[illegible] STREET [illegible] 3
HARRISON [illegible] 16
[illegible] 15
OLD TOWN [illegible] DYKE 16
[illegible] GARRETSON TRACT 20
[illegible] 19
[illegible]

F.B. 91

FIELD.

[illegible] STREET 22
6TH [illegible] STREET 34
X ROSE CAÑON [illegible] 41
[illegible] Page 54
[illegible] P. 60
[illegible]
[illegible] Page 65
[illegible] P. 60

91

3/4 Nail 71.97
77.88

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

MICROFILMED
DEC 7 1964

71.97
77.88
77.78
11.86
6.76 TP
0.37
66.13
11.26
54.87 New BM Spike Fence P. S.E. Lot 32
0.475
55.345

95
70
58
31
22

91

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

No 91

Book #91

"M" Street

Station	North	Curb	Center (68.67)	curb	South
0+0	63.80 / 4.90	63.70 63.3 / 5.00	62.90 62.4 / 5.80	62.00 / 6.70	61.80 / 6.90
50	64.50 / 4.20	64.20 63.8 / 4.50	63.50 63.0 / 5.20	62.50 / 6.20	62.70 / 6.00
1+00	65.30 / 3.40	64.70 64.4 / 4.00	64.10 63.6 / 4.60	63.10 / 5.60	62.60 / 6.10
+40	65.70 / 3.00	65.50 64.6 / 3.20	63.80 63.5 / 4.90	63.30 / 5.20	63.10 / 5.60
(alley-) +60	65.40 / 3.30	64.90 64.5 / 3.80	64.10 64.0 / 4.60	64.00 / 4.70	63.50 / 5.20 alley-
2+00	66.00 / 2.70	65.20 64.8 / 3.50	64.50 64.1 / 4.20	63.80 / 4.90	63.20 / 5.50
50	65.70 / 3.00	65.20 64.8 / 3.50	64.40 64.0 / 4.30	63.60 / 5.10	63.30 / 5.40
3+00	65.60 / 3.10	64.90 64.7 / 3.80	64.50 63.9 / 4.20	63.40 / 5.30	63.00 / 5.70
50	65.70 / 3.00	65.20 64.7 / 3.50	64.20 63.9 / 4.50	63.70 / 5.00	63.20 / 5.50
4+00	65.70 / 3.00	65.20 64.8 / 3.50	64.50 64.0 / 4.20	63.50 / 5.20	63.00 / 5.70
50	64.90 / 3.80	65.40 64.8 / 3.30	64.30 63.8 / 4.40	63.40 / 5.30	63.00 / 5.70
5+00	64.50 / 4.20	64.00 63.8 / 4.70	63.60 63.2 / 5.10	62.80 / 5.90	62.40 / 6.30
+60	64.20 / 4.50	64.00 63.4 / 4.70	62.90 62.4 / 5.80	61.90 / 6.80	61.70 / 7.00
26TH 30	64.70 / 4.00	63.50 63.1 / 5.20	62.70 62.3 / 6.00	61.90 / 6.80	61.60 / 7.10
0+0	63.90 / 4.70	63.60 63.0 / 5.00	(68.59) 62.50 62.2 / 6.10	61.80 / 6.80	61.20 / 7.40
+20	64.40 / 4.20	64.80 63.8 / 3.80	62.80 62.5 / 5.80	62.30 / 6.30	61.60 / 7.00
+50	64.00 / 4.60	63.80 63.5 / 4.80	63.30 63.0 / 5.30	62.70 / 5.90	62.10 / 6.50
1+00	63.70 / 4.90	63.90 64.1 / 4.70	64.30 63.5 / 4.30	62.80 / 5.80	62.30 / 6.30
+30	62.50 / 6.10	62.90 62.7 / 5.70	62.60 62.5 / 6.00	62.40 / 6.20	61.20 / 7.40

60 ft

"M" Street

May 10th 1894
Cappe, Williams, Shaw

3

25th East line of 25th street

Alley

26th West line 26th
Center
East " "

"M" Street

Stat-	North	curb	centre (68.59)	curb	South
	62.00	62.10 62.2	62.30 61.3	60.30	59.40
1+50	6.60	6.50	6.30	8.30	9.20
	60.90	61.10 60.9	60.80 60.7	60.60	60.20
2+00	7.70	7.50	7.80	8.00	8.40
	61.20	61.90 61.6	61.40 61.5	61.70	61.80
50	7.40	6.70	7.20	6.90	6.80
	63.00	63.50 62.7	62.00 62.0	62.10	62.20
3+00	5.60	5.10	6.60	6.50	6.40
	63.50	63.60 62.9	62.30 62.5	62.80	63.10
50	6.10	5.00	6.30	5.80	5.50
	63.80	63.40 62.9	62.40 62.9	63.40	63.40
4+00	4.80	5.20	6.20	5.20	5.20
	63.50	63.80 63.7	63.70 63.7	63.80	63.80
50	5.10	4.80	4.90	4.80	4.80
	63.80	63.80 63.9	64.10 64.0	63.90	64.20
5+00	4.80	4.80	4.50	4.70	4.40
	64.60	64.80 64.7	64.60 64.5	64.50	64.30
50	4.00	3.80	4.00	4.10	4.30
	65.60	65.30 65.3	65.30 65.3	65.30	66.70
6+00	3.00	3.30	3.30	3.30	1.90
45 ft Street			(77.88)		
	66.40	65.20 65.1	65.00 65.6	66.20	66.40
30	11.00	12.20	12.40	11.20	10.50
	65.60	65.10 65.2	65.30 65.8	66.40	67.00
0+0	11.80	12.30	12.10	10.00	10.40
	65.20	65.90 66.3	66.80 67.4	68.10	68.10
50	12.20	11.50	10.60	9.30	9.80
	66.10	68.50 68.2	67.90 68.1	68.30	68.60
7+00	11.30	8.90	9.50	9.10	8.80
80 ft Street					
	68.70	69.70 68.4	68.10 68.5	68.40	69.10
+10	8.70	7.70	9.30	8.50	8.30
	69.40	69.10 69.0	69.00 69.1	69.20	69.10
+40	8.00	8.30	8.40	8.20	8.30
	69.50	69.50 69.7	69.90 69.7	69.60	69.20
0+0	7.90	7.90	7.50	7.80	8.20
	70.90	70.40 70.4	70.40 70.7	71.10	70.20
+50	6.50	7.00	9.00	6.30	7.20

"M" Street

4

West line 27th

27th

East line 27th

West line 28th of Hensleys add

East line 28th of Hensleys add

"M" Street

Station	North	curb	Centre	Curb	South
	71.60	71.30 71.2	71.60 71.0	70.90	71.10
1+00	5.80	6.10	6.40	6.50	6.30
	72.20	71.60 71.5	71.50 71.4	71.80	70.90
50	5.20	5.80	5.90	6.10	6.50
	72.70	72.20 72.1	72.10 72.0	72.00	71.60
2+00	4.70	5.20	5.80	5.40	5.80
	73.10	72.80 72.8	72.80 72.7	72.60	72.20
40	4.30	4.60	4.60	4.80	5.20
	73.80	73.00 73.0	73.00 73.0	73.00	72.70
0+0	3.60	4.40	4.40	4.40	4.70
	74.00	73.40 73.4	73.50 73.2	73.60	72.60
50	3.40	4.00	3.90	4.40	4.80
	74.50	73.90 73.6	73.40 73.3	73.20	73.10
1+00	2.90	3.50	4.00	4.20	4.30
	73.70	73.20 73.1	73.00 72.6	72.20	71.80
50	3.70	4.20	4.40	5.20	5.60
	72.40	72.30 72.1	72.00 71.9	71.60	71.60
2+00	5.00	5.10	5.40	5.80	5.80
	73.60	73.60 73.4	73.30 73.6	72.90	73.20
50	3.80	3.80	4.10	4.50	4.20
	74.50	74.60 74.3	75.10 74.4	73.80	73.80
3+00	2.90	2.80	2.30	3.60	3.60
	74.60	74.70 74.7	74.70 74.9	75.00	74.80
50	2.80	2.70	2.70	2.40	2.60
	75.10	74.70 74.6	74.60 74.4	74.30	74.40
4+00	2.30	2.70	2.90	3.10	3.00
			(7938)		
	75.20	74.60 74.5	74.40 74.8	75.20	75.20
50	4.20	4.80	5.00	4.20	4.20
	74.10	74.00 74.1	74.20 74.0	73.80	73.80
5+00	5.30	5.40	5.20	5.60	5.60
	74.40	73.70 73.4	73.20 72.9	72.60	72.50
50	5.40	5.70	6.20	6.80	6.90
	74.60	74.30 74.2	74.20 73.8	73.40	73.30
6+00	4.80	5.10	5.20	6.00	6.10
	74.20	74.20 74.1	74.00 74.0	74.00	73.10
50	5.20	5.20	5.40	5.40	6.30
	74.40	74.10 74.0	73.90 73.9	73.90	73.60
7+00	5.40	5.30	5.50	5.50	5.50

80 ft West

West line 29th Hensley's add

East line 29th Hensley add

"M" Street

Station	North	curb	Centre	curb	South
	73.80	73.60 73.3	73.10 72.9	72.70	72.20
50	6.10	6.80	6.30	6.70	7.20
	72.80	72.80 72.5	72.20 71.7	71.30	70.60
8+00	6.60	6.60	7.20	8.10	8.80
	72.50	72.60 72.3	72.00 71.5	71.10	70.50
+13,5	6.90	6.80	7.40	8.30	8.90
Shot-	72.80	72.40 72.0	71.70 71.3	70.90	70.60
30 Left	7.10	7.00	7.70	8.50	8.80
	72.50	72.20 71.7	71.30 71.0	70.70	70.60
0+0	6.90	7.20	8.10	8.70	8.80
	72.20	71.60 71.4	(77.14) 71.1	71.66	71.60
50	5.00	5.60	6.00	6.20	5.60
	71.60	71.60 71.1	71.20 70.8	70.50	70.20
1+00	5.60	6.26	6.06	6.76	7.00
	70.50	70.90 70.7	70.60 70.7	70.90	71.90
50	6.70	6.30	6.60	6.30	5.30
	71.20	71.10 71.3	71.50 71.7	71.90	71.80
2+00	6.00	6.10	5.70	5.36	5.40
	71.60	71.80 72.4	72.10 72.2	72.40	72.50
50	5.60	5.40	5.10	4.80	4.70
	72.10	72.10 72.1	72.20 72.4	72.66	72.86
3+00	5.10	5.10	5.00	4.60	4.40
	72.50	72.40 72.5	72.70 72.8	73.00	73.30
50	4.70	4.80	4.50	4.20	3.90
	72.90	73.10 73.0	73.00 73.2	73.50	74.06
4+00	4.30	4.10	4.20	3.70	3.20
	72.90	73.00 73.3	73.70 73.9	74.10	74.30
50	4.30	4.20	3.50	3.10	2.90
	73.20	73.70 73.7	73.70 73.9	74.20	74.30
5+00	4.00	3.50	3.50	3.00	2.90
	74.20	74.30 74.2	74.20 74.7	75.20	74.80
50	3.00	2.90	3.00	2.00	2.40
	74.40	74.70 75.0	75.40 75.1	74.90	75.20
6+00	2.80	2.50	1.80	2.30	2.00
Shot-	74.90	75.00 75.0	(82.16) 75.2	75.40	75.60
30 60 Left	7.30	7.20	7.10	6.80	6.60
	74.90	75.10 75.4	75.70 76.1	76.60	76.90
0+0	7.30	7.10	6.50	5.60	5.30

"M" Street

29TH

West line 29th

East line 29th

30TH

West line 30th

East line 30th

"M" Street

Stat	North curb		Center		South curb
	75.40	75.60 75.8	76.10 76.2	76.40	76.10
50	6.80	6.60	6.10	5.80	6.10
	75.60	76.00 76.1	76.30 76.5	76.60	76.80
1+00	6.70	6.20	5.90	5.60	5.40
	75.60	75.70 76.2	76.70 76.9	77.10	77.40
50	6.70	6.50	5.60	5.10	4.80
	75.60	75.70 75.9	76.10 76.0	75.90	75.90
2+00	6.60	6.50	6.10	6.30	6.30
	76.90	76.60 76.3	76.10 75.8	75.60	75.60
50	5.30	5.60	6.10	6.70	6.70
	76.90	77.00 77.1	77.20 76.9	76.70	75.80
3+00	5.30	5.20	5.00	5.60	6.40
	76.30	76.50 76.8	77.10 77.8	77.50	77.50
50	5.90	5.70	5.10	4.70	4.70
	76.40	77.60 77.2	76.80 76.1	75.40	75.20
4+00	5.80	4.60	5.40	6.80	7.00
	77.10	78.20 77.3	76.40 75.7	75.20	75.20
50	5.10	4.00	5.80	7.20	7.00
	75.90	76.00 75.7	75.40 76.0	76.70	76.00
5+00	6.30	6.20	6.80	5.50	6.20
	76.70	76.50 75.9	75.40 75.1	74.80	74.70
50	5.50	5.70	6.80	7.40	7.50
	76.10	75.90 75.7	75.50 75.5	75.50	75.80
6+00	6.10	6.30	6.70	6.70	6.40
	76.40	76.50 76.1	(82.50) 75.80 76.4	77.00	76.40
50	6.10	6.00	6.70	5.60	6.10
	78.00	77.80 76.9	76.10 75.9	75.70	75.50
0+0	4.50	4.70	6.40	6.80	7.00
	77.80	77.70 77.2	76.80 76.0	75.30	75.30
50	4.70	4.80	5.70	7.20	7.20
	77.50	77.50 76.7	76.00 75.2	74.70	74.70
1+00	5.00	5.00	6.50	7.80	7.80
	77.00	76.40 75.6	74.90 74.8	74.80	74.70
50	5.50	6.10	7.60	7.70	7.80
	75.30	75.00 75.0	75.00 75.0	75.10	75.50
2+00	7.20	7.50	7.50	7.40	7.00
	75.40	75.00 75.5	76.10 75.8	75.50	75.90
50	7.50	7.50	6.40	7.00	6.60

Cont. Street

"M" Street

31 1ST West line of 31st St

East line of 31st

"M" Street

Station	North	curb	Center	curb	South
3+00	75.30 7.20	75.50 76.1 7.00	76.80 77.0 5.70	77.20 5.30	76.40 6.10
50	76.90 5.60	77.50 76.8 4.70	76.10 76.8 6.40	77.50 5.00	78.20 4.30
4+00	76.50 6.00	76.70 76.9 5.80	77.20 77.8 5.30	78.50 4.00	78.30 4.20
50	78.30 4.20	77.80 77.5 4.70	77.20 77.3 5.30	77.50 5.00	77.30 5.20
5+00	76.80 5.70	77.80 77.5 4.70	77.30 77.1 5.20	77.20 5.30	77.20 5.30
50	76.90 5.60	76.90 77.0 5.60	77.20 76.9 5.30	76.60 5.90	76.10 6.40
6+00	76.30 6.20	76.30 75.9 6.20	75.50 75.3 7.00	75.10 7.40	74.60 7.90

"M" Street

32 ond

West line 32 and Street

Harrison Ave

width R R = 12 ft

Aug 1894.

Stat	West	curb		Center		Curb	East	B.S.	F.S.	El. B.M.	H.I.
South				(93.77)							
3+66	81.90 11.90										
4+00	83.10 10.70							5.49		88.28	93.77
North 4+50	82.60 11.20	82.70 11.10	83.50 10.30	84.40 9.40	84.00 9.80	84.60 9.20	84.60 9.20				
5+00	83.50 10.30	83.40 10.40	83.30 10.50	85.10 8.70	83.90 9.90	84.50 9.30	84.90 8.90				
50	85.00 8.80	84.70 9.10	85.00 8.80	85.70 8.10	85.20 8.60	85.10 8.70	85.00 8.80				
6+00	86.20 7.60	86.10 7.70	86.80 7.00	86.20 7.60	86.90 6.90	87.00 6.80	87.60 6.20				
30	86.60 7.20	87.10 6.70	87.60 6.20	86.50 7.30	87.20 6.60	87.40 6.40	87.40 6.40				
0+0	87.00 6.80	88.10 5.70	87.70 6.10	87.10 6.70	87.60 6.20	88.30 5.50	88.00 5.80				
50	87.40 6.40	87.60 6.20	87.80 6.00	87.50 6.30	87.70 6.10	88.10 5.70	88.50 5.30				
1+00	87.30 6.50	87.50 6.30	88.20 5.60	87.90 5.90	88.50 5.30	89.80 4.00	89.30 4.50				
50	87.70 6.10	87.70 6.10	88.40 5.40	88.10 5.70	88.80 5.00	89.30 4.50	89.50 4.30				
2+00	87.00 6.80	87.40 6.40	88.00 5.80	88.40 5.40	88.20 5.60	88.50 5.30	89.10 4.70				
50	88.00 5.80	88.20 5.60	88.80 5.00	89.00 4.80	89.00 4.80	88.70 5.10	89.10 4.70				
3+00	89.30 4.50	88.90 4.90	90.20 3.60	89.50 4.30	90.50 3.30	89.80 4.00	90.10 3.70				
50	89.60 4.20	88.70 5.10	89.30 4.50	89.80 4.00	89.20 4.60	89.40 4.40	89.60 4.20				
4+00	89.10 4.70	89.10 4.70	90.30 3.50	90.30 3.50	90.10 3.70	90.40 3.40	90.40 3.40				
50	89.00 4.80	88.90 4.90	89.50 4.30	90.90 2.90	90.10 3.70	90.20 3.60	90.40 3.40				
5+00	90.10 3.70	91.00 2.80	90.90 2.90	91.40 2.40	91.70 2.10	91.80 2.00	92.10 1.70				
			(99.74)					9.76	3.79	89.98	

88.28
5.49
93.77
3.79
89.98
9.76
99.74

Center 27th st

Harrison Ave

Stat	West curb			Centre (99.74)		East curb
	94.60	91.80	92.40	92.10	92.70	92.70	92.90
5+50	8.10	7.90	7.30	7.60	7.00	7.00	6.80
	93.00	93.90	94.90	92.80	93.80	94.30	94.80
6+00	6.70	5.80	4.80	6.90	5.90	5.40	5.40
	93.50	94.10	94.60	93.70	94.70	94.70	95.00
+30	6.20	5.60	5.10	6.00	5.00	5.00	4.70
	93.80	94.10	95.60	93.50	96.50	96.40	95.50
0+00	5.90	5.60	4.10	6.20	3.20	3.30	4.20
	93.90	93.50	94.40	94.00	94.70	95.40	95.80
+50	5.80	6.20	5.30	5.70	5.00	4.30	3.90
	93.90	94.10	95.30	94.60	95.90	95.90	96.40
1+00	5.80	5.60	4.40	5.10	3.80	3.80	3.30
	95.20	95.70	95.80	95.20	97.10	98.10	99.40
50	4.50	4.00	3.90	4.50	2.60	1.60	0.30
				(104.69)			
	95.80	96.70	98.20	95.70	98.70	98.60	99.90
2+00	8.90	8.00	6.50	9.00	6.00	6.10	4.80
	97.00	97.40	98.70	95.90	99.70	99.40	100.50
50	7.70	7.30	6.00	8.80	5.00	5.30	4.20
	97.20	98.10	98.80	96.70	100.20	100.20	101.20
3+00	7.50	6.60	5.90	9.00	4.50	4.50	3.50
	97.30	97.60	99.30	95.60	99.70	100.20	101.20
50	7.40	7.10	5.40	9.10	5.00	4.50	3.50
	97.20	98.20	99.50	94.90	99.70	99.90	100.80
4+00	7.50	6.50	5.20	9.80	5.00	4.80	3.90
	96.10	96.80	98.00	94.06	98.40	97.80	97.20
50	8.60	7.90	6.70	10.70	6.30	6.90	7.50
	94.00	95.00	94.60	92.70	94.70	94.40	94.70
5+00	10.70	9.70	10.10	12.00	10.00	9.80	10.00
			(95.52)				
	91.00	91.50	92.00	90.80	92.30	92.10	92.00
	88.10	88.60	89.10	87.40	89.20	89.20	89.10
57	4.60	4.00	3.60	4.70	3.40	3.40	3.50
	89.00	89.40	89.40	87.80	87.90	87.50	87.90
	86.10	86.50	86.60	84.90	86.00	84.60	86.00
6+05	6.50	6.10	6.10	7.70	7.60	8.00	7.60
	87.80	88.00	87.20	86.90	86.50	87.00	86.80
	84.96	85.10	84.30	84.00	83.60	84.10	83.90
30	7.70	7.50	8.30	8.60	9.00	8.50	8.70

Harrison Ave

	B.S.	F.S.	El	H.I.
				99.74
				07
				99.67
				502
				104.69
				1.062
Centre 26				94.07
				1.45
				95.52
	5.02	0.07	99.67	
	1.45	10.62	94.07	95.52

Centre 25

Harrison Ave

Stat	West curb			center		Curb	East
	86.90	86.80	85.00	85.20	84.70	84.60	85.10
	84.00	83.40	82.10	82.30	81.80	81.60	82.20
0+00	8.60	8.70	10.50	10.30	10.80	11.00	10.40
				(88.52)			
	84.60	84.60	83.20	82.20	81.90	82.30	83.30
50	3.90	3.90	5.30	6.30	6.60	6.20	5.20
	82.80	83.00	81.80	80.70	80.30	80.90	81.20
1+00	5.70	5.50	7.40	7.80	8.20	7.60	7.30
	80.50	79.90	78.70	80.50	77.80	77.10	77.50
50	8.00	8.60	9.80	8.00	10.70	11.40	11.00
				(79.81)			
	78.40	78.70	77.80	79.80	75.90	75.70	75.50
2+00	1.40	1.40	2.00	0.00	3.90	4.10	4.30
	76.60	76.20	76.10	78.30	74.60	74.10	74.10
50	3.20	3.40	3.70	1.50	5.20	5.70	5.70
	73.80						
		72.80	72.80	76.50	73.00	72.90	72.70
3+00	6.06	6.50	7.00	3.30	6.80	6.90	7.10
	71.70	71.80	72.30	74.80	72.10	71.80	72.10
50	8.10	8.00	7.50	5.00	7.70	8.00	7.70
	70.30	70.30	70.80	73.50	70.90	70.80	71.00
4+00	9.50	9.50	9.00	6.30	8.90	9.00	8.80
	69.70	69.50	69.90	72.10	71.10	72.20	72.00
43	10.20	10.30	9.90	7.70	8.70	7.60	7.80
	69.40	69.60	70.90	71.10	71.30	72.00	71.80
5+00	10.40	10.20	8.90	8.70	8.50	7.80	8.00
	70.70	70.60	69.80	70.10	69.80	70.60	71.30
50	9.10	9.20	10.00	9.70	10.00	9.20	8.50
	68.70	69.10	68.20	69.80	68.90	71.10	71.80
6+00	11.10	10.70	11.60	10.00	10.90	8.70	8.00
				(73.17)			
	67.60	67.60	67.70	69.60	68.80	70.20	70.10
+30	5.60	5.70	5.50	3.60	4.40	3.00	3.10
	67.30	66.70	67.60	69.10	68.50	69.50	70.60
0+0	5.90	6.50	5.70	4.10	4.70	3.70	2.60
	66.70	67.10	68.20	68.20	69.60	71.00	71.90
50	6.50	6.10	5.60	5.00	3.60	2.20	1.30

Harrison Ave

B.S.	F.S.	El	HI
		B.M. 25 ft	
1.07		87.45	88.52
3.20	11.91	76.61	79.81
4.42	11.06	68.75	73.17

87.45
1.07
88.52
11.91
76.61
3.20
79.81
11.06
68.75
4.42
73.17

Center 24 ft at

Harrison Ave

Stat	West	curb		Center		curb
	66.80	67.70	69.30	67.20	70.20	70.90
1+00	6.40	5.50	3.90	6.00	3.00	2.30
	67.40	67.20	68.50	65.70	68.90	69.80
50	5.80	6.00	4.70	7.50	4.30	3.40
	66.60	66.20	66.90	64.20	67.90	68.60
2+00	6.60	7.00	6.30	9.00	5.30	4.60
	63.10	63.80	60.30	62.60	64.90	66.58
50	10.10	9.40	7.90	10.60	8.30	6.70
				(64.99)		
	57.60	58.60	60.30	61.00	62.90	63.80
3+00	7.50	6.50	4.70	4.00	2.10	1.20
	56.40	56.00	55.90	58.90	56.80	57.60
50	8.60	9.00	9.10	6.10	8.70	7.10
	56.70	56.40	55.60	57.50	55.00	53.30
4+00	8.30	8.60	9.40	7.50	10.00	11.70
	55.00	55.46	55.30	55.90	55.00	52.50
50	10.00	9.60	9.70	9.10	10.00	12.50
				(57.99)		
	53.30	52.80	52.60	54.50	51.90	50.9
5+00	4.70	5.20	5.40	3.50	6.10	7.10
	50.60	52.00	53.20	53.20	54.00	54.6
50	7.40	6.00	4.80	4.80	4.00	3.40
	55.00	54.00	52.33	51.70	51.70	50.10
6+00	3.00	4.00	4.50	6.30	6.30	7.90
	54.20	52.60	51.10	50.40	49.80	48.70
30	3.80	5.40	6.90	7.60	8.20	9.30
	53.60	51.80	49.80	50.20	48.50	47.8
0+0	4.40	6.20	8.20	7.80	9.50	10.20
				(52.40)		
	52.34	50.20	47.90	49.40	46.30	44.90
50	0.60	2.20	4.50	3.00	6.10	7.50
	46.90	45.90	45.20	49.10	44.10	42.20
1+00	5.50	6.50	7.20	3.30	8.30	9.20
	43.80	43.40	44.00	49.00	43.80	43.20
50	8.60	9.00	8.40	3.40	8.60	9.20
2+00	42.10 10.30					
2+50	44.80					
2+75	44.60					

Harrison Ave

13

East	B.S.	F.S.	El	
71.40				
1.80				
70.20				
3.00				
69.00				
4.20				
66.80				
6.90				
	1.51	9.69	63.48	64.99
64.10				
0.90				
58.40				
6.60				
53.90				
11.10				
52.00				
13.00				
	4.81	11.81	53.18	57.99
50.90				
7.10				
56.20				
2.80				
49.60				
8.46				
47.90				
10.10				
46.90				
11.10	2.52	8.11	49.88	

73.17
9.69
63.48
1.51
64.99
11.81
53.18
4.81
57.99
8.11
49.88
2.52
52.40

Notes on South 20° Bet Logan & Milton

Stat	East		Center Top		West	
			(13.45)			
0+0	9.00 / 10 / 4.50		8.80 / 4.70		9.10 / 10 / 4.40	
+35	5.20 / 10 / 8.30	5.40 / 5 / 8.10	8.50 / 5.00		8.40 / 10 / 5.10	6.20 / 12 / 7.3
+75	4.20 / 10 / 9.30	7.50 / 5 / 6.00	7.50 / 6.00	7.50 / 5 / 6.00	4.20 / 10 / 9.30	
+76	4.20 / 10 / 9.30		4.20 / 9.30		4.20 / 10 / 9.30	
1+03	4.00 / 10 / 9.50		4.00 / 9.50		4.00 / 10 / 9.50	
1+05	4.00 / 10 / 9.50	7.10 / 5 / 6.40	7.10 / 6.40	7.10 / 5 / 6.40	4.00 / 10 / 9.50	
1+50	4.20 / 10 / 9.30	7.00 / 5 / 6.50	7.00 / 6.50	7.00 / 5 / 6.50	4.00 / 10 / 9.50	
2+00	3.50 / 10 / 10.00	6.30 / 5 / 7.20	6.30 / 7.20	6.30 / 5 / 7.20	2.90 / 10 / 10.60	
50	4.20 / 10 / 9.30	5.90 / 5 / 7.60	5.90 / 7.60	5.90 / 5 / 7.60	2.80 / 10 / 10.70	
2+78	5.30 / 10 / 8.20	5.70 / 5 / 7.80	5.70 / 7.80	5.70 / 5 / 7.80	2.50 / 10 / 11.00	

12.95
0.50
13.45

~~Seco~~ First Sheet

Stat	East	Curb	Center	Curb	West
0+0	248.20 11.00	247.80 11.40	(259.22) 248.70 10.50	250.70 8.50	251.40 7.80
50	250.00 9.20	250.60 8.60	252.50 6.70	254.30 4.90	254.40 4.80
1+00	253.50 5.70	253.30 5.90	253.90 5.30	255.00 4.20	255.30 3.90
50	255.60 3.60	255.60 3.60	255.70 3.50	255.60 3.60	255.40 3.80
2+00	256.60 2.60	256.60 2.60	256.20 3.00	255.80 3.40	255.60 3.60
50	257.50 1.70	257.30 1.90	257.00 2.20	256.60 2.60	256.50 2.70
3+00	258.40 0.80	257.90 1.30	258.20 1.00	258.10 1.10	257.90 1.30
50	258.80 0.40	258.50 0.70	259.20 0.00	258.70 0.50	258.30 0.90
4+00	259.40 2.00	259.30 2.10	(261.41) 259.50 1.90	258.60 2.80	258.40 3.00
50	258.20 3.20	257.90 3.50	257.20 4.20	257.20 4.20	257.20 4.20
5+00	256.10 5.30	255.90 5.50	255.30 6.10	254.30 7.10	254.30 7.10
50	255.80 5.60	255.30 6.10	254.30 7.10	253.80 7.60	253.70 7.70
6+00	256.10 5.30	255.50 5.90	254.50 6.90	253.60 7.80	253.40 8.00
30	256.50 4.90	256.00 5.40	254.90 6.50	254.10 7.30	253.60 7.80
0+0	257.30 4.10	256.80 4.60	255.50 5.90	254.60 6.80	254.20 7.20
50	256.90 4.50	256.60 4.80	256.40 5.00	255.50 5.90	255.20 6.20
1+00	255.60 5.80	255.50 5.90	255.00 6.40	254.80 6.60	254.80 6.60
50	254.90 6.50	254.60 6.80	254.00 7.40	253.20 8.20	253.00 8.40
2+00	252.20 9.20	252.80 8.60	252.30 9.10	251.20 10.20	251.00 10.40

Notes on 1st in Cleveland Heights 15
Dec 15 1894 Capps.

Walnut ave

B.M.
256.77
245
259.22
021
259.01
2.40
261.41

261.41
3
258.41

Brookes Ave. Center

Notes on Dyke across Old Town Flats from Iron Bridge to the hill on North side

Feb 15th 1895. Capps, Rumsey, & William

Stat	left 20	left 10 ft	Center (23.60)	Right 10	Right 20 ft
0+0			0.70	22.90	
+16			1.00		
+32			2.40		
+48			5.00		
+64			6.20		
+80			6.60		
+96			6.00		
1+12			6.60		
1+28			6.80		
1+44			7.60		
1+60			7.00		
1+76			7.70		
1+92			7.30		
2+08			7.30		
2+24			7.20		
2+40			7.20		
2+56			7.30		
2+72			7.50		
2+88			7.50		

23.60
0
2.10

23.60
7
22.90

Stat 0+0 = North End of Bridge, center of and just over the Iron pier, Elevation of S 0+0 = floor Bridge

Elevation of top of Iron pier on North End of Bridge and on East side is assumed at

20.00 ft
3.60
23.60
7.43
16.17
5.52
21.69
1.78
19.91
6.38
26.29

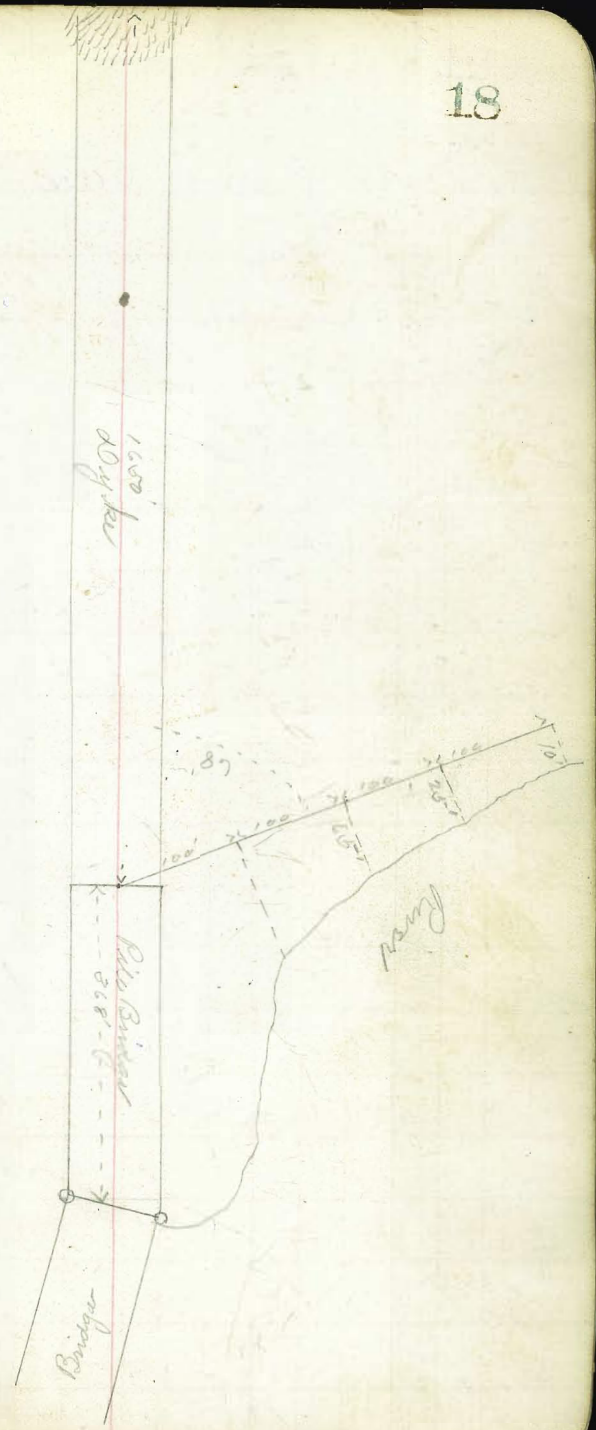
339

Station					
3+04			7.40		
3+20			7.50		
3+36			7.70		
3+52			7.80		
3+68			7.50	10.00	Reading upon Surface of water in River
Stat-	left 20 ft	left 10 ft	Center (23.60)	Right 10 ft	Right 20 ft
+50	15.60 8.00	16.10 7.50	16.10 7.50	16.60 7.00	16.10 7.50
4+00	16.00 7.60	15.40 8.20	15.60 8.00	15.90 7.70	16.60 7.00
+50	15.60 8.00	15.60 8.00	15.70 7.90	15.90 7.70	16.00 7.60
5+00	15.40 8.20	15.60 8.00	15.30 8.30	15.60 8.00	15.60 8.00
50	16.20 7.40	15.60 8.00	14.90 8.70	14.90 8.70	15.60 8.00
6+00	15.30 8.30	15.40 8.20	15.70 7.90	15.00 8.60	15.90 7.70
50	15.60 8.00	15.80 7.80	15.90 7.70	15.30 8.30	15.00 8.60
7+00	15.20 8.40	15.30 8.30	15.80 7.80	14.90 8.70	15.60 8.00
50	14.70 7.00	15.70 6.00	(21.68) 15.00 6.70	mid	14.70 7.00
8+00	15.90 5.80	15.70 6.00	15.20 6.50	16.10 5.60	16.40 5.30
+50	17.20 4.50	16.90 4.80	16.70 5.00	15.70 6.00	16.40 5.30
9+00	15.60 6.10	16.70 5.00	16.90 4.80	16.60 5.10	16.70 5.00
+50	15.70 6.00	15.70 6.00	15.70 6.00	15.40 6.30	14.70 7.00

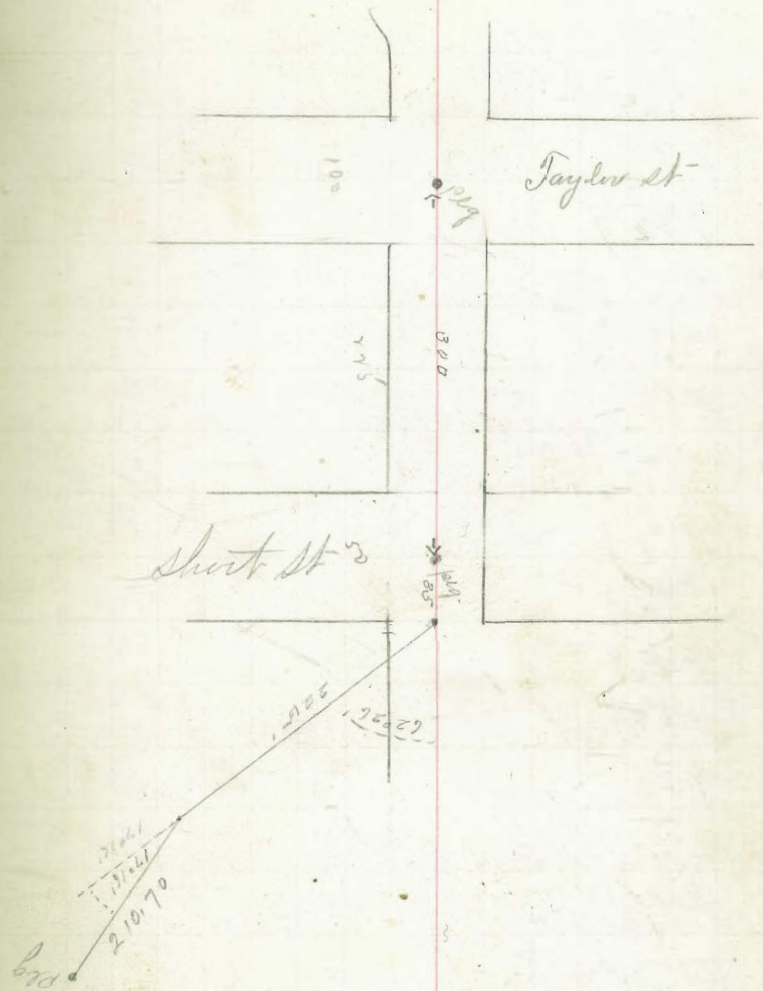
Stat- 3+68 = End of pile bridge

Stat +50 is beginning of Earth dyke, Stat 0+0 to +50 was taken up by adding 3 measurements to pile Bridge

	Left		Center	Right	
7+00	16.10 5.60	16.00 5.70	16.10 5.60	15.70 6.00	15.20 6.50
7+50	15.70 6.00	16.20 5.50	15.70 6.00	16.20 5.50	15.70 6.00
8+00	15.00 6.70	15.60 6.10	15.90 5.80	15.70 6.00	16.00 5.70
+50	15.20 6.50	14.70 7.00	15.60 6.10	16.70 5.00	17.00 4.70
9+00	15.20 6.50	14.70 7.00	15.50 6.20	15.30 6.40	16.90 4.80
+50	13.70 8.00	14.70 7.00	15.20 6.50	15.70 6.00	16.20 5.50
10+00	Mud	Mud	13.40 8.30	13.90 7.80	14.70 7.00
+50	Mud	Mud	13.50 8.20	15.50 6.20	15.30 6.40
11+50	Mud	Mud	13.10 8.60	15.20 6.50	16.70 5.00
13+00	13.70 8.00	14.00 7.70	14.20 7.50	13.00 8.70	12.00 9.70
+50	12.70 9.00	13.10 8.60	12.70 9.00	12.50 9.20	12.50 9.20
14+00	13.10 8.60	12.90 8.80	12.40 9.30	12.10 9.60	12.20 9.50
+50	13.00 8.70	11.70 10.00	11.60 10.10	11.70 10.00	11.70 10.00
15+00	9.70 12.00	11.70 10.00	11.90 9.80	11.90 9.80	11.70 10.00
+50	11.20 10.50	11.20 10.50	10.70 11.00	12.20 9.50	12.70 9.00
16+00	13.40 8.30	13.30 8.40	13.10 8.60	12.70 9.00	12.70 9.00
16+50	14.30 7.40	13.70 8.00	13.30 8.40	12.90 8.80	12.70 9.00
17+00	26.30 0.00	24.30 2.00	(24.30) 26.00 26.30	18.50 7.80	16.60 9.70



Survey of short street in Old Town



Notes on Road through Garritson tract Rose Canon

Mch 7th 1895

Stat	Rod	El.	M.B.	Angle
	100.00	(103.61)		Right
0+0	3.61			
	99.90			
+50	3.70			
	98.90			
1+00	4.70			
	98.60			
+50	5.00			
	95.80			
2+00	7.80			
	92.67			
+50	10.93	92.68		
		(93.59)		
	88.40			
3+00	5.20			
	84.50			
+50	9.10			
	85.40			
4+00	8.20			
	86.60			
+50	7.00			
	85.60			
5+00	8.00			
	81.77			
+50	11.83	81.76		
	75.90	(81.86)		
6+00	5.96	75.90		
		(77.77)		
	74.50			
+50	3.30 Oak tree			84°30'
	72.70			
7+00	5.10			
	72.80			
50	5.00			
	73.50			
8+00	4.30			
	74.00			
+50	3.80			
	77.20			
9+00	0.56	77.21		
		(88.25)		

N 55°10' W Length of Tangent = 650 ft

N 50°35' W

S 0+0 = Center Gassen Road

S 2+19 ft intersect South line of Garritson land — said intersection Being 63 ft East of previous surveyed line

assumed Elev = 100 = S 0+0

3.61
103.61
10.93
92.68
0.91
93.59
11.83
81.76
0.10
81.86
5.96
75.90
1.87
77.77
0.56
77.21
11.04
88.25

	78.30	(88.25)		
9+50	10.00			
	80.50			
10+00	7.80			
	80.10			
+50	8.20			
	78.30			
11+00	10.00			
	77.60			
50	10.70			
	82.00			
12+00	6.30			
	86.00			
+50	2.30			
	87.10			
13+00	1.24	87.01		
	89.40	(94.94)		
+50	5.60			
	89.30			
14+00	5.70			
	89.70			
+50	5.30			

N 50° 35' W Mag.
Length of Tangent = 800 ft

Mag	Stadia	ang right
N 84° 15' W	156 ft	146° 20'
N 65° 45' W	235 ft	198° 26'
N 35° 40' W	148 ft	210° 8'
N 78° 50' W	228 ft	136° 50'
N 51° 35' W	153 ft	207° 14'
N 70° W	—	161° 40'

14 50
6 50
8 00

88.25
1 24
87.01
7 93
94.94

from S 14+50 to S 23+75 a Contour arcade of 2% [illegible]

this distance = 2nd Corner in previous survey

Fourth Street.

Stat	West	Curb	10'	R.R. Center	10'	Curb	East
	205.6	205.1	(214.07) 205.2	205.2	205.5	207.0	209.0
0+0	8.80	9.00	8.90	8.90	8.60	7.10	5.10
	203.1	204.9	205.6	205.9	206.5	208.1	209.6
+40	11.00	9.20	8.60	8.20	7.60	6.00	4.60
	202.6	204.9	Top Bank 206.7	206.1	Top Bank 209.4	209.1	211.6
0+0	11.60	9.20	7.40	8.00	4.70	6.00	2.60
	206.6	208.6	208.9	207.2	209.9	211.8	212.6
+50	7.80	5.60	5.20	6.90	4.20	2.30	1.60
	207.1	(213.32) 209.4	210.6	208.3	215.6	(220.84) 216.8	217.7
1+00	6.20	3.90	2.70	5.00	5.30	4.60	3.20
	206.6	208.9	210.5	209.3	216.9	218.9	219.5
+50	7.00	4.40	2.80	4.00	4.00	2.00	1.40
	203.5	205.2	210.6	210.4	214.7	216.2	218.2
2+00	9.80	8.10	3.00	10.50	6.20	4.70	2.70
	194.2	(208.36) 199.9		211.2	210.8	211.4	212.2
+50	9.20	4.30	R.R.	9.70	10.10	9.50	8.70
	190.4	197.4		211.9	211.5	210.8	211.1
3+00	13.00	6.00	R.R.	9.00	9.40	10.60	9.80
	196.2	203.4		212.6	212.5	210.7	211.2
+40	7.20	0.00	R.R.	8.80	8.40	10.20	9.70
	198.2	(206.75) 203.4		213.4	212.5	210.8	211.6
0+0	8.60	3.40	R.R.	7.50	8.40	10.10	9.40
	200.8	203.6		215.0	213.4	211.7	211.7
+50	6.00	3.20	R.R.	5.90	7.50	9.20	9.20
	197.8	201.8		215.4	213.4	212.1	212.1
+75	9.00	5.00	R.R.	5.50	7.50	8.80	8.80
	204.0	205.1		216.3 Cir Hub Switch 4.60	210.7 (204.7) 10.70	213.1	213.3
1+00	2.80	1.70	R.R.			7.80	7.60
	210.9	(216.26) 210.0		217.8 on Cir Switch 3.10	213.9 8.00	215.3	215.7
+50	5.40	6.30	R.R.			5.60	5.20
	214.8	210.9		219.8 Cir Hub main tracks 1.00	216.9 4.00	218.1	219.7
2+00	1.60	2.40	R.R.			2.80	1.70
	218.9	218.7	(230.79) 224.4	222.0	220.6	222.2	223.6
+50	11.80	12.00	9.60	8.70	10.10	8.50	7.10
	222.0	222.6	223.4	223.7	223.9	225.1	226.8
3+00	8.70	8.10	7.30	7.00	6.80	5.60	3.90
	224.6	225.2	225.7	224.5	225.7	228.1	229.4
+40	6.40	5.60	5.00	6.20	5.60	2.60	1.60

Dry Juniper Yakima

206.00 B.M. Dry - 4th
8.07
214.07
1.29
212.78
8.76
220.94 = 220.94
0.16
220.29
10.41
230.70

The R.R. Cut is 20 ft wide

Bottom of above R.R. Cut is grade.

206.00
7.32
213.32
11.59
201.73
1.73
200.36
4.58
195.83
7.45
206.78
0.50
206.28
9.48
216.26
1
216.26 21 feet from East property line
9.60 30 feet from East property line
225.86

From Station 2+50 width allowed for R.R. Grade 10 ft

224.56
5.50
219.06

200.70
11.80
218.90

25 " " " " "

Bottom Cable Concrete is about 3 feet below top of R.R. Rail on West side and from Cir Juniper 20 off North.

279.

Fourth Street

Stat.	West	curb	6'	R.R. Center	6'	curb	East
0+0	227.8 9.80	228.4 9.20	228.9 8.70	(237.64) 225.6 12.10	229.2 8.40	231.13 6.30	232.4 5.20
+50	228.6 9.30	230.9 6.70	231.6 6.00	228.6 9.30	233.2 4.40	234.9 2.70	236.1 1.50
1+00	234.1 3.50	233.9 3.70	233.8 3.80	230.9 6.70	235.2 2.40	236.9 0.70	237.6 0.00
+50	236.5 8.50	237.0 8.00	236.9 8.10	(245.03) 233.7 11.30	237.7 7.50	238.6 6.40	239.6 5.50
2+00	238.7 6.30	239.8 6.20	239.0 6.00	236.6 8.70	239.5 5.50	240.6 4.40	241.3 3.70
+50	240.8 4.20	241.7 3.80	241.0 4.00	239.0 6.00	241.3 3.70	242.4 2.60	242.7 2.30
3+00	242.5 2.50	243.0 2.00	243.0 2.00	241.6 3.40	242.4 2.60	243.6 1.40	244.0 1.00
+40	241.9 10.30	242.3 9.90 243.0	(252.25) 242.7 9.50	242.2 10.00	242.7 9.50	243.0 9.20	243.2 9.00
Bottom Banks. 0+0	247.6 5.60 244.0 8.20	244.2 7.70	244.6 7.60	243.1 9.10	244.4 7.80	242.8 8.40 245.1 7.10	242.9 8.30 246.2 6.00
+50	246.6 6.60	246.2 6.00	246.4 5.80	244.6 7.60	246.0 6.20	246.9 5.30	247.5 4.70
1+00	249.6 5.30	247.1 5.10	247.4 4.70	246.2 6.00	247.6 4.60	248.4 3.80	248.6 3.60
+50	248.1 4.10	248.3 3.90	248.4 3.80	247.8 4.40	248.6 3.60	249.4 2.80	249.6 2.60
2+00	249.7 3.00	249.5 2.70	249.6 2.60	249.4 2.80	250.7 1.50	250.8 1.40	250.9 1.30
+50	250.3 1.70	250.6 1.60	250.7 1.50	250.9 1.30	252.1 0.10	252.0 0.20	251.5 0.70
3+00	251.8 9.30	252.1 9.00	(261.13) 252.5 8.60	252.6 8.50	253.3 7.80	252.5 8.60	252.7 8.40
+40	252.7 8.40	252.9 8.20	253.3 7.80	253.3 7.80	253.8 7.30	253.4 7.70	254.2 6.90
0+0	253.7 7.40	254.0 7.10	253.3 7.80	254.0 7.10	254.0 7.10	254.1 7.00	254.7 6.40
50	255.0 6.10	254.5 6.60	255.0 6.10	255.7 5.90	256.0 6.10	255.4 5.70	256.1 5.00
1+00	256.3 4.80	255.8 5.30	256.4 4.70	256.4 4.70	256.4 4.70	256.7 4.40	257.1 4.00

Maple

245.03
27
2428

230.70
196
228.76
889
237.64
089
236.75
828
246.03

242.76
9.50
252.25
147
250.78
1036
261.13

Fourth Strut

West	Strut	curb	5'	Centre	5'	Curb	East
	256.6	256.8	257.6	257.8	257.6	257.9	258.6
+00	3.50	4.30	3.50	3.30	3.50	3.20	2.50
	258.6	258.1	259.0	259.0	259.6	259.4	259.4
2+00	2.50	3.00	2.10	2.10	1.50	1.70	1.70
	259.9	259.4	260.2	260.2	261.0	260.5	261.0
+50	1.20	1.70	0.90	0.90	0.10	0.60	0.10
	261.2	260.6	261.4	(268.91) 261.5	262.2	261.7	262.0
3+00	7.70	8.30	7.50	7.40	6.70	7.20	6.90
	261.7	261.8	262.2	262.0	262.4	262.5	262.6
+40	7.20	7.10	6.70	6.90	6.50	6.40	6.30
	262.8	262.8	263.7	262.5	264.2	263.1	263.5
0+00	6.10	6.10	5.26	6.40	4.70	5.80	5.49
	263.4	263.9	264.9	262.9	264.9	263.4	264.2
+50	5.50	5.00	4.00	6.00	4.00	5.50	4.70
	264.7	265.1	265.6	263.4	266.0	264.7	265.6
1+00	4.20	3.80	3.30	5.50	2.90	4.20	3.60
	265.8	265.9	267.2	263.8	267.3	265.8	266.0
+50	3.10	3.00	1.70	5.10	1.60	3.10	2.90
	266.3	266.6	267.4	264.2	267.1	266.3	266.3
2+00	2.60	2.30	1.50	4.70	1.80	2.60	2.60
	267.0	267.3	(274.31) 268.1	264.7	269.1	267.7	267.6
+50	2.30	2.00	6.20	5.60	5.20	6.60	6.70
	267.6	268.6	268.6	265.0	269.3	268.6	268.9
3+00	6.70	5.70	5.70	9.30	5.00	5.70	5.40
	267.7	268.6	268.7	265.3	270.7	269.2	269.4
+40	6.60	5.70	5.60	9.00	3.66	5.10	4.90
	268.0	268.9	269.3	265.5	270.3	269.9	270.0
0+00	6.30	5.40	5.00	8.80	4.00	4.40	4.30
	268.7	270.2	270.3	265.8	270.8	270.6	270.9
+50	5.60	4.10	4.00	8.50	3.50	3.70	3.40
	268.0	269.6	269.8	266.0	271.0	271.1	271.3
1+00	6.30	4.70	4.50	8.30	3.30	3.20	3.00
	267.9	268.8	269.2	266.3	270.9	270.9	271.6
+50	6.40	5.50	5.10	8.00	3.40	3.40	2.70
	269.5	269.7	270.0	266.6	270.1	270.5	271.7
2+00	4.80	4.60	4.30	7.70	4.20	3.80	2.60
	271.3	271.0	271.2	266.9	271.2	271.8	272.3
+50	3.00	3.30	3.10	7.40	3.10	2.50	2.00
	269.3	269.6	269.5	267.1	271.2	272.7	273.0
3+00	5.00	5.00	4.80	7.20	3.10	1.60	1.30

27431
27138
293

261.13
66
260.47
844
268.91
461
26430
1041
27431

South

Stat	West	Cut		Centre		Cut	East
			(273.49)	RR			
+40	268.6	268.5	269.5	267.1	270.4	271.7	272.4
	5.20	5.00	4.00	6.40	3.10	1.80	1.10
0+0	268.0	268.4	268.6	267.1	269.0	269.7	270.2
	5.60	5.10	5.20	6.40	4.60	3.80	3.30
	East Prof (277.68)	(268.38)	East Edge	6.10	West Edge	Cut	West Property
+20	269.68 8.40	262.3	261.5	Bridge	261.1	262.4	(270.01) 264.3
		6.10	6.60		6.60	7.60	5.70
	263.1	256.0	6.40		5.20	248.0	(260.27) 248.3
+40	5.30	12.40	249.0	249.0	18.00	12.30	12.00
			24.60		24.60		(241.60)
	261.8	254.4	6.30		6.40	236.9	235.3
+60	6.60	14.00	26.00	239.6	27.60	4.70	6.30
			32.30		33.90		(230.27)
	265.6	255.4	6.20		6.20	227.3	225.1
+80	2.90	13.00	27.00	234.3	33.20	3.00	5.20
			33.20		39.20		
	268.3	253.4	6.10		6.10	226.3	218.9
1+00	5.10	15.60	28.00	236.4	32.10	4.00	11.40
			34.10		38.10		
	268.4	256.1	5.80		5.80	226.3	221.4
+20	0.00	12.30	26.00	237.1	30.60	2.00	6.90
			31.80		36.40		
	265.1	256.8	5.70		5.80	234.1	(241.14) 231.7
+40	3.30	11.60	22.00	240.7	27.00	7.00	9.40
			27.70		32.80		
	(272.64)		5.60		5.60	246.1	(251.30) 241.6
+60	269.8 2.80	263.4 9.20	17.60	250.0	18.00	5.20	9.70
			23.20		23.60		
	270.8	269.8	5.80		5.40	252.7	(254.18) 248.9
+80	1.80	2.80	7.60	End Bridge	10.60	7.60	12.30
			13.40	261.6	15.00		
			268.0		267.8	275.62	256.7
2+00	270.4 2.20	269.4 3.20	5.60		6.70	9.00	4.60
	270.0	269.0	268.2		267.8	267.1	255.6
+20	2.60	3.60	5.80		5.70	8.50	5.60
	270.0	269.4	268.2		267.5	266.6	255.0
+40	2.60	3.20	5.30		6.00	10.00	6.20
	270.6	269.8	268.2		263.5	256.4	(256.77) 248.2
+60	2.00	2.80	5.30	Bridge	10.00	1.40	8.60
			5.20		5.30		
	269.8	268.7	6.00		13.00	250.2	246.9
+80	2.80	4.40	262.2	255.2	18.30	6.60	9.90
			11.20				
	264.3	259.1	5.30		5.80	243.4	(245.28) 239.0
3+00	8.30	13.50	16	248.7	19.60	1.80	6.20
			257.2		24.80		
	(264.88)		5.20		5.30	236.2	230.7
+20	258.3 6.60	251.4 13.50	24	242.2	26.00	10.00	14.80
			29.20		31.30		
	262.2	254.8	5.20		5.30	235.8	231.2
+40	2.70	10.60	25.00	240.2	28.00	9.40	14.00
			243.2		33.30		

Street

		BM 268.97
11.65		1.04
2330		270.01
		11.30
		258.71
		13.6
		260.27
		11.02
		249.26
		1.79
		251.04
		11.36
		239.68
		1.92
		241.60
		11.79
		229.81
		0.46
		230.27
		0.78
		229.49
		11.65
241.14		217.84 241.14
1.62		1.62
239.52		216.22
11.78		11.78
251.30		228.00
1.44		1.44
249.86		226.56
11.32		11.32
261.18		237.88
11.20		11.20
249.98		226.68
6.79		1.79
256.77		228.47
11.80		11.80
244.97		216.67
0.86		0.36
256.83		222.03

Fourth Street

Stat	East Curb		East Edge	Center	West Edge	West Curb
	263.4	258.0	5.30		5.20	
+60	1.50	6.90	17.50		20.00	243.3
		250.7	22.80	248.13	25.20	2.00
	(275.00)		5.20		5.20	
	269.7	266.4	6.80	258.8	9.80	254.6
+80	5.30	8.60	11.70	End Bridge	14.70	3.30
		261.8				
	269.8	269.6	268.7		268.13	260.9
0+0	5.20	5.40	4.80		5.20	4.70
	270.2	269.4	267.0	248.2	265.8	262.8
+20	4.80	5.60	6.60	4.80	7.70	2.00
			East Edge	(271.12)	West Edge	
	270.13	269.6	Concrete	5'	Concrete	256.2
+40	4.70	5.40	5.10	R R	5.50	9.60
			266.0		265.6	
	271.5	270.5	268.1		265.8	254.7
+60	3.50	4.50	3.00		5.30	4.20
	271.5	270.7	267.0		263.13	253.7
+80	3.50	4.30	4.10		7.80	5.20
	271.6	271.0	268.7		260.3	254.4
1+00	3.40	4.00	2.40		10.80	4.80
	271.7	271.1	269.0		266.1	258.9
+20	3.30	3.90	2.10		5.00	0.00
	270.6	269.9	269.2		268.13	259.0
+40	4.40	5.10	1.90		2.80	3.00
	269.5	269.0	268.9		262.0	254.0
+60	5.50	6.00	2.20		9.10	8.00
	269.1	268.8	268.9		262.2	257.2
+80	5.90	6.20	5.20		8.90	4.80
	269.9	269.13	267.8		265.6	264.8
2+00	5.10	5.70	3.30		5.50	3.70
	271.0	269.5	269.0		267.7	266.9
+20	4.00	5.50	2.10		3.40	1.60
	271.9	270.8	269.0		268.6	266.7
+40	3.10	4.20	2.10		2.60	1.80
	273.2	272.0	269.5		268.8	266.5
+60	1.80	3.00	1.60		2.30	2.00
	273.1	272.6	269.2		269.2	265.5
+80	1.30	2.40	1.90		1.90	3.00
	273.5	272.13	269.2		269.13	266.3
3+00	1.50	2.70	1.90		1.80	2.20
	273.1	272.2	269.3	Center R.R.	269.3	265.4
+20	1.30	2.80	1.80	R R	1.80	3.10
+40			<- - -	5' - - - >		267.8
						0.70

West

222.08			
(245.33)	237.7		
	7.60		
(231.72)			
(254.92)	247.0		
	7.90		
(242.58)			
(265.78)	254.9		
	10.90		
	209.7		
	6.10		
	251.0		
	14.50		
236.70			
(258.40)	246.6		
	12.30		
	244.9		
	14.60		
	246.9		
	12.00		
	251.3		
	7.60		
(228.84)			
(262.04)	250.0		
	12.00		
	247.0		
	15.00		
	256.4		
	5.60		
245.30			
(268.80)	263.13		
	5.20		
	264.5		
	4.00		
	262.5		
	6.00		
	259.5		
	9.00		
	257.8		
	10.70		
	260.5		
	8.00		
	257.6		
	10.90		
	260.9		
	7.60		

245.23 / 159 / 243.64 / 11.28 / 254.92 / 0.08 / 254.87 / 10.91 / 265.78 / 11.00 / 254.78 / 4.12 / 258.90 / 4.67 / 254.23 / 7.81 / 262.04 / 11.78 / 260.86 / 7.64 / 268.50

222.08 / 1.59 / 223.67 / 11.28 / 234.95 / 0.08 / 234.87 / 10.91 / 245.78 / 11.00 / 234.78 / 4.12 / 238.90 / 4.67 / 234.23 / 7.81 / 242.04 / 1.78 / 240.26 / 7.64 / 247.90

273.49 / 4.42 / 269.07 / 2.08 / 271.12

231.58 / 11.66 / 243.24 / 3.99 / 240.25 / 8.21 / 248.36 / 1.46 / 246.90 / 5.63 / 252.53 / 3.24 / 249.10 / 2.38 / 272.4 con 18 m

Cut Spruce

272.41 / 3.24

272.38 / 3.24 / 276.62

Fourth Street

Stat	West	Curb	5'	R.R. Centre	5'	Curb	East
+60			269.7 5.90	(275.62) 270.0 5.60	269.5 6.10	271.1 3.90	272.9 2.70
0+0	Cor Hotel 267.3 8.30	269.0 6.60	269.8 5.80	269.8 5.80	269.9 5.70	271.7 3.90 top 270.3 5.30 Bottom	272.9 2.70 top 271.0 4.60 Bottom 0+0 North line Redwood
+50	269.6 6.00	269.5 6.10	270.2 5.40	270.4 5.20	270.3 5.30	270.9 4.70	271.2 4.40
1+00	270.2 5.40	270.3 5.30	270.5 5.10	270.8 4.80	270.6 5.00	271.1 4.50	271.2 4.40
+50	270.2 5.40	270.6 5.00	270.9 4.70	271.2 4.40	271.1 4.50	271.2 4.40	271.6 4.00
2+00	271.0 4.60	270.5 5.10	271.5 4.10	271.7 3.90	271.5 4.10	271.8 3.80	272.4 3.20
+50	271.9 3.70	271.4 4.20	271.8 3.80	272.2 3.40	271.8 3.80	271.9 3.70	272.7 2.90
3+00	271.9 3.70	271.7 3.90	272.2 3.40	272.5 3.10	272.3 3.30	272.5 3.10	273.1 2.50
+40	272.1 3.50	272.1 3.50	272.0 3.60	272.3 3.30	272.0 3.60	272.4 3.20	272.6 3.00
0+0	272.4 3.20	272.3 3.30	272.6 3.00	272.8 2.80	272.8 2.80	272.8 2.80	273.4 2.20
+50	273.0 9.80	272.9 9.90	273.7 9.10	(282.78) 274.1 8.70	273.9 8.90	273.1 9.70	273.3 9.50
1+00	274.0 8.80	273.5 9.30	274.8 8.00	275.0 7.80	274.6 8.20	272.8 10.00	272.8 10.00
+50	275.0 7.80	274.6 8.20	275.8 7.00	275.9 6.90	275.8 7.00	273.4 9.40	273.4 9.40
2+00	276.3 6.50	276.4 6.40	276.4 6.40	276.9 5.90	276.3 6.50	274.8 8.00	275.0 7.80
+50	277.0 5.80	277.3 5.50	277.6 5.20	278.0 4.80	277.6 5.20	276.3 6.50	275.8 7.00
3+00	278.7 4.10	278.6 4.20	278.7 4.10	278.9 3.90	278.3 4.50	277.4 5.40	276.7 6.10
+40	280.5 2.30	279.3 3.50	279.1 3.70	279.2 3.60	278.9 3.90	277.7 5.10	277.2 5.60
0+0	280.8 2.00	280.1 2.70	279.3 3.50	279.4 3.40	279.3 3.50	278.1 4.70	277.8 5.00
+50	280.8 2.00	280.4 2.40	280.4 2.40	280.2 2.60	279.8 3.00	278.8 4.00	279.0 3.80

Spruce

Thorn

275.62
2.58
273.04
9.24
282.78
1.99
280.79
9.73
290.52

Fourth Street

Stat	West	Curb	5'	Centre	5'	Curb	East	
				290.52				
1+00	281.7 8.80	281.0 9.50	280.8 9.70	281.1 9.40	280.5 10.00	280.0 10.50	280.1 10.40	
+50	282.2 8.30	282.0 8.50	281.7 8.80	281.9 8.60	281.5 9.00	281.3 9.20	281.6 8.90	
2+00	282.7 7.80	282.4 8.10	282.5 8.00	282.7 7.80	282.5 8.00	282.2 8.30	282.4 8.10	
+50	283.4 7.10	283.5 7.00	283.4 7.10	283.6 6.90	283.2 7.30	283.1 7.40	283.2 7.30	
3+00	285.1 5.40	284.9 5.60	284.2 6.30	284.3 6.20	284.0 6.50	283.5 7.00	283.8 6.70	
+40	286.1 4.40	286.1 4.40	286.2 4.30	284.7 5.80	285.0 5.50	284.5 6.00	284.5 6.00	
0+00	286.7 3.80	287.0 3.50	287.5 3.00	284.9 5.60	286.5 4.00	285.4 5.10	285.3 5.20	
+50	287.3 3.20	287.4 3.10	287.5 3.00	285.5 5.00	287.3 3.20	286.4 4.10	286.3 4.20	
1+00	287.8 2.70	287.4 3.10	287.0 3.50	286.1 4.40	287.7 2.80	287.4 3.10	287.3 3.20	
+66.8	287.6 2.90	287.8 2.70	286.9 3.60	286.9 3.60	288.0 2.50	288.5 2.00	288.2 2.30	South line Walnut
				R. R. Cut				
0+0	<-287.8 6.80	25' 287.6 7.00	287.8 6.80	287.7 10 (294.58) 6.90	<-35' 287.5 7.10	287.5 7.10	287.6 7.00	North line Walnut
50	288.1 6.50	287.9 6.70	288.4 6.20	287.8 6.80	287.6 7.00	287.6 7.00	288.0 6.60	
1+00	288.2 6.40	288.3 6.30	288.7 5.90	287.9 6.70	288.0 6.60	287.9 6.70	288.1 6.50	
+50	288.6 6.00	288.3 6.30	288.7 5.90	288.1 6.50	289.5 5.10	288.9 5.70	289.0 5.60	
2+00	289.1 5.50	288.7 5.90	289.4 5.20	288.3 6.30	289.7 4.90	289.3 5.30	289.3 5.30	
+50	289.5 5.10	289.3 5.30	289.4 5.20	288.4 6.20	289.6 5.00	289.8 4.80	289.6 5.00	
3+00	289.7 4.90	289.4 5.20	289.7 4.90	288.6 6.00	289.9 4.70	289.9 4.70	289.9 4.70	
+50	289.6 5.00	289.5 5.10	290.3 4.30	287.7 6.90	290.6 4.00	290.3 4.30	290.3 4.30	

290.52
24
288.12

290.52
285.12
5.40

288.18 BM
6.40
294.58
9.99
284.59
5.54
290.13

Fourth Street

Stat	West	Curb		Cente		Curb	East
4+00	289.8 4.80	289.9 4.70	290.6 4.00	287.0 7.60	290.6 4.00	290.5 4.10	290.4 4.20
+50	290.0 4.60	289.9 4.70	290.6 4.00	286.1 8.50	290.6 4.00	290.6 4.00	290.3 4.30
5+00	289.9 4.70	290.0 4.60	290.6 4.00	285.2 9.40	290.8 3.80	290.2 4.40	289.9 4.70
50	285.9 8.70	285.6 9.00	286.3 8.30	284.4 10.20	286.9 7.70	286.5 8.10	286.1 8.50
6+00	283.0 7.10	283.0 7.10	290.13 284.2 5.90	283.6 6.50	285.0 5.10	284.1 6.00	284.1 6.00
+30	282.7 7.40	282.6 7.50	283.6 6.50	283.4 6.70	284.8 5.30	283.7 6.40	284.1 6.00
0+0	283.1 7.00	282.5 7.60	283.4 6.70	283.6 6.50	284.1 6.00	284.3 5.80	284.3 5.80
50	283.0 7.10	283.4 6.70	283.7 6.40	283.7 6.40	283.7 6.40	284.5 5.60	285.3 4.80
1+00	283.3 6.80	283.3 6.80	283.9 6.20	283.9 6.20	284.4 5.70	284.8 5.30	284.6 5.50
50	283.4 6.70	283.4 6.70	283.6 6.50	284.1 6.00	284.7 5.40	284.5 5.60	284.2 5.90
2+00	283.4 6.70	283.5 6.60	283.8 6.30	284.2 5.90	284.0 6.10	284.1 6.00	284.0 6.10
50	283.8 6.30	283.6 6.50	283.8 6.30	284.3 5.80	284.1 6.00	283.8 6.30	283.6 6.50
3+00	283.2 6.90	283.4 6.70	283.6 6.50	284.5 5.60	284.0 6.10	283.3 6.80	283.4 6.70
50	284.2 5.90	284.1 6.00	284.5 5.60	284.7 5.40	283.6 6.50	283.6 6.50	283.6 6.50
4+00	284.6 5.50	284.4 5.70	284.8 5.30	284.9 5.20	285.3 4.80	284.3 5.80	284.7 5.40
50	284.9 6.10	284.9 6.10	(291.05) 285.3 5.70	285.0 6.00	285.6 5.40	285.4 5.60	285.4 5.60
5+00	285.2 5.80	285.4 5.60	285.5 5.50	285.2 5.80	286.6 4.40	285.5 5.50	285.6 5.40
50	286.0 5.00	286.0 5.00	285.4 5.60	285.3 5.70	286.1 4.90	285.5 5.50	285.9 5.10
6+00	285.0 6.00	285.0 6.00	285.3 5.70	285.5 5.50	286.1 4.90	285.2 5.80	284.6 6.40

Brookes

290.13
5.13
285.00
6.05
291.05

290.13
6.5
183.6

Fourth Street

Stat	Stat	cent		Cente		Cent	East
Elevation	285.1	284.9	285.4	285.5	285.9	285.0	284.9
00	5.90	6.10	5.60	5.50	5.10	6.00	6.10
0+00	285.1	285.0	285.4	285.6	286.0	285.7	285.6
	5.90	6.00	5.60	5.40	4.70	5.30	5.40
50	285.7	285.5	286.0	285.8	286.6	285.7	285.7
	5.30	5.50	5.00	5.20	4.40	5.30	5.30
1+00	286.0	285.6	286.1	286.1	286.6	286.7	286.2
	5.00	5.40	4.90	4.90	4.40	4.30	4.80
50	286.2	285.9	286.4	286.8	286.7	287.3	287.3
	4.80	5.10	4.60	4.70	4.30	3.70	3.70
2+00	285.4	285.5	286.3	286.7	286.5	286.9	286.4
	5.60	5.50	4.70	4.20	4.50	4.10	4.60
50	285.6	285.5	286.8	286.9	287.7	286.7	286.8
	5.40	5.50	4.20	4.10	3.30	4.30	4.20
3+00	286.8	286.8	287.1	287.3	286.8	286.7	286.8
	4.20	4.20	3.90	3.70	4.20	4.30	4.20
50	287.0	287.1	287.4	287.6	287.4	287.5	287.4
	4.00	3.90	3.60	3.40	3.60	3.50	3.60
4+00	287.8	287.6	(293.76) 287.8	288.0	288.2	287.9	287.8
	6.00	6.20	6.00	5.80	5.60	5.90	6.00
50	288.2	287.9	287.9	288.2	288.4	288.5	288.6
	5.60	5.90	5.90	5.60	4.90	5.30	5.20
5+00	288.2	288.3	288.4	288.5	288.8	288.8	288.8
	5.60	5.50	5.40	5.30	5.00	5.00	5.00
50	288.7	288.5	288.3	288.7	289.0	288.9	288.7
	5.10	5.30	5.50	5.10	4.80	4.90	5.10
6+00	288.7	288.5	288.8	289.1	289.8	289.1	289.0
	5.10	5.30	5.00	4.70	4.00	4.70	4.80
30	289.5	289.4	288.9	289.2	290.1	288.9	289.1
	4.30	4.40	4.90	4.60	3.70	4.90	4.70
Robinson 0+00	289.4	289.1	289.0	289.2	289.9	289.3	289.1
	4.40	4.70	4.80	4.60	3.90	4.50	4.70
+50	289.2	288.9	289.0	288.9	290.4	289.6	289.5
	4.60	4.90	4.80	4.90	3.40	4.20	4.30
1+00	288.8	289.0	288.9	288.7	289.4	289.1	289.2
	5.00	4.80	4.90	5.10	3.90	4.70	4.60
50	288.9	288.8	288.5	288.6	290.0	289.0	288.6
	4.90	5.00	5.30	5.20	3.80	4.80	5.20

291.05
3.62
287.43
6.33
293.76

29376
4.6
289.1

Fourth St

Stat-	Stat	Gutter		Curb		Gutter	East
2+00	288.9 4.90	288.6 5.60	288.2 5.60	288.4 5.40	288.8 5.00	288.6 5.30	288.9 4.90
50	288.4 5.00	288.1 5.30	288.1 (293.44) 5.30	288.2 5.20	288.7 4.70	288.2 5.20	288.8 4.60
3+00	288.3 5.10	288.2 5.20	287.9 5.50	288.0 5.40	288.1 5.30	288.3 5.10	288.3 5.10
50	287.8 5.60	287.6 5.80	287.7 5.70	287.8 5.60	287.7 5.70	288.0 5.40	288.0 5.40
4+16	287.5 5.90	287.4 6.00	287.4 6.00	287.5 5.90	287.5 5.90	287.6 5.80	288.1 5.30

293.76
5.85
288.41
6.08
293.44
5.82
289.92

Dykes at Old Town

Station	Dist Center East Slope Stake	Center	Dist Center West Slope Stake
+50	19.50	6.90	21.00
1+00	19.00	7.40	20.00
+50	20.50	7.30	20.50
2+00	21.00	7.70	20.50
+50	21.00	8.10	20.00
3+00	22.00	7.30	20.50
50	22.00	7.10	22.00
4+00	22.00	7.20	22.00
50	22.00	8.00	22.00
5+00	20.00	7.80	20.50
50	20.00	6.30	18.00
6+00	20.50	6.00	19.50
50	22.00	7.30	21.00
7+00	22.00	6.90	20.00
50	22.50	7.30	21.00
8+00	20.50	7.10	23.00
50	19.00	8.00	22.00
9+00	19.00	7.50	21.00
+50	20.50	7.80	24.00

Stat	Dist East Slope St	Center	Dist West Slope St
10+00	23.50	9.60	23.50
+50	24.50	9.30	24.00
11+00	19.00	9.90	25.00
+50	21.00		24.00
12+00	23.00		23.00
+50	24.00	10.50	23.00
13+00	26.00	8.80	23.00
+50	25.00	10.30	25.00
14+00	26.00	10.60	25.00
+50	28.00	11.40	25.00
15+00	26.00	11.10	25.00
+50	25.00	12.30	27.00
16+00	25.00	9.90	25.00
+50	25.00	9.70	22.50
17+00	20.00	2.00	cut

Angle at Iron Bridge with pile Bridge is 19°2'

Length of Shortest side of Span at Iron Bridge is 14.70 feet

Stat	West	Center	East
0+0	289.3 4.80	(294.06)	
+30	288.6 5.50		287.1 7.00
+50	288.0 6.10		286.4 7.70
1+00	285.4 8.70		287.7 6.40
+50	285.0 8.10		289.4 4.70
2+00	287.7 6.40		289.9 4.20
+50	288.8 5.30		290.4 3.70
3+00	288.9 5.20		290.2 3.90
+50	288.5 5.60		290.6 3.50
+81	288.5 5.60		290.0 4.10
4+31	284.9 9.20		289.6 4.50
+81	281.3 4.90	(286.24)	285.2 1.00
5+31	279.7 6.50		283.0 3.20
+81	279.8 6.40		282.2 4.00
6+31	279.7 6.50		282.2 4.00
+81	277.8 8.40		280.3 5.90
7+31	273.7 1.40	(275.15)	273.6 1.50
+61	266.7 8.40		263.7 11.40
+81	258.3 6.40	(264.71)	255.3 9.40

Sixth Street

Width of Street at Pringles house 53 ft

Cor Douglass

Cor Douglass

285.12
894
29406
826
28580
044
28624
1195
27429
086
27515
1115
26400
071
26471
1178
25293
131
25424

	Stat	West	Center	East
Brookes	8+11	247.8 6.40	(254.24)	241.2 13.00
	+30	234.9 19.30		234.2 20.00
	0+0	234.7 19.50		247.2 7.00
	+50	(265.04) 252.7 12.30	(275.00)	271.1 3.90
	1+00	268.7 6.30	(286.30)	281.0 3.30
	+25	277.4 8.90		281.8 4.50
	+50	279.1 7.20		282.7 3.60
	2+00	281.2 5.10		285.3 1.00
	+50	283.5 9.20	(292.75)	286.5 6.20
Anderson Place	+75	284.5 8.20		286.9 5.80
	3+25	286.2 6.50		288.9 3.80
	+75	287.8 4.90		288.8 3.90
	4+25	287.7 5.00		287.7 5.00
	+75	285.9 6.80		287.6 5.10
	5+25	285.7 7.00		287.6 5.10
	+75	286.7 6.00		286.9 5.80
Thornton	6+00	285.7 7.00		287.3 5.40
	+30	—		—
	0+0	286.4 6.30		287.0 5.70
	+50	287.0 4.80	(291.83)	287.6 4.20

Sixth St

Cor Brookes

254.24
059
25365
1139
26504
089
26415
1085
27500
0.11
27489
1141
28630
083
28547
728
29275
482
28793
390
29183

at North line Thornton width of Street - 54 ft

Sixth Sheet

Stat	West	Center	East
	287.6		288.1
1+00	4.20		3.70
	288.2		287.9
+50	3.60		3.90
	288.4		287.6
2+00	3.40		4.20
	288.6		287.1
+50	3.50		4.70
	286.8		287.1
+75	5.00		4.70
Grade	286.5		285.4
3+25	5.30		6.40
	286.6		286.8
+50	5.20		5.00
	287.1		285.7
4+00	4.70		6.10
	288.4		285.5
+50	3.46		6.30
	287.2		284.8
5+00	4.60		7.00
	287.8		284.8
+50	4.00		7.00
	285.9		284.4
6+00	5.90		7.40
Rise	287.4		284.4
0+0	4.40		7.40
	286.4	(290.12)	284.5
+50	3.70		5.60
	286.6		285.2
1+00	3.50		4.90
	287.7		284.8
+50	2.40		5.30
	286.5		285.0
2+00	3.60		5.00
	287.2		286.4
+50	2.90		4.70
	287.0		285.4
3+00	3.10		4.70

291.83
4.65
287.18
2.80
290.12

291.83
5
286.83

Sixth Street

Stat	West	Center	East
+50	286.1 4.00		285.1 5.00
4+00	286.1 4.00		284.6 5.50
+16	286.4 3.70		284.2 5.90
+44			284.0 6.10
			283.3 6.80 on R.R. (Cable track)

Robinson Ave

Stat	North	South	
0+0	284.5 0.90	285.40 284.3 1.10	running East from 6th Street
+50	281.8 3.60	283.5 1.90	
1+00	280.2 5.20	280.7 4.70	
+50	279.5 5.90	280.0 5.40	
2+00	278.3 7.10	279.1 6.30	
+50	277.4 8.00	276.5 8.90	
3+00	276.9 8.50	275.4 10.00	
0+0	287.5 6.20	(293.68) 286.1 7.60	Running West from 6th Street
+50	288.6 5.10	289.0 4.70	
1+00	289.4 4.30	288.9 4.80	
+50	289.9 3.80	290.1 3.60	
+98	289.1 4.60	289.4 4.30	

290.12
Robinson 4.90
B.M. N.E. Cor. 285.22
0.18
285.40

285.22
8.46
293.68
289.99
3.69

Stat	West	Centre	East

Evans Place

Stat	North	South
	286.50 (292.53)	286.80
0+0	6.00	5.70
	287.00	287.50
+50	5.50	5.00
	287.50	287.50
1+00	5.00	5.00
	289.10	288.20
+50	3.40	4.30
	287.80	287.10
+97	4.70	5.40
	285.50 on grade 5	285.20 on grade 6
	7.00	7.30

Douglas Place

Stat	North	South
	284.80 (289.57)	288.30
0+0	4.80	1.30
	281.30	284.50
+50	8.30	5.10
	278.90	280.60
1+00	10.70	9.00
	279.60	280.40
+50	10.00	9.20
	282.30	282.40	280.20
+89	7.30	7.20	9.40 at Bottom Slope of Fill

Sixth St

286.83	280.19
5.70	9.38
292.53	289.57

0+0 = 6th street

on North side

Anderson Place

Stat	South	North
	(287.82)	
0+0	284.40 3.40	286.10 1.70
+50	282.40 5.40	284.00 3.80
1+00	281.90 5.90	283.00 4.80
+50	280.80 7.00	282.10 5.70
	278.40 9.40 = Bottom Slope Fill	
+93	280.60 7.20	280.80 7.00

Thornton Ave.

Stat	North	South	
	(290.06)		
0+0	286.40 3.70	286.70 3.40	Thornton West of 6th
+50	285.90 4.20	286.00 4.10	
1+00	285.20 4.90	284.90 5.20	
+50	286.60 3.50	284.00 6.10	
+94	286.40 3.70	284.20 5.90	
	282.90 7.20 on grade	282.50 7.60 on grade 5th	
0+0	287.10 3.00	287.40 2.70	East of 6th
+50	287.00 3.10	287.20 2.90	
1+00	286.40 3.70	286.60 3.50	
+50	284.30 5.80	286.00 4.10	
2+00	283.40 6.70	283.10 7.00	
+50	281.10 5.10	(286.18) 281.50 4.70	
3+00	278.80 7.40	279.50 6.70	

0+0 = 6th st

0+0 = 6th st

0+0 = 6th

280.19
763
287.82

282.57
749
290.06
645
283.61
257
286.18

		R.R. West-	R.R. East-
0+0	286.30	284.30	283.20
	3.12	3.10	3.20

B.M. 286.25
Rod 3.12
289.37

Cross Section Rose Canon Road

Stat	Center	8'	16'	
36+50	4.50	6.80	9.20	
36+00	3.80	7.00	9.40	
35+50	5.10	8.50	11.80	✓
35+00	4.30	7.70	11.00	✓
34+50	3.60	7.10	10.00	✓
34+00	5.30	8.90	13.00	✓
33+50	4.50	8.60	12.00	✓
33+00	8.90	7.50	10.70	
32+50	6.40	9.30	12.50	
32+00	5.60	9.00	11.60	
31+50	5.10	7.00	8.70	
31+00	4.30	5.50	7.00	
+50	3.50	4.80	6.30	
30+00	2.60	3.70	5.00	
+50	2.40	3.50	4.50	
29+00	2.90	3.80	4.70	
+50	3.60	4.70	5.70	
28+00	4.00	5.10	6.40	
+50	4.50	6.10	7.20	

Stat 36+50 = North line Gassen land

Stat-	Centre	8'	16'
27+00	5.00	6.20	7.30
50	5.50	6.50	7.30
26+00	6.00	7.00	8.20
50	6.50	7.60	8.90
25+00	7.00	7.80	8.70
50	7.60	8.40	9.40
24+00	1.60	3.00	4.10
50	2.20	4.10	5.60
23+00	2.80	5.30	7.50
50	3.40	6.30	8.50
22+00	3.80	6.30	9.30
50	4.40	7.00	10.30
21+00	4.90	7.60	10.40
50	3.00	6.40	9.60
20+00	3.50	7.00	9.30
50	3.90	5.00	6.20
19+00	4.20	5.60	6.20
50	4.90	5.60	6.60
18+00	5.20	5.90	7.00

Cross Section Rose Cañon Road

Stat	Center	8'	16'
50	5.70	7.00	8.00
17+00	6.40	7.00	8.30
50	6.90	7.60	8.30
16+00	7.30	8.60	10.00
15+50	2.80	3.40	4.50
15+00	3.20	4.60	5.40
50	3.90	5.00	5.80
14+00	4.40	5.40	6.20
13+50	5.10	6.10	6.90
13+00	5.90	6.90	7.70
50	6.60	8.00	8.90
12+00	7.35	9.50	11.50
50	8.10	10.30	13.00
11+00	8.90	10.70	13.70
50	9.60	11.50	14.00
10+00	2.80	6.50	10.00
50	3.60	7.50	11.00
9+00	4.30	7.20	11.20
50	5.10	8.00	10.90

Stat	Centre	8'	16'
8+00	5.80	7.60	10.00
50	6.60	8.70	10.20
7+00	7.30	9.70	11.50
+50	8.10	10.60	12.80
6+00	8.80	10.80	12.20
+50	9.60	10.40	11.30
5+00	10.30	11.20	12.00
50	4.70	5.10	6.10
4+00	5.40	6.50	7.90
50	6.20	7.80	10.00
3+00	6.90	8.20	10.70
50	7.60	9.50	12.00
2+00	8.40	9.80	11.10
+50	9.20	9.90	10.30

	West- 16'	West- 8'	Centre	East- 8'	East- 16'
1+00	3.90	3.60	4.20	4.80	5.20
+80	5.60	5.60	5.70	6.00	6.60
+60	8.90	7.30	8.10	8.40	8.80
+40	7.70	8.50	9.80	9.70	10.40

Stat 1+00 in grade

Stat.	West 16	West 8	Cente.	East 8	East 10
+30	3.40	7.40	8.30	8.80	9.30
1 20	—	2.00	4.70	6.00	8.20
0+0.			2.20	5.50	7.70

Point of Rocky cactus hill Stat 0+0 is grade

B.M. Spike, driven in West end of A" Culvert this spike is grade of Stat 1+00, Station 1+00 is located as follows. 64.2 from East End & 48.6' from West End of A Culvert.
Station 0+0 is located as follows. 56.8 feet from West end & 39.6 feet from East end of A" Culvert

This portion of the Road begins at the South end of graded portion that was graded by Gordlooky

Stat.	Cente	8	16
0+0	4.40	5.00	7.00
+50	5.00	6.20	7.30
1+00	5.10	6.70	8.00
+50	5.50	7.00	8.00
2+00	5.50	7.00	8.40
50	5.70	7.50	9.20
3+00	5.90	7.90	9.80
+50	6.20	8.10	9.40
4+00	6.30	8.00	9.40
50	6.50	7.50	8.60

Slope of Rocky cactus point 12 feet fall in 28 ft horizontal
From 5+0 to End of graded portion is 250 feet

Stat-	16'	8'	Center	8'	16'
5+00			6.70	8.00	9.00
50			7.00	8.50	10.00
6+00			4.20	6.00	8.00
50			4.40	6.10	8.10
7+00			4.60	6.30	8.20
50			4.80	6.60	8.40
8+00			5.10	7.10	9.00
50			5.20	7.60	9.60
9+00 =	Station		2.40	4.70	7.00
+50 =	1.2		2.60	5.30	7.80
10+00			2.80	5.20	7.30
+25			2.70	5.00	7.20
	East-			West-	
+35	8.00	5.60	4.00	4.00	4.00
+55	5.50	3.40	3.50	2.20	1.00
+80	14.80	13.00	12.00	Same Slope as on East	
11+00	—	10.30	7.80	5.00	3.40
+20	12.00	10.30	7.40	4.60	2.60
+40	12.00	9.50	7.50	5.00	3.00
+60	8.60	7.70	6.20	4.50	2.30

Stat 9+00 is grade, from this Station the cut to make the fill across large gulch begins

	East			West	
	16	8'	Cente	8'	16
+90	10.00	8.50	5.60	2.70	1.00
12+30	13.00	10.50	6.50	3.50	2am slope
+70	11.00	8.40	4.70		
13+00	12.00	8.40	5.00		
0+0	11.70	8.70	5.70		
+50	10.40	8.80	6.60		
1+00	10.80	9.30	7.30		
+50	11.60	10.30	8.50		
	13.00	11.40	9.60		
	7.20	6.00	4.40		
	8.60	7.00	5.40		
	9.20	7.30	6.10		
	10.80	8.50	6.80		
	12.40	9.80	7.60		
	16.00	12.00	8.30		
	6.00	2.60	0.30		
	7.20	3.20	1.00		
	6.80	4.20	11.70		
			2.50		

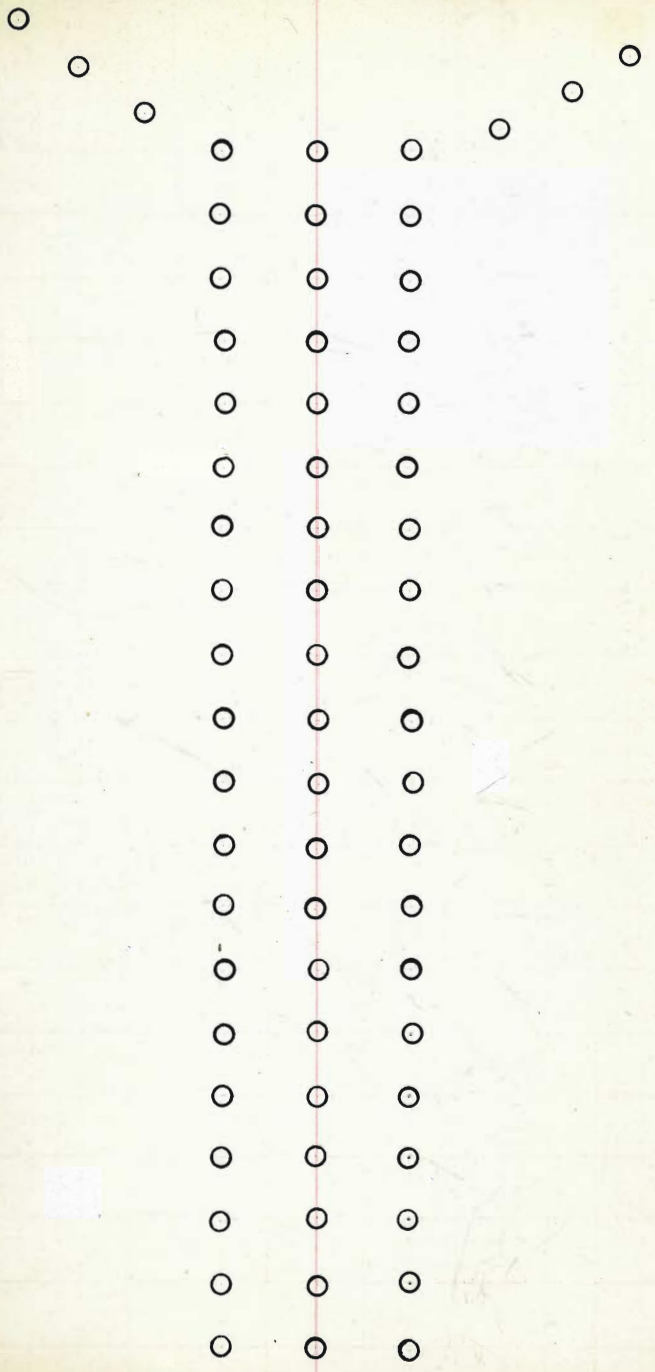
Stat 13+00 is grade, and is end of cut to make fill in large ravine

Rose Canon Road B.M at South End of 2% grade is 7.82 above grade of road

B.M. 9.45' above grade of Road, the 2% grade continues 45 feet beyond to head of grade leading across large fill

B.M 8.90 above grade of Road and at North End grade of big fill, there is 2% grade to North

B.M 5.10 above grade Road and 50 from South End of Goodbody work.
Total fall from B.M 5.10 to B.M 8.90 (on Road grade 3.15' = .40%



Ravine Starts at Center Jumper and runs North to S+75 and will average 5 ft wide and 5 feet deep

	West side					Fourth Street Slopes								
Ivy	Dist out	fall	Dist out	fall	Dist	fall	Dist	fall	Dist	fall	Dist	fall		
	Property line													
0+0														
+50														
1+00														
50	14.00	2.8												
2+00	12.00	3.9	12.00	6.30	10.00	7.00	12.00	5.90	14.00	6.00				
50	14.00	7.10	14.00	5.50	14.00	4.80	14.00	5.00	14.00	1.00				
3+00	14.00	6.50	14.00	4.60	14.00	3.40	14.00	2.00	14.00	2.00	14.00	0.00		
40 Jumper	14.00	6.80	14.00	4.50	11.00	5.50	14.00	0.60	14.00	Rise 0.50	14.00	1.00	14.00	2.40
0+0	14.00	5.40	12.00	4.00	14.00	2.60	14.00	Rise 2.10	14.00	Rise 2.30				
50	14.00	5.90	14.00	level	14.00	Rise 2.40	14.00	Rise 2.30						
+75	14.00	Rise 2.00	14.00	Rise 2.50	14.00	Rise 1.40								
1+00	14.00	Rise 0.80	14.00	Rise 1.00	14.00	Rise 1.30								
2 50														
2+00														

Fourth Street Slopes

West side

Palm	Dist West Property line	fall	Dist	fall	Dist	fall		
0+0								
+20								
+40								
+60	14.00	2.20	14.00	2.50				
80	14.00	3.00	14.00	2.00	14.00	3.00		
1+00	14.00	5.70	14.00	4.00	14.00	2.60	14.00	2.40
20	14.00	4.00	14.00	3.70	14.00	4.20	14.00	3.60
40	14.00	6.00	14.00	5.00	14.00	4.70	14.00	4.50
60	14.00	6.20	14.00	7.30	14.00	6.20		

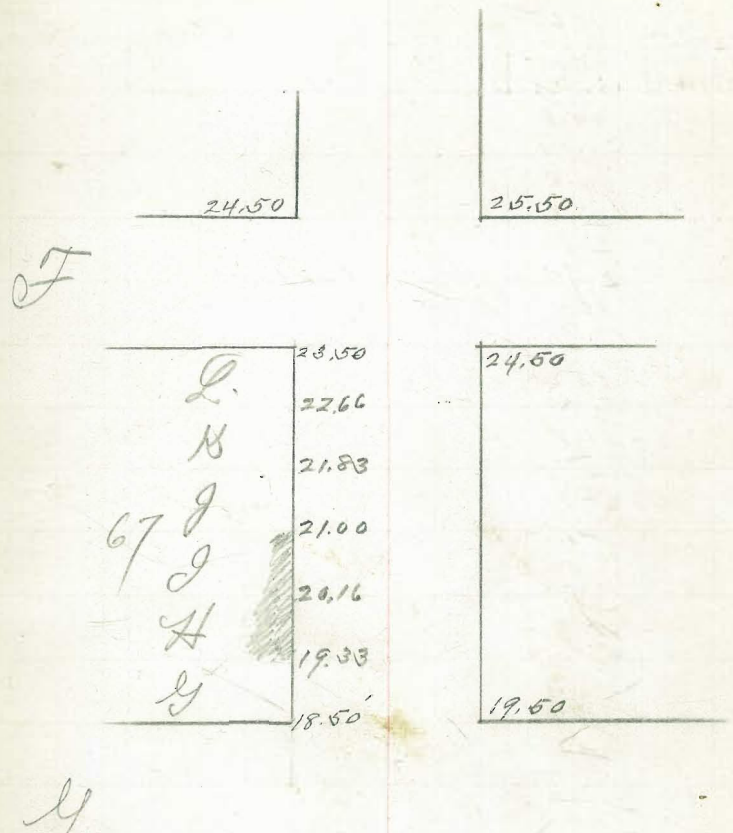
Quince								
0+0 South line	14.00	3.80	14.00	3.70		— — — — — — —		
+20	14.00	4.00	14.00	3.30	14.00	2.80		
+40	14.00	4.40	14.00	4.10	14.00	5.20		
+60	14.00	4.60	14.00	6.00	14.00	4.90		
+80 North line Quince	14.00	5.40						

East side

Dist	"	14.00	Rise 2.8
14.00	Rise 2.8	14.00	7.00
14.00	7.00	14.00	3.80
14.00	3.80	9.00	5.20
9.00	5.20		

Mrs Elya Roberts — Dec 24-95

140	26.94		25.54
		5.94	21.00
		6.78	20.16
		7.61	19.33

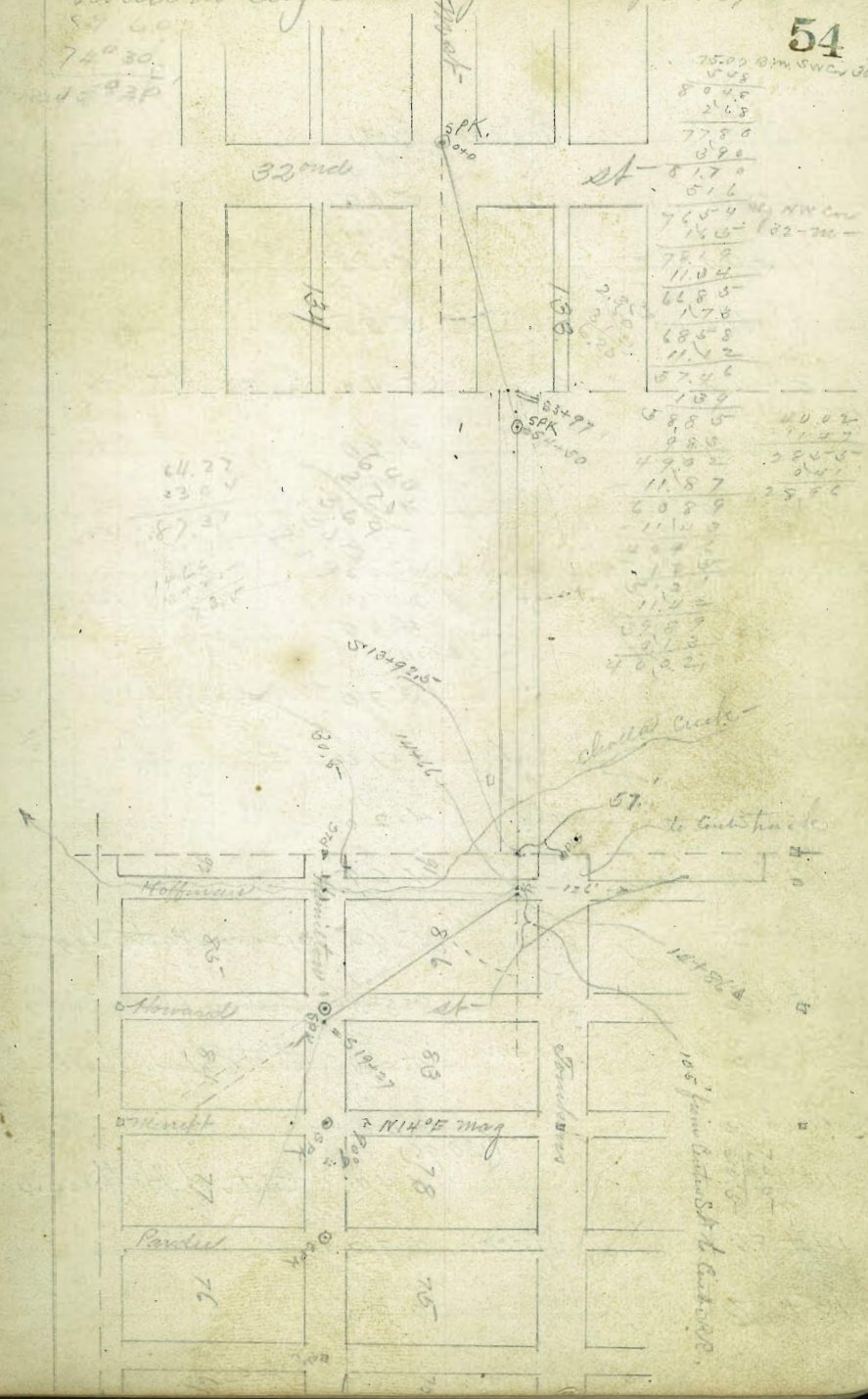


Road to City Cemetery Sept 1896 —

stat	angle	Centre line Rod	
0+0	14°24' L △	(78.19) 75.6 / 2.60 △	S 0+0 = Centre M & West side 32nd St —
50		75.0 / 3.20	
1+00		74.8 / 3.40	(6°7')
+50		74.2 / 4.00	
75		71.6 / 6.60	Break of Gulch
2+00		66.9 / 11.30	
25		(68.58) 63.2 / 5.40	
50		61.5 / 7.10	
75		58.9 / 9.70	
3+00		(58.85) 54.0 / 4.80	
25		45.8 / 15.00	Bottom of creek bed —
50		48.3 / 10.50	
+60		47.5 / 11.30	S 3+60 just under R.R. Bridges (lowest stringer)
75		(60.87) 48.3 / 12.60	(The elevation of under side of lowest
4+00		57.2 / 3.70	stringer at S 3+60 is 58.00)
+25		49.3 / 11.60	
+50	14°41' R △	(40.02) 36.6 / 3.40 △	Mag Bearing of Hamilton St is
+75		29.0 / 11.00	N 75°45' E
5+00		(28.96) 28.2 / 0.80	
+50		25.0 / 4.00	
6+00		23.4 / 5.60	

N 60°30' E mag

N 75°10' E mag



From S 0+0

Stat	Angle	Rod	
6+50		23.4 5.60	
7+00		23.9 5.10	
50		23.2 5.80	
8+00		23.6 5.40	
50		24.1 4.90	
9+00		24.1 4.90	
50		24.0 5.00	
10+00		24.4 4.60	
50		(28.14) 24.4 3.70	
11+00		24.4 3.70	
50		23.9 4.20	
12+00		23.5 4.60	
50		22.7 5.40	S12+50 = West Edge Cholla creek
13+00		19.3 8.80	Bottom Cholla Creek
50		23.1 5.00	East Edge Cholla Creek
14+00		24.5 3.60	
14+66		(30.96) 26.7 4.40	Center of Hoffman St
14+86 △	47°55'R	28.8 2.20	
15+50		30.1 0.90	

750
23
52

1927
1486
441

24.44
652
30.96
0.98
29.98

28.96
459
24.37
377
28.14
370
24.44 BM on East Door Sill on East End of Site

1466
1392.5
73.

At S13.+92.5 Cross Pueblo line

29.98
5.02
35.00
9.46
25.54

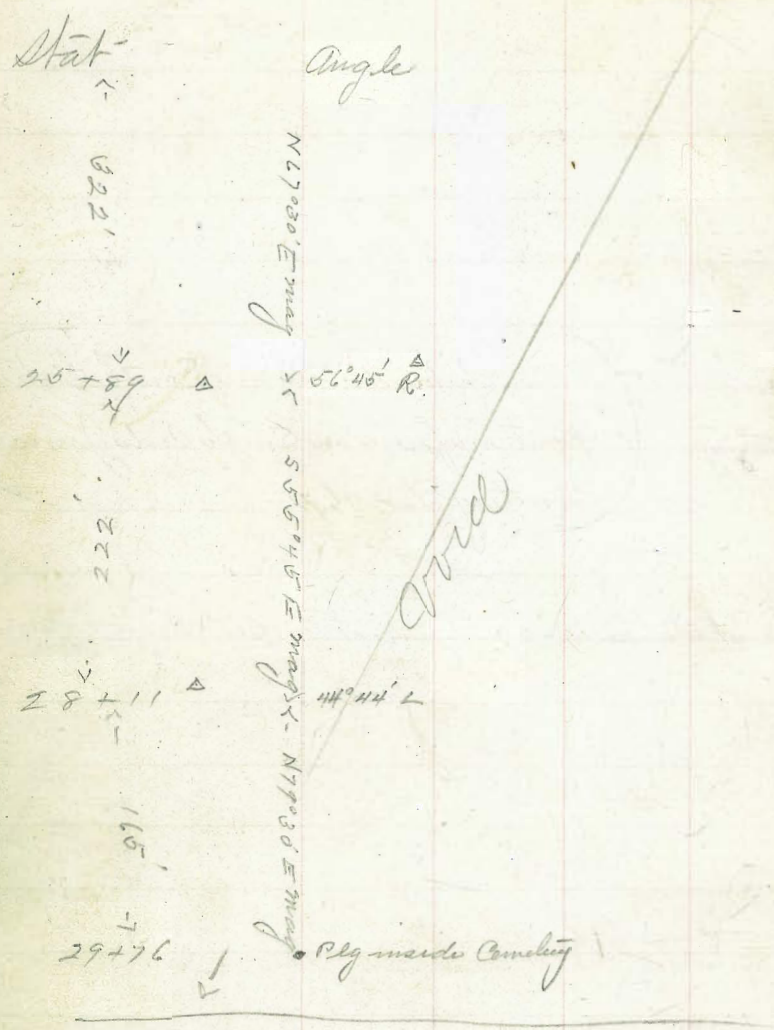
Stat	Angle	Rod (35.00)	
16+00		31.3 3.70	
50		31.7 3.30	
17+00		30.5 4.50	lath fence to the
50		28.0 7.00	right about 20ft
17+75		21.3 13.70	from S 16+50
18+00		23.4 11.60	S 17+75 Bottom Creek Bed from Cemetary
50		25.6 9.90	
19+00		25.5 9.50	
19+27 △	42°40' L	9.46 = 25.54 Elevation on top spike at Angle point Station 19+27, Beginning at this Stat Run 5% grade 14+86	
20+82 △	15° R		
22+67 △	27°53' L		

mag Bearing S 57° E

S 84°35' N mag

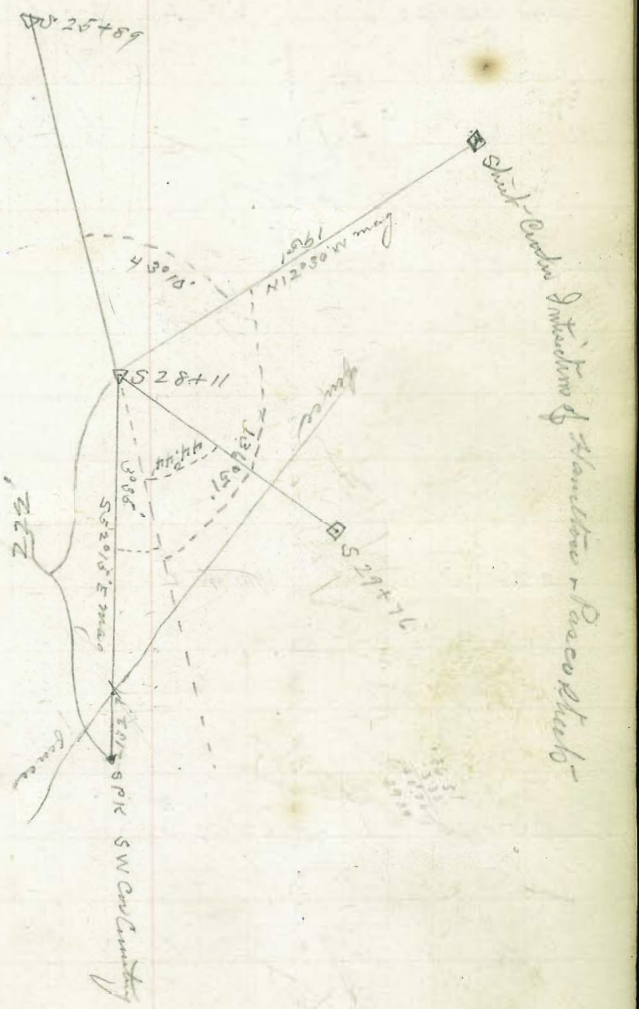
80°30' E mag

(B.M. spike driven in South Gate post in fence on South Side Jewish Cemetery Elev 96.71)



Over See Next Page

run 6% from S 19+27



Cemetery Road Run 6% side hill

Station	Angle	
From S 19+27	36°3' L	fill 4 feet at S 19+27
		& run 6% from this Station
		to SW Cor Jewish Cemetery
20+82	5°9' R	
22+73	19°34' L	
25+95	62°59' R	
29+41	58°16' L	

155

191

322

346

98.6

Mag Bearing N 87°0 E

S 87°50' E Mag

N 72°30' E Mag

S 44°30' E Mag N 77°E

30+39.6 = Pueblo Corner

Road from S 19+27 to S

55.7'

B.S. on S 14+86

185
2273
2458

1927
1486
441

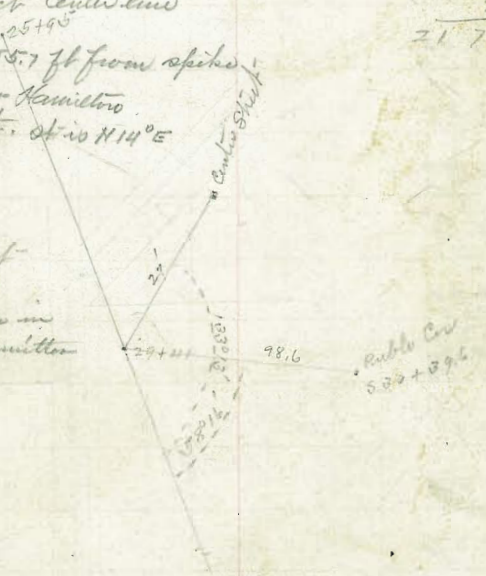
1927
155
2082
191
2273
322
2595
346
2941
98.6
3039.6

557
4788
482

at

at S 21+73 intersect Center line of Merritt St being 55.7 ft from spike in Center of Merritt - Hamilton
Mag Bearing Merritt St is N 14° E

at S 24+58 Intersect Center line of Pardee St being 74' ft from spike in Center of Pardee - Hamilton



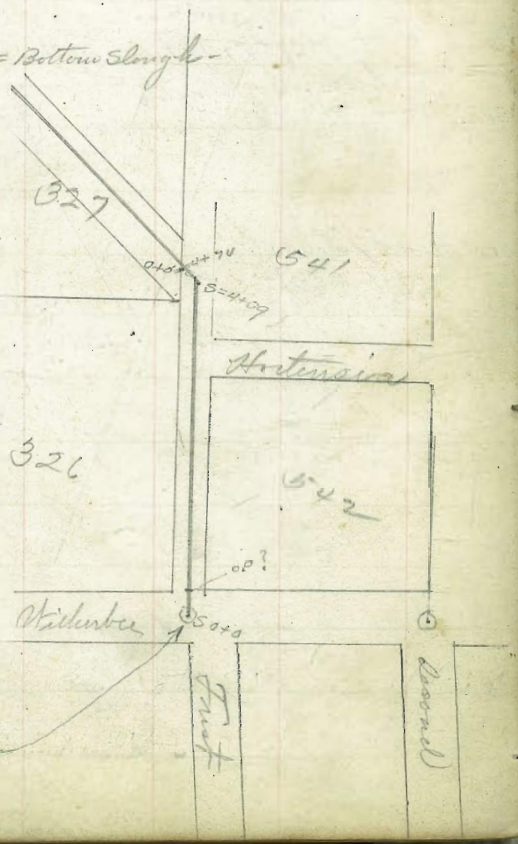
20+82
91
2173

1927
1486
441

Wagon Road to Roseville

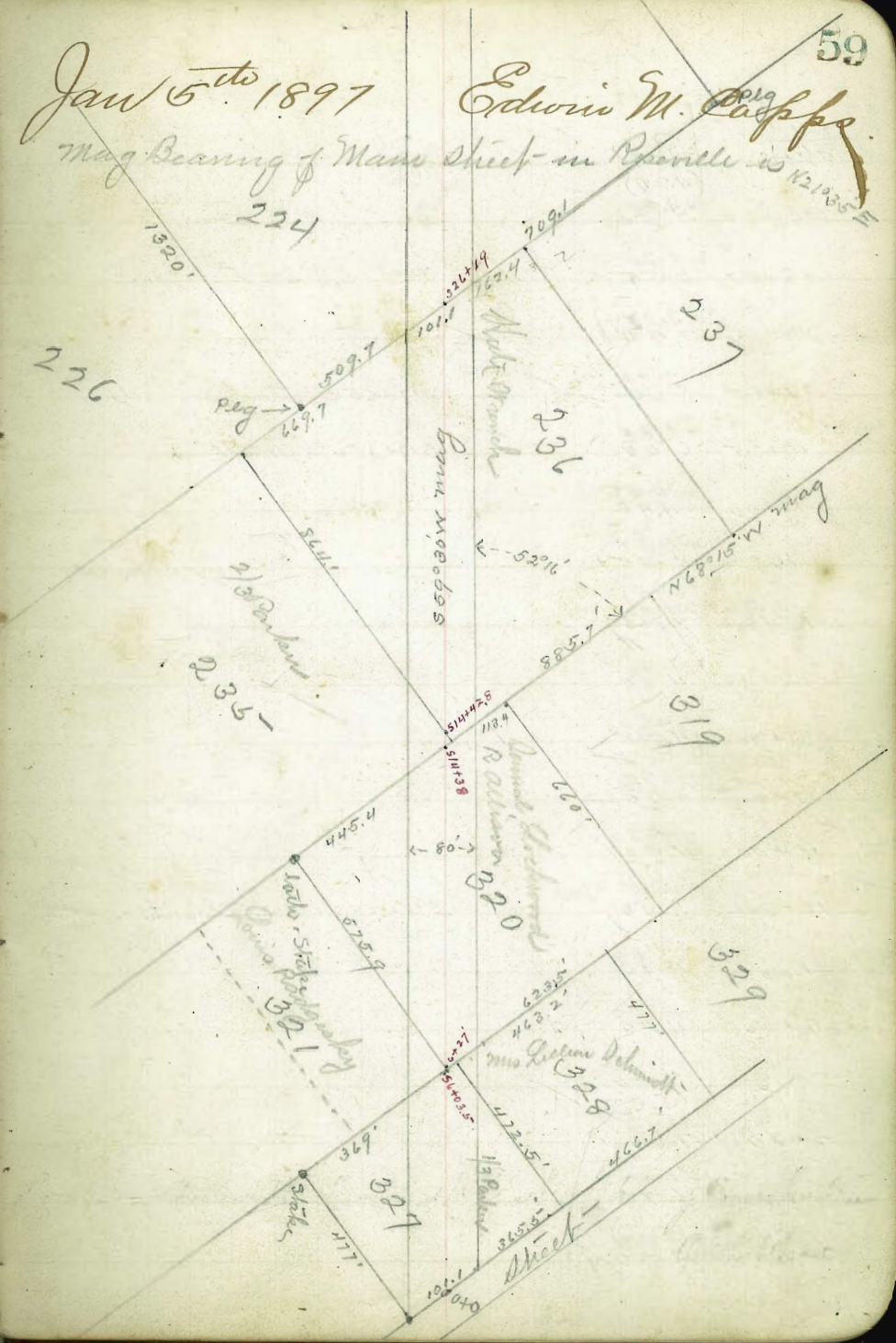
Station	Rod	
	(5.33)	
4+00	-1.80 7.10	
3+80	-2.00 7.30	
3+25	-4.00 9.30	S 3+25 = Bottom Slough
3+00	-0.60 5.90	
+85	+0.40 4.90	S 3+00 = top Tom Scott R.R. fill
2+00	-3.60 8.90	2+00 = Slough
1+00	-2.70 8.00	
0+10	-4.00 9.30	S 0+10 = Bottom Slough
4+70 = 0+0	-2.80 8.10	
4+39 Δ	-2.90 8.20	
4+00	-2.90 8.20	
50	-2.20 7.50	
3+00	-0.30 5.60	
	(13.53)	
50	5.90 7.60	
2+00	10.80 2.70	
50	12.20 1.30	
1+00	10.20 3.30	
50	6.10 7.40	
0+0	3.80 9.70	S 0+0 =

10.25 B.M. second - Wilcherbee
3.28
13.53
11.85
1.68
3.65
5.33



Jan 5th 1897 Edwin M. Capps

Mag Bearing of Main Street in Roseville is



Station	Rod	
	(4.20)	
	3.30	
19+00	7.50	
	2.30	
18+35	6.50	
	3.70	
18+05	7.90	
	4.10	
17+65	8.30	S 17+65 = Bottom River bed
	1.80	
17+35	6.00	S 17+35 = High tide line
	0.50	
17+00	4.70	
	1.20	
16+00	5.40	
	(3.15)	
	1.00	
15+00	4.10	
	1.80	
14+00	4.90	
	1.60	
13+00	4.70	
	1.80	
12+00	4.90	
	1.80	
11+00	4.90	
	3.4	
10+30	6.50	S 10+30 = Bottom slough
	1.30	
10.00	4.40	
	1.00	
9+00	4.10	
	1.30	
8+00	4.40	
	(5.33)	
	1.70	
7+00	7.00	
	1.40	
6+00	6.70	High tide line = − 1.57
	2.40	
5+00	7.70	

5.33 H.T.
6.50
−1.17
4.32
+3.15 H.T.
3.48
−0.33
4.53
+4.20 H.T.

6.50
5.33
1.17

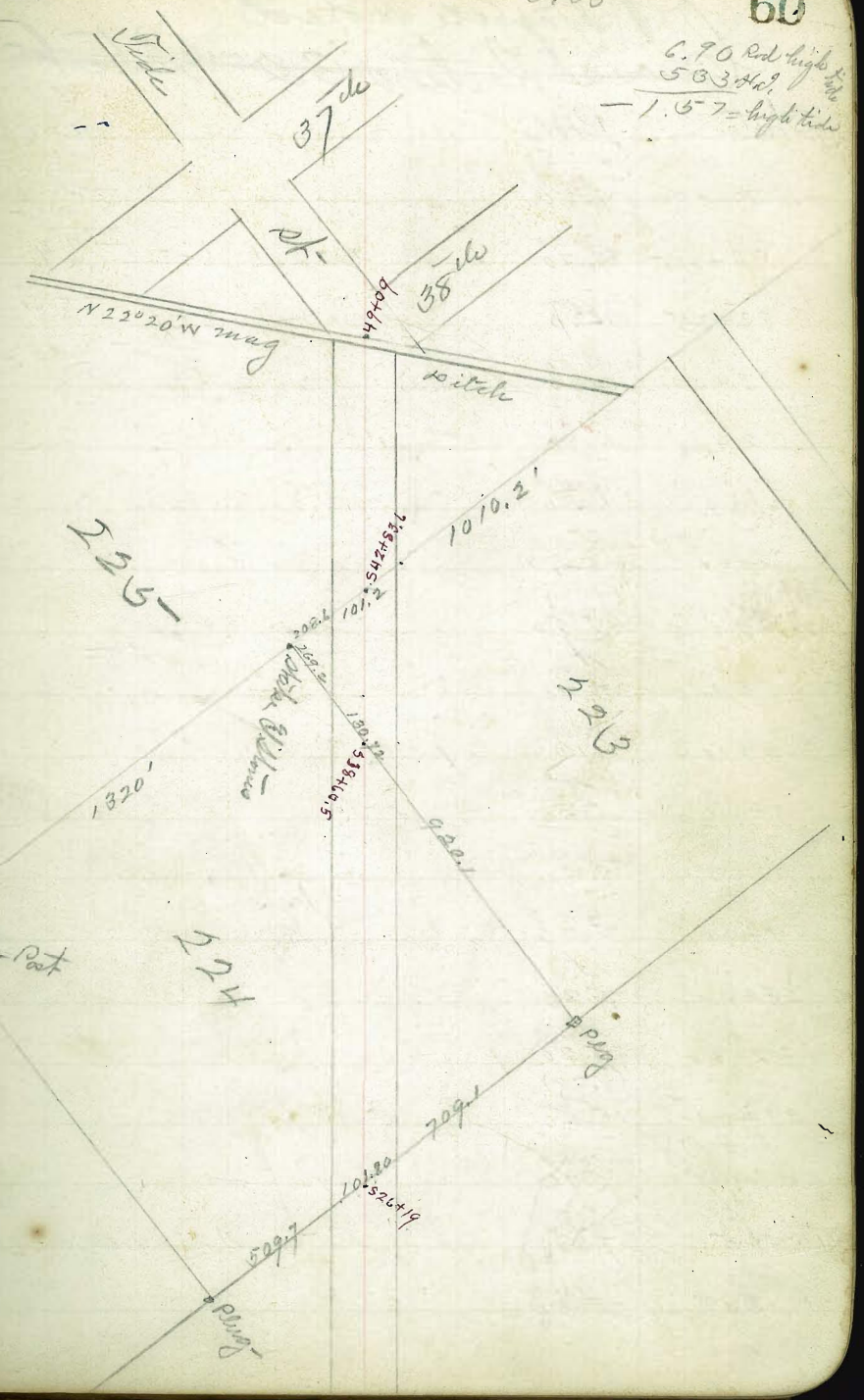
4.32
1.17
3.15

3.48
3.15
.33

4.53
.33
4.20

5.33

6.90 Rod high tide
5.33 H.T.
−1.57 = high tide



Roseville Road

~~Cross Section 32nd Street~~

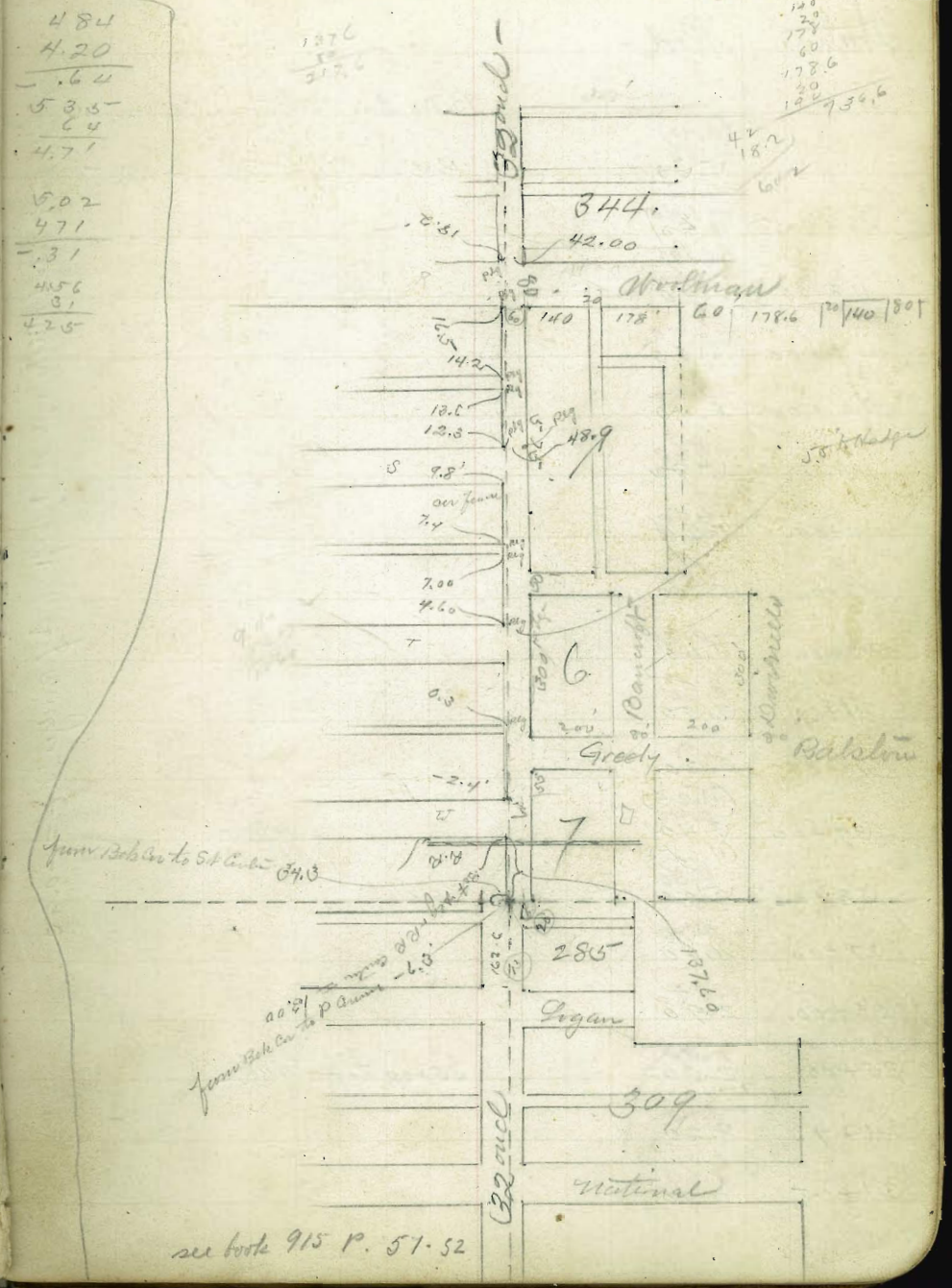
Station	Rod	
	(4.25)	
34+00	5.00 / 9.20	
33+45	5.50 / 9.70	Bottom Slough
33+35	3.00 / 7.20	
33+00	3.00 / 7.20	
32+00	2.60 / 6.80	
31+00	2.30 / 6.50	
30+00	1.30 / 5.50	
29+00	(4.71) 0.90 / 5.60	
28+00	1.00 / 5.70	
27+00	1.40 / 6.10	
26+00	0.60 / 5.30	
25+00	0.80 / 5.50	
24+00	0.50 / 5.20	
23+00	0.50 / 5.20	
22+00	0.50 / 5.20	
21+00	(4.20) 1.20 / 5.40	
20+00	1.50 / 5.70	
19+65	3.60 / 7.80	Bottom S.D. Ravine
19+30	1.30 / 5.50	

4.20 H.I.
4.84
0.64
5.35
4.71 H.I.
5.02
0.31
4.56
+ 4.25 H.I.

4.84
4.20
.64
5.35
.64
4.71

5.02
4.71
.31
4.56
.31
4.25

From National Ave to R"st



see book 915 P. 51-52

Roseville Road Mch 11th - 97

Station	Rod -	
	(3.40)	B.M. two lath stakes driven on
	-1.90	
	5.30	Rod on High tide = -1.85
48+85	-1.40	
	4.80	
	(4.19)	
48.00	-2.20	
	6.40	
47+00	-2.40	
	6.60	
46+00	-2.20	
	6.40	
45+00	-1.60	
	5.80	
44+00	-1.00	
	5.20	
43+00	-1.00	
	5.20	
42+00	-0.20	
	4.40	
41+00	0.70	
	3.50	
40+00	0.90	
	3.30	
	(4.25)	
39+00	0.90	
	3.40	
	( )	
38+00	-0.30	
	5.00	
37+00	-0.70	
	4.60	
36+00	1.40	
	2.90	
35+00	2.00	35+00 top bank -
	2.30	
34+70	-3.90	
	8.20	
34+15	-3.60	
	7.90	

the East side of ditch and about 100 ft North of Bridge Elev = -0.83

2.86
1
2.76

3.47
2.76
0.71

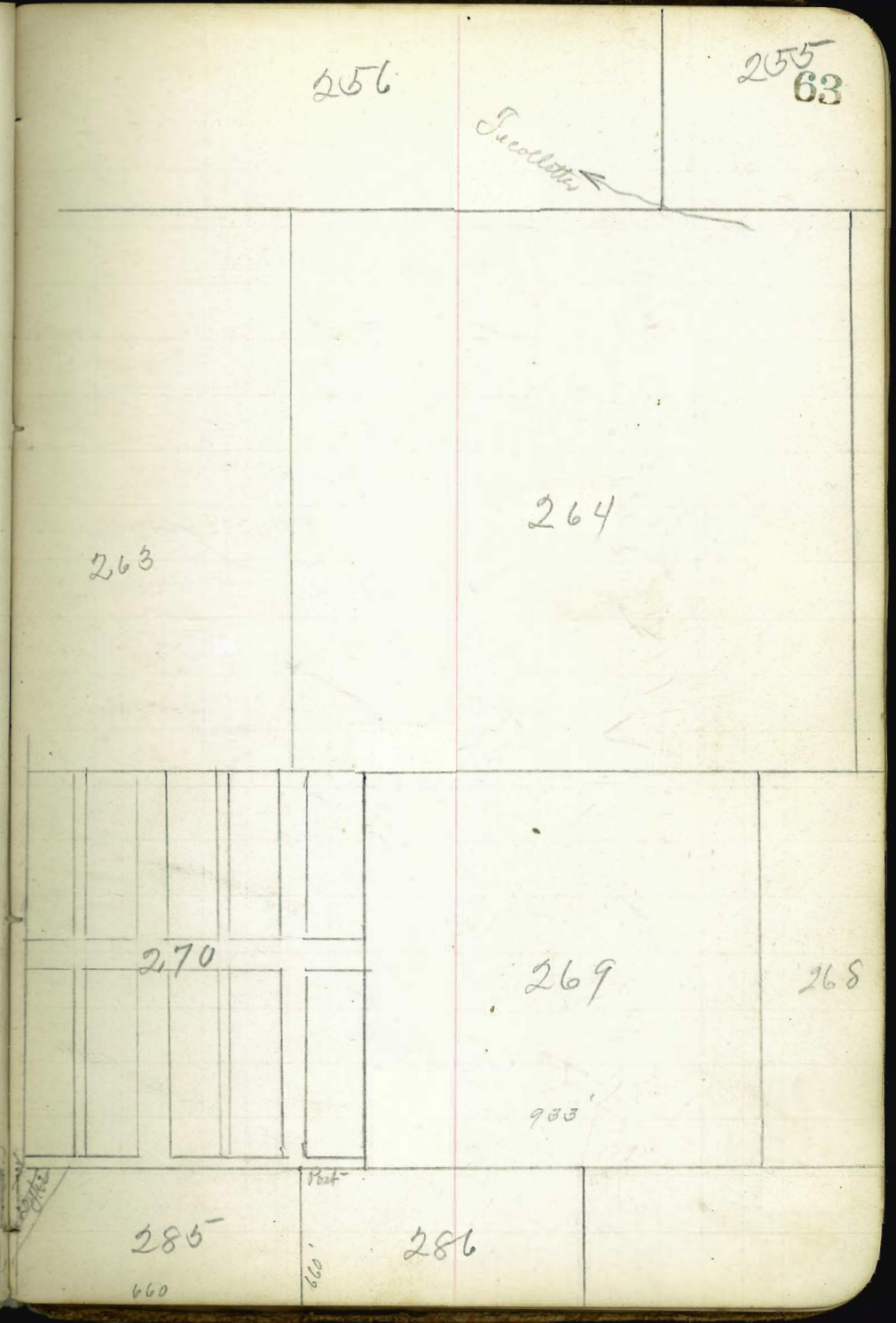
2.76
1.85
4.61

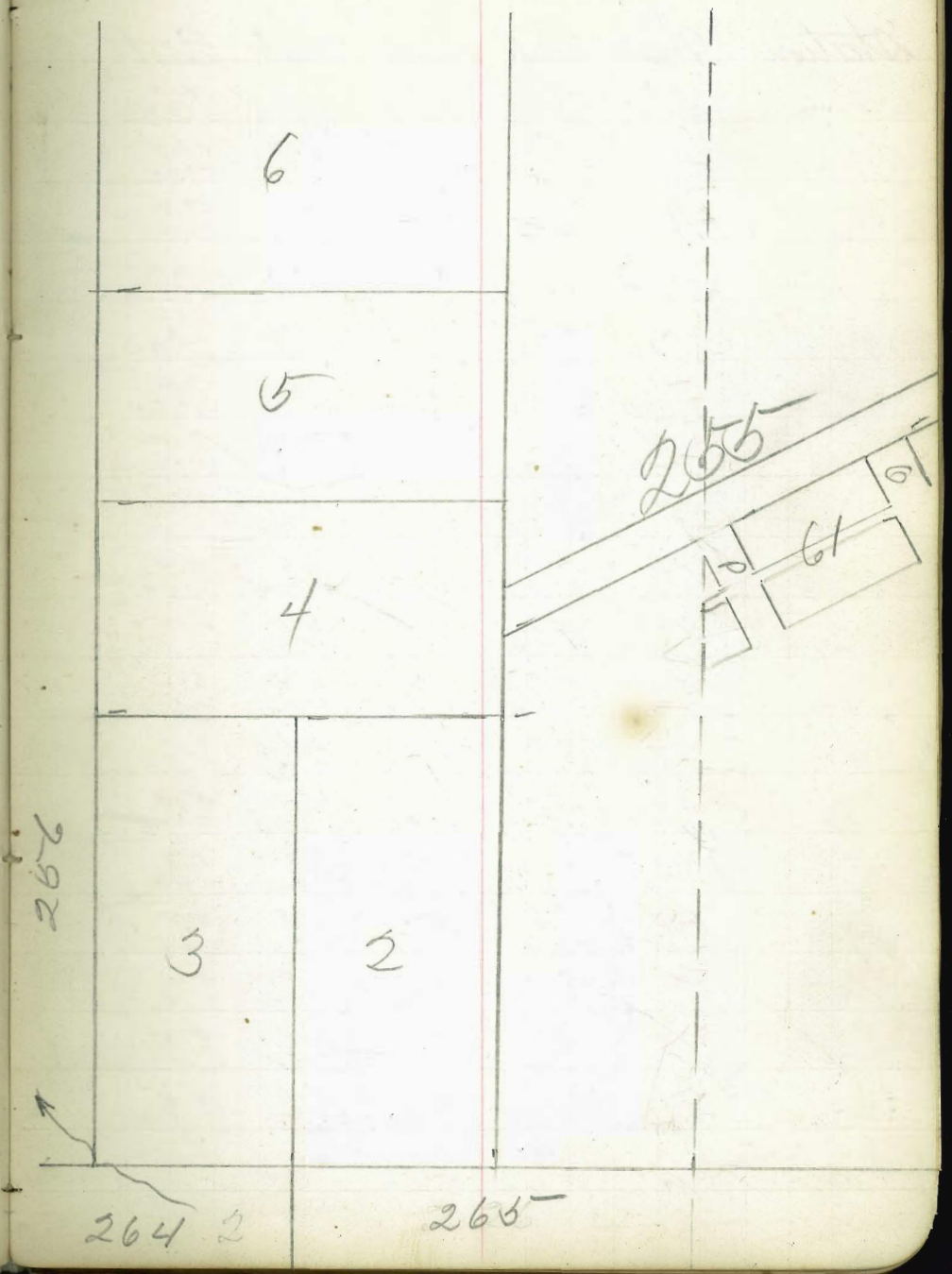
-1.85

4.25 H.I.
2.75
+1.50
2.69
4.19
5.73
-1.54
4.94
+3.40

5.73
4.19
1.54

4.94
1.54
3.40


256
255
Tecolletta
263
264
270
269
268
933'
Post
Post
285
286
660
660'


6
5
4
3
2
255
61
256
264 2
265

Cross Section 13th do sheet-below

Station	West	Curb	Center	Curb	East
	10.8	10.7	(14.43) 11.0	11.1	11.1
0+0	3.60	3.70	3.40	3.30	3.30
	10.5	9.9	10.2	10.7	10.9
25	3.90	4.50	4.20	3.70	3.50
	9.7	9.2	9.6	10.2	10.4
50	4.70	5.20	4.80	4.20	4.00
	9.3	8.7	8.9	9.6	10.0
75	6.10	5.70	5.60	4.80	4.40
	8.7	8.6	7.8	9.4	9.8
1+00	5.70	5.80	6.60	5.00	4.60
	7.4	7.1	7.4	8.9	9.4
25	7.00	7.30	7.00	5.50	5.00
	6.6	6.6	6.5	8.0	8.0
50	7.80	7.80	7.90	6.10	6.10
	6.7	6.4	6.1	7.1	7.1
75	7.70	8.00	8.30	7.30	7.30
	6.2	6.0	5.9	6.9	6.9
2+00	8.20	8.40	8.60	7.50	7.60
	5.9	5.7	5.6	6.1	6.4
25	8.50	8.70	8.80	8.30	8.00
	5.4	5.5	5.4	6.2	6.2
50	9.00	8.90	9.00	8.20	8.20
	6.1	6.2	6.3	6.1	6.1
75	9.30	9.20	9.10	8.30	8.30
	4.4	4.7	5.5	5.7	5.7
3+00	10.00	9.70	8.90	8.70	8.70
	4.2	6.1	(8.55) 6.8	6.5	5.7
14	4.30	2.40	1.70	2.00	2.80
	6.4	6.8	6.8	6.8	6.5
40	2.10	1.70	1.70	1.70	2.00
	6.0	6.2	4.9	5.0	5.4
66	2.50	2.30	3.60	3.50	3.10
	5.4	5.9	5.1	4.8	5.1
0+0	3.10	2.60	3.40	3.70	3.40
	3.1	3.1	4.3	4.0	4.5
50	5.40	5.40	4.20	4.50	4.00
	2.7	2.6	3.0	4.0	3.5
1+00	5.80	5.90	5.50	4.50	5.00

K sheet-

0,0 = 5 line K.

8.55
2.95
5.60 = Elev Sewer manhole 5 line L.

W line L.

5 line L.

May 25 - 1897

12.63 B.M.
1.80
14.43
7.41
7.02 = Elev R.R. on L. St Crossing
1.53
5.55

13th X section

Station	West	Cut	Centre	Cut	East
	1.2	1.5	2.5	3.7	3.5
50	7.30	7.00	6.00	4.80	5.00
	0.9	0.7	2.5	2.5	3.4
2+00	7.60	7.80	6.00	6.00	5.10
	0.4	0.3	2.2	1.9	2.3
50	8.10	8.20	6.30	6.60	6.20
	0.7	0.4	1.8	1.3	1.7
3+00	7.80	8.10	6.70	7.20	6.80
	0.6	0.5	1.5	1.4	1.5
14	7.90	8.00	7.00	7.10	7.00
	1.0	1.4	1.3		
20	7.60	7.10	7.20		
	2.2	2.5	3.1	1.4	1.5
40	6.30	6.00	5.40	7.10	7.00
	1.4	1.4	1.8		
60	7.10	7.10	6.70		
	0.9	1.0	2.1	1.5	1.5
66	7.60	7.50	6.40	7.00	7.00
	0.8	1.0	1.7	1.7	1.8
0+0	7.70	7.50	6.80	6.80	6.70
	1.2	1.6	(7.60) 2.3	2.6	3.1
50	6.40	6.00	5.30	5.00	4.60
	1.1	1.6	2.5	2.6	2.9
1+00	6.60	6.00	5.10	5.00	4.70
	1.8	1.6	1.9	1.9	2.6
50	5.80	6.00	5.70	5.70	5.00
	1.1	0.0	0.8	Bottom Sweetwater Creek	
2+00	6.60	7.60	6.80	7.40 0.2	7.20 0.2
	-0.1	-0.3	0.4		
26	7.70	7.90	7.20		
	-0.9	-1.2	0.9		
50	8.60	8.80	6.70		
	1.1	1.4	1.6		
75	6.60	6.20	6.00		
	1.4	1.3	1.9		
3+00	6.20	6.30	5.70		

8.56
5.26
3.30 = Elev R.R. St. N Line of Mat

8.56
5.61
3.04
4.56
7.60

N line M. St

7.60
4.60
3.00 = Elev Manhole head at S line M St

7.60
4.00
3.60 = Elev of RR Crossing N.C.O. & J Cuyamaca R.R. on Mat

13th St X section

Stat	West curb	Center	Curb East

Cross Section Roseville Road

June 1897

10.26 B.M
4.34
14.59
9.59
5.00
2.03
7.03

Station	South	12'	Center (14.59)	12'	North
0+0		4.3	3.8	3.7	
		10.3	10.80	10.90	
50		6.2	6.2	6.2	
		8.40	8.40	8.40	
1+00		10.5	10.3	9.6	
		4.10	4.80	5.00	
50		12.4	12.2	12.2	
		2.20	2.40	2.40	
2+00		10.6	10.9	11.0	
		4.00	3.70	3.60	
50		5.7	5.8	6.6	
		8.90	8.80	8.00	
		-0.7	(7.03)	+0.5	
3+00		7.70	-0.2 7.20	6.50	
50		-2.6	-2.2	-1.7	
		9.60	9.20	8.70	
		-3.0	-2.9	-2.7	
4+00		10.00	9.90	9.70	
50		-2.9	-2.8	-2.8	
		9.90	9.80	9.80	
		-3.1	-3.5	-3.4	
5+00		10.10	10.50	10.40	
50		-2.9	-2.9	-2.9	
		9.90	9.90	9.90	
		-2.7	-2.7	-2.8	
6+00		9.70	9.70	9.80	
+50		-3.3	-3.2	-3.1	
		10.30	10.20	10.10	
		-3.6	-3.8	-3.5	
7+00		10.60	10.80	10.50	
+30		-1.5	-2.3	-2.4	
		8.50	9.30	9.40	
+50		-0.2	+0.3	-0.8	
		7.20	6.70	7.80	
+75		-3.3	-3.3	-1.3	
		10.30	10.30	8.30	
8+05		-4.0	-3.2	-2.4	
		11.00	10.20	9.40	

7+50 top Tom Scott R.R.

Roseville Road

Station	South	12'	Center	12'	North
		-2.2	-2.3	-3.5	
8+30		9.20	9.30	10.50	
		-1.7	(3.95)	-2.0	
50		5.70	5.60	6.00	
		-1.6	-1.5	-1.4	
9+00		5.60	5.60	5.40	
		-1.8	-1.9	-2.0	
50		5.80	5.90	6.00	
		-2.2	-2.0	-2.1	
10+00		6.20	6.00	6.10	
		-1.4	-1.4	-1.4	
50		5.40	5.40	5.40	
		-1.3	-1.4	-1.4	
11+00		5.30	5.40	5.40	
		-1.3	-1.4	-1.5	
50		5.30	5.40	5.50	
		-2.1	-2.0	-2.0	
12+00		6.10	6.00	6.00	
		-1.4	-1.3	-1.2	
50		5.40	5.30	5.20	
		-0.9	-0.9	-0.8	
13+00		4.90	4.90	4.80	
		-1.0	-1.1	-1.1	
50		5.00	5.10	5.10	
		-1.0	-0.9	-0.8	
14+00		5.00	4.90	4.80	
		-1.4	-1.3	-1.3	
50		5.40	5.30	5.30	
		-3.2	-3.1	-3.0	
15+00		7.20	7.10	7.00	
		-1.9	-1.8	-1.8	
50		5.90	5.80	5.80	
		-2.0	-1.8	-1.5	
16+00		6.00	5.80	5.50	
		-2.0	-1.9	-1.9	
50		6.00	5.90	5.90	
		-1.7	-1.9	-2.1	
17+00		5.70	5.90	6.10	

8.23 F.S.
7.03
-1.20

5.15 B.S.
-1.20
3.95

Rozeville Road

	S.	12'	Center	12'	N
		-1.7	-1.7	-1.9	
17+50		5.70	5.70	5.90	
		-1.2	-1.2	-1.4	
18+00		5.20	5.20	5.40	
		-2.0	-1.3	-1.8	
50		6.00	5.30	5.80	
		-1.1	-1.4	-1.7	
19+00		5.10	5.40	5.70	
		-0.8	(3.44) -0.8	-0.8	
50		4.20	4.20	4.20	
		-1.1	-1.0	-1.0	
20+00		4.60	4.40	4.40	
		-1.2	-0.9	-0.7	
50		4.60	4.30	4.10	
		-0.9	-0.9	-1.1	
21+00		4.30	4.30	4.50	
		-0.4	-0.5	-0.6	
50		3.80	3.90	4.00	
		-1.7	-1.0	-0.6	
+90		5.10	4.40	4.00	
		-3.6	-3.6	-3.1	
22+10		7.00	7.00	6.50	
		-3.8	-3.8	-3.8	
+50		7.20	7.20	7.20	
		-2.4	-2.3	-2.3	
23+00		5.80	5.70	5.70	
		-3.2	-3.3	-3.3	
50		6.60	6.70	6.70	
		-3.6	-3.2	-3.2	
75		7.00	6.60	6.60	
		-1.8	-1.2	-1.3	
+90		5.20	4.60	4.70	
		-2.7	-2.3	-2.1	
24+00		6.10	5.70	5.50	
		-3.3	-3.3	-3.3	
50		6.70	6.70	6.70	
		-1.0	-0.9	-1.6	
25+00		4.40	4.30	5.00	

21+90

5.02 = S
3.95
-1.07
4.51
1.07
3.44

Roseville Road

Station	L.	12'	Centr (344)	12	R.
		-1.2	-1.3	-1.3	
60		4.60	4.70	4.70	
		-0.7	-0.6	-0.8	
26+00		4.10	4.00	4.20	
		-1.0	-0.9	-0.4	
60		4.40	4.30	3.80	
		-0.6	-0.7	-0.4	
27+00		4.00	4.10	3.80	
		-0.6	-1.1	-1.1	
60		4.00	4.50	4.50	
		-0.2	(4.29)		
28+00		4.60	-0.4 4.70	+0.2 4.10	
		-0.3	-0.6	0.0	
60		4.60	4.90	4.80	
		-0.3	-0.8	-0.4	
29+00		4.70	5.10	4.70	
		-0.7	-0.9	-0.6	
60		5.00	5.20	4.90	
		-0.3	-0.7	-0.4	
30+00		4.60	5.00	4.70	
		-0.7	-0.5	-0.4	
60		5.00	4.80	4.70	
		-0.7	-0.8	-0.6	
31+00		5.00	5.10	4.90	
		-1.2	-1.1	-1.1	
60		5.60	5.40	5.40	
		-1.1	-1.2	-1.2	
32+00		5.40	5.60	5.60	
		-0.7	-0.7	-0.9	
60		5.00	5.00	5.20	
		-0.8	-0.8	-0.7	
33+00		5.10	5.10	5.00	
		-1.2	-0.9	-0.9	
60		5.60	5.20	5.20	
		-1.1	-1.1	-0.8	
34+00		5.40	5.40	5.10	
		-1.3	-1.2	-1.0	
60		5.60	5.60	5.30	

3.92
3.44
.48

4.77 B S
45
4.29

Roseville Road

	S	12'	Center	12	N
		1.8	1.7	1.7	
35+00		6.10	6.00	6.00	
		-2.2	(5.43) -2.2	-2.1	
50		7.60	7.60	7.50	
		-2.3	-2.3	-2.3	
36+00		7.70	7.70	7.70	
50		-2.5	-2.5	-2.5	
		7.90	7.90	7.90	
		-2.7	-2.6	-2.6	
37+00		8.10	8.00	8.00	
50		-2.8	-2.9	-3.1	
		8.20	8.30	8.60	
95		-3.1	-3.0	-3.0	
		8.60	8.40	8.40	
		-5.6	-5.6	-5.6	
38+00		11.00	11.00	11.00	
+55		-5.1	-5.1	-5.1	
		10.60	10.60	10.60	
+75		-3.3	-3.6	-4.5	
		8.70	9.00	9.90	
39+30		-3.9	-3.9	-3.9	
		9.30	9.30	9.30	
+50		+1.8	+1.4	+0.2	
		3.60	4.00	5.20	
40+00		+1.9	+1.6	+0.9	
		3.50	3.80	4.50	
+50		+1.6	+1.3	+0.6	
		3.80	4.10	4.80	
41+00		+0.8	+0.6	+0.6	
		4.60	4.80	4.80	
50		-0.1	-0.3	-0.5	
		5.60	5.70	5.90	
42+00		-0.5	-0.7	-0.9	
		5.90	6.10	6.30	
50		-0.8	-0.8	-0.8	
		6.20	6.20	6.20	
43+00		-0.3	-0.4	-0.4	
		5.70	5.80	5.80	

Bottom Sloughs

5.45
+29
-117
6.60 BS
117
5.43

Roseville Road

Station	S	12	Center (4.19)	12	N
50		+1.0 3.20	+0.9 3.30	+0.5 3.70	
44+00		+1.3 2.90	+0.9 3.30	+0.9 3.30	
50		+1.0 3.20	+1.0 3.20	+0.9 3.30	
45+00		+1.1 3.10	+1.2 3.00	+1.2 3.00	
50		+1.1 3.10	+0.9 3.30	+0.7 3.50	
46+00		+0.8 3.40	+0.5 3.70	+0.4 3.80	
50		+0.2 3.90	0.0 4.20	+0.1 4.10	
47+00		-0.5 4.70	-0.5 4.70	-0.1 4.30	
50		-0.6 4.80	-0.8 5.00	-1.0 5.20	
48+00		-1.0 5.20	-1.0 5.20	-1.3 5.50	
50		-0.8 5.00	-0.7 4.90	-0.8 5.00	
49+00		-0.9 5.10	-0.9 5.10	-0.8 5.00	
50		-1.0 5.20	-1.1 5.30	-1.4 5.60	
50+00		-1.7 5.90	-1.6 5.80	-1.7 5.90	
50		-2.0 6.20	-2.0 6.20	-2.4 6.60	
51+00		-1.8 6.00	-2.0 6.20	-2.3 6.50	
50		-2.4 6.60	-2.4 6.60	-2.1 6.30	
52+00		-2.4 6.60	-2.2 6.40	-1.8 6.00	
50		-2.3 6.50	-2.3 6.50	-2.3 6.40	
53+00		-1.6 5.80	-1.2 5.40	-1.4 5.60	
50		-1.3 5.50	-1.5 5.70	-1.4 5.60	

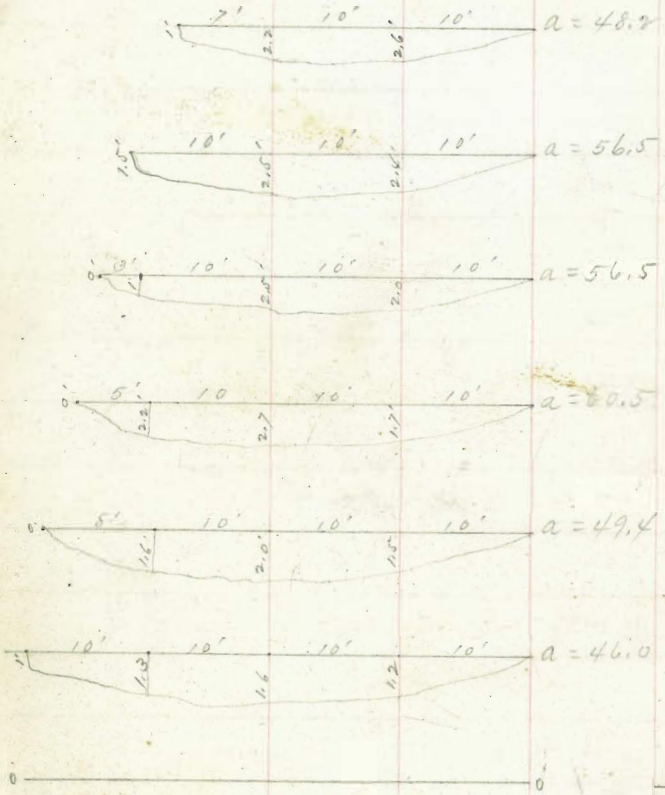
4.90
4.19
81

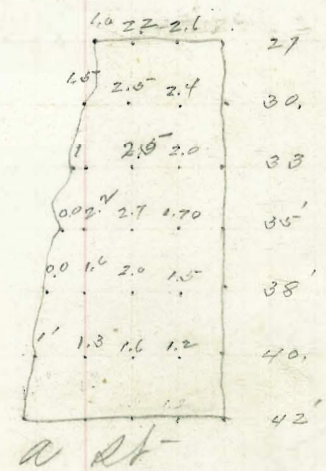
-0.83

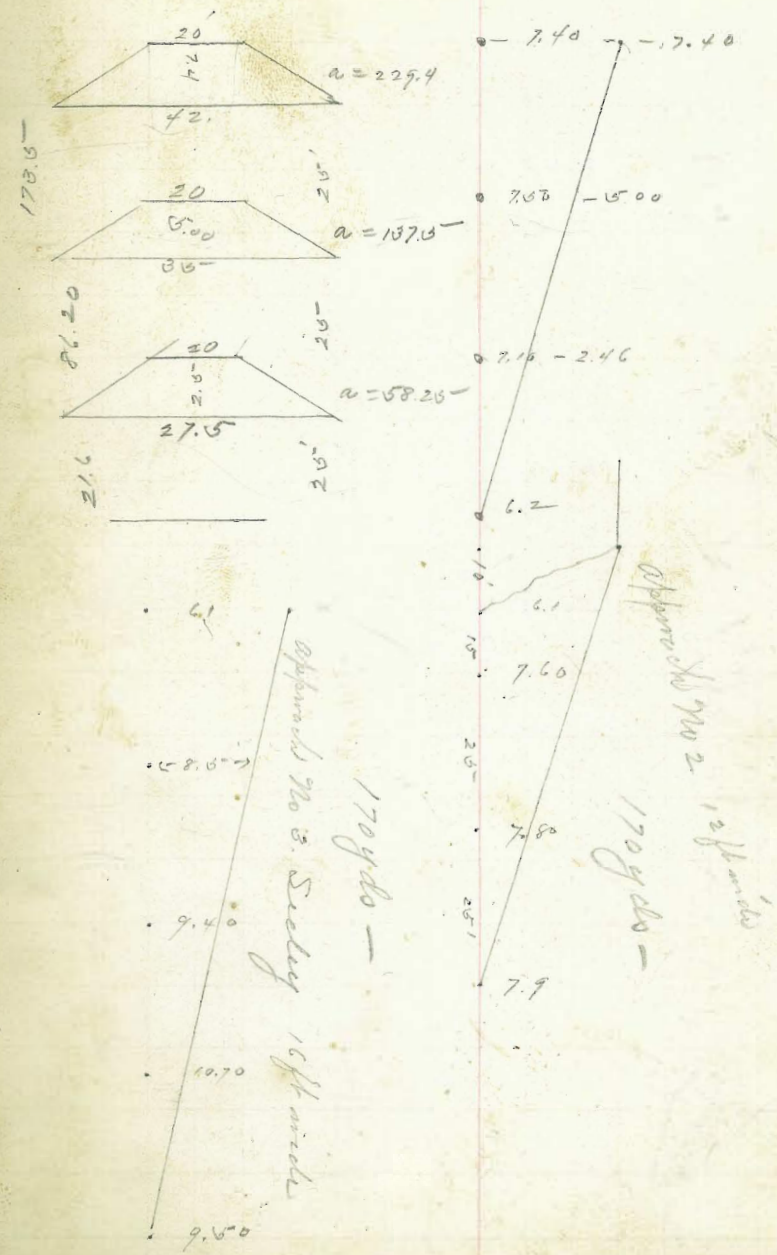
543
4.82
+ .61
3.58
4.19

4.90
4.19
-0.81 on B.M. see page 62

Snyder Cut on 8th Bet a-ash






Approach No 1 at Bridge
20'
7.4
42.
a = 229.4
173.5
25'
20
5.00
35
a = 137.5
86.20
25
20
2.5
27.5
a = 58.25
21.6
25'
7.40
7.40
7.50
5.00
7.16
2.46
6.2
6.1
7.60
7.80
7.9
Approach No 2 12 ft arch
170 yds
6.1
8.5
9.40
10.70
9.50
Approach No 3. Seeley 16 ft arch
170 yds

Switzer Cañon Road

Sta.		
0+0	6.50	grade
+50	4.30	
1+00	2.70	
+50	2.40	
2+00	1.70	
50	2.80	
3+10	9.00	
+50	9.30	
4+00	5.40	grade

400 feet of 4% grade

Jetty Survey –

From Street Centre in axis of Pine – Gains St forward sight on Street Centre of Gains – Cedar St Thence angles right without reversing Telescope on to the following points in the Jetty.

Angles right on to	3rd	stake from End	16° 55′ 135.8′
" " " "	4th	" "	" 51° 56′ 70.3′
" " " "	5th	" "	" 137° 17′ 82.8′
" " " "	6′	" "	" 166° 40′ 167.8′
" "	"	Centre Stake at End of New pile Bridge	169°
" "	"	End stake of Jetty	10° 39′ 137.00′

River Bank Survey – April 13th 1896.

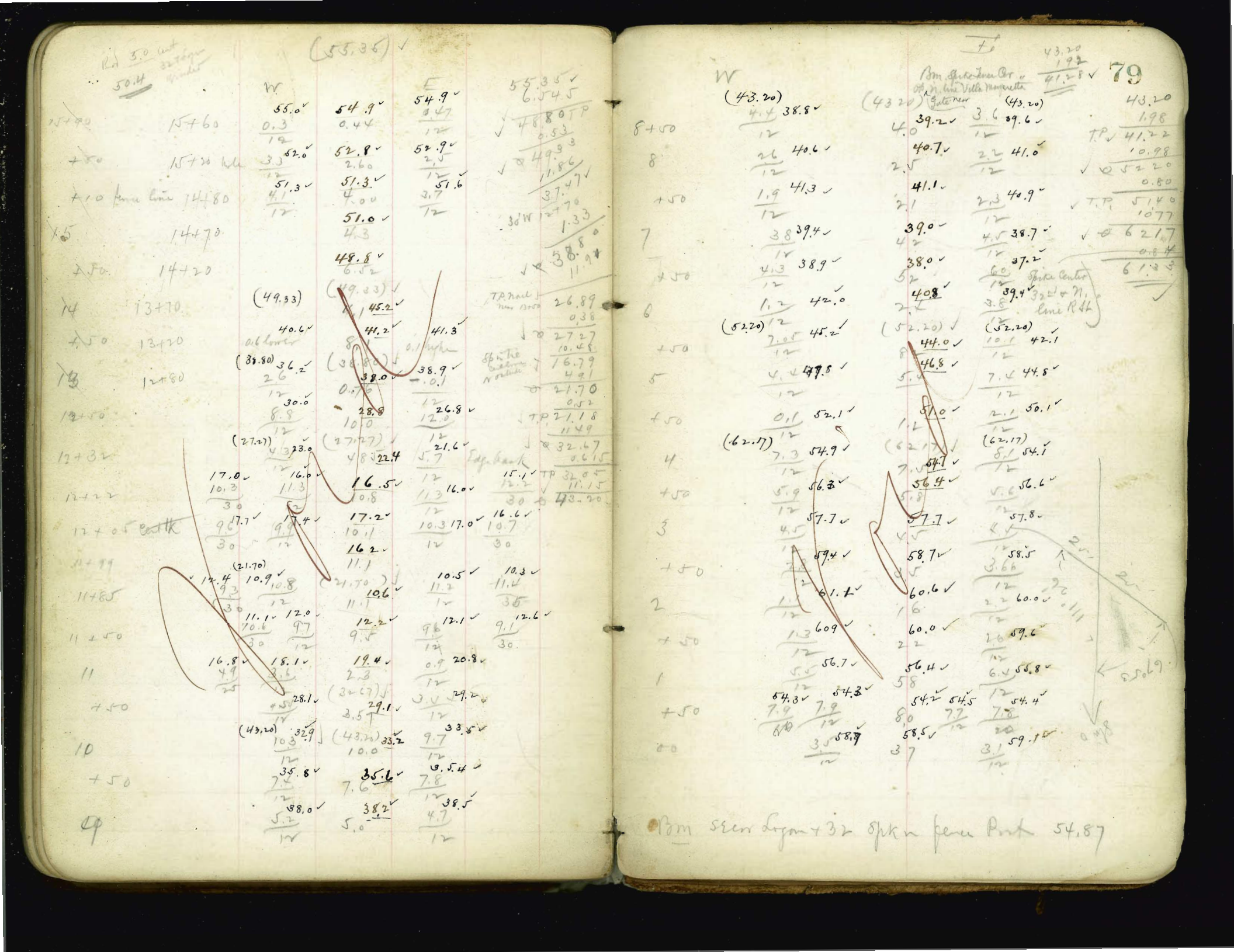
From above Street Centre of Pine – Gains St forward sight on Street Centre of Gains – Cedar St; Thence angles right without Reversing Telescope

Angles right	23° 45′	380.0 ft
" "	22° 45′	260.00
" "	14° 50′	148.00′
" "	101° 18′	144.00
" "	119° 5′	250.00
" "	129° 3′	380.00

Continued on opposite page

River Bank Survey –

Angle Right	134° 2″	460.00′	at East Side Jam Bridge
" "	141° 40″	492.00	
" "	145° 36′	556.00	
" "	136° 42′	478.00′	Nail in Centre Jam Bridge



900 ft. 3% grade
300 ft level road.

320 Samuel Lockwood

10.71
3
7.71
3
4.71

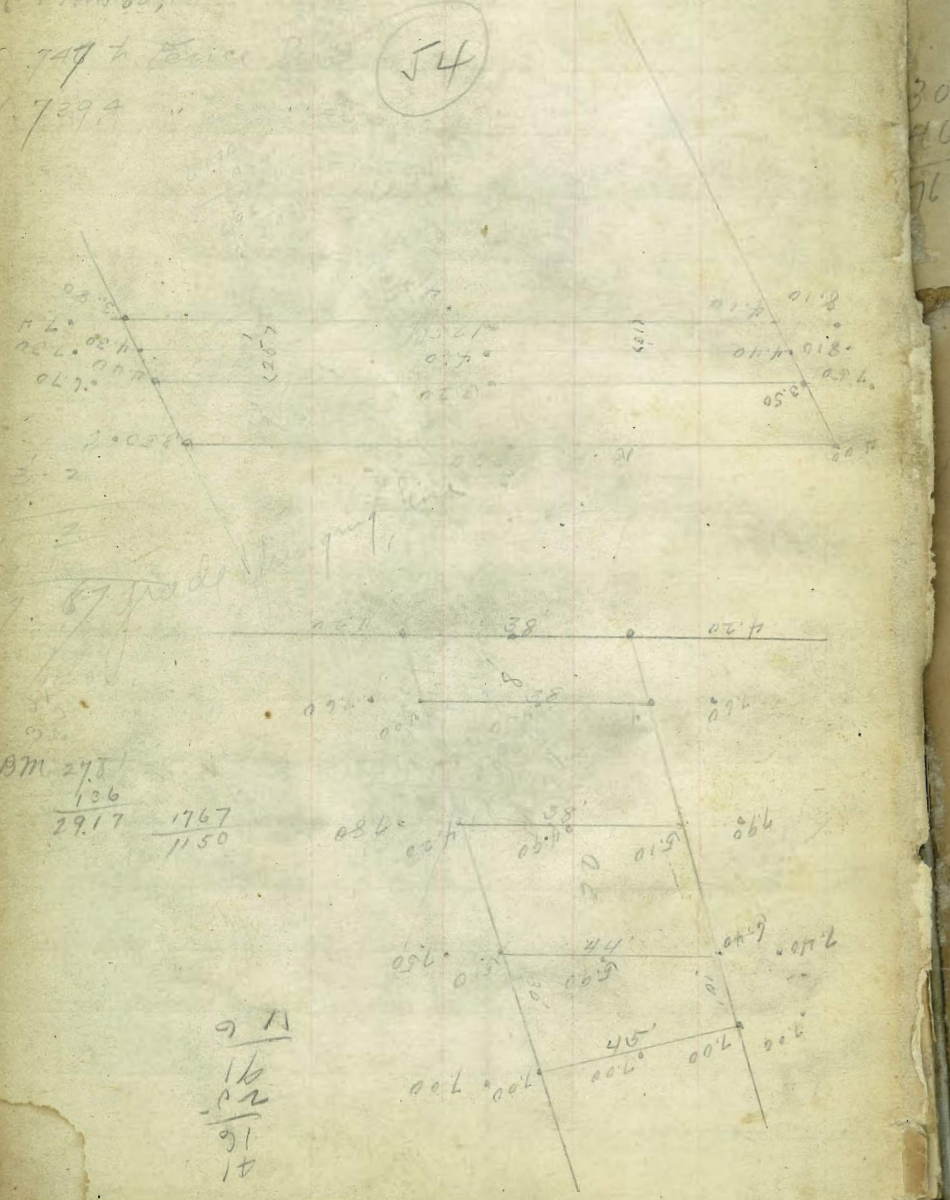
25.54 El S 19+27
11.93
37.47
1.93
35.54
11.10
46.65
2.10
44.55
11.90
56.45
2.90
53.55
12.02
65.57
0.2
65.55
11.82
77.37
2.82
74.55
10.22
84.77
1.22
83.55
10.85
94.40
4.85
89.55
10.71
100.26
2.03
98.23
5.83
104.06
96.71 El BM Country gate
7.35

10.85
3
7.85
3
4.85

11.1
3
8.1
3.0
5.1
3.0
2.1
11.90
3
8.90
3
5.90
3
2.90
12.02
3
9.02
3
6.02
3
3.02
3
0.02
11.82
3
8.82
3.00
5.82
3
2.82
10.22
3
7.22
3
4.22
3
1.22

91

Returned to City Engineer's Office
San Diego, Cal.



91

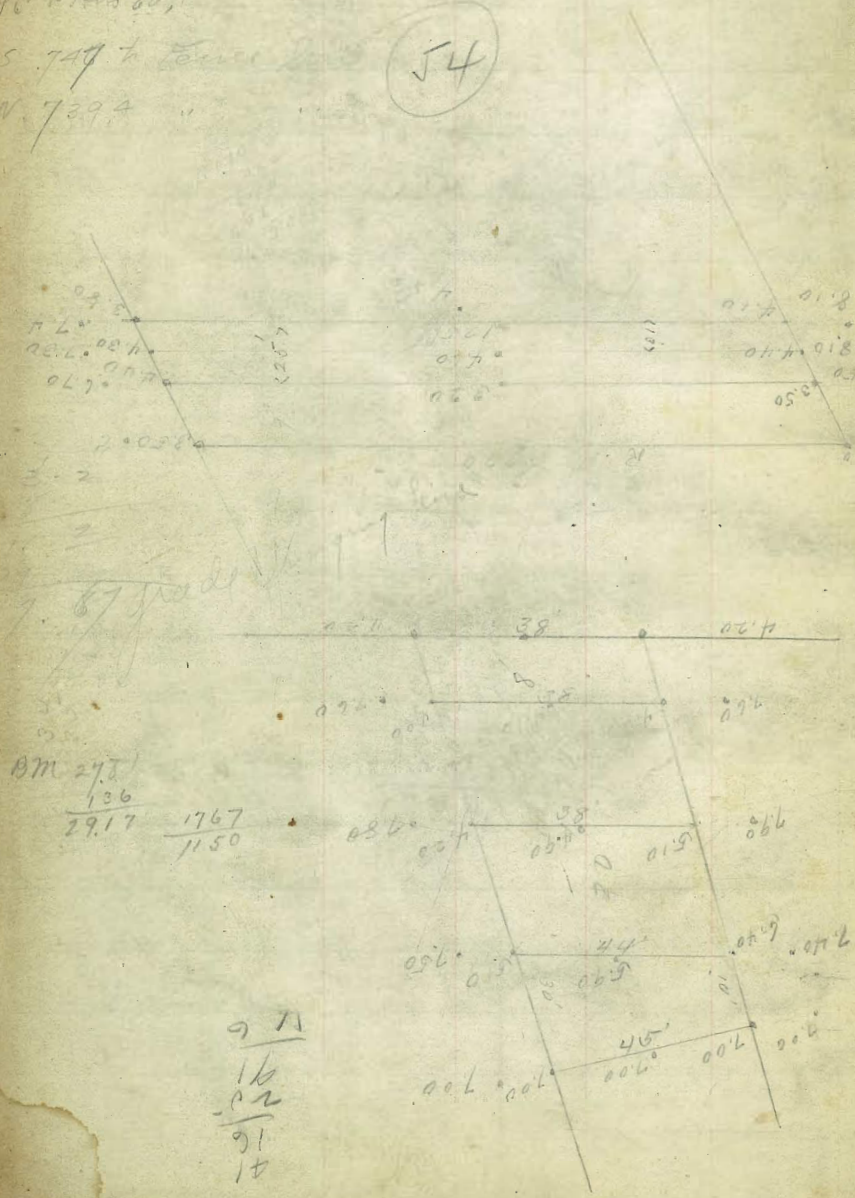
11.2 out P.C.

PC to Hub 66.4

S 749 to Fence

N 739.4

54



BM 27.81
136
29.17

1767
1150

Return to City Engineer's Office
City Hall, San Diego, Cal.

Book no. 91

name.

date.