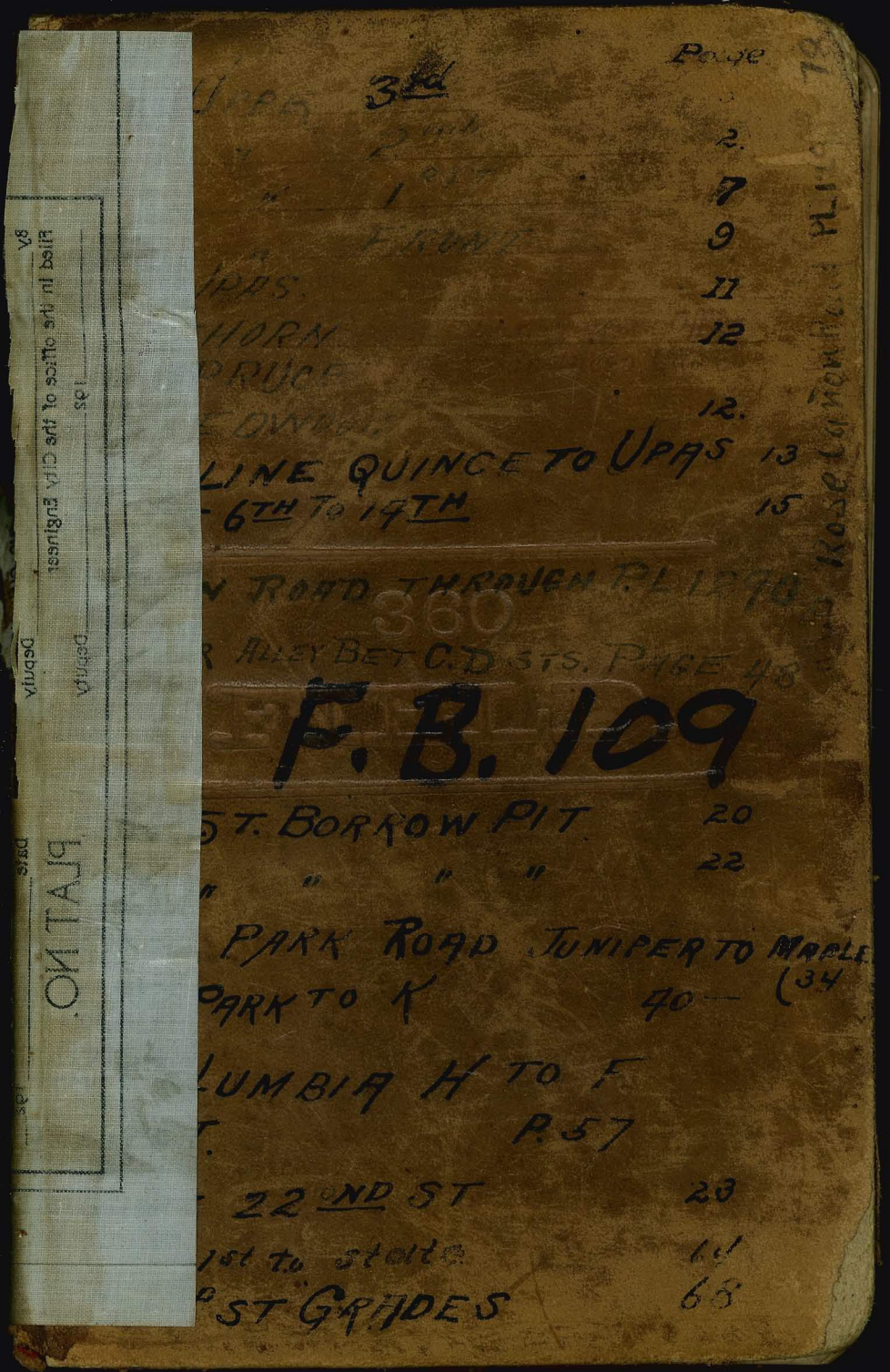


Page

UPAS 3rd

2nd 2.

" 1st 7

" FRONT 9

UPAS 11

HORN 12

PRUCE

E DWELL 12.

LINE QUINCE TO UPAS 13

6TH TO 14TH 15

N ROAD THROUGH P.L. 1298

R ALLEY BET C.D STS. PAGE 48

F.B. 109

ST. BORROW PIT 20

" " " " 22

PARK ROAD JUNIPER TO MAPLE (34

PARK TO K 40

LUMBIA H TO F

T. P.57

22ND ST 23

1st to state 64

ST GRADES 68

Rose Canon Road PL 1[illegible] 78

360

PLAT NO.

Date

Vouged

Debuty

Filed in the office of the City Engineer

Date

Vouged

Debuty

8A

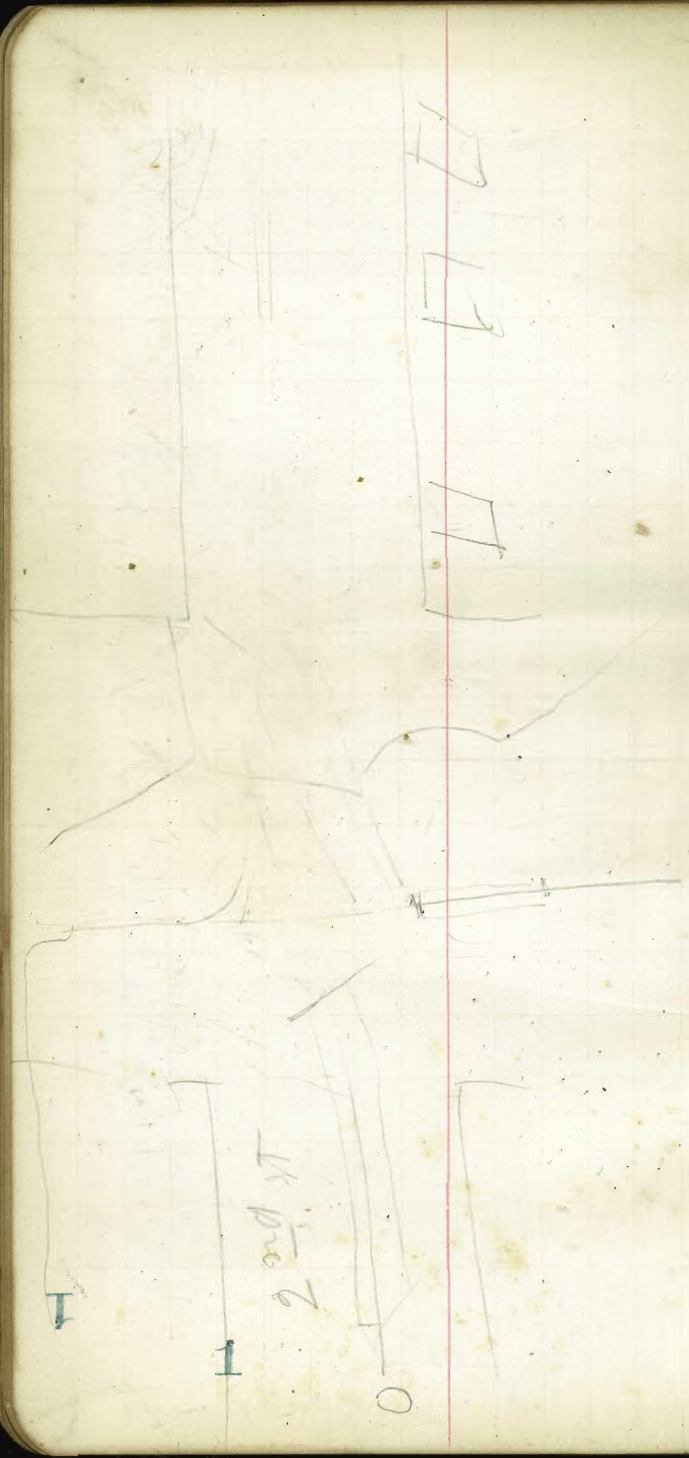
109

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

MICROFILMED
DEC 7 1964

109

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



3.69 6
57
3126

India 200 ft
Columbia 300

Bolt 25¢ 72□' 18'''
ingrain 30" wide 120□ 25¢
Border 10 per running yd
18" wide

25¢ a Bolt for hanging
ingrain 50¢ for hanging

Second Street

Station	West		East
		(285.42)	
1+66	278.1 7.30		281.1 4.30
1+50	278.4 7.00		280.0 5.40
1+00	277.5 7.90		281.3 4.10
+50	279.1 6.30		281.2 4.20
0+00	278.8 6.60		280.7 4.70
+40	277.7 7.70		280.5 4.90
0+0	277.5 7.90		280.2 5.20
+50	277.4 8.00		279.6 5.80
1+00	276.0 9.40		279.1 6.30
+50	276.1 9.30		278.7 6.70
2+00	274.6 10.80		277.8 7.60
+50	274.2 11.20		277.9 7.50
		(281.33)	
3+00	274.4 6.90		277.3 4.00
0+40	274.3 7.00		277.1 4.20
0+0	274.2 7.10		276.9 4.40
50	274.0 7.30		276.7 4.60
1+00	273.9 7.40		276.4 4.90
50	273.7 7.60		275.8 5.50
2+00	273.4 7.90		275.6 5.70

Upas

Thorn

X Section Capps July 25 95

2

288.18 B.M.
1.05
289.23
8.09
281.14
4.28
285.42
7.56
277.86
3.47
281.33

South line Walnut

North line Upas

South line Upas

5.09
33
474

Second St. X Section

Stat.	West		East	
	273.2		275.3	
50	8.10		6.00	
	273.0		274.9	
3+00	8.30		6.40	North line Spruce
Spruce	271.7		273.5	
0+40	9.60		7.80	
	272.3		274.1	
0+0	9.00		7.20	South line Spruce
	271.9		273.6	
50	9.40		7.70	
	271.3		273.1	
1+00	10.00		8.20	
	270.8		272.4	
+50	10.50		8.90	
	270.0	(273.51)	271.5	
2+00	3.50		2.00	
	266.1		270.4	
+50	7.40		3.10	
	268.4		267.5	
3+00	9.60		6.00	North line Redwood
	262.3		266.6	
+40	11.20		6.90	
Redwood	261.3		266.0	
0+0	12.20		7.50	South line Redwood
	259.6		264.4	
+50	13.90		9.10	
	259.0		264.8	
1+00	14.50		8.70	
	258.4		266.1	
+50	15.10		7.40	
	258.6		267.4	
2+00	14.90		6.10	
	262.4		267.6	
50	11.10		5.90	
	265.5		267.1	
3+00	8.00	(269.6)	6.40	North line Spruce
	265.3		266.9	
+40	4.40		2.80	
Spruce				

281.38
8.75
272.63
0.96
273.59
6.78
266.73
2.93
269.66

Second Shot

Stat	West	East	
0+0	264.9 4.80	266.4 3.30	South line Fence
60	264.5 5.20	266.0 3.70	
1+00	263.9 5.80	264.6 5.10	
+50	262.3 7.40	259.4 10.30	

X Section Capps July 26-95

288.18 B.M.
1.13
289.31
7.12
282.19
2.16
284.34

Sta	Third West (289.31)	Third East
1+66	285.4 3.90	286.3 3.00
+50	285.2 4.10	286.1 3.20
1+00	284.9 4.40	285.7 3.60
50	284.6 4.70	285.8 3.50
0+0	284.1 5.20	285.3 4.00
+40	283.9 5.40	285.1 4.20
0+0	283.5 5.80	285.0 4.30
50	283.1 6.20	284.6 4.70
1+00	282.8 6.50	284.1 5.20
50	282.4 6.90	283.6 5.70
2+00	282.0 7.30	283.0 6.30
50	281.6 7.70	282.6 6.70
3+00	281.1 8.20	282.0 7.30
40	281.0 3.30	281.7 2.60
0+0	280.7 3.60	281.5 2.80
50	280.4 3.90	281.0 3.30
1+00	279.9 4.40	280.3 4.00
50	279.4 4.90	280.0 4.30
2+00	278.9 5.40	279.7 4.60

Upper

Lower

South Walnut

North Line Upper

South Line Upper

North Line Thorn

South Line Thorn

Third Street

Sta	West		East
	278.3		279.8
50	6.00		5.00
	~~277.9~~		278.7
3+00	6.40		6.60
	275.1		275.6
40	9.20		8.70
	277.0		276.7
0+0	7.30		8.60
	276.4		273.3
50	7.90		11.00
	275.8		272.8
1+00	8.60		11.60
	275.8	(276.93)	270.6
60	1.60		6.30
	274.7		268.5
2+00	2.20		8.40
	274.0		265.6
50	2.90		11.30
	273.0	269.55	257.6
3+00	3.90		12.00
	270.6		261.0
40	6.30		8.50
	268.6		258.9
0+0	8.30		10.60

Spruce

Redwood

X Section

284.34
12.50
271.84 Elev Grade at Spruce - 3rd N.E Cor

284.34
13.80
271.04 Elev Grade at Spruce 3rd SE Cor

North line Redwood

South line Redwood

284.34
10.28
274.06
2.87
276.93
11.91
265.02
4.53
269.55
0.91
268.64
5.35
273.99
7.28
266.71

First Sheet

Stat	West		East
1+66	265.6 3.30	(268.92)	267.6 1.30
50	259.4 9.50		266.6 2.30
1+00	258.9 10.00		263.1 5.80
50	257.3 11.60		261.4 7.50
0+0	256.9 12.00		261.2 7.70
40	258.9 10.00		262.2 6.70
0+0	258.8 10.10		262.2 6.70
50	253.6 9.80	~~262.72~~ 263.38	259.0 4.40
1+00	252.5 10.90		257.4 6.00
50	256.6 6.80		262.4 1.00
2+00	255.9 7.50		260.9 2.50
50	252.3 9.10		259.3 4.10
3+00	253.1 10.30		256.3 7.10
40	250.4 13.00		256.2 7.20
0+0	254.1 9.30		258.3 5.10
50	256.3 7.10		261.0 2.40
1+00	254.3 9.10		259.2 4.20
50	252.0 6.90	~~258.21~~ 258.87	257.9 1.00
2+00	250.3 8.60		257.1 1.80

× Section (Capps) July 26 1895

South line Walnut Ave

North line Upas

South line Upas

North line Thorn

South line Thorn

256.77 B.M.
+.66 11.49
268.26
11.98 −
256.28
6.44 +
262.72
8.62 −
254.10
4.11 +
258.21

First

Stat	West		East	
50	249.5 9.40		256.1 2.80	
3+00	248.7 10.20		255.6 3.30	North line Spruce
+40	248.1 10.80		254.4 4.50	
0+0	247.3 11.60		253.1 5.80	South line Spruce
50	245.0 13.90		252.7 6.20	
1+00	243.5 9.60	~~252.42~~ 253.08	252.1 1.00	
50	242.6 10.50		251.1 2.00	
2+00	242.1 11.00		250.5 2.60	
50	241.1 12.00		249.3 3.80	
3+00	239.1 14.00		247.8 5.30	North line Redwood
40	238.6 14.50		247.1 6.00	
0+0	241.3 11.80		246.2 6.90	South line Redwood
50	241.1 12.00		245.0 8.10	
1+00	237.8 6.80	~~243.97~~ 244.63	243.0 1.60	
50	230.2 14.40		242.0 2.60	
+75	226.6 18.00			
2+00	229.4 15.20		242.3 2.30	
50	236.2 16.00	~~251.54~~ 252.20	244.5 7.70	
3+00	239.7 12.50		246.8 5.40	North line Quince
40	240.7 11.50		249.1 3.10	

258.21
1175 −
246.46
596 +
252.42
988 −
242.54
143 +
243.97
262 −
241.35
10.19 +
251.54

First

Stat	West		East
0+0	242.1 10.10		251.0 1.20
50	242.6 14.10	~~256.04~~ 256.70	254.7 2.00
1+00	243.0 13.70		254.4 2.30
50	242.9 13.80		255.3 1.40
2+00	244.4 12.30		254.7 2.00
50	247.3 9.40		253.5 3.20
+80	246.4 9.80		250.4 6.30
3+00	245.2 11.50		242.5 14.20

South line Quince

North line Palm

251.54
423 −
247.31
873 +
256.04
1.32 −
254.72
1190 +
266.62
296 −
263.66
621 +
269.87
386 −
266.01
66
266.67

Front St Aug 10th 1899

Stat	West		East
		(252.36)	
1+66			250.8
			1.60
+50			246.0
			6.40
1+00			244.0
			8.40
+50			243.3
			9.10
0+0			242.9
			9.60
40			242.2
			10.20
0+00			241.7
			10.70
+50		(242.68)	235.3
			7.40
+90	(241.87)	(231.39) (246.44)	231.0
			10.40
1+50			238.9
			7.50
2+00			240.0
			6.40
50			239.1
			7.30
3+00			238.5
			7.90
40			238.1
			8.30
0+0			236.2
			10.20
50			237.5
			8.90
+80	232.9		
	9.00		238.4
1+00	234.6		8.00
	7.30		
50	233.3		239.9
	8.60	(241.87)	6.50
2+00	232.2		240.1
	9.70		1.80

South line Walnut

North line Hall pas

South line Hall pas

North line Thom

South line Thom

246.44
7.71
238.73

256.77
1.06
267.83
11.21
246.62
5.74
252.36
11.48
241.28
1.48
242.68
11.86
230.82
0.57
231.39
241.20
5.21
246.44
6.40
240.04
1.83
241.87

Stat	West	(241.87)	East
50	232.0 9.90		240.3 1.60
3+00	232.5 9.40		238.1 3.80
+40	230.3 11.60		236.6 5.30
0+00	229.7 12.20		237.6 4.30
50	230.1 11.80		237.5 4.40
1+00	230.3 11.60		236.9 5.00
50	229.4 12.50		235.3 6.60
2+00			230.7 11.20

Front St

241.87

241.87
4.31
duck B.M. 2 3756

North line Spruce

South line Spruce

Stat	North		South
	284.10	(288.40)	283.50
0+0	4.30		4.90
	283.20		282.80
50	5.20		5.60
	282.70		282.20
1+00	5.70		6.20
	281.80		281.30
50	6.60		7.10
	280.70		280.20
2+00	7.70		8.20
	278.80		277.60
0+0	9.60		10.80
	276.30		275.00
50	12.10		13.40
	271.80	(277.83)	269.60
1+00	6.50		8.20
	266.60	(268.33)	264.60
50	2.70		3.70
	261.30		262.20
2+00	7.00		6.10
	256.80		258.70
0+00	11.50	(259.03)	9.60
	253.00		255.00
50	6.00		4.00
	249.70		247.90
1+00	9.30	(250.66)	11.10
	246.50		245.50
50	4.10		5.10
	242.80		241.60
2+00	7.80		9.00

Upas Street

268.33
11.53
256.80

West line 3rd Street

East line 2nd St

West line 2nd St

East line 1st

West line 1st

East line Front

288.18 B.M.
0.22
288.40
11.46
276.95
0.88
277.83
11.26
266.57
1.76
268.33
11.53
256.80
2.23
259.03
10.41
248.62
2.06
250.68

Stat	North		South
0+0	238.50 11.00	(249.50)	236.40 13.10
50	242.60 6.90		241.60 7.90
1+00	247.50 2.00	(256.35)	244.70 4.80
50	251.20 5.20		248.10 8.30
2+00	253.10 3.30		254.20 2.20

Stat	North		South
0+0	265.40 4.10	(269.46)	264.80 4.70
50	262.70 6.80		263.66 5.90
1+00	257.30 12.20		261.10 8.40
50	252.30 7.00	(259.10)	257.30 12.20
2+00	246.80 12.30		251.00 8.10

Stat	North		South
0+0	263.80 1.80	(265.59)	261.30 4.30
50	262.40 3.20		258.40 7.20
1+00	259.50 6.10		254.00 11.60
50	253.00 5.20	(258.24)	249.70 8.50
2+00	247.70 10.50		246.10 12.10

Thorn

East line Front

238.73 BM
10.77
249.50
4.18
245.32
11.03
256.35

West line First

Prince St

West line 2nd St

266.64 BM
2.82
269.46
11.60
257.86
1.24
259.10

Redwood St

West line Second St

266.64 BM
6.99
273.63
9.04
B.M N.W. 264.59 Redwood
1.00
265.59
11.50
254.09
4.15
258.24

East line 1st

Park line

	Stat	Rod	
			(286.79)
Quince	3+00	279.30 7.50	
	40	279.90 6.90	
	0+0	280.70 6.10	
	50	281.30 5.50	
	1+00	281.70 5.10	
	50	282.16 4.70	
	2+00	282.80 4.00	
	50	283.10 3.70	
	3+00	283.50 3.30	
Redwood	40	284.20 2.60	(291.13)
	0+0	284.30 6.80	
	50	284.80 6.30	
	1+00	285.00 6.10	
	50	285.50 5.60	
	2+00	285.80 5.30	
	50	285.90 5.20	
	3+00	286.30 4.80	
	40	286.40 4.70	
	0+0	286.40 4.70	

291.1
5.2
285.9

291.1
.48
286.3

Park line

South line Quince St	279.32 7.47 286.79 2.75 284.04 7.09 291.13
North line Quince St	3.43 287.76 5.83 293.53

North line Redwood

Elev plug at Park line - Center Redwood 284.04'

South line Redwood

North line Spruce

South line Spruce

Park line (West)

Stat	Rod
	286.60
60	4.60
	286.80
1+00	4.30
	287.10
60	4.00
	287.80
2+00	3.80
	287.30 (293.53)
60	6.20
	287.70
3+00	5.80
	287.80
40	5.70
	288.00
0+0	5.50
	288.10
60	5.40
	288.70
1+00	4.80
	288.60
60	4.90
	288.70
2+00	4.80
	289.00
60	4.50
	289.10
3+00	4.40
40	
0+0	

Thom

Wpar

293.53
4.84
288.69

293.53
281.48
12.05 check on BM at Thmr 60

Elev of N.E. cor of Stone Monument at the N.W. corner of the City Park is 288.69

North line Thom

South line Thom

North line Wpar

E St

Capps
Aug 30 15

44.56 B.M.
5.29
49.85
0.78
49.07
8.26
57.33

Stat	North	Gutter	Center (49.85)	Gutter	South	
0+0	43.4 6.40	42.6 7.20	42.4 7.40	42.3 7.50	42.3 7.50	East line 6th
25	43.8 6.00	43.0 6.80	42.5 7.30	42.8 7.00	42.8 7.00	
50	44.1 5.70	43.4 6.40	42.9 6.90	42.9 6.90	43.2 6.60	
75	44.5 5.30	43.8 6.00	43.2 6.60	43.2 6.60	43.6 6.20	
1+00	44.9 4.90	45.4 4.40	43.2 6.60	43.3 6.50	43.9 5.90	
25	45.4 4.40	44.8 5.00	43.3 6.50	43.5 6.30	44.0 5.80	
50	45.5 4.30	44.7 5.10	43.8 6.00	43.7 6.10	44.2 5.60	
75	45.5 4.30	44.9 4.90	44.1 5.70	43.9 5.90	44.4 5.40	
2+00	45.6 4.20	45.0 4.80	44.6 5.20	44.3 5.50	44.7 5.10	West line 7
	46.6 3.20	46.4 3.40	46.9 3.90	45.5 4.30	45.4 4.40	East line 7
	47.2 2.60	47.2 2.60	46.3 3.50	46.2 3.60	46.0 3.80	
	47.9 1.90	47.6 2.20	46.6 3.20	46.4 3.40	46.5 3.30	
	48.1 1.70	47.8 2.00	47.0 2.80	46.8 3.00	46.8 3.00	
	48.4 1.40	48.3 1.50	47.5 2.30	46.4 3.40	46.6 3.20	Cement walk Brookline West end
	48.7 1.10	48.6 1.20	47.8 2.00	46.7 3.10	47.1 2.70	
	48.9 0.90	48.9 0.90	48.2 1.60	47.3 2.50	47.5 2.30	East end Walk
	49.3 0.50	49.1 0.70	48.8 1.00	48.3 1.50	48.5 1.30	
	49.8 0.00	49.7 0.10	49.1 0.70	48.4 1.40	48.6 1.20	West line 8th

E St

Stat	North	Gutter	Center	Gutter	South	
	49.9	49.9	(57.33) 49.1	49.5	49.4	
0+0	7.40	7.46	8.20	7.80	7.90	
	50.3	50.6	49.7	50.0	50.1	
	7.00	6.70	7.60	7.30	7.20	East line 8th
	51.5	51.5	50.5	50.7	50.7	
	5.80	5.80	6.80	6.60	6.60	
	52.4	52.7	51.9	52.0	52.3	
	4.90	4.60	5.40	5.30	5.00	
	53.7	53.7	53.0	53.0	53.2	
	3.70	3.70	4.40	4.40	4.20	
	55.0	54.7	53.8	54.1	54.2	
	2.40	2.70	3.60	3.30	3.20	
	55.4	55.5	54.8	55.0	54.9	
	2.00	1.90	2.60	2.40	2.50	
	56.5	56.4	55.5	55.7	55.5	
	0.90	1.00	1.90	1.70	1.90	
	57.1	57.0	56.2	56.2	56.0	
	0.30	0.40	1.20	1.20	1.40	West line 9th
			(63.88)			
	57.7	58.0	57.2	56.7	57.0	
	6.20	5.90	6.70	7.20	6.90	East line 9th
	58.8	58.6	57.3	57.5	58.2	
	5.10	5.30	6.60	6.40	5.70	
	59.0	59.1	57.6	57.8	58.3	
	4.90	4.80	6.30	6.10	5.60	
	59.5	59.5	58.0	58.3	58.4	
	4.40	4.40	5.90	5.60	5.50	
	60.1	59.8	58.6	58.7	58.8	
	3.80	4.10	5.30	5.20	5.10	
	60.7	60.3	59.6	59.6	59.6	
	3.20	3.60	4.30	4.30	4.30	
	61.2	60.9	60.3	60.3	60.1	
	2.70	3.00	3.60	3.60	3.80	
	61.8	61.4	60.5	60.4	60.4	
	2.10	2.50	3.40	3.50	3.50	
	62.5	61.7	61.0	60.8	60.8	
	1.40	2.20	2.90	3.10	3.10	West line 10th

57.33
109
56.24
7.64
63.88

E St

Stat-	North	Quarter	Center	Quarter	South	
0+0	63.3	62.8	62.1	61.0	61.6	
	0.60	1.10	1.80	2.90	2.30	East line 10'
	63.1	62.6	62.2	60.9	61.7	
	0.80	1.30	1.70	3.00	2.20	
	63.6	63.3	62.8	61.7	61.9	
	0.30	0.60	1.10	2.70	2.00	
	64.4	63.4	(68.08) 62.7	61.4	62.1	
	3.70	4.70	5.40	6.70	6.00	
	64.1	62.8	62.4	61.4	62.8	
	4.00	5.30	5.70	6.70	5.80	
	63.3	62.3	62.1	61.6	62.5	
	4.80	5.80	6.00	6.50	5.60	
	63.0	62.2	61.8	61.7	62.7	
	5.10	5.90	6.30	6.40	5.40	
	63.2	62.6	62.1	62.0	62.9	
	4.90	5.50	6.00	6.10	5.20	
	63.3	62.7	62.5	62.3	63.0	
	4.80	5.40	5.60	5.80	5.10	West line 11'
	65.1	65.1	64.5	64.7	64.5	
	3.00	3.00	3.60	3.40	3.60	East line 11'
	65.3	65.3	64.6	64.7	64.6	
	2.80	2.80	3.50	3.40	3.50	
	65.4	65.6	64.9	65.0	64.8	
	2.70	2.50	3.20	3.10	3.30	
	65.6	65.7	65.1	65.4	65.0	
	2.50	2.40	3.00	2.70	3.10	
	65.8	65.8	65.5	65.4	65.2	
	2.30	2.30	2.60	2.70	2.90	
	66.0	66.0	65.4	65.5	65.5	
	2.10	2.10	2.70	2.60	2.60	
	66.1	66.1	65.5	65.5	65.2	
	2.00	2.00	2.60	2.60	2.90	
	66.3	66.3	65.8	66.6	65.2	
	1.80	1.80	2.30	2.50	2.90	
	66.5	66.5	66.2	65.5	65.2	
	1.60	1.60	1.90	2.60	2.90	

68.08
1.05
67.03

71.47
1.68
69.79

63.88
0.95
62.93
5.15
68.08
2.89
65.19
6.28
71.47

E St

7147
11.86
59.61
209
6170

Stat	North	Gutter	Center	Gutter	South	
			(71.47)	65.8	65.7	
0+0			66.7	5.70	6.80	
			4.80			
			66.8	66.8	66.1	
			4.70	4.70	5.40	
			66.6	67.0	66.7	
			4.90	4.60	4.80	
			66.5	66.9	66.3	
			5.00	4.60	5.20	
			66.1	66.4	66.1	
			5.40	5.10	5.40	
			65.5	65.3	65.2	
			6.00	6.20	6.30	
			64.4	64.7	64.9	
			7.10	6.30	6.60	
			62.5	63.1	63.7	
			9.00	8.40	8.30	
	60.3		61.4	61.1	60.8	
	11.20		10.10	10.40	10.70	
	59.8	59.7	60.9	60.5	60.5	
1+14	11.70	11.80	10.60	11.00	11.00	West line 15'
	59.4	59.5	59.6	59.7	60.0	
40	12.10	12.00	11.90	11.80	11.50	
	57.4	58.0	(61.70)	57.7	58.3	
66	4.30	3.70	3.60	4.00	3.40	
	57.2	57.2	57.9	57.0	57.5	
0+0	4.50	4.50	3.60	4.70	4.20	East line 15'
	56.8	56.2	57.0	56.9	58.0	
	4.90	5.50	4.70	4.80	3.70	
	56.3	55.7	56.2	58.2	58.9	
	5.40	6.00	5.60	3.50	2.80	
	56.2	55.9	56.6	58.5	59.4	
	5.50	5.80	5.10	3.20	2.30	
	55.7	56.1	56.6	57.9	58.2	
	6.00	5.60	5.10	3.80	3.50	
	55.2	55.7	56.8	57.4	57.7	
	6.50	6.00	4.90	4.30	4.00	
	54.2	54.9	56.0	56.4	56.9	
	7.50	6.80	5.70	5.30	4.80	

E 11

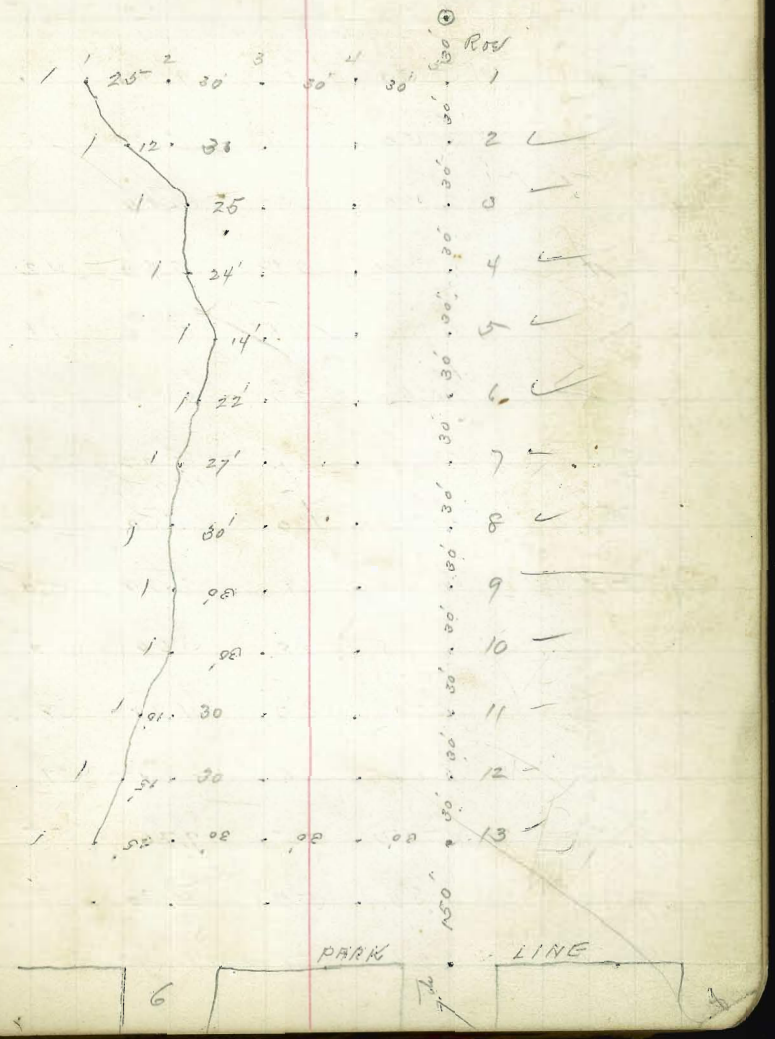
Stat	North	Gutter	Center	Gutter	South	
	53.8	53.9	54.9	55.4	55.8	
	7.90	7.80	6.80	6.30	5.90	
	52.7	53.5	53.3	54.7	54.7	
3+00	9.00	8.20	8.40	7.00	7.00	West line 14'
	48.3	49.8	(53.83)	50.9	51.8	
40	5.50	4.00	5.4	2.90	2.00	
	46.8	47.6	50.5	49.7	46.6	
0+0	7.00	6.20	3.30	4.60	7.20	
	46.4	47.7	47.8	48.3	46.3	
60	7.40	6.60	6.00	5.50	7.50	
	46.8	46.1	46.3	46.7	45.9	
1+00	7.00	7.70	7.50	7.60	7.90	
	48.0	46.5	46.1	46.0	46.0	
60	5.80	7.30	7.70	7.50	7.80	
	48.6	46.6	46.1	45.8	45.8	
2+00	5.20	7.20	7.70	8.00	8.00	in front Barn
	48.3	46.5	44.4	44.2	44.8	
60	5.50	7.30	9.40	9.60	9.00	on top bank
	44.3	40.7	(47.73)	37.9	38.4	
75	3.30	7.00	9.40	9.80	9.30	Bottom Bank
	42.7	40.2	37.7	37.0	37.2	
3+00	5.00	7.50	10.00	10.70	10.50	
	47.8	40.0	39.3	39.3	39.1	
60	4.90	7.70	8.40	8.40	8.60	
	42.4	39.6	39.8	40.6	36.8	
4+00	5.30	8.10	7.96	7.10	10.90	West line 15'

14'

59.14 B.M.
118
6032
1069
5023
36
5387
1151
4236
540
4772

Elm Street Borrow Pit. 20

Rod No.	Rod	Rod	Rod	Rod	Rod
		185.06 / 73 / 192.36		169.47 / 9.16 / 168.63 / 0.76 / 167.87 / 11.90 / 179.77 / 3.40 / 176.37 / 1.51 / 187.88 / 2.82 / 185.06	B.M. Cor 7th & Park
			(192.36)		
	182.20	184.70	186.80	186.50	186.30
1	183.1	186.9	189.1	188.4	186.8
	9.30	5.50	8.30	4.00	5.60
	180.44	180.74	(183.55)	184.34	183.80
2	182.9	185.9	187.4	186.5	184.8
	4.00	2.00	0.60	1.40	3.90
		177.1	180.6	181.85	181.8
3		185.0	185.6	184.9	181.9
		2.90	2.30	0.00	6.00
		172.90	177.4	179.1	179.8
4		183.2	184.2	183.5	180.1
		4.70	3.70	4.40	7.80
		172.4	173.8	177.3	178.4
5		182.7	182.9	181.4	179.6
		5.20	5.00	6.50	8.30
		169.8	171.8	174.6	170.2
6		179.8	181.0	179.9	177.8
		8.10	6.90	8.00	10.10
		167.80	169.6	172.8	175.8
7		177.6	179.9	176.2	175.9
		10.30	8.00	9.70	12.00
		165.6	(170.77)	171.2	173.7
8		175.9	178.9	176.8	174.2
		3.90	0.90	3.00	5.60
		163.3	165.4	168.1	172.8
9		174.1	177.3	175.4	173.3
		5.70	2.50	4.40	6.50
		161.1	162.9	165.9	171.5
10		169.3	170.8	171.6	171.2
		10.50	9.00	8.20	8.60
	159.1	159.8	(168.63)	162.8	166.9
11	164.7	165.2	166.3	167.1	166.7
	3.90	3.40	2.30	1.50	1.90
	156.9	157.7	158.7	160.8	162.6
12	161.4	162.7	162.6	162.1	162.6
	7.20	5.90	6.00	6.50	6.00
	155.4	156.6	157.2	156.4	157.0
13	156.6	158.7	158.0	156.6	157.0
	12.00	9.90	10.60	12.00	11.60

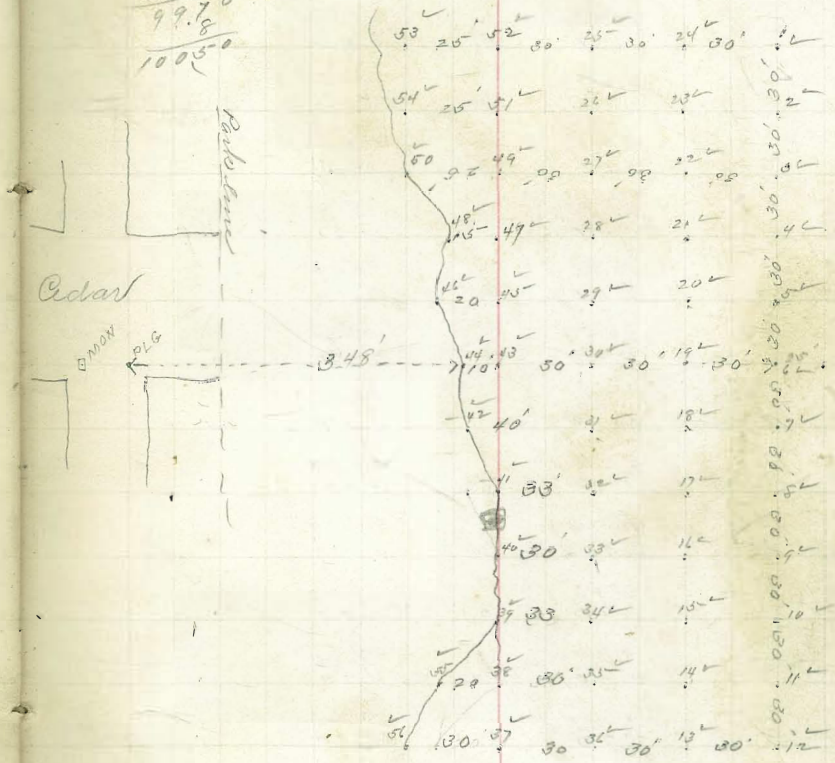


on Cement Reservoir B.M. 100.00 assumed El
11.79
111.79

Stat	Rod. (111.79)	Stat	Rod (120.38)	Stat	Rod (109.10)
	109.1		118.2		96.1
12	2.70	5	2.20	49	13.00
	111.3		118.3		97.7
11	0.50	4	2.10	47	11.40
	103.8		119.1		95.6
13	8.00	3	1.30	48	13.50
	105.0		115.9		97.5
14	6.80	2	4.50	45	11.60
	106.5		111.4		94.5
15	5.30	1	9.00	46	14.60
	109.5		107.5		97.1
16	2.30	24	12.90	43	12.00
	109.7		110.3		96.1
17	2.10	23	10.10	44	13.00
	110.6		110.8		95.6
18	1.20	22	9.60	42	13.50
	102.9		111.2		96.1
31	8.90	21	9.20	41	13.00
	101.2		111.8		95.1
32	10.60	20	8.60	40	14.00
	100.9		112.4		94.3
33	10.90	19	8.00	39	14.50
	100.6		(109.10) 103.8		(100.60) 87.0
34	11.20	30	6.30	53	16.50
	101.1		104.9		89.5
35	10.70	29	4.20	54	11.00
	99.7		105.5		90.5
36	12.60	28	3.60	50	10.00
	(120.38) 113.7		104.9		92.6
10	6.70	27	4.20	38	7.90
	114.4		102.5		91.5
9	6.00	26	6.60	37	9.00
	114.9		99.4		89.1
8	5.50	25	9.70	55	11.40
	115.6		93.1		84.5
7	4.80	52	16.00	56	16.00
	116.2		94.2		
6	4.20	51	14.90		

111.79
1.2
110.19
101.9
120.38
11.91
108.47
0.63
109.10
9.40
99.70
99.8
100.5

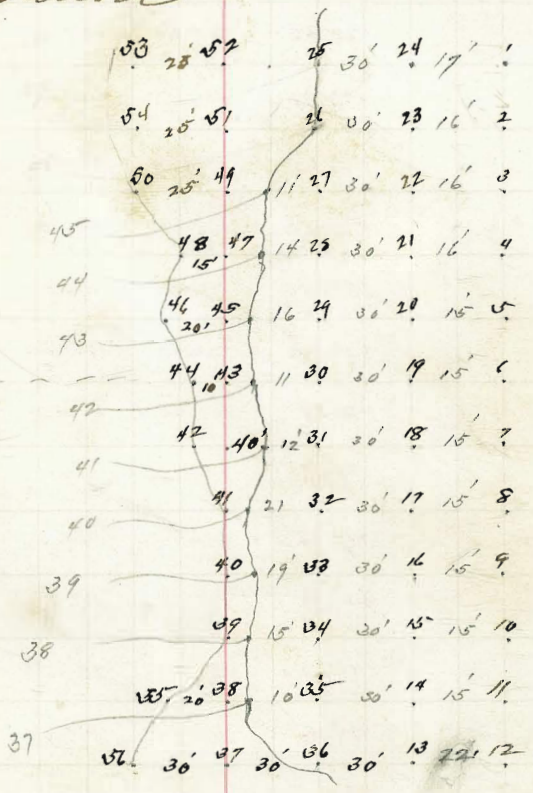
6.48
2
4.48 feet



BM 100.00 on Cement Reserv
3.20
103.20

Stat	Rod	Stat	Rod	Stat	Rod
	101.50		(103.20) 99.40		97.50
1	1.70	20	3.80	39	5.70
	100.90		100.26		98.20
2	2.30	21	3.00	40	5.00
	101.30		100.66		99.30
3	1.90	22	2.60	41	3.90
	100.66		100.20		100.10
4	2.60	23	3.00	42	3.10
	99.70		99.90		100.30
5	3.50	24	3.30	43	2.90
	98.80		99.40		101.00
6	4.40	25	3.80	44	2.20
	98.20		100.70		100.40
7	5.00	26	2.50	45	2.80
	98.06		98.76		
8	5.20	27	3.50		
	97.30		99.80		
9	5.90	28	3.40		
	96.50		99.70		
10	6.70	29	3.50		
	97.06		99.20		
11	6.20	30	4.00		
	103.20		99.06		
12	0.00	31	4.20		
	101.06		97.66		
13	2.20	32	5.60		
	96.20		97.50		
14	7.00	33	5.70		
	95.06		98.10		
15	8.20	34	5.10		
	95.90		98.20		
16	7.30	35	5.00		
	97.46		99.20		
17	6.20	36	4.00		
	97.30		97.80		
18	5.90	37	5.40		
	98.20		98.60		
19	5.00	38	4.60		

8TH St Borrow Pit 2nd Rods after Earth excavation



22nd ST Cross Section

Station	West P. Line	West Curb	Center	East Curb	East P. Line	
(145.70) 0	137.70 / 8.0	138.30 / 7.4	140.10 / 5.6	141.80 / 3.9	143.40 / 2.3	South line C St
+ 25	138.60 / 7.1	139.50 / 6.2	141.60 / 4.1	143.70 / 2.0	144.80 / 0.9	
+ 50	137.90 / 7.8	139.20 / 6.5	141.80 / 3.9	143.50 / 2.2	145.20 / 0.5	
+ 75	136.60 / 9.1	138.00 / 7.7	140.80 / 4.9	143.60 / 2.1	145.00 / 0.7	
1	136.20 / 9.5	137.50 / 8.2	140.00 / 5.7	143.00 / 2.7	144.70 / 1.0	
+ 25	137.50 / 8.2	138.00 / 7.7	140.80 / 4.9	143.30 / 2.4	144.50 / 1.2	
+ 50	138.90 / 6.8	138.70 / 7.0	140.40 / 5.3	143.00 / 2.7	144.40 / 1.3	
+ 75	140.00 / 5.7	140.20 / 5.5	141.90 / 3.8	143.30 / 2.4	144.50 / 1.2	
2	140.40 / 5.3	141.60 / 4.1	143.10 / 2.6	144.20 / 1.5	145.60 / 0.1	
(149.08) + 25	140.38 / 8.7	141.78 / 7.3	144.38 / 4.7	145.98 / 3.1	146.68 / 2.4	
+ 50	140.38 / 8.7	141.78 / 7.3	145.38 / 3.7	146.48 / 2.6	147.38 / 1.7	
+ 75	140.08 / 9.0	141.48 / 7.6	144.88 / 4.2	146.98 / 2.1	147.58 / 1.5	
3	139.78 / 9.3	141.28 / 7.8	144.68 / 4.4	146.88 / 2.2	147.18 / 1.9	North line D St
(149.08) 0	139.28 / 9.8	140.58 / 8.5	143.68 / 5.4	146.78 / 2.3	147.98 / 1.1	South line D St
+ 25	139.28 / 9.8	140.38 / 8.7	143.28 / 5.8	146.38 / 2.7	147.48 / 1.6	
+ 50	138.88 / 10.2	140.08 / 9.0	142.78 / 6.3	145.68 / 3.4	147.48 / 1.6	
+ 75	139.38 / 9.7	140.68 / 8.4	142.78 / 6.3	144.78 / 4.3	146.78 / 2.3	
1	138.58 / 10.5	139.58 / 9.5	142.58 / 6.5	144.38 / 4.7	145.18 / 3.9	

22nd St Contd

Stations	West P. line	West Curb	Centre	East Curb	East P. line
(149.08)	138.48	139.18	141.78	143.88	144.38
	10.5	9.9	7.3	5.2	4.7
1 + 25	137.88	139.28	141.18	142.98	143.48
	11.2	9.8	7.9	6.1	5.6
+ 50	136.98	138.68	140.78	141.78	141.68
	12.1	10.4	8.3	7.3	7.4
+ 75	135.5	136.8	139.4	140.1	140.3
(146.27)	10.8	9.5	6.9	6.2	6.0
2	134.9	135.9	138.2	139.1	139.9
	11.4	10.4	8.1	7.2	6.4
+ 25	135.4	136.6	138.8	140.6	141.3
	10.9	9.7	7.5	5.7	5.0
+ 50	135.9	136.4	138.4	139.9	140.5
	10.4	9.9	8.0	6.4	5.8
+ 75	134.9	135.6	136.8	138.3	138.9
	11.4	10.7	9.5	8.0	7.4
3	134.1	134.9	137.0	137.9	138.5
	12.2	11.4	9.3	8.4	7.8
+ 14	134.3	135.9	137.7	138.5	139.6
	12.0	10.4	8.6	7.8	6.7
+ 40	134.7	136.3	138.8	140.4	141.2
	11.6	10.0	7.5	5.9	5.1
+ 66	136.1	137.4	139.4	141.4	141.9
	10.2	8.9	6.9	4.9	4.4
0	136.8	137.5	139.5	141.5	142.4
	9.5	8.8	6.8	4.8	3.9
+ 25	136.8	137.6	139.9	141.7	142.7
	9.5	8.7	6.4	4.6	3.6
+ 50	137.4	138.6	139.8	141.6	142.9
	8.9	7.7	6.5	4.7	3.4
+ 75	138.1	138.4	140.3	142.3	142.9
	8.2	7.9	6.0	4.0	3.4
1	138.3	138.8	140.7	141.6	143.2
	8.0	7.5	5.6	4.7	3.1
+ 25	137.9	138.9	140.5	142.1	143.1
	8.4	7.4	5.8	4.2	3.2
+ 50	138.1	138.3	140.5	142.1	143.1
	8.2	8.0	5.8	4.2	3.2
+ 75					

146.27
5.9
140.37

149.08
10.40
138.68
7.59
146.27

North E St

South E St

146.27
.3.57
142.70 T.P.
2.30
145.00

	West			East	
	P.line	Curb	Centre	Curb	P.line
(146.27)	138.1	138.6	140.5	142.13	143.4
2	8.2	7.7	5.8	4.0	2.9
	138.0	138.2	140.9	142.4	143.2
+ 25	8.3	8.1	5.4	3.9	3.1
	138.7	139.0	140.7	142.8	144.2
+ 50	7.6	7.3	5.6	3.5	2.1
	139.4	139.7	141.6	143.0	144.5
+ 75	6.9	6.6	4.7	3.3	1.8
	140.0	140.3	142.2	143.4	144.6
3	6.3	6.0	4.1	2.9	1.7
(145.00)	140.4	140.8	142.7	143.2	144.0
+ 14	4.6	4.2	2.3	1.8	1.0
	140.4	141.1	142.7	143.5	144.0
+ 40	4.6	3.9	2.3	1.5	1.0
	139.7	140.0	142.3	141.9	142.9
+ 66	5.3	5.0	2.7	3.1	2.1
	139.4	139.3	141.5	141.9	143.3
0	5.6	5.7	3.5	3.1	1.7
	137.8	138.0	140.9	142.0	143.1
+ 25	7.2	7.0	4.1	3.0	1.9
	137.9	138.2	141.0	141.8	143.0
+ 50	7.1	6.8	4.0	3.2	2.0
	137.2	137.5	140.0	141.3	142.1
+ 75	7.8	7.5	5.6	3.7	2.9
	135.9	136.3	139.8	140.5	142.2
1	9.1	8.7	5.2	4.5	2.8
	135.0	136.0	138.7	139.7	141.5
+ 25	10.0	9.0	6.3	5.3	3.5
	134.5	135.4	138.0	139.0	140.2
+ 50	10.5	9.6	7.0	6.0	4.8
	133.3	134.2	137.0	138.3	139.7
+ 75	11.7	10.8	8.0	6.7	5.3
	132.7	133.6	135.8	137.1	138.3
2	12.3	11.4	9.2	7.9	6.7
	131.5	132.6	134.3	135.6	136.7
+ 25	13.5	12.4	10.7	9.4	8.3
	131.5	131.4	132.7	133.6	134.0
+ 50	13.5	13.6	12.3	11.4	11.0

North line F St

South line F St

Stations	West P. Line	West Curb	Centre	East Curb	East P. Line
(133.74)	129.6	130.1	130.6	132.1	132.2
2+75	4.1	3.6	3.1	1.6	1.5
	128.7	129.4	129.4	130.2	130.6
3	5.0	4.3	4.3	3.5	3.2
+ 14					
+ 20					
+ 66					
(133.84)	125.5	125.4	126.8	126.8	127.3
0	8.3	8.4	7.0	7.0	6.5
+ 25	124.6	124.8	124.9	125.5	125.9
	9.5	9.5	8.9	8.3	7.9
+ 50	123.4	123.4	123.8	124.5	124.8
	10.4	10.4	10.0	9.3	9.0
+ 75	122.0	122.0	122.9	123.7	124.0
	11.8	11.8	10.9	10.1	9.8
1	121.1	121.1	121.8	123.1	123.2
	12.7	12.7	12.0	10.7	10.6
(124.17)	120.3	120.3	121.2	122.4	122.6
+ 25	3.9	3.9	3.0	1.8	1.6
+ 50	119.5	119.8	120.6	121.6	121.7
	4.7	4.4	3.6	2.6	2.5
+ 75	119.0	119.3	120.4	120.8	121.0
	5.2	4.9	3.8	3.4	3.2
2	118.1	118.8	120.0	120.1	120.3
	6.1	5.4	4.2	4.1	3.9
+ 25	117.7	118.1	119.3	119.3	119.5
	6.5	6.1	4.9	4.9	4.7
+ 50	117.4	117.9	118.7	117.8	118.7
	6.8	6.3	5.5	6.4	5.5
+ 75	116.7	116.6	117.7	117.7	117.9
	7.5	7.6	6.5	6.5	6.3
3+12.5	115.2	115.3	116.6	116.4	116.7
	9.0	8.9	7.6	7.8	7.5

North line G. St

South of G. St

North line H St

0+42 130.83 B.M
3.01
133.84

145.00
11.83
133.17
0.57
133.74

118.20 B.M. H 42
5.97
124.17

22nd St Contd

Station	West P. line	West Curb	Centre	East Curb	East P. line	
(118.4)						
0	112.6 / 5.8	113.3 / 5.1	114.3 / 4.1	114.2 / 4.2	114.4 / 4.0	S line H St.
+ 25	112.0 / 6.4	113.0 / 5.4	114.2 / 4.2	114.9 / 3.5	115.0 / 3.4	
+ 50	111.8 / 6.6	112.8 / 5.6	113.7 / 4.7	114.5 / 3.9	114.5 / 3.9	
+ 75	111.4 / 7.0	112.0 / 6.4	113.1 / 5.3	113.6 / 4.8	113.9 / 4.5	
1	111.4 / 7.0	111.7 / 6.7	112.6 / 5.8	112.6 / 5.8	113.0 / 5.4	
+ 25	110.1 / 8.3	110.8 / 7.6	111.8 / 7.1	111.5 / 6.9	111.9 / 6.5	
+ 50	109.6 / 8.8	110.0 / 8.4	110.9 / 7.5	111.0 / 7.4	111.2 / 7.2	
+ 75	108.9 / 9.5	109.1 / 9.3	110.1 / 8.3	109.9 / 8.5	110.4 / 8.0	
2	108.5 / 9.9	108.6 / 9.8	109.4 / 9.0	109.1 / 9.3	109.6 / 8.8	
+ 25	108.1 / 10.3	107.9 / 10.5	108.6 / 9.8	108.7 / 9.7	109.1 / 9.3	
+ 50	107.3 / 11.1	108.0 / 10.4	108.0 / 10.4	108.9 / 9.5	108.6 / 9.8	
+ 75	106.9 / 11.5	106.9 / 11.5	107.2 / 11.2	108.0 / 10.4	108.3 / 10.1	
3 + 06	105.7 / 12.7	105.9 / 12.5	106.7 / 11.7	106.9 / 11.5	107.2 / 11.2	North line I St
(109.4)						
0	103.5 / 5.9	103.7 / 5.7	104.9 / 4.5	105.7 / 3.7	106.6 / 2.8	South line I St
+ 25	103.0 / 6.4	103.5 / 5.9	104.7 / 4.7	105.3 / 4.1	105.7 / 3.7	
+ 50	102.7 / 6.7	103.7 / 5.7	104.3 / 5.1	105.0 / 4.4	105.4 / 4.0	
+ 75	102.8 / 6.6	103.1 / 6.3	103.9 / 5.5	105.1 / 4.3	105.8 / 3.6	
1	102.3 / 7.1	102.7 / 6.7	103.9 / 5.5	104.7 / 4.7	105.4 / 4.0	

118.20
0.16
118.36
10.2
108.16 BM
1.26
109.42

23rd St Control

109.42
6.54
102.88
5 5 5
108.43

	West			East	
Stations	Plain	Curb	Center	Curb	Plain
(109.4)	102.4	103.2	104.4	105.5	105.8
1 + 25	7.0	6.2	5.0	3.9	3.6
	101.9	102.4	103.7	105.1	105.5
+ 50	7.5	7.0	5.7	4.3	3.9
	101.7	102.2	103.0	104.0	104.4
+ 75	7.7	7.2	6.4	5.4	5.0
	101.3	101.2	102.2	103.2	103.2
2	8.1	8.2	7.2	6.2	6.2
	101.1	100.8	101.5	102.0	102.6
+ 25	8.3	8.6	7.9	7.4	6.8
	101.1	100.7	101.1	101.6	102.4
+ 50	8.3	8.7	8.3	7.8	7.0
	102.4	102.5	101.7	102.3	102.7
+ 75	7.0	6.9	7.7	7.1	6.7
	103.1	103.1	102.9	103.1	103.1
3	6.3	6.3	6.5	6.3	6.3
(108.4)	104.6	104.6	104.6	104.0	103.4
0	3.8	3.8	3.8	4.4	5.0
	104.1	104.3	104.8	103.9	103.6
+ 25	4.3	4.1	3.6	4.5	4.8
	103.6	104.0	105.3	104.0	103.6
+ 50	4.8	4.4	3.1	4.4	4.8
	103.4	103.3	103.7	103.5	103.6
+ 75	5.0	5.1	4.7	4.9	4.8
	102.6	102.6	103.4	103.5	103.5
1	5.8	5.8	5.0	4.9	4.9
	102.8	102.6	103.2	103.6	103.5
+ 25	5.6	5.8	5.2	4.8	4.9
	102.2	102.4	103.1	103.4	103.4
+ 50	6.2	6.0	5.3	5.0	5.0
	101.9	102.2	103.4	102.9	103.2
+ 75	6.5	6.2	5.0	5.5	5.2
	102.4	101.7	102.7	103.0	103.2
2	6.0	6.7	5.7	5.4	5.2
	101.2	101.8	102.7	102.0	102.6
+ 25	7.2	6.6	5.7	6.4	5.8

6.9 74 76 90.9

Station	West P.line	West Curb	Centre	East Curb	East P.line
(108.4)	101.0	101.0	101.6	101.7	102.6
2 + 50	7.4	7.4	6.8	6.7	5.8
	100.7	100.7	101.0	101.4	101.4
+ 75	7.7	7.7	7.4	7.0	7.0
	100.0	99.9	100.5	101.0	101.2
3	8.4	8.5	7.9	7.4	7.2
(100.7)	98.9	99.1	98.7	98.8	98.8
0	1.8	1.6	2.0	1.9	1.9
	96.7	97.1	97.7	97.7	98.0
+ 25	4.0	3.6	3.0	3.0	2.7
	~~106.1~~ 96.1	~~106.1~~ 96.1	~~106.9~~ 96.9	~~106.9~~ 96.9	~~107.1~~ 97.1
+ 50	4.6	4.6	3.8	3.8	3.6
	94.9	95.1	95.9	96.1	96.8
+ 75	5.8	5.6	4.8	4.5	3.9
	94.8	94.9	95.3	95.7	96.0
1	5.9	5.8	5.4	5.0	4.7
	92.3	92.6	93.9	94.6	95.0
+ 25	8.4	8.1	6.8	6.1	5.7
	91.4	91.7	93.1	93.3	93.8
+ 50	9.3	9.0	7.6	7.4	6.9
	89.7	90.1	91.1	91.8	91.6
+ 75	11.0	10.6	9.6	8.9	9.1
(91.10)	87.4	87.8	88.7	89.1	88.8
2	3.7	3.3	2.4	2.0	2.3
	85.2	85.8	86.4	86.5	86.7
+ 25	5.9	5.3	4.7	4.6	4.4
	83.3	83.5	84.2	84.3	84.3
+ 50	7.8	7.6	6.9	6.8	6.8
	81.1	81.5	82.0	81.7	81.9
+ 75	10.0	9.6	9.1	9.4	9.2
	78.9	79.3	79.9	79.5	79.8
3	12.2	11.8	11.2	11.6	11.3

N line of Lo. St.

108.43
8.49
99.94
0.74
100.68
11.64
89.04
2.06
91.10
11.43
N.W.E. cor L ma 22 79.67

Stations	West P/line	West Curb	Centre	East Curb	East P/line
(81.80)	77.6	77.7	78.4	78.7	79.8
	4.2	4.1	3.4	3.4	2.0
+ 14	75.4	75.4	77.0	76.6	76.6
	6.4	6.4	4.8	5.2	5.2
+ 40	74.4	74.2	74.0	73.4	73.6
	7.4	7.6	7.8	8.4	8.2
+ 66	73.2	72.2	73.1	73.4	73.6
	8.6	9.6	8.7	8.4	8.2
0	71.2	70.5	70.8	71.5	71.7
	10.6	11.3	11.0	10.3	10.1
+ 25	68.4	68.6	68.8	69.2	70.0
(71.00) →	2.7	2.5	2.3	1.9	1.1
+ 50	66.4	66.2	66.6	66.6	66.9
	4.7	4.9	4.5	4.5	4.2
+ 75	65.0	64.5	64.9	64.8	64.7
	6.1	6.6	6.2	6.3	6.4
1.	63.4	63.4	62.8	62.8	63.2
	7.7	7.7	8.3	8.3	7.9
+ 25	62.8	62.8	62.4	61.9	62.3
	8.3	8.3	8.7	9.2	8.8
+ 50	61.4	61.4	61.4	61.0	61.0
	9.7	9.7	9.7	10.1	10.1
+ 75	60.4	60.1	60.3	60.2	60.4
	10.7	11.0	10.8	10.9	10.7
2	58.9	59.1	59.6	59.6	60.1
	12.2	12.0	11.5	11.5	11.0
+ 25	58.2	58.5	58.3	58.3	58.6
(60.00)	1.8	1.5	1.7	1.7	1.4
+ 50	57.5	57.0	57.1	57.4	58.0
	2.5	3.0	2.9	2.6	2.0
+ 75	55.7	55.7	56.2	57.3	57.3
	4.3	4.3	3.8	2.7	2.7
3	55.9	55.6	56.0	56.8	57.2
	4.1	4.4	4.1	3.2	2.8
+ 14	56.2	56.2	55.8	56.1	56.3
	3.8	3.8	4.2	3.9	3.7
+ 40	54.6	54.1	55.1	55.3	56.1
	5.4	5.9	4.9	4.7	3.9
+ 66					

South line

North line N. St

86 96 84 82

79.67
2.14
81.81
11.84
69.97
1.13
71.10
11.91
59.19
0.81
60.00

22nd Contd

Station	West P/line	West Curb	Centre	East Curb	East P/line
60.00	54.3	53.7	53.8	53.9	56.5
0	5.7	6.3	4.2	4.1	3.5
	53.1	53.3	55.0	56.0	57.4
+ 25	6.9	6.7	5.0	4.0	2.6
	53.5	54.5	54.5	55.5	56.0
+ 50	6.5	5.5	5.5	4.5	4.0
	55.1	55.0	55.3	55.2	55.4
+ 75	4.9	5.0	4.7	4.8	4.6
	55.2	55.4	55.4	55.4	55.7
1	4.8	4.6	4.6	4.6	4.3
	55.2	55.0	55.6	55.6	55.6
+ 25	4.8	5.0	4.4	4.4	4.4
	54.9	54.9	55.0	55.1	55.2
+ 50	5.1	5.1	5.0	4.9	4.8
	54.3	54.3	54.5	55.0	54.4
+ 75	5.7	5.7	5.5	5.0	5.6
	53.5	53.5	53.8	53.6	53.6
2	6.5	6.5	6.2	6.4	6.4
	52.6	52.6	52.9	52.8	52.8
+ 25	7.4	7.4	7.1	7.2	7.2
	51.6	51.6	52.0	51.8	52.1
+ 50	8.4	8.4	8.0	8.2	7.9
	50.7	50.9	51.1	50.9	51.0
+ 75	9.3	9.1	8.9	9.1	9.0
	49.9	50.1	50.1	50.3	50.5
3	10.1	9.9	9.9	9.7	9.5
50.5	46.4	46.3	49.5	49.5	49.0
+ 12	2.1	2.2	1.0	1.0	1.5
	46.2	46.4	46.9	47.3	47.5
+ 40	4.3	4.1	3.6	3.2	3.0
	47.0	47.0	47.3	47.8	48.3
+ 66	3.5	3.5	3.2	2.7	2.2
	46.6	46.6	46.9	47.5	47.9
0	3.9	3.9	3.6	3.0	2.6
	45.6	45.6	46.3	47.3	47.8
+ 25	4.9	4.9	4.2	3.2	2.7
	44.9	45.4	46.4	46.5	47.9
+ 50	5.6	5.1	4.1	4.0	2.6

South line of St

on North Coronado R.R.

60.00
11.22
48.78
1.69
50.47

Stations	West P. line	West Curb	Centre	East Curb	East P. line
(50.5) 0+75	44.6 / 5.9	45.2 / 5.3	46.3 / 4.2	47.2 / 3.3	48.0 / 2.5
1	44.4 / 6.1	45.0 / 5.5	45.8 / 4.7	46.8 / 3.7	47.0 / 3.5
1+24.5	43.5 / 7.0	44.0 / 6.5	44.4 / 6.1	46.3 / 4.2	46.3 / 4.2
(50.5) 2+37					3.3
2+12			4.2	7.8	8.1
1+87	6.3	7.0	4.2		

50.47
2.68
47.79

South line Sherman's Addition

148.40
741

22 ond Bet B. & C Capps (148.40)

	West	Curb	Centre	Curb	East
0+0	139.2 / 9.20	139.0 / 9.40	141.0 / 7.40	143.0 / 5.40	144.3 / 4.10
+25	134.3 / 14.10	137.0 / 11.40	140.5 / 7.90	142.6 / 5.80	144.3 / 4.10
50	136.1 / 12.30	137.2 / 11.20	140.2 / 8.20	143.7 / 4.70	145.0 / 3.40
75	138.4 / 10.00	139.2 / 9.20	141.7 / 6.70	144.4 / 4.00	145.9 / 2.50
1+00	140.7 / 7.70	141.7 / 6.70	143.4 / 5.00	145.2 / 3.20	146.4 / 2.00
25	141.3 / 7.10	142.2 / 6.20	144.3 / 4.10	146.5 / 1.90	147.4 / 1.00
50	142.4 / 9.40	143.2 / 8.60	(151.80) 145.3 / 6.50	147.1 / 4.70	148.1 / 3.70
75	142.9 / 8.90	~~146.6~~ 143.9 / 7.90	146.6 / 5.20	148.4 / 3.40	149.3 / 2.50
2+00	143.8 / 8.00	144.8 / 7.00	147.1 / 4.70	149.0 / 2.80	150.2 / 1.60
50	144.3 / 7.50	145.8 / 6.00	147.6 / 4.20	149.5 / 2.30	150.7 / 1.10
7	144.4 / 7.40	145.6 / 6.20	147.7 / 4.10	149.5 / 2.30	150.9 / 0.90
	144.8 / 7.00	145.3 / 6.50	147.1 / 4.70	149.2 / 2.60	150.5 / 1.30
	143.6 / 8.20	144.6 / 7.20	147.0 / 4.80	148.7 / 3.10	150.1 / 1.70

9.39

0+0 = N line C"

140.99 B M
741
148.40
100
147.40
444
151.84
939
142.45

	West			East	
Stations	P. trino	Curb	Centro	Curb	P. trino

Apr 11-96

Cross Section Park road

Sta.	Park line	Center Sidewalk	Curb	Center	East.
	256.40	255.30	(258.49) 253.20	252.40	253.00
0+0	2.10	3.20	5.30	6.10	5.50
	255.40	254.20	252.80	252.30	253.10
25	3.10	4.38	5.70	6.20	5.40
	254.90	253.40	252.20	252.00	253.10
50	3.60	5.10	6.30	6.50	5.40
	254.10	243.80	252.06	252.00	252.10
75	4.40	5.20	6.50	6.50	6.40
	253.66	253.10	252.10	251.80	251.50
1+00	4.90	5.40	6.40	6.70	7.00
	252.40	252.26	251.80	251.40	251.50
25	6.10	6.30	6.70	7.10	7.00
	251.80	251.50	251.10	251.10	251.80
50	6.70	7.00	7.40	7.40	6.70
	251.60	251.10	251.06	251.50	252.66
75	6.90	7.40	7.50	7.00	5.90
	251.80	251.00	250.90	252.76	253.40
2+00	6.70	7.50	7.60	5.80	5.10
	251.50	252.70	250.80	252.60	253.70
25	7.00	7.80	7.70	5.90	4.80
	251.50	259.40	250.80	252.70	253.60
50	7.00	8.10	7.70	5.80	4.90
	251.50	250.40	250.40	251.80	252.90
75	7.00	8.10	8.10	6.70	5.60
	251.40	250.40	250.20	251.40	252.50
3+00	7.10	8.10	8.30	7.10	6.00
	251.60	250.20	250.30	250.40	251.90
40	6.90	8.30	8.20	8.10	6.60
Laurel	250.60	249.80	249.70	250.60	251.60
0+0	7.90	8.70	8.50	7.90	6.90
	249.90	249.40	250.00	250.40	250.80
25	8.60	9.10	8.60	8.10	7.70
	249.80	249.10	(255.54) 249.10	250.00	250.10
50	8.70	6.40	6.40	5.50	5.40
	250.00	249.10	248.90	249.40	249.80
75	5.50	6.40	6.60	6.10	5.70
	249.80	249.00	248.90	248.80	249.40
1+00	5.70	6.50	6.60	6.70	6.10

South line Maple

258.40 B.M.
5.61
264.01
10.19
253.82
4.67
258.49
8.34
250.15
5.39
255.54

Apr 11-96.

Cross Section Parkwad

Stat	Park line	Centre Sidewalk	Curb	Centre	East
	250.20	249.80	249.60	249.10	249.40
25	5.30	5.70	5.90	6.40	6.10
	250.60	250.60	250.00	249.70	248.80
50	4.90	4.90	5.50	5.80	6.70
	250.5	250.10	249.70	249.40	248.60
75	5.00	5.40	5.80	6.10	6.90
	250.70	249.90	249.20	249.00	248.70
2+00	4.80	5.60	6.30	6.50	6.80
	250.80	250.30	249.50	249.10	248.60
25	4.70	5.20	6.00	6.40	6.90
	250.80	250.70	250.00	249.60	248.60
50	4.70	4.80	5.50	5.90	6.90
	250.50	250.20	250.00	249.80	248.70
75	5.00	5.30	5.50	5.70	6.80
	250.00	249.60	249.40	249.70	248.90
3+00	5.50	5.90	6.10	5.80	6.60
	248.80	249.00	248.50	249.30	249.00
40	6.70	6.50	7.00	6.20	6.50
Katrine	247.90	248.30	248.00	248.40	248.50
0+0	7.60	7.20	7.50	7.10	7.00
	247.80	247.70	247.50	247.90	247.90
25	7.70	7.80	8.00	7.60	7.60
	246.60	246.60	246.70	247.30	247.10
50	8.90	8.90	8.80	8.20	8.40
	245.60	245.50	245.40	245.60	246.20
75	9.90	10.00	10.10	9.90	9.30
	244.50	244.60	245.20	246.00	246.40
1+00	11.00	10.90	10.30	9.50	9.10
	243.60	243.80	244.70	246.40	247.00
25	11.90	11.70	10.80	9.10	8.50
	243.70	243.80	244.40	246.30	246.40
50	11.80	11.70	11.10	9.20	9.10
	243.80	244.20	245.10	246.00	245.40
75	11.70	11.30	10.40	9.50	10.10
	244.70	245.10	(247.24) 245.70	245.50	244.70
2+00	2.50	2.10	1.50	1.70	2.50
	243.90	244.20	245.40	244.90	244.30
25	3.30	3.00	1.80	2.30	2.90

250.54
10.46
245.08
2.16
247.24

Parks Road

Stat	Park line	Centre tracks	curb	Centre	East
	243.20	243.40	244.60	244.10	243.7
50	4.60	3.80	2.60	3.10	3.50
	241.90	242.00	242.30	243.00	242.3
75	5.30	5.20	4.90	4.20	4.90
	240.80	241.2	241.50	241.2	241.30
3+00	6.40	6.00	5.70	6.00	5.90
	238.40	239.60	240.20	240.20	241.30
3+00	8.80	7.60	7.00	7.00	5.90
	237.70	238.30	238.60	239.60	239.50
40	9.50	8.90	8.60	7.60	7.70
	237.20	237.60	238.40	238.40	238.00
0+0	10.00	9.60	8.80	8.80	9.20

247.24
1.18
236.11
3.03
239.14
10.96
228.19

Road along West line Park from Maple to Elm

Stat	Park line	Auto track	Curb (263.47)	Auto	East
0+0	256.4	255.3	253.2	252.4	253.0
	258.0	256.3	254.7	252.8	253.1
+40	5.50	7.20	8.80	10.70	10.40
	257.8	256.9	256.0	254.2	253.3
0+00	5.70	6.60	7.50	9.30	10.20
	258.3	257.1	256.8	255.5	254.3
50	5.20	5.90	6.70	8.00	9.20
	259.0	258.2	257.4	256.3	255.3
1+00	4.50	5.30	6.10	7.20	8.20
	259.8	259.0	258.4	257.2	256.4
50	3.70	4.50	5.10	6.30	7.10
	260.9	260.3	259.5	258.1	256.6
2+00	2.60	3.20	4.00	5.40	6.90
	261.4	260.4	259.7	258.8	257.1
50	2.10	3.10	3.80	4.70	6.40
	261.1	260.3	259.7	258.3	257.1
3+00	2.40	3.20	3.80	5.20	6.40
	263.5	260.9	259.5	258.7	257.7
40	0.00	2.60	4.00	4.80	5.80
	261.0	259.8	259.2	258.4	258.1
0+0	2.50	3.70	4.30	5.10	5.40
	261.0	260.2	259.8	258.9	258.7
50	2.50	3.30	3.70	4.60	4.80
	262.4	261.5	(268.27)	259.7	259.4
1+00	5.90	6.80	260.9 7.40	8.60	8.90
	262.5	261.9	261.4	260.3	260.4
50	5.80	6.40	6.90	8.00	7.90
	262.2	262.1	262.1	261.3	261.7
2+00	6.10	6.20	6.20	7.00	6.60
	263.2	263.3	263.0	262.7	262.4
50	5.10	5.00	5.30	5.60	5.90
	265.3	265.6	265.1	264.6	263.6
3+00	3.00	2.70	3.20	3.70	4.70

263.81
2.42
266.23
7.41
258.82
4.65
263.47
4.40
259.37
8.90
268.27

Cross Section of Front St from South line of G" to South line E" st

Stat.	West	Curb		Center	Curb		East
	16.5	16.3		(23.53) 16.9	16.3		16.0
0+0	7.00	7.20		6.60	7.20		7.50
G" 40	17.1	17.1		17.4	17.2		17.0
	6.40	6.40		6.10	6.30		6.50
0+0	17.6	17.4		17.8	17.4		17.4
	5.90	6.10		5.70	6.10		6.10
	17.8	Curb 17.7	Gutter 17.1	18.4	Gutter 17.4	Curb 17.8	17.9
50	5.70	5.80	6.40	5.10	6.10	5.70	5.60
	18.0	18.2	17.7	18.9	18.0	18.0	18.3
1+00	5.50	5.30	5.80	4.60	5.50	5.50	5.20
	18.7	18.5	18.0	19.0	18.2	18.6	18.5
50	4.80	5.00	5.50	4.50	5.30	4.90	5.00
	18.9	18.7	18.3	19.3	18.5	18.8	18.7
2+00	4.60	4.8	5.2	4.20	5.0	4.70	4.80
	19.5	19.0	18.5	19.5	18.7	19.0	19.1
50	4.00	4.5	5.0	4.00	4.8	4.5	4.40
	19.6	18.8	18.8	19.9	19.3	19.4	19.3
3+00	3.90	4.7	4.7	3.60	4.2	4.1	4.20
F St	20.2	20.0	19.9	(28.57) 20.4	19.7	20.3	20.3
0+0	8.40	8.6	8.7	8.20	8.9	8.3	8.30
	21.9	21.3	20.9	21.6	21.0	21.3	21.4
+50	6.70	7.3	7.7	7.00	7.6	7.3	7.20
	22.4	22.1	21.6	22.6	22.4	22.4	22.4
1+00	6.20	6.50	7.0	6.00	6.2	6.2	6.20
	23.6	23.5	22.9	23.6	23.4	23.4	23.5
+50	5.00	5.1	5.7	5.00	5.2	5.2	5.10
	24.7	24.6	24.1	25.2	24.6	24.8	25.1
2+00	3.90	4.0	4.5	3.40	4.0	3.80	3.50
	26.0	25.7	25.3	26.2	25.6	26.0	26.1
+50	2.60	2.9	3.3	2.40	3.0	2.6	2.50
	26.8	26.8	26.3	27.3	27.0	27.1	27.2
3+00	1.80	1.8	2.3	1.30	1.6	1.5	1.40

19.08 B.M
4.45
23.53
3.53
20.00
8.57
28.57

Cross Section 2nd

Stat	East	Curb	(248.97) Center	Curb	West
	247.8	246.0	240.3	237.4	235.3
2+50	1.20	3.00	8.7	11.60	13.70
S line Olive	243.4	242.2	239.0	233.9	230.5
3+00	5.60	6.80	10.00	15.10	18.50

Bet Nutmeg & Olive

263.81 BM
309
26690
925
25765
017
25782
1195
24587
310
24897

Cross Section 13th Street Park to K st

May 29th 1896.

Stat	East	Curb	Center	Curb	West	
Park line 0+0	131.9 0.60	130.8 1.70	(132.50) 129.2 3.30	128.6 3.90	128.0 4.50	
+25	130.14 2.40	129.3 3.20	127.6 4.90	126.6 5.90	125.8 6.70	
50	129.0 3.50	127.5 5.00	125.8 6.70	124.6 7.90	124.2 8.30	
75	128.0 4.50	126.5 6.00	124.6 7.90	122.9 9.60	122.5 10.00	
1+00	125.6 6.90	124.8 7.70	122.9 9.60	120.9 11.60	120.8 11.70	
+10	124.6 0.00	124.2 0.40	(124.62) 122.3 2.30	120.7 3.90	119.6 5.00	N. line a
14	124.1 0.50	122.9 1.70	121.6 3.00	119.7 4.90	118.5 6.10	
40	122.3 2.30	120.9 3.70	119.4 5.20	117.6 7.00	116.5 8.10	
66	120.9 3.70	119.4 5.20	117.4 7.20	116.4 8.20	114.7 9.90	
0+0	120.4 4.20	118.9 5.70	117.3 on top manhole 7.30	115.4 9.20	113.8 10.80	S. line a
	119.6 5.00	118.1 6.50	115.6 9.00	113.5 11.10	112.4 12.20	
	117.5 0.00	116.4 1.10	(117.55) 114.0 3.50	111.8 5.70	110.7 6.80	
	115.5 2.00	114.2 3.30	111.7 5.80	109.7 7.80	108.7 8.80	
	112.8 4.70	111.0 6.50	109.3 8.20	106.9 10.60	105.9 11.60	
	110.8 0.40	109.3 1.90	(111.18) 107.0 4.20	104.3 6.90	103.6 7.60	
	109.4 1.80	106.6 4.60	104.5 6.70	102.0 9.20	101.9 9.30	
	106.9 4.30	105.0 6.20	102.7 8.50	99.9 11.30	99.8 11.40	
	104.5 0.00	101.8 2.70	(104.54) 99.8 4.70	97.2 7.30	97.2 7.30	
	101.2 3.30	99.2 5.30	97.1 7.40	95.7 8.80	95.1 9.40	

13250
05
132.45 B.M.
East line 13th Park
Spike in Cor Post

138.86
5.29
144.15
11.84
13231
019
13250
1175
12075
387
12462
1174
11288
467
11755
672
11083
035
11118
1169
9949
505
10454

13th Sheet Cross Section

Stat	East Cut	Cut	Cente Cut	Cut	West Cut
	98.3	96.3	95.0	93.6	93.4
	6.20	8.20	9.50	10.90	11.10
	94.8	94.2	(94.83) 95.1	91.8	91.2
	0.00	0.60	1.70	3.00	3.60
	93.6	92.8	91.1	89.6	88.6
3+00	1.20	2.50	3.70	5.20	6.00
	92.4	91.0	89.6	88.4	87.8
14	2.40	3.80	5.20	6.40	7.00
	89.8	88.8	87.5	86.1	85.8
40 B. St	5.00	6.00	7.30	8.70	9.00
	87.3	86.8	85.2	84.1	83.7
66	7.50	8.00	9.60	10.70	11.10
	86.2	84.9	84.3	82.9	82.8
0+0	8.60	9.90	10.50	11.90	12.00
	84.6	83.1	(85.11) 84.1	81.7	81.6
25	0.50	2.00	3.50	3.40	3.50
	81.8	80.6	79.9	79.8	79.9
50	3.30	4.50	5.20	5.30	5.20
	80.2	79.6	78.9	78.9	78.6
75	4.90	5.50	6.20	6.20	6.50
	78.6	78.2	77.8	77.7	77.6
1+00	6.50	6.90	7.30	7.40	7.50
	77.6	77.1	76.6	77.2	76.5
25	7.50	8.00	8.50	7.90	8.60
	76.3	75.5	75.5	75.6	75.6
50	8.80	9.60	9.60	9.50	9.50
	75.4	74.9	74.7	74.3	74.2
75	9.70	10.20	10.40	10.80	10.90
	74.4	73.9	73.2	73.1	72.6
2+00	10.70	11.20	11.90	12.00	12.50
	73.4	73.0	(75.89) 72.0	71.7	71.3
25	2.50	2.90	3.90	4.20	4.60
	71.7	70.9	70.6	70.4	70.3
50	4.20	5.00	5.30	5.50	5.60
	69.9	69.7	69.7	69.6	69.6
75	6.00	6.20	6.20	6.30	6.30
	69.4	69.0	69.4	69.2	69.2
3+00	6.50	6.90	6.50	6.70	6.70

N line B.

S line B. Elev top manhole 87.63

N line C

94.83
7.20
87.63

104.54
9.83
94.71
0.12
94.83
10.70
84.13
1.01
85.14
10.77
74.37
1.52
75.89
6.89
69.00

13th Sheet.

Stat.	East	Curb	Centre	Curb	West
0+0	57.7 4.70	57.2 4.80	(62.38) 58.0 4.40	58.6 3.80	60.7 1.70
25	57.4 5.00	57.3 5.10	57.5 4.90	58.7 3.70	60.1 2.30
50	57.2 5.20	57.2 5.20	57.4 5.00	58.0 4.40	59.6 2.80
75	57.2 5.20	57.0 5.40	57.2 5.20	58.3 4.10	60.2 2.20
1+00	57.0 5.40	56.9 5.50	57.7 4.70	58.4 4.00	61.2 1.20
25	56.6 5.80	56.7 5.70	57.5 4.90	58.9 3.50	60.6 1.80
50	56.7 5.70	56.8 5.60	57.9 4.50	58.0 4.40	59.8 2.60
75	57.0 5.40	57.0 5.40	57.9 4.50	58.3 3.90	59.7 2.70
2+00	57.2 5.20	57.2 5.20	58.1 4.30	59.4 3.00	60.0 2.40
25	58.3 4.10	58.1 4.30	58.7 3.70	59.4 Gutter 3.00	60.1 Curb mark 2.30
50	58.5 3.90	58.4 4.00	58.9 3.50	59.6 Gutter 2.80	60.2 2.20
75	58.4 4.00	58.0 4.40	59.0 3.40	59.7 Gutter 2.70	60.3 2.10
3+00	58.3 4.10	57.9 4.50	59.3 3.10	59.7 2.70	60.3 2.10
graded 0+0	58.5 8.50	58.7 8.30	(66.96) 60.2 6.80	60.5 6.50	61.0 6.00
25	58.4 8.60	59.2 7.80	60.4 6.60	62.4 4.60	61.9 5.10
50	59.5 7.50	59.8 7.20	61.4 5.60	64.0 3.00	63.1 3.90
75	60.4 6.60	61.4 5.60	62.4 4.60	63.5 3.50	62.8 4.20
1+00	60.3 6.70	61.3 5.70	62.2 4.80	63.4 3.60	63.7 3.30
25	60.4 6.60	61.6 5.40	62.6 4.40	62.7 4.30	62.7 4.30

Grand trees

S line D st

N line E st

S line E.

60.26 B.M.
2.12
62.38
2.12
60.26
6.70
66.96

13th st-

Stat-	East	cent	Center	Cent	West
	60.4	60.9	62.2	63.4	63.5
	6.60	6.10	4.80	3.60	3.60
	60.9	61.2	62.0	62.4	62.7
	6.10	5.80	5.00	4.60	4.30
	61.3	61.7	61.9	62.1	63.3
	5.70	5.30	5.10	4.90	3.70
	61.1	62.1	63.2	62.8	63.1
	5.90	4.90	3.80	4.20	3.90
	61.6	61.6	62.5	63.5	64.0
	5.40	5.40	4.60	3.60	3.00
	62.0	62.6	62.6	62.0	62.2
	5.00	4.40	4.40	5.00	4.80
	62.1	62.5	62.6	61.6	62.2
3+00	4.90	4.50	4.40	5.40	4.80
	59.1	59.5	(62.27) 60.4	61.3	61.2
0+0	3.20	2.80	1.90	1.00	1.10
	58.6	59.1	60.5	60.7	60.8
	3.70	3.20	1.80	1.60	1.50
	58.3	58.9	60.1	60.0	60.0
	4.00	3.40	2.10	2.30	2.30
	57.7	58.5	59.0	59.1	59.0
	4.60	3.80	3.30	3.20	3.30
	56.1	57.1	57.7	58.2	58.5
	6.20	5.20	4.60	4.10	3.80
	55.6	56.1	57.3	57.3	58.0
	6.70	6.20	5.00	5.00	4.30
	55.2	55.6	55.8	57.0	57.1
	7.10	6.70	6.50	5.30	5.20
	54.3	54.8	55.5	56.3	56.2
	8.00	7.60	6.80	6.00	6.10
	53.8	54.1	55.0	55.2	55.8
	8.50	8.20	7.30	7.10	6.50
	53.3	53.3	53.6	54.1	55.1
	9.00	9.00	8.70	8.20	7.20
	53.0	53.0	53.5	54.1	54.3
	9.30	9.30	8.80	8.20	8.00
	53.1	52.8	53.2	53.6	53.6
	9.20	9.50	9.10	8.70	8.70
	52.6	52.4	53.2	52.9	53.5
	9.70	9.90	9.10	9.40	8.80

N line F

6 line F Select Cross Sections

N line 6th st

66.96
7.32
59.74
2.63
62.27
9.48
52.79

13th Sheet

Stat	East	Curb	Center	Curb	West	
	53.7 3.70	(57.39) 53.8 3.60	52.9 4.50	52.7 4.70	53.1 4.30	Southline G.
	53.8 3.60	53.4 4.00	52.5 4.90	52.8 4.60	53.2 4.20	
	54.0 3.40	53.2 4.20	52.1 5.30	52.9 4.50	53.1 4.30	
	53.7 3.70	53.2 4.20	52.2 5.20	52.3 5.10	52.9 4.50	
	53.6 3.80	53.4 4.00	52.3 5.10	52.0 5.40	52.2 5.20	
	53.4 4.00	53.0 4.40	52.7 4.70	51.4 6.00	51.4 6.00	
	52.8 4.60	52.7 4.70	52.1 5.30	51.6 5.80	51.2 6.20	
	52.7 4.70	52.2 5.20	51.9 5.50	51.9 5.50	51.5 5.90	
	52.0 5.40	52.1 5.30	51.5 5.90	51.4 6.00	51.2 6.20	
	52.6 4.80	52.3 5.10	51.4 6.00	51.2 6.20	50.9 6.50	
	51.8 5.60	51.5 5.90	51.1 6.30	50.7 6.70	50.6 6.80	
	51.4 6.00	51.3 6.10	50.8 6.60	50.6 6.80	50.5 6.90	
3+02	51.2 6.20	51.2 6.20	50.4 7.00	50.1 7.30	50.1 7.30	N line H St
		Graded				
S 0+0	44.5 2.60	(47.13) 44.5 2.60	44.2 2.90	44.6 2.50	44.5 2.60	S line I"
	44.3 2.80	44.3 2.80	43.9 3.20	44.0 3.10	44.0 3.10	
	43.7 3.40	43.7 3.40	43.7 3.40	43.9 3.20	43.7 3.40	
	43.4 3.70	43.4 3.70	42.8 4.30	43.2 3.90	42.9 4.20	

52.79
4.60
57.39
7.36
50.04

45.23 BM
1.90
47.13

13th Street - Cross Section

Stat	East	Cent	Centre	Cent	West	
	43.0 4.10	43.1 4.00	42.6 4.50	42.7 4.40	42.7 4.40	
	42.4 4.70	42.4 4.70	42.1 5.00	42.3 4.80	42.1 5.00	
	42.1 5.00	42.0 5.10	41.7 5.40	41.7 5.40	41.4 5.70	
	41.6 5.50	41.5 5.60	41.1 6.00	40.9 6.20	40.9 6.20	
	41.2 5.90	40.9 6.20	40.8 6.30	40.5 6.60	40.5 6.60	
	40.6 6.50	40.6 6.50	40.2 6.90	39.5 7.60	39.5 7.60	
	40.4 6.70	40.4 6.70	39.5 7.60	39.0 8.10	39.0 8.10	
	39.7 7.40	38.9 8.20	38.7 8.40	38.3 8.80	38.4 8.70	
3+00	38.4 8.70	38.1 9.00	37.6 9.50	37.0 10.10	37.0 10.10	N line J.
graded 0+0	33.0 2.70	33.0 2.70	(35.70) 33.7 2.00	34.2 1.50	34.3 1.40	S line J.
	30.4 5.30	30.7 5.00	31.1 4.60	32.0 3.70	32.4 3.30	
	26.9 8.80	27.7 8.00	28.4 7.30	29.3 6.40	30.8 4.90	
	24.2 11.50	24.6 11.10	26.3 9.40	28.5 7.20	28.5 7.20	
	21.7 14.00	21.9 13.80	23.2 12.50	25.4 10.30	27.0 8.70	
	19.3 5.20	19.3 5.20	(2448) 20.2 4.30	21.7 2.80	23.4 1.10	
	17.9 6.60	17.7 6.80	18.2 6.30	19.7 4.80	21.0 3.50	
	16.5 8.00	16.3 8.20	16.8 7.70	18.0 6.50	19.4 5.10	
	15.3 9.20	15.3 9.20	15.6 8.90	16.7 7.80	17.3 7.20	
	14.2 10.30	14.2 10.30	14.3 10.20	15.0 9.50	15.5 9.00	

35.70
2.15
33.55

47.13
12
35.13
0.57
35.70
11.78
23.92
0.56
24.48

15th Street

51.5
36
47.9

Stat	East	Cent	Centr	Cent	West	
	13.2	13.3	13.3	13.5	13.9	
	11.30	11.20	11.20	11.00	10.60	
	12.7	12.5	12.3	12.2	12.8	
	11.80	12.00	12.20	12.30	11.70	
	12.1	11.9	11.9	12.2	12.2	
	12.40	12.60	12.60	12.30	12.30	N line K

Thirteenth Bet H. I. Sts

	West	Curb	Gutter	Centr (51.46)	Gutter	Curb	East	
0+0	48.50 / 3.00	48.60 / 2.90	47.80 / 3.70	48.60 / 2.90	48.00 / 3.50	48.60 / 2.90	48.80 / 2.70	S line H.
25	48.20 / 3.30	48.20 / 3.30	47.40 / 4.00	48.00 / 3.50	47.60 / 3.90	48.30 / 3.20	49.00 / 2.50	
50	48.20 / 3.30	47.90 / 3.60	47.20 / 4.30	47.60 / 3.90	47.10 / 4.40	47.80 / 3.70	48.10 / 3.40	
75	47.60 / 3.90	47.40 / 4.10	46.80 / 4.70	47.40 / 4.10	46.70 / 4.80	47.10 / 4.40	47.70 / 3.80	
1+00	47.20 / 4.30	47.10 / 4.40	46.40 / 5.10	46.80 / 4.70	46.20 / 5.30	46.80 / 4.70	47.10 / 4.40	
25	46.80 / 4.70	46.70 / 4.80	46.10 / 5.40	46.50 / 5.00	45.80 / 5.70	46.40 / 5.10	46.60 / 4.90	
50	46.30 / 5.20	46.40 / 5.10	45.70 / 5.80	46.10 / 5.40	45.50 / 6.00	46.10 / 5.40	46.20 / 5.30	
75	45.80 / 5.70	46.00 / 5.50	45.30 / 6.20	45.90 / 5.60	45.30 / 6.20	45.60 / 5.90	45.70 / 5.80	
2+00	45.80 / 5.70	45.80 / 5.70	45.20 / 6.30	45.50 / 6.00	44.70 / 6.80	45.00 / 6.50	45.20 / 6.30	
25	45.80 / 5.70	45.50 / 6.00	44.80 / 6.70	45.20 / 6.30	44.30 / 7.20	44.70 / 6.80	44.90 / 6.60	
50	45.50 / 6.00	45.30 / 6.20	44.40 / 7.10	44.80 / 6.70	43.70 / 7.80	44.30 / 7.20	44.40 / 7.10	
75	45.30 / 6.20	45.10 / 6.40	44.20 / 7.30	44.40 / 7.10	43.20 / 8.30	43.80 / 7.70	44.00 / 7.50	
3+00	44.80 / 6.70	44.60 / 6.90	44.00 / 7.50	44.10 / 7.40	43.20 / 8.30	43.60 / 7.90	43.60 / 7.90	I. N line I

50.06 BM
1.40
51.46

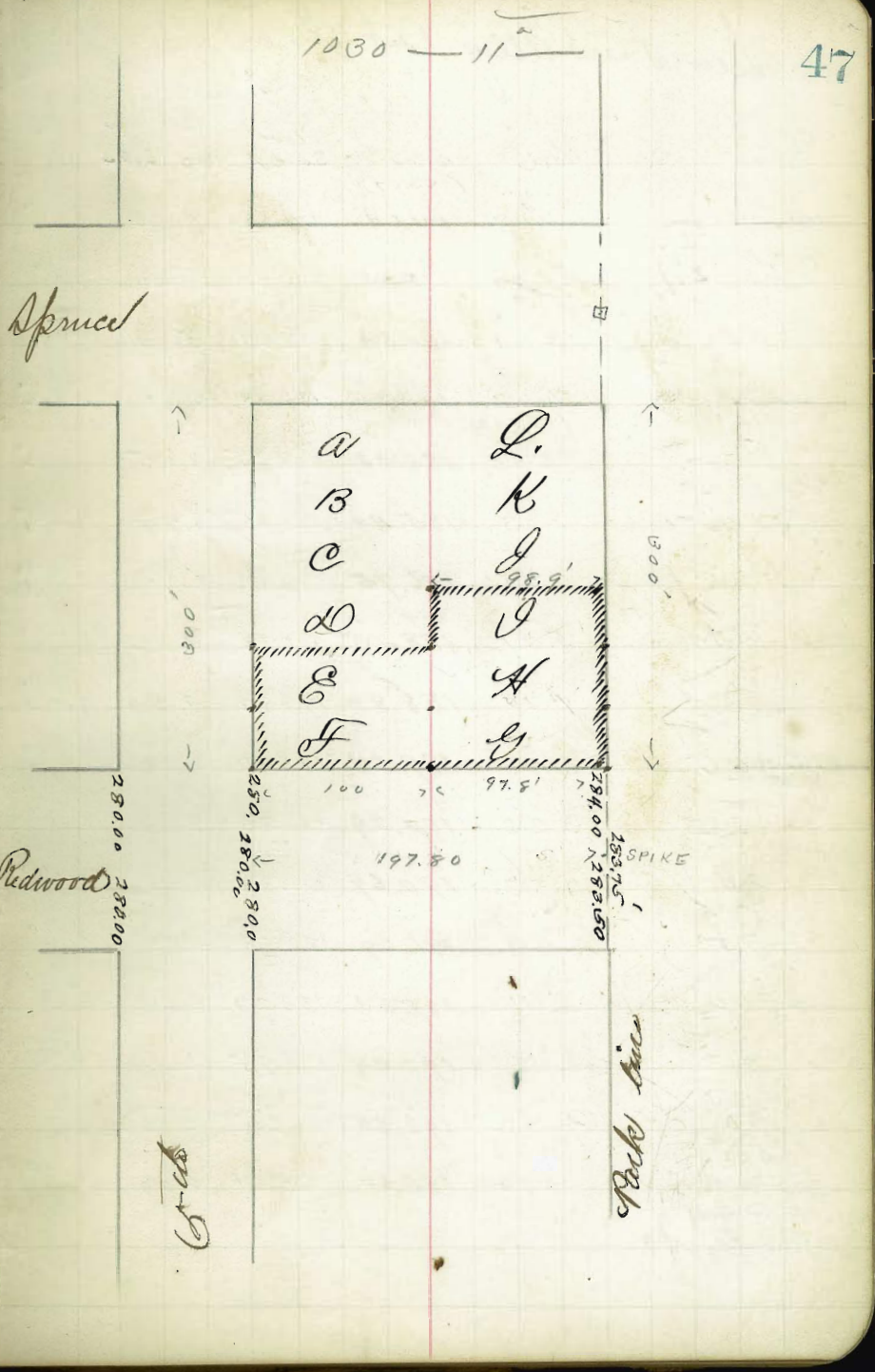
B.M. 282.09
320

285.29 285.29 285.29 285.29
280 283.75 284
5.29 1.54 1.29

282.09
3.16

285.24 285.24 285.24
280.1 283.75 284
5.24 1.49 1.24

340



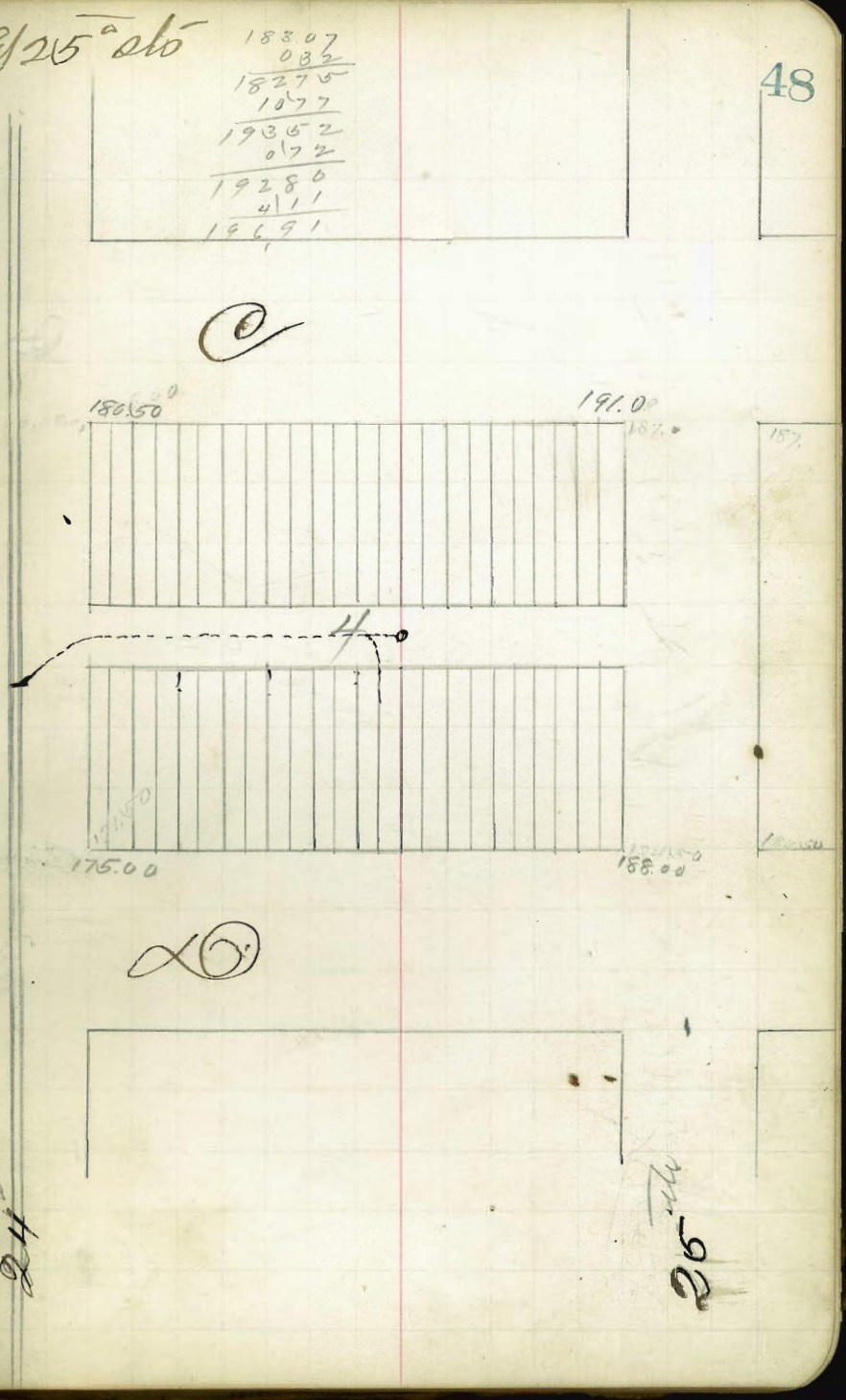
Sewer in Alley Bet C. D St. E/24 E/25th sts

178.38 B.M
4.69
(183.07)

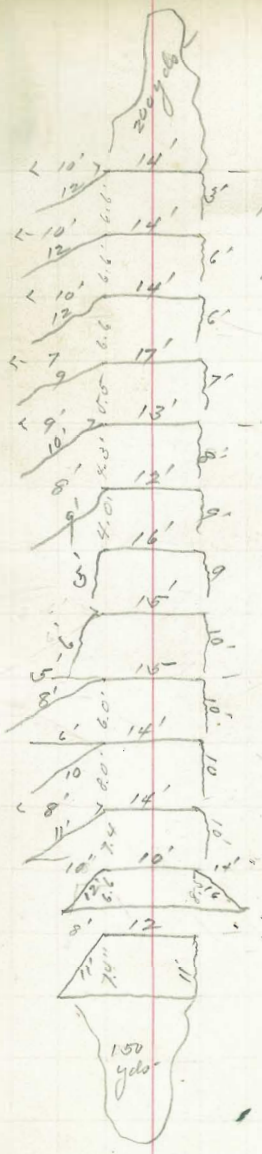
Stat	Rod	Elev (183.07)	Elev Sewer	Cut from top Spike	' "
on top Y	on Y' 11.43	171.64	171.00	0.00	0' 0"
Property line 35 ft to prop 0+0	4.08	178.99	175.00	3.99	4' 0"
25	2.24	180.83	175.69	5.14	5' 1 3/4"
50	0.32 (193.52)	182.75	176.38	6.37	6" 4 1/2"
75	9.00	184.52	177.07	7.45	7' 5 1/2"
1+00	8.03	185.49	177.75	7.74	7' 8 3/4"
25	6.77	186.75	178.44	8.31	8' 3 3/4"
50	5.37	188.15	179.13	9.02	9' 1/4"
75	4.70	188.82	179.82	9.00	9' 0"
2+00	3.98	189.54	180.51	9.03	9' 1/4"
25	3.23	190.29	181.20	9.09	9' 1"
50	2.83	190.69	181.89	8.80	8' 9 1/2"
75	2.43	191.09	182.58	8.51	8' 6"
3+00	2.01	191.51	183.27	8.24	8' 3'
25	1.08	192.44	183.95	8.49	8' 6"
Flush Tank 50	0.72 (196.91)	192.80	184.64	8.16	
3+86 bottom of Sewer under wall of house	11.30	185.61	185.61	0.00	

chK.

183.07
0.32
18275
10.77
19352
0.72
19280
4.11
196.91



Borrow-in H.A. Grading



area	cu. yds.
100.2	102.5
121.2	112.2
121.2	114.1
125.4	104.0
99.3	89.4
94.0	95.3
112.0	107.4
120.0	118.0
135.0	131.9
150.0	139.5
151.4	147.8
168.0	154.0
140.0	1416.1
	150.0
	200.0
	1766.1

10 / 4.7	5 / 0.0	13 / 1.3		
11 / 5.4	7 / 0.0	7 / 0.0	14 / 5.2	
9 / 6.	8. / 00	6 / 0.0	14 / 4.4	
	11 / 7.4	5 / 00	19 / 8.1	
15 / 8.4	7 / 0.0	4 / 0.0	14 / 5	20 / 8.1
12 / 8	6 / 00	5 / 90	14 / 5.4	
14 / 9.4	8 / 0.0	3 / 0.0	4 / 3.3	
14 / 9.4	7 / 0.0	7 / 0.0	8 / 5.6	
13 / 10.5	8 / 0.0	5 / 0.0	8 / 6.6	
14 / 11.4	7 / 0.0	5 / 0.0	10 / 6.0	
11 / 11.0	9 / 0.0	5 / 00	12 / 7.4	
10 / 11.4	9 / 0.0	5 / 0.0	13 / 8.00	
7 / 11.4	7 / 00	4 / 00	14 / 8.10	

Coff

Columbia St

Stat	East	Cent	Cente	Cent	West
	6.4	5.8	(10.1) 5.9	5.5	6.1
0.0	3.70	4.80	5.00	4.60	4.04
	7.0	7.0	7.3	6.1	6.3
50	3.10	3.10	2.80	4.00	3.80
	7.6	7.5	7.5	7.4	7.0
1+00	2.50	2.60	2.60	2.70	3.10
	8.3	8.2	8.0	7.7	7.8
50	1.80	1.90	2.10	2.40	2.30
	9.6	9.7	(14.5) 8.8	8.6	8.4
2+0	4.90	4.80	5.70	5.90	6.10
	10.1	10.0	9.7	9.1	9.0
50	4.40	4.50	4.80	5.40	5.50
	10.7	10.5	10.3	9.9	9.9
3+00	3.80	4.00	4.20	4.60	4.60
25					
50					
75					
3+00					
by 0.0					
25					
50					
75					
1+0					
25					

A to F Bonnor for H St Grade

51

4.06 B.m
6.04
10.10
2.03
8.07
6.04
14.67

n line H

S line G.

Union St bet F & G. Borrow for G. St Grade

20.77 B.M.
3.50
24.27

18.09
2.26
20.35
6.35
14.00
3.39
17.39

Stat	East	Curb	Center (24.27)	Curb	West
+14		4.60 19.7	3.80 20.5	4.80 19.5	
0+0		19.6 4.70	20.5 3.80	19.6 4.70	
50		19.5 4.80	19.9 4.40	19.4 4.90	
1+00		18.7 5.60	19.3 5.00	18.7 5.60	
50		18.2 6.10	18.8 5.50	18.0 6.30	
2+00		17.6 6.70	18.2 6.10	17.7 6.60	
50		17.3 7.00	17.6 6.70	17.2 7.10	
3+00		16.5 7.80	17.0 7.30	16.5 7.80	

S line F

N line G.

Columbia Bet F & G.

0+0		13.6 3.80	(17.39) 13.7 3.70	13.1 4.30	
50		13.4 4.00	13.1 4.30	12.9 4.50	
1+00		13.1 4.30	12.8 4.60	12.5 4.90	
50		12.4 5.00	12.4 5.00	12.4 5.00	
2+00		12.1 5.30	12.1 5.30	11.8 5.60	
50		11.6 5.80	11.7 5.70	11.4 6.00	
3+00		10.9 6.50	11.2 6.20	11.1 6.30	

Munroe St Bet E - F

(27.17)

Stat	West	Cent	Cent	Cent	East
+14	~~7.00~~	20.2	21.0	20.6	
		7.00	6.20	6.20	
0+0		20.4	21.0	20.6	
		6.80	6.20	6.60	
		21.2	21.5	21.3	
50		6.00	5.70	5.90	
		21.6	22.0	21.9	
1+00		5.60	5.20	5.30	
		22.3	22.9	22.7	
50		4.90	4.30	4.50	
		23.0	23.6	23.3	
2+00		4.20	3.60	3.90	
		23.5	24.1	24.0	
50		3.70	3.10	3.20	
		24.2	24.9	24.7	
3+00		3.00	2.30	2.50	

Borrow for H. St Grading

20.77 B.M
6.40
27.17

Borrow for H St Grading

Stat	~~West~~ ~~North~~ North	Curb	Center 34.18	Curb	~~East~~ ~~South~~ South
0+0	taken in C st Notes				
+12	28.2 6.00	28.7 5.50	28.7 5.50	28.2 6.00	27.9 6.30
+37.5	29.2 5.00	29.5 4.70	29.3 4.90	29.0 5.20	28.8 5.40
+63	28.9 5.30	29.3 4.90	29.3 4.90	29.0 5.20	28.8 5.40
0+0	taken in C st Notes				

	North	Curb	Center 29.90	Curb	South
0+0	taken in C st notes				
+12	24.3 5.60	24.4 5.50	24.6 5.30	24.3 5.60	24.1 5.80
+37.5	24.9 5.00	24.7 5.20	24.6 5.30	24.4 5.50	24.3 5.60
+~~39~~ 63.	24.0 5.90	24.2 5.70	24.4 5.50	24.1 5.80	23.8 6.10
0+0	taken in C st Notes				

Union St Intersection of C—

28.78 B.M
5.40
34.18
8.78
25.40
4.50
29.90
6.00
23.90 Rod on grade peg at N.W. Cor State - C as check -

Cross section of Intersection State - C —

State St Bet G. & H.

Stat	West	Cut	Cut	Cut	East
		7.9	(6.35) 8.8	8.5	
0+0.		8.40	7.60	7.80	
		8.9	9.8	9.7	
50		7.40	6.60	6.60	
		9.9	10.6	10.4	
1+00		6.40	5.70	5.90	
		10.2	11.3	11.1	
50		6.10	5.00	5.20	
		11.3	12.2	12.0	
2+00		5.00	4.10	4.30	
		12.5	13.0	12.5	
50		3.80	3.30	3.50	
		13.3	14.1	13.3	
3+00		3.00	2.20	3.00	

7th Street Bet F & G.

Stat	West	cut	Cut	Cut	East
		40.2	(44.14) 40.7	40.4	
0 0		3.90	3.40	3.70	
		39.9	40.4	40.2	
50		4.20	3.70	3.90	
		39.3	39.8	39.3	
1+00		4.80	4.30	4.80	
		38.4	38.7	38.4	
50		5.70	5.40	5.70	
		37.5	37.8	37.5	
2+00		6.60	6.30	6.60	
		36.4	37.1	36.8	
50		7.70	7.00	7.30	
		35.6	36.5	36.1	
3+00		8.50	7.60	8.00	

Borrow for H st Grading

10,136 B M
622
1636

North line H.

Borrow for H. st

43.14 B M
44.14

South line F st

North line G. st

Stat

14TH ST

Stat	East	curb	centre	curb	West	
0+0	117.5 0.00	115.8 1.70	(117.54) 112.8 4.70	110.9 6.60	110.1 7.40	N line B.
+14	116.8 0.70	115.3 2.20	112.0 5.50	110.1 7.40	109.5 8.00	
+40	114.8 2.70	113.3 4.20	110.3 7.20	108.9 8.60	107.4 10.10	
+66	112.0 5.50	111.0 6.50	108.9 8.60	106.8 10.70	105.4 12.10	
0+0	111.0 6.50	110.0 7.50	107.9 9.60	106.2 11.30	104.8 12.70	S line B.
25	109.7 0.40	108.8 1.30	(110.08) 105.9 4.10	104.4 5.70	103.2 6.90	
50	107.5 2.60	106.8 3.30	104.6 5.50	102.4 7.70	101.4 8.70	
70	106.1 4.00	104.9 5.20	103.6 6.50	100.9 9.20	99.3 10.80	
1+00	104.6 5.50	103.7 6.40	101.5 8.60	98.7 11.40	96.7 13.40	
25	103.0 0.00	101.9 1.10	(103.05) 100.0 3.00	97.4 5.60	94.7 8.30	
50	100.8 2.20	99.7 3.30	97.1 5.90	94.4 8.60	91.3 11.70	
75	98.6 4.40	97.1 5.90	95.0 8.00	90.0 13.00	89.4 13.60	
2+00	96.4 6.60	95.5 7.50	91.8 11.20	87.0 16.00	85.7 17.30	
25	94.4 0.60	93.1 1.90	(95.00) 88.7 6.30	83.7 1.20	(84.86) 80.8 4.10	
50	91.5 3.50	91.0 4.00	85.0 10.00	80.9 4.00	78.1 6.80	
75	89.0 6.00	88.5 6.50	83.4 11.60	78.1 6.80	75.5 9.40	
3+00	86.9 8.10	87.3 7.70	81.5 13.50	76.5 8.40	73.9 11.00	N line C
0+0	78.6 0.00	75.2 3.40	(78.65) 74.6 4.00	70.3 8.30	70.5 8.10	S line C
25	76.5 2.10	73.3 5.30	69.6 9.00	64.6 14.00	64.6 14.00	

108.11
943
11754
808
10946
062
11008
773
10235
070
10305
856
9449
051
9500
1124
8376
110
8486
985
7501
364
7865

14TH ST

Stat	East	Cent	Center	Cent	West	
50	73.9 4.70	71.0 7.60	67.1 11.50	63.6 15.00	63.6 15.00	
75	70.8 0.70	68.3 3.20	(71.46) 65.5 6.00	62.4 9.10	62.7 8.80	
1+00	69.0 2.50	67.3 4.20	64.2 7.30	62.1 9.40	60.8 9.70	
25	67.5 4.00	65.7 5.80	62.9 8.60	61.5 10.00	61.0 10.50	
50	65.5 6.00	63.6 7.90	61.3 10.20	60.4 11.10	60.1 11.40	
75	62.6 8.90	61.2 10.30	59.8 11.70	58.8 12.70	58.8 12.70	
2+00	60.1 2.40	59.5 3.00	(62.48) 58.2 4.30	57.8 4.70	58.1 4.40	
25	59.6 2.90	57.8 4.70	57.5 5.00	57.5 5.00	59.2 3.30	
50	58.2 4.30	57.2 5.30	57.3 5.20	57.4 5.10	59.0 3.50	
75	58.4 4.10	57.0 5.50	57.2 5.30	57.3 5.20	58.8 3.70	
3+00	57.8 4.70	57.6 4.90	57.5 5.00	57.4 5.10	57.8 4.70	N line D.
0+0	54.7 5.00	55.1 4.60	(59.75) 55.9 3.80	56.4 3.30	57.1 2.60	S line D
25	52.7 7.00	54.0 5.70	56.1 3.60	57.5 2.20	57.6 2.10	
50	52.7 7.50	54.2 5.50	55.4 4.30	56.9 2.80	57.2 2.50	
75	52.3 7.40	54.0 5.70	56.2 3.50	56.7 3.00	57.1 2.60	
1+00	51.7 8.00	53.6 6.10	54.5 5.20	55.0 4.70	55.6 4.10	
25	50.2 9.50	51.5 8.20	52.8 6.90	51.8 7.90	50.7 9.00	
50	49.7 10.00	51.2 8.50	52.4 7.30	51.5 8.20	48.7 11.00	
75	49.3 10.40	50.7 9.00	52.0 7.70	51.1 8.60	48.7 11.00	

78.65
790
7075
071
7146
1197
5949
299
6248
495
5753 BM Cor D
222
5975

51.51 BM
60B
57.54

14TH ST

Stat	East	cent	Cente	cent	West	
	49.2	50.3	51.7	51.8	51.4	
2+00	10.50	9.40	8.00	7.90	8.30	
	48.7	50.0	51.4	51.6	51.5	
25	11.00	9.70	8.30	8.10	8.20	
	47.7	49.7	51.3	51.6	51.1	
50	12.00	10.00	8.40	8.10	8.60	
	47.0	50.0	51.7	51.4	51.6	
75	12.70	9.70	8.00	8.30	8.10	
	46.7	50.0	51.9	52.6	52.4	
3+00	13.00	9.70	7.80	7.10	7.30	N line E
	50.3	50.5	(57.54)	52.8	52.1	
3+00	7.20	7.08	5.40	5.00	5.40	N line E
	49.9	50.2	52.1	52.7	51.6	
14	7.60	7.30	5.40	4.80	5.90	
	50.2	51.1	52.2	52.8	52.1	
40	7.30	6.40	5.30	4.70	5.40	
	49.9	50.5	52.0	52.9	52.2	
66	7.60	7.00	5.20	4.60	5.30	
	49.2	50.6	52.0	53.9	54.3	
0+0	8.30	6.90	5.50	3.60	3.20	S line E
	46.9	48.3	53.0	54.0	54.7	
	10.60	9.30	4.50	3.50	2.80	
	47.2	48.4	52.5	54.2	54.8	
	10.30	9.10	5.00	3.30	2.70	
	47.7	48.4	51.9	53.4	54.1	
	9.80	9.10	5.60	4.10	3.40	
	47.8	48.6	51.4	53.1	53.6	
	9.70	8.90	6.10	4.40	3.90	
	47.9	48.9	51.3	52.7	52.8	
	9.60	8.60	6.20	4.60	4.70	
	47.2	49.0	50.8	51.4	52.1	
	10.30	8.60	6.70	6.10	5.40	
	47.9	49.1	50.3	51.3	52.2	
	9.60	8.40	7.20	6.20	5.30	
	49.1	49.8	50.8	51.2	51.8	
	8.40	7.70	6.70	6.30	5.70	
	48.7	49.3	50.8	51.0	51.7	
	8.50	8.20	6.70	6.50	5.80	

14° St

Stat	East	Cent	Center	Cent	West
	48.7	50.4	51.2	50.8	50.9
	8.80	7.10	6.30	6.70	6.60
	48.8	49.1	50.4	50.3	50.2
	8.70	8.40	7.10	7.20	7.30
	48.7	49.3	49.8	50.0	50.0
	8.80	8.20	7.70	7.50	7.50
	48.1	47.6	(5676) 49.2	49.8	50.6
	8.70	9.20	7.70	7.00	6.20
	49.1	49.5	50.3	52.1	52.8
	7.70	7.30	6.50	4.70	4.00
	50.1	50.7	52.3	53.8	54.2
	6.70	6.10	4.50	3.00	2.60
	50.4	50.7	52.6	53.9	54.7
	6.40	6.10	4.20	2.90	2.10
	50.1	50.4	51.8	53.1	53.8
	6.70	6.40	5.00	3.70	3.00
	49.8	50.1	50.6	52.0	52.8
	7.00	6.70	6.20	4.80	4.00
	49.0	49.6	50.7	51.8	51.9
	7.80	7.20	6.10	5.00	4.90
	48.9	49.5	49.8	50.9	51.3
	7.90	7.30	7.00	5.90	5.50
	49.1	49.6	50.1	50.3	50.8
	7.70	7.20	6.70	6.50	6.00
	48.2	48.6	(5485) 50.0	50.3	50.1
	6.60	6.20	4.80	4.50	4.70
	47.8	48.3	48.8	49.8	50.0
	7.00	6.50	6.00	5.00	4.80
	47.7	48.6	48.4	49.6	50.0
	7.10	6.20	6.40	5.20	4.80
	47.6	48.4	47.8	48.3	49.8
	7.20	6.40	7.00	6.50	5.00
	44.5	45.4	46.0	46.7	47.1
	10.30	9.40	8.80	8.10	7.70
	45.3	46.5	47.8	48.8	50.5
	9.50	8.30	7.00	6.00	4.30
	46.7	47.9	50.3	51.1	52.0
	8.10	6.90	4.50	3.70	2.80

51.51 BM
525
5676
660
5016
469
5485
768
47.17

N line F
S line F F strut Estimated in F st Estimate

N line G.
S line G. graded

14th Sheet

Stat	East	Cent	Centr	Cent	West
	47.4	48.9	51.0	51.3	52.1
	7.40	5.90	3.80	3.50	2.70
	48.5	49.7	51.4	51.6	51.9
	6.30	5.10	3.40	3.20	2.90
	48.5	49.5	51.0	51.3	51.4
	6.30	5.30	3.80	3.50	3.40
	48.3	49.1	50.4	50.9	51.0
	6.50	5.70	4.40	3.90	3.80
	48.0	49.0	50.0	50.1	50.8
	6.80	5.80	4.80	4.70	4.00
	48.0	48.4	49.7	49.9	50.2
	6.80	6.40	5.10	4.90	4.60
	47.8	48.5	49.0	49.5	50.2
	7.00	6.30	5.80	5.30	4.60
	47.8	48.2	48.7	49.6	50.3
	7.00	6.60	6.10	5.20	4.50
	47.1	47.6	48.7	49.6	50.2
	7.70	7.20	6.10	5.20	4.60
	46.6	46.4	47.8	49.1	50.2
	8.20	8.40	7.00	5.70	4.60
	44.8	45.6	(48.14) 46.6	46.8	46.9
	3.30	2.50	1.50	1.30	1.20
	45.1	45.7	46.6	46.6	46.9
	3.00	2.40	1.50	1.50	1.20
	45.1	45.1	46.4	46.4	46.9
	3.00	3.00	1.70	1.70	1.20
	44.7	44.8	45.3	46.0	47.1
	3.40	3.30	2.80	2.10	1.00
	43.7	44.2	44.8	45.5	46.1
	4.40	3.90	3.30	2.60	2.00
	43.4	43.5	44.3	44.9	45.8
	4.70	4.60	3.80	3.20	2.30
	43.2	43.2	43.9	44.3	44.7
	4.90	4.90	4.20	3.80	3.40
	43.3	43.0	43.1	43.4	44.0
	4.80	5.10	5.00	4.70	4.10
	43.3	43.0	42.7	42.6	43.5
	4.80	5.40	5.40	5.50	4.60

47.19 BM
.095
48.14

61

N line H.

S line H.

147+4

Stat	East	Cent	Center	Cent	West
	42.1	41.5	41.0	40.8	41.7
	6.00	6.60	7.10	7.30	6.40
	39.5	39.0	39.1	39.2	39.7
	8.60	9.10	9.00	8.90	8.40
	37.9	36.9	36.8	36.9	35.1
	10.20	11.20	11.30	11.20	10.00
	35.8	35.3	(40.8) 38.3	35.1	36.3
	4.40	4.90	4.90	4.60	3.90

N limit

48.14
1.65
36.49
3.7
40.19

"F" Sheet - from 1st to State

Stat	South	Gutter	Center	Gutter	North
		18.20	(28.42)	16.90	
0+0		7.20	17.20	6.50	
			6.20		
50		16.90	17.80	17.30	
		6.50	5.60	6.10	
1+00		17.20	18.40	17.80	
		6.20	5.00	5.60	
50		17.50	18.40	17.90	
		5.90	5.00	5.50	
2+00		18.10	18.80	18.40	
		5.30	4.60	5.00	
12.	18.00	18.10	18.90	18.80	18.80
	5.40	5.30	4.50	4.60	4.60
+37.5	18.60	18.60	18.90	19.10	19.60
	4.80	4.90	4.50	4.30	3.80
+63.00	18.10	18.40	19.10	18.90	19.60
	5.30	5.00	4.30	4.50	3.80
		18.40	18.90	18.70	
0+0		5.00	4.50	4.70	
		18.20	19.20	18.60	
		5.20	4.20	4.80	
		18.40	19.40	18.90	
		5.00	4.00	4.50	
		18.70	19.60	19.10	
		4.70	3.80	4.30	
		19.10	19.70	19.30	
		4.30	3.70	4.10	
	19.00	19.20	19.90	19.90	19.80
	4.40	4.20	3.50	3.50	3.60
	19.50	19.20	(23.91)	20.20	20.20
	+0.00	+18.70	20.60	+18.50	+17.70
	4.40	4.70	3.40	3.70	3.70
	18.90	18.90	19.80	19.30	19.40
	+18.40	+18.40	+19.30	+18.80	+18.50
	5.00	5.00	4.80	4.50	4.50
		19.00	19.60	19.20	
		+18.60	+19.10	+18.70	
		4.50	4.30	4.70	
		18.30	19.20	18.80	
		+17.80	+18.70	+18.30	
		5.60	4.70	5.10	
		17.90	18.50	18.00	
		+17.40	+18.00	+17.50	
		6.00	5.40	5.90	

Second Cross Section for Hat Grading

20.12
3.40
23.42
3.86
19.57
4.34
23.91

N. line 1st

E line Front

N. line Front

E line Mirror

N line Mirror

F sheet second X Sec

Stat	South	Gutter	Center	Gutter	North
		16.90	17.70	16.90	
		7.00	6.20	7.00	
		16.50	16.70	16.30	
		7.40	7.20	7.60	
		16.50	16.80	16.30	
		7.40	7.10	7.60	
		16.70	16.50	16.00	
		7.20	7.40	7.90	
		15.80	16.20	15.90	
		8.10	7.70	8.00	
		15.80	16.20	15.70	
		8.10	7.70	8.20	

Front St X Sec Second

	East	Gutter	(30.07)	Gutter	West
0+0		26.8	27.3	26.2	
		3.30	2.80	3.90	
		25.4	25.7	25.2	
		4.70	4.40	4.90	
		24.0	24.6	23.7	
		6.10	5.50	6.40	
		22.2	22.9	22.3	
		7.90	7.20	7.80	
		20.9	21.5	21.0	
		9.20	8.60	9.10	
		19.5	20.4	20.4	
		10.60	9.70	9.70	
		18.8	19.5	19.5	
		11.30	10.60	10.60	

				Curb	West
		17.9	(23.34) 18.0	17.9	18.4 18.8
		5.40	4.80	5.40	4.90 4.50
		17.6	18.3	17.6	18.1 18.4
		5.70	5.00	5.70	5.20 4.90
		17.7	18.0	17.2	18.0 18.1
		5.60	5.30	6.10	5.30 5.20
		17.7	18.3	17.5	18.2 18.1
		5.60	5.00	5.80	5.10 5.20
		17.4	18.2	17.5	17.6 17.7
		5.90	5.10	5.80	5.70 5.60

23.91
5.75
18.16

E line State

2.51
27.56
30.07
10.06
20.01
3.33
23.34

center State

West line State

S line Est

W line F St

S line F

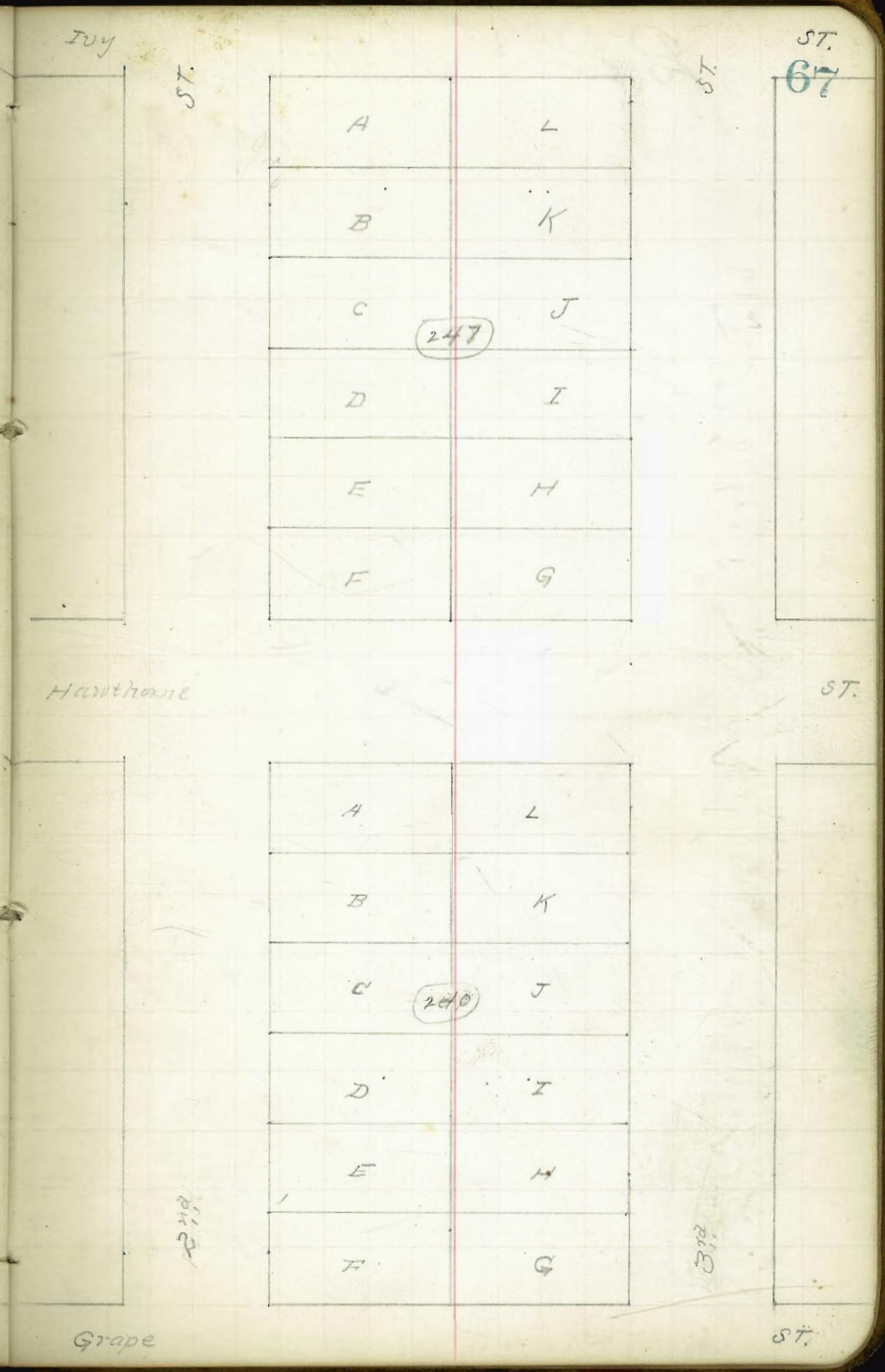
Front X Sec Second

Stat	East	Gutter	Center	Gutter	West	
		17.3	17.9	17.2		
		6.00	5.40	6.10		
		17.1	17.9	17.0		
		6.20	5.40	6.30		N line G. st.

Union St X Sec Second

Stat	East	Gutter	Center	Gutter	West	
			(24.10)			
		16.1	16.6	16.3		
		8.00	7.50	7.80		N line G.
		16.5	16.8	16.5		
		7.60	7.30	7.60		
		16.6	17.5	16.5		
		7.50	6.60	7.60		
		17.4	17.8	17.1		
		6.70	6.30	7.00		
		18.1	18.4	17.7		
		6.00	5.70	6.40		
		18.8	19.0	18.4		
		5.30	5.10	5.70		S line F
		19.2	19.6	18.8		
		4.90	4.50	5.30		S line F
		19.9	20.2	19.4		
		4.20	4.00	4.70		N line F
		20.4	20.6	20.2		
		3.70	3.50	3.90		
		20.7	21.3	20.8		
		3.40	2.80	3.30		
		21.6	21.8	21.4		
		2.50	2.30	2.70		
		22.3	22.7	22.1		
		1.80	1.40	2.00		
			(28.34)			
		23.3	23.4	22.5		
		5.00	4.90	5.80		
		24.3	24.4	23.6		
		4.00	3.90	4.70		S line E.

20.77 BM
3.33
24.10
1.63
22.47
5.87
28.34


Ivy
ST.
ST.
ST.
A
L
B
K
C
J
247
D
I
E
H
F
G
Hawthorne
ST.
A
L
B
K
C
240
J
D
I
E
H
F
G
Grape
ST.

22nd Street Grades

Mch 19th 1897

Setting Cut - Fill

8.22
140.99 B.M

149.21	149.21	149.21	149.21	149.21	149.21
141.92	142.83	143.75	140.08	141.16	142.24
7.29	6.38	5.46	9.13	8.05	6.97
4.30	2.70	1.00	13.20	8.60	6.80
3.00	3.68	4.46	-4.10	-.60	.17

149.21	152.04	152.04	152.04	152.04	152.04	152.04
0.69	144.67	145.58	146.50	143.32	144.40	145.50
148.52	7.37	6.46	5.54	8.72	7.64	6.54
3.52	1.80	1.00	1.90	8.2	7.60	8.40
152.04	5.57	5.46	3.64	.50		6.5
						-1.9

140.99
7.85

148.84	148.84	148.84				
141.00	7.84	7.84	7.84	7.84	7.84	7.84
7.84	3.70	4.20	4.40	3.40	1.50	1.40
	4.14	3.64	3.44	4.44	6.34	6.44

148.84	148.84	148.84	148.84	148.84	148.84	148.84
138.00	138.17	138.33	138.50	138.67	138.83	139.00
10.84	10.67	10.51	10.34	10.17	10.01	9.84
~~8.60~~	8.60	8.40	10	12.20	11.10	
~~2.24~~	2.09	2.11	.3	10.2	10	
				-2.00	1.10	
				12.60		
				10.2		
				2.4		

140.99
7.16

148.15	148.15	148.15	148.15	148.15	148.15
141.00	139.00	140.00	145.50	146.00	146.50
7.15	9.15	8.15	2.65	2.15	1.65

140.99
2.37

143.36	143.36	143.36	143.36	143.36	143.36
139.00	140.00	141.00	138.00	139.50	141.00
4.36	3.36	2.36	5.36	3.86	2.36

140.99 B.M
3.36

144.34	144.34	144.34	144.34
140.10	140	139.10	139.00
4.24	4.34	5.24	5.34

140.99 B.M	149.35	149.35	149.35	149.35
8.36	145.35	146.00	145.85	146.50
149.35	4.00	3.35	3.50	2.85
145.50				
3.85				

13.2
9.1
4.1

22nd St

68

141
34
144
139.85
4.55

B.

SPK ⊙ 20' → ⊡ ← 20' ⊙ SPK

	144.50	145.35	145.85	145.50	
-1.90	145.50	146.00	146.50	+3.60	
g	144.40	145.00	145.58	+5.50	
+0.50	143.32	144.00	144.67	+5.60	
+0.20	142.24	143.00	143.75	+4.50	
-0.60	141.16	142.00	142.83	+3.70	
-4.10	140.08	141.00	141.92	+3.00	
	139.00	140.00	141.00		
	138.00	139.10	140.10	140.00	

1.08 = 50'

0.19 = 50'

C

	138.00	139.10	140.10	140.00	
	139.00	140.00	141.00		
-1.10	138.83	139.92	141.00	+4.10	
-2.40	138.67	139.83	141.00	+3.60	
+0.30	138.50	139.75	141.00	+3.40	
+2.10	138.33	139.67	141.00	+4.40	
+2.20	138.17	139.58	141.00	+6.30	
~~+2.0~~	138.00	139.50	141.00	+6.40	
	137.00	138.35	139.85	140.00	

0.17 = 50'

⊡ ← 20' ⊙ spk

D

22ond Street

146.05
8.90
137.15 = B.M. N.W. Cor E-22-D

140.45 B.M.
9.05

149.50	149.50	149.50	149.50	149.50	149.50	149.50
136.50	136.75	137.00	137.25	137.50	137.75	138.00
13.00	12.75	12.50	12.25	12.00	11.75	11.50
14.70	14.00	14.10	12.00	11	10.60	10.4
13	12.75	12.50		1.00	1.15	1.10
1.70	1.25	1.60				

149.50	149.50	149.50	149.50	149.50	149.50	149.50	149.50
138.50	138.92	139.33	139.75	140.17	140.58	141.00	
11.00	10.58	10.17	9.75	9.33	8.92	8.50	
10.40	8.20	9.20	6.00	4.30	2.00	1.60	
.60	2.38	.97	3.75	5.03	6.92	6.90	

140.45 B.M.
5.60

146.05	146.05	146.05	146.05	146.05	146.05	146.05
136.50	136.83	137.16	137.50	137.83	138.16	138.50
9.55	9.22	8.89	8.55	8.22	7.89	7.55
10.10	9.20	8.00	8.40	8.20	7.20	6.00
9.50		.89	.15		.69	1.55
.60						

146.05	146.05	146.05	146.05	146.05	146.05	146.05
138.50	138.75	139.00	139.25	139.50	139.75	140.00
7.55	7.30	7.05	6.80	6.55	6.30	6.05
4.20	3.30	3.00	3.00	2.50	2.00	1.40
3.35	4.00	4.00	3.80	4.05	4.30	4.65

142.46 B.M.	144.06	144.06	144.06	144.06
1.60	141.00	139.50	136.50	138.50
144.06	3.06	4.56	7.56	5.56
138.00	144.06			
6.06	137.50			
	6.56			

143.22	143.22	143.22
136.50	137.50	138.50
6.72	5.72	4.72

Oct 5 1897
Order No - 937

140.63
2.34

142.97	142.97	142.97
138.75	139.00	139.25
4.22	3.97	3.72

Oct 27-97
Order No
140.63 B.M.
2.28

142.91	142.91	142.91
139.50	139.75	
3.41	3.16	

22ond St

138.00 — 141.00

138.55 B.M.
Dec 19-98 5.20
143.75 — 143.75
139.75 — 139.33
4.00 — 4.42
D"
Lot 4 Blk

143.75

+1.10	137.00 / 138.00	139.50	140.0 / 141.00	1	+6.90
+1.20	137.75	139.17	140.58	2	+6.90
+1.00	137.50	138.83	140.17	3	+5.00
grade	137.25	138.50	139.75	4	+3.70
-1.60	137.00	138.17	139.33	5	+1.00
-1.30	136.75	137.84	138.92	6	+2.30
-1.70	136.50	137.50	138.50		+0.60

0.25 = 50 — 300' — 0.417 = 50 — 136.60 — 137.60 — 138.50 — 143.25 — 148.00 — 152.75 — 157.50

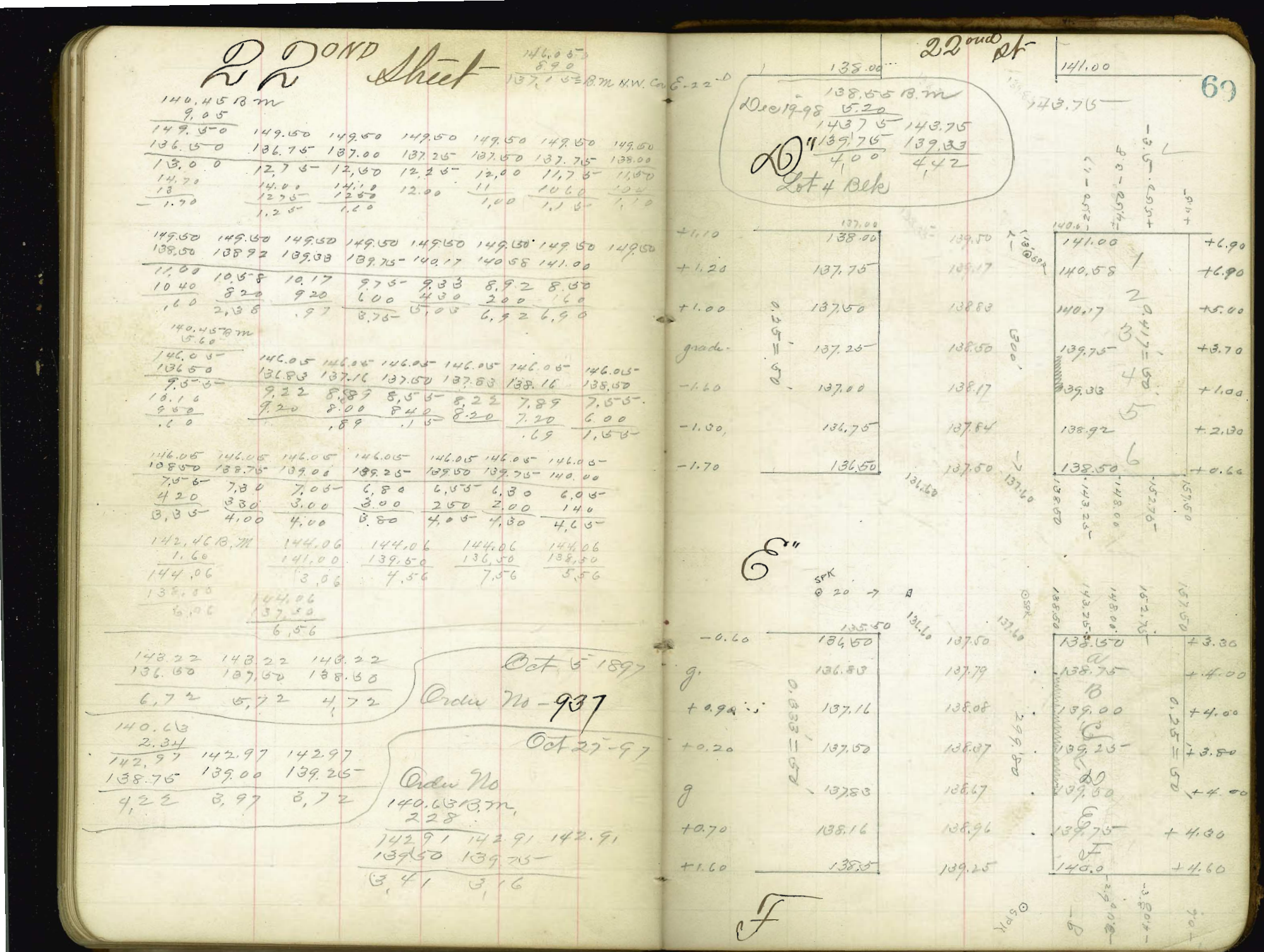
E"

SPK ⊙ 20 → B

-0.60	135.50 / 136.50	137.50	138.50	A	+3.30
g.	136.83	137.79	138.75	B	+4.00
+0.90	137.16	138.08	139.00	C	+4.00
+0.20	137.50	138.37	139.25	D	+3.80
g	137.83	138.67	139.50	E	+4.00
+0.70	138.16	138.96	139.75	F	+4.30
+1.60	138.5	139.25	140.0		+4.60

0.333 = 50 — 299.80 — 0.25 = 50 — 138.50 — 143.25 — 148.00 — 152.75 — 157.50

F



22ond Street

118.20
5.95

124.15	124.15	124.15	124.15	124.15	124.15	124.15
115.00	116.75	118.50	120.25	122.00	123.75	
9.15	7.40	5.65	3.90	2.15	.40	
9.00	690	600	470	320		
	.50	-.35	-0.80	-1.10		

124.15	124.15	124.15	124.15	124.15	124.15
116.00	117.91	119.82	121.73	123.64	1.97
8.15	6.24	4.33	2.42	.51	122.18
740	550	390	250	0.90	11.56
+.75	+.74	+.40	-.10	-.40	133.74

133.74	133.74	133.74	133.74	133.74	133.74
125.55	127.50	123.75	125.50	130.50	132.08
8.19	6.24	9.99	8.24	3.24	1.66
81	660	1070	830	320	
		-70	-10	g	

133.74 133.74
128.50 130.16
5.24 3.58
4.80 2.30
.40 1.28

133.74
085
132.89
11.18

144.07	144.07	144.07	144.07	144.07	144.07
132.08	133.66	135.24	136.82	138.40	140.00
11.99	10.41	8.83	7.25	5.67	4.07
990	560	39	170	0.90	130
+2.09	+4.81	4.9	5.55	4.77	2.77

144.07	144.07	144.07	144.07	144.07	144.07
138.50	136.81	135.15	133.50	131.82	130.16
5.57	7.26	8.92	10.57	12.25	13.91
470	620	810	950	1130	
.87	1.06	.82	1.07	+.95	

137.96
0.79
137.17
6.05

7.13
130.83 B.M.

137.96	137.96	137.96
128.50	129.50	130.50
9.46	8.46	7.46

143.22	143.22	143.22
138.50	139.25	140.00
4.72	3.97	3.22

130.83 B.M.
0.00

130.83	130.83	130.83
125.50	126.50	127.50
5.33	4.33	3.33

118.20 B.M.
243

120.63	120.63	120.63
115.00	115.50	116.00
5.63	5.13	4.63

see P 79

Order No 980 — 130.83 B.M. 8.34

Aprons = 95

Property grade for walk — 139.17 139.17 139.17 139.17 / 137.07 135.46 133.91 / 2.10 3.68 5.26

Elev of floor front Porch (145.69)

22ond St

138.50 139.25 140.00 139.00

F

138.50 139.25 140.00

SPK 20'

+0.90	138.50 (137.50)	139.25	140.00 (139.00)	1	+2.80
+1.10	136.81	137.61	138.40		+4.80
+0.80	135.15	135.98	136.82 (137.07)	2	+5.50
+1.10	133.50	134.37	135.24 (135.49)	3	+4.90
+1.00	131.82	132.74	133.66 (133.91)	4	+4.80
+1.30	130.16	131.12	132.08		+2.10
+0.40	128.5 (127.50)	129.50	130.50 (129.50)		g

0.5 = 1.65 ; 0.5 = 1.55

Huggins Cottages 980

G

-0.10	125.5 (124.50)	126.50	127.50 (126.50)	-0.40
-0.70	123.75	124.65	125.55	-0.90
-1.10	122.00	122.82	123.64	-0.40
-0.80	120.25	121.00	121.73	-0.10
-0.40	118.50	119.16	119.82	+0.40
+0.5	116.75	117.33	117.91	+0.70
g	115.00 (114.00)	115.50	116.00 (115.00)	+0.70

0.5 = 1.75 ; 0.5 = 1.6 ; 125.60 ; 118.50

H

22nd Street

118.20 BM
0.05

118.25	118.25	118.25	118.25	118.25	118.25	118.25
113.00	111.50	110.00	108.50	107.00	105.50	104.00
5.25	6.75	8.25	9.75	11.25	12.75	14.25
5.80	6.00	7.00	8.70	9.80	11.00	12.60
		1.30	1.05	1.45	1.75	1.65

118.25	118.25	118.25	118.25	118.25	118.25	118.25
114.00	112.66	111.33	110.00	108.66	107.33	106.00
4.25	5.59	6.92	8.25	9.59	10.92	12.25
3.80	3.50	5.60	7.20	8.90	9.90	11.90
.45	2.09	1.32	1.00	.69	1.02	.35

Finishing May 26

7.70
108.16

115.86	115.86	115.86	115.86	115.86	115.86	115.86	115.86
113.00	111.50	110.00	108.50	107.00	105.50	104.00	113.50
2.86	4.36	5.86	7.36	8.86	10.36	11.86	2.36

115.86	115.86	115.86	115.86	115.86	115.86	115.86	115.86
114.00	112.66	111.33	110.00	108.66	107.33	106.00	105.00
1.86	3.20	4.53	5.86	7.20	8.53	9.86	10.86

108.16 BM
1.92

110.08	110.08	110.08	110.08	110.08	110.08	110.08
106.00	105.00	104.00	104.00	105.00	106.00	6.85
4.08	5.08	6.08	6.08	5.08	4.08	103.23
						5.40
110.08	110.08	108.63	108.63	108.63	108.63	108.63
105.10	104.10	103.00	102.60			
4.98	5.98	5.63	6.03			

118.20 BM
1.85
120.05
113.50
6.55

107.26	107.90	107.90	107.90	107.90	107.90	107.90
4.41	103.17	103.33	103.5	103.66	103.83	104
102.85	6.80	4.57	6.00	5.60	5.38	4.25
5.05	4.73	6.63	4.40	4.24	4.07	3.90
107.90	2.07	4.57	1.60	1.36	1.11	.35
103		2.06				
4.9						

107.90	107.90	107.9	107.90	107.90	107.90	107.90
103.5	103.77	104.66	104.5	105.	105.53	106
4.40	4.40	3.9	3.40	2.9	2.40	1.90
1.37	1.37	.76	2.43	2.48	.13	1.33
			.97	.42		.57

22nd

115.00 | 116.00

H.

−0.40	113.00	113.50	114.00		+0.45
g	111.50	112.08	112.66		+2.10
+1.30	110.00	110.66	111.33	1.33 = 50'	+1.30
+1.00	108.50	109.25	110.00		+1.00
+1.50	107.00	107.82	108.66		+0.70
+1.70	105.50	106.41	107.33		+1.00
+1.70	104.00	105.00	106.00		+0.40
	103.00	104.10	105.10	105.00	

1.50 = 50'

I

	103.00	104.10	105.10	105.00	
−0.5	104.00	105.00	106.00		+0.6
−1.1	103.83	104.66	105.50		−0.1
−1.4	103.66	104.33	105.00		+0.4
−1.6	103.50	104.00	104.50		+1.0
−2.0	103.33	103.67	104.00		+0.8
−2.1	103.17	103.33	103.50		−1.1
+0.1	103.00	103.00	103.00		+0.1
	102.00	102.60	102.60	102.00	

0.17 = 50'

0.50 = 50'

J.

22nd Street

103.46 B.M.
1.19
104.65
99.00
5.65
5.95
5.65
.30

104.65
95.16
9.49
8.50
.99

104.65
91.83
13.32
9.90
3.42

93.26
.75
101.06
95.16
5.90
3.30
2.60

5.65 9.49 13.32
5.80 8.70
.15 4.62

R.R. Rph 3-97
105.07 103.07 103.06
103.00 5.85
2.07 108.35
108.35
103.46 B.M.
1.61
105.07
1.01
5.07

94.78
87.50
7.28
.34
3.88

94.78
88.66
11.12
7.40
3.72

94.78
79.83
14.95
11.50
3.45

7.28 11.12 14.95
1.10 6.10 10.70
6.18 5.02 4.25

94.78
11.50
83.28
0.51
83.99

103.46 B.M.
3.8
107.26
100.
7.26

107.26
100.5
6.76
6.45
.31
4.76
3.68
1.08

83.99 83.99 83.99 89.99
76.00
7.99
5.10
2.89

7.99
4.20
3.79

107.26
101.5
5.76
5.2
.56

107.26
101
6.26
4.72
1.54

5.76
3.9
1.86
6.26
4.72
1.54

7.26
6.54
.72

6.76
4.58
2.18

107.26
103.
4.26
2.62
1.64

107.26
102
5.26
4.73
.53
4.26
4.15
.11

107.26
102.3
4.76
3.7
5.26 1.06
3.80
1.46

108.63
.37
101.06
3.45
104.51
100.00
4.51

104.51
99.60
4.91

104.51
99.00
5.51

104.51
98.60
5.91

103.46
1.28
104.74
99.50
5.24

103.47 B.M.
1.34
104.81
99.99
5.81
96.63
411
1007.4
9480
644

104.81
95.16
9.65

104.81
93.25
11.56

104.81
96.63
8.18

Mch 19 98.

Andw 974

22nd

103.00

J

+1.6	103.00	
+1.1	102.50	
+0.6	102.00	
+0.7	101.50	
+1.4	101.00	
+0.5	100.50	
0.0	100.00	

25 = 25.0

103.00 102.50 102.50 100 99.60 99.60

103.00

102.00	103.00	+0.4
	102.50	+0.1
	102.00	+1.5
	101.50	+1.9
	101.00	+2.2
	100.50	+2.1
	100.00	+1.2

25 = 25.0

K.

98.00

−0.30	99.00	
+1.00	95.16	
+3.40	91.33	
+3.90	87.50	
+3.70	83.66	
+3.40	79.83	
+2.90	76.00	

25 = 25.0

98.60 99 98.60

99.00
95.16
93.26
91.33
87.50 (45) + 6.20
83.66 + 5.00
79.83 + 4.30
76.00 + 3.80

= 2.30 = 50'

← 406.7 →

99.00 96.80 94.30 91.97 89.64 87.31 84.98 82.65

L.

← 20' →

← 20' →

83.99
74.00
9.99

10.40
10

83.99
1185
7214
051

72.65	72.65	72.65	72.65	72.65
71.08	68.17	65.26	62.34	59.42
1.57	4.48	7.39	10.31	13.23
4.30	7.60	9.80	12.30	
16	450	740	1030	
2.7	3.10	2.40	2.00	

72.65	72.65	72.65	72.65
71.15	68.32	65.49	62.66
1.50	4.33	7.16	9.99
2.70	8.00	10.30	12.30
250	430	720	10
1.20	3.70	3.10	2.30

72.65
1037
6228
107

63.35	63.35	63.35	63.35
59.42	56.50	59.83	57.00
3.93	6.85	3.52	6.35
5.10	7.70	4.70	6.00
39	690	35	
1.2	.80	1.20	

83.41	83.41	83.41	83.41 see page 80
76.00	75.60	74.00	73.60
7.41	7.81	9.41	9.81

76.00 76. 75.60 76.00
75 75.60 75.00

L1 SPK. < 20' > ⊡ < 20' > SPK.

	73.00	73.60	73.60	73.00	
−0.40		74.00	74.00	74.00	−0.80
−2.70		71.08		71.15	−1.20
−3.10		68.17		68.32	−3.70
−2.40		65.26		65.49	−3.10
−2.00		62.34		62.66	−2.30
−1.20		59.42		59.83	−1.20
−0.80		56.50		57.00	+0.30

M−

55.50 56.00

D Bond

94,38 B.M
242
96,80
11,85
84,95
3,00
87,95
87,00
.95
5,10
.95
4,15

87.95
86.00
1,95
9.40
2.00
7.40

87.95
85.75
2.20
8.30
2.20
6.10

87.95
85.50
2.45
4.20
2.50
1.70

87.95
85.25
2.70
1.70
1.00

87.95
85.00
2.95

87.95
86.50
1,45

87.95
87.00
.95
4.70
1.00
3.70

87.95
86.00
1.95
9.40
2.00
7.40

87.95
85.75
2.20
13.10
2.20
10.90

87.95
85.50
2.45
11.20
2.50
8.70

87.95
85.25
2.70
7.10
2.70
4.40

87.95
85.00
2.95
1.50
1.45

ST.

85.0 | 85.0

18th | ST.

+1.50 | 85.0 | 85.0
-4.40 | 85.25 | 85.25 | +1.00
-8.70 | 85.50 | 85.50 | -1.70
-10.90 | 85.75 | 85.75 | -6.10
-7.40 | 86.0 | 86.0 | -7.40

19th | ST.

-3.70 | 87.0 | 87.0 | -4.20

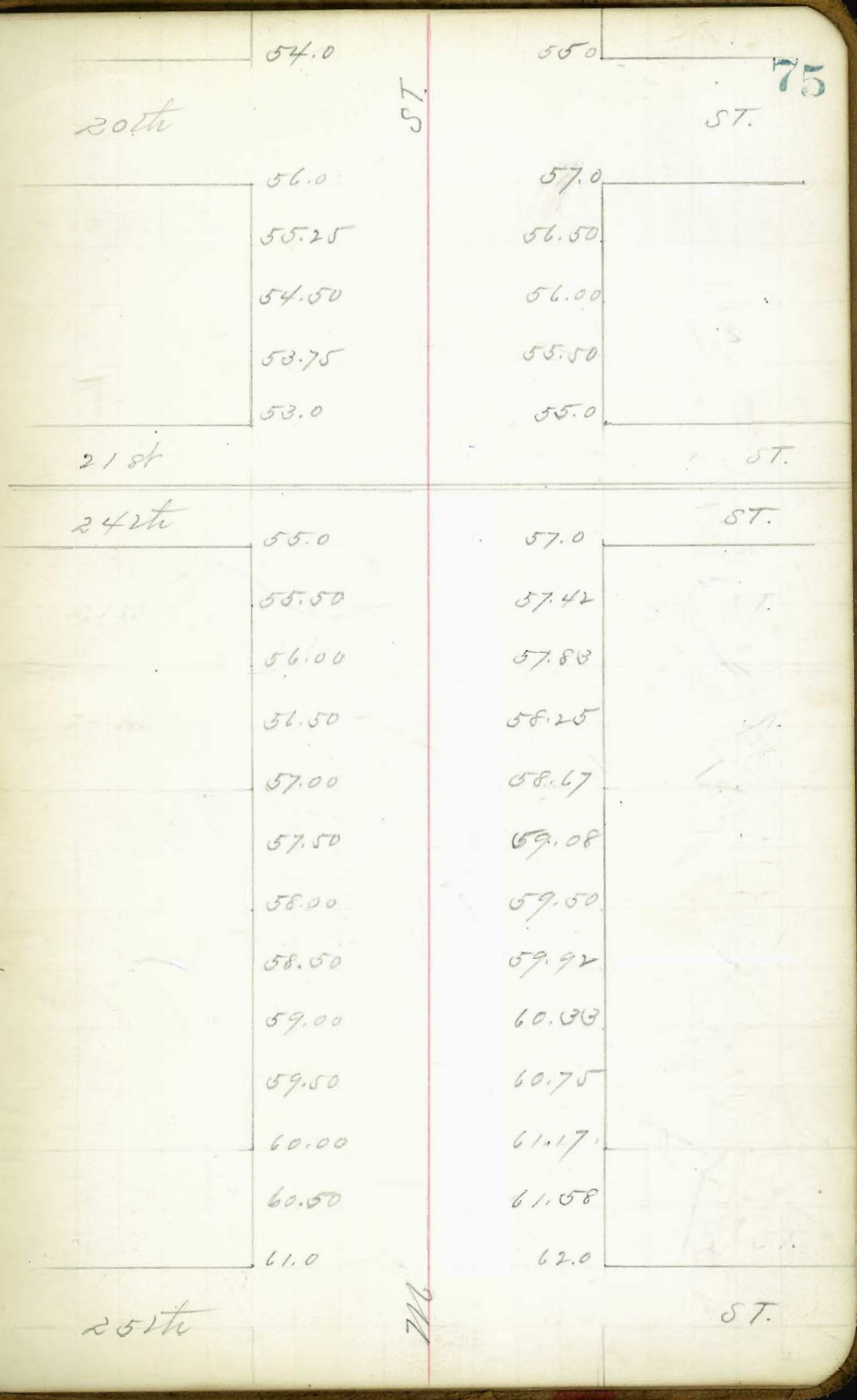
136.5 | 136.5

22nd | ST.

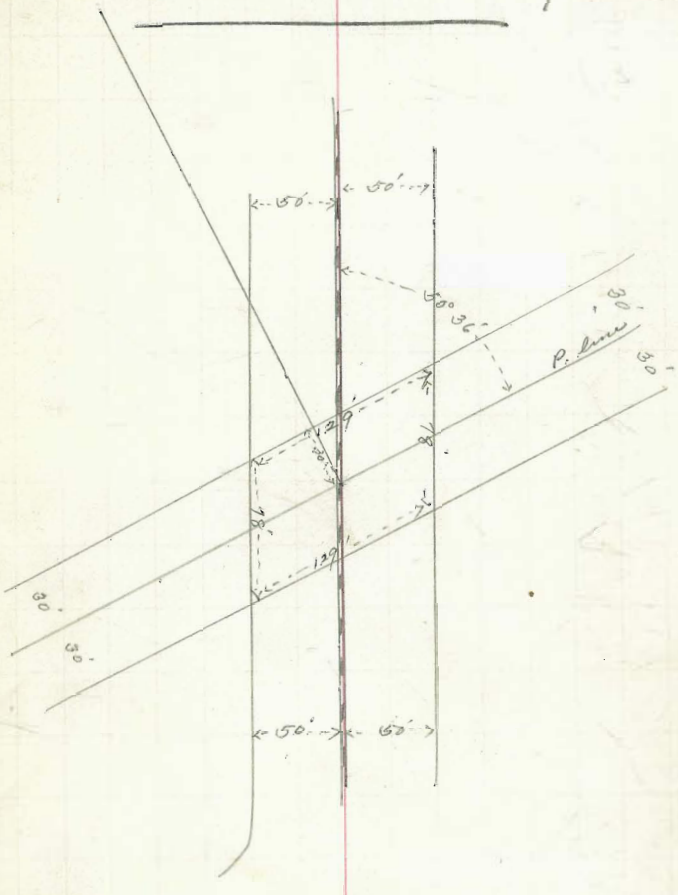
138.5 | 138.5
143.25 | 143.25
148.00 | 148.00
152.75 | 152.75
157.5 | 157.5

23rd | ST.

159.0 | 159.0


54.0
55.0
20th
ST.
ST.
56.0
55.25
54.50
53.75
53.0
57.0
56.50
56.00
55.50
55.0
21st
ST.
24th
ST.
55.0
55.50
56.00
56.50
57.00
57.50
58.00
58.50
59.00
59.50
60.00
60.50
61.0
57.0
57.42
57.83
58.25
58.67
59.08
59.50
59.92
60.33
60.75
61.17
61.58
62.0
25th
ST.

Crossing of U.S. Right of way by proposed Road to Brewery ? ?



Rose Canon Road through P.L. 1290

Stat	Angle	Mag B	Dist			
0+0 Δ	R 106°40	N12°10'W	315'		N1°45'E	N1°55'E
3+15 Δ	R.163°55'	N28°15'W	300		N14°20'W	N14°10'W
6+15 Δ	L 138°54'	N13°E	245		N26°46'E	N26°56'E
X8+95 Δ	R141°29'	N25°30W	355		N11°45'W	N11°35'W
12+50 Δ	R162°28	N43°20'W	400'		N29°17'W	N29°07'W
16+50 Δ	R186°22	N36°45'W	200'	= S 48+50	N22°55'W	N22°45'W
18+50 Δ	R164°27'	N52°15'W	325		N38°28'W	N38°18'W
21+75	L 141°52'	N14°15'W	485	S21+75 =	N0.20'W Center Old Road	N0°10'W
26+60						

Rose Canon Road through P.L. 12 –

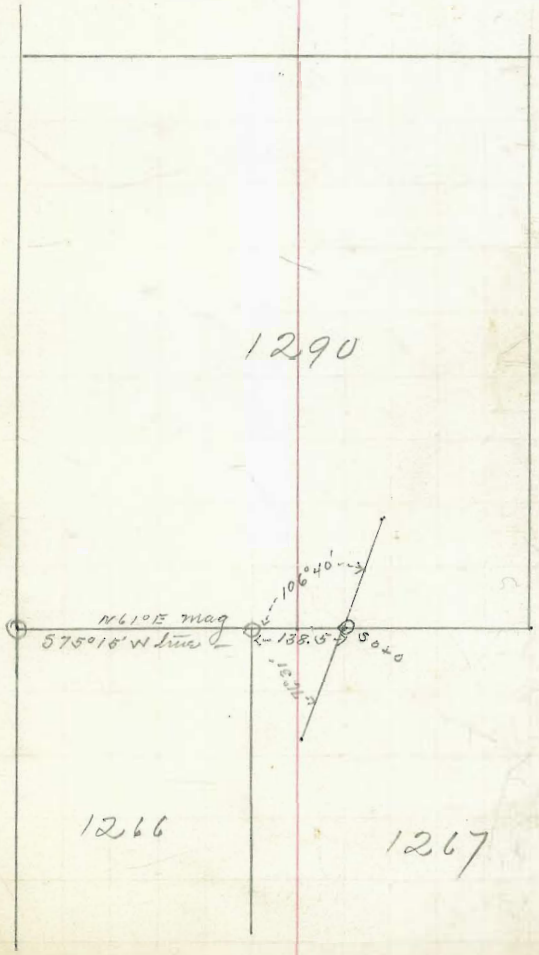
0+0	L 76°31'	S15°30'E	380'		S1°16'E	✓
4+90	L157°2'	S7°30'W	110		S21°42'W	✓
6+00	R126°2'	S46°30'E	185		S32°16'E	✓
7+85	139°28'	S5°55'E	100		S8°16'W	✓
8+85				intersect Pueblo line		

17960
14427
1533
3645
5218

17960
14152
38.08

5215
3808
14,07

2175
485
2660



Haward Lot W½ 11-12 Blk 29
Culverwell 25 loads.
Scott. NW Cor C-22 100—

Lots G.-H. NW Cor J-22 300—

118.20 BM
8.39
East side Bet G. & H on 22nd

126.59	126.59	126.59	126.59	126.59	126.59
116.00	117.91	119.82	121.73	123.64	125.55
10.59	8.68	6.77	4.86	2.95	1.04

126.59
115
11.59

126.59
268
123.91
8.63

132.54	132.54	132.54	132.54
125.50	126.50	127.50	1.74
7.04	6.04	5.04	130.80 on BM

132.54	132.54	132.54
128.50	129.50	130.50
4.04	3.04	2.04

80 —

10346
1.11
10457
1170
9287
183
9470
1188
8282
059
83.41 83.41 on page 72

74.00
5650
6) 1750 (2.92
12
55
54
10

74
57
6) 17 (2.83
12
50
48
20

5650
292
5942
292
6234
292
6526
291
6817
291
7108
291
7399
292
7691

57.00
283
5983
283
6266
283
6549
283
6832
283
7115
283
7398

Upas St

From East line 3rd to East line Front

Plum

From West line of First to East line Front

Quince from East line 2nd to West line 1st

Redwood

From East line 2nd to West line 1st

Park line from Quince to Upas,

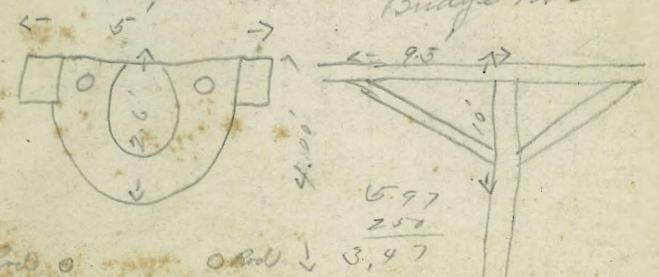
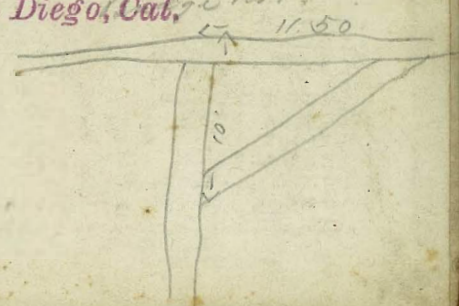
Return to City Engineers Office
City Hall, San Diego, Cal.

From Center Palm to End Bent of Bridge 57.00' to Bent 2 34.5ft, Bent 3 70 feet to Bent 4, 106.00 to Bent 5 142.00 ft. To Bent 6 or End of Bridge 178. ft

From North End of South Bridge to South End of North Bridge 61.00 ft

From South End of North Bridge to Bent No 1 31 ft, To Bent No 2 61.00 ft, To Bent No 3 91.00 ft, To Bent No 4 121.00 ft, To End of Bridge 135 feet

Bridge No 2



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