F.B.
826

FIELD BOOK

No. 410

MICROFILMED

DEC 15 1964

RETURN TO CITY ENGINEER'S OFFICE
CITY HALL, SAN DIEGO, CAL.

RETURN TO CITY ENGINEER'S OFFICE
CITY HALL, SAN DIEGO, CAL.

See Index on
PAGE 75

Connection between sta 12+45? 12+75 on alley between Alabama & Florida and sta 2+85 on Florida

Sta	+ R.	H.I.	- R.	elev	Grade
~~Sta~~	4.79	257.79		253.00	
0+0 = M.H. Alley					245.00
0+50			6.2	251.6	246.16
1+0	POSTED		5.4	252.4	247.33
1+50			5.6	252.2	248.49
2+0			6.2	251.6	249.66
2+15 = M.H. Florida			5.3	252.5	250.0

5

1

B.M. 253.00
4.13
257.13

cut				
	57.13	57.13	57.13	57.13
	46.16	47.33	48.49	49.66
	10.97 ✓	9.80 ✓	8.64 ✓	7.47 ✓
5.4 ✓				
5.1 ✓				
3.7 ✓				
1.9 ✓				
2.5				

1.17
1.14
1.7

2

57.13
50
7.13

Levels on top stalles ℄ Florida st from 25 N of N.L. University to 25's of S.L. Alley between El Cajon & Howard.

	+ R	H.I.	− R	elev top stalles	Grade
B.M. Mon N.E. Ala & Univ				265.57	
B.M.	12.96	278.53			
T.P.	7.05	285.54	0.04	278.49	
0+0 = dead end 25' N. of N.L. Univ			1.60	28.39	278.50
50			3.28	282.26	273.50
1+0			8.3	277.2	268.50
T.P.	1.20	274.01	12.73	272.81	
1+50			2.60	271.4	263.50
2+0			7.23	266.78	258.50
2+50			11.2	262.8	253.50
T.P.	3.22	264.91	12.32	261.69	
2+85 = M.H. where sewer goes to Main going down alley bet Florida & Alabama.			12.40	252.5	250.0
3+0			11.80	253.1	250.27
3+50			11.3	253.6	251.18
4+0			8.48	256.43	252.09
5+0			7.0	257.9	253.00
5+0			4.8	260.1	253.91
5+50			5.6	259.3	254.82
6+0			4.2	260.7	255.73
6+15 = M.H. ℄ Lincoln			4.4	260.5	256.00
6+50			3.93	260.98	256.77
7+0			2.8	262.1	257.87
7+50			1.22	263.69	258.97
T.P.	11.31	274.00	1.22	263.69	

10/ Dimple
30/ Evans
11 Mehrin

cut

265.57
12.82
278.39 H.I.
73.50
4.89

278.39
268.50
9.89

278.39
63.50
14.89

256.43
2.74
259.17 H.I.
50.27
8.90

259.17
250.00
9.17

259.17
51.18
7.99

259.17
52.09
7.08

259.17
56.00
6.17

260.98
4.41
265.39 H.I.
53
12.39

65.39
53.91
11.48
5+0

65.39
54.82
10.57

65.39
55.73
9.66
6+0

65.39
56.00
9.39
M.H.

65.39
56.77
8.62

65.39
57.87
7.52

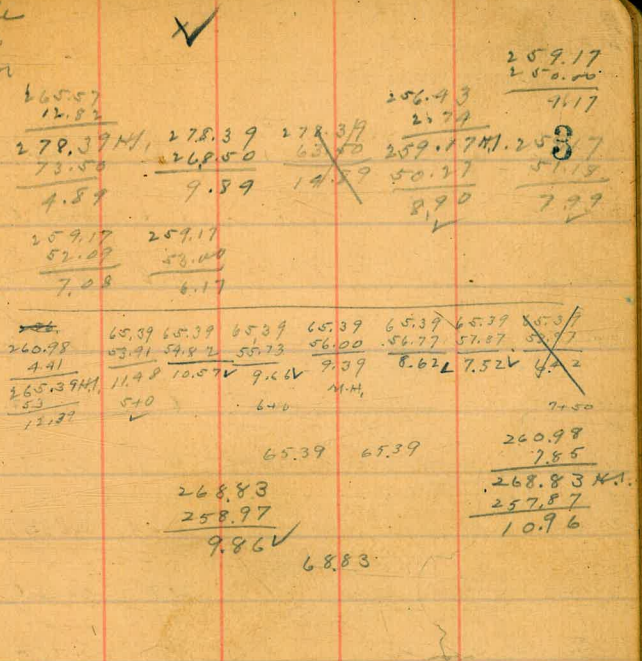
65.39
58.97
6.42
7+50

65.39 65.39

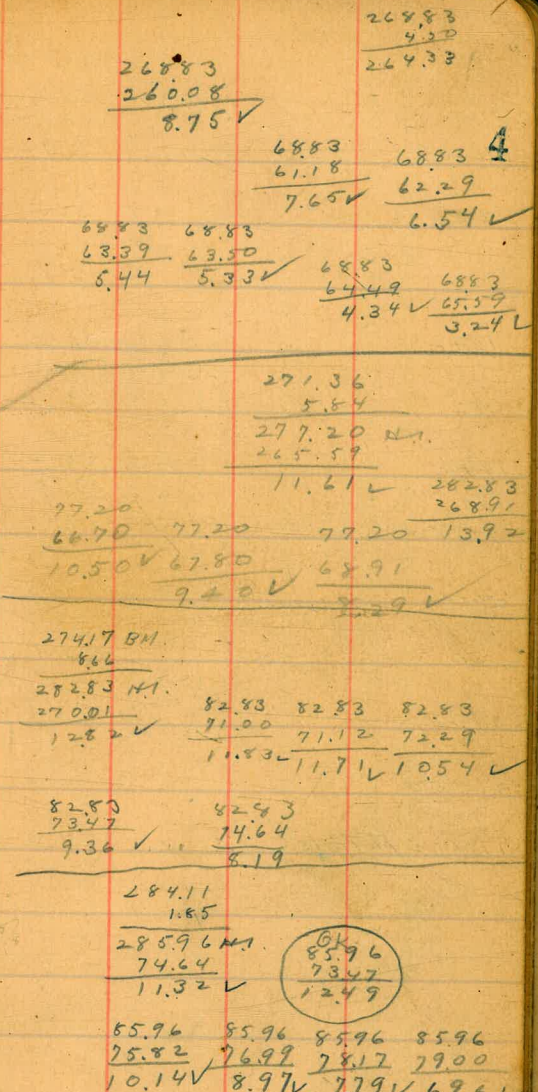
268.83
258.97
9.86

68.83

260.98
7.85
268.83 H.I.
257.87
10.96



		275.00				
8+0			10.9	264.1	260.08	4.0 ✓
8+50			10.6	264.4	261.18	3.2 ✓
9+0			18.8	266.2	262.29	3.9 ✓
9+50			6.8	268.2	263.39	4.8
9+55 — M.H.			6.8	268.2	263.50	4.7 ✓
10+0			9.3	270.7	264.99	5.2 ✓
10+50			3.64	271.36	265.57	5.8 ✓
11+0			2.9	272.6	266.70	5.9 ✓
50			1.6	273.4	267.80	5.6 ✓
12+0			1.6	273.4	268.91	4.5 ✓
50			0.83	274.17	270.01	4.2 ✓
T.P.	9.73	283.90	0.83	274.17		
12+95 ℄ Pole M.H.			8.5	275.4	271.00	4.4 ✓
13+0			5.4	275.8	271.12	4.4 ✓
50			7.9	276.0	272.29	3.7 ✓
14+0			6.2	277.7	273.47	4.2 ✓
50			5.3	278.6	274.64	4.0 ✓
15+0			4.2	279.7	275.82	3.9 ✓
50			2.4	281.5	276.99	4.5 ✓
T.P.	10.96	294.32	0.44	283.46		
16+0			10.21	284.11	278.17	5.9 ✓
16+35 — M.H.			8.4	285.9	279.00	6.9 ✓



		294.32				
16+50			7.9	286.4	279.35	7.0 ✓
17+0			5.5	288.8	280.53	8.3 ✓
50			2.8	291.5	281.70	9.8 ✓
18+0			0.62	293.70	282.88	10.8 ✓
T.P.	4.40	298.10	0.62	293.70	"	
50			3.9	294.2	284.05	10.2 ✓
19+0			5.2	292.9	285.23	7.7 ✓
19+50			6.0	292.1	286.40	5.7 ✓
19+75 ℄ Howard. M.H.			6.6	291.5	287.00	4.5 ✓
20+00			6.5	291.6	287.27	4.3 ✓
50			6.1	292.0	287.80	4.2 ✓
21+0			5.3	292.8	288.34	4.5 ✓
21+50			4.80	293.30	288.87	4.4 ✓
21+66 = P.T. = 25' S of Alley			4.4	293.7	289.05	4.7 ✓

293.30 B.M.
3.80
297.10 H.I.
288.87
8.23 ✓

97.10 97.10 97.10
89.05 88.34 87.80
8.05 ✓ 8.76 ✓ 9.30 ✓

97.10 97.10 97.10
87.29 87.28 87.00
9.30 9.83 10.10 ✓
9.78 ✓

97.10 97.10 97.10
86.40 85.23 84.05
10.70 11.87 ✓ 13.05

285.96 H.I.
279.35
6.61 ✓

85.96 85.96 85.96
80.53 81.70
5.43 ✓

293.70
3.35
297.05 H.I.
281.70
15.35 ✓

97.05 97.05 97.05
82.88 84.05 85.23
14.17 ✓ 13.00 ✓ 11.82

6" Sewer ℄ Alley between Texas & Arizona from ℄ Alley between El Cajon & Howard, To F.T. 30' N of N.L. Polk,

Sta	~~H~~ R	H.I.	− R	elev top stakes	Grade	Cut,
	0.47	333.70		333.23		
T.P.	5.38	330.88	8.20	325.50		
0+0					319.00	
0+50			5.49	325.39	319.23	6.2 ✓
1+0			5.9	325.0	319.47	5.5 ✓
50			6.0	324.9	319.71	5.2 ✓
2+0			6.4	324.5	319.94	4.6 ✓
2+27.8 = M.H. ℄ Howard,			6.2	324.7	320.07	4.6 ✓
2+50			5.8	325.1	320.18	4.9 ✓
3+0			5.8	225.1	320.42	4.7 ✓
50			5.0	325.9	320.65	5.3 ✓
4+0			5.0	325.9	320.89	5.0 ✓
50			4.98	325.90	321.13	4.8 ✓
5+0			4.8	326.1	321.36	4.7 ✓
5+27.8 = M.H.			4.9	326.0	321.49	4.5 ✓
5+50			5.3	325.6	321.60	4.0 ✓
6+0			5.0	325.9	321.84	4.1 ✓
6+50			4.4	326.5	322.07	4.4 ✓
7+0			3.4	327.5	322.31	5.2 ✓
7+50			3.3	327.6	322.54	5.1 ✓

POSTED

3

6

325.90 / 3.55 / 329.45 H.I. / 19.00 / 10.45 ✓

329.45 / 19.23 / 10.22 ✓

329.45 / 19.47 / 9.98 ✓

329.45 / 19.71 / 9.74 ✓

329.45 / 19.94 / 9.51 ✓

329.45 / 20.07 / 9.38 M.H. ✓

29.45 / 20.18 / 9.27 ✓

325.90 B.M. / 3.85 / 329.75 H.I. / 320.42 / 9.33 ✓

329.75 / 20.18 / 9.57 ✓

29.75 / 20.65 / 9.10 ✓

29.75 / 20.89 / 8.86 ✓

29.75 / 21.13 / 8.62 ✓

29.75 / 21.36 / 8.39 ✓

29.75 / 21.49 / 8.26 ✓

29.75 / 21.60 / 8.15 ✓

29.75 / 21.84 / 7.91 ✓

29.75 / 22.07 / 7.68 ✓

29.75 / 22.31 / 7.44 ✓

29.75 / 22.54 / 7.21 ✓

29.75

		330.88				cut	329.75 = Pt. 1.	329.75
8+0			3.0	327.9	322.78	5.1 ✓	322.78	323.00
							6.97 ✓	6.75
8+37² = F.T. 30' N. of N.L. Polk			3.2	327.7	323.00	4.7		

Sewer line ℄ Texas from ℄ Alley S of El Cajon to ℄ Alley N of El Cajon.

	+ R	H.I.	− R	elev. top stakes	Grade	CUT
B.M. Mon S.W. Texas & El Cajon				322.14		
B.M.	10.43	332.57				
0+0					315.00	
50			11.5	321.1	315.33	5.8 ✓
1+0			10.5	322.1	315.67	6.4 ✓
50			9.6	323.0	316.00	7.0 ✓
2+0			8.5	324.1	316.34	7.8 ✓
2+25					316.51	
50			6.5	326.1	316.67	9.3 Not Set
2+75					316.84	
3+0			8.4	324.2	317.00	7.2 ✓
50			8.5	324.1	317.34	6.8 ✓
4+0			8.0	324.6	317.67	6.9 ✓
A+45 = M.H. ℄ Alley			7.6	325.0	318.00	7.0 ✓

POSTED

5

216.67
17
216.84

26.92
16.84
10.08

9.92
17
10.09

B.M. 322.14
4.78
326.92 H.I. ✓

34
17
26.92
16.51
10.41

16.34
17
16.51

8

26.92
15.33
11.59 ✓

26.92
15.67
11.25 ✓

26.92
16.00
10.92 ✓

26.92
16.34
10.58 ✓

26.92
16.67
10.25

26.92
17.00
9.92 ✓

26.92
17.34
9.58 ✓

26.92
17.67
9.25

26.92
18.00
8.92

322.14
6.57
328.71 H.I.
316.51
12.20 ✓

28.71
17.00
11.71

316.84
11.87 ✓

322.14
6.94
329.08 H.I.
317.34
11.74

329.08
317.67
11.41 ✓

329.08
318.00
11.08 ✓

329.08 = H.I.
3.34
325.74 = B.M.

Sewer line ℄ Line of Alley N of El Cajon from
FT. 25' E of ℄ Alley between Mississippi & Louisiana
To ℄ Alley between Oregon & Idaho.

	+ R	H.I	− R	elev top stakes	Grade	Cut
B.M. Mon S.W. El Cajon & Texas				322.14		
B.M.	10.43	332.57				
0+0 F.T.					328.00	5.4
50	POSTED		0.92	331.65	326.88	4.8 ✓
1+0			2.2	330.4	325.75	4.7 ✓
50			4.2	328.4	324.63	3.8 ✓
2+0			5.5	327.1	323.50	3.6 ✓
50			5.8	326.8	322.36	4.2 ✓
3+0		5	6.6	326.0	321.24	4.8 ✓
+50			7.9	324.7	320.11	4.6 ✓
+54.7 M.H. Alley			7.9	324.7	320.00	4.7 ✓
4+0			9.1	323.5	319.53	4.0 ✓
50			8.9	323.7	319.00	4.7 ✓
5+0			8.5	324.1	318.48	5.6 ✓
5+44.7 M.H. Ct Texas			7.6	325.0	318.00	7.0 ✓
+50			7.3	325.3	318.10	7.2
6+0			7.2	325.4	319.16	6.2 ✓
50			6.6	326.0	320.21	5.8 ✓
7+0			6.3	326.3	321.27	5.0 ✓
7+34.7 M.H. Alley			4.9	327.7	322.00	5.7

331.65 B.M.
1.33
332.98 H.I.
326.88
6.10 ✓

32.98 / 25.75 / 7.23 ✓ — 32.98 / 24.63 / 8.35 ✓ — 32.98 / 23.50 / 9.48 ✓ — 32.98 / 22.36 / 10.62 ✓

32.98 / 21.24 / 11.74 ✓ — 32.98 / 20.11 / 12.87 ✓ — 32.98 / 20.00 / 12.98 ✓

53

332.98 H.I.
+.30
324.68 T.P.
4.21
328.89

~~328.89 / 320.00 / 8.89~~ — ~~28.89 / 19.53 / 9.36~~ — ~~28.89 / 19.00 / 9.89~~ — ~~28.89 / 18.48 / 10.41~~

324.68
4.15
328.83 H.I.
320.00
8.83 ✓

53

28.83 / 19.53 / 9.30 ✓ — 28.83 / 19.00 / 9.83 ✓

28.83 / 18.48 / 10.35 ✓ — 28.83 / 18.00 / 10.83 ✓ — 28.83 / 18.10 / 10.73 — 28.83 / 19.16 / 9.67 ✓

28.83 / 20.21 / 8.62 ✓ — 28.83 / 21.27 / 7.56 ✓ — 28.83 / 22.00 / 6.83

Sec 474-50

		332.57				
2+50			4.5	328.1	322.79	5.3
8+00			1.4	331.2	325.42	5.8
T.P.	12.07	343.92	0.72	331.85		
50			10.4	333.5	328.05	5.5
9+00			6.5	337.4	230.68	6.7
9+24 M.H. E. Arizona			6.5	337.4	332.00	5.4
9+50			5.1	238.8	339.63	4.2
T.P.	12.94	356.76	0.10	343.82		
10+00			12.3	344.5	339.89	4.6
50			5.5	351.3	345.15	6.2
T.P.	12.30	368.68	0.38	356.38		
11+00			11.54	357.14	350.41	6.7
11+15 Alley			10.3	358.4	352.00	6.4
+50			7.0	361.7	354.21	7.5
12+00			3.9	365.8	357.37	8.4
T.P.	10.37	378.91	0.14	368.54		
50			9.8	368.1	360.52	7.6
13+00			9.1	369.8	363.68	6.1
13+05 15 Hamilton			9.5	369.4	364.00	5.4
13+50			8.1	370.8	364.71	6.1
14+00			6.0	372.9	365.50	7.4
14+50			4.7	374.2	386.29	7.9
14+95 3 M.H. Alley			4.0	374.9	367.00	7.9

	378.91			
15+0	3.6	375.3	367.03	8.3
50	4.5	374.4	367.29	7.1
16+0	5.0	373.9	367.55	6.4
50	4.8	374.1	367.81	6.3
17+0	4.5	374.4	368.08	6.3
50	3.7	375.2	368.34	6.9
18+0	3.7	375.2	368.60	6.6
18+50	3.4	375.5	368.87	6.6
18+75 ^{2} = M.H. & Alley	3.5	375.4	369.00	6.4

Sewer ℄ Alley between Arizona & Texas from ℄ Alley N of El Cajon to ℄ Madison

St	+ R	H.I	- R	Elev top stakes	Grade	cut
B.M. B.P.	Mon	S.W. Texas & El Cajon		322.19		
B.M.	12.56	339.70				
0+0 = M.H. ℄ Alley N of El Cajon			7.0	327.7	322.00	5.7 ✓
0+50			5.4	329.3	322.81	6.4 ✓
1+0	POSTER		5.2	329.5	323.62	5.9 ✓
1+5			4.06	330.64	324.42	6.2 ✓
2+0			3.1	331.6	325.23	6.4 ✓
2+50 = M.H.			2.4	332.3	326.03	6.3 ✓
3			0.68	B.M. 334.02	326.84	7.2 ✓
T.P.	7.47	341.49	0.68	334.02		
+50			8.4	333.1	327.65	5.5 ✓
4+0			7.9	333.6	328.45	5.2 ✓
+50			7.4	334.1	329.26	4.8 ✓
4+94.7 = M.H. ℄ Meade ✓			4.5	337.0	330.00	7.00 ✓
5+0			4.5	337.0	330.05	7.0
+50			6.3	335.2	330.49	4.7 ✓
6+0			5.9	335.6	330.93	4.7 ✓
+50			5.1	336.4	331.37	5.0 ✓
7+0			4.5	337.0	331.81	5.2 ✓
50			4.3	337.2	332.25	5.0 ✓
			3.8	337.7		

1

12

328.83 H.I.
322.81
6.02

28.83
23.62
5.21

34.34
21.27
13.07

330.64
3.70
334.34 H.I.
22.81
11.53 ✓

334.34
322.00
12.34

34.34
23.62
10.72 ✓

34.34
24.42
9.92 ✓

34.34
25.23
9.11 ✓

34.34
26.03
8.31 ✓

34.34
26.84
7.50 ✓

34.34
27.65
6.69 ✓

34.34
28.45
5.89 ✓

334.02
5.55
339.57 H.I.
326.84
12.74

39.57
28.45
11.12 chk

39.57
29.26
10.31 ✓

39.57
30.00
9.57 ✓

39.57
30.05
9.52

39.57
30.49
9.08 ✓

39.57
30.93
8.64 ✓

39.57
31.37
8.20 ✓

39.57
31.81
7.76 ✓

39.57
32.25
7.32 ✓

339.57 H.I.
2.38
337.19 TP
5.31
342.50

		341.49			
8+0			3.8	337.7	332.69
8+34 2 M.H.			3.9	337.6	333.00
+50			3.8	337.7	333.13
9+0			3.13	338.36	333.57
T.P.	9.28	347.64	3.13	338.36	
50			7.4	340.2	334.01
10+0			7.7	339.9	339.45
50			7.1	340.5	334.89
11+0			5.4	342.2	336.33
50			4.7	342.9	336.77
11+75 2 M.H. ℄ Monroe ✓			4.5	343.1	336.00
12+0			4.1	343.5	336.33
50			3.5	344.1	336.98
13+0			3.10	B.M. 344.54	337.65
50			2.7	344.9	338.81
14+0			2.5	345.1	338.97
50			2.1	345.5	339.63
15+0			1.63	B.M. 346.01	340.29
	9.20	355.21	1.63	346.01	
15+15 2 M.H ✓			9.0	346.2	340.50
T.P.					
50			8.8	346.4	340.96
16+0			8.1	347.1	341.62

347.58
344.54
3.04

En el Pelo de las riejas hace un mido los ratones

42.50
32.25
10.25 chk

342.50
338.36
4.14

5.0 ✓	342.50 H.I. 32.69 9.81 ✓			
4.6 ✓		42.50 33.00 9.50 ✓	42.50 33.13 9.37 ✓	42.50 33.57 8.93 ✓
4.6 ✓	338.36 9.22 347.58 334.01 13.57 ✓			
4.8 ✓		47.58 34.45 13.13 ✓	47.58 34.89 12.69 ✓	47.58 35.33 12.25 ✓
6.2 ✓				47.58 35.77 11.81 ✓
5.5 ✓	47.58 36.00 11.58 ✓	47.58 36.33 11.25 ✓	47.58 36.99 10.59 ✓	47.58 37.65 9.93
5.6 ✓	344.54 5.18 349.72 H.I. 337.65 12.07 ✓			47.58 38.31 9.27
6.9 ✓		49.72 38.31 11.41 ✓	49.72 38.97 10.75 ✓	49.72 39.63 10.09 ✓
7.1 ✓	49.72 40.01 9.71			49.72 40.29 9.43 ✓
7.1 ✓	49.72 40.50 9.22 ✓	49.72 40.96 8.76 ✓	49.72 41.62 8.10 ✓	49.72
7.2 ✓				
7.1 ✓				
6.9 ✓				
6.6 ✓				
6.1 ✓				
5.9 ✓				
5.7 ✓				
5.7 ✓				
5.4 ✓				
5.5 ✓				

355.21

16+50	7.4	347.8	342.28	
17+0	6.6	348.6	342.94	
50	5.5	349.7	343.60	
		B.M		
18+0	4.64	350.57	344.26	
50	2.9	352.3	344.93	
18+55 M.H. 4, Madison	2.6	352.6	345.00	

See Book 933-76 for contin. levels

5.5	✓
5.7	✓
6.1	✓
6.3	✓
7.4	
7.6	✓

49.72 − 42.28 = 7.44 ✓
49.72 − 42.94 = 6.78 ✓
49.72 − 43.60 = 6.12 ✓
355.87 − 343.60 = 12.27 ✓

14

350.57 + 5.30 = 355.87 N.1
355.87 − 44.26 = 11.61 ✓
55.87 − 44.93 = 10.94
55.87 − 45.00 = 10.87 ✓

Sewer beginning at M.H. ℄ Polk & Alley between Florida & Alabama Thence E to ℄ Alabama Thence N on ℄ Ala To F.T. 30' S of Alley between El Cajon & Howard.

Sta	+ R	H.I.	− R	elev Top Stakes	Grade	cut
B.M.				278.59		
B.M.	10.31	288.90				
0+0 = M.H. ℄ Polk & Alley					273.00	
50			6.8	282.1	275.63	6.5 ✓
1+0			2.8	286.1	278.26	7.8 ✓
1+50			0.30	B.M. 288.60	280.90	7.7 ✓
T.P.	5.80	294.40	0.30	288.60		
1+90 = M.H. ℄ Polk & Ala.			2.9	291.5	283.00	8.5 ✓
2+0			3.2	291.2	283.05	8.2 ✓
50			3.6	290.8	283.27	7.5 ✓
3+0			4.4	290.0	283.49	6.5 ✓
50			5.2	289.2	283.71	5.5 ✓
4+0			5.6	288.8	283.93	4.9 ✓
50			5.6	288.8	284.15	4.6 ✓
5+0			5.7	288.7	284.37	4.3 ✓
5+30 = M.H.			5.4	289.0	284.50	4.5 ✓
5+50			5.3	289.1	284.59	4.5 ✓
6+0			5.0	289.4	284.81	4.6 ✓
50			5.3	289.1	285.03	4.1 ✓
7+0			4.7	289.7	285.25	4.5 ✓

POSTED

278.54 B.M.
9.16
287.70 H.I.
275.63
12.07 ✓

87.70
78.26
9.44 ✓

87.70
80.90
6.80

288.60
5.69
294.29 H.I.
280.90
13.39 ✓

94.29
83.00
11.29 ✓

94.29
83.05
11.24 ✓

94.29
83.27
11.02 ✓

94.29
83.49
10.80 ✓

94.29
83.71
10.58 ✓

94.29
83.93
10.36 ✓

94.29
84.15
10.14 ✓

94.29
84.37
9.92

289.89 = B.M.
3.94
293.83 = H.I.
284.37
9.46 ✓

93.83
84.50
9.33 ✓

93.83
84.59
9.24 ✓

93.83
84.81
9.02 ✓

93.83
85.03
8.80 ✓

93.83
85.25
8.58 ✓

		294.40				
7+50			4.51	289.89	285.47	4.4 ✓
T.R.	9.39	299.28	4.51	289.89		
8+00			9.2	290.1	285.69	4.4 ✓
7+50			7.3	292.0	285.91	6.1 ✓
8+70 M.H. @ Howard			7.5	291.8	286.00	5.8 ✓
9+00			6.9	292.9	287.12	5.8 ✓
50			5.1	294.2	288.99	5.2 ✓
10+00			3.0	296.3	290.86	5.4 ✓
50			2.3	297.0	292.73	4.3 ✓
10+57 = F.T. 30's of S.L. Alley			2.5	296.8	293.00	3.8 ✓

293.83 = H.I.

93.83 − 85.47 = 8.36 ✓
93.83 − 85.69 = 8.14 ✓
93.83 − 85.91 = 7.92 ✓
93.83 − 86.00 = 7.83
93.83 − 87.12 = 6.71

289.89 + 8.43 = 298.32 H.I.
298.32 − 285.91 = 12.41
298.32 − 287.12 = 11.20 ✓

98.32 − 86.00 = 12.32 ✓
98.32 − 88.99 = 9.33 ✓
98.32 − 90.86 = 7.46
98.32 − 92.73 = 5.59

289.89 + 9.60 = 299.49 H.I.
299.49 − 288.99 = 10.50

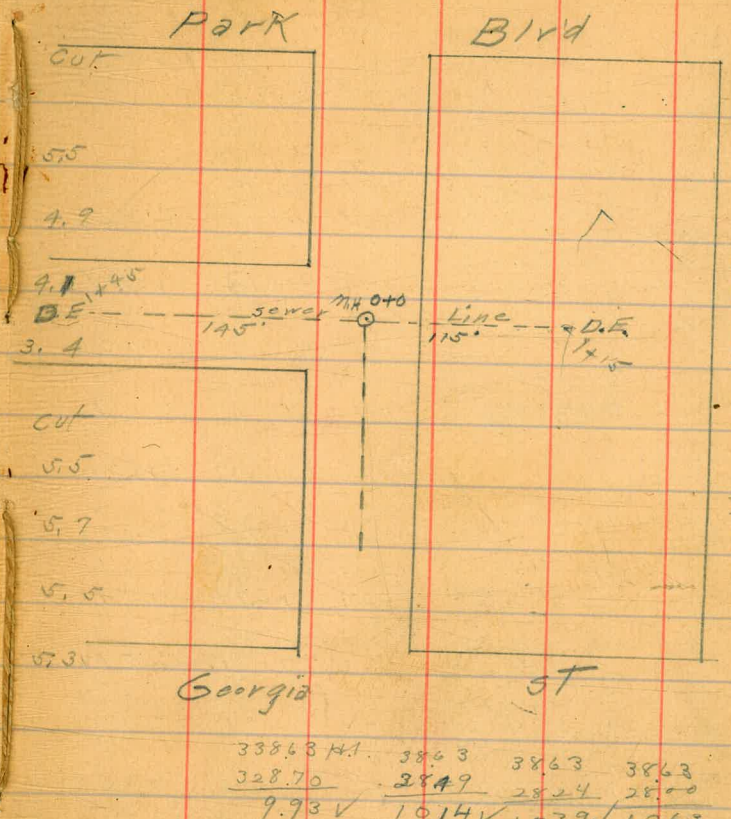
99.49 − 90.86 = 8.63
99.49 − 92.73 = 6.76

99.49 − 93.00 = 6.49

Sewer Line see opp Page

Sta	+ R	H.I.	- R	elev on stakes	Grade
B.M. = B.P. drive ways to normal	1.35	344.93		343.58	
B.M. T.P.	4.64	338.10	11.47	333.46	
0+05			4.6	333.5	328.00
0+50 S			4.99	B.M. 333.11	328.24 ✓
1+0	POSTED		5.5	332.6	328.49 ✓
1+45			6.0	332.1	328.70 ✓
		338.10			
0+0 N			4.6	333.5	328.00
0+50 N	Note stakes set 15' W of E.		4.0	334.1	328.43 ✓
1+0			3.7	334.4	328.87 ✓
1+15			3.8	334.3	329.00 ✓

5



338.68 H.I.

38.63	38.63	38.63	38.63
328.70	328.49	328.24	328.00
9.93 ✓	10.14 ✓	10.39 ✓	10.63

38.63	38.63	38.63	38.63
28.43	28.87	29.00	
10.20 ✓	9.76 ✓	9.63 ✓	

Sewer Line in ℄ Alley between El Cajon & Howard, from ℄ Alley E. of Park Blvd To 25' W. of W.L.

Mississippi

Sta.	+ R	H.I.	− R	elev. to stakes 343.58	Grade	Cut
B.M. brass plg drive way to normal						
B.M.	1.35	344.93				
T.P.	4.64	338.10	11.47	333.46		
0+0 = M.H.			4.6	333.5	328.00	5.5 ✓
0+50			8.97	329.13	323.79	5.3 ✓
T.P.	1.43	326.82	12.71	325.39		
1+0			3.9	322.9	319.58	3.3 ✓
1+50			7.2	319.6	315.37	4.2 ✓
1+90 M.H. ℄ Georgia			8.3	318.5	312.00	6.5
2+0			9.1	317.7	311.36	6.3 ✓
T.P.	1.44	315.30	12.96	313.86		
2+50			2.51	B.M. 312.79	308.19	4.6 ✓
3+0			4.2	311.1	305.01	6.1 ✓
3+50			5.7	309.6	301.84	7.8 ✓
3+78.5 = M.H. ℄ Alley bet. Florida & Ga.			9.3	306.0	300.00	6.0
4+0			11.12	B.M. 304.18	298.78	5.4 ✓
T.P.	0.89	303.31	12.88	302.42		
4+50			2.4	300.9	295.89	5.0 ✓
5+0			4.1	299.2	292.99	6.2 ✓
5+50			8.6	294.7	290.10	4.6 ✓
5+69 M.H. ℄ Florida			9.1	294.2	289.00	5.2 ✓
6+0			9.4	293.9	288.35	5.6 ✓
6+50			13.8	289.5	287.30	2.2 ✓

POSTED

18

329.13
9.50
338.63 H.I.
323.79 38

329.13
2.79
331.92 H.I.
323.79
8.13 ✓

331.92
328.00
3.92 M.H.

331.92
319.58
12.34 ✓

322.83 H.I.
315.37
7.46 ✓

22.83 22.83
11.36 08.19
11.47 ✓ 14.64 ✓

3.17

304.18
7.03
311.21
305.01
6.20 ✓

311.21 11.21 311.21
301.84 298.78
9.37 ✓ 11.21 12.43 ✓

304.18
0.20
304.38
295.89
8.49 ✓

304.38 304.38
292.99 290.10
11.39 ✓ 14.28

292.99
7.98
300.97
290.10
10.87 ✓

300.97
289.00
11.97

290.10
8.22
298.32
289.00
9.32

294.20 = H.I.
288.35
5.85 ✓

94.20
87.30
6.90 ✓

		303.31				
7+0			13.00	290.3	286.25	4.0 ✓
7+50			13.00	290.3	285.20	5.1
7+59 9 = M.H. ℄ Alley			12.9	290.6	285.00	5.6 ✓
8+0			11.4	291.9	286.81	5.1 ✓
+50			9.2	294.1	289.07	5.0 ✓
9+0			6.8	296.5	291.33	5.2 ✓
9+50 ~~9+49~~ 9 = [illegible]			4.4	298.9	293.60	5.3 (Not in)
10+0			2.43	B.M. 300.88	295.86	5.0 ✓
T.P.	11.98	312.86	2.43	300.88		
+50			9.2	303.7	298.12	5.6 ✓
11+0			5.9	307.0	300.39	6.6 ✓
11+39 7 M.H. ℄ Alley			5.8	307.1	302.20	4.9 ✓
11+50			5.9	307.0	302.83	4.2
T.P.	9.39	321.04	1.21	311.65		
12+0			8.4	312.6	305.99	6.6
+50			3.16	B.M. 317.88	309.15	8.7
12+64 = P.E. 25 W. of W.L. Miss.			2.5	318.5	310.00	8.5

300.88
1.63
302.51 H.I.

5) 2.27
.45

2.26

2.26
2.27

302.51
291.33
11.18 ✓

302.51
293.60
8.91

8.91
.45
8.46

19

302.51
295.86
6.65 ✓

302.51
298.12
4.39 ✓

302.51
300.39
2.12 ✓

302.51
302.20
0.31 ✓

291.33
2.87
294.20 = H.I.
286.25
7.95 ✓

94.20
85.20
9.00

94.20
85.00
9.20 ✓

94.20
86.81
7.39 ✓

94.20
89.07
5.13 ✓

Sewer ℄ Alley between Texas & Louisiana. From ℄ Alley N of El Cajon To ℄ Monroe

Sta	+ R	H.I.	- R	elevation stakes	Grade
B.M. Con. Mon cor El Cajon & Texas				322.14	
B.M.	6.94	329.08			
T.P.	7.06	332.80	3.34	325.74	
0+0 = M.H. ℄ alley E & west			8.1	324.7	320.00
0+50			8.0	324.8	320.40
1+0			7.04	B.M. 325.76	320.81
1+50			6.6	326.2	321.21
2+0			5.8	327.0	321.62
2+50 = M.H.			5.8	327.0	322.02
3+0			5.4	327.4	322.42
3+50			4.7	328.1	322.83
4+0			4.5	328.3	323.23
4+50			4.3	328.5	323.63
4+97 = M.H. ℄ Meade			3.8	329.0	324.00
5+0			3.8	329.0	324.07
5+0			3.3	329.5	324.73
6+0			2.9	329.9	325.39
6+50			1.9	330.9	326.05
7+0			0.68	B.M. 332.12	326.72
T.P.	9.41	341.53	0.68	332.12	

POSTED

cut.

325.76 + 6.48 = 332.24 H.I. − 321.62 = 10.62 ✓

32.24 − 22.02 = 10.22 ✓ | 32.24 − 22.42 = 9.82 ✓ | 32.24 − 22.83 = 9.41 ✓

32.24 − 23.23 = 9.01 ✓ | 32.24 − 23.63 = 8.61 ✓ | 32.24 − 24.00 = 8.24 ✓

32.24 − 24.07 = 8.17 | 32.24 − 24.73 = 7.51 ✓ | 32.24 − 25.39 = 6.85 ✓

4.7 ✓

4.4 ✓

5.0 ✓

332.12 + 6.42 = 338.54 H.I. − 326.72 = 11.82 ✓

32.24 − 26.05 = 6.19 ✓

5.0 ✓

5.4 ✓

38.54

5.0 ✓

325.74 + 4.58 = 330.34 H.I. − 321.21 = +9.13 ✓

30.34 − 20.81 = 9.53 ✓ | 30.34 − 20.40 = 9.94 ✓

5.0 ✓

5.3 ✓

5.1 ✓

30.34 − 20.00 = 10.34 ✓

4.9 ✓

5.0 ✓

4.9

4.8 ✓

4.5 ✓

4.9 ✓

5.4 ✓

341.53

7+50	8.3	333.2	327.38
8+0	8.9	333.1	328.04
8+34.7 M.H.	7.5	334.0	328.50
+50	7.5	334.0	328.70
9+0	6.9	335.1	329.37
+50	6.2	335.3	330.03
10+0	5.6	335.9	330.69
+50	4.2	337.3	331.35
11+0	1.6	339.9	332.02
+50	3.8	337.7	332.68
11+75 = M.H. @ Monroe	3.0	338.5	333.00

338.54 = H.I.
327.38
11.16 ✓

21

5.8 ✓
5.1 ✓
5.5 ✓
5.3 ✓
5.7 ✓
5.3 ✓
5.2 ✓
6.0 ✓
7.9 ✓
5.0 ✓
5.5 ✓

38.54	38.54	38.54	38.54
28.04	28.50	28.70	29.37
10.50 ✓	10.04 ✓	9.84 ✓	9.17 ✓
38.54	38.54	38.54	38.54
30.03	30.69	31.35	32.02
8.51 ✓	7.85 ✓	7.19 ✓	6.52
	38.54	38.54	
	32.68	33.00	
	5.86	5.54	

331.35
1.72
343.07 H.I.
932.02
11.05 ✓

43.07	43.07
32.68	33.00
10.39 ✓	10.07 ✓

Sewer & Alley between Louisiana & Miss. from & Alley N of El Cajon to & Monroe

Sta	+ R.	H.I.	− R	elev top stakes	Grade
B.M.				331.65	
B.M.	6.75	338.40			
0+0 = M.H. & Alley N. of El Cajon			4.9	333.5	327.60
0+50			5.04	B.M. 333.36	327.24
	POSTED				
1+0			4.8	333.6	327.98
1+50			3.9	334.5	327.72
2+0			3.9	334.5	327.97
2+50 = M.H.		5	3.7	334.7	328.20
3+0			3.6	334.8	328.99
3+50			3.9	334.5	328.68
4+0			3.57	B.M. 334.83	328.98
T.P.	4.82	339.65	3.57	334.83	
4+50			4.7	335.0	329.17
4+94.7 = M.H. & Meade			4.6	335.1	329.90
5+0			4.6	335.1	329.42
5+50			5.0	334.7	329.65
6+0			4.7	335.0	329.89
6+50			4.5	335.2	330.12
7+0			4.4	335.3	330.36
7+50			4.1	335.6	330.59

cut.

6.5 ✓
6.1 ✓
6.1 ✓
6.8 ✓
6.5 ✓
6.5 ✓
6.4 ✓
5.8 ✓
5.9 ✓
5.8 ✓
5.7 ✓
5.7 ✓
5.0 ✓
5.1 ✓
5.1 ✓
4.9 ✓
5.0 ✓

333.36 B.M.
5.41
338.77 H.I.
327.00
11.77 = M.H. ✓

22

38.77 − 27.24 = 11.53 ✓
38.77 − 27.48 = 11.29 ✓
38.77 − 27.72 = 11.05
38.77 − 27.97 = 10.80
38.77 − 28.21 = 10.56 ✓
38.77 − 28.44 = 10.33 ✓

38.77 − 28.68 = 10.09 ✓
38.77 − 28.93 = 9.84 ✓
38.77 − 29.17 = 9.60

334.83
4.71
339.54 H.I.
29.17
10.37 ✓

339.54 − 28.93 = 10.61

39.54 − 29.40 = 10.14 ✓
39.54 − 29.42 = 10.12 ✓
39.54 − 29.65 = 9.89 ✓
39.54 − 29.89 = 9.65 ✓

39.54 − 30.12 = 9.42 ✓
39.54 − 30.36 = 9.18 ✓
39.54 − 30.59 = 8.95 ✓

49 ✓

		339.65				
8+0			3.4	336.3	330.83	5.5 ✓
8+34.7 = M.H.			3.2	336.5	331.00	5.5 ✓
				B.M.		
+50			2.82	336.83	331.08	5.8 ✓
T.P.	6.12	342.95	2.82	336.83		
9+0			5.7	337.3	331.31	6.0 ✓
+50			5.1	337.9	331.55	6.4 ✓
10+0			4.6	338.4	331.78	6.6 ✓
+50			4.1	338.9	332.02	6.9 ✓
				B.M.		
11+0			4.40	338.55	332.25	6.3 ✓
+50			4.6	338.4	332.49	5.9 ✓
11+75 M.H. ℄ Monroe			5.0	338.0	332.60	5.4 ✓

339.54 H.I.

39.54 / 30.83 / 8.71 ✓
39.54 / 31.00 / 8.54 ✓
39.54 / 31.08 / 8.46 ✓

336.83 / 5.80 / 342.63 H.I. / 331.31 / 11.32 ✓

42.63 / 31.08 / 11.55

42.63 / 31.55 / 11.08 ✓
42.63 / 31.78 / 10.85 ✓
42.63 / 32.02 / 10.61

42.63 / 32.25 / 10.38
42.63 / 32.49 / 10.14
42.63 / 32.60 / 10.03

338.55 / 4.44 / 342.99 H.I. / 332.02 / 10.97 ✓

42.99 / 32.25 / 10.74 ✓
42.99 / 32.49 / 10.50 ✓

42.99 / 32.60 / 10.39 ✓

Sewer beginning ℄ Georgia 12' N of Howard. N to ℄ El Cajon
W on El Cajon To ℄ Alley bet. Georgia & Park Blvd Thence N
To F.F. 20' S. of S. Line Meade

	+ R.	H.I.	− R	elev Top of Plates	Grade
B.M.	11.28	324.07		312.79	
B.M.				B.M.	
0+0 = 12 N. of Howard.			5.07	319.00	314.00
0+13 = end of Sewer D.E					313.85 ✓
0+50			5.5	318.6	313.43
1+0			5.7	318.4	312.86
				POSTED	
+50			5.7	318.4	312.29 ✓
1+74 = M.H. ℄ Alley.			5.6	318.5	312.00
2+0			5.5	318.6	312.20 ✓
+50			5.8	318.3	312.90
3+0			6.0	318.1	313.50 ✓
50			6.7	317.4	314.10
4+0 = M.H. ℄ El Cajon			5.4	318.7	314.70
+50			6.2	317.9	315.70
5+0			5.90	B.M. 318.17	316.70
+50			2.8	321.3	317.70
+65 M.H. ℄ Alley bet Georgia & Park Blvd	7.96	330.31	1.22	322.85	318.00
T.P.			1.22	322.85	
6+0			7.27	B.M. 323.59	318.39 ✓
+50			10.8	320.0	318.94
7+0			9.5	321.3	319.50
7+45 T.P.			5.5	325.3	320.00
	11.98	342.59	0.20	330.61	

cut

24

319.00
4.44
323.44 H.I.
313.43
10.01 ✓

23.44
13.85
9.59 ✓

	323.44	23.44	23.44	23.44	23.44
	12.86	12.29	12.00	12.30	12.90
5.0	10.58 ✓	11.15	11.44	11.14	10.54
	319.00	322.83	322.83	322.83	322.83
	3.83	14.70	14.10	13.50	12.90
5.2 ✓	322.83 H.I.	8.13 ✓ M.H.	8.73 ✓	9.33 ✓	9.93 ✓
5.5 ✓	322.83	322.83	322.83	322.83	322.83
	12.30	12.00	12.29	12.86	12.90
6.1 ✓	10.53 ✓	10.83 ✓	10.54 ✓	9.97	
6.5 ✓					
		318.17			
		4.14			
6.3 ✓		322.31 H.I.	22.31	22.31	22.31
		315.70	16.70	17.70	
5.4 ✓		6.61 ✓	5.61 ✓	4.61 ✓	
4.6		22.31			
		18.00			
3.3 ✓		4.31 ✓			
	323.59				
	6.66				
4.0 ✓	330.25 H.I.				
	318.39				
2.2 ✓	11.86 ✓	30.25	30.25	30.25	
		18.94	19.50	20.00	
1.5 ✓		11.31 ✓	10.75 ✓	10.25 ✓	
3.6 ✓					
4.9 ✓					
5.2 ✓					
1.1 ✓					
1.8 ✓					
5.3 ✓					

		342.59				
8+0			9.98	B.M. 332.61	325.15	✓ 7.5
+50			4.4	338.2	329.83	✓ 8.4
9+0			2.2	340.4	334.52	✓ 5.9
9+05=M.H			2.3	340.3	335.00	✓ 5.3
+50			0.84	B.M. 341.75	335.57	✓ 6.2
T.P.	6.89	348.64	0.84	341.75		
10+0			6.9	342.2	336.20	✓ 6.0
+50			5.8	342.8	336.84	✓ 6.0
11+0			5.6	343.0	337.47	✓ 5.5
+50			5.20	B.M. 343.44	338.11	✓ 5.3
12+0			4.7	343.9	338.75	✓ 5.2
12+20=F.T. 20' S. of Meade			4.5	344.1	339.00	✓ 5.1

330.25 = H.I.
325.15
5.10 ✓

30.25
29.83
00.42

341.75
3.53
345.28 H.I.
334.52
10.76 ✓

45.28 45.28 45.28
35.00 35.57 36.20
10.28 ✓ 9.71 ✓ 9.08 ✓

343.44
3.92
347.36 H.I.
336.84
10.52 ✓

O.K.
47.36
36.20
11.16

.43
.68
C4

47.36 47.36 47.36
37.47 38.11 38.75
9.89 ✓ 9.25 ✓ 8.61 ✓

47.36
39.00
8.36 ✓

Sewer ℄ Alley between El Cajon & Meade from 20' E of E Line of Georgia to ℄ Alley between Mississippi & Louisana

Sta	+ R	H.I.	− R	elev top stakes	Grade	Cut
B.M.				318.17		
B.M.	4.22	322.39				
T.P.	6.01	323.86	4.54	317.85		
0+0 = D.E			0.64	B.M. 323.22	318.00	5.2 ✓
+50			2.6	321.3	16.85	4.5 ✓
1+0	POSTED		3.8	320.1	15.69	4.4 ✓
1+30 = M.H. ℄ Alley			4.8	319.1	315.00	4.1 ✓ X
+50			6.8	317.1	313.11	4.0 ✓ X
2+0			8.69	B.M. 315.17	308.38	6.8 ✓ X
+50			10.9	313.0	303.64	9.4 ✓
T.P.	0.75	312.36	12.25	311.61		
3+0			4.6	307.8	298.90	8.9
3+20 M.H. ℄ Flordia			7.3	305.1	297.00	8.1 ✓ X
+50			10.71	B.M. 301.65	296.84	4.8 ✓
4+0			14.0	298.4	296.58	1.8 ✓
+50			11.7	300.7	296.32	4.4 ✓
5+0			10.62	B.M. 301.74	296.05	5.7 ✓
5+10 M.H. ℄ Alley bet Flordia & Ala.			10.5	301.9	296.00	5.9 ✓
+50			10.1	302.3	297.58	4.7 ✓
6+0			8.0	304.4	299.55	4.9 ✓
T.P.	10.72	318.28	4.80	307.56		

195 16 69 89

26

323.22
0.94
324.16 H.I.
318.00
6.16 ✓

24.16 24.16 24.16 24.16 24.16
16.85 15.69 15.00 13.11 8.38
7.31 ✓ 8.47 ✓ 9.16 ✓ 11.05 ✓ 5.78

4.74

315.17
1.40
316.57 H.I.
308.38
8.19 ✓

316.57 16.57 16.57
303.64
12.93 ✓

301.74
5.94
307.68 H.I.
297.00
10.68 ✓

307.68 307.68 307.68 307.68
296.84 296.58 296.32 296.05
10.84 ✓ 11.10 ✓ 11.36 ✓ 11.63

307.68 307.68 307.68
296.00

301.74
5.01
306.75 H.I.
296.32
10.43

306.75 306.75 306.75
296.05 296.00 297.58
10.70 ✓ 10.75 ✓ 9.17 ✓

306.75
299.55
7.20 ✓

		318.28					
6+50			10.6	307.7	301.53	6.2 ✓	
7+0			10.47	B.M. 307.81	303.50	4.3 ✓	
+50			2.5	310.8	305.48	5.3 ✓	
8+0			4.0	314.3	307.45	6.9 ✓	
8+50			3.16	315.12	309.42	5.7 ✓	
8+90 M.H. & Alleybet Alley & Miss.			2.1	316.2	311.00	5.2 ✓	
9+0			1.10	B.M. 317.18	311.42	5.8 ✓	
T.P.	11.08	328.26	1.10	317.18			
+50			7.0	321.3	313.52	7.8 ✓	
10+0			5.7	322.6	316.63	7.0 ✓	
10+50			3.4	324.9	317.73	7.2	
11+0			1.44	326.82	319.84	7.0	
T.P.	9.23	336.05	1.44	326.82			
+50			6.8	329.3	321.94	7.4	
12+0			5.0	331.1	324.05	7.0 ✓	
12+50			2.72	B.M. 333.33	326.16	7.2 ✓	
12+70=M.H. & Alleybet Miss. & L.B.			2.52	333.53	327.00	6.5	

307.81
5.12
312.93 H.I.
294.55
13.38

312.93 312.93 312.93
301.53 308.50 305.48
11.70 ✓ 4.43 ✓ 7.45

307.81
11.25
319.06 H.I.
307.45
11.61

319.06
305.48
13.58

319.06
309.42
9.64 ✓

319.06 319.06
311.00 311.42
8.06 ✓ 9.64 ✓

317.18 = B.M.
9.75
327.13 H.I.
313.52
13.61 ✓

327.13
315.63
11.50 ✓

327.13
317.73
9.40

326.82
3.68
330.50 H.I.
326.16
4.34 ✓

30.50 30.50 30.50
24.05 21.94 19.84
6.45 ✓ 8.56 10.66 ✓

Sewer Alley between Miss. & Ala. Sts from Alley N of El Cajon to ℄ Madison

Sta	+R	H.I.	−R	elev top stakes	Grade
B.M.	12.13	327.25		315.12	
0+00 = M.H. ℄ Alley N of El Cajon			11.1	316.2	311.60
0+50			8.74	B.M. 318.51	312.59
1+00			6.6	320.7	314.18
1+50			5.6	321.7	316.78
1+80					316.73
2+00					
2+20 = M.H. Drop			3.7	323.6	317.00
2+50			3.3	324.0	318.22
3+00			1.31	B.M. 325.94	318.58
T.P.	10.12	336.06	1.31	325.94	
3+50			8.9	327.1	318.94
4+00			8.9	327.2	319.31
4+50			9.0	327.1	319.67
4+94 = M.H. ℄ Meade no Frank			6.0	330.1	320.00
5+00			6.1	330.0	320.03
5+50			5.6	330.5	320.32
6+00			5.2	330.9	320.61
6+50			5.5	330.6	320.91
7+00			6.4	329.7	321.20

POSTED

cut.

5.9 ✓
6.5 ✓
5.9 ✓
brick
5.6 ✓
5.8 ✓
7.4 ✓
8.2 ✓
7.9 ✓
7.4 ✓
10.1 ✓
10.0 ✓
10.2 ✓
10.3 ✓
9.7 ✓
8.5 ✓

		336.06			
7+50			7.90	B.M. 328.66	321.99
8+0			7.4	328.7	321.79
8+34.8 = M.H. break			6.9	329.2	322.3
8+50			6.7	329.4	322.13
9+0			6.2	329.9	322.57
9+50			5.8	330.3	323.01
10+0			5.0	331.1	323.95
10+50			3.9	332.2	323.89
11+0			2.6	333.5	329.13
11+50			1.47	B.M. 334.59	329.77
T.P.	3.70	338.29	1.47	334.59	
11+74.8 = M.H. Manhole break			4.1	334.12	325.00
12+0			3.7	334.6	325.15
12+50			4.0	334.3	325.44
13+0			4.7	333.6	325.73
13+50			5.8	332.5	326.03
14+0			6.2	332.1	326.32
14+50			5.9	332.4	326.61
15+0			5.6	332.7	326.90
15+14.8 = M.H. break			5.5	332.8	327.00

337.59 = H.I.

7.2	✓	37.59	37.59	37.59	37.59	37.59	37.59
		27.00	26.90	26.61	26.32	26.03	25.78
6.9	✓	10.59 ✓	10.69 ✓	10.98 ✓	11.27 ✓	11.56	11.86
7.2	✓	37.59	37.59	37.59			
		25.44	25.15	25.00			
		12.15	12.44	12.59			
7.3	✓	334.59			336.46	11.87	
		1.87			25.44		
		336.46 = H.I.			11.02	11.16	
7.3	✓	326.03	36.46	36.46	36.46	36.46	36.46
		10.43 ✓	25.73	25.44	25.15	25.00	
7.3	✓	336.46	10.73 ✓	11.02 ✓	11.31 ✓	11.46 ✓	
		325.59					
		10.87					
7.7	✓	36.46	36.46	36.46	36.46	36.46	36.46
		24.77	24.33	23.89	23.45	23.01	22.57
		11.69	12.13	12.57	13.01	13.45	13.89
8.3	✓	328.66		333.70			
		5.04					
9.2	✓	333.70					
		321.49	33.70	33.70	33.70	33.70	
9.8	✓	12.21 ✓	21.79	22.00	22.13	22.57	
			11.91 ✓	11.70	11.57 ✓	11.13	
9.2	✓	333.70					
		323.70	33.70	33.70	33.70	33.70	
9.4	✓	10.00	23.01	23.45	23.89	24.33	24.77
			10.69	10.25	9.81	9.37	8.93
8.9	✓	36.30			328.66		
		25.00	33.70		7.64		
7.9	✓	11.30	25.00		336.30 = H.I.	36.30	
			8.70		323.45	23.89	
6.5	✓	325.66			12.85	12.41 ✓	
		6.30		34.96	36.30	36.30	
5.8	✓	334.96 = H.I.		22.13	24.77	24.33	
		322.00		12.83	11.53 ✓	11.97 ✓	
5.8	✓	12.96 ✓					
					34.96	34.96	
5.8	✓				22.57	23.01	
					12.39 ✓	11.95 ✓	
5.8	✓	34.96	34.96		34.96	34.96	
		23.45	23.89		24.33	24.77	
		11.51 ✓	11.07		10.63	10.19	

338.29

15+50	5.8	332.5	327.20
16+0	4.9	333.4	327.99
+50	4.7	333.6	327.79
17+0	3.5	334.8	328.08
+50	3.80	B.M. 334.49	328.37
18+0	4.1	334.2	328.66
18+50	3.2	335.1	328.96
18+54.8 M.H. ℄ Madison	3.2	335.1	329.00

334.49 B.M.
3.10
337.59 H.I.
328.37
9.22 ✓

5.3 ✓	37.59	37.59	37.59
5.9 ✓	28.66	27.80	28.08
5.8 ✓	8.93 ✓	8.59 ✓	9.51 ✓
6.7 ✓	37.59	37.59	37.59
6.1 ✓	27.49	27.20	27.79
5.5 ✓	10.10 ✓	10.39 ✓	9.80 ✓
6.1			
6.1 ✓			

34 92 29

Sewer Alley between Georgia & Florida from ℄ Alley between El Cajon & Meade to F.T. 25' S. of Adams

Sta	+R	H.I.	−R	elev top stakes	Grade	cut
B.M.				323.22		
B.M.	3.65	326.87				
0+0 M.H. ℄ Alley					315.00	4.1
0+50			6.5	320.4	315.81	4.6 ✓
1+0			5.29	321.58	316.62	5.0 ✓
T.P.	10.99	332.57	5.29	321.58		
+50			10.2	322.4	317.43	5.0 ✓
2+0	POSTED		8.2	324.4	318.24	6.2 ✓
2+50 = M.H.			5.4	327.2	319.05	8.2 ✓
3+0			3.1	329.5	319.86	9.6 ✓
+50			1.56	331.01	320.67	10.3 ✓
T.P.	10.80	341.81	1.56	331.01		
4+0			10.0	331.8	321.48	10.3 ✓
+50			8.2	333.6	322.29	11.3 ✓
4+94.3 = M.H. ℄ Meade			8.3	333.5	323.00	10.5 ✓
5+0			7.5	334.3	323.10	11.2 Not in
+50			4.8	337.0	324.05	13.0 ✓
6+0			5.1	336.7	325.01	11.7 ✓
+50			3.6	338.2	325.96	12.2 ✓
7+0			1.13	340.68	326.92	13.8 ✓
T.P.	7.60	348.28	1.13	340.68		

.81 8.1

321.58
4.30
325.88 H.I.
315.81
10.07 ✓

25.88 25.88
16.62 17.43
9.26 ✓ 8.45 ✓

31

.81

8.1

321.58
8.80
330.38 = H.I.
318.24
12.14 ✓

30.38 30.38 30.38
19.05 19.86
17.33 ✓ 10.52 ✓

8.1

331.01
5.60
336.61 = H.I.
320.67
15.94 ✓

36.61 36.61 36.61
21.48 22.29 23.00
15.13 ✓ 14.32 ✓ 13.61 ✓

36.61
23.10
13.51

95 96 95

331.01
10.81
341.82 H.I.
323.10
18.72

41.82 41.82 41.82
24.05 25.01 25.96
17.77 ✓ 16.81 ✓ 15.86 ✓

41.82 41.82 41.82
26.92
14.90

340.68
4.65
345.33 H.I.

~~326.92~~
340.68
4.72
345.40 = H.I.
326.92
18.48 ✓

~~4068~~
4540

	348.28			
9+50		6.5	341.8	327.87
8+0		5.8	342.5	328.83
8+39 M.H. break		5.6	342.7	329.50
8+50		5.3	343.0	329.57
9+0		9.7	338.6	329.79
+50		10.2	338.1	330.01
10+0		9.62	B.M. 343.66	330.23
+50		5.0	343.3	330.45
11+0		5.8	342.5	330.67
11+10		5.9	342.4	330.71
11+40		6.0	342.3	330.85
11+74=M.H. & Monroe break		7.8	340.5	331.00
12+0		7.9	340.4	331.31
+50		8.77	339.51	331.90
13+0		9.7	338.6	332.49
+50		8.7	339.6	333.07
14+0		7.6	340.7	333.66
14+50		6.3	342.0	334.25
15+0		7.30	B.M 340.98	334.83
T.P. 9.20	350.28	7.30	340.98	
15+14 M.H. break		9.7	340.6	335.00

340.98 = B.M.
5.02
346.00
333.07
12.93

345.33 M.H.
329.50
15.83

343.66
1.25
344.91
330.01
14.90

345.40 = M.H.
327.87
17.53

345.40 M.H.
7.42
337.98 T.P.
3.22
347.20 = M.H.

339.51
5.46
344.97 = M.H.
331.00
13.97

339.51
3.60
343.11 M.H.
332.49
10.62

34366
3.42
347.08
330.23
16.85

13.9				
13.7				
13.2				
13.4				
8.8				
8.1				
13.4				
12.9				
11.7				
11.7				
11.4				
9.6				
9.1				
7.6				
6.1				
6.5				
7.0				
7.8				
6.2				
5.6				

46.00 / 33.66 / 12.34 | 46.00 / 34.25 / 11.75 | 46.00 / 34.89 / 11.11

46.00 / 35.00 / 11.00 | 46.00 / 35.21 / 10.79 | 46.00 | 46.00

45.40 / 28.83 / 16.57 | 45.40 / 29.50 / 15.90 | 45.40 / 29.57 / 15.83

45.40 / 29.79 / 15.61

41.20 / 29.79 / 11.41 | 41.20 / 30.01 / 11.19

43.11 / 31.90 / 11.21 | 43.11 / 31.31 / 11.80

47.08 / 30.45 / 16.63 | 47.08 / 30.71 / 16.37 | 47.08 / 30.85 / 16.23

32

			350.28			
15+50			8.9	341.4	335.21	
16+0			8.0	342.3	335.50	
+50			7.6	342.7	335.80	
17+0			6.71	B.M. 343.57	336.09	
+50			5.9	344.9	336.39	
18+0			5.1	345.12	336.68	
~~+50~~			4.8	345.5	336.98	
18+54 M.H. E. Madison brook			4.8	345.5	337.00	
19+0			3.8	346.5	337.77	
19+60			3.7	346.6	338.79	
20+0			2.9	347.4	339.44	
+50			1.87	B.M. 348.41	340.27	
T.P.	7.10	355.61	1.87	348.41		
20+79 M.H.			7.6	348.0	340.67	
21+00			6.2	349.4	341.10	
+50			6.1	349.5	341.94	
22+0			5.6	350.0	342.77	
+50			5.3	350.3	343.61	
23+0			6.0	349.6	344.44	
23+33 = F.T. 25" y Adams			6.5	349.1	345.00	

346.0 = 41.

6.2 ✓ 46.00 / 35.50 / 10.50 ✓ — 46.00 / 35.80 / 10.20 — 46.00 / 36.09

6.8 ✓

6.9 ✓ 343.57 / 5.27 / 348.84 H.I. / 335.80 / 13.04 ✓ — 48.84 / 36.09 / 12.75 ✓ — 48.84 / 36.39 / 12.45 ✓ — 48.84 / 36.68 / 12.16 ✓

7.5 ✓

8.0 ✓ 48.84 / 37.00 / 11.84 — 48.84 / 38.77 / 10.07 ✓ — 48.84 / 39.44 / 9.40 ✓ — 48.84 / 40.27 / 8.57

8.5 ✓

~~8.5~~ 348.41 / 5.65 / 354.06 H.I. / 340.27 / 13.79 ✓ — 54.06 / 40.67 / 13.39 ✓ — 54.06 / 41.10 / 12.96 ✓ — 54.06 / 41.94 / 12.12 ✓

9.5 ✓

8.7 ✓

7.8 ✓ 54.06 / 42.77 / 11.29 ✓ — 54.06 / 43.61 / 10.45 ✓ — 54.06 / 44.44 / 9.62 ✓ — 54.06 / 45.00 / 9.06 ✓

8.0 ✓ 343.57 / 5.46 / 349.03 H.I. / 337.00 / 12.03

8.1 ✓ 343.57 / 5.50 / 349.07 H.I. / 336.68 / 12.39 ✓ — 49.07 / 37.00 / 12.07 ✓

7.3 ✓ 49.07 / 37.77 / 11.30 ✓

8.3 ✓

7.6 ✓

7.2 ✓

6.7 ✓

5.2 ✓

4.1 ✓

Sewer Florida st from ℄ Alley between El Cajon and Meade to M.H. ℄ Madison

Sta	+ R	H.I.	− R	elev for stakes 301.79	Grade
B.M.					
B.M	10.78	312.57			
0+0 = M.H. ℄ Alley					297.00
0+50			7.7	304.8	297.60
1+0			8.5	309.0	298.21
1+50			8.7	303.8	298.81
2+0			8.8	303.7	299.42
2+50 = M.H.			8.9	303.6	300.02
3+0			7.7	304.8	300.63
3+50			6.55	305.97	301.78
4+0			5.4	307.1	301.89
4+50			4.2	308.3	302.99
4+95 = M.H. ℄ Meade			3.3	309.2	303.00
5+0			3.3	309.2	303.10
5+50			2.0	310.5	304.13
6+0			1.2	311.3	305.16
6+50			0.42	B.M. 312.10	306.19
T.P.	11.42	323.52	0.42	312.10	
7+0			10.5	313.00	307.23

POSTED

N

Cut
7.1 ✓
5.8 ✓
5.0 ✓
9.3 ✓
3.6 ✓
4.2 ✓
4.7 ✓
5.3 ✓
5.9 ✓
6.2 ✓
6.1
6.4 ✓
6.1 ✓
5.9 ✓
5.8 ✓

305.97 B.M.
2.63
308.60 = H.I.
297.60
11.00 ✓

308.60 298.21 = 10.39 ✓
308.60 298.81 = 9.79 ✓
308.60 299.42 = 9.18 ✓
308.60 300.02 = 8.56 ✓

308.60 300.63 = 7.97 ✓
308.60 301.23 = 7.37 ✓
308.60 301.84 = 6.76 ✓
308.60 302.44 = 6.16 ✓

312.10 B.M.
4.30
316.40 H.I.

316.40 302.44 = 13.96 ✓
316.40 303.80 = 13.40 ✓
316.40 303.10 = 13.30
316.40 304.13 = 12.27 ✓
316.40 305.16 = 11.24 ✓

316.40 306.19 = 10.21 ✓
316.40 307.23 = 9.17 ✓
316.40
316.40

		323.52				
7+50			9.6	313.9	308.26	5.6 ✓
8+0			8.9	314.6	309.29	5.3 ✓
8+35 M.H.			7.8	315.7	310.00	5.7 ✓
8+50			7.2	316.3	310.32	6.0 ✓
9+0			5.7	317.8	311.35	6.5 ✓
+50			4.2	319.3	312.38	6.9 ✓
10+0			2.8	320.7	313.41	7.3 ✓
+50			1.5	322.0	314.49	7.6 ✓
11+0			1.5	322.0	315.47	6.5 ✓
+50			1.1	322.4	316.50	5.9 ✓
11+73 = M.H. & Monroe			0.9	322.6	317.00	5.6 ✓
12+0			0.74	B.M. 322.78	317.15	5.6 ✓
T.P.	9.90	332.68	0.74	322.78		
12+50			10.1	322.6	317.94	5.2 ✓
13+0			9.9	322.8	317.73	5.1 ✓
+50			9.8	322.9	318.02	4.9 ✓
14+0			9.7	323.0	318.32	4.7 ✓
+50			8.9	323.8	318.61	5.2 ✓
15+0			8.1	324.6	318.90	5.7 ✓
15+13 = M.H.			7.8	324.9	319.00	5.9 ✓

Cut

316.40 = M.H.
308.26
8.14 ✓

316.40 316.40 316.40 316.40
309.29 310.00 310.32 311.35
7.11 ✓ 6.40 ✓ 6.08 ✓ 5.05

35

322.78
4.65
327.43 = M.H.
312

322.78
1.97
324.75 M.H.
311.35
13.40

24.75
12.38
12.37 ✓

24.75 24.75 24.75 24.75 24.75
13.41 14.47 15.47 16.50 17.25
11.34 ✓ 10.34 ✓ 9.28 ✓ 8.25

322.78
3.19
325.97 = M.H.
315.47
10.50

25.97 25.97 25.97 25.97
16.50 17.00 17.15 17.32
9.47 ✓ 8.97 ✓ 8.82 ✓ 8.65 ✓

25.97 25.97 25.97 25.97
17.44 17.73 18.02 18.32
8.53 ✓ 8.24 ✓ 7.95 ✓

25.97 25.97 25.97 25.97
18.61 18.90 19.00
7.36 ✓ 7.07 ✓ 6.97 ✓

		332.68				
15+50			7.38	B.M. 325.30	319.65	5.7 ✓
16+0			6.9	325.8	320.53	5.3 ✓
+50			6.1	326.6	321.40	5.2 ✓
17+0			5.2	327.5	322.28	5.2 ✓
+50			3.9	328.8	323.15	5.7 ✓
18+0			2.46	B.M 330.22	324.03	6.2 ✓
18+55.5 M.H. ℄ Madison			1.2	331.5	325.00	6.5 ✓

32.15
18.90
13.25

325.30 = B.M.
6.85
332.15 = H1
319.65
12.50 ✓

32.15
20.53
11.62 ✓

32.15
21.40
10.75 ✓

32.15
22.28
9.87 ✓

32.15
23.15
9.00 ✓

32.15
24.03
8.12 ✓

32.15
25.00
7.15 ✓

88
87
88

#7

BM 250.87 Hub N.E. Cor Hickory & Hortensia Sts.
+ 3.89
254.76 H.I.
- 4.22
BM 250.54 Mon west Line Witherby & Cen Chestnut Sts.

Crossection of Chestnut St (50 wide), Witherby West 10' curbs, 7½ quarters

	+	H.I.	−	
	1.38	251.92		250.54
00 = West line of Witherby Street.				
00				
M.L.			+0.2	252.1
cb			0.6	
1/4			1.0	
c			1.1	250.8
1/4			1.3	
cb			1.4	
S.L.			1.1	250.8
+25				
S.L.			4.1	247.8
cb			3.6	
1/4			3.4	
c			3.2	248.7
1/4			3.0	
cb			2.6	
N.L.			2.1	249.8
+50				
M.L.			3.3	248.6
cb			4.2	
1/4			5.1	

	+	H.I.	−	
3 Dorman		251.92		
11 Shaw				
12 Devine				
c			5.5	246.4
1/4			6.2	
cb			6.5	
S.L.			7.0	244.9
At +75 Slope 25' South of South line.			8.5	243.4
" " " 13' " " " "			10.9	241.0
+75				
S.L.			17.2	234.7
cb			19.1	
1/4			19.8	
c			16.5	235.4
1/4			11.9	
cb			7.6	
M.L.			5.6	246.3
At 1+00 Slope 15' North of North line			7.6	
1+00				
M.L.			11.8	240.1
#	0.28	239.57	12.63	239.29
cb			3.0	
1/4			6.4	
c			9.8	229.5
1/4			15.5	

+	H.I. 229.07	−	Chestnut St (50' wide)
cl		10.6	
V.L.		5.8	233.8
at 1+00 slope 15' South of South line		1.0	238.6
at 1+25 slope 20' South of South line 1+25		1.9	
V.L.		7.7	231.9
cl		12.6	
1/4		18.9	
+2		19.8	
c		17.1	222.5
1/4		12.6	
cl.		10.7	
N.L.		8.2	231.4
at 1+25 slope 15' North of North line		4.4	
#	0.11	226.98	12.70 226.87
at 1+50 slope 20' North of North line 1+50		0.3	
N.L.		5.6	221.4
cl		9.6	
1/4		11.4	
c		9.4	217.6
1/4		5.7	

+	H.I. 226.98	−	
cl		2.5	
V.L.		+1.0	228.0
at 1+50 slope 25' south of south line		+7.2	234.2
at 1+75 " 20' " " " " 1+75		+0.4	227.4
V.L.		3.1	223.9
cl		5.9	221.1
1/4		8.1	218.9
c		11.4	215.6
1/4		13.6	213.4
cl		14.5	212.5
N.L.		12.9	214.1
at 1+75 slope 20' north of north line		7.7	219.3
#	0.93	216.04	11.87 215.11
at 2+00 slope 45' north of south line 2+00		3.6	
N.L.		8.1	207.9
cl		8.1	
1/4		6.0	
c		3.6	212.4
1/4		1.3	
cl		0.1	

	+	H.I. 216.04	−	Chestnut St (62')
N.L.			+0.8	216.8
at 2+00 slope 25' South of North line			+2.3	213.3
" 2+25 " 40' " " " "			11.3	
" " " 25' " " " " 2+25			8.9	
N.L.			13.4	202.6
ch			13.6	
1/4			13.0	
C			11.7	204.3
1/4			10.4	
ch			9.5	
N.L.			8.4	207.6
at 2+25 slope 40' North of North line			9.9	
" 2+50 " 25' " " " " 2+50			+1.6	217.6
N.L.			2.4	213.6
ch			4.0	
1/4			5.5	
C			7.2	208.8
1/4			9.1	
ch			10.7	
N.L.			12.5	203.5

	+	H.I. 216.04	−	
at 2+50 slope 40' south of South line,			17.8	
" 2+75 " 25' " " " " 2+75			3.1	
N.L.			1.6	214.4
ch			0.5	
#	12.76	228.78	0.02	216.02
1/4			12.1	
C			11.0	217.8
1/4			10.0	
ch			9.1	
N.L.			7.3	221.6
at 2+75 slope 25' North of North line			3.3	
#	10.71	239.41	0.08	228.70
3+00 = East line of Hastings St (50' wide) 3+00				
N.L.			8.9	230.5
ch			10.2	229.2
1/4			11.4	228.0
C			11.8	227.6
1/4			12.4	227.0
ch			13.1	226.3
N.L.			14.0	225.4

	+	H.I. 239.41	−	
				Chestnut St (50') wide 10' curbs 7½ quarters
at 3+00 slope 25' south of South line			15.9	
East curb of Hortensia Street (10').				
M.L.			9.4	230.0
cb			9.0	230.4
¼			9.6	229.8
c			8.0	231.0
¼			7.5	231.9
cb			6.3	233.1
M.L.			5.0	234.4
East ½ of Hortensia St. (7½)				
M.L.			3.0	236.4
cb			4.2	235.2
¼			4.6	234.6
c			5.7	233.7
¼			6.4	233.0
cb			6.6	
M.L.			7.4	232.0
Center of Hortensia St (50' street).				
M.L.			6.4	233.0
cb			5.4	234.0

	+	H.I. 239.41	−	
¼			4.5	234.9
c			3.8	235.6
¼			3.1	236.3
cb			2.0	237.4
M.L.			1.2	238.2
West ½ of Hortensia St (7½ quarters).				
M.L.			+1.0	240.4
cb			+0.4	239.8
¼			0.7	238.7
c			1.7	237.7
¼			3.1	236.3
cb			4.3	235.1
M.L.			5.4	234.0
West curb of Hortensia St. (50' street).				
M.L.			4.2	235.2
cb			2.6	236.6
¼			1.4	238.0
c			0.0	239.4
#	11.14	249.75	0.80	238.61
¼			9.7	240.1

	+	H.I.	−	Chestnut St (30' wide)
		249.8		
c l			8.9	N 0.9
N.L.			8.3	241.5
00 = West line of Hortensia St.				
00 N.L.			5.8	244.0
c l			7.2	242.6
1/4			8.1	241.7
c			9.0	240.8
1/4			10.0	239.8
c l			11.6	238.2
N.L. +25			12.9	236.9
N.L.			9.0	240.8
c l			7.9	
1/4			7.2	
c			6.2	243.6
1/4			5.5	N 4 4.3
c l			4.4	N 4 5.4
N.L. +50			3.1	246.7
N.L.			1.0	248.8
c l			2.0	N 47.8
1/4			1.7	N 48.1

	+	H.I.	−	
		249.8		
c			3.5	246.3
1/4			4.1	N 45.7
c l			5.0	N 44.8
N.L. +75			6.0	243.8
N.L.			2.6	247.2
c l			1.9	
1/4			1.4	
c			0.9	248.9
1/4			0.4	N 49.4
#	9.48	258.17 258.2	0.06	249.69
c l			8.0	N 50.2
N.L. 1+00			7.3	250.9
N.L.			4.7	253.5
c l			5.7	N 52.5
1/4			6.4	N 51.8
c			7.0	251.2
1/4			7.3	N 50.9
c l			7.6	N 50.6
N.L. 1+25			8.0	250.2
N.L.			6.2	252.0

	+	H.I. 258.17 258.2	−	Chestnut St 50' wide
cl			5.5	
1/4			5.3	
c			5.2	253.0
1/4			4.8	253.4
cl			4.2	254.0
M.L. 1+50			3.3	254.9
M.L.			1.6	256.5
cl			3.0	255.2
1/4			3.5	254.7
c			4.0	254.2
1/4			4.1	
cl			4.5	
M.L. 1+75			4.9	253.3
M.L.			4.2	254.0
cl			4.0	
1/4			3.6	
c			3.5	254.7
1/4			2.9	255.3
cl			2.2	256.0
M.L.			1.5	256.7

	+	H.I. 258.17 258.2	−	
2+00 M.L.			1.8	256.4
cl			2.5	255.7
1/4			2.7	255.5
c			3.4	254.8
1/4			3.4	
cl			3.6	
M.L. 2+25			4.2	254.0
M.L.			3.9	254.3
cl			3.6	
1/4			3.4	
c			3.2	255.0
1/4			2.7	255.5
cl			2.4	255.8
M.L. 2+50			1.8	256.4
M.L.			2.1	256.1
cl			2.2	256.0
1/4			3.0	255.2
c			3.2	255.0
1/4			3.5	
cl			3.6	

+	H.I.	−	Chestnut St (50' wide)
	258.17		
	258.2		
N.L.			
247.5			
		3.9	254.3
N.L.		3.9	254.3
cl		3.7	254.5
1/4		3.5	254.7
c		3.4	254.8
1/4		3.0	255.2
cl		2.8	255.4
N.L.		2.5	255.7
3+00 = East line of Trias St (50' wide)			
3+00			
N.L.		2.7	255.5
cl		2.8	255.4
1/4		3.0	255.2
c		3.5	254.7
1/4		3.7	
cl		3.7	
N.L.		4.0	254.2
#	3.06 257.31	3.92	254.25 BM Mon Center Chestnut & Trios.
East end of Trias St (10' wide)			
N.L.		3.0	254.3
cl		2.9	

+	H.I.	−	
	257.31		
1/4		2.9	
c		2.7	254.6
1/4		2.4	
cl		2.2	
N.L.		2.0	255.3
East 1/4 of Trias St (7½' wide)			
N.L.		2.0	255.3
cl		2.3	
1/4		2.5	
c		2.6	254.7
1/4		2.8	
cl		2.9	
N.L.		3.0	254.3
Center of Trias St.			
N.L.		3.1	254.2
cl		3.0	illegible
1/4		2.8	illegible
c		2.6	254.7
1/4		2.3	illegible
cl		2.2	illegible

	+	H.I. 257.31	−	Chestnut St (50' wide)
N.L.			2.2	255.1
West ½ Friar St (7½ quarters).				
N.L.			2.5	254.8
cb			2.5	255.8
¼			2.2	255.1
c			2.6	254.7
¼			2.8	255.6
cb			2.9	255.5
N.L.			3.1	254.2
West side Friar St.				
N.L.			3.3	254.0
cb			3.0	255.3
¼			2.9	255.5
c			2.4	254.9
¼			2.7	255.6
cb			2.7	255.6
N.L.			2.0	255.3
00 = West line of Friar St.				
00				
N.L.			2.1	255.2
cb			2.3	255.0

	+	H.I. 257.31	−	
¼			2.8	255.6
c			2.7	254.6
¼			2.9	255.5
cb			3.2	255.1
N.L. +25			3.2	254.1
N.L.			3.9	253.4
cb			3.3	255.0
¼			3.0	255.3
c			3.0	254.3
¼			2.7	255.6
cb			2.6	255.7
N.L. +50			2.3	255.0
N.L.			2.5	254.8
cb			2.8	255.5
¼			2.5	255.8
c			3.8	253.5
¼			3.8	255.3
cb.			3.8	255.3
N.L. +75			4.2	253.1
N.L.			4.7	252.6
cb			4.3	253.0

	+	H.I. 257.31	−	Chestnut St (50')
1/4			4.3	2547.0
c			4.3	2547.0
1/4			3.4	2547.9
cb			3.0	2547.3
M.L. 1+00			2.9	254.4
M.L.			2.9	254.4
cb			3.1	2547.2
1/4			3.8	2547.5
c			4.3	253.0
1/4			4.3	2547.0
cb			4.2	2547.1
S.L. 1+25			4.3	253.0
S.L.			4.0	253.3
cb			3.7	2547.6
1/4			3.6	2547.7
c			3.9	253.4
1/4			3.0	2547.7
cb			3.1	2547.2
M.L. 1+50			2.8	254.5
M.L.			2.9	254.4

	+	H.I. 257.31	−	
cb			3.1	2547.2
1/4			2.9	2547.4
c			3.6	253.7
1/4			3.5	2547.8
cb			3.8	2547.5
S.L. 1+75			3.8	253.5
S.L.			4.2	253.1
cb			4.0	2547.3
1/4			4.0	2547.3
c			4.4	252.9
1/4			3.7	2547.6
cb			3.5	2547.8
M.L. 2+00			3.2	254.1
M.L.			3.9	253.4
cb			4.2	2547.1
1/4			4.3	2547.0
c			5.1	252.2
1/4			4.9	2547.4
cb			4.8	2547.5
S.L.			4.7	252.6

	+	H.I. 257.81	−	Chestnut St (50')	
# 2+25	1.86	254.76	4.41	252.90	
M.L.			3.8	251.0	
cb			3.5	N 1.3	
1/4			3.6	N 1.2	
c			3.5	251.3	
1/4			2.7	N 2.1	
cb			2.5	N 2.3	
M.L. 2+50			2.3	252.5	
M.L.			3.1	N 1.7	
cb			3.2	N 1.6	
1/4			3.2	N 1.6	
c			4.1	250.6	
1/4			4.4	N 0.1	
cb			4.3	N 0.5	
M.L. 2+75			4.5	250.3	
M.L.			4.7	250.1	
cb			4.8	N 0.0	
1/4			4.9	N 0.9	
c			4.8	250.0	
1/4			4.0	N 0.8	

	+	H.I. 254.76	−		
cb			3.8	N 1.0	
M.L.			3.6	251.2	
3+00 = East line of Ampudia St (50' street), 3+00					
M.L.			4.1	250.6	
cb			4.5	250.3	
1/4			4.7	250.1	
c			5.4	249.4	
1/4			5.6	249.2	
cb			5.8	249.0	
M.L.			5.8	249.0	
East curb of Ampudia St (10' curb),					
M.L.			5.9	248.9	
cb			6.2	248.6	
1/4			6.0	248.8	
c			5.5	248.3	
1/4			5.0	249.8	
cb			4.6	250.0	
M.L.			4.3	250.5	
East 1/4 of Ampudia St. (7½' quarter)					
M.L.			4.6	250.8	

+	H.I. 25 4.76	−	Chestnut St (50)'	
cl		4.7	N50.1	
1/4		5.2	N49.6	
c		5.9	248.9	
1/4		6.1	N48.7	
cl		6.4	N48.4	
M.L.		6.0	248.8	
Center of Ampudia St.				
M.L.		6.05	248.3	
cl		6.7	247.7	
1/4		6.05	248.3	
c		6.1	248.7	
1/4		5.4	249.4	
cl		5.3	249.5	
M.L.		5.2	249.6	
West 1/4 of Ampudia St.				
M.L.		5.6	249.2	
cl		6.0	N48.8	
1/4		5.9	N48.9	
c		6.1	248.7	
1/4		6.6	N48.2	

+	H.I. 25 4.76	−		
cl		7.2	N47.6	
M.L.		7.3	247.5	
West curb of Ampudia St.				
M.L.		7.9	246.9	
cl		7.4	N47.4	
1/4		7.1	N47.7	
c		6.4	248.4	
1/4		6.4	N48.4	
cl		6.2	N48.6	
M.L.		5.6	249.2	
00= West line of Ampudia St.				
M.L.		6.1	248.7	
cl		6.3	248.5	
1/4		7.0	247.8	
c		7.3	248.3	
1/4		7.5	247.3	
cl		7.8	247.0	
M.L. +25		8.6	246.2	
M.L.		10.4	244.4	
cl		9.4	N45.4	

	+	H.I. 254.76	−	Chestnut St (50)
1/4			9.2	245.6
c			8.7	246.1
1/4			8.2	246.6
cb			7.7	247.1
M.L. +50			7.3	247.5
M.L.			8.4	246.4
cb			8.8	246.0
1/4			9.7	245.1
c			10.1	244.7
1/4			11.0	243.8
cb			11.5	243.3
S.L. +75			12.1	242.7
S.L.			14.3	240.5
cb			13.4	241.4
1/4			12.6	242.2
c			11.3	243.5
1/4			11.3	243.5
cb			10.1	244.7
M.L.			9.5	245.3
#	3.33	245.08	13.01	241.75

	+	H.I. 245.08	−	
1400 M.L.			1.0	244.1
cb			1.6	243.5
1/4			3.0	242.1
c			3.3	241.8
1/4			4.3	240.8
cb			5.0	240.1
S.L. 1425			5.8	239.3
S.L.			6.6	238.5
cb			5.5	239.6
1/4			5.0	240.1
c			3.7	241.4
1/4			4.0	241.1
cb			2.7	242.4
M.L. 1450			1.9	243.2
M.L.			2.3	242.8
cb			3.2	241.9
1/4			4.3	240.8
c			4.8	240.3
1/4			5.2	239.9
cb			6.2	238.9

+	H.I. 24°08	−	Chestnut St (50')
St. 1+75		7.0	238.1
St.		7.0	238.1
cl		5.9	239.7
1/4		5.2	239.9
c		4.8	240.3
1/4		4.0	241.1
cl		3.1	241.0
m.l. 2400		2.6	242.5
m.l.		2.3	242.8
cl		2.8	241.3
1/4		3.6	241.9
c		4.4	240.7
1/4		5.0	241.1
cl		5.4	239.7
St. 2+25		6.6	238.5
St.		6.0	239.1
cl		4.9	241.0
1/4		4.6	241.9
c		3.8	241.3
1/4		3.0	241.1

+	H.I. 24°08	−	
cl		2.2	241.9
m.l. 2400		1.9	243.2
m.l.		2.1	243.0
cl		2.4	241.7
1/4		2.9	241.2
c		3.8	241.3
1/4		4.6	241.9
cl		5.0	241.1
St. 2+75		5.8	239.3
St.		6.6	238.5
cl		5.7	239.6
1/4		5.3	239.8
c		4.7	240.4
1/4		4.0	241.1
cl		3.3	241.8
m.l.		3.0	242.1
300 = East line of Cristo St (50' wide).			
m.l.		4.6	240.5
cl		5.1	241.0
1/4		5.9	239.2

	+	H.I. 245.08	−	
Chestnut St (cont)				
c			6.8	238.3
1/4			7.5	237.6
cl			7.6	237.5
M.L.			8.4	236.7
East curb of Arista St (10' curb)				
M.L.			8.9	236.2
cl			8.2	
1/4			8.0	
c			7.7	237.4
1/4			7.0	
cl			6.2	
M.L.			5.5	239.6
East 1/4 of Arista St (7 1/2 quarters)				
M.L.			6.8	238.3
cl			7.1	
1/4			7.7	
c			8.2	236.9
1/4			8.4	
cl			8.9	
M.L.			9.3	235.8

	+	H.I. 245.08	−	
Center of Arista St.				
M.L.			10.5	234.6
cl			9.8	
1/4			9.3	
c			9.0	236.0
1/4			8.4	
cl			8.1	
M.L.			7.7	237.4
West 1/4 of Arista St				
M.L.			8.1	232.0
cl			8.9	
1/4			9.2	
c			9.5	235.6
1/4			10.2	
cl			11.0	
M.L.			11.6	233.5
West curb of Arista St.				
M.L.			12.6	232.5
cl			11.8	
1/4			11.1	

Chestnut St (50')

	+	H.I. 245.08	−	
c				
			10.2	234.9
1/4			9.9	
cl			9.4	
N.J.			9.7	236.4
00 = West line of Arista St.				
00 N.J.			9.9	230.2
cl			10.6	
1/4			11.5	
c			12.3	232.8
1/4			12.6	
cl			13.1	
N.J.			14.2	230.9
# +25	0.45	232.75	12.78	232.30
N.J.			4.3	228.5
cl			3.5	
1/4			2.9	
c			2.5	230.3
1/4			1.8	
cl			1.0	
N.J.			0.7	232.1

	+	H.I. 232.75	−	
+50 N.J.			4.5	228.3
cl			3.1	
1/4			4.2	
c			4.6	228.2
1/4			5.1	
cl			5.5	
N.J. +75			6.3	226.5
N.J.			9.4	224.4
cl			7.9	
1/4			7.3	
c			6.7	226.1
1/4			6.7	
cl			6.9	
N.J. 1400			6.6	226.2
N.J.			6.8	226
cl			7.6	
1/4			8.1	
c			8.5	224.3
1/4			9.1	
cl			8.9	

	+	HI	−	Chestnut VH (50')
		232.75		
R.T. 1+25			10.0	222.8
R.T.			10.2	222.6
cl			10.0	
1/4			9.7	
c			9.5	223.3
1/4			9.2	
cl			8.7	
m.T. 1+50			8.2	224.6
m.T.			9.3	222.5
cl			9.3	
1/4			9.5	
c			9.7	223.1
1/4			10.0	
cl			10.4	
R.T. 1+75			10.9	221.9
R.T.			10.3	222.5
cl			10.1	
1/4			10.0	
c			9.6	223.2
1/4			9.7	
cl			9.4	

	+	H.I. 232.75	−		
m.T. 2+00			9.7	223.1	
m.T.			11.1	221.7	
cl			10.7		
1/4			10.6		
c			10.3	222.5	
1/4			10.2		
cl			10.0		
R.T. 2+25			9.6	223.2	
R.T.			10.2	222.6	
cl			11.3		
1/4			11.8		
c			12.0	220.8	
1/4			12.5		
cl			12.9		
m.T.			13.2	219.6	
H 2+50	7.28	227.48	12.54	220.21	Rock T.P.
m.T.			10.5	217.0	
cl			9.6		
1/4			8.8		
c			7.9	219.6	

	+	HI.	−	
		227.49		Chestnut St (50')
1/4			6.9	
cb			5.3	
N.L. 2+75			3.2	224.3
R.L.			2.0	225.5
cb			3.7	
1/4			9.8	
c			9.3	218.2
1/4			9.4	
cb			10.4	
N.L.			12.0	215.5
3+00 = East line of Conde St (60' wide)				
N.L.			14.8	212.7
cb			13.0	
1/4			11.8	
c			8.6	218.9
1/4			6.2	
cb			5.6	
N.L.			2.5	225.0
East curb of Conde St (10' curb).				
N.L.			5.4	222.1

	+	HI.	−	
		228.49		
cb			7.5	
1/4			9.5	
c			11.6	216.9
1/4			14.3	
cb			14.5	
N.L.			17.8	209.7
East 1/4 of Conde St (7 1/2' quarters)				
#		3.67	12.99	214.50
N.L.			8.6	209.6
cb			6.2	
1/4			4.7	
c			4.2	214.0
1/4			2.9	
cb			0.8	
N.L.			+ 2.6	220.8
Center of Conde St				
N.L.			2.2	216.0
cb			4.1	
1/4			4.6	
c			5.20	212.9

55

Mon Cen Conde & Chestnut.

	+	H.I. 218.17	−	
			Chestnut St (00')	
½			7.2	
cl			8.4	
M.L.			10.2	208.0
		West ¼ of Conde St.		
M.L.			11.0	207.2
cl			10.5	
¼			9.5	
c			7.6	210.6
¼			6.6	
cl			4.3	
M.L.			3.5	214.7
		West curb of Conde St.		
M.L.			4.0	214.2
cl			6.6	
¼			8.6	
c			10.0	208.2
¼			10.7	
cl			11.6	
M.L.			11.6	206.6
00 = West line of Conde St.				

	+	H.I. 218.17	−	
00 M.L.			12.3	205.9
cl			12.0	
¼			12.0	
c			11.7	206.3
¼			11.0	
cl			9.9	
M.L.			8.2	210.0
#	3.09	209.71	12.55	205.62
425 M.L.			4.2	205.5
cl			4.0	
¼			3.8	
c			4.1	204.6
¼			4.2	
cl			4.7	
M.L.			5.0	203.7
155 M.L.			5.8	202.9
cl			5.8	
¼			5.8	
c			5.4	203.3
¼			5.2	
cl			5.1	

	+	H.I. 208.71	−	Chestnut St (60')
N.L. 1+75			5.1	203.6
N.L.			6.9	201.8
cl			7.0	
1/4			7.0	
c			6.9	201.8
1/4			6.9	
cl			7.1	
M.L. 1+00			7.2	201.8
M.L.			7.8	200.9
cl			7.9	
1/4			7.9	
c			7.7	201.0
1/4			7.6	
cl			7.8	
N.L. 1+25			7.7	201.0
N.L.			8.1	200.6
cl			8.2	
1/4			8.2	
c			8.2	200.5
1/4			8.2	

	+	H.I. 208.71	−	
cl			8.3	
M.L. 1+50			8.3	200.4
M.L.			7.6	201.1
cl			7.6	
1/4			7.6	
c			7.6	201.1
1/4			7.6	
cl			7.7	
N.L. 1+75			7.6	201.1
N.L.			6.4	202.3
cl			6.1	
1/4			6.1	
c			6.0	202.7
1/4			6.1	
cl			6.0	
M.L. 2+00			6.1	202.6
M.L.			4.8	203.9
cl			5.0	
1/4			5.0	
c			5.4	203.3

55

	+	H.I. 208.71	−	
				Chestnut St (60')
1/4			5.4	
cb			5.5	
N.L. 2+25			5.9	202.8
N.L.			5.0	203.7
cb			4.8	
c			4.5	204.2
1/4			4.2	
cb			4.1	
N.L. 2+50			4.2	204.5
N.L.			4.0	204.7
cb			3.6	
1/4			3.7	
c			3.7	205.0
1/4			3.9	
cb			3.8	
N.L. 2+75			4.4	204.3
N.L.			3.1	205.6
cb			3.0	
1/4			3.0	
c			3.0	205.7

	+	H.I. 208.71	−	
1/4			2.9	
cb			2.9	
N.L.			2.4	206.3
#	6.80	215.48	0.03	208.68
3+00 = 3+00	East line of Harney St (50' wide),			
N.L.			6.7	208.8
cb			6.7	
1/4			7.0	
c			7.1	208.4
1/4			7.2	
cb			7.0	
N.L.			7.4	208.1
	East curb of Harney St (10' curb)			
N.L.			6.2	209.3
cb			6.2	
1/4			6.1	
c			5.8	209.7
1/4			5.7	
cb			5.7	
N.L.			5.4	210.1

	+	H.I. 215.48	−	Chestnut St (50')
East 1/4 of Harney St. 7½' quarters.				
N.L.			4.5	211.0
cb			4.5	
1/4			5.4	
c			5.3	210.2
1/4			4.9	
cb			6.0	
S.L.			5.5	210.0
Center of Harney St.				
S.L.			5.2	210.3
cb			5.2	
1/4			4.0	
⊙			4.78	210 .70 Mon Center.
c			3.6	211.9
1/4			3.3	
cb			3.3	
N.L.			3.0	212.5
West 1/4 of Harney St.				
N.L.			1.3	214.2
cb			2.2	
1/4			2.0	

	+	H.I. 215.48	−	
c			2.0	213.5
1/4			2.0	
cb			2.3	
S.L.			2.2	213.3
West curb of Harney St.				
S.L.			2.1	213.4
cb			2.0	
1/4			1.9	
c			1.6	213.9
1/4			1.6	
cb			1.5	
N.L.			0.7	214.8
OO = West line of Harney St.				
OO				
N.L.			0.6	214.9
cb			1.9	
1/4			2.0	
c			2.3	213.2
1/4			2.7	
cb			2.5	
S.L.			2.4	213.1

Chestnut St (50')

	+	H.I. 215.48	−	
+25 S.L.			5.0	210.5
cb			4.6	
1/4			4.4	
c			4.0	211.5
1/4			4.0	
cb			3.8	
M.L.			3.3	212.2
+50 M.L.			5.9	209.6
cb			5.9	
1/4			6.2	
c			6.5	209.0
1/4			6.9	
cb			7.4	
S.L.			7.8	207.7
+75 S.L.			11.0	204.5
cb			10.7	
1/4			10.4	
c			10.4	203.1
1/4			10.3	
cb			10.0	

	+	H.I. 215.48	−	
M.L.			10.3	205.2
# 1+00	0.26	203.09	12.65	202.83
M.L.			2.9	200.2
cb			2.5	
1/4			2.5	
c			2.5	200.6
1/4			2.4	
cb			2.4	
S.L.			2.3	200.8
1+25 S.L.			7.9	195.2
cb			8.7	
1/4			8.1	
c			8.8	194.3
1/4			9.2	
cb			9.6	
M.L.			10.3	192.8
# 1+50	0.06	190.55	12.60	190.49
M.L.			4.6	186.0
cb			5.0	
1/4			5.7	

Chestnut V4 (50')

	+	H.I. 190.55	−	
c			5.9	184.7
1/4			6.1	
cb			5.8	
S.L. 1+75			5.6	185.0
S.L.			12.6	178.0
cb			12.2	
1/4			12.1	
c			12.2	178.4
1/4			12.0	
cb			12.0	
M.L.			11.7	178.9
# 2+00	0.29	178.08	12.76	177.79
M.L.			6.0	172.1
cb			5.8	
1/4			5.7	
c			5.6	172.5
1/4			5.9	
cb			5.9	
S.L. 2+25			5.8	172.3
S.L.			10.6	167.5

	+	H.I. 178.08	−	
cb			11.2	
1/4			11.3	
c			11.4	166.7
1/4			11.9	
cb			12.1	
M.L.			12.5	165.6
# 2+50	0.16	165.40	12.84	165.24
M.L.			4.3	161.1
cb			4.2	
1/4			3.8	
c			3.6	161.8
1/4			3.2	
cb			2.8	
S.L. 2+75			2.6	162.8
S.L.			5.9	159.5
cb			6.5	
1/4			7.0	
c			7.1	158.3
1/4			7.6	
cb			8.0	

	+	H.I. 165.40	−	Chestnut St.
m.L.			8.2	157.2
3+00 = East line of Triggs St.				
00				
m.L.			9.2	156.2
ct			9.1	
I/J			9.0	
c			8.6	156.8
I/J			8.5	
ct			8.5	
m.L.			8.3	157.1
#			10.58	154.82 Mon Cen of Chestnut & Triggs

BM 254.25 Mon Con Tracks & Chestnut, Sts. 4-9-12 {Bowman Shaw Devine
+2.69
256.94
-8.37
248.57 Mon Con Chestnut & Annunciata Sts.

Crossection of Annunciata Av (50' wide), Chestnut to Bay Ct.
10' curbs 7½' quarters.

	+	H.I.	−	
	1.43	250.00		248.57
00 = South line of chestnut street				
00				
E.L.			0.9	249.1
ct			1.1	248.9
1/4			1.2	248.8
c			1.7	248.3
1/4			2.5	247.5
ct			3.1	246.9
W.L. +25			3.8	246.2 ✓
W.L.			4.9	245.1
ct			4.2	245.8
1/4			3.8	246.2
c			3.4	246.6
1/4			3.2	246.8
ct			2.6	247.4
E.L. +50.			2.2	247.8
E.L.			3.9	246.1
ct.			4.3	245.7
1/4			4.6	245.4
c			4.9	245.1
1/4			5.8	244.2
ct			5.7	244.3
W.L. +75			6.1	243.9
W.L.			6.9	243.1
ct			6.6	243.4
1/4			6.6	243.4
c			6.4	243.6
1/4			6.0	244.0
ct			5.8	244.2
E.L. 1+00			5.6	244.4
E.L.			7.4	242.6
ct			7.6	242.4
1/4			7.8	242.2
c			8.0	242.0
1/4			8.7	241.3
ct			9.4	240.6
W.L.			10.0	240.0
At 1+00 Alpe 20' W. W. L.			11.2	238.8
" 1+25 " 20' " " "			14.3	235.7

Amphidia St (50' wide)

	+	H.I. 250.00	−	
1+25				
W.L.			13.4	236.6
cl			12.4	237.6
1/4			11.6	238.4
c			11.1	238.9
1/4			10.8	239.2
cl			10.4	239.6
E.L.			9.9	240.1
1+50				
E.L.			11.9	238.1
cl			12.4	237.6
1/4			13.0	237.0
c			13.4	236.6
1/4			14.5	235.5
H	6.73	238.03	12.70	237.30
cl			3.1	234.9
W.L.			4.3	233.7
at 1+50 slope 20' West of West Line			5.7	232.3
" 1+75 " 25' " " " "			8.2	229.8
1+75				
W.L.			6.9	231.1
cl			5.9	232.1
1/4			5.1	232.9

	+	H.I. 238.03	−	
c			4.5	233.5
1/4			4.0	234.0
cl			3.2	234.8
E.L.			1.3	235.7
2+00				
E.L.			4.4	233.6
cl			5.7	232.3
1/4			6.8	231.2
c			7.5	230.5
1/4			9.2	228.8
cl			9.0	229.0
W.L.			9.7	228.3
at 2+00 slope 25' W. of W.L.			11.5	226.5
" 2+25 " 25' " " "			15.1	222.9
2+25				
W.L.			12.8	225.2
cl			11.2	226.8
1/4			10.7	227.3
c			9.7	228.3
1/4			8.8	229.2
cl			7.7	230.3
E.L.			5.6	232.6

+	H.I. 238.03	−	Ampudia St (50' wide)
2+50 E.L.		6.2	231.8
cl		8.1	229.9
1/4		9.5	228.5
c		10.3	227.7
1/4		11.2	226.8
cl		12.7	225.3
W.L.		14.8	223.2
at 2+50 slope 25' West of West Line		17.5	220.5
# 3.15	231.63	9.55	228.48 Mon Center Ampudia & Whitman
at 2+75 slope 25' West of West line		13.6	218.0
2+75			
W.L.		8.8	222.8
cl		6.5	225.1
1/4		5.0	226.6
c		3.4	228.2
1/4		2.3	229.3
cl		1.3	230.3
E.L.		0.0	231.6
3+00 = North line of Whitman St (50' wide),			
3+00 E.L.		0.1	231.5
cl		1.0	230.6

+	H.I. 231.63	−	
1/4		2.0	229.6
c		2.8	228.8
1/4		3.6	228.0
cl		5.4	226.2
W.L.		8.0	223.6
at 3+00 slope 25' W. of W. Line		14.0	217.6
North curb of Whitman St (50' wide),			
W.L.		8.1	223.5
cl		5.4	226.2
1/4		3.7	227.9
c		2.7	228.9
1/4		1.8	229.8
cl		1.2	230.4
E.L.		0.6	231.0
North 1/4 of Whitman St (24')			
E.L.		1.1	230.5
cl		1.6	230.0
1/4		1.8	229.8
c		3.0	228.6
1/4		4.0	227.6

+	H.I. 231.63	−	Ampudia (50' wide)
c.l.		5.5	226.1
W.L.		8.1	223.5
Center Line of Whitman St.			
At Center line slope 25' West W.L.		15.4	216.2
W.L.		8.1	223.5
c.l.		5.6	226.0
1/4		4.2	227.4
c		3.1	228.5
1/4		2.2	229.4
c.l.		2.1	229.5
E.L.		1.8	229.8
South 1/2 Whitman St (7½ wide).			
E.L.		2.5	229.1
c.l.		2.6	229.0
1/4		2.7	228.9
c		3.4	228.2
1/4		4.4	227.2
c.l.		6.0	225.6
W.L.		8.4	223.2
South curb of Whitman St.			

+	H.I. 231.63	−	
W.L.		8.2	223.4
c.l.		6.2	225.4
1/4		4.5	227.1
c		3.5	228.1
1/4		3.1	228.5
c.l.		3.1	228.5
E.L.		2.9	228.7
00 = South line of Whitman St.			
00 E.L.		3.4	228.2
c.l.		3.3	228.3
1/4		3.5	228.1
c		4.0	227.6
1/4		5.0	226.6
c.l.		6.5	225.1
W.L.		8.4	223.2
At 00 Slope 25' West of West line		16.0	215.6
" +25 " 25' " " " "		16.0	215.6
W.L.		9.5	222.1
c.l.		7.4	224.2
1/4		6.4	225.2

Ampudia (50' wide)

	+	H.I. 231.63	−
c			5.6
¼			5.7
cb			7.5
E.L.			8.9
at +25 slope 15' East of East line			10.5
at +40 " 20' " " " "			19.5
+40			
E.L.			14.7
cb			12.8
¼			11.4
c			10.3
¼			9.6
cb			9.9
W.L.			10.7
at +40 slope 25' West of West line			19.5
#	0.42	219.15	12.90
at +50 slope 25' West of West line			7.1
+50			
W.L.			2.4
cb			1.7
¼			2.4
c			2.7

	+	H.I. 219.15	−
¼			3.8
cb			5.5
E.L.			7.5
at +50 slope 25' East of East line			14.3
#	0.29	206.67	12.77
at +75 slope 40 East of East line			6.7
" " " 27' " " " "			12.8
" " " 19 " " " "			19.6
" " " 10 " " " "			15.9
+75			
E.L.			10.9
cb			9.2
¼			9.5
c			6.4
¼			5.8
cb			5.8
W.L.			6.4
at +75 slope 25' West of West line			7.9
" +90 " " " " " "			15.8
#	0.14	194.66	12.15
+90			
W.L.			2.3

	215.4
	213.7
	211.7
	204.9
	206.38
	200.0
	193.9
	187.1
	190.9
	195.9
	197.5
	197.2
	200.3
	200.9
	200.9
	200.3
	198.8
	190.9
	194.52
	192.4

	+	H.I. 194.66	−	Ampudia (50')
cb			3.2	191.5
1/4			4.4	190.3
c			5.9	188.8
1/4			8.3	186.4
cb			8.8	185.9
E.L.			12.3	182.4
At +90 Slope 40' East of East line			+12.0	206.7
" 1+00 " 40' " " " "			+17.2	211.9
E.L.			5.7	189.0
cb			9.4	185.3
1/4			16.2	178.5
c			11.2	183.5
1/4			9.7	185.0
cb			8.7	186.0
W.L.			9.6	185.1
At 1+00 Slope 20' West of West line			10.9	183.8
" 1+20 " 50' " " " "			18.4	176.3
" " " 25' " " " "			25.5	169.2
1+20 W.L.			24.8	169.9
cb			22.8	171.9

	+	H.I. 194.66	−		194.7 / 10.8 / 215.5 — 19 / 33 / 52
1/4			14.7	180.0	
c			11.1	183.6	
1/4			8.0	186.7	
cb			5.5	189.2	
E.L.			0.8	193.9	
At 1+20 Slope 20 East of East line			+10.8	205.5	
1+50 # 1+50	5.24	199.76	0.14	194.52	
E.L.			+9.2	209.0	
cb			+4.8	204.6	
1/4			+2.0	201.8	
c			1.1	198.7	
1/4			3.9	195.9	
cb			7.6	192.2	
W.L.			11.2	188.6	
At 1+50 Slope 40' West of West line			32.5	167.3	
" " " 50 " " " "			43.4	156.4	
" " " 70 " " " "			37.8	162.0	
" " " 100 " " " "			41.0	158.8	
" 1+75 " 100 " " " "			52.0	147.8	
" " " 50' " " " "			31.7	168.1	

	+	H.I. 199.76	−	Amphidia (50')
1+75 W. L.			7.9	191.9
cl			3.5	196.3
1/4			0.0	199.8
c			+2.9	202.7
1/4			+6.4	206.2
cl			+9.0	208.9
E.L. 2+00			+12.8	212.6
E.L.			+9.5	209.3
cl			+6.4	206.2
1/4			+4.1	203.9
c			+1.4	201.2
1/4			1.6	198.2
cl			4.7	195.1
W. L.			8.7	191.1
at 2+00 Slope 50' West of West line			26.1	173.7
" 2+25 " 50' " " " "			28.2	171.6
" " " 35' " " " "			19.5	180.3
2+25 W. L.			11.6	188.2
cl			8.6	191.2
1/4			5.5	194.3

	+	H.I. 199.76	−	
c			2.5	197.3
1/4			+0.5	200.3
cl			+2.9	202.7
E.L.			+6.0	205.8
# 2+50	2.20	189.70	12.26	197.50
E.L.			+11.9	201.6
cl			+8.0	197.7
1/4			+5.6	195.3
c			+2.1	191.8
1/4			1.0	188.7
cl			3.5	186.2
W. L.			5.6	184.1
at 2+00 Slope 25' West of West line			11.6	178.1
" " " 50' " " " "			21.2	168.5
" 2+75 " 50' " " " "			29.1	160.6
" " " 20' " " " "			17.0	172.7
2+75 W. L.			10.2	179.5
cl			8.2	181.5
1/4			6.0	183.7
c			4.1	185.6

	+	H.I. 189.70	−	Amprndia (50')
½			1.2	
cb			+1.8	191.5
E.L.			+6.0	195.7
3+00 = North line of Boyd St (66' wide)				
3+00				
E.L.			5.0	184.7
cb			8.0	181.7
½			10.0	179.7
c			11.3	178.4
½			13.1	176.6
cb			14.1	175.6
W.L.			15.4	174.3
At 3+00 slope 26' West of West line			21.9	167.8
" " " 50' " " " "			32.2	157.5
#			6.67	183.03 Old Iron NE Cor of Amprndia & Boyd.

Xsection of Hortensia St 50' wide - ~~East~~ N. ft. Stockton Drive line ~~Trian~~ to West line Chestnut.

BM 250.87 Hub N E Cor, Hortensia & Hickory.

4-15-12 {Domain / Shaw / Deine

	+	H.I.	−		
	12.38	263.25		250.87	
00 = South line of ~~Trian~~ Fort Stockton drive Street.					
00					
W.L.				1.6	261.2
cb				1.8	
gutter				2.5	
1/4				2.4	
c				2.5	60.7
1/4				2.9	
gutter				3.2	
cb				2.7	
E.L.				2.5	60.7
0+1					
E.L.				2.5	60.7
cb				2.9	
+1				3.4	
1/4				2.8	
c				2.6	60.6
1/4				2.5	
+5				2.5	
+6				1.1	
cb				1.1	

	+	H.I.	−		
		263.25			
W.L.				0.9	262.3
+25					
W.L.				2.3	60.9
cb				2.3	
+2				2.7	
+3				3.4	
1/4				3.5	
c				3.6	59.6
1/4				3.9	
+6				4.4	
cb				3.4	
E.L.				3.5	59.7
+50					
E.L.				4.9	58.3
cb				5.0	
+1				5.8	
1/4				5.7	
c				5.2	58.0
1/4				4.9	
+5				4.7	
cb				4.0	
W.L.				3.8	59.4

	+	H.I. 263.25	−	Hortensia St 50 inside
+75 W. 2.			5.1	58 1
cl			5.5	
1/4			6.3	
c			6.7	56 5
1/4			7.1	
+6			7.3	
cl			6.5	
E. 2.			6.0	57 2
1+00 E. 2.			7.7	55 5
cl			8.0	
+1			8.7	
1/4			8.6	
c			8.3	54 9
1/4			7.9	
cl			7.1	
W. 2.			6.6	56 6
1+25 W. 2.			8.1	55 1
cl			8.8	
1/4			9.4	
c			9.7	53 5

	+	H.I. 263.25	−		
					70
1/4			10.0		
+6			10.0		
cl			9.3	53 9	
E. 1.			9.1	54 1	
H 1+50	5.07	25-5 84	12.38	25-0 87	
E. 2.			2.9	53 0	
cl			2.2		
+1			3.7		
1/4			3.6		
c			3.5	52 4	
1/4			3.1		
cl			2.3		
W. 2. 1+75			2.2	53 7	
W. 2.			2.7	53 2	
cl			3.0		
1/4			3.7		
c			4.0	51 9	
1/4			4.3		
cl			4.0		
E. 2.			3.6	52 3	

	+	H.I. 255.94	−	Hortensia St 80' wide
2+00				
E.L.			4.5	51 4/5
cl			4.5	
1/4			4.5	
c			4.2	51 7/5
1/4			3.9	
cl			3.0	
W.L. 2+25			2.3	53 1/5
W.L.			2.3	53 8/5
cl			2.8	
1/4			3.5	
c			3.8	52 1/5
1/4			4.4	
cl			4.6	
E.L. 2+50			5.0	50 9/5
E.L.			5.0	50 9/5
cl			4.1	
1/4			3.9	
c			3.4	52 5/5
1/4			3.0	
cl			2.2	

	+	H.I. 255.94	−	
W.L. 2+75			1.4	54 5/5
W.L.			1.4	54 5/5
cl			2.1	
1/4			3.1	
c			3.2	52 7/5
1/4			3.8	
cl			4.0	
E.L. 2+89.2			4.8	51 1/5
= North line of Hickory St.				
2+89.2				
E.L.			5.0	50 9/5
cl			4.1	
1/4			4.0	
c			3.1	52 8/5
1/4			3.0	
cl			2.2	
W.L.			1.7	54 2/5
#	3.78	254.65	5.07	250.87
00 = South line of Hickory St.				
00				
W.L.			1.4	253 2/5
cl			2.0	252.6

+	H.I. 254.65	−	Hortensia St 60' wide
¼		2.5	252.1
c		3.0	N51 6
¼		3.6	251.0
cb		4.2	250.4
E.L. +25		4.9	N49 7
E.L.		6.3	N48 3
cb		5.2	N49.4
¼		4.6	250.0
c		3.9	N50 7
¼		3.5	251.1
cb		3.0	251.6
W.L. +50		2.0	N52 6
W.L.		2.9	N51 7
cb		3.9	N50.7
¼		4.4	250.2
c		4.9	N49 7
¼		5.7	N48.9
cb		6.5	N48.1
E.L.		7.6	N47 0
at +50 Slope 15 East of East line		10.0	244.0

+	H.I. 254.65	−	
at +75 Slope 15 East of East line +75		11.4	N43.2
E.L.		9.1	N45 5
cb		7.7	N46.9
¼		6.8	N47.7
c		6.0	N48 6
¼		5.2	N49.4
cb		4.8	N49.8
W.L. 1+00		3.8	N50 8
W.L.		4.6	N50 0
cb		5.3	N49.3
¼		5.8	N48.8
c		6.8	N47 8
¼		7.9	N46.7
cb		8.8	N45.8
E.L.		10.4	N44 2
at 1+00 Slope 15 East of East line		13.8	N40.8
" 1+25 " 15 " " " " 1+25		16.4	N38.2
E.L.		11.8	N42 8
cb		9.8	N44.8
¼		8.5	N46.1

	+	H.I. 254.65	−	Hartenia Dr 30' wide
c			7.3	N47 3
1/4			6.6	N48.0
cl			6.2	N48.4
W.L. 1+50			4.7	N49 9
W.L.			5.4	N49 2
cl			6.6	N48.0
1/4			7.0	N47.6
c			9.1	N46 5
1/4			9.5	N45.1
cl			11.0	N43.6
E.L.			13.5	N41 1
#	5.14	249.23	10.56	244.09
At 1+50 slope 15' East of East line			12.6	N36.6
" 1+75 " " " " " "			14.7	N34.5
E.L.			9.7	N39 5
cl			6.3	N47.9
1/4			4.6	N44.4
c			3.3	N45 9
1/4			2.5	N46.7
cl			2.0	N47.2

	+	H.I. 249.23	−	
W.L. 2+00			0.6	N48 6
W.L.			1.0	N48 2
cl			2.7	N46.5
1/4			3.2	N46.0
c			4.3	N44 9
1/4			5.5	N43.7
cl			7.0	N47.2
E.L.			10.2	N39 0
At 2+00 slope 15' East of East line			14.7	N34.5
" 2+25 " " " " " " 2+25			14.6	N34.6
E.L.			10.5	N38 7
cl			7.3	N41.9
1/4			5.9	N43.4
c			5.0	N44 2
1/4			4.0	N45.2
cl			3.6	N45.6
W.L. 2+50			1.9	N47 3
W.L.			2.6	N46 6
cl			4.5	N44.7
1/4			5.1	N44.1

Horlencia St
50' wide

	+	H.I. 249.23	−	
c			6.6	√42.6
1/4			8.3	√40.9
cb			10.3	√39.9
E.L.			12.7	√36.5
At 2+50 slope 15' East of East line			16.6	√32.6
" 2+75 " 20' " " " "			22.1	√27.1
2+75				
E.L.			15.0	√34.2
cb			11.8	√37.4
1/4			10.1	√39.1
c			8.5	√40.7
1/4			6.8	√42.4
cb			6.1	√43.1
W.L.			4.5	√44.7
3+00 = North line of Chestnut St.				
# 3+00	7.63	244.26	12.60	236.63
W.L.			0.1	√44.2
cb			2.9	√41.4
1/4			3.8	√40.5
c			6.1	238.2
1/4			7.9	236.4

	+	HI 244.26	−	
cb		− −	10.0	234.3
E.L.			13.8	√30.5

ON	From	To	Page
Sta 12+65 on Alley bet Florida & Alabama and Sta. 2+85 Fr			2
Florida	Urn	Howard	3-5
Alley bet Texas Ariz	Howard	Polk	6-7
Texas	Alley S El Cajon	Alley N El Cajon	8
Alley North of El Cajon	Mississippi	Idaho	9-11
Alley bet Ariz & Texas	Alley Not El Cajon	Madison	12-14
Alley bet Florida Alabama	Polk	El Cajon	15-16
Park Blvd	Georgia	El Cajon	17
Alelley bet El Cajon & Howard	Park Blvd	Mississippi	18-19
Alley bet Texas Louisiana	El Cajon	Monroe	20-21
Alley bet Louisiana Missippi	"	"	22-23
Georgia (El Cajon	Park Blvd	S.L. Meade	24-25
Alley bet El Cajon & Meade	Georgia	Louisiana	26-27
Alley Bet. Mississippi Alabama Sts	El Cajon	Madison	28-30
Alley bet. Georgia Florida	"	Meade	31-33
Florida	"	Madison	34-36
Chestnut St			37-60
Ampudia			61-

10.00

262.90
1.35
264.25

254.25 An Chestnut & Triar
262.90 An Triar & Hickory.

BM 255.00 N.W. Cor 1st & Thorn.

255.00	237.92	237.92	237.92	237.92	237.92	237.62	237.62
+3.38	4.42	3.75	3.56	4.23	4.27	2.27	1.34
258.38 H.I.	233.50	234.17	234.36	233.69	233.65	235.35	236.28
−6.91							
251.47	237.92						
+0.81	1.04						
252.28 H.I.	236.88						
−12.82							
239.46							
+1.05							
240.51 H.I.							
−6.56							
233.95							
+3.97							
237.92 H.I.							

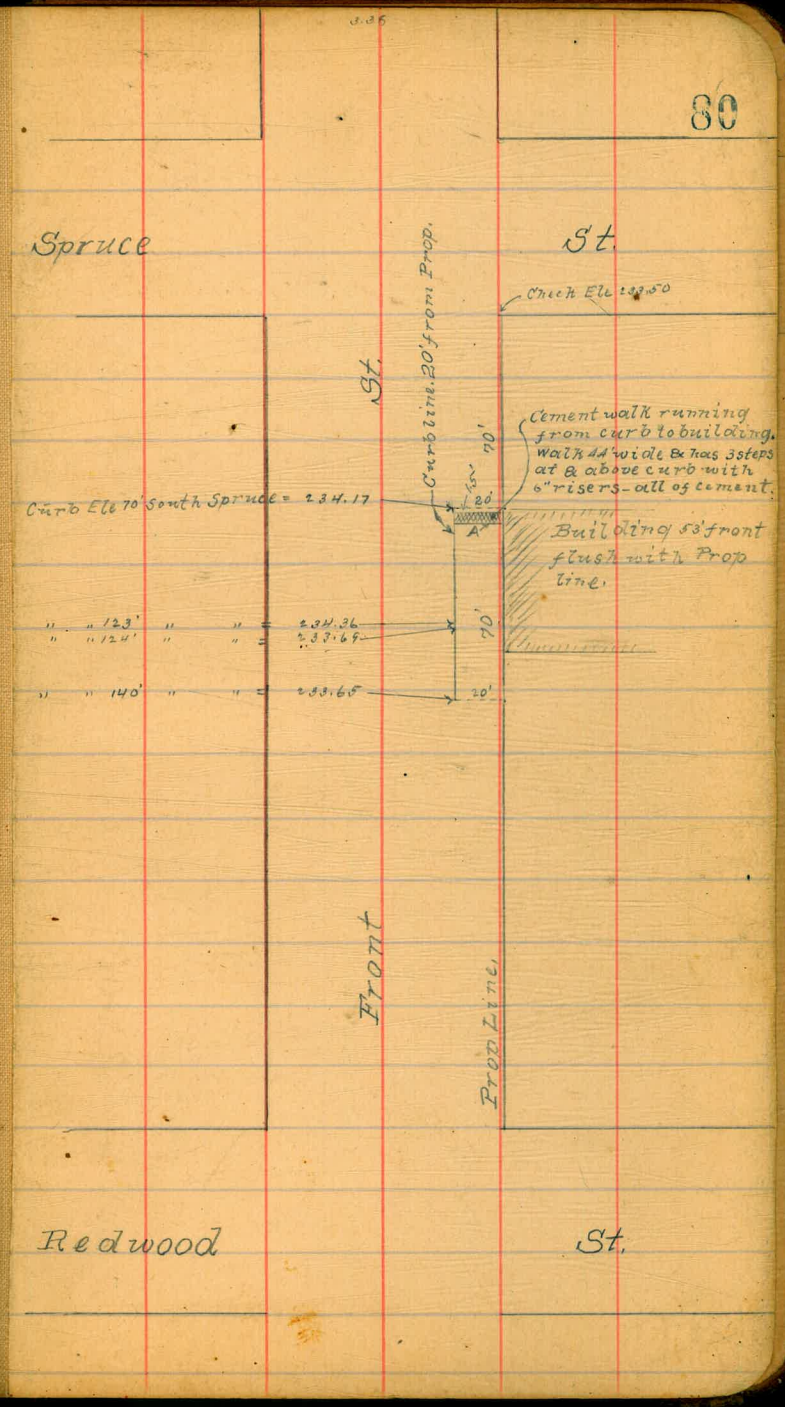
Ele on cement walk 3.3' Eeast curb Line = 235.35

" " " " 12' " " " = 236.28

" " " " 20 " = Prop " = 236.88

No regular walk in but curb is standard stuff.

Mar 5th -1912
Donnan
Shaw,
Devine



2+66 on florida 25 s of alley

332.57
0.92
331.65
5.62
337.47
4.10
333.37
328.00
5.4

378.88
7.80
371.08

445

425
150
1275
1375

347.64
8.22
339.42

312.86
4.73
307.13

299.28
91.50
7.78

342.25
3.51
[illegible]

325.79 3 N 2 nails N.W. cor Alley

347.06

348.64
1.58
347.06

338.29
1.02
337.27
5.20
332.57
0.99
332.57

8.72
8.08
64

332.68
9.29
[illegible] 52+50

240.51
7.60
232.91

303.31
9.96
273.35

314.46

324.07
8.07
316.00
311.50
~~[illegible]~~
~~26~~
~~[illegible]~~
313.75

224.07
12.57
211.50

Grape

220 | 700 | 3.18
660
400
220
1800

318
2
636

Fir

3.18
4
1,272

EUGENE DIETZGEN CO.
MANUFACTURERS & IMPORTERS OF
DRAWING MATERIALS AND
SURVEYING INSTRUMENTS
NEW YORK, CHICAGO,
NEW ORLEANS & SAN FRANCISCO.

Elm

1.56

317.00
1.56
315.44

317.00
1.27
315.73

318
3
954

Dale