line	2.6	248.7

50' E of 2nd

251.29

No line		1.5	249.8
Cb		2.0	249.3
		2.7	248.6
¼		2.8	248.5
Cent		2.6	248.7
¼		2.9	248.4
Cb.		3.4	247.9
So line		2.9	248.4

75' E of 2nd

So line		2.8	248.5
Cb		2.2	249.1
¼		2.3	249.0
Cent		1.6	249.7
¼		1.6	249.7
		0.9	250.4
Cb		1.6	249.7
No line		0.6	250.7
T. P	11.63	261.76	1.16	250.13

100' E of 2nd

261.76

No line	9.1	252.7
	9.8	252.0
Cb	10.3	251.5
¼	10.4	251.4
C	10.1	251.7
¼	10.7	251.1
Cent	10.5	251.3
So line	9.6	252.2

125' E of 2nd

So line	7.0	254.8
Cb.	7.1	254.7
¼	7.4	254.4
Cent.	7.1	254.7
¼	7.1	254.7
Cb.	6.8	255.0
No. line	5.5	256.3

150' E of 2nd.

261.76

No line	5.6	256.2
Cb.	6.1	255.7
1/4	6.4	255.4
C	6.6	255.2
1/4	6.7	255.1
Cb	6.9	254.9
So line	7.0	254.8

175' E of 2nd.

So line	6.5	255.3
Cb	6.6	255.2
	7.0	254.8
1/4	6.5	255.3
C	6.2	255.6
1/4	6.1	255.7
Cb.	5.7	256.1
No line	5.6	256.2

West line of 3rd.

261.76

No line	5.0	256.8
Cb	5.3	256.5
1/4	5.6	256.2
C	5.8	256.0
1/4	6.0	255.8
	6.8	255.0
Cb	7.0	254.8
So line	6.4	255.2

Curb line West side 3rd.

So line	6.8	255.0
Cb	6.7	255.1
1/4	6.1	255.7
C	5.6	256.2
1/4	5.5	256.3
Cb.	5.2	256.6
No line	4.6	257.2

¼ West side of 3rd.

261.76

No line	4.4	257.4
cb	4.8	257.0
¼	5.1	256.7
c	5.5	256.3
¼	5.8	256.0
cb.	4.0	255.8
So line	4.5	255.3

Center of 3rd.

So line	6.1	255.7
cb	5.7	256.1
¼	5.5	256.3
c	5.2	256.6
¼	4.8	257.0
cb.	4.6	257.2
No line	4.0	257.8

¼ East side 3rd

261.76

No line	3.7	258.1
cb	4.2	257.6
¼	4.4	257.4
c	4.8	257.0
¼	5.1	256.7
cb	5.4	256.4
So line	5.9	255.9

cmb line E side 3rd.

	5.25 on cb.	256.51
So line	5.7	256.1
cb.	5.4	256.4
¼	4.8	257.0
C	4.4	257.4
¼	4.9	256.9
cb	3.9	257.9
No line	3.6	258.2

E line of 3nd

		261.76			
No line			3.7		258.1
			3.2		258.6
Cb			5.3		256.5
1/4			5.3		256.5
C			4.9		256.9
1/4			5.3		256.5
			5.2 on cb		256.6
Cb			5.7		256.1
So line			4.9		256.9
T.P	5.49	266.56	0.69	261.07	
			4.91	261.65 =	Chk on BM 4 & Nutmeg +0.02
	6.52	∅268.15			BM 261.63

E. line of 4th.

No line			4.9		263.2
cb.			5.4		262.7
1/4			5.5		262.6
C			5.7		262.4
1/4			5.9		262.2

		268.15			
Curb			6.1		262.0
So line			5.9		262.2
		25' E of 4th			
So line			6.5		261.6
Curb			6.5		261.6
1/4			6.6		261.5
6'50 of C.			6.5		261.6
C.			5.9		262.2
1/4			5.6		262.5
Curb.			5.5		262.6
No line			5.3		262.8
		50' E of 4th			
No line			5.0		263.1
Curb			5.1		263.0
1/4			5.3		262.8
C			5.5		262.6
5'50 of C			6.8		261.3

268.15

So ¼	6.8	261.3
Curb	6.8	261.3
So line	7.2	260.9
75' E of 4th		
So line	6.6	261.5
Curb	6.7	261.4
¼	6.4	261.7
C.	6.2	261.9
¼	4.7	263.4
Cb.	4.6	263.5
No line	4.5	263.6
100' E of 4th		
No line	4.2	263.9
Curb	4.3	263.8
¼	4.8	263.3
C	5.6	262.5
¼	6.4	261.7

268.15

Cb	6.4	261.7
So line	6.9	261.2
115' E of 4th		
So line	6.9	261.2
Curb	6.4	261.7
¼	6.3	261.8
Cent.	5.7	262.4
¼	5.4	262.7
Cb.	5.0	263.1
No line	4.8	263.3
125' E of 4th		
No line	4.6	263.5
Cb	4.9	263.2
¼	5.3	262.8
C.	5.7	262.4
¼	6.3	261.8
Cb.	4.7	261.4
So line	6.9	261.2

Meting St. Davis

100' E of 4th

268.15

So line	4.8	261.3
Cb.	5.7	262.4
¼	6.1	262.0
C	5.6	262.5
¼	5.1	263.0
Cb.	4.7	263.4
No line	4.4	263.5

175' E of 4th

No line	4.1	264.0
Cmb	4.6	263.5
¼	5.0	263.1
C	5.4	262.7
¼	5.4	262.7
Cmb	5.7	262.4
So line	6.6	261.5

W. line of 5th

268.15

So line	4.8	263.3
Cmb	5.1	263.0
¼	4.4	263.7
C	4.2	263.9
¼	4.1	264.0
	3.1	266.0
	3.5	264.6
Cmb		
No line	2.9	265.2

1st Street + Section.

		H.I.		
	0.43	101.65		101.22
	1.59	90.87	12.37	89.28
BM.			8.23	82.64

So Line Date St.

West Curb		8.5	82.37
Gutter		9.1	81.77
1/4		8.3	82.47
Center		7.7	83.17
1/4		7.8	83.07
Gutter		7.6	83.27
Curb East		6.9	83.93

25' So of Date.

East Gutter		8.6	82.27
1/4		8.6	82.27
Center		8.8	82.07
1/4		9.2	81.67
West gutter		9.9	80.97

Hutchison 6/10/04

Spk in Elec. Pole S.W. Cor. 1st and Date.

50' So of Date

West Gutter	90.87	10.9	79.97
1/4		10.4	80.47
Center		10.1	80.77
1/4		9.8	81.07
East Gutter		9.6	81.27

75' So of Date

East Gutter		10.6	80.27
1/4		11.0	7987
Center		11.2	79.67
1/4		11.6	79.27
West Gutter.		12.2	78.67
	0.50	78.89	12.48	78.39

1st Street

7.89

100' So of Data.

West Gutter	1.5	77.39
1/4	0.9	77.99
Center	0.4	78.49
1/4	0.1	78.79
East Gutter	0.0	78.89

125' So of Data.

East Gutter	1.5	77.39
1/4	1.3	77.59
Center	1.6	77.29
1/4	2.1	76.79
West Gutter.	1.8	76.09

7.89

150' So of Data

West Gutter.	3.9	74.99
1/4	3.3	75.59
Center	2.8	76.09
1/4	2.5	76.39
East Gutter.	2.5	76.39

175' So. of Data.

East Gutter.	3.6	75.29
1/4	3.5	75.39
Center	4.0	74.89
1/4	4.2	74.69
West Gutter	4.8	74.09

200' So. of Data

West Gutter	6.1	72.79
1/4	5.7	73.19
Center	5.1	73.79
1/4	4.8	74.09
East Gutter	4.6	74.29

225' So of Date

East Gutter	78.89	5.5	73.39
1/4		5.8	73.09
Center		6.2	72.69
1/4		6.6	72.29
West Gutter		7.4	71.49

250' So of Date

West Gutter		8.5	70.39
1/4		7.7	71.19
Center		7.3	71.59
1/4		6.7	72.19
East Gutter		6.8	72.09

275' So of Date

East Gutter		7.8	71.09
7' West of East Curb		7.3	71.59
1/4		7.6	71.29
center		9.4	70.49
1/4		9.5	70.39
West Gutter		9.5	69.39

1-St

78.89

	2.73	72.80	8.82	70.07

No Fine Cedars

West Curb + Gutter.	4.25	68.55
5' East of West Curb	3.4	69.40
1/4	2.9	69.90
6' West of Center.	2.7	70.10
Center	2.9	69.90
8' East of Center	2.2	70.60
1/4	2.0	70.80
8' West of East Curb	1.9	70.90
East Gutter	2.3	70.50

72.80

14' So. of ~~Ce~~ No Line Cedar,

East Line	2,4	70.40
Curb	2,5	70.30
1/4	2,1	70.70
9' East of Center	2,2	70.60
Center	3.2	69.60
8' West of Center	2,7	70.10
1/4	3,1	69.70
Curb	4,0	68.80
West Line	4,7	68.10

27' So. of No Line of Cedar,

West Line	4,5	68.30
Curb	3,6	69.20
1/4	3,1	69.70
Center	3,3	69.50
1/4	2,3	70.50
Curb	2,3	70.50
East Line	2.1	70.70

72,80

Center Line of Cedar,

West Line	4,2	68,6
Curb	3,6	69.20
1/4	3,2	69.60
7' West of Center	3,2	69.60
Center	3,4	69.40
1/4	2,5	70.30
20' East of Center	2.2	70.60
Curb	2,7	70.10
East Property Line	1,8	71.00

27' No of So Line of Cedar,

West Line	4,3	68.50
Curb	3.9	68.90
1/4	3,5	69.30
Center	3,5	69.30
1/4	2,6	70.20
20' East of Center Line	2.4	70.40
Curb	2.8	70.00
East Line	2.0	70.80

1st "

Hutchison 6/10/04

72.80

14' No of So Line of Cedars.

East Curb	2.74	70.06
" Gutter	3.0	69.80
20' East of Center	2.6	70.20
1/4	2.8	70.00
Center	3.7	69.10
7' West of Center.	3.5	69.30
1/4	3.7	69.10
West Gutter	4.8	68.00

72.80

So Line of Cedars.

West Curb	4.71	68.09
" Gutter	4.7	68.10
1/4	3.9	68.90
8' West of Center	3.6	69.20
Center	3.8	69.00
1/4	3.0	69.80
~~East of Center~~ Gutter	3.0	69.80
Curb	1.78	70.02

Hutchison 6/11/04

72.80

BM.	0.36	72.28	0.88	71.92

S.E. Cor Center of 1st " M King Hyd

25' So of Cedars.

East Gutter.	72.28	3.0	69.28
1/4		2.9	69.38
Center		3.8	68.48
1/4		3.8	68.48
West Gutter		4.6	67.68

50' So of Cedars.

West Gutter	5.3	66.98
1/4	4.5	67.78
Center	4.1	68.18
1/4	3.5	68.78
East Gutter	3.5	68.78

72,28

75' So of Cedar.

East Gutter	4.3	67.98
1/4	4.0	68.28
Center	4.6	67.68
1/2	4.9	67.38
West Gutter	5.7	6658

100' So of Cedar.

West Gutter	6.2	66.08
1/4	5.2	67.08
Center	5.0	67.28
1/2	4.7	67.58
East Gutter	4.7	67.58

125' So of Cedar

East Gutter	5.4	66.88
1/4	5.4	66.88
Center	5.5	66.78
1/4	5.5	66.78
West Gutter	6.1	65.68

150' So of Cedar

West Gutter	6.8	65.48
1/4	5.7	6658
Center	5.9	66.38
1/4	5.8	66.48
East Gutter	5.7	66.58

175' So of Cedar.

East Gutter	6.3	65.98
1/4	6.1	66.18
Center	6.3	6598
1/2	6.2	66.08
West Gutter	7.2	65.08

200' So of Cedar.

West Gutter	7.7	64.58
1/4	6.8	65.48
Center	6.9	65.38
1/4	6.2	66.08
East Gutter	6.4	65.88

1st Street

225' So of Cedar.

East Gutter	72.28	7.1	65.18
1/4		6.8	65.48
Center		7.3	64.98
1/4		7.1	65.18
West Gutter		8.1	64.18

250' So of Cedar.

West Gutter		8.4	63.88
1/4		7.6	64.68
Center		7.8	64.48
1/4		7.1	65.18
East Gutter		7.5	64.78

Hutchison 4/11/04

275' So of Cedar St

East Gutter	72.28	7.8	64.48
1/4		7.5	64.78
Center		8.2	64.08
1/4		8.1	64.18
West Gutter		8.9	63.38

Mc Line Beech St.

West Curb.		9.25	63.03
Gutter		9.4	62.88
1/4		8.5	63.78
Center		8.5	63.78
1/4		7.9	64.38
70' East of Center		7.8	64.48
East Gutter		8.2	64.08
East Curb		8.20	64.08

Cedar

	9.37	81.29	71.92
East Line 1st St. Street			70.02
So Curb + Gutter	+11.27	11.00	7024
1/4		10,6	70.69
Center		10,3	70.99
1/4		10.5	70.79
No Gutter		10.9	70.39
~~Curb~~			
No Line		10.2	71.09
25' East of 1st St.			
So Line		9.0	72.29
So Curb		9.2	71.89
1/4		9.3	71.99
Center		9.0	72.29
1/4		9.1	72.19
Curb		9.1	72.19
No Line		9.0	72.29

50' East of ~~Cedar~~ 1st St.			
No Line	81.29	6,7	74.59
Curb + Gutter		6.7	74.59
Gutter		7,3	73.99
1/4		7,0	74.29
Center		7,3	7399
1/4		7,4	73.89
Gutter		8,2	73.08
Curb		7,6	73.69
So Line		7.1	74.19
75' East of 1st St.			
So Line		5.5	
Curb		5,5	75.79
Gutter		6,3	74.99
1/4		5,3	75.99
Center		5.7	76.09
1/4		4.6	76.49
Gutter		5.7	76.09
Curb		4.3	76.99
No Line		4.7	77.09

100' East of 1st St.

No Line	81.29	2.2	79.09
Curb		2.4	78.89
Gutter		3.7	77.59
½		2.9	78.39
Center		3.2	78.09
½		3.3	77.99
Gutter		4.0	77.29
Curb		3.76	77.53
So Line			
	10.26	89.74	1.81	79.48

125' East of 1st.

So Gutter.	89.74	10.9	78.84
½		10.0	79.74
Center		9.7	80.04.
½		9.4	80.34
15' No of Center Line		9.7	80.04.
Gutter		9.6	80.14
Curb		8.8	80.94
No Line		8.7	81.04

150' East of 1st

No Line	6.6	83.14
Curb	6.5	83.24
Gutter	7.6	82.14
½	7.5	82.24
Center	7.6	82.14
½	8.2	81.54
So Gutter	9.0	80.74

Cedar

175' East of 1st

So Gutter	89.74	7.1	82.64
1/4		6.2	83.54
Center		5.5	84.24
1/4		5.2	84.54
Gutter		5.0	84.74
Curb		4.3	85.44
No Line		3.7	86.04
West Line 2nd St.			
No Line		1.6	88.14
Curb		2.0	87.74
Gutter		2.8	86.94
1/4		3.1	86.64
Center		3.6	86.14
1/4		4.2	85.54
Gutter		4.9	84.84
So Curb		4.70	85.04

Cedar

0.53 72.45 71.92

West Line of 1st ¼

So Curb	4.40	68.05
Gutter	4.9	67.5
¼	4.0	68.5
Center	3.8	68.6
½	4.0	68.5
No Gutter	4.3	68.2

25' West of 1st ¼

No Gutter	5.4	67.05
¼	5.2	67.25
Center	4.9	67.55
¼	5.2	67.25
So Gutter	5.8	66.65

50' West of 1st ¼

So Gutter	72.45	7.0	65.45
¼		6.1	66.35
Center		6.0	66.45
¼		5.9	66.55
No Gutter		6.1	66.35

75' West of 1st

No Gutter	7.0	65.45
¼	6.8	65.65
Center	7.0	65.45
¼	7.1	65.35
So Gutter	8.0	64.45

Cedar

100' West of 1st

So Gutter	72.45	9.3	63.15
1/4		8.1	64.35
Center		7.9	64.55
1/4		7.6	64.85
No Gutter		8.0	64.45

125' West of 1st

No Gutter		8.5	63.95
1/4		8.4	64.05
Center		8.7	63.75
1/4		9.0	63.45
So Gutter		9.6	62.85

150' West of 1st

So Gutter		10.6	61.85
1/4		9.9	62.55
Center		9.6	62.85
1/4		9.4	63.05
No Gutter		9.1	63.35

Hutch. 6/11/04

175' West of 1st

No Gutter	72.45	9.8	62.65
1/4		9.9	62.55
Center		10.0	62.45
1/4		10.5	61.95
So Gutter		11.3	61.15

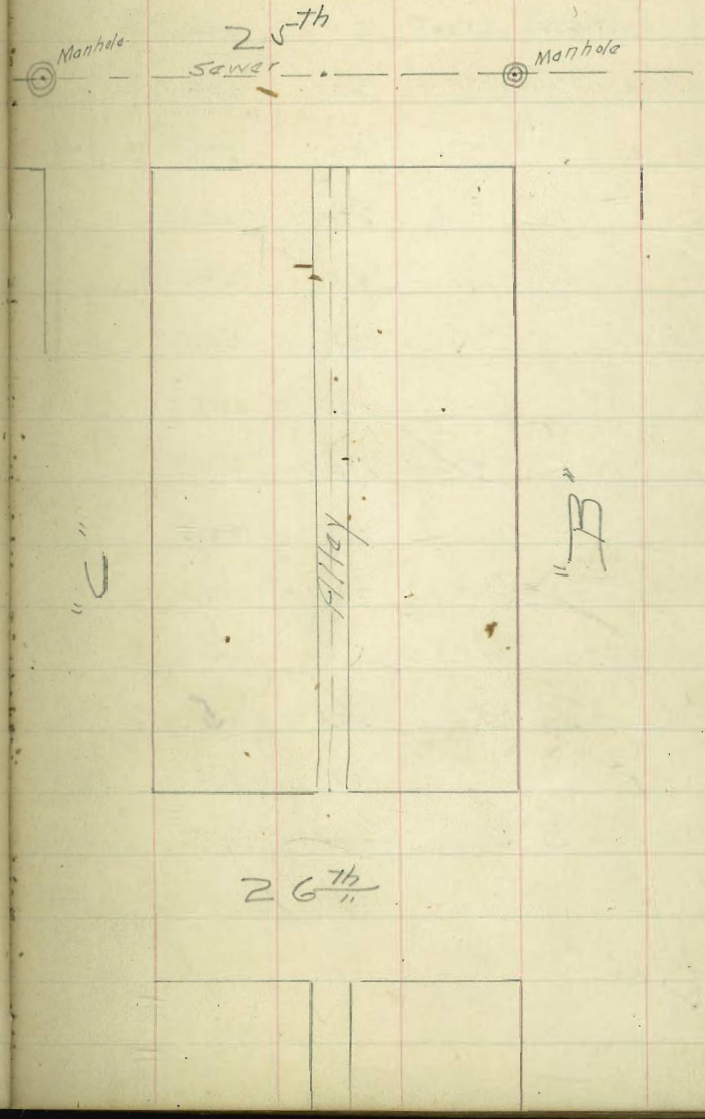
East line of Front St,

So Curb		11.89	6056
Gutter		12.0	60.45
1/4		11.2	61.25
Center		11.0	61.45
1/4		10.4	62.05
No Gutter		10.2	62.25
No Curb		10.05	62.40

Levels on Center of Alley ~~from~~ 25th to 26th bet B & C

	7.30	198.76		191.46
Center of 25th			6.1	193.7
East line of 25th			6.0	193.8
25' East " "			5.5	193.8
50' " " "			4.9	193.9
70			4.9	193.9
85			3.6	195.2
100			3.7	195.1
150			2.5	196.3
165			2.2	196.6
200			1.0	197.8
	10.32	208.50	0.58	198.18
250			9.2	199.3
300			7.4	201.1
+20			6.5	202.0
+50			5.6	202.9
400			3.4	205.1

6/23/04 { Hutchinson Terrace Comp



425	East of 26th	208.50	2.5	206.0
450	" "		2.0	206.5
460	"		2.0	206.5
475	"		2.2	206.3
485	"		4.5	204.0
500	"		7.5	201.0
525	"		12.1	196.4
	1.31	198.45	11.26	197.14
540	"		4.7	193.7
561 = West Line of 26th			7.40	191.0
	6.76	198.22		191.46
So. Line of "C" St.			12.30	185.9
" " " "			14.85	185.4
So Line of "B" St.			7.84	190.4
" " " "			8.39	189.8

Elev. of Bottom of Sewer opposite alley = 188.06

Top of Concrete in Bottom of Sewer at manhole

Bottom of Sewer.

Top of Concrete in Bottom of " " "

Bottom of Sewer.

Cross section of C' St 24th to 25 7/9/04 { Davis Lambert Lewis

Sta	+	1.H	—	Ele.
	9.11	200.57		191.46

E. line of 25th

No line	8.2	192.32
Cb.	8.6 } 9.2 }	191.97 191.4
1/4	9.2	191.4
C	9.4	191.2
1/4	9.9	190.7
Cb	9.6	191.0
so line	9.7	190.9

25' E of 25th

so line	11.0	189.6
4' No so line	10.2	190.4
Cb.	10.1	190.5
1/4	9.7	190.9
C	9.6	191.0
1/4	9.4	191.2
Cb	{ 8.9 8.25	191.7 192.35
No line	8.0	192.6

40' of Cb. in on No side = 00 at 45 on Cb & property

50' E of 25 St (200.57)

No line	7.8	192.8
4' so no line	9.0	191.6
Cb.	9.0	191.6
1/4	9.5	191.1
C	9.8	190.8
1/4	9.8	190.8
Cb.	10.4	190.2
so line	11.0	189.6

75' E of 25

so line	10.4	190.2
Cb	10.1	190.5
1/4	9.7	190.9
C	9.4	191.2
1/4	9.6	191.0
Cb	9.3	191.3
No line	8.6	192.0

100' E of 25th (200.57)

No line	8.8	191.8
Cb	9.3	191.3
¼	9.5	191.1
C	9.5	191.1
¾	9.7	190.9
Cb	10.0	190.6
20 line	10.4	190.2

125' E of 25th

2' 20 no line	11.3	189.3
no line	10.6	190.0
Cb.	9.7	190.9
¼	9.6	191.2
C	9.2	191.4
¾	9.2	191.4
Cb.	9.0	191.6
No line	8.5	192.1

150' E of 25 (200.57)

No line	8.3	192.3
Cb	9.0	191.6
¼	9.0	191.6
C	9.0	191.6
¾	9.2	191.4
Cb	9.3	191.3
20 line	9.6	191.0
2' 20 of no line	11.0	189.6

175' E of 25th

no line	9.5	191.1
Cb	9.3	191.3
¼	9.2	191.4
C	9.1	191.5
¾	8.9	191.7
Cb	8.5	192.1
No line	7.6	193.0

200' E of 25 (200.57)

No line	7.3	193.3
cl	8.0	192.6
¼	8.3	192.3
c	8.8	191.8
¼	9.0	191.6
cl	9.2	191.4
no line	9.4	191.0

225' E of 25th

no line	9.0	191.6
cl	8.8	191.8
¼	8.3	192.3
c	8.0	192.6
¼	7.4	193.2
cl	7.1	193.5
no line	6.4	194.0

250' E of 25th (200.57)

No line	6.0	194.6
cl	6.4	194.2
¼	6.8	193.8
c	7.3	193.3
¼	7.7	192.9
cl	7.7	192.9
no line	7.7	192.9

275' E of 25th

no line	6.4	194.2
cl	6.9	193.7
¼	6.8	193.8
c	6.4	194.2
¼	5.6	195.0
cl	5.4	195.2
No line	4.9	195.7

300' E of 25th
(200.57)

No line	3.9	196.7
Cr	4.5	196.1
¼	4.9	195.7
C	5.2	195.4
¼	5.8	194.8
Cr	6.2	194.4
No line	5.8	194.8

325' E of 25

No line	4.8	195.8
Cr	4.9	195.7
¼	4.5	196.1
C	4.0	196.6
¼	3.7	196.9
Cr	3.2	197.4
No line	2.4	198.0

350' E of 25
(200.57)

No line	1.5	199.1
Cr	1.9	198.7
¼	2.3	198.3
C	2.8	197.8
¼	3.3	197.3
Cr	3.5	197.1
No line	3.9	196.7

375' E of 25 ¼

No line	3.0	197.6
Cr	2.5	198.1
¼	1.7	198.9
C	1.5	199.1
¼	1.4	199.2
Cr	0.9	199.7
No line	0.3	200.3
T.P.	7.29	207.74	0.12	207.62	200.45

400' E of 25th (207.74)

No line	4.1	201.6
CL	4.7	201.0
½	6.9	201.2
C	7.3	200.4
¼	8.0	199.7
CL	8.6	199.1
no line	9.2	198.5

425' E of 25th

no line	7.4	200.3
CL	7.2	200.5
¼	7.0	200.7
C	6.4	201.3
¼	5.8	201.9
CL	5.6	202.2
No line	5.2	202.5

450' E of 25th (207.74)

No line	4.1	203.6
CL	4.5	203.2
½	4.6	203.1
C	4.7	203.0
¼	5.1	202.6
CL	5.4	202.3
no line	6.3	201.4

475' E of 25

no line	4.9	202.8
CL	4.3	203.4
½	4.1	203.6
C	3.8	203.9
¼	3.4	204.3
CL	3.0	204.7
No line	3.0	204.7

500' E of 25th
(207.70)

No line	3.0	204.7
Cb	3.2	204.5
½	3.4	204.3
C	3.5	204.2
½	3.6	204.1
Cb	3.8	203.9
No line	3.8	203.9

575' E of 25

no line	4.3	203.4
Cb	4.2	203.5
½	4.1	203.6
C	4.0	203.7
½	4.2	203.5
Cb	4.2	203.5
No line	4.4	203.3

560' E of 25 = W line 26th
207.70

No line	11.6	196.1
Cb	11.0	196.7
½	10.5	197.2
C	10.3	197.4
½	9.6	198.1
Cb	9.0	198.7
no line	9.2	198.5

198.55

Alley Line bet. Pierce & R.R.

So 27th to So 28th

		6.8	
Center Line 27th	- 0.60	7.0	- 7.6
East Line		6.9	- 7.5
50' East of 27th		6.8	-
100' " " "		6.6	
150		6.6	
200		6.6	
250		6.5	
300		6.4	
350		6.4	
400		6.2	
450		5.3	
500		5.7	
550		5.7	
600. West Line 28th		4.3	
Center Line 28th		3.3	
T.P.		2.18	- 2.78

9.7.82

So. 28th Street
Center Line

146

B.M.	1.595	59.305		57.71
	0.925	51.10	9.13	50.175
	0.95	42.18	9.87	41.23
	0.22	32.09	10.31	31.87
Center Line Main St.			5.9	
So " " "			7.2	
50' So of " "			9.3	
~~B.M.~~			6.55	25.54
T.P.	0.14	20.86	11.37	20.72
100' South Main			0.6	
150			3.2	
200			5.8	
250			8.3	
300'			10.2	
	0.38	11.03	10.71	10.65
Center Line Curve			1.7	
So. Line of "			2.9	

Bolt on Light Mast National Ave.

Spk. in 13" Point on Main & 28th

147

S 28th St.
Center Line

	H.I.		
25' So of Pierce	11.03	4.0	
50		5.2	
75		7.1	
100		8.2	
125		8.9 9.2	
135		13.7	
(150' So) Center of Alley		15.0	
		13.81	-2.78
B.M.		6.22	4.81

8/5/04

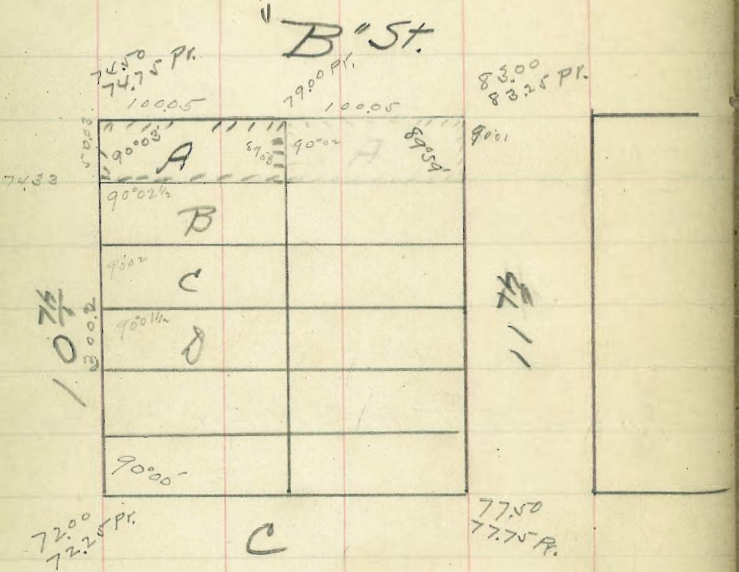
369
1042
13.81

Hutchison
Torrance
Evans

Spk in Tel. Pole S.W. Cor. Pierce & 28th

Aug 20 1904
Hutchison
Torrance
Evans.

Lot "9" Blk 23 Horton,

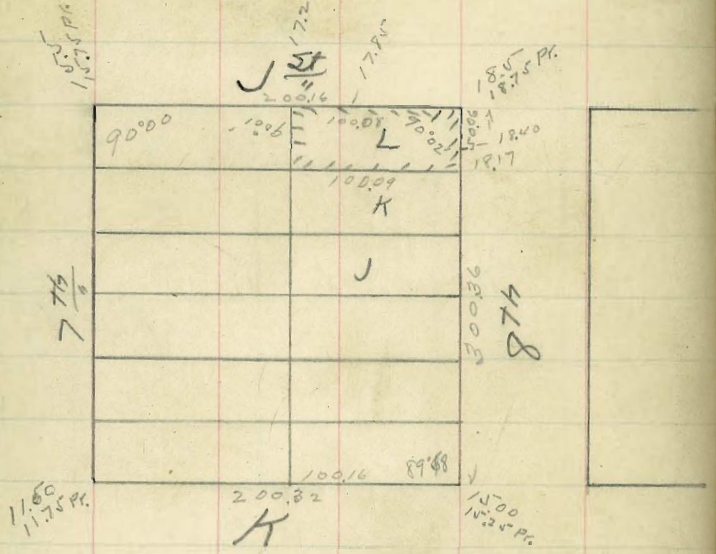


.42 6) 25/.416 850/425

74.33/6.63 76.85/4.11/80.96 14.1 74.75/6.21/4.25/1.96 79.00/1.96 72.25/.42/72.67/.83/73.50/.83/74.33

8/19/04 { Hutchison
Evans
Torrance

Lot L Block 124 Hornton



+ HI −

Juniper

Bench 4 & Juniper 212.74 SE cor. Tel P.

" 4 " Ivy 206.60 NE cor. sp. T.P.

West Line of 4th St.

Mo Line		212.74	6.40	
		6 24		
5' So of Mo Line		218.98 HI	6.35	
10'			6.24	
15			6.30	
20			6.92	
25			7.12	
30			6.94	
35			6.84	
40			6.99	
45			7.25	
50 - SL			12.16	
TP	+ 3.88	210.79	12,07	206.91 ~~12.07~~

HI 210.79

Juniper

10' West of 4th Str.

So Line	218.98	6.24
	12 07	
5'	206.91	6.37
	3 88	
10	210.79	6.54
15		6.70
20		6.25
25		6.32
30		6.06
35		5.52
40		5.94
45		5.58
50 NL		5.25

20' W. of 4" Str. on juniper

	HI	
NL	210.79	12.72
5		12.46
10		12.88
15		13.00
20		12.94
25		13.28
30		13.90
35		13.35
40		13.92
45		13.80
SL.		14.20
TP	210.79	
	11.46	
	199.33	
	5.50	
	204.83	

30' W of 4 Str on juniper

	HI	
SL		9.41
5	204.83	9.30
10		9.72
15		9.35
20		9.37
25		9.38
30		8.83
35		8.83
40		9.23
45		9.46
50		8.58
TP	204.83	
	12.11	
	192.72	
	1.52	
	194.24	

40' W of 4th St. Juniper

	+	HI	−
NL		194.24	2.87
5			2.88
10			3.90
15			3.95
20			4.85
25			4.62
30			5.12
35			5.97
40			5.26
45			5.67
50 - SL			5.25

50' W of 4th St. on Juniper

	HI	−
SL	194.24	11.50
5		10.75
10		9.79
15		9.97
20		9.13
25		8.60
30		7.58
35		6.84
40		6.35
45		5.35
50 NL		4.56

60' W of 4th Pt in Juniper

130

		HI	
NL		194.24	3.7
5			4.6
10			6.0
15			7.62
20			8.62
25			9.85
30			11.29
35			12.68
40			13.20
45			14.16
50 SL			15.10
TP	6.15	189.11	11.28

194.24
11.28
182.96
6.15
189.11

70' W of 4th Pt Juniper

131

		HI	
SL		189.11	10.56
5			9.29
10			8.51
15			7.52
20			6.15
25			4.43
30			2.9
TP	3.67	192.12	2.65
TP			1.6
40			31.6
45			1.4
50 NL			0.2

188.46
188.45

80' W of 4th St. Juniper

	HI	–
NL	192.12	0.77
5		2.40
10		3.45
15		5.1
20		6.5
25		8.18
30		9.88
35		11.58
40		12.34
45		13.35
50		14.15

90' W of 4 St. Juniper

	HI	
SL	192.12	12.96
5		13.76
10		13.54
15		12.29
20		11.27
25		9.95
30		8.34
35		6.45
40		5.20
45		3.90
50		2.95

100' W. of 4th Lt. Juniper

			HI	
NL			192.12	5.27
5				6.28
10				7.67
15				8.90
20				10.28
25				11.47
30				13.07
35				13.33
40				13.45
45				13.83
50 SL				13.72
TP	192.12 10.31	6.78	188.59	10.31

181 81
6 78
188.59

110 W of 4th Lt. Juniper

		HI	
SL		188.59	9.12
5			10.19
10			9.89
15			9.74
20			9.85
25			9.66
30			9.31
35			8.31
40			7.34
45			6.35
50 NL			5.34

120' W of 4th St Juniper

	HI	–
NL	188.59	8.64
5		9.03
10		9.43
15		9.65
20		9.39
25		9.50
30		9.65
33		9.77
35		9.24
40		7.87
45		6.53
SL		4.99

130' W of 4th St Juniper

	HI	–
SL	188.59	2.84
		3.84
		5.19
		6.56
		7.29
		7.73
		8.04
		8.52
		8.96
		9.08
		8.78

140' W of 4th Str Juniper

	+	HI	−
NL		188.59	5.85
5			5.50
10			5.65
15			5.45
20			5.10
25			4.80
30			4.18
35			3.22
40			2.41
45			1.32
50			0.50
TP	9.62	196.64 ~~188.59~~	1.57 187.02

150' W of 4th Str Juniper

	HI	
NL	196.64	6.07
5		6.70
10		7.10
15		8.03
20		8.68
25		9.20
30		9.52
35		10.59
40		10.60
45		11.01
NL		10.95

160 W of 4" Str. Juniper

		HI	
NL		196.64	8.10
5			7.50
10			6.87
15			6.28
20			5.73
25			5.08
30			4.25
35			3.95
40			3.65
45			3.75
SL			3.60
TP	12.72	204.42	-4.94 191.70

170 W of 4 Str. Juniper

	HI	
SL	204.42	7.83
		8.17
		8.40
		8.15
		7.98
		7.9
		8.34
		8.8
		9.7
		10.6
		11.33

180 HP of 4th St. Juniper

142

		HI	
NL		204.42	7.10
5			7.55
10			4.15
15			2.9
20			2.25
25			2.29
30			2.07
35			3.30
40			4.20
45			4.15
50 SL			3.10
TP	11.47	213.85	-2.04

190 HP. of 4 St Juniper

143

	HI	
SL	213.85	8.01
5		7.58
10		7.40
15		6.40
20		5.90
25		5.30
30		6.0
35		7.6
40		8.95
45		10.28
50 NL		10.76

180 W of 4th St. Juniper

142

		HI	
NL		204.42	7.10
5			7.55
10			4.15
15			2.9
20			2.25
25			2.29
30			2.07
35			3.30
40			4.20
45			4.15
50 SL			3.10
TP	11.47	213.85	-2.04

190 W. of 4 St Juniper

143

	HI	
SL	213.85	8.01
5		7.58
10		7.40
15		6.40
20		5.90
25		5.30
30		6.0
35		7.6
40		8.95
45		10.28
50 NL		10.76

EL 3rd 200' W of 4th Str Juniper

		#I		
NL		213.85		5.88
5				5.1
10				3.
15				1.8
20				1.4
25				1.1
30				1.5
35				2.01
40				2.00
45				2.2
50				2.35
TP	10.88	222.57	-2.16	211.69

210' W. of E.43rd Str Juniper

SL		222.57	8.92
5			8.79
10			8.70
15			7.91
20			8.31
25			8.11
30			7.96
35			7.91
40			7.90
45			9.45
50			10.28

20' W of E L 3rd Str Juniper

N.L	222.57	3.66
5		5.80
10		6.00
15		6.45
20		6.80
25		6.95
30		7.34
35		7.17
40		7.69
45		7.50
S.L		7.50

30' W. of E L 3rd Str Juniper

S L	222.57	6.23
5		6.16
10		5.74
15		5.77
20		5.80
25		5.90
30		5.40
35		5.15
40		4.90
45		4.80
50		4.68

Center 3rd Street Juniper

		HI	
NL		222.57	3.13
5			3.35
10			3.68
15			3.90
20			4.15
25			4.50
30			4.35
35			4.65
40			4.82
45			4.62
50			4.98

141

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

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

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

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.