

No. 1
Sewer Y Branches.
Location of Y Branches
From Atlantic to
17th street north of C. str.

F.B. 737

LEVEL BOOK

13

737

MICROFILMED

DEC 15 1964 .

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	2½	21	49	41	95½
2	4½	22	51½	42	98
3	7	23	53½	43	100½
4	9½	24	56	44	102½
5	11½	25	58½	45	105
6	14	26	60½	46	107½
7	16½	27	63	47	109½
8	18½	28	65½	48	112
9	21	29	67½	49	114½
10	22½	30	70	50	116½
11	25½	31	72½	51	119
12	28	32	74½	52	121½
13	30½	33	77	53	123½
14	32½	34	79½	54	126
15	35	35	81½	55	128½
16	37½	36	84	56	130½
17	39½	37	86½	57	133
18	42	38	88½	58	135½
19	44½	39	91	59	137½
20	46½	40	93½	60	140

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SAN FRANCISCO, CAL.

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.
0		0		0		0	
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

New line of Pipe on
Main line began on 1st Str. South
of J Street at Station

26x36 Manhole

West East

26x42^E 26x40^S

x61^S x77

27x00 27x24

x49 x74

28x00 28x25

x49^S x75

28x67 Manhole

No. SO,

29x37 29x35

x87 x62^E

30x20 30x11^E

x86^E x61^E

86^E x88^E

31x44 31x59^S

32x42 32x40

32x40 Manhole

End of New line

DRAW

links to

Angle.

4
5
6
7
8
9
10

Main Sewer
Beginning at foot of H Street
24 inch Pipe

South	North	South	North
Station 0	West line of Atlantic Street	14x55	Prop line West East
0x12	Manhole	14x55	14x57
0x98	0x96	14x78.5	15x05
1x99	1x97	15x29	16x53.5
	3x18	6 in Y	16x80
North for Calif Stn		17x05	Manhole
3x73.5	3x71.5	17x19	12x24 in Y
4x75	4x78.5	West for State + J	Street
	5x91	6 in Y	Flushing inlet
North for Arctic Stn.	South	North	
6x49	6x47	17x86	17x84
7x48	7x46	18x38	18x36
8x47.5	end of Pipe		x62.5
for Manhole		x87	2x85
9x26	9x24	19x37	19x13
10x25	10x23	61.5	57.5
	11x38.5	6 in Y	20x07
for Columbia Stn North	North for Union Stn		
11x40.5	6 in Y South	20x61.5	
for Columbia Stn		20x63.5	
12x28	12x26	21x62	21x60
99.5	97.5		22x84
			6 in Y
13x80	Manhole at State Street	for First Street	South

Main Line

South	North	West	East
23x51	Prop. Line ^{east side}	34x79	Prop. line
23x51	23x49	South side of J. Street	
24x50	24x48.5	34x79	35x12
25x33	Manhole	39	64
*	West East	.88	36x13
26x00	26x36	36x39	36x64
.53	.78	.89	37x14
27x03	27x28	37x37	
28x04	28x29	37x44	Manhole
.55		37x79	Prop. line
28x07	Manhole	North side of K St	
	28x90.5	South	North
29x05	Prop. line no side J St	39x27	39x25
29x51	Prop. line East side	40x38	6 in Y
	4th Street	North for 4th Street	
	South North	40x40	6x24 in
30x53.5	30x51.5	Y south for 4th St	
31x68	6 in Y North	42x06	41x57
33x88	33x86	.56.5	.31
33x96	Manhole	43x24.5	8x24 Y
34x27	6 in Y north for	North for 5th St.	
	3e Street	43x26.5	6x24 Y
34x81	Prop. line West	South for 5th St	
	side of 3e Street		

old line abandoned from 26x36 to Manhole at Station 32x46 see me - reading Page for Y in Near River

Main Line 24 in Pipe

South	North	South	North
44x47	44x49	49x92	Prop. line
45x12.5	45x14.5	East side of 6th St.	
45x62	Manhole	49x91	49x93
45x82	8 in Y for	50x41	50x18
	6th Street	.93	.66
45x96	6 in Y East	51x41	51x19.5
	for K. Street		.66
46x34	So line of	52x10	6 in Y North for
	K Street		7th Street
West	East	52x72	52x70
46x36	46x38	53x71.5	53x69.5
.59.5	.61.5	54x80	Manhole
.84	.86	8th Street	
47x08	47x10	55x52	55x50
35	57	56x52	56x50
60	62	57x70	6 in Y North for
85	87	9th Street	
48x10	48x12	58x32	58x30
34.5	36.5	59x32	59x30
58	60	60x62	60x60
84.5	86.5	61x11.5	61x09.5
49x09.5	49x11.5	62x12	62x10
49x49	6 in Y South	62x62.5	62x60.5
	for 6th Street	63x29	6 in Y North
		63x92	63x90

18x12 Prop. line west side 19x17

Main Line

24 inch Pipe

North	South
64x39	64x41
88.5	90.5
65x42	
66x09.5	6 in Y North for 12 ^{1/2}
66x19.5	end of 24 in Pipe in Manhole
Continuation of Main Line with 18 inch Pipe	
67x83	
68x79	6x18 Y North for 18 th Street
70x37	70x39
71x13	Inspection being a 10x18 Y turned up
71x60	6x18 Y North for 14 th Street
72x12	73x13
74x13	75x13
75x87	
76x34	10x18 Y North for 15 th Street
76x43	Manhole
end of 18 in pipe 12 inch Pipe from 76x43 to large float tank on 16 th Street at Station 78x58	

Atlantic Street

Beginning at H Street 15 inch

W	E	W	E
Station 1 North line of H & Atlantic			
11x48	11x50	11x87.5	Manhole
1x00	1x02	E Street	
1x47	1x49	12x23	12x25
2x15	2x17	.72	.74
.48	.50	13x23	13x25
.98	3x00	.73	.75
3x48	.50	14x23	14x25
.98	4x00	.73	.75
4x62	Manhole	.98	15x00
G Street			
4x77	4x99	15x87.5	Manhole on H Street
5x22	5x24	16x48	16x50
.73	.75	.72	.74
6x22	6x24	.97.5	.99.5
.73	.75	17x22.5	17x24.5
7x23	7x25	.47	.49
.73	.75	.71	.73
8x25	Manhole	.98	18x00
8x46.5	8x48.5	18x22.5	24.5
.98	9x00	.47	.49
9x48	.50	.72.5	.74.5
.98	10x00	.98	19x00
10x48	.50	19x60	Manhole
.98	11x00	C Street	

Atlantic Street

W	E
19x98	20x00
20x23	x25
.47.5	.49.5
.72	.74
.98	21x00
21x22.5	.24.5
.47	.49
.73	.75
.97.5	.99.5
22x17	22x19
.47.5	.49.5
.72.5	.74.5
23x20	Manhole on B Street 20 ft South of Center
23x78	23x80
24x03	24x05
.27.5	.29.5
.52	.54
.77.5	.79.5
25x03	25x05
.27.5	.29.5
.53	.55
.78	.80
26x03	26x05

W	E
26x27	26x29
.53	.55
27x20	Manhole
Center of A. Str	
27x57	27x59
.83	.85
28x08	28x10
.32	.34
.58	.60
.82.5	.84.5
29x08	29x10
.32	.34
.58	.60
.82.5	.84.5
30x07	30x09
.33	.35
.53	.57
.70	
31x18	end of 15 inch pipe in Manhole on Cork Street

Ash Street

East from Atlantic

No	South	No	So
Began at station 0		14x95	14x97
0x19	0x21	15x19.5	15x21.5
.44	x46	.45.5	.47.5
1x22	1x24 ^{center} of mk	.70	.72
2x37	10x8 y North	15x95	end of 8 in pipe in Manhole West line of Union Street
3x95.5	3x97.5		
4x97	6 in y North for Arctic Street		
7x72	Manhole		
West line of India St.			
7x85	6 in y North for India St		
10x65	6 in y no for Columbia St		
12x32	end of 10 in pipe on Cork Street		
13x32	Inspection West line of State St.		
13x40	6 in y North for State Street		
13x94.5	13x96.5		
14x19	14x21		
.45	.47		
.69.5	.71.5		

8 California Street
North of H Street

W	E	W	E
Regain Station Q 0x53	0x55	6x52.5	6x54.5
0x56	North line of H	.78	.80
.78.5	0x80.5	7x02.5	7x04.5
1x04	1x06	7x30	Inspector
.29	.31	50	line of F Street
.58.5	.55.5	7x48	6in Y East
.79.5	.81.5	for H Street	
2x04	2x06	8x03	8x05
.28.5	.30.5	.28.5	.30.5
.54.5	.56.5	.52.5	.54.5
.79	.81	.77	.79
3x03	3x05	9x03	9x05
.29	.31	.27	.29
3x55	Inspector south	.53	.55
line of G Street		.76	.78
3x72	6in Y East for G	10x03	10x05
4x27	4x29	.28	.30
.52.5	.54.5	.53	.55
.78	.80	.77	.79
5x03	5x05	11x05	Inspector
.28	.30	south line of E St.	
.52	.54	11x22	6in Y East
.78	.80	for E Street	
6x02	6x04	11x78.5	11x80.5
.28	.30	12x02.5	12x04.5

9 California Street
North of A Street

W	E	W	E
12x17	12x29	18x72	Inspector South
.53	.55	line of C Street	
.78	.80	18x90	6in Y East for
13x02.5	13x04.5	C Street	
.28	.30	19x49.5	19x51.5
.58	.55	.73	.75
.76.5	.78.5	20x00	20x02
14x03	14x05	.26	.28
.27	.29	.50	.52
.53	.55	.74	.76
14x80	Inspector south	21x00	21x02
line of D. St.		.24	.26
14x98.5	6in Y East	.50	.52
for D Street		.76	.78
16x02	16x04	22x00	22x02
.28	.30	.24.5	.26.5
.52.5	.54.5	22x52	Inspector
.78	.80	South line of B St.	
17x02.5	17x04.5	22x70	6in Y East
.28.5	.30.5	for B Street	
.52.5	.54.5	23x29	23x31
.79	.81	.55	.57
18x03	18x05	.78	.80
.27	.29	24x05	24x07
.53	.55	.29.5	.31.5
		.55	.57

California Street

North of H

North of Oak

W	E	W	E
24x79 ⁵	24x81 ⁵	0x41	0x43
25x05 ⁵	25x07 ⁵	65	67
30	32	89 ⁵	91 ⁵
54	56	1x14	1x16
80	82	40	42
26x04	26x06	.64	.66
26x32	Inspector south	.89 ⁵	91 ⁵
line of A Street		2x14	2x16
26x50	6in Y East for A	.39 ⁵	41 ⁵
27x09	27x11	65	67
.35	.37	89 ⁵	91 ⁵
.57	.61	3x14	3x16
.85 ⁵	.87 ⁵	3x42	Inspector
28x09 ⁵	28x11 ⁵	south line Beach St	
35 ⁵	37 ⁵	3x62	6in Y East
60	62	for Beach	
85	87	4x20	4x22
29x09 ⁵	29x11 ⁵	.44	.46
34	36	70	72
60 ⁵	62 ⁵	.94 ⁵	.96 ⁵
85 ⁵	87 ⁵	5x20	5x22
30x10	end of Pipe in	.45	.47
Flask tower		.69 ⁵	71 ⁵
31x11	Prop. line South	94 ⁵	96 ⁵
side of Oak,		6x19 ⁵	6x21 ⁵

California

11

North of Oak

W	E	W	E
6x44 ⁵	6x46 ⁵	13x33	13x35
69 ⁵	71 ⁵	58	60
94 ⁵	96 ⁵	82	84
7x20	Inspector South	14x08	14x10
line of Cedar St		14x29	Inspector So
8x08	8x02	line of Fir Street	
.25	.27	14x47	6in Y East
50	52	for Fir Street	
74	76	15x06	15x08
900	9x02	32	34
.25	.27	58	60
49 ⁵	51 ⁵	82 ⁵	84 ⁵
74 ⁵	76 ⁵	16x07	16x09
99 ⁵	10x01 ⁵	32	34
10x25	.27	56 ⁵	58 ⁵
49 ⁵	51 ⁵	81 ⁵	83 ⁵
74	76	17.06 ⁵	17x08 ⁵
11x09	Inspector South	31	33
line of Date Street		57	59
11x82 ⁵	11x84 ⁵	81 ⁵	83 ⁵
12x08	12x10	18x11	Inspector So
33	35	line of Grape Street	
58	60	18x30	6in Y east
82 ⁵	84 ⁵	for Grape	
13x08 ⁵	13x10 ⁵	18x31	18to6 Reducin

12 California
North of Ark

W	E	W	E
18x89	18x91	26x11	Inspector
19x145	19x165	Center of Ivy Str.	
38	40	26x48.5	26x50.5
68.5	65.5	73	75
88.5	90.5	99	27x00
20x185	20x155	27x22	.24
38.5	40.5	49	51
64	66	73.5	75.5
89	91	98	28x00
21x14	21x16	28x24	26
39	41	48	50
63.5	65.5	73	75
21x91	Inspector So line of Hawthorn	99	29x01
22x09	6in Y East for Hawthorn Street	29x16	Inspector
22x68.5	22x70.5	33 ft So of So line of Juniper Street	
93.5	95	= Juniper =	
24x18	24x20	North	South
42	44		
68.5	70.5	30x23.5	30x25.5
94	96	x87.	x78
25x19	25x21		
43.5	45.5		
25x89	6in Y East for Ivy Street		

Grape Street ~~Ark Street~~ 13
East from Calif

North	South	North	South
Oregon at Station		8x07	6in Y South
0x64	0x66	for Columbia Str.	
.88	.90	18x10	end of Pipe
1x14.5	1x16.5		
89.5	91.5		
2x42	Inspector		
West Line of Arctic			
2x50	6in Y North		
2x54	6in Y South		
3x15	3x17		
.39	.41		
4x14	4x16		
5x17	Prop line		
West side of India			
5x17	Inspector west		
line of India Street			
5x33	6in Y South		
5x35	6in Y North		
for India Str			
6x15	6x17		
89.5	91.5		
7x92	Inspector		
West line of Columbia			
8x07	6in Y South		
for Columbia			

Arctic Street
North of H Street

W	E	W	E
Began at Station		6x73	6x75
1x00	1x02	98	7x00
.23 ⁵	25 ⁵	7x22 ⁵	24 ⁵
.48	50	48	50
.73	75	7x75	Inspector
.97 ⁵	99 ⁵	South Side of F	
2x23	2x25	7x94 ⁵	6 in Y East
48 ⁵	50 ⁵	8x48	8x50
73	75	72 ⁵	74 ⁵
98	3x00	98	9x00
3x23	25	9x23	25
48	50	48	50
73 ⁵	75 ⁵	73 ⁵	75 ⁵
4x00	Inspector South	98	10x00
line of G Street		10x23	25
4x20	6 in Y East for	48	50
G Street		73	75
4x73	4x75	98	11x00
.98	5x00	11x23	25
5x23	25	11x50	Inspector
48 ⁵	50 ⁵	H Street	
73	75	11x69	6 in Y
98	6x00	East for H Street	
6x23	25	12x23	12x25
48	50	48	50

Arctic Street
North of A.H.

W	E	W	E
12x23	12x25	18x72 ⁵	18x74 ⁵
48	50	98	19x00
75 ⁵	75 ⁵	19x20	Inspector
98	13x00	C Street	
13x23	25	19x38 ⁵	6 in Y East
47 ⁵	49 ⁵	19x97	19x99
73	75	20x23	20x25
98	14x00	47 ⁵	49 ⁵
14x23	25	72	74
48	50	97 ⁵	99 ⁵
72 ⁵	74 ⁵	21x21 ⁵	21x23 ⁵
98	15x00	49	51
15x25	Inspector	73	75
III. Street		97	99
15x43	6x6 Y East	22x23	22x25
for II Street		47	49
16x48	16x50	73 ⁵	75 ⁵
72	74	23x00 Inspector	
98	17x00	B Street	
17x22 ⁵	24 ⁵	23x76	23x78 ⁵
47	49	24x03	24x05
73	75	27	29
98	18x00	53	55
18x22 ⁵	24 ⁵	77	79
48 ⁵	50 ⁵	25x03	25x05

16 Arctic Street

North of H

North of Ash

Arctic Street

17

North from Ash

W E

W E

W E

W E

25x28 25x30
54 .56
78 .80
26x02 26x04
29 31
33 35

Began at Station
0x41 0x43
64 66
90^s 92^s
1x15 1x17
40 42

6x20^s 6x22^s
.45 .47
.68^s .70^s
.94^s .96^s
7x22 Inspector
Cedar Street

12x04 12x06
30 .32
54 .56
79 81
15x04^s 15x06^s
29 .31

26x80 Inspector A Street

64^s 66^s

7x39 6 in Y East

55 .57

26x98 6 in Y East for A St

89^s 91^s

for Cedar Street

79 .81

27x58 27x60
83^s 85^s

2x14 2x16
39 41

8x00^s 8x02^s
24^s 26^s

14x05 14x07
29 .31

28x08 28x10
33 .35

.65 .67
89^s 91^s

50^s 52
74^s 76^s

55 .57
79^s 81^s

.58 .60
.83 .85

3x15 3x17
3x42 Inspector

9x00 9x02
24 26

15x04 15x06
15x52 end of P St

29x08 29x10
33 .35

Beach Street

50 52
74 76

So line of P St

.57^s .59^s
82 .84

3x60 6 in Y East
for Beach Str.

10x00 10x02
24 26

30x08^s 30x10^s
33 35

4x20 4x22
45^s 47^s

50 52
74 76

30x60 end of P St
south of Ash Street

72 74
94^s 96^s

11x02 Inspector
Date Street

5x20^s 5x22^s
44^s 44^s

70^s 72^s
95 97

11x20 6 in Y East
for Date

70^s 72^s
95 97

11x79^s 11x81^s

11x79^s 11x81^s

Arctic Street

From South line Grape } ^{from} Grape Street North

W	E	W	E
0	0	0x40	0x42
0x42	0x44	.64 ⁵	.66 ⁵
.65	.67	.90	.92
.90	.92	1x14	1x16
1x15	1x17	40	42
89	41	64	66
.65	.67	90	92
.89	.91	2x14 ⁵	2x16 ⁵
2x15	2x17	40	42
.40 ⁵	.42 ⁵	64 ⁵	66 ⁵
.65	.67	89	91
.89 ⁵	.91 ⁵	3x14	3x16
3x15	3x17	3x41	So Side
3x41	Filewhank North	of Hawthorn	
Side Pa Street		Sto Filewhank	

On Juniper from California to Arctic

North	South	W	E
30x78	30x80	35x79	Inspector No
31x04	31x06	Side of Joy St	
.29	.31	35x79	6in Y east
.53	.55	for Joy Street	
.79	.81	36x57	36x59
32x03	32x05	81 ⁵	83 ⁵
x59	6in Y East	37x07	37x09
for Juniper St.		31 ⁵	33 ⁵
32x75	Inspector No.	57	59
of So line of Juniper		38x07	38x09
on Arctic	32x79	31	33
Prop line		56	58
W	E	75	77
32x80	32x82	39x07 ⁵	39x09 ⁵
33x03	33x03	29	31
26 ⁵	28 ⁵	39x34	25 ft back
51	53	of Prop line on	
76	78	Hawthorn Street	
34x07	34x07	Filewhank	
24	26		
51	53		
76	78		
35x02	35x04		
26 ⁵	28 ⁵		
52	54		

India Street

W	E		W	E
1	0	Begin at Station	9x49	7x51
0x98	0x00		7x75	Inspection
1x26	1x28		8x48	8x50
49	51		73	75
74	76		98	9x00
97	99		9x24	.26
2x22	2x24		48.5	.50.5
48.5	50.5		73	.75
73.5	75.5		98	10x00
98.5	5x00.5		10x23	.25
3x23.5	25.5		49	51
48	50		73	75
73.5	75.5		99.5	11x01.5
4x00	Inspection		11x24.5	.26.5
4x73.5	4x75.5		11x50	Inspection
98	5x00		Solid of C. St.	
5x23	25		12x24	12x26
49	51		48	50
73	75		72	74
98	6x00		98	13x00
6x24	26		13x23	.25
49	51		47	49
73.5	75.5		73	75
98.5	7x00.5		98	14x00
7x23.5	25.5		14x22	.24

India Street

W	E		W	E
14x47	14x49		21x98	22x00
73	75		22x23	.25
98	15x00		48	50
15x25	Inspection		74	76
II Street			23x00	Inspection
16x49	16x51		South line of B Street	
73	75		23x78	23x80
98	17x00		24x03	24x05
17x23.5	25.5		.27	.29
48	50		.53	.55
72	74		77	79
98	18x00		25x03	25x05
18x22	24		.27.5	.29.5
46	48		.53	.55
73	75		77.5	79.5
97	99		26x03	26x05
19x20	Inspection C. St.		28	.50
19x99	20x01		52.5	54.5
20x23	.25		26x80	Inspection
48	50		Solid line of A Street	
72	74		26x80	Prop line
98	21x00		27x58	27x60
21x23	.25		83	85
.48	.50		28x08	28x10
.74	.76		33	35

India Street

North of Ash

W	E	W	E
28x58	28x60	3x04.5	5x06.5
.83.5	.85.5	29	31
29x08	29x10	3x57	Inspector
.33	.35	South line Reach	
.58	.60	3x75	6 in Y East
.83	.85	for Reach	
30x08	30x10	4x35	4x37
30x35	Flushtark & end	.59.5	.61.5
of Pipe		.85	.87
30x60	Prop line and	5x09.5	5x11.5
South line of Ash Str.		.35	.37
		.60	.62
		.84.5	.86.5
		6x09.5	6x11.5
		.35.5	.37.5
		.60	.62
		.84.5	.86.5
		7x10.5	7x12.5
		7x57	Inspector
		8 in Cedar Str	
		7x55	6 in Y East
		for Cedar Str	
		8x14.5	8x16.5
		.39	.41
		.65	.67

North of Ash

Began at Station 0

0x56.5 0x58.5

.80 .82

1x04.5 1x06.5

29.5 31.5

55 57

79.5 81.5

2x05 2x07

30 32

54 56

80.5 82.5

India Street

North of Ash

W	E	W	E
8x89.5	8x91.5	15x20	15x22
9x15	9x17	.45.5	.47.5
39.5	41.5	.69.5	.71.5
64	66	.94	.96
90	92	16x20	6 in Y East
10x14.5	10x16.5	for Fire Str	
.40.5	.42.5	16x22	end of
.64	.66	Pipe in Flushtark	
90	92	16x37	Prop line
11x17	Inspector	South line of Fire	
So line of Data Str			
11x35	6 in Y East		
11x95	11x97		
12x19.5	12x21.5		
.45	.47		
.69.5	.71.5		
94	96		
13x19.5	13x21.5		
.45	.47		
.69.5	.71.5		
95.5	97.5		
14x19.5	14x21.5		
.45	.47		
.69.5	.71.5		
95	97		

South from
Grape Street
Regard at 0

0x38 0x40

0x42 Prop line

0x64 0x66

89 91

1x15 1x17

.39.5 .41.5

.64 .66

.88 .90

2x14.5 2x16.5

40 42

India Street

South from Grape

W	E	W	E
2x64	2x66	4x45	4x47
88	90	69.5	71.5
3x15	3x17	95	97
3x43 end of Pipe in Filchark North line of Fil Street		5x19.5	5x21.5
		45	47
		69.5	71.5
		95	97

North from Grape
Began at 0

0x38	0x40	6x19.5	6x21.5
65	67	45	47
89.5	91.5	70	72
1x14.5	1x16.5	94.5	96.5
40	42	7x23 Inspection	
65	67	South line of Jury Street	
89	91	7x40 6 in Y East from Jury St	
2x15	2x17	8x00.5	8x02.5
39.5	41.5	25.5	27.5
65	67	51	53
90	92	75.5	77.5
3x14	3x16	9x01.5	9x03.5
3x42 Inspection south line Hawthorn St.		26	28
3x60 6 in Y East		50	52
4x18	4x20	74	76
		10x00.5	10x02.5

India Street

North
From Grape

W	E	W	E
10x25	10x27	10x25	10x27
51	53	51	53
10x68 Inspection		10x68 Inspection	
So line of Juniper		So line of Juniper	
11x50	11x52	11x50	11x52
76	78	76	78
11x92 end of Pipe		11x92 end of Pipe	

P.T. on Juniper St

Juniper St
East from India
North South

0x11	0x13	4x52 6 in Y for State Street South	
36	38	4x54 6 in Y North	
59	61	4x73	4x75
86	88	5x11	5x13
1x10.5	1x12.5	35.5	37.5
36.5	38.5	61	63
1x63 Inspection		85.5	87.5
West line Columbia St		6x11	6x13
1x78 6 in Y for Columbia		35.5	37.5
1x80 6 in Y for North Columbia St South		61	63
2x86	2x88	6x74 Inspection at Point of Curve 35 ft West of West line of Union 7x49 6 in Y East from Juniper 7x74 7x76 Pt of J	

Juniper

East from India

North	South	North	South
1x61	2x63	1x61	2x63
85.5	87.5	85.5	87.5
3x11	3x13	3x11	3x13
36	38	36	38
60.5	62.5	60.5	62.5
86.5	88.5	86.5	88.5
4x11	4x13	4x11	4x13
4x38 Inspection West line of State Street		4x38 Inspection West line of State Street	
4x52 6 in Y for State Street South		4x52 6 in Y for State Street South	
4x54 6 in Y North		4x54 6 in Y North	
4x73	4x75	4x73	4x75
5x11	5x13	5x11	5x13
35.5	37.5	35.5	37.5
61	63	61	63
85.5	87.5	85.5	87.5
6x11	6x13	6x11	6x13
35.5	37.5	35.5	37.5
61	63	61	63
6x74 Inspection at Point of Curve 35 ft West of West line of Union 7x49 6 in Y East from Juniper 7x74 7x76 Pt of J		6x74 Inspection at Point of Curve 35 ft West of West line of Union 7x49 6 in Y East from Juniper 7x74 7x76 Pt of J	

W Columbia

South of H North of H

E	W	W	E
		0x98	1x00
0x48	0x50	1x23	.25
73 ^s	75 ^s	.48	.50
98	1x00	.73	.75
1x22	24	.98	2x00
1x30	end of Pepe	2x23	25
		.48 ^s	50 ^s
		.73	.75
		99	8x01
		8x23	25
		48	50
		73 ^s	75 ^s
		4x00	Inspection
		50	lim of St
		4x73 ^s	4x75 ^s
		98	5x00
		5x23	25
		48	50
		73	75
		97	99
		6x23	6x25
		48	50
		73	75
		98	7x00
		7x23	7x25

Columbia

North of H

W	E	W	E
7x48	7x50	14x48	14x50
7x75	Inspection Sta	73 ^s	75 ^s
8x48 ^s	8x50 ^s	98	15x00
74	76	15x25	Inspection
98	9x00	III	Street
9x23 ^s	25 ^s	16x49	16x51
48 ^s	50 ^s	73	.75
73 ^s	75 ^s	98	17x00
98	10x00	17x23	25
10x23	.25	48	50
48	50	73	75
73 ^s	75 ^s	98	18x00
98	11x00	18x23	25
11x23 ^s	25 ^s	48	50
11x50	Inspection So	73	75
Side of E Street		97	99
12x23	12x25	19x20	Inspection C
48	50	19x98	20x00
73	.75	20x23	25
98	13x00	48	50
13x23	.25	72 ^s	74 ^s
48	50	97 ^s	99 ^s
73 ^s	75 ^s	21x23 ^s	21x25 ^s
98	14x00	48 ^s	50 ^s
14x22	24	72	74
		97	.99

Columbia

W	E	W	E
22x28 ⁵	22x25 ⁵	29x58	29x60
48	50	84	86
73	75	30x09	30x11
23x00	Inspection B. Sta	23	25
23x78	23x80	30x35	End of
24x03	24x05	Pepe in Flank Lake	
28	30	30x60	Prof Line
53	55	South side of	
78	80	Ash Street	
25x08 ⁵	25x05 ⁵		
28 ⁵	30 ⁵		
53 ⁵	55 ⁵		
79	81		
26x03	26x05		
28	30		
53	55		
24x80	Inspection A Sta		
27x58	27x60		
83	85		
28x08	28x10		
33	35		
59	61		
83 ⁵	85 ⁵		
29x09	29x11		
33	35		

North of Ash
Regard A O

Columbia North of Ash

W	E	W	E
3x14	3x16	8x99	9x01
3x42	Inspection	25	27
Line Beach St		50	52
3x60 ⁵	6m East	74	76
for Beach		99	10x01
4x19 ⁵	4x21 ⁵	10x24 ⁵	26 ⁵
44 ⁵	46 ⁵	49 ⁵	51 ⁵
70 ⁵	72 ⁵	74 ⁵	76 ⁵
95	97	11x02	Inspection South
5x19 ⁵	5x21 ⁵	line of Date Street	
44	46	11x19	6m East
70	72	for Date Street	
94 ⁵	96 ⁵	11x80	11x82
6x20 ⁵	6x22 ⁵	12x05	12x07
44 ⁵	46 ⁵	29 ⁵	31 ⁵
69 ⁵	71 ⁵	54	56
95	97	80	82
7x22	Inspection South	13-04 ⁵	13x06 ⁵
line of Cedar St		29 ⁵	31 ⁵
7x40	6m East	55 ⁵	57 ⁵
for Cedar St.		79 ⁵	81 ⁵
7x99	8x01	14x02	Extra Y
8x24	8x26	14x03	Inspection So.
50	52	line Elm	
74 ⁵	76 ⁵	14x21	6m East for
		Elm Street	

Columbia

North of Oak South of Grape

W	E	W	E
14x47	{	Began at 0	0
71.5	{	8x39	0x41
80	14x82	65	67
15x06	15x08	89	91
30.5	32.5	1x14	1x16
56	58	39	41
80.5	82.5	64	66
16x05	16x07	90	92
31	33	2x13	2x15
55.5	57.5	39	41
81	83	64	66
17x06	6 in Y East for Fin Street	88	90
17x08	end of Pipe in Fluehtank	3x14	3x16
		x33	6 in Y west for Fin Street
		x35	6 in Y East for Fin Sta.
		3x40	end of Pipe in Fluehtank

Columbia

North of Grape to Ivy Street

W	E	W	E
Began at 0	0	6x21	6x23
0x41	0x43	46	48
66	68	70	72
90	92	94	96
1x16	1x18	7x16	6 in Y west for Ivy Street
41	43	7x18	6 in Y East for Ivy Street
65	67	7x22	end of Pipe in Fluehtank
90	92		
2x16	2x18		
40	42		
65	67		
91	93		
3x15	3x17		
3x48	Inspection		
	South line of Hawthorn		
3x62	6 in Y East for Hawthorn Sta		
4x20	4x22		
46	48		
70	72		
95	97		
5x21	5x23		
45	47		
71	73		
95	97		

State Street

North of H

W	E	W	E
Began at 0		7x23	7x25
0x98	1x00	48	50
1x23 ⁵	25 ⁵	7x78	Inspection
48	50	So line of F Street	
73 ⁵	75 ⁵	8x49	8x51
98	2x00	73	75
2x22 ⁵	24 ⁵	98 ⁵	9x00 ⁵
48	50	9x23	25
72 ⁵	74 ⁵	49	51
97	99	73	75
3x24	3x26	98	10x00
48	50	10x23	25
73	75	48	50
4x00	Inspection South	73	75
line of G Street		98	11x00
4x73 ⁵	4x75 ⁵	11x23	25
97 ⁵	99 ⁵	11x50	Inspection
5x23 ⁵	5x25 ⁵	So side of E St	
48	50	12x24	12x26
73 ⁵	75 ⁵	48	50
98	6x00	73	75
6x23	25	98	13x00
48	50	13x23	25
73 ⁵	75 ⁵	48	50
98	7x00	73	75

State Street

W	E	W	E
13x98	14x00	21x24	21x26
14x23	25	48 ⁵	50 ⁵
47 ⁵	49 ⁵	73	75
73	75	98	22x00
98	15x00	22x24	26
15x25	Inspection So	48 ⁵	50 ⁵
line of D Street		73	75
16x48	16x50	98	23x00
73	75	23x00	Inspection So
98	17x00	line of B Street	
17x23	25	23x78	23x80
48	50	24x02	24x04
74	76	28	30
98	18x00	53	55
18x23	25	78	80
48	50	25x03	25x05
73	75	28	30
98	19x00	53	55
19x20	Inspection So	78	80
side of C Street		26x02 ⁵	26x04 ⁵
19x98 ⁵	20x00 ⁵	28	30
20x23	25	52	54
49	51	26x78	Inspection
73	75	2 ft back of	
98	21x00	line of A Street	

State Street

North of Ark

W	E	W	E
27x58	27x60	Began at 0	
83	85	0x40	0x42
28x08	28x10	64	66
33	35	89	91
59	61	1x15	1x17
83	85	39	41
29x07 ^s	29x09 ^s	65	67
33	35	89	91
58	60	2x15	2x17
29x71	6in Y East for Ark Street	40	40
		64	66
29x85	end of Pipe in Murk tank	90	92
30x60	Prop Line South line of Ark	3x15	3x17
		3x42	Inspector
		So line of Beach	
		3x60	6in Y East for Beach
		4x19	4x21
		44	46
		69	71
		94	96
		5x20	5x22
		44	46
		69	71
		94	96

State Street

North of Ark

W	E	W	E
6x19	6x21	12x78	12x80
44	46	13x02	13x04
69	71	27	29
95	97	52	54
7x22	Inspector So	77	79
line of Cedar Street		14x02	14x04
7x42	6in Y East.	27	29
8x00	8x02	14x49	Inspector So
24	26	line of Elm Str.	
50	52	14x68	6in Y East
74	76	15x26	15x28
99	9x01	51	53
9x25	27	76	78
49	51	16x02	16x04
74	76	26	28
99	10x01	51	53
10x25	27	76	78
49	51	17x01	17x03
74	76	27	29
11x00	Inspector So	51	53
line of Date Street		76	78
11x18	6in Y East for Ark	18x01	18x03
78	11x80	18x20	Inspector
12x02	12x04	So line of Fir Str.	
28	30	18x38	6in Y East for Fir Street
52	54		

State Street

North of Oak

W	E
18x97	18x99
19x22	19x24
47	49
73	75
97	99
20x22	20x24
48	50
72	74
97	99
21x22	21x24
47	49
72	74
22x00	Inspector south line of Grape
22x18	6 in y East for Grape
22x77	22x79
23x01	23x03
27	29
52	54
78	80
24x03	24x05
27	29
53	55
78	80
25x03	25x05

W	E
25x28	25x30
53	55
25x74	6 in y west for Hawthorn St
25x80	end of Pipe in Flushtark

South from
Juniper St
Begin at 0

W	E
0x39	0x41
64	66
89	91
1x14	1x16
39	41
63	65
89	91
2x14	2x16
40	42
64	66
89	91
3x14	3x16
3x42	Inspector no line of Ivy St

State Street

South from Juniper

W	E
3x60	6 in y East for Ivy Street
4x19	4x21
44	46
69	71
94	96
5x15	after y East
5x19	
5x44	5x46
70	72
94	96
6x19	6x21
44	46
69	71
94	96
7x14	6 in y west
7x16	6 in y East for Hawthorn Street
7x22	end of Pipe in Flushtark

Union Street

North of J

W	E	W	E
Begin at 0		7x47	7x49
1x02	1x04	7 ³	7 ⁵
2 ³	2 ⁵	8x00	Inspection
48	50	So line of J Street	
71 ⁵	73 ⁵	8x72 ⁵	8x74 ⁵
97 ⁵	99 ⁵	98	9x00
2x22	2x24	9x22 ⁵	24 ⁵
48	50	48	50
73	75	72	74
97	99	96 ⁵	98 ⁵
3x23	3x25	10x22 ⁵	10x24 ⁵
48	50	47	49
73	75	73	75
4x00	Inspection	98 ⁵	11x00 ⁵
H Street		11x23	25
4x97	4x99	49	51
5x23	5x25	11x75	Inspection
47	49	So line of H Street	
73	75	12x48 ⁵	12x50 ⁵
98	6x00	73 ⁵	75 ⁵
6x23	25	99	13x01
48	50	13x24	26
73	75	48 ⁵	50
98	7x00	73	75
7x23	25	98	14x00

Union Street

W	E	W	E
14x23 ⁵	14x25 ⁵	21x99	22x01
48	50	22x23 ⁵	.25 ⁵
73	75	49	.51
98	15x00	73	.75
15x23	25	98	23x00
15x50	Inspection E & S	23x20	Inspection
16x24	16x26	C Street	
48 ⁵	50 ⁵	24x00	24x02
73	75	24	26
98 ⁵	17x00 ⁵	48 ⁵	50 ⁵
17x23	25	72 ⁵	74 ⁵
49	51	98 ⁵	15x00 ⁵
74	76	25x23	25
98	18x00	48 ⁵	50 ⁵
18x23 ⁵	25 ⁵	73	75
48	50	98	26x00
73	75	26x22	.24
98	19x00	48	50
19x25	Inspection II	74	76
20x48	20x50	27x00	Inspection
74	76	B Street	
99	21x01	27x77	27x79
21x23	25	28x03	28x05
49	.51	28	.30
73	75	.53	.55

Union Street

North of Ash

W	E	W	E
28x78	28x80	Began at 0	
29x03	29x05	0x56	0x58
27	29	80	82
53	55	1x05	1x07
77	79	30	32
30x03	30x05	55	57
28	30	79 ^s	81 ^s
54	56	2x05	2x07
30x78	Inspector A. Street	29 ^s	31 ^s
31x59	31x61	55	57
86 ^s	85 ^s	79 ^s	81 ^s
32x08	32x10	3x05 ^s	3x07 ^s
33	35	30	32
58	60	3x57	Inspector
83	85	so line back St	
33x02	33x04	8x75	6 in Y East
33x10	end of Pipe	4x35	4x37
150ft	south of South	50 ^s	62 ^s
line of	Ash St	4x70	Extra Street
		for McRae	
		4x85	4x87
		5x09 ^s	5x11 ^s
		84	86
		60	62
		84	86

Union Street

North of Ash

W	E	W	E
6x10	6x12	12x16 ^s	12x18 ^s
35 ^s	37 ^s	42 ^s	44 ^s
60	62	68	70
85 ^s	87 ^s	93	95
7x10	7x12	13x18 ^s	13x20 ^s
7x37	Inspector South	44	46
line of	Cedar St	68 ^s	70 ^s
7x56	6 in Y East	94	96
for	Cedar Street	14x19	14x21
8x15	8x17	43 ^s	45 ^s
39 ^s	41 ^s	69	71
65	67	14x96	Inspector south
90	92	line of	Elm
9x15 ^s	9x17 ^s	15x14	6 in Y East
40 ^s	42 ^s	for	Elm
68	67	15x75 ^s	15x75 ^s
89 ^s	91 ^s	99 ^s	16x01 ^s
10x15 ^s	10x17 ^s	16x24	26
39 ^s	41 ^s	48 ^s	50 ^s
65 ^s	67 ^s	70	72
90	92	16x72	6 in Y for
11x14	Inspector	Albatross St	
Gate	Street	16x89	
11x32	6 in Y East for	Gate	17x13 ^s
11x91	11x93	39	

Union North of Ash

W	E	W	E
17x64		24x50 ⁵	24x52 ⁵
88		75.5	77.5
18x14		25x01	25x03
38.5		25.5	27.5
63		25x88	6in Y for
89		Brannt Street	East
19x03	Inspector South	25x52 ⁵	
line of Fir Street		78	
20x23.5		26x02.5	
47.5		26	
73		52	
95.5	20x97.5	74.5	
21x23	21x25	26x78	end of
46	48	Pipe in Filurhtank	
70.5	72.5	on Union St	
95	97		
22x21.5	22x23.5		
46	48		
70.5	72.5		
23x03	Inspector South		
line of Grape			
23x13	Extra Y East		
24x01	23x83		
24x01	24x03		
16.5	28.5		

Brannt Street from Union

W	E	W	E
0x19		6x05	6x07
39		29	31
57		55	57
70		79.5	81.5
96.5		7x05	7x07
1x21		29	31
1x47	Inspector South	54	56
line of Hawthorn St		79	81
1x63	6in Y East for	8x04.5	8x06.5
Hawthorn Street		29	31
2x26.5		54	56
56		8x82	end of
2x75	2x77	Pipe in Filurhtank	
98	3x00		
3x24.5	26.5		
54	56		
75	77		
99	4x01		
4x25	4x27		
49.5	51.5		
75	77		
99.5	5x01.5		
5x27	Inspector South		
line of Ivy St			
5x45	6in Y East for		
Ivy Street			
		2x10	Inspector So
		line of Fir Street	

Albatros North From Elm

0x28	
54	
78	
1x04	
28	
53	
78	
2x10	Inspector So
line of Fir Street	

Albatros

North from Elm

W	E	W	E
2x29	6 in E East for	9x18	9x20
Fin Street		43	45
2x88	2x90	9x71	Inspector
3x13	3x15	South line of Hawthorn Street	
37	39	9x81	6 in E East for Hawthorn
63	65	10x49	10x91
89	91	73	75
4x13	4x15	98	11x00
38	40	11x24	26
63	65	48	50
5x91	Inspector south line of Grope St	78	75
6x10	6 in E East for Grope St	98	12x00
6x68	6x70	12x23	25
93	95	49	51
7x18	7x20	73	75
43	45	99	13x01
57	Ext E West	13x23	25
69	71	13x43	6 in E East
93	95	13x49	end of
8x19	8x21	Pepe in Flushing	
43	45		
69	71		
93	95		

Front Street

Beginning at Main Line on I Street

W	E	W	E
Regent	0	7x72	7x74
1x00	1x02	8x00	Inspector
22 ⁵	24 ⁵	G Street	
48	50	8x78 ⁵	8x80 ⁵
73	75	9x03	9x05
97	99	28	30
2x22 ⁵	2x24 ⁵	53	55
48 ⁵	50 ⁵	78	80
72	74	10x03	10x05
97	99	26 ⁵	28 ⁵
3x23	3x25	53 ⁵	55 ⁵
47 ⁵	49 ⁵	78	80
71	73	11x03	11x05
4x00	Inspector N.E.	28	30
4x97	4x99	52 ⁵	54 ⁵
5x23	25	11x80	Inspector
47 ⁵	49 ⁵	H Street	
71	74	12x58 ⁵	12x60 ⁵
98	6x00	83 ⁵	85 ⁵
6x21	23	13x08	13x10
48	50	33	35
73	75	58	60
97 ⁵	99 ⁵	83	85
7x22	7x24	14x08	14x10
47 ⁵	49 ⁵	33	35

Front Street

W	E		W	E
14x58	14x60		21x98	22x00
83	85		22x23	25
15x08	15x10		47 ⁵	49 ⁵
33	35		72 ⁵	74 ⁵
15x59 ⁵ Inspector			98 ⁵	23x00
II Street			23x20 Inspector	
16x38	16x40		C Street	
88	90		23x98	24x00
17x13	17x15		24x22 ⁵	24 ⁵
38	40		47 ⁵	49 ⁵
63	65		74	76
88	90		99 ⁵	25x01 ⁵
18x13	18x15		25x23	25
37	39		47	49
62 ⁵	64 ⁵		73	75
88	90		98	26x00
19x17 ⁵	19x19 ⁵		26x23	25
19x20 Inspector			48 ⁵	50 ⁵
III Street			78	75
20x48	20x50		27x00 Inspector	
73	75		B Street	
98	21x00		27x78	27x80
21x23	25		28x03	28x05
48	50		27 ⁵	29 ⁵
73	75		51 ⁵	53 ⁵

Front Street

W	E		W	E
28x77 ⁵	28x79 ⁵		39x67 ⁵	39x69 ⁵
29x02	29x04		40x18	40x20
28	30		68	70
52	54		41x18	41x20
78	80		68	70
80x03	30x05		42x20 Inspector	
28	30		Cedar Street	
52	54		42x98	43x00
30x79 Inspector A St			43x48	50
31x58	31x60		97	99
32x08	32x10		44x48	44x50
58	60		98	45x00
33x07	33x09		45x48	50
58	60		1	73
34x09	34x11		46x00 Inspector	
32	34		IIate Street,	
34x60 Inspector C St			46x77	46x79
35x38	35x40		47x28	47x30
88	90		77	79
36x37	36x39		48x28	48x30
88 ⁵	90 ⁵		78	80
37x38	37x40		49x28	49x30
88	90		53	55
38x40 Inspector			49x80 Inspector	
Beach Street			Elm Street,	
39x17	39x19			

Front Street

W	E		W	E
50X58	50X60		58X41	58X43
51X08	51X10		68	70
58	60		92	94
52X07	52X09		59X18	59X20
57	59		42 ⁵	44 ⁵
53X07	53X09		68	70
53	55		92 ⁵	94 ⁵
53X60	Inspector Fire Street		60X18	60X20
54X38	54X40		48 ⁵	45 ⁵
61	63		68 ⁵	70 ⁵
86	88		93 ⁵	95 ⁵
55X11	55X13		61X20	Inspector
37 ⁵	39 ⁵		Sol in Hawthorn	
63	65		61X38	6 in Y East
86	88		for Hawthorn Street	
56X10	56X12		61X98	62X00
36	38		62X23	25
62 ⁵	64 ⁵		47 ⁵	49 ⁵
88	90		71	74
57X12 ⁵	57X14 ⁵		97 ⁵	99 ⁵
57X40	Inspector South		63X22 ⁵	63X24 ⁵
line of Grape St			48	50
57X58	6 in Y East		72 ⁵	74 ⁵
for Grape St			98	64X00
58X18	58X20		64X23	25

Front Street

W	E			
64X47	64X49			
73	75			
65X00	Inspector so.			
line of Ivy St				
65X18	6 in Y East			
for Ivy Street				
65X78 ⁵	65X80 ⁵			
66X03	66X05			
27 ⁵	29 ⁵			
53	55			
77	79			
67X03	67X05			
27 ⁵	29 ⁵			
53	55			
78	80			
68X03 ⁵	68X05 ⁵			
27	29			
68X55 end of pipe				
in Flushing tank				
68X80 Prop line				
on south side of				
Juniper Street				

First Street

W	E	W	E
Station 1 North side of J Street		7x47	7x48
1x18 ⁵	1x20 ⁵	71 ⁵	73 ⁵
45	47	8x00 Inspector	
71	73	J Street	
95	97	8x40 Center of St	
2x21	2x23	8x77	8x79
46	48	9x02	9x04
70	72	28	30
96	98	52	54
3x22	3x24	78	80
46	48	10x02 ⁵	10x04 ⁵
66	68	28	30
82	84	52	54
4x00 Inspector		78	80
4x50 Center of H Street		11x03	11x05
4x99	5x01	29	31
5x23	25	53	55
48	50	11x80 Inspector	
73	75	K Street	
98	6x00	12x20 Center of St	
6x22	24	12x57	12x59
48	50	83	85
75	75	13x07	13x09
98	7x00	33	35
7x25 ⁵	25 ⁵	56	58
		83	85

First Street

W	E	W	E
14x02	14x09	20x49	20x51
33	35	72	74
58	60	98	21x00
83	85	21x23	25
15x07	75x09	46	48
31	33	72 ⁵	74 ⁵
46	48	96	98
15x60 Inspector South	22x21 ⁵	22x23 ⁵	
line of I Street	46 ⁵	48 ⁵	
16x00 Center of E St.	71	73	
16x37	16x39	97	99
61	63	23x21 Inspector South	
87	89	line of C Street	
17x12	17x14	25x60 Center of C	
38	40	23x98	24x00
62	64	24x21 ⁵	23 ⁵
87	89	41	43
18x11	18x13	71	73
87 ⁵	39 ⁵	98	15x00
62	64	25x23	25
88	90	48	50
19x25 Inspector South	73	75	
side of M Street	98	26x00	
19x87 ⁵ Center of	26x23	25	
J Street	48	50	

First Street

W	E	W	E
26x73	26x75	33x55	33x57
27x00	Inspector South	83	85
line of B Street		34x08	34x10
27x40	Center of B Str.	82	84
27x77 ⁵	27x79 ⁵	34x60	Inspector
28x03	28x05	South line of A St	
28	30	34x79	6 ⁱⁿ Y East
53	55	35x37	35x39
78	80	87	89
29x02	29x04	36x38	36x40
26 ⁵	28 ⁵	86	88
51 ⁵	53 ⁵	37x37	37x39
76 ³	78 ³	86	88
30x01 ⁵	30x03 ⁵	38x13	38x15
27	29	38x40	Inspector
52 ⁵	54 ⁵	South side of Beach	
30x80	Inspector South	38x58	6 ⁱⁿ Y Beach
line of A Street		39x17	39x19
31x20	Center of A St	42	44
30x99	6 ⁱⁿ Y East	68	70
31x01	6 ⁱⁿ Y West of A	72	74
31x58	31x60	40x16	40x18
32x08	32x10	43	45
56	58	67	69
33x06	33x08	93	95

First Street

W	E	W	E
41x17	41x19	47x02	47x04
42	44	28	30
67	69	52	54
91	93	77	79
42x20	Inspector So	48x02	48x04
line of Cedar St		27	29
42x39	6 ⁱⁿ Y East	52	54
42x97	42x99 on	76	78
out of A St Culvert		49x02	49x04
43x24	43x26	27	29
47	49	52	54
72	74	49x80	Inspector
97	99	So line of Elm St	
44x22	44x24	49x98	6 ⁱⁿ Y East
46	48	for Elm Street	
75	75	50x50	50x60
97	99	81	83
45x21	45x23	51x07	51x09
47	49	32	34
72	74	57	59
46x00	Inspector So	82	84
line of date Street		52x06	52x08
46x18	6 ⁱⁿ Y East	32	34
for date Street		56	58
46x78	46x80	83	85

First Street

W	E	W	E
53x07	53x09	59x43	59x45
x60 Inspection So		67	69
line of First Street		60x17	60x19
53x79	6 in Y East for Fir	43	45
54x16	54x18	67	69
38	40	91	93
62	64	61x10	Inspection
88	90	South side Hawthorn	
55x12	55x14	61x38	6 in Y East
38	40	for Hawthorn St	
62	64	61x97	61x99
87	89	62x23	62x25
56x12	56x12	47	49
38	40	71	73
63	65	98	68x00
88	90	68x22	24
57x12	57x14	48	50
57x40	Inspection south	72	74
line of Grape St		96	98
57x58	6 in Y East for Grape	64x22	64x24
58x17	58x19	47	
43	45	71	
67	69	65x00	Inspection
93	95	So line of Ivy St	
59x17	59x19		

First Street

W	E		
65x18	6 in Y East		
for Ivy Street			
65x77	65x79		
66x01	66x03		
27	29		
51	53		
77	79		
82x08	92 ^{entry} East		
67x03			
27	67x29		
53	55		
77	79		
68x03	68x05		
27	29		
x50	6 in Y West for		
Juniper St			
68x52	6 in Y East		
for Juniper St			
68x54	end of Pipe		
for black tank			

2nd Street

W	E	W	E
1 = N.S	J	7x80	Inspector So
1x25 ⁵	1x28 ⁵	line of H Street	
49	51	8x30	Center of H
76	78	8x77	8x79
95	97	9x03	9x05
2x21	2x23	27	29
44 ⁵	46 ⁵	51	53
71 ⁵	73 ⁵	75	77
96	98	10x01	10x03
3x21	3x23	25	27
45	47	51 ⁵	53 ⁵
71	73	76	78
4x00	Inspector I Sta	11x02	11x04
4x40	Center of I Sta	26	28
5x02	5x04	52	54
25	27	11x80	Inspector
54	56	12x20	Center of G Sta
74 ⁵	76 ⁵	12x57	12x59
6x00	6x02	83	85
22	24	13x07	13x09
49	51	33	35
71	73	58	60
97	99	81	83
7x23	7x25	14x07	14x09
51	53	31	33

2nd Street

W	E	W	E
14x58	14x60	21x43	21x45
82	84	69	71
15x08	15x10	93	95
31 ⁵	33 ⁵	22x18	22x20
15x60	Inspector South	43	45
Side of H Street		68	70
16x00	Center of H Sta	23x05	Inspector
16x38	16x40	23x67 ⁵	Center of
62	64	II Street	
88	90	24x28	24x30
17x12	17x14	52 ⁵	54 ⁵
38	40	78	80
62	64	25x03	25x05
86	88	28	30
18x13	18x15	53	55
37	39	78	80
63	65	26x03	26x05
87 ⁵	89 ⁵	28	30
19x13	19x15	53	55
19x40	Inspector II Sta	78 ⁵	80 ⁵
19x80	Center of II Sta	27x00	Inspector So
20x43	20x45	Side of C Street	
68	70	27x40	Center of C Sta
92 ⁵	94 ⁵	77	79
21x17 ⁵	21x19 ⁵	28x08	28x05

2nd Street

W	E	W	E
28x28	28x30	34x07	34x09
53	55	35	37
77	79	34x60	Inspector S.
29x03	29x05	line of A Street	
28	30	34x78	6in Y East
53	55	35x88	35x40
78	80	62	64
30x05	30x05	87	89
28	30	36x12	36x14
53	55	38	40
30x30	Inspector south	63	65
side B Street		87	89
30x98	6in Y East	37x13	37x15
for B Street		37	39
31x57	31x59	61	63
83	85	89	91
32x08	32x10	38x12	38x14
32	34	38x40	Inspector
58	60	South line of Oak St	
82	84	38x59	6in Y East
33x08	33x10	39x17	39x19
33	35	42	44
57	59	66	68
67	6in Y East	93	95
83	85	40x17	40x19

2nd Street

W	E	W	E
40x43	40x45	40x77	46x86
67	69	47x03	47x05
92	94	27	29
41x18	41x20	52	54
42	44	77	79
66	68	48x02	48x04
91	93	27	29
42x20	Inspector South	57	53
line of Beach		77	79
42x39	6in Y East/Back	49x02	49x04
42x97	42x99	27	29
43x21	43x23	52	54
47	49	49x80	Inspector
72	74	south line of Kate	
96	98	49x98	6in Y East
44x22	44x24	50x57	50x59
47	49	82	84
73	75	51x07	51x09
97	99	33	35
45x21	45x23	57	59
47	49	82	84
72	74	52x05	52x09 to suit
46x00	Inspector South	OWNER	
line of Cedar Street		52x52	52x54
46x18	6in Y East	57	59
for Cedar St.			

2nd Street

W	E		W	E
52x82	52x84		58x92	58x94
53x07	53x09		59x17	59x19
33	35		42	44
53x60	Inspector South		67	69
line of Elm			92	94
53x78	6 in Y East for		60x12	60x19
Elm Street			42	44
54x30	54x38		67	69
62	64		60x88	6 in Y West
87	89		x90	" " East
55x11	55x13		for Grape Str	
36	38		60x94	end of
62	64		Pipe 25 ft south	
87	89		of <u>South line of Grape</u>	
56x12	56x14		South of	
36	38		Hawthorn	
57	59		E	60
86	88		Began at 0	
57x12	57x14			
57x40	Inspector South		2x 62	
line of Elm Street			98	5x00
57x58	6 in Y East for Elm		37x46	6 in Y East
58x17	58x19		x48	6 in Y West
43	45		for Grape	
68	70			

2nd Street
North of Hawthorn

W	E		W	E
Began at 0				
0x47	0x49			
73	75			
98	1x00			
1x23 ⁵	25 ⁵			
73	75			
2x22 ⁵	2x24 ⁵			
74 ⁵	76 ⁵			
3x22 ⁵	3x24 ⁵			
3x51 ⁵	Inspector So			
line of Ivy				
3x70 ⁵	6 in Y East			
4x27 ⁵	4x29 ⁵			
79 ⁵	81 ⁵			
5x28 ⁵	5x30 ⁵			
78 ⁵	80 ⁵			
6x29 ⁵	6x31 ⁵			
78 ⁵	80 ⁵			
7x25 ⁵	6 in Y West			
7x32 ⁵	end of Pipe			
for Flunk tank				
on Geneva Street				

3rd Street

W	E		W	E
1x00	Prop line	N side J. St.	7x45 ⁵	7x47 ⁵
1x27 ⁵	1x29 ⁵		7x80	Inspector
52	54			South side of H St.
80	82		8x30	Center of H St.
2x00	2x02		8x95	8x97
23	25		9x19	9x21
52	54		47	49
78	80		73	75
3x02	3x04		99	10x01
29	31		10x24	26
53	55		50	52
69	71		74	76
4x00	Inspector	South	11x00	11x02
	line of	I Street	24	26
5x01	5x03		50	52
25	27		11x80	Inspector
53	55		11x20	Center of G.
78 ⁵	80 ⁵		12x82	12x84
6x03	6x05		13x06 ⁵	13x08 ⁵
27	29		32	34
57	53		57	59
75	77		82 ⁵	84 ⁵
98	7x00		14x06 ⁵	14x08 ⁵
7x24 ⁵	26 ⁵		35	37
			56	58

3rd Street

W	E		W	E
14x83	14x85		21x42	21x44
15x07	15x09		67	69
28	30		93	95
15x60	Inspector	So	22x17	22x19
	line of	F Street	40	42
16x00	Center of	F St.	68	70
16x41	16x43		88	90
68	70		23x03	Inspector
90	92		23x67 ⁵	Center of
17x14 ⁵	17x16 ⁵			III Street
38	40		23x98	24x00
62	64		24x23	25
87	89		47	49
18x11	18x13		71	73
34	36		97	99
60 ⁵	62 ⁵		25x23	25x25
85 ⁵	87 ⁵		48	50
19x10 ⁵	19x12 ⁵		71	73
19x40	Inspector		98	26x00
19x80	Center of	E St.	26x21 ⁵	23 ⁵
20x18	20x20		47	49
42	44		71 ⁵	73 ⁵
66	68		88 ⁵	90 ⁵
92	94		27x00	Inspector C
21x18	21x20		27x40	Center of
				C Street

3rd Street

W	E	W	E
27x77	27x79	34x32	34x34
28x02	28x04	34x60	Inspector
26 ⁵	28 ⁵	35x00	Center of
51	53	35x57 ⁵	35x57 ⁵
76 ⁵	78 ⁵	87	89
29x03	29x05	36x38	36x40
28	30	88	90
53	55	37x38	37x40
78	80	88	90
30x02	30x04	38x11 ⁵	38x13 ⁵
27	29	38x40	Inspector
52	54	38x80	Center of Oak
30x80	Inspector B. Sta	39x18 ⁵	39x20 ⁵
31x20	Center of B. Sta	67	69
57	31x59	40x38	40x40
81 ⁵	83 ⁵	66 ⁵	68 ⁵
32x07	32x09	41x18	41x20
32	34	67	69
56 ⁵	58 ⁵	93 ⁵	95 ⁵
81	83	42x20	Inspector
33x06	33x08	42x60	Center of
81 ⁵	83 ⁵	Beach Sta	
58	60	42x98	43x00
83	85	43x98	50
34x07	34x09	97	99

3rd Street

W	E	W	E
44x49	44x51	52x81	52x83
99	45x01	53x07	53x09
45x48	x50	32	34
72 ⁵	74 ⁵	55x60	Inspector South
46x00	Inspector ^{Cedar} Street	line of Elm Street	
46x40	Center of Cedar	53x78	6in Y East
79	46x81	for Elm	
47x28	.50	54x37	54x39
78	80	62	64
48x27	48x29	89	89
.77	.79	56x12	56x14
49x27	49x29	37	39
52	54	62	64
49x80	Inspector Date St	89	89
Station 50x93	end of	57x12	57x14
wooden Box and	and	57x40	Inspector So
beginning of 6in Pipe	line of Fir Street	57x58	6in Y East
51x08	51x10	for Fir Street	
32	34	58x16	58x18
57	59	42	44
82	84	67	69
52x08	52x10	92	94
31	33	59x17	59x19
57	59	42	44

30th Street

North from Hawthorn

W	E	W	E
59X67	59X69	0X20	6 ⁱⁿ S South
92	94	78	0X80
60X17	60X19	1X28	30
42	44	78	80
67	69	2X28	2X30
92	94	78	80
61X14	6 ⁱⁿ Street	3X28	3X30
for Grape Street		53	55
61X20	end of Pepp		76 ^{extra}
South line of Grape St		4X55	4X57
		80	82
South from Hawthorn		5X04	5X06
0X61	0X63	30	32
88	88	54	56
1X09	1X11	78	80
34	36	6X05	6X07
60	62	31	33
84	86	54	56
2X09	2X11	80	82
35 ⁵	37 ⁵	7X04 ⁵	7X06 ⁵
60	62	30 ⁵	32 ⁵
85	87	7X56	end of
3X10	3X12	Pepp in Flusk tank	
34 ⁵	36 ⁵		
5X61	end of Pepp in		
Flusk tank			

4th Street

W	E	W	E
Regen A Station	0	7X53	7X55
0X98	1X00	7X80	Inspection I st St
1X23	25	8X20	Center of I st Street
48	50	8X58	8X60
76	78	85 ⁵	85 ⁵
97	99	9X08	9X10
2X21	2X23	32	34
47 ⁵	49 ⁵	58	60
73	75	82	84
93 ⁵	99 ⁵	10X08	10X10
3X23	3X25	33	35
48	50	58	60
72	74	83	85
4X00	Inspection I st St	11X07 ⁵	11X09 ⁵
4X78	4X80	33 ⁵	35 ⁵
5X02	5X04	11X58	Inspection H st St
.28	.30	12X10	Center of H st St
.53	.55	12X56	12X58
.78	.80	83	85
6X02 ⁵	6X04 ⁵	13X08	13X10
.27 ⁵	.29 ⁵	.32 ⁵	.34 ⁵
53	55	.58	.60
78 ⁵	80 ⁵	.83	.85
7X03	7X05	14X07	14X09
27	29	14X33	35

4th Street

W	E
14x58	14x60
85	85
15x07 ⁵	15x09 ⁵
84	36
15x60	Inspection A Street
16x00	Center of G Street
16x57	16x59
63	65
88	90
17x13	17x15
38	40
63	65
87 ⁵	89 ⁵
18x13	18x15
37	39
62 ⁵	64 ⁵
88	90
19x13	19x15
19x40	Inspection F Sta
Center of F Sta	19x80
20x18	20x20
43	45
68	70
93	95
21x18	21x20

W	E
21x43	21x45
68	70
92 ⁵	94 ⁵
22x17 ⁵	22x19 ⁵
43	45
69 ⁵	71 ⁵
93	95
23x20	Inspection
23x60	Center of H
24x00	24x02
23	25
48	50
72 ⁵	74 ⁵
98	25x00
25x23	25
48	50
72 ⁵	74 ⁵
97	99
26x22 ⁵	26x22 ⁵
47	49
73	75
27x00	Inspection
27x40	Center of I
27x77	27x79
28x01	28x03

4th Street

W	E	W	E
28x28	28x30	35x38	35x40
51 ⁵	53 ⁵	63	65
78	80	89	91
29x03	29x05	36x13 ⁵	36x15 ⁵
28	30	38	40
52 ⁵	54 ⁵	63	65
76 ⁵	78 ⁵	89	89
30x03	30x05	37x14	37x16
26 ⁵	28 ⁵	38	40
52 ⁵	54 ⁵	63	65
30x81	Inspection C Sta	88	90
31x20	Center of C Sta	38x12 ⁵	38x14 ⁵
57	31x59	38x40	Inspection
82	84	38x80	Center of A Sta
32x07	32x09	39x18	39x20
31	33	67 ⁵	69 ⁵
56 ⁵	58 ⁵	40x17 ⁵	40x19 ⁵
83 ⁵	85 ⁵	68	70
33x08	33x10	41x17	41x19
32 ⁵	34 ⁵	68	70
58	60	42x20	Inspection
82 ⁵	84 ⁵	42x60	Center of Ark Sta
34x07 ⁵	34x09 ⁵	42x98	43x00
32 ⁵	34 ⁵	43x48	x50
34x60	Inspection B	98	44x00
35x00	Center of B Sta		

4th Street

W	E		E
44x48	44x50		
98	45x00		
45x48	50		
73	75		
46x00	Inspection		
46x40	Center of Beach		
x77	46x79		
47x27	47x29		
76	78		
48x28	48x30		
78	80		
49x28	49x30		
53	55		
49x80	Inspection Cedar St		
50x20	Center of Cedar St		
58	50x60		
51x08	51x10		
58	60		
52x09	52x11		
57.5	59.5		
53x08	53x10		
53x60	Inspection Mate		
54x00	Center of Mate St		
54x20	Commencement		
	of Wooden Bay		

Wooden Sewer
 Bay from 54x20
 to 58x11=39 ft

Elm Street 67x80
 58x18 58x20
 67 69
 59x18 59x20
 68 70
 60x18 60x20
 68 70
 61x20 Inspection
 61x99 62x01
 62x49 51
 63x00 63x02
 47 49
 99 64x01
 64x47 49
 65x00 Inspection
 x40 Center of Grap
 78 65x80
 66x28 66x30
 78 80

4th Street

W	E		W	E
67x29	67x31			
77	79			
68x28	68x30			
68x80	Inspection			
69x20	Center of Hawthorn Street			
69x58	69x60			
70x07	70x09			
57	59			
82	84			
71x08	71x10			
58	60			
72x08	72x10			
33	35			
60	Inspection			
73x00	Center of Ivy St			
38	73x40			
88	90			
74x38	74x40			
88	90			
75x38	75x40			
75x90	end of			
	Pipe in Flank tank			

55.17 39.7
 57.20
 39.7

5th Street

South of K

North of K

W	E	W	E
0x42	Soline of K	1x01	1x05
0x41	0x43	22	24
65 ^s	67 ^s	48	50
90 ^s	92 ^s	78 ^s	75 ^s
1x15 ^s	1x17 ^s	98	2x00
40 ^s	42 ^s	2x24	26
65 ^s	67 ^s	48 ^s	50 ^s
90	92	73	75
2x15 ^s	2x17 ^s	99	3x01
40	42	3x23	25
65	67	48 ^s	50 ^s
75	77	73 ^s	75 ^s
2x80	end of Pipe	3x96	Inspection
4 ft	from Curve	4x40	J Street
284	total length	4x78 ^s	4x80 ^s
of line		5x03	5x05
		28 ^s	30 ^s
		53	55
		78	80
		6x04	6x06
		28 ^s	30 ^s
		53 ^s	55 ^s
		79	81
		7x03	7x05
		53	55

5th Street

W	E	W	E
7x80	Inspection J Sta.	15x08	15x10
8x20	Center of J Street	32	34
58	8x60	15x60	Inspection G
83	85	16x00	Center of G Sta.
9x08 ^s	9x10 ^s	16x38	16x40
33	35	63	65
59	61	88	90
83	85	19x13 ^s	17x15 ^s
10x08	10x10	37 ^s	39 ^s
33	35	63	65
64	66	87	89
83	85	18x13	18x15
11x09	11x11	35	37
33 ^s	35 ^s	63	65
11x60	Inspection	89	89
12x10	Center of H Sta.	19x13	19x15
58	12x60	19x40	Inspection H Sta.
83 ^s	85 ^s	19x80	Center of H Sta.
13x08	13x10	—	19x83
33	35	20x18	20x20
59	61	43	45
83 ^s	85 ^s	68 ^s	70 ^s
14x09	14x11	93	95
33	35	21x18 ^s	21x20 ^s
58	60	43	45
83	85		

5th Street

5th Street

W	E	W	E
21x68	21x70	28x53	28x55
93	95	78	80
22x17	22x19	29x08	29x05
45	45	27	29
67	69	53	55
93	95	77	79
23x20	Inspector $\frac{1}{4}$ Sta	30x03	30x05
23x60	Center of $\frac{1}{4}$ Street	27.5	29.5
97	23x99	53	55
24x23	24x25	30x80.5	Inspector
47.5	49.5	31x20	Center of C
73	75	31x58	31x60
98	25x00	83.5	85.5
25x22	24	32x08	32x10
47.5	49.5	33	35
77	78.5	56.5	58.5
97	99	83	85
26x22	26x24	33x06.5	33x08.5
47	49	33	35
73	75	58	60
27x00	Inspector $\frac{1}{4}$ Sta.	83	85
27x40	Center of $\frac{1}{4}$ Sta.	34x07	34x09
27x28	27x80	33	35
28x02	28x04		Reduce 8 to 6
.28	.30	34x59	Inspector
		35x00	Center of B

W	E	W	E
35x38	35x40	43x98	44x00
63	65	44x48	50
86.5	88.5	98	45x00
36x13	36x15	45x48	50
37	39	72	74
63	65	46x00	Inspector Beach
88	90	46x40	Center of Beach
37x13	37x15	46x78	46x80
38	40	47x28	47x30
63	65	78	80
88	90	48x24	48x26
38x13	38x15	78	80
38x40	Inspector	49x28	49x30
38x80	Center of A Sta.	53	55
39x18.5	39x20.5	49x80	Inspector
68	70	50x20	Center of Cedar
40x19	40x21	50x58	50x60
68.5	70.5	51x08	51x10
41x18	41x20	58	60
68	70	52x08	52x10
93	95	58.5	60.5
42x20	Inspector	53x08	53x10
42x60	Center of Cash	53x33	Inspector
42x98.5	43x00.5	53x60	Inspector
43x48.5	50.5	54x00	Center of Hate Street

5th Streets

5th Street

W	E	W	E
54x38 ⁵	54x40 ⁵	65x78	65x80
88	90	66x28	66x30
55x38	55x40	78	80
88	90	67x28	67x30
56x38	56x40	78	80
88	90	68x28	68x30
57x12	57x14	54	56
57x40	Inspector Elm St	68x80	Inspector
55x80	Center of 7th Street	Hewthorn Street	
58x18	58x20	68x96	Connected
68	70	69x59	69x61
59x18	59x20	70x09	70x11
68	70	59	61
60x18 ⁵	60x20 ⁵	85	Connected
68	70	71x08	71x10
93	95	59	61
61x20	Inspector Fir St	72x08	72x10
61x60	Fir Street Center	34	36
98	62x00	72x60	Inspector
62x48	50	Ivy Street	
62x98	63x00	73x38	73x40
63x48	50	88	90
98	64x00	74x38	74x40
64x48	50	89	91
73	75	75x39	75x41
65x00	Inspector Grape Street		

W	E				
75x89	75x91				
76x13	76x15				
76x20	6x6 J	vent			
76x35	end of Pipe				
in Flush tank					

6th Street

W	E	W	E
1 block from K to L taken up on account of change in Main line. for this reason the 6 th Street line 8 in pipe begins at K Street at station			
4 x 80 Prop line.			
4 x 76	4 x 78	9 x 83	9 x 85
5 x 02	5 x 04	10 x 08 ⁵	10 x 10 ⁵
27	29	33	35
51 ⁵	53 ⁵	57	59
77	79	83	85
6 x 01	6 x 03	11 x 07 ⁵	11 x 09 ⁵
28	30	31	33
52	54	11 x 60	Inspection
76	78	12 x 00	Center I St;
7 x 00 ⁵	7 x 02 ⁵	12 x 36	12 x 38
26	28	63	65
52	54	86 ⁵	88 ⁵
7 x 80	Inspector J St	13 x 12	13 x 14
8 x 20	Center of J Street	36	38
8 x 58	8 x 60	62	64
82	84	86	88
9 x 08	9 x 10	14 x 18	14 x 13
34	36	37	39
58	60	68	65

6th Street

W	E	W	E
14 x 89	14 x 91	22 x 18	22 x 20
15 x 13	15 x 15	43	45
15 x 35	Inspector	68	70
15 x 90	Center of H. Sta.	93	95
16 x 38	16 x 40	23 x 18	Inspector H Street
63	65	98	24 x 00
88	90	24 x 22 ⁵	24 ⁵
17 x 12 ⁵	17 x 14 ⁵	48	50
38	40	73	75
62	64	98	25 x 00
88	90	25 x 23	27
18 x 13	18 x 15	47	49
38	40	73	75
62	64	98	26 x 00
88	90	26 x 23	25
19 x 12	19 x 14	48	50
19 x 40	Inspector	73	75
19 x 80	Center of G St	27 x 00	Inspector
20 x 17 ⁵	20 x 19 ⁵	H Street	
43	45	27 x 78	27 x 80
68	70	28 x 03	28 x 05
91 ⁵	93 ⁵	28	30
21 x 16	21 x 18	53	55
42	44	78	80
68	70	29 x 03 ⁵	29 x 05 ⁵
93	95		

6th Street

W	E		W	E
29x28	29x30		36x68	36x65
53	55		88	90
77	79		37x18	37x15
30x03	30x05		38	40
27	29		63	65
53	55		87	89
30x80	Inspector H ¹ Street		38x12	38x14
31x59	31x61		x21	8 to 6 Cedar
83	85		38x40	Inspector
32x08	32x10		B Street	
33	35		39x18	39x20
58	60		43	45
83	85		68	70
33x08	33x10		92	94
35	37		40x19	40x21
58	60		43	45
83	85		68	70
34x10	34x12		94	96
33	35		41x18	41x20
34x60	Inspector C Str.		44	46
35x38	35x40		69	71
68	65		42x20	Inspector
88	90		A Street	
36x13	36x15		42x99	43x01
38	40		43x48	50

6th Street

W	E		W	E
43x97	43x99		54x88	54x90
44x48	44x50		55x38	55x40
98	45x00		88	90
45x47	49		56x38	56x40
74	76		88	90
46x00	Inspector		57x40	Flushter 12
	Ark Street			So line of
46x78	46x80			Wate Street
47x28	47x30			
77	79			
48x28	48x30			
79	81			
49x27	49x29			
54	56			
49x80	Inspector			
	Beach Street			
50x58	50x60			
51x08	51x10			
58	60			
52x09	52x11			
58	60			
53x09	53x11			
53x60	Inspector			
	Salina Cedar Street			
54x38	54x40			

7th Street

W	E	W	E
Begin at North side of		7x08 ⁵	7x05 ⁵
L. Station 1x00 Prof Line		28	30
1x02	1x04	53	55
24	26	7x80 Inspector J	
48	50	8x20 Center of J St	
72	74	8x58	8x60
98	2x00	85	85
2x22	24	9x07	9x09
48	50	38 ⁵	35 ⁵
75	75	58	60
99	99	83	85
3x23	3x25 ⁵	10x07 ⁵	10x09 ⁵
48	50	33	35
72	74	39	61
4x00	Inspector K St	82	84
4x40	Center of K Street	11x07	11x09
4x78	4x80	52	34 ⁵
5x03	5x05	11x60	Inspector
28	30	12x08	Center of I
52	54	12x38	12x40
78	80	62 ⁵	64 ⁵
6x02	6x04	88	90
28	30	13x13	13x15
51 ⁵	53 ⁵	87 ⁵	39 ⁵
78	80	63	65

7th Street

W	E	W	E
13x88	13x90	21x18	21x20
14x12 ⁵	14x14 ⁵	42	44
38	40	67	69
63	65	93	95
88	90	22x18	22x20
15x13	15x15	42	44
x37	Inspector H St	68	70
15x90	Center of H St	94	96
16x38	16x40	23x20	Inspector
63	65	23x60	Center of H St
87 ⁵	89 ⁵	98	24x00
17x12 ⁵	17x14 ⁵	24x23	25
37 ⁵	39 ⁵	48	50
62	64	73	75
87	89	98	25x00
18x13	18x15	25x22	24
38	40	47	49
63	65	73	75
87	89	98	26x00
19x14	19x16	26x23	25
19x40	Inspector G	48	50
19x80	Center of G St	73	75
20x19	20x21	27x00	Inspector
42	44	27x40	Center of
67	69	F Street	
93	95		

7th Street

W	E	W	E
27x78	27x80	34x34	34x36
28x04	28x06	34x60	Inspector
28	30	35x00	Center of C
52	54	x39	35x41
78	80	68	65
29x02	29x04	89	91
28	30	36x13	36x15
54	56	39	41
78	80	63	65
30x03	30x05	88	90
28	30	37x12	37x14
53	55	38	40
30x78	Inspector	64	66
III Street	31x20	88	90
31x58	31x60	38x14	38x16
82	84	38x40	Inspector
32x09	32x11	38x80	Center of B St
33	35	39x18	39x20
58	60	44	46
83	85	68	70
33x08	33x10	93	95
33	35	40x19	40x21
59	61	44	46
84	86	68	70
34x08	34x10	93	95

7th Street

W	E	W	E
41x19	41x21	50x58	50x60
43	45	51x08	51x10
69	71	58	60
93	95	52x08	52x10
42x20	Inspector	57	61
A Street		53x08	53x10
42x98	43x00	38	35
43x48	50	53x60	Inspector
98	44x00	Cedar Street	
44x46	48	54x38	54x40
70	72	89	91
98	45x00	55x38	55x40
45x48	50	89	91
74	76	56x38	56x40
46x00	Inspector	84	86
Cedar Street		56x88	end of Paper
46x78	46x80	III Street	
47x29	47x31		
79	81		
48x29	48x31		
79	81		
49x29	49x31		
53	55		
49x80	Inspector		
Beach Street			

8th Street

North of N

0x59	0x61	W	E
Regan at 0		6x88	6x90
0x59	0x61	7x14	7x16 is
1x51 ⁵	1x55 ⁵	25 ft so of 2 St	
58	60	8x20 is end	
83	85	of pipe	
2x07 ⁵	2x09 ⁵	8x20 is = to sta	
33	35	1 N. Lim of 2 St	
57 ⁵	59 ⁵	Station North line	
83	85	of 2 Street	
3x08	3x10	1x02	1x04
32	34	23	25
3x60	Inspector	46 ⁵	48 ⁵
South line of M		73	75
5x76	6" W East fr M	96	98
3x78	6" W West "	2x28	2x25
4x57	4x59	48	50
62 ⁵	64 ⁵	72	74
88	90	98	3x00
5x13 ⁵	5x15 ⁵	3x22	24
38	40	48	50
62	64	72	74
88	90	4x00	Inspector
6x12 ⁵	6x14 ⁵	4x40	Center of K St
38	40	4x78	4x80
62 ⁵	64 ⁵		

8th Street

W	E	W	E
5x02	5x04	11x60	Inspector
28	30	12x00	I Street Center
52	54	12x37 ⁵	12x39 ⁵
78	80	63	65
6x02	6x04	88	90
28 ⁵	30 ⁵	13x13	13x15
52	54	37 ⁵	39 ⁵
78	80	63	65
702	7x04	88	90
28	30	14x12 ⁵	14x14 ⁵
52	54 ⁵	38	40
7x80	Inspector J Sta	63	65
8x20	J. Street	88	90
8x58	8x60	15x13	15x15
83	85	15x40	Inspector
9x08 ⁵	9x10 ⁵	15x90	H Street Cent.
33	35	16x38	16x40
58	60	63	65
83	85	88	90
10x07	10x09	17x13	17x15
33	35	38	40
59	61	63	65
83	85	88	90
11x07	10x09	18x13	18x15
33	35	37	39

8th Street

W	E
18x62	18x64
88	90
19x13	19x15
19x40	Inspector
19x80	Center of S Street
20x17	20x19
435	455
67	69
93	95
22x18	22x20
42	44
68	70
91 ⁵	93 ⁵
23x20	Inspector
Center of N St	23x60
23x98	24x00
24x23	25
47	49
73	75
97 ⁵	99 ⁵
25x22	25x24
*	-
21x18	21x20
43	45
67	69
93	95

W	E
25x47	25x49
73	75
98	26x00
26x23	25
48	50
73	75
27x00	Inspector
27x40	Center of E St
27x78	27x80
28x02	28x04
27	29
52	54
77	79
29x03	29x01
28	30
53	55
77	79
30x03	30x05
28	30
53	55
30x80	Inspector
31x20	Center of D St
31x58 ⁵	31x60 ⁵
84	86
32x08	32x10

9th Street

W	E	W	E
32x22	Exterior y	38x12	38x14
84	32x36	38x40	Inspector
59	61	50	line of B St
83	85	39x20	line of B
33x09	33x11	39x19	39x21
33	35	44	46
50	Exterior y	69	71
58	60	93 ⁵	95 ⁵
84 ⁵	86 ⁵ *	40x16	40x18
34x83	34x85	43	45
34x60	Inspector	69	71
50	line of C Street	93	95
35x40	line of C St	41x18	41x20
35x39	35x41	44	46
63	65	67	69
89	91	92	94
36x13	36x15	42x20	Inspector
39	41	50	line of A Street
63	65	42x39	line of West
89	91	for a street	
37x13	37x15	42x98	43x00
38	40	43x22 ⁵	24 ⁵
64	66	48	50
88	90	72 ⁵	74 ⁵
Omitted above	69*	97 ⁵	99 ⁵
34x08	34x10		

8th Street8th Street

W	E		W	E	W	E		W	E
44x23	44x25		49x98	6 ⁱⁿ Y West	56x13	56x15			
48	50		for Beach St		37.5	39.5			
73	75		50x58	50x60	61.5	63.5			
97	99		82.5	84.5	88	90			
45x23	45x25		51x07	51x09	57x05.5	57x07.5			
47.5	49.5		33	35	57x15	end of Pipe			
72	74		56.5	58.5	for Fire hydrant				
46x00	Inspection south		82.5	84.5					
line of Ash Street			52x06.5	52x08.5					
46x17.5	6 ⁱⁿ West		32.5	34.5					
for Ash Street			58	60					
46x78	46x80		87.5	89.5					
47x02	47x04		53x08	53x10					
26.5	28.5		52	54					
53	55		53x60	Inspection South					
77.5	79.5		line of Cedar						
48x01.5	48x08.5		53x78.5	6 ⁱⁿ West					
28	30		for Cedar Street						
52.5	54.5		54x38	54x40					
78	80		62.5	64.5					
49x02.5	49x04.5		86.5	88.5					
28	30		55x12.5	55x14.5					
52.5	54.5		38	40					
49x80	Inspection south		62.5	64.5					
line of Beach St			88	90					

9th Street

North of N Str.

W	E		W	E
Begin at Station 0			6x24	6x26
0x45	0x47		49	51
69 ^s	71 ^s		73	75
96	98		97 ^s	99 ^s
1x20	1x22		7x09 end of Pops in Flushtork	
42 ^s	44 ^s		15 ft South of Prop line of 2 Sta	
69	71		North of I Sta	
93 ^s	95 ^s		1x02	1x04
2x18	2x20		23	25
44	46		48	50
68	70		73	75
93	95		98	2x00
3x18	3x20		2x22	24
3x55 Inspection 9ft North of Prop line on M			47	49
3x64.5	6x J East from M Street		73	75
4x23.5	4x25.5		98	3x00
48	50		5x22	24
74	76		47	49
98 ^s	5x00.5		72	74
5x23	25		4x00 Inspection	
49	51		K Street	4x40
74	76		4x05	4x67
98	6x00			

9th Street

W	E		W	E
4x77	4x79		11x32	11x34
5x03	5x05		11x60	Inspection I Sta
27	29		12x00	Center of I Sta.
53	55		12x39	12x41
77	79		62	64
6x02	6x04		88	90
28	30		13x13	13x15
53	55		38	40
78	80		63	65
7x03	7x05		88	90
28	30		14x13	14x15
53	55		38	40
7x80	Inspection		63	65
8x20	Center of J Sta		89	91
8x59	8x61		15x13	15x15
84	86		15x40	Inspection
9x08	9x10		15x90	H Street Center
33	35		16x38	16x40
58	60		63	65
82	84		88	90
10x08	10x10		17x12	17x14
53	55		38	40
58	60		63	65
83	85		88	90
11x08	11x10		18x13	18x15

9th Street

W	E		W	E
18x38	18x40		25x23	25x25
62	64		48	50
89	91		73	75
19x14	19x16		97	99
19x40	Inspector	by (Center of Street)	26x23	26x25
19x80	Center of		48	50
20x18	20x20		73	75
43	45		27x00	Inspector
68	70		27x40	Center of E. St.
93	95		27x78	27x80
21x18	21x20		28x03	28x05
43	45		28	30
67	69		52	54
95	97		78	80
22x18	22x20		29x03	29x05
43	45		28	30
68	70		54	56
93	95		78	80
23x20	Inspector		30x04	30x06
23x60	Center of W. St.		29	31
23x98	24x00		53	55
24x23	25		30x78	Inspector
48	50		31x20	Center of D. St.
73	75		31x59.5	31x61.5
98	25x00		83	85

9th Street

W	E		W	E
32x08	32x10		39x19	39x21
34	36		43	45
60	62		69	71
84	86		93	95
33x08	33x10		40x18	40x20
33	35		43	45
59	61		68	70
83	85		93	95
34x09	34x11		41x18	41x20
33	35		44	46
34x60	Inspector		68	70
35x38	35x40		93	95
63	65		42x20	Inspector
88	90		42x98	43x00
36x14	36x16		43x48	50
38	40		98	44x00
63	65		44x48	50
88	90		98	45x00
37x13	37x15		45x48	50
38	40		73	75
63	65		46x00	Inspector
88	90		Arch	Street
38x12.5	38x14.5		46x78	46x80
40	Inspector		47x29	47x31
B Street			78	80

9th Street

W	E		W	E
48x28	48x30			
78	80			
49x29	49x31			
54	56			
49x80	Inspector	Beach		
50x58	50x60	Street		
51x09	51x11			
58	60			
52x09	52x11			
58	60			
53x08	53x10			
34	36			
53x60	Inspector	Cedar		
54x39	54x41			
88	90			
55x38	55x40			
88	90			
56x39	56x41			
88	90			
57x14	end of Pipe			
	Flush tank			

10th Street

North of 12th St. North

W	E		W	E
Begin at 0	0		7x00	7x02
0x46	0x48		7x08 ⁵	end of Pipe
71	73		in Flush tank 17 ft	
97	99		Back of line of L St	
1x21	1x23			
45	47			
71	73		Begin at	
97	99		1x03	1x05
2x21	2x23		24 ⁵	26 ⁵
46	48		49	51
71	73		73	75
97	99		98	2x00
3x21	3x23		2x24	26
3x48	Inspector		49	51
M Street			74	76
4x20	4x28		98	5x00
51	53		3x23	25
76	78		48	50
5x01	5x03		73	75
26	28		4x00	Inspector
51	53		K Street	
76	78		4x20	6 ¹ / ₂ East
6x01	6x03		4x79	4x81
25	27		5x03	5x05
50	52		28	30
75	77			

10th Street

W	E	W	E
45x53	5x55	11x33	11x35
78	80	11x60	Inspector
46x04	6x06	I Street	
29	31	11x77 ⁵	6 ¹ / ₂ y East
53	55	12x38	12x40
78	80	65	67
7x03	7x05	88	90
28	30	13x13	13x15
53	55	38 ⁵	40 ⁵
7x80	Inspector	63	65
J Street		88	90
8x59	8x61	14x13	14x15
84	86	38	40
9x09	9x11	63	65
32 ⁵	34 ⁵	87 ⁵	89 ⁵
57 ⁵	59 ⁵	15x13	15x15
83	85	15x40	Inspector
10x08	10x10	H Street	
33	35	15x65	6 ¹ / ₂ y East
58	60	16x38	16x40
83	85	63	65
10x98	Extra y West	87 ⁵	89 ⁵
11x08 ⁵	11x10 ⁵	17x13	17x15
		37 ⁵	39 ⁵
		63	65

10th Street

W	E	W	E
17x88	17x90	24x72	24x74
18x12	18x14	98	15x00
38	40	25x23 ⁵	25 ⁵
62	64	48	50
88	90	72 ⁵	74 ⁵
19x13	19x15	95	97
19x40	Inspector y	26x23	26x23
19x58	6 ¹ / ₂ y West	47 ⁵	49 ⁵
20x18	20x20	72 ⁵	74 ⁵
43	45	27x00	Inspector
68	70	H Street	
93	95	27x18	6 ¹ / ₂ y East
21x17	21x19	x77	27x79
48 ⁵	45 ⁵	28x03 ⁵	28x05 ⁵
68	70	28	30
93	95	53 ⁵	55 ⁵
22x18	22x20	78	80
43	45	29x02 ⁵	29x04 ⁵
67 ⁵	69 ⁵	28 ⁵	30 ⁵
93 ⁵	95 ⁵	53	55
23x20	Inspector I st St	Extra y East 71	
23x38	6 ¹ / ₂ y East	77	79
98 ⁵	24x00 ⁵	30x03	30x05
24x23	25	28	30
48	50	53 ⁵	55 ⁵

10th Street

W	E		W	E
30x80	Inspection	11 Street	37x13	37x15
30x98	6 in Y East	for D Sta	38	40
31x58	31x60		62	64
83	85		88	90
32x08	32x10		38x12	38x14
33	35		38x40	Inspection
58	60		So Side B Street	
82	84		38x59	6 in Y East
33x08	33x10		39x18	39x20
32	34		43	45
58	60		66.5	68.5
83	85		93	95
34x07	34x09		40x16.5	40x18.5
32.5	34.5		43	45
34x60	Inspection		67	69
South Side of C. Street			92.5	94.5
34x79	6 in Y East		41x18	41x20
35x38	35x40		42.5	44.5
62	64		68	70
88	90		93	95
36x09	Extra Y West		42x20	Inspection
36x13	36x15		42x38	6 in Y East
37	39		for A Street	
61.5	63.5		42x97.5	42x99.5
88	90		43x16.5	Extra Y West

10th Street

W	E		W	E
43x47	43x49		52x57	52x59
97	99		53x07	53x09
44x49	44x51		34	36
98	45x00		53x60	Inspection
45x47	49		So line of Cedar Street	
73	75		53x80	6 in Y West
46x00	Inspection	South	54x38	54x40
Side of Oak Street			88	90
46x17.5	6 in Y West		55x36.5	55x38.5
46x78	46x80		87.5	89.5
47x28	47x30		56x87.5	56x89.5
78	80		88	90
48x27	48x29		57x13.5	57x15.5
77	79		38.5 end of	
49x27.5	49x29.5		Pipe on 10 th Street	
53	55		South line of	
49x80	Inspection	So	State Street	
line of Beach Street				
49x98	6 in Y West			
for Beach				
50x58	50x60			
Prop line of Beach				
51x08	51x10			
57.5	59.5			
52x08	52x10			

11th Street
North of 12

W	E
0x40	0x48
69	71
94	96
1x19	1x24
44	46
69	71
94	96
2x19	2x21
44	46
69	71
94	96
3x19	3x21
3x44	Inspector M Sta
4x25	4x27
50	52
74	76
5x00	5x02
24	26
50	52
74	76
99	6x01
6x24	26
50	52
75	77

W	E
6x99	7x01
7x08	end of
Pipe in Filament	Tank
South of 11 th St	
North of 2 nd Street	
1x04	1x06
24 ^s	26 ^s
49	51
74	76
99	2x01
2x25	27
48	50
73	75
98	3x00
3x23	25
48	50
74 ^s	76 ^s
4x00	Inspector
78	4x80
5x03	5x03
28	30
54	56

11th Street

W	E	W	E
5x79	5x81	13x13	13x15
6x04	6x06	38	40
28	30	63	65
53	55	83	85
79	81	14x13	14x15
7x03	7x05	38	40
29	31	63	65
57	59	88	90
7x80	Inspector R Street	15x13	15x15
8x59 ^s	8x61 ^s	15x40	Inspector N St
84	86	16x39	16x41
9x08	9x10	64	66
33	35	89	91
58	60	17x14	17x16
83	85	3	39
10x08	10x10	64	66
33	35	89	91
58	60	18x14	18x16
84	86	39	41
11x09	11x11	64	66
34 ^s	36 ^s	89	91
11x60	Inspector II	19x14	19x16
12x39 ^s	12x41 ^s	19x40	Inspector G St
64 ^s	66 ^s	20x18	20x20
89	91	44	46

11th Street

W	E	W	E
20x68	20x70	28x04	28x06
94	96	28	30
21x19 ⁵	21x21 ⁵	54	56
43	45	79	81
68	70	29x03	29x05
94	96	29	31
22x18	22x20	54	56
36	38	79	81
68	70	30x04	30x06
94	96	29 ⁵	31 ⁵
23x20	Inspection II. Sta	54	56
24x00	24x02	30x80	Inspection
24	26	So. line of B. Street	
49	51	31x58	31x60
74 ⁵	76 ⁵	84	86
99	25x01	32x08 ⁵	32x10 ⁵
15x23	25	34	36
48 ⁵	50 ⁵	58	60
74	76	84	86
98	26x00	33x09	33x11
20x24	26	33	35
49	51	58	60
73	75	82	84
27x00	Inspection II. Sta	34x09	34x11
79	27x81	33	35

11th Street

W	E	W	E
34x60	Inspection	40x69	40x71
	@ Street	94	96
34x79 ⁵	Y for @ St. East	41x19	41x21
35x39	35x41	44	46
64	66	68	70
88	90	94	96
36x14	36x16	42x20	end of Paper
38	40		in Fleuhthark
64	66		
88	90		
37x13	37x15		
25 ⁵	Ext. in Y West		
39	41		
64	66		
83	85		
38x13	38x15		
38x40	Inspection		
	So. line B. Street		
38x60	6 in Y East		
39x19	39x21		
44	46		
68	70		
94	96		
40x19	40x21		
44	46		

12th Street

W	E
0x46	0x48
69 ^s	71 ^s
96	98
1x20 ^s	1x22 ^s
46	48
71	73
97	99
2x21	2x23
46	48
71	73
96	98
3x20	3x22
3x46	Inspection M St
4x24	4x26
50	52
75	77
5x01	5x03
25 ^s	27 ^s
50	52
76	78
6x00	6x02
26	28
50 ^s	52 ^s
75 ^s	77 ^s

W	E
7x00	7x02
7x09	end of Pipe in Flank to Ark
North of L Regat at	
0x97	0x99
1x23	1x25
47	49
73	75
97 ^s	99 ^s
2x23	2x25
47	49
73	75
97 ^s	99 ^s
3x23	3x25
47 ^s	49 ^s
73 ^s	75 ^s
3x98	Inspection so line of K Street
4x19	6 ⁱⁿ Y West
4x77	4x79
5x02	5x04

12th Street

W	E
5x28	5x30
53	55
78	80
6x03	6x05
28	30
52 ^s	54 ^s
78	80
7x02 ^s	7x04 ^s
28	30
52 ^s	54 ^s
7x80	Inspection South line of J Street
7x97	6 ⁱⁿ Y West
7x99	6 ⁱⁿ Y East
8x58	8x60
83	85
9x07	9x09
33	35
57 ^s	59 ^s
83	85
10x07 ^s	10x09 ^s
33	35
57 ^s	59 ^s
82	84
11x08 ^s	11x10 ^s

W	E
11x32 ^s	11x34 ^s
11x58	Inspection South line of J Street
11x77	6 ⁱⁿ Y West
12x13	12x41
63	65
88	90
13x12	13x14
38	40
63	65
88 ^s	90 ^s
14x12 ^s	14x14 ^s
37	39
63	65
87	89
15x13 ^s	15x15 ^s
15x40	Inspection south line of K Street
15x63	6 ⁱⁿ Y West
16x38	16x40
62	64
88	90
17x13	17x15
37	39
63	65
87	89

12th Street

12 Street

W	E	W	E
18x18	18x15	24x78	24x75
37.5	39.5	97	99
63	65	25x23	25x25
88	90	47.5	49.5
19x12	19x14	72	74
19x40	Inspector G St	98	16x00
19x58	Can Y West for G	26x23	25
19x60	Can Y East " G	47	49
20x185	20x205	73	75
42.5	44.5	27x00	Inspector
68	70	H Street	
94	96	27x18	Can Y West
21x18	21x20	27x78	27x80
42	44	28x02	28x04
68	70	28	30
92	94	52.5	54.5
22x18	22x20	77	79
42	44	29x03	29x05
66.5	68.5	27.5	29.5
93	95	53	55
23x20	Inspector I St	77.5	79.5
23x37	Can Y West.	30x02	30x04
23x97.5	23x99.5	28	30
24x21.5	24x23.5	53.5	55.5
48	50	30x80	Inspector
		So side II Street	

W	E	W	E
30x99.5	Can Y West	38x13	38x15
for D Street		38x40	Inspector B St
31x58	31x60	39x18.5	39x20.5
82.5	84.5	43	45
32x07	32x09	67.5	69.5
33	35	92	94
59	61	40x17.5	40x19.5
33x07	33x09	42	44
33	35	68	70
57.5	59.5	92	94
83	85	41x18	40x20
34x07.5	34x09.5	42.5	44.5
33	35	66.5	68.5
34x60	Inspector C. St.	93	95
34x79	Can Y West for e	42x20	end of
35x58	35x40 ^{no line} of e	Pipe south line	of A Street
62	64		
88.5	90.5		
36x12.5	36x14.5		
37	39		
63	65		
87	89		
37x13	37x15		
37.5	39.5		
63	65		
88	90		

North

From N to L

W	E
0x37 ^s	0x39 ^s
64 ^s	66 ^s
90 ^s	92 ^s
1x15	1x17
41	43
65 ^s	67 ^s
90	92
2x14	2x16
41	43
65	67
89	91
3x16	3x18
3x43	Inspection M Street
4x20 ^s	4x22 ^s
45	47
71	73
95 ^s	97 ^s
5x20	5x22
46	48
70	72
95 ^s	97 ^s
6x20	6x22
45	47
71	73
95 ^s	97 ^s

13th Street

W	E
7x23	end of Pipe South line of L Street in filashtank
North of L Street	
0x32	0x34
63 ^s	65 ^s
86 ^s	88 ^s
1x13	1x15
37 ^s	39 ^s
63 ^s	65 ^s
86 ^s	88 ^s
2x13 ^s	2x15 ^s
37 ^s	39 ^s
63 ^s	65 ^s
87 ^s	89 ^s
3x14	3x16
3x41	Inspection So line of K Street
3x59	6 in Y West
3x61	6 in Y East

13th Street

W	E	W	E
4x19 ^s	4x21 ^s	11x01	Inspection South line of I Sta
43 ^s	45 ^s	11x19.5	6 in Y West for I Street
67 ^s	69 ^s	11x79	11x81
94	96	12x03 ^s	12x05 ^s
5x18	5x20	28	30
44	46	54	56
68 ^s	70 ^s	78	80
93	95	13x02 ^s	13x04 ^s
6x19	6x21	28 ^s	30 ^s
42 ^s	44 ^s	53	55
69	71	79	81
93	95	14x03	14x05
7x21	Inspection J Sta.	29	31
7x39	6 in Y West	53 ^s	55 ^s
79 ^s	8x01 ^s	14x81	Inspection South line of H Street
8x24	26	15x04	6 in Y West for H Street
48	50	15x79	15x81
74	76	16x07	16x06
99	9x01	27 ^s	29 ^s
9x23 ^s	25 ^s	53 ^s	53 ^s
47 ^s	49 ^s	79	81
73 ^s	75 ^s		
97 ^s	99 ^s		
10x24	10x26		
48	50		
73	75		

13th Street

South from II

W	E	W	E
17X03	17X05	0X43 ⁵	0X45 ⁵
27 ⁵	29 ⁵	65	67
53 ⁵	55 ⁵	89 ⁵	91 ⁵
77 ⁵	79 ⁵	1X15 ⁵	1X17 ⁵
18X03 ⁵	18X05 ⁵	40	42
29 ⁵	31 ⁵	65 ⁵	67 ⁵
54	56	90 ⁵	92 ⁵
18X81	Inspection G Street	2X14	2X16
18X99 ⁵	6 in Y West	40	42
19X59	19X61	64 ⁵	66 ⁵
83 ⁵	85 ⁵	90 ⁵	92 ⁵
20X09	20X11	3X15	3X17
34	36	3X42	Inspection
59	61	E Street	
83 ⁵	85 ⁵	3X60	6 in Y West
21X07 ⁵	21X09 ⁵	4X20 ⁵	4X22 ⁵
33 ⁵	35 ⁵	45	47
58	60	69 ⁵	71 ⁵
84	86	95	97
22X08 ⁵	22X10 ⁵	5X19 ⁵	5X19 ⁵
30 ⁵	32 ⁵	44	46
22X36	end of pipe in Filush Tank on H Street	70	72
		94 ⁵	96 ⁵
		6X20	6X22
		44 ⁵	46 ⁵

13th Street

South from II

W	E	W	E
6X69 ⁵	6X71 ⁵	4X46 ⁵	4X48 ⁵
95	97	70 ⁵	72 ⁵
7X22	end of Pipe in Filush Tank	95 ⁵	97 ⁵
		5X21	5X23
		46	48
		70	72
		96	98

North from III

W	E	W	E
6X21	6X23	6X21	6X23
45 ⁵	47 ⁵	45 ⁵	47 ⁵
71	73	71	73
95 ⁵	97 ⁵	95 ⁵	97 ⁵
0X40 ⁵	0X42 ⁵	7X23	Inspection
X65	X67	30 in	B Street
91	93	7X40	6 in Y West
1X15	1X17	7X42	6 in Y East
39 ⁵	41 ⁵	8X00	8X02
65 ⁵	67 ⁵	25	27
89 ⁵	91 ⁵	50	52
2X15 ⁵	2X17 ⁵	9X00 ⁵	9X02 ⁵
41 ⁵	43 ⁵	25	27
66	68	52	54
90	92	75 ⁵	77 ⁵
3X16	3X18	10X00 ⁵	10X02 ⁵
X43	Inspection C	25	27
X61	6 in Y West	51	53
4X20	4X22	75	77
		97	entry Y West
		11X03	end of Pipe in Filush Tank

14th Street

South of L

North of L

W	E	W	E
0x50	0x52	0x845	0x865
76	78	59	61
1x00	1x02	84	86
25	27	1x07 ⁵	1x09 ⁵
50	52	33 ⁵	35 ⁵
75	77	57 ⁵	59 ⁵
2x01	2x03	84	86
25	27	2x09	2x11
50	52	33	35
74 ⁵	76 ⁵	59	61
3x01	3x03	83	85
25	27	3x07 ⁵	3x09 ⁵
3x44 Inspector	Solein	3x36 Inspector	Solein R Street
of M Street		4x13 ⁵	4x15 ⁵
4x19	4x21	38	40
4x34	end of	68 ⁵	65 ⁵
Pipe in	Fluehtank	88 ⁵	90 ⁵
		5x12 ⁵	5x14 ⁵
		38 ⁵	38 ⁵
		63	65
		88	90
		6x12 ⁵	6x14 ⁵
		38 ⁵	40 ⁵
		64	66

14th Street

W	E	W	E
6x88	6x90	13x50	13x52
7x17	Inspection	74 ⁵	76 ⁵
J Street		14x00	14x02
7x35	Curv West part	24	26
7x95	7x97	49	57 ⁵
8x19	8x21	end of Pipe in	Fluehtank
44 ⁵	46 ⁵		
68 ⁵	70 ⁵		
94 ⁵	96 ⁵		
9x20	9x22	South of G. Str.	
44 ⁵	46 ⁵		
68 ⁵	70 ⁵	0x57 ⁵	0x59 ⁵
95	97	84 ⁵	86 ⁵
10x19 ⁵	10x21 ⁵	1x09 ⁵	1x11 ⁵
44	46	38 ⁵	35 ⁵
69 ⁵	71 ⁵	60 ⁵	62 ⁵
10x97	Inspection	85	87
line of J Street		2x09 ⁵	2x11 ⁵
11x74 ⁵	11x76 ⁵	35 ⁵	37 ⁵
99 ⁵	12x01 ⁵	60	62
12x25	27	78	80
49 ⁵	51 ⁵	3x09 ⁵	3x11 ⁵
75 ⁵	77 ⁵	34	36
99 ⁵	13x01 ⁵	3x62	end of Pipe
13x24	26	in	Fluehtank

14th Street
North of G.

W	E
0x54	0x56
79	81
1x03 ⁵	1x05 ⁵
28	30
52 ⁵	54 ⁵
78 ⁵	80 ⁵
94	Enter Y
2x04 ⁵	2x06 ⁵
29	39
53 ⁵	55 ⁵
78	80
3x04	3x06
28	30
3x56	Inspection south line of H Street
3x75	6 in Y West
4x34	4x36
58	60
82 ⁵	84 ⁵
5x09	5x11
33	35
57 ⁵	59 ⁵
83	85
6x08	6x10
34	36

W	E
6x58 ⁵	6x60 ⁵
84 ⁵	86 ⁵
7x09	7x11
7x36	Inspection II St
7x54	6 in Y West
8x13	8x15
87 ⁵	89 ⁵
68 ⁵	65 ⁵
88	90
9x14	9x16
38 ⁵	40 ⁵
64	66
88	90
10x13	10x15
38	40
63	65
88	90
11x16	Inspection II Street
11x33	6 in Y West
11x35	6 in Y East
11x36	end of 8 in Pipe Reducer
8 to 6 in Pipe	
11x94	11x96

14th Street

W	E	W	E
12x18	12x20	18x49	18x51
44	46	18x76	Inspection south
68	70	18x94	6 in Y East
93	95	19x54	19x56
13x18 ⁵	13x20 ⁵	78	80
44	46	20x04	20x06
68	70	28	30
94	96	54	56
14x18	14x20	78	80
44	46	21x04	21x06
68	70	29	31
14x96	Inspection south line of C Street	53	55
15x14	6 in Y East for C	78	80
15x73	15x75	22x05 ⁵	22x05 ⁵
99	10x01	28	30
16x23	25	22x53	6 in Y
48 ⁵	50 ⁵	for A Street	
74	76	22x56 end of Pipe in H Street	
98	17x00		
17x23	25		
48 ⁵	50 ⁵		
72 ⁵	74 ⁵		
99 ⁵	18x01 ⁵		
18x23	25		

Branches from 14th Str.
N. East from 14th G West from 15th to 14

North	South	So	No
0X38	0X40	0X42 ^s	0X44 ^s
63 ^s	65 ^s	65	67
89	91	90	92
1X13	1X15	1X14 ^s	1X16 ^s
39	41	39	41
63 ^s	65 ^s	63 ^s	65 ^s
87 ^s	89 ^s	90	92
2X14	2X16	2X14 ^s	2X16 ^s
37 ^s	39 ^s	40	42
60	62	64	66
84 ^s	86 ^s	89	91
3X09	3X11	3X15	3X17
35	37	39 ^s	41 ^s
59	61	64	66
85	87	90 ^s	92 ^s
4X12 end of Pipe in Flue tank		4X08 Inspection 36 ft east of 14 th Str on G Street	
		4X44 C in Y south for 14 th Str	

W. Street
East from 14th to 15th West from 14th to 15

No	So	So	do
0X42 Prop line			
0X39	0X41	0X40 ^s	0X42 ^s
64	66	65	67
88	90	89	91
1X14	1X16	1X14 ^s	1X16 ^s
38 ^s	40 ^s	39	41
68 ^s	65 ^s	65	67
89	91	89	91
2X14	2X16	2X13 ^s	2X15 ^s
37 ^s	39 ^s	2X42 Inspection East side of 15 th Str	
64	66	2X60 C in Y South	
88 ^s	90 ^s	2X62 C in Y North for D Street	
3X12 ^s	3X12 ^s		
39	41		
63	65		
89	91		
4X13 ^s	4X15 ^s		
35	37		
4X41 end of Pipe for Flue tank			

6th Street
From 14th to 15th

No	So
0X40	0X42
0X42	Prop line
63 ^s	65 ^s
88 ^s	90 ^s
1X15	1X17
40	42
64	66
90	92
2X14 ^s	2X16 ^s
37	39
2X42	end of Pipe in Flue tank

B Street
From 14th to 15th

No	So
0X41	0X43
.66	.68
.90	.92
1X14 ^s	1X16 ^s
.41	.43
.65	.67
.89 ^s	.91 ^s
2X16	2X18 end of Pipe on B from 14 th to 15 th

15th Street

South of L

W	E
0X50	0X52
77	79
1X05	1X07
81	83
59	61
85	87
2X11	2X13
38	40
62	64
86	88
3X11	3X13
3X34	Impacted so much of m
4X17	4X19
47	44
68	70
92	94
5X16	5X18
41	43
66	68
90	92
6X15	6X17
40	42
65 ^s	67 ^s
90	92
7X09	end of Pipe in Flue tank

North of L

W	E
0X32	0X34
55	57
80	82
1X05	1X07
31	33
55	57
80	82
2X05	2X07
29 ^s	31 ^s
55	57
80	82
3X05	3X07
3X50.6 in V	East for 1 st Street
4X10	4X12
35	37
59 ^s	61 ^s
84	86
5X10 ^s	5X12 ^s
35	37
59 ^s	61 ^s
88 ^s	85 ^s
6X09 ^s	6X11 ^s
34	36
59	61

15th Street
North of L

W	E	W	E
6x85	6x87	13x44.5	13x46.5
7x28	6 in Y East for J	69	71
7x30	6 in Y West for J	95	97
7x90	7x92	14x20	14x22
8x15	8x17	45	47
89.5	41.5	25 ft back of Poplar	
64	66	14x94.5	4 in Y for
88.5	90.5	H St 2 1/2 roof	
9x15	9x17	South line of H St	
39	41	14x96.5	4 in Y for
64	66	H St 2 1/2 ft north	
90	92	of south line of H St	
10x14.5	10x16.5	14x75	6 in Y West
89.5	41.5	for H Street	
64	66	15x39	29 ft roof
11x10	6 in Y East for I St	north line of H St	
11x12	6 in Y West " I St	15x41	31 ft South
11x20	11x72	of north line of H St	
11x72	North line of L St	15x70	15x72
11x94.5	11x96.5	94	96
12x19	12x21	16x19	16x21
43.5	45.5	45.5	45.5
70	72	70	72
94.5	96.5	94.5	96.5
13x20	13x22	17x20	17x22
		45.5	45.5

15th Street

W	E	W	E
17x70	17x72	25x88.5	25x90.5
94.5	96.5	16x41 end of 10 in pipe	
18x18.5	18x20.5	in Manhole on E St	
43.5	45.5	27x17.5	27x19.5
18x97	6 in Y West for G	44	46
18x99	6 in Y East " G	68	70
19x59	19x61	94	96
84	86	28x18	28x20
20x08	20x10	44	46
52.5	54.5	68	70
58.5	60.5	94	96
82.5	84.5	29x19	29x21
21x07.5	21x09.5	45	45
33.5	35.5	67.5	69.5
58	60	94	96
82.5	84.5	30x21	Inspector
22x10	22x12	30 line B Street	
33	35	30x39.5 6 in Y West	
22x76	6 in Y East for F	for B Street	
x78	6 in Y West " F	30x98.5	30x98.5
23x39	23x41 Prof line	31x24	31x26
88	90	49	51
24x39.5	24x39.5	72.5	74.2
88	90	99	32x01
25x59	25x41	32x23	25

15th Street

West	East	West	East
32x47 ⁵	32x49 ⁵	39x08	39x10
74	76	34	36
98	33x00	58	60
33x24	26	84	86
48	50	40x08	40x10
73	75	34	36
34x01	Inspector @ Sta	58	60
34x18	6 in V west fr e	84	86
34x79	34x18	41x08	41x10
35x02 ⁵	35x04 ⁵	41x34	6 in V
29	31	west fr a Street	
53	55	41x36	end of
77 ^E	79 ^S	pipe on 15 th Str	
36x04	36x06	in Flushtank	
29	31		
53	55		
77 ^E	79 ^S		
37x08 ^E	37x05 ^E		
27 ^E	29 ^S		
53 ^S	55 ^S		
37x81	Inspector south		
	line of 13 th Street		
37x99	6 in V west		
38x58	38x60		
84	86		

J Street West from 15th to 14th

South	North
Began at 0	
0x42 west line of 15 th Str	
0x42	0x44
64	66
90	92
1x15	1x17
40	42
64 ⁵	66 ⁵
89	91
2x15	2x17
40	42
65	67
90	92
3x14 ⁵	3x16 ⁵
40	42
64 ⁵	66 ⁵
90	92
4x17	4x19
34 ⁵	36 ⁵
4x42 end of Pipe in Flushtank	

I Street West from 15th to 14th

South	North
Began at 0	
0x46 Prop line	
0x44	0x46
87 ⁵	89 ⁵
94	96
1x19	1x21
43	45
69	71
94	96
2x18	2x20
44	46
69	71
3x03	3x05
18	20
42 ⁵	44 ⁵
69	71
93 ⁵	95 ⁵
4x19	4x21
4x43 end of Pipe in Flushtank east line of 14 th Str.	

H Street West F Street
from 15th to 14th from 15th to 14th

South	North	South	North
0x38	0x40	Began at 0	
0x42 Prop line		0x36 Prop line	
65	0x67	west side of	
89	91	15 th Street	
1x15	1x17	0x34 0x36	
39 ^s	41 ^s	59	61
64	66	84	86
90	92	1x085 1x105	
2x15	2x17	32 ^s	34 ^s
39 ^s	41 ^s	59	61
64	66	83	85
89 ^s	91 ^s	2x09	2x11
3x14	3x16	34	36
40	42	58 ^s	60 ^s
64 ^s	66 ^s	82 ^s	84 ^s
89	91	3x09	3x11
4x15	4x17	33	35
4x34	end of Pipe	59	61
in Filbert tank		83	85
4x43 Prop line		4x09	4x11
14 th Street		32	34
		4x37	end of
		Pipe for Filbert tank	

H. Street
from 15th to 14

South	North
0x39	0x41
63 ^s	65 ^s
90	92
1x14 ^s	1x16 ^s
40	42
64 ^s	66 ^s
88 ^s	90 ^s
2x15	2x17
39 ^s	41 ^s
65	67
90	92
3x14	3x16
40	42
64	66
90	92
4x15	4x17
38	40
4x42	end of Pipe
East line of	
14 th Street	

C. Street

West from 15th

South	North
0x42 Prop Line	
0x38	0x40
64	66
88 ^s	90 ^s
1x15	1x17
39	41
65	67
90	92
2x14	2x16
2x17	end of Pipe
in Filbert tank	
B. Street from	
15 th to 14 th	
0x42	West side of 15 th
0x37 ^s	0x39 ^s
64 ^s	66 ^s
89	91
1x15	1x17
40	42
65	67
89	91
2x14 ^s	2x16 ^s
40	42
End of Pipe	
in Filbert tank	

16th Street north of L

W	E
0X53	0X55
78	80
1X03	1X05
28	30
53	55
78	80
2X02 ⁵	2X04 ⁵
28	30
53	55
78	80
3X04	3X06
29	31
3X55 Inspector 1 ft So of Prop line on R	
4X42	4X44
67	69
92	94
5X17	5X19
42	44
67	69
92	94
6X17	6X19
41	43
67	69

W	E
6X91	6X93
7X18	7X20
7X42 ⁵	Inspector
8X22	8X24
46	48
72	74
96 ⁵	98 ⁵
9X21	9X23
47	49
72	74
98	10X00
10X23	25
47	49
72 ⁵	74 ⁵
96	98
11X22 Inspector 1 ft so Prop line on S	
12X02	12X04
27	29
53	55
78	80
13X01	13X03
28	30
51	53
76	78
14X01 ⁵	14X03 ⁵

16th Street

W	E	W	E
14X28	14X30	5X79	5X81
51	53	6X06	6X08
77	79	29	31
15X03	Inspector	55	57
15X12	6 in Y	79 ⁵	81 ⁵
north	South	7X05	7X07
15X87	15X89	30	32
H St 25 ft Prop East land 16 th St		55	57
16 th St north of H		7X81	Inspector 1 ft St
West	East	8X59	8X61
0X87 ⁵	0X91 ⁵	85	87
17X14 ⁵	17X16 ⁵	9X09	9X11
39	41	35	37
64	66	60	62
89	91	79 ⁵	81 ⁵
2X14	2X16	10X09	10X11
39 ⁵	41 ⁵	35 ⁵	37 ⁵
64 ⁵	66 ⁵	59	61
89	91	84	86
3X14 ⁵	3X16 ⁵	11X10 end of Prop in Filson Park	
39 ⁵	41 ⁵	E Street East from 15 to 16 th St	
64	66		
4X01	Inspector		
4X79	4X81		
5X05	5X07		
29 ⁵	31 ⁵		
56	58		

16th Street east from 15 to 16 and
16th to A

North	South	W	E
0x41	0x43	5x94	8x8y for 17 th St.
59 ^s	61 ^s	5x96	Reduced to 6 in
85	87	6x53	6x55
1x10	1x12	79 ^s	81 ^s
35	57	7x04	7x06
59	61	28	30
84	86	54	56
2x05	2x07	78	80
2x32	Prop line west side of 16 th St	8x04	8x06
2x76	Prop line north side of 16 th St	28	30
16 th Street North of E West East			
2x99	3x01	54	56
3x24	3x26	78	80
49	51	9x02 ^s	9x04 ^s
74 ^s	76 ^s	29	31
97 ^s	99 ^s	9x56	Inspector C St
4x25 ^s	4x25 ^s	10x32 ^s	10x34 ^s
49	51	38 ^s	60 ^s
74	76	82 ^s	84 ^s
97	99	11x09	11x11
5x22 ^s	5x24 ^s	33	35
49	51	59	61
5x76	inspecta So line of S Street	84	86
		12x07 ^s	12x09 ^s
		34	36
		58 ^s	60 ^s
		83	85

16th Street to A

W	E	North	South
13x09	13x31	1x27	8x6y for
13x36	Inspector Salin	17 th Street	South
13x54	6 in y west	1x29	1x31
	for B Street	1x68	Inspector of 17 th St
14x15 ^s	14x15 ^s	2x50	2x52
57 ^s	39 ^s	3x00	3x02
63 ^s	65 ^s	50	52
88	90	99	4x01
15x14	15x16	4x15	8x6y for 18 th St north
38	40	4x17	8x6y n 18 th South
64	66	4x46	Inspector
87	89	5x23	5x25
16x14	16x16	73	75
38 ^s	40 ^s	6x23	6x25
64	66	74	76
88	90	6x90	Inspector
17x11 ^s	6 in y west for A	7x15	6 in y north for 19 th
17x13 ^s	6 in y East. A	West East	
17x16	end of Pipe in Flunk tank	8x15	8x13
		66	64
	H St East from 16 th Street	9x14	9x12
		43	41
	8 in Pipe Regan at 0	10x51	Inspector
		64	10x62
		10x84 ^s	6 in y for 19 th St
		35	ft north of Prop line of S Street
		99	1x01
		1x25	8x6y for 17 th north

16th Street

17th North of D

North	South	No	So
11x36	11x38	2x08	Inspection Sta.
91	93	33 ft west of 17 th on D	
12x41	12x43	2x28 ⁵	6 in y south
90	92	for 17 th Street	
13x16	6x8 y south for 20 th St north	West	East
13x18	6x8 y south	2x94	2x96
13x31	Inspection 20 th St	2x97	Prop. line
14x05	14x07	on 17 th Street	
56	58	3x19	3x21
15x05	15x07	45	47
53	55	70	72
15x75	6 in y north	95	97
15x75	6 in y south	4x19	4x21
15x76	end of pipe	45 ⁵	45 ⁵
III. Street from 8 in pipe		68 ⁵	70 ⁵
		94 ⁵	96 ⁵
		5x18 ⁵	5x20 ⁵
North South		45 ⁵	45 ⁵
0x38	0x40	69	71
63	65	5x82 6 in y north	
88	90	for continuation of C St	
1x125	1x145	North	South
37 ⁵	39 ⁵	6x38	6x40
63	65	60	62
88	90	86 ⁵	88 ⁵

17th Street

No	So	W	E
7x13	7x15	3x78	6 in y East for L
36 ⁵	38 ⁵	4x37 ⁵	4x39 ⁵
63	65	63	65
87	89	88	90
8x115	8x135	5x125	5x145
8x40	Inspection West	38	40
line of 18 th Street		63	65
8x58	6 in y north	87	89
for 18 th Street		6x13	6x15
		36 ⁵	38 ⁵
North of M. St.		63	65
		87	89
0x57	0x59	7x13	7x15
82	84	7x40	Inspection So
1x08	1x10	line of K St	
33	35	7x57	6 in y East
56	58	8x17 ⁵	8x19 ⁵
83	85	41 ⁵	43 ⁵
2x07	2x09	68	70
33	35	92	94
57 ⁵	59 ⁵	9x18	9x20
83	85	42	44
3x07 ⁵	3x09 ⁵	68	70
33	35	92	94
60 Inspection So		10x18	10x20
line of L St.			

17th Street

North of M

W	E
10x42 ⁵	10x44 ⁵
66 ⁵	68 ⁵
93	95

11x20 end of Pipe in
Flue tank south
line of J Street

South of H

W	E
4x97 ⁵	4x99 ⁵
5x21 ⁵	5x23 ⁵
46	48
70	72
96	98

6x20 ⁵	6x22 ⁵
45 ⁵	47 ⁵
71	73
95	97

7x20 ⁵	7x22 ⁵
44 ⁵	46 ⁵ is

2 1/2 ft from North
line of J Street
7x70 is end of
Pipe on 17th Street

North of H St

0x81	0x85
1x06	1x08
30 ⁵	32 ⁵
57	59
81	83
2x07	2x09

South of H Street

0x97	0x99
------	------

1x17	1x19
42	44
67 ⁵	69 ⁵
91 ⁵	93 ⁵

2x17 ²	2x19 ⁵
42	44
66	68
92	94

3x17	3x19
40 ⁵	42 ⁵
67	69

3x97 Inspection 15 ft
no of North line of J

4x71	4x73
------	------

4x72 Pop line
South line of J

17th Street

North of H St

W	E
2x32	2x34
56	58
82	84

3x07	3x09
31	33
56	58
82	84

3x95 Inspection So.
line of J Street

4x13	4x15
4x73	4x75
98	5x00

5x23	25
48	50
72 ⁵	74 ⁵
98	6x00

6x23	25
47	49
73	75
97	99

7x23	7x25
48	50

7x75 Inspection So
line of J Street

8x53	8x55
------	------

W	E
8x76 ⁵	8x78 ⁵
9x01 ⁵	9x03 ⁵
28	30
52	54
78	80

10x03	10x05
27	29

51 ⁵	53 ⁵
77 ⁵	79 ⁵

11x02	11x04
28	30

55 end of
Pipe in Flue tank

17th Street

South of D

W	E
0X64	0X62
89	87
1X13	1X11
39	37
62 ⁵	60 ⁵
89	87
2X13	2X11
39	37
63	61
89	87
3X13	3X11
39	37
3X67 end of Pipe	
No line of B Street	
Flue tank	

North of C

W	E
0X19	6 in Y
West for C Street	
0X81 ⁵	0X83 ⁵
1X07 ⁵	1X09 ⁵
32	34
57 ⁵	59 ⁵
82	84
2X08	2X10
33	35
57	59
83	85
3X07	3X09
33	35
57	59
3X89 Inspection	
So line of B Street	
4X03 6 in Y, West,	
4X61 ⁵	4X63 ⁵
88	90
5X12	5X14
38	40
62	64
86 ⁵	88 ⁵

17th Street

North of C

W	E
6X12	6X14
36 ⁵	38 ⁵
63	65
88	90
7X13	7X15
36	38
7X61	6 in Y for A
7X63	6 in Y " A
7X66	end of
Pipe in Flue tank	

South

W

0X64

89

1X13

39

62

89

2X15

39

63

89

5X15

39

5X67

No l

File

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	85
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	84
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	83
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	82
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	81
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	80
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	79
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	78
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	77
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	76
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	75
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	74
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	73
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	72
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	71
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	70
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	69
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	68
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	67
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	66
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	65
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	64
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	63
23	92.05	39.07	91.88	39.47	91.71	39.87	91.55	40.27	62
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	61
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	60
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	59
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	58
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	57
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	56
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	55
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	54
32	84.80	52.99	84.57	53.36	84.54	53.73	84.10	54.10	53
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	52
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	51
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	50
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	49
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	48
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	47
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	46
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	45
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	44
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	43
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	42
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	41
45	70.71	70.71							40
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.

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