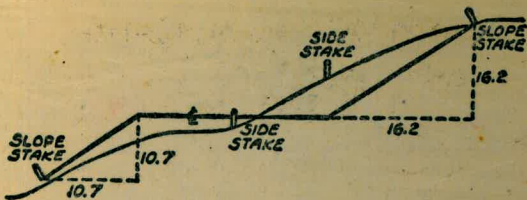


Please Return to
 City of San Diego Water Dept.
 Room 903 Civic Center

89b

200000
 .06
 1700000

5.55 w
 483 E
 77



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
 SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

NOT RECOMMENDED
 JAN 20 1965

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.89	.99	1.09	1.20	1.29	1.42	1.54
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

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WAT ✓
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Alice

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 } WAT

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COMMERCIAL ST.; 29th to 30th, WAT. METS 58 ✓

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^{alice}

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^{alice}

" " " " 12" CONC. DR 75-77 ✓

REPUBLIC ST.
TOOLEY TO BURIAN (SO. LOT 105)
⑤ STK.S & GRDS FOR 6" WATER

APRIL 7, 1954
BEATTY
SHOREY
MARTEL

2.

BM.	13.36	425.00 ✓		411.64	
P	12.94	437.88	0.06	424.94 ✓	
P	12.97	450.75	0.10	437.78 ✓	

Top. F.H. SE Cor Tooley & Winnet

0+45	6" G.V. (City)	5.5	445.3	440.6	C47
P 0+50	Begin Work 11.88 457.30	5.33	445.42 ✓	440.6	C48
1+00		7.9	449.4	443.7	C57
1+50		5.1	452.2	446.8	C54
2+00		3.5	453.8	449.4 449.9	C44
2+50		2.6	452.7	450.0	C47
3+00		2.5	454.8	450.6	C42
3+50		1.8	455.5	451.3	C42 ✓
4+00		1.1	456.2	451.6	C46
P 4+50	5.26 461.57	0.99	456.31	451.8	C45
5+00		5.3	456.3	451.7	C46
5+50		5.5	456.1	451.6	C45
6+00		6.0	455.6	451.6	C40
6+50		5.8	455.8	451.5	C43
6+59	F.H. TEE	5.9	455.7	451.5	C42
(5) F.H.		6.0	455.6	454.9	C02 C41

4453 Ground line
55 & of pipe

4458
52

4481
92

58

38

31

27

22

16

13

55

57

60

58

58

4/7/52

 REPUBLIC ST.
 (Cont. d.)

	461.57					
7+00		5.5	456.1	451.5	C46	55 2
7+50		5.0	456.6	451.4	C52	52 0
8+00		4.2	457.4	451.4	C60	44 2
8+35 ³⁰ (B.C.)	$\Delta 22^{\circ}30'$ 22 1/2 Bend.	4.4	457.2	450.6 451.2	C66	45 2
8+65 ⁷⁴		4.9	456.7	449.8 451.0	C69	50 0
8+96 ⁵²	45° BEND	5.5	456.1	449.1 450.8	C70	53 0
9+27 ¹³		6.5	455.1	448.5 450.1	C66	65 0
9+53 ⁵⁰				447.8		
9+57 ²⁴	45° BEND	7.3	454.3	447.3	C65	72 0
9+92 ³²				446.3		
9+88 ³²		9.8	451.8	447.2	C55	100 0
10+20 ⁹⁴	0.80 $\Delta 41^{\circ}30'$	10.35	451.22			
10+18 ⁹⁶	45° BEND	(SE) 2.8	449.2	442.1	C51 5'E	79 0
		(SW) 4.1	447.9	442.7	C38 5'W	
10+48 ⁴⁹ BACK						
10+51 ⁴³ AHEAD E.C.		4.3	447.7	441.8	C59	59 0
						6 pipe 13.77 from Prop line @ E.C.
11+00	$\Delta = 6^{\circ}27' RT.$	5.5	446.5	441.2	C53	67 0
11+50		6.3	445.7	441.0 440.7	C47	77 0
12+00		6.2	445.8	441.0 440.9	C48	64 0
12+50		6.1	445.9	441.0 439.7	C49	455 6.2 0
12+63 ⁴⁹	B.C. 2.16	6.24	445.78	440.6 439.4	C52	454 6.6 0
12+75		2.4	445.5	440.3 439.0	C52	454 2.5 0
13+00		3.0	444.9	439.7 438.7	C52	447 3.2 0
13+25		3.5	444.4	439.1 437.8	C53	440 3.9 0

4/8/52

REPUBLIC ST.
(Cont. d)

	447.94			438.5 437.2	C52	443.4 1.5 C
13+50		4.2	443.7			
				437.7 436.5	C53	442.3 1.6 C
13+75		4.9	443.0			
				436.8 435.9	C54	441.8 1.1 C
14+00		5.7	442.2			
				435.8 435.2	C53	441.3 1.6 C
14+25		6.8	441.1			
				434.6 434.5	C50	439.6 1.3 C
14+52.45 +44.51.32 P.C.C.		8.3	439.6			
				433.7	C52	437.2 10.2 C
14+75 F.H. TEE		9.0	438.9			
				439.6	C 37, C96	✓
(5) F.H.		4.68	443.26			
				433.4	C58	438.3 1.6 C
15+00		8.7	439.2			
				433.2 432.7	C69	439.7 1.2 C
15+25		7.8	440.1			
				433.0 432.1	C79	439.9 1.0 C
15+50		7.0	440.9			
				432.5 431.5	C83	439.8 1.1 C
P 15+75	1.31	442.10	440.79			
				432.0 430.9	C79	2.3 C
16+00		2.2	439.9			
				431.2 430.6	C80	3.3 C
16+21.78 BK 16+19.35 AH. EC		2.9	439.2			
				430.0	C83	7.0 C
16+50		3.8	438.3			
				427.8	C54	11.0 C
17+00		8.9	437.2			
				425.0	C63	12.5 C
17+50		10.8	431.3			
	0.19	428.99	428.80			
18+00		0.2	428.6	422.1	C65	2.9 C
				418.9	C72	6.3 C
18+50		2.9	426.1			
				416.4	C50	10.4 C
19+00		7.6	421.4			

4/8/57

6.

REPUBLIC ST.
(Cont. d.)

WATER METERS

457.30

2+03 Ely		2.7	450.6	453.7	C09	1819 Republic
2+51 Wly		2.7	452.6	453.8	C08	1820 "
3+06 Ely		1.8	455.5	454.9	C06	1811 "
3+85 Wly		1.7	455.6	455.4	C02	1776
4+16 Ely		0.4	456.9	455.8	C11	1795 "
5+23 Ely	461.57	5.3	456.3	455.7	C06	1789
5+37 Wly		5.4	456.2	455.3	C09	1776 "vacant walled orchard"
6+18 Wly		5.5	456.1	455.0	C11	1774 "
6+82 Ely		5.7	455.9	454.8	C11	1765 "
7+00 Wly		5.1	456.5	454.8	C07	1774 "
7+08 Wly		4.9	456.7	454.8	C09	1754 "
7+10 Wly		0.9	456.7	454.8	C09	
7+51 Ely		4.9	456.7	454.5	C18	1757 "
8+27 Ely		4.0	457.6	454.0	C36	1751 "
9+20 ⁵ Ely		6.5	455.1	452.7	C28	16 ? "
9+69 Ely		8.2	453.2	451.0	C10	1622 "
10+31 Wly	No exist Met 247.94		443.5	450.3	F48	
12+96 Ely		10.7	448.6	443.6	C50	✓
12+06 Nly		2.67	445.3	441.0	C43	✓
12+64 Nly		5.6	442.3	440.0	C23	✓
14+79 Nly	(No existing meter)	5.1	442.8	439.6	C32	✓
15+31 Nly		2.65	443.3	437.8	C55	✓

REPUBLIC ST.
Cont'd

4/14/50

7.

442.10

16+21 Wly.	"	1.5	440.6	438.9	C47	✓
17+20 Wly	"	2.85	439.25	433.4	C59	✓
18+00 Wly	"	7.5	434.6	429.5	C51	✓
18+00 Fly	K	5.7	428.99	429.0	F52	✓
22+27 Fly	K	14.5	394.0	403.2	F92	-8.2

April 9 1934

8.

BANKS ST.
 Sherman St. S_W to Alley
 @ STKS & GRDS. For 6" WATER

BM.		4.45	10.85	9.73	01.12	$\frac{06.7}{F \ 0.2}$	0450
0+56	= End Exist 6" A.C.			4.8	06.1	06.4	
0+58	= F.H. TEE (Towly side of ST.)					01.1	050
1+00				4.7	06.2	01.3	049
1+50				4.4	06.5	01.7	048
2+00				4.0	06.9	02.1	048
2+50				4.0	06.9	02.5	044
3+00				3.6	07.3	02.9	044
3+50				3.2	07.7	03.3	044
3+57.5	90° Bend	E 38		5.3	07.1	03.4	037
3+72.5	2" B.O. AT prop line (Alley)			3.4	07.5	03.6	041

$\frac{9.13}{9.73} = 01.12$ Bottom of Existing 6" A.C.
 $06.2 = 06.14 + 4.71$ & post

$\frac{0083}{300} \begin{matrix} 2500 \\ 2200 \\ 1000 \end{matrix}$ 83 82
 42
 166
 332
 2486

WATER METERS

1+51 WLY		4.1	06.8	06.6	002
2+00 ELY		3.7	07.2	07.0	002

APRIL 9, 1954
BEATTY
SHOREY
MARTELL

MANSFIELD AVE
Alley So Collier to Mountain view DR.
(45) Grds for 12" A.C WATER

BM.	5.06	397.84	392.84	FB. 1652-71			
			392.78	SE. BD. Adams & Mansfield			
0+05	Begin Work	4.12	393.72	389.0	C27	390.66 F Top AC Part @ E pipe. 4.18	
0+50		4.06	393.78	389.1	C27	393.72 4.12	
1+00		3.88	393.96	389.2	C28	393.81 4.03	
1+50		3.93	393.91	389.3	C26	393.84 4.00	
2+00		3.94	393.90	389.4	C25	393.82 4.02	
2+50		3.86	393.98	389.5	C25 C25	393.92 3.92	
3+00		3.68	394.16	389.6	C26 C26	394.06 3.78	
3+26	F.H. TEE 5.34	399.54	3.69	394.20	389.7	C25 C25	394.16 3.70
3+50		5.13	394.21	389.8 389.72	C27 C26	394.38 5.16	
4+00		5.36	394.18	389.9 389.74	C25 C27	394.11 5.43	
4+50		5.23	394.31	390.0 389.72	C26 C27	394.20 5.32	
5+00		5.04	394.50	390.1 389.72	C28 C27	394.28 5.06	
5+50		5.09	394.51	390.2 389.72	C28 C23	394.52 5.12	
6+00		5.02	394.52	390.3 389.72	C28 C22	394.44 5.14	
6+50		5.05	394.49	390.4 389.72	C28 C21	394.45 5.09	
7+00		4.88	394.66	390.5 389.9	C28 C22	394.61 4.93	
7+50		4.74	394.80	390.6 390.0	C28 C22	394.74 4.80	
8+00		4.68	394.86	390.7 390.1	C28 C22	394.80 4.74	
8+50		4.61	394.93	390.8 390.3	C27 C21	394.83 4.71	

4/9/52

10.

MANSFIELD AVE

(Cont'd)

		399.54					
1	9+00		4.47	395.07	390.9 390.3	C48 C41	395.00 4.54
	9+50		4.45	395.09	391.0 390.5	C46 C41	395.03 4.51
	9+90	12"GV	4.35	395.19	391.1 390.6	C45 + C41 +	395.12 4.49
	D	4.31					
	9+95	12x6 Cross	4.30	395.24	391.1 390.6	C46 + C41 +	395.16 4.38
	CK BM		4.58	394.97	394.89	BP. SE Cor. Cooley	
	10+00		4.28	395.27	390.6 391.1	C47 + C42 +	395.29 4.32
	10+50		4.57	395.04	391.2 390.5	C45 C38	394.95 4.60
	11+00		4.57	394.98	391.1 390.3	C47 C39	394.88 4.67
	11+50		4.68	394.87	391.0 390.2	C47 C39	394.82 4.79
	12+00		4.79	394.76	391.0 390.1	C47 C38	394.70 4.85
	12+50		4.90	394.65	390.9 390.0	C47 C38	394.52 5.03
	13+00		4.99	394.56	390.8 389.8	C48 C38	394.44 5.11
	13+50		5.08	394.47	390.7 389.7	C48 C38	394.28 5.27
	14+00		5.16	394.39	390.6 389.6	C48 C38	394.23 5.32
	14+50		5.29	394.26	390.5 389.5	C48 C38	394.08 5.47
	15+00		5.40	394.15	390.4 389.3	C48 C38	393.99 5.56
	15+50		5.51	394.04	390.3 389.1	C49 C37	393.85 5.70
	16+00		5.56	393.99	390.1 389.0	C50 C39	393.80 5.75
	16+50		6.11	393.44	390.0 389.9	C45 C35 +	393.40 6.15
	16+56.5	12x6 Cross	5.82	393.73	390.0 388.9	C49 + C37 +	393.72 5.83

MANSFIELD AVE
(Cont'd)

4/9/52

11

399.53

17+00		5.80	393.75	390.0 389.0	C48 C38	393.53 6.02
17+50	5.56	399.45	5.66	393.89 389.1	C48 C39	393.67 5.88
18+00		5.46	393.99	390.0 389.3	C47 C40	393.80 5.65
18+50		5.36	394.09	390.1 389.4	C47 C40	393.79 5.62
19+00		5.22	394.23	390.2 389.5	C47 C40	394.05 5.40
19+50		5.18	394.27	390.3 389.6	C47 C40	394.05 5.40
20+00		5.05	394.40	390.5 389.8	C46 C39	394.22 5.23
20+50		4.91	394.50	390.6 389.9	C46 C39	394.32 5.13
21+00		4.85	394.60	390.7 390.0	C46 C39	394.44 5.01
21+50		4.66	394.89	390.6 390.0	C49 C43	394.62 4.83
22+00		4.58	394.87	390.5 390.0	C49 C44	394.74 4.71
22+50		4.57	394.88	390.4 390.0	C49 C45	394.65 4.80
23+00		4.58	394.87	390.3 390.0	C49 C46	394.75 4.70
23+50		4.53	394.92	390.2 390.0	C49 C47	394.75 4.70
24+00		4.45	395.00	390.0	C50	394.90 4.55
24+50		4.40	395.05	390.0	C51	394.96 4.49
24+95	GV	4.99	<u>394.46</u>	390.00	C45	394.45 4.50
25+00	22 1/2° Bend	4.95	394.50	390.00	C45 ±	394.44 4.51
25+05	Existing "PL"	4.93	394.52	390.0	C45 ±	394.52 4.93

MANSFIELD AVE
(Cont'd.)

4/9/54

12

16+565
⑤ 5.80 399.45 576 393.69
CEBM 456 394.93 = 394.83

Water METER (Mark'd on curb)

0+05 E	4757 Mansfield
0+36 E	4761 "
0+90 E	4767 "
1+00 W	4758 "
1+00 E	4773 "
1+49 W	4766 "
1+78 E	4783 "
1+78 W	4768 "
2+33 E	4791 ≠ 4795
2+45 W	4774 "
3+01 E	4797 "
3+05 W	4780 "
3+14 E	3489 Collier
3+14 W	3451 "
3+77 W	3454 "
3+93 W	3462 "

MANSFIELD AVE
(Cont'd.)

WATER METS (Cont'd.)

4+12 E

4+41 W

4+46 E

4+79 W

4+98 E

5+30 E

5+64 E

5+71 W

5+95 W

6+07 E

6+38 W

6+44 E

7+07 E

7+12 W

7+66 E

7+73 W (Extra)

8+05 W

8+14 E

8+47 W

4803 Mansfield

4810 "

4811 "

4820 "

4823 "

4817 "

4829 "

4822 "

4836 "

4837 "

4846 "

4803 & 4805 "

4851 "

4852 "

4859 "

4862 "

4866 "

4867 "

4876 "

MANSFIELD ST.
(Cont'd)

Water Meters (Cont'd)

8+60 E	4875 Mansfield
8+92 E	4883 "
9+18 W	4886 "
11+18 E	4909 "
11+73 E	4919 "
11+78 W	4920 "
12+28 E	49 "
12+28 W	4930 "
12+55 E	4935 "
12+74 W	4938 "
13+00 W	4946 "
13+08 E	4945 "
13+54 E	4951 "
13+62 W	4954 "
14+08 E	4959 "
14+23 W	4964 "
14+76 E	4967 "
14+78 W	4970 "
15+17 W	4976 "

MANSFIELD ST.
(Cont'd)

Water Meter Locations

15+21 E	4975 MANSFIELD
15+51 E	4983 "
15+70 W	4984 "
17+66 W	5012 "
17+83 E	7 "
18+33 E	5015 "
18+40 W	5020 "
18+68 E	5021 "
18+80 W	5026 "
19+11 E	5027 "
19+29 W	5036 "
19+71 E	5033 "
19+81 W	5046 "
20+11 W	5054 "
20+38 E	5039 "
20+67 W	5058 "
20+89 E	5045 "
21+33 E	5053 "
21+33 W	5064 "

MANSFIELD ST.

Cont'd

Water Meters

21+82 E

21+89 W

22+25 E

22+34 W

22+77 E

22+84 W

23+15 E

23+36 W

23+77

23+81

24+28

16.
5057 Mansfield

5070 "

5063 "

5074 "

5067 "

5080 "

5081 "

5084 "

5083 "

5090 "

3461 Mansfield

68TH ST.
 JAMACHA TO MADRONE
 ⑤ GRDS. For 6" A.C. WATER

April 14, 1954
 Beatty
 Shorey
 Martell
 Alexander

17

BM	0.29	248.60		248.31			Top F.H. SW Cor 68 TH & Imperial	FB 876.2
0+40			10.0	238.6	235.4	C32		
0+45			10.1	238.5	235.3	C32		
0+50			10.1	238.5	235.3	C32	238.54	Ground line & pipe
1+00			10.5	238.1	235.0	C31	10.1	
1+50			10.9	237.7	234.6	C31	10.5	
1+75			10.4	238.2	234.4	C38	10.9	
2+00			11.0	237.6	232.5	C51	10.7	
① 2+21	10.80	247.07	12.37	236.27	230.9	C54	9.9	
2+25	} Plan Encsmt.	} Ext. Encs.	12.2	234.9	230.9	C10	13.5	
2+37.5			14.9	232.2	230.9	C13	13.1	
2+44			12.7	231.4	230.9	C35	13.9	2+31 & 231.9 # 15.2 Creek
2+50			10.0	237.1	231.7	C54	11.7	
3+00			5.1	242.0	239.0	C30	8.5	
④ 3+50	12.66	258.91	0.82	246.25			4.4	
④ 4+00	12.66	271.23	4.1	254.8	246.6	C82	0	
4+50			0.14	258.77			3.3	
④ 5+00			6.8	264.6	254.2	C104	0	
5+50			1.4	270.0	260.7	C93	5.9	
④ 6+00	12.62	283.74	0.31	271.12			0.9	
6+50			7.4	276.3	267.2	C91	0	
⑦ 7+00			2.2	281.5	273.7	C78	7.0	
⑦ 7+50	13.00	296.60	0.14	283.60			1.4	

68TH ST

Cont'd

4/14/54

18

296.60

6+00		8.8	287.8	280.2	C76			
6+50		2.1	294.5	285.9	C86	80		
6+65	F.H. TEE	6.87	303.02				1.3	6+50
		6.7	296.3	286.6	C97	59		

⑤ F.H.
CK TDM

9.2 293.8 290.5
2.23 300.79 = 300.91

C33, C72,
Flange, Ell.

Conc. Man & Madrone @ 68TH

WATER METERS

0+59 W	N	248.60	10.2	238.4	239.2	F08	532	68 TH
1+50 W	"		11.2	237.2	238.75	F14	524	"
2+80 W	N	247.07	6.3	240.8	243.8	F30	514	"
4+42 E	N	271.23	2.7	268.7	263.2	C55	435	"
5+23 W	N	283.74	3.5	280.2	273.9	C63	422	"
6+14 E	N	296.60	8.4	288.2	285.7	C25		
6+18 W	"		3.6	293.0	286.2	C68	408	"

SPRINGFIELD ST.
PARADISE TO SWAN
⑤ GRDS for 6" A.C. WATER

April 16, 1954
Bessie
Shorey
Martel
Alexander.

19

BM.							
	4.63	438.80		434.17			Top FH. NEly cor Paradise & Springfield.
8+35	6" G.V. (Existing?)			420.7		427.8 11.8	(-5.7 f.p. val.) Ground line & pipe
8+30	End Work		9.7	429.1	421.6 422.0	081.±	425.1 12.7
8+00			7.4	431.4	423.8 427.4	076	430.9 7.9
7+75			5.7	432.1	426.2 427.2	069	421.7 7.1
7+50			5.2	432.6	428.6 429.0	050	422.5 5.3
7+25			4.6	436.2	430.8	032	424.5 4.3
7+00			3.6	435.2	432.0	032	425.1 3.7
6+75			2.9	435.9	432.4	035	425.5 3.5
6+50			4.0	434.8	431.6	032	424.9 3.9
6+25			6.2	432.6	429.4	032	422.8 2.8
① 6+00	0.07	429.15	9.72	429.08	425.5	026	429.4 9.4
5+50			8.4	420.8	417.7	031	8.5
② 5+00	0.24	416.04	13.35	415.80	410.5	028	2.0
4+50			9.8	406.2	399.5	067	11.7
③ 4+00	1.55	404.28	12.31	402.73	392.1	050	11.5
3+75			10.9	394.0	389.6 390.2	044	11.1
3+50			11.0	393.3	388.6	047	12.0
3+25			11.0	393.3	388.8 389.3	045	11.9

SPRINGFIELD ST.
(Cont'd.)

4/19/54

20

402.28

L 3+12		10.6	393.7	389.4 389.7	C43	1/2
L ⑤ FH		1.8	402.5	396.2	C62 C13L	
o 3+00		9.4	395.0	390.0	C50	1/2
o 2+75		7.8	396.5	392.4 391.8	C41	83
o 2+50		4.7	399.6	394.8 393.7	C18	56
P	7.90	411.85	0.33	403.95		
2+25		6.9	405.0	396.4 395.3	C86	78
2+00		5.6	406.3	398.0 396.7	C83	65
1+75		5.4	406.5	399.6 398.2	C69	63
1+50		5.2	406.7	400.5 399.7	C62	57
1+25		5.4	406.5	400.5 400.1	C60	52
1+00		6.3	405.6	400.0 399.1	C56	65
0+75		7.6	406.3	398.8 397.2	C55	77
0+53.10		8.8	403.1	397.0 397.8	C61	87
0+48.10	6" GV	9.0	402.9	396.6 397.5	C63	88
0+43.10	6" Cross	9.3	402.6	396.2 397.0	C64	91
SET TBM	8.22	415.01	5.07	406.78		
①	12.78	427.74	0.05	412.96		
②	10.77	438.50	0.01	427.73		
CK BM			4.34	434.16 = 434.17	Top FH.	

NOTE:-
FH. stpd 35' Nly $\frac{1}{2}$ pipe
to get clear of Rdwy

$\frac{3}{4}$ " IP NE COR ^{Swan} Springfield

Springfield St.
(Cont.d.)

Water Meter 3

5778 Sh	429.15	1.4	427.8	427.5	603
2466 Nly	400.29	0.5	403.8	398.2	656
0475 Sh	411.85	8.3	403.6	402.8	608

4/19/54

21.

DENSON AVE
 WOODMAN TO RITCHEY
 RITCHEY ST
 BENSON TO NLY TERMINUS
 ⑤ G.R.D.'S FOR 6" A.C. WATER

April 19, 1954

BEATTY
 SHOREY
 MARTELL
 ALEXANDER

22.

B.M.	0.38	389.50		389.12		NE Cor DENSON & Ritchey	FB 876
TP	0.42	376.59	13.33	376.17			
TP	0.10	363.59	13.10	363.49			
SET TBM	10.58	362.61	11.54	352.05		LET SW Cor Val Chamber on 36" OTAY 2nd Main	
O+56.10		12" Cross Existing	7.0	355.6	Rest Top pipe		352.6 7.0 Ground line & pipe
O+64		36" Steel WAT (OTAY 200)	6.6	356.0	Rest Top pipe		6.6
O+75		22 1/2" BEND	5.6	357.0	349.2	C78	5.9
1+00			4.4	358.2	354.0	C42	4.7
TP	12.27	374.77	0.11	362.50			
1+50			10.9	363.9	360.2	C37	10.4
2+00			5.0	369.8	366.4	C34	4.9
TP	12.72	387.13	0.36	374.41			
2+50			11.3	375.8	372.0	C32	10.6
3+00			5.6	381.5	378.4	C31	4.8
3+25			3.2	383.9	381.3	C26	2.2
3+31		8"x8" TEE	E 1.1	386.0	381.6	C44	
			S 2.7	384.4		C28	1.6
	11.01	398.02	0.12	387.01			
3+50			9.9	388.1	382.5	C56	10.5
CK B.M.			8.92	389.10	= 389.12		
3+81		F.H. TEE (28" pipe)	2.7	390.3	383.9	C64	8.3
	⑤	F.H.	5.3	392.7	387.5	C52, C88	
4+00			4.6	393.4	384.8	C86	5.7
4+51		PC	4.1	393.9	387.1	C68	4.6
5+00			+0.1	398.1	388.8	C93	1.2
717	4.03	401.08	0.97	397.05			

BENSON & RITCHEY
(Cont'd)

4/19/54

25.

401.08

5+50		3.0	398.1	390.4	C77	7.6
6+00		4.9	396.2	390.7	C55	5.5
6+50		3.8	397.3	391.0	C63	4.7
7+00		2.4	398.7	391.2	C75	4.1
7+50		1.9	399.2	391.5	C77	3.8
W	12.36	409.32	4.12	396.96		3.8
8+00		9.5	399.8	391.8	C80	11.6
8+50		13.0	396.3	392.1	C42	13.8
9+00		13.8	395.5	392.4	C31	14.2
9+50		11.3	398.0	392.7	C52	13.1
10+00		6.9	402.4	393.7	C87	9.6
10+10	F.H. TEE	7.6	401.7	392.8	C79	8.8
	F.H. (95' Rt & pipe)	3.6	405.7	398.2	C75 C117	8
W	3.15	399.48	12.99	396.33		
CK DM			10.30	389.12 = 389.12		

Water Meters (305' Rt, 105' Lt & pipe)

1+74	N	376.77	4.8	370.0	367.6	C24	6660 Benson
2+55	S	387.13	11.6	375.5	375.8	F03	? Woodman
4+19	E	398.02	2.7	395.3	389.6	C57	? RITCHEY
4+19	W (No Existing Met)		9.9	388.1	389.2	F1	? "
4+60	W		7.0	391.0	391.4	F04	
5+06	W		5.9	392.1	393.2	F1	220 Ritchey

DIXSON & RITCHEY

(Cont'd.)

4/20/54

24

5+10 E	401.95	0.7	400.4	393.8	C66	? Ritchey
5+88 W	"	7.0	394.1	394.6	F05	226 RITCHEY
6+62 W	"	6.8	394.3	395.0	F07	124 RITCHEY
7+75 W	"	5.3	395.8	395.5	C03	254 "
8+75 E	409.32	10.1	399.2	396.4	C28	
10+12 W	"	12.6	396.7	397.8	F11	333 } "
10+14 W	"	12.3	392.0	397.9	F09	335 } "
10+12 E	"	5.6	403.7	398.2	C55	337 } "
10+10 E	"	5.8	403.5	399.3	C52	285 "
						275 "

54TH ST
LAUREL TO OLIVE
WATER METERS

4/21/52
Beatty
Shorey
Marfell
Alexander

25

BM.	11.38	280.47	269.09	F.H. SE Cor LAUREL & 54 TH		
0400 EC. R NE Cor LAUREL & 54 TH						
0424 E			7.7 272.8	2714	C14	2405 54 TH
0460 E			5.6 274.9	2724	C25	2415 "
1426 E			3.6 276.9	2744	C25	2421 "
1466 E			3.1 277.4	2753	C21	2431 "
2415 E			2.1 278.4	2763	C21	2441 "
2462 E			1.4 279.1	2768	C23	2465 "
HP 3431 E	4.00	283.98	0.49 279.98			
			1.9 282.1	2773	C48	2503 "
3482 E			1.8 282.2	2776	C46	2507 "
4416 E			1.2 282.3	2778	C45	2503 "
44215	F.H. ⑤		1.4 282.6	2778	C48	? Biloxi
	E.F.H. 15 from R					
5418 E	= 10' Sly	EC. R	5.3 278.7	2784	C03	2503 Biloxi
	NE Cor	Biloxi				
5449 E			4.9 279.1	2786	C05	2504 Biloxi
5489 E			4.5 279.5	2789	C06	2545 54 TH
6430 E			4.2 279.8	2792	C06	2551 "
6489 E			4.1 279.9	2796	C03	2557 "
7458 E			3.6 280.4	2800	C04	2605 "
HP 8407 E	6.14	286.63	3.49 280.49			
			6.0 280.6	2803	C03	2615 "
8420 E			6.0 280.6	2804	C02	2625 "

54TH ST.
(Cont. d.)

4/21/52

26

286.63

8+95 E	4.6	282.0	280.8	C12	2645	54 TH
9+55 E	4.0	282.6	281.2	C14	2655	"
9+85 E	3.4	283.2	281.4	C18	2665	"
10+12 FH. ⑤ 8 FH. 1E from A	3.2	283.4	281.6	C18		
10+39 E	3.8	282.8	281.8	C10	2703	"
10+87 E	3.5	282.1	282.1	C10	2711	"
11+91 E	3.7	282.9	282.1	C08	2727	"
12+83 E	3.8	282.8	280.6	C23	2741	"
13+28 E	4.7	281.9	278.8	C31	2749	"
13+74 E	5.4	281.2	278.1	C31	2759	"
14+3723 B.C. E. SE Gr. Olive.						
14+22 FH. ⑤	7.1	279.5	275.7	C38		
14+27 E	7.2	279.4	275.7	C37	2765	"
14+59 E	7.2	279.4	276.0	C34	?	"
CK BM	8.73	277.90 = 277.89		BR. on E. Edge Conc Pavt		Blacktop & 54

67TH ST.
EL CAJON TO SARANAC.
WATER METERS

4/21/54

27

BM. 1.66 455.39 453.73

BP SW Cor 67th & El CAJON

0+78 W. 3.6 451.8 451.0 C08

? 67th

1+11 W. 4.4 451.0 450.3 C07

4926, 4928 "

2+59 W. 6.6 448.8 449.1 F03

4930 67th

3+18 W. 6.5 448.9 448.8 C01

4994 67th

3+58 W. 6.2 449.2 448.6 C06

4996 67th

4+90 W. 6.6 448.8 447.5 C13

5+45 W. 7.3 448.1 447.1 C10

5+91 W. 7.4 448.0 446.7 C13

set BM. 785 455.73 7.51 447.88

ok BM 2.00 453.73 = 453.73

BROADWAY
MADERA TO 69TH ST.
⑤ GRDS for 8" AC. WATER

4/23/54

BEATTY
SHREY
MARTEL
ALEXANDER

28.

BM.	4.89	274.76		269.86			
0+57							
0+55	8" GV (CITY)		5.06	269.7	266.2	C35	
0+62	Begin Work		5.06	269.7	266.0	C37	
1+00			9.8	265.0	263.6	C14	
1+25			10.1	264.7	261.0 261.9	C37	
1+50			10.2	364.6	260.2	C14	
2+00			9.1	265.7	262.2	C35	
2+50			3.3	371.5	267.2	C23	
④	12.47	287.00	0.23	274.53			
3+00			8.8	278.2	273.2	C50	
3+50	12.84	299.10	0.73	286.26	279.2	C71	
4+00			6.8	292.3	285.2	C71	
4+50			2.3	296.8	291.2	C56	
④	12.88	311.06	0.92	298.18			
5+00			9.7	301.2	295.2	C60	
5+16	8" x 6" WYE		8.0	302.1	296.1	C70	
5+50	F.H. TEE		6.2	302.9	297.6	C73	
5+56	F.H. TEE				298.0		
⑤	F.H.		4.0	307.1	302.1	C50 C95	
6+00			1.3	309.8	301.2	C86	
④	13.22	323.71	0.57	310.49			
6+50			8.8	314.9	306.6	C83	

1 # Dix. Madera & Broadway FD. 852-64
CE. FD 1850-60



4.4%

0.712

BROADWAY
(Cont'd.)

4/23/52

29.

323.71

7+00			4.0	319.7	312.6	0.71	
①	12.88	336.19	0.40	323.31			31
7+50			10.9	325.3	318.7	0.66	12.5
8+00			4.3	331.9	322.8	0.71	39
①	13.28	348.72	0.75	335.44			2
8+50			7.5	341.7	334.7	0.65	67
① (gms)	13.02	361.04	0.70	348.02			323.5
9+00			8.4	352.6	344.7	0.79	72
①	13.29	373.95	0.38	360.66			16.5
9+50			11.0	362.0	352.6	0.84	28
10+00			3.4	370.6	361.8	0.88	0.8
10+25			1.1	372.9	364.0	0.89	0.3
10+50			0.6	373.0	361.8	0.86	1.7
10+75			3.1	370.9	364.6	0.63	4.6
11+00			6.1	367.9	362.4	0.45	2.0
①	1.30	364.00	11.25	362.70			353.5
11+50			3.0	360.6	356.6	0.40	12.2
12+00	2.45	354.26	12.19	351.81	346.8	0.50	5.4
12+21	F.H. TEE		6.7	347.6	342.7	0.49	
⑤	F.H.		8.2	346.1	346.9	F08 C C34	
cc TBM			10.55	343.71	=343.75	Nail in pole # 370486	

BROADWAY
(Cont'd.)

WATER METERS

125 ft to 325 from E. West.

1	1+70 S	274.76	9.3	265.5	271.2	F57	
4	4+105 S	287.00		295.5	291.2		
7	2+74 S moved to		9.9	277.1	275.0	C17 C13	6827 Broadway
8	6+70 S	323.71	6.9	316.8	313.0	C38	6809 "
4	7+55 S	336.19	10.6	325.6	323.0	C26	
4	9+52 S	373.95	11.0	363.0	359.2	C38	6845 "
9	10+10 N	"	12.0	376.0	368.6	C74	6846 "
1	10+40 S	"	1.0	373.0	368.6	C44	"

DETROIT AVE
65TH TO WOODMAN
⑤ GRD. 5 FOR 6" A.C. WATER

April 26 1954

Deatty
Shelley
Martell
Alexander

31.

TBM				
	271	347.09	344.38	
0+40	GR 6" (City)	2.7	344.4	340.0
0+45		2.3	344.8	340.0
0+50		2.4	344.7	340.0
0+75		2.7	344.4	340.0
1+00		4.0	343.1	338.5
1+50	0.12	334.05	13.16	333.93
1+50	0.89	321.80	13.14	320.91
2+00		5.0	316.8	312.0
2+25	22 1/2° Bend. # B.O. Branch.	9.6	312.2	308.4
2+50		5.3	316.5	312.6
2+50	12.62	332.01	0.41	321.39
3+00	13.07	346.48	0.60	333.41
3+25		5.5	341.0	336.4
3+25	13.01	359.34	0.15	346.33
3+50		12.3	347.0	341.0
3+615	6" TEE	11.4	347.9	342.9
3+75		10.0	349.3	343.8
3+855	FH TEE	9.0	350.3	344.8
⑤ FH		7.6	351.7	348.5
4+00		7.3	352.0	346.2
4+50		2.0	357.3	351.8
4+50	13.10	372.38	0.06	359.28
5+00		14.7	361.7	357.3

Top FH SW Cor 65TH & Detroit EB 852 pg. 49

C44	24
C45	20
C42	22
C44	23
C46	35
C31	12.6
C38	4.4
C38	9.1
C39	5.3
C49	0.6
C46	5.8
C60	12.5
C56	11.4
C55	9.6
C55	8.7
C32 C69	7.4
C58	7.1
C55	1.8
C44	10.3

0+50 2.0

DETROIT AVE

(Cont'd.)

4/26/54

	372.38					
5+50		5.3	367.1	362.9	C42	52
7P	13.25	0.19	372.19			
6+00		12.2	373.2	368.2	C48	12.3
6+50		7.7	377.7	372.9	C38	7.6
7+00		5.1	380.4	376.3	C41	4.5
7+1988	6" CROSS	4.4	381.0	376.8	C42	4.1
7+25	6" GV	4.3	381.1	376.9	C42	4.0
7+50		3.6	381.8	377.5	C43	3.4
8+00		1.9	382.5	380.0	C35	1.8
8+50	0.29	1.52	383.92	380.0	C39	1.7
9+00		2.3	381.9	378.0	C39	2.4
9+50		6.0	378.2	374.3	C39	6.1
10+00		10.6	373.6	367.3	C63	10.7
10P	0.23	13.35	371.09	370.86		
10+00	F.H. TEE	3.9	367.2	361.8	C52	3.6
	(5) FH	5.2	365.9	366.5	F06, C011	
CK TBM		6.68	364.41	364.41	chis II NE Cor Met. Box SW Cor Woodman & Detroit. FB 852 P9. 51	
SET TBM		3.01	368.08		Conc Man. {w. Prop line Woodman & Detroit.	
4+20 S	359.34	4.8	352.5	352.7	C18	? Detroit
4+40 S	"	2.9	356.4	355.0	C14	? "
5+74 S	372.38	2.2	370.2	369.5	C02	6621 Detroit.
5+75 N		1.3	371.1	370.0	C11	? "

69TH ST.
 BROOKLYN TO WUNDERLIN
 ⑤ G.R.O.S For 6" A.C. WATER

April 28, 1954

BETTY
 JAGREY
 MARTEL
 ALEXANDER

33

TD	5.02	273.03		267.61	
0+25	6" GV (CITY)		12.1	260.9	255.5
0+30	(Begin work)		9.9	263.1	255.8
0+50			8.5	264.5	257.1
1+00			3.3	269.7	260.3
TD	11.57	284.57	0.03	273.0	263.6
2+00			9.8	274.8	266.8
2+50			8.1	276.5	270.0
3+00			6.4	278.2	273.2
3+50			4.3	280.3	276.4
4+00			2.2	282.4	278.7
TD	10.48	294.80	0.25	284.32	
4+50			9.9	284.9	281.0
4+85	FH TEE		8.2	286.6	283.5
	⑤ FH		7.8	287.0	288.0
5+00			7.2	287.6	284.6
5+07	END WORK		6.8	288.0	285.1
5+12	6" GV (CITY)		6.5	288.3	285.4
5+17	6" TEE (CITY)				285.8

EX TD 4.72 290.08 = 290.05

TOP COR. POST G.R.D. FENCE NW COR. BROOKLYN & 69TH
 FB. 862 pg. 26.

262.3
 18.5 Ground line & pipe

3/4 I.P. SW COR. WUNDERLIN & 69TH FB. 862 pg. 26

69TH ST.

4/28/57.

34.

Cont'd.

WATER METERS.

PK of Met 15' RT. & LT. & ST.

1+555 E	273.03	0.1	272.9	267.6	C53	817	69 TH ST.
2+49 E	284.57	8.7	275.9	273.5	C24	831	"
2+87 W	.	6.7	277.9	276.5	C14	834	"
3+03 E	.	5.1	279.5	279.2	C03	849	
3+90 E	294.80	3.0	281.6	282.1	F05	"	
4+67 F		9.2	285.6	286.8	F12	869	"
5+04 E		6.9	287.9	288.7	F08	879	"

67TH ST.
BROOKLYN TO AKIN
⑤ GRDS FOR 6" A.C. WATER

April 28, 1952

BEATTY
SWEENEY
MARTEL
ALEXANDER

35.

TBM CK 7D	0.29	293.26	5.67	292.97 287.59 = 287.58		
0+45		6" GV CITY	4.8	288.5	284.6	
0+50		REPAIR WORK	5.3	288.0	284.3	
1+00			9.2	284.1	281.0	
1+50			12.5	280.8	277.5	
TP	0.14	280.05	13.35	279.91		
2+00			2.6	277.5	274.0	
2+50			7.0	273.1	268.3	
TP	0.33	267.05	13.33	266.72		
3+00			0.5	266.6	262.5	
3+50			7.1	260.0	256.8	
TP	0.08	253.93	13.20	253.85		
4+00			1.0	252.9	248.5	
4+50			10.3	243.6	240.1	
TP	0.24	241.02	13.15	240.78		
5+00			5.7	235.3	231.8	
5+50			10.8	230.2	226.8	
6+00			12.5	228.5	224.8	
6+50			13.3	227.7	224.7	
6+61		END WORK	13.1	227.9	224.7	
6+66		EXISTING T&E			224.4	
CK TP			12.78	228.24 = 228.26		

Top F.H. S.E. Cor. Brooklyn & 67TH ST. FB 824 pg. 63
3/4" I.P. SW Cor "

C39 288.6

C37 82

C31 88

C33 121

C35 22

C48 68

C41 01

C32 68

C44 09

C35 72

C35 55

C34 145

C37 125

C32 83

C32 131

SEW M.H. FB 824 pg. 64.

67th St.

(Cont'd)

WATER METERS

1+10 W	No Existing Met.	8.8	284.5	284.7	F02 ✓	740 "(Vacant)"
			293.26			
2+20 E		2.6	277.5	276.5	C10 C12	723 69 th
			280.05	257.7		
3+82 E		9.7	257.4	256.1	C13 C17	639 "
			267.05	257.8		
4+90 W		3.1	237.9	237.9	C00 ✓	Vacant:
			241.02			
5+ ²⁵ 38 E	No Existing Met.	7.4	232.6	232.8	F11 F13	
			241.02	232.4		
5+70 E		7.6	229.4	231.3	F19 F23	609 "
			241.02	229.0		

4/28/54.

36

BK of Met ²⁵⁵ ~~225~~ Rev. 4/29/54
RT & LT & St.

OGDEN ST
 LANDIS TO WIGHTMAN
 WIGHTMAN
 TO ELY TERMINUS
 ② STK'S FOR EXISTING WAT. METS

4/29/30
 Booth
 Shroy
 Kattel
 Alexander

27.

OM.	872	360.72		352.00			Pl. Nail in Pole, SE Cor sh curb End post Wightman	Shilo & Wightman
			5.20	355.50 = 355.36				
			5.76	352.96				
0+72 S.			5.0	355.7	354.7		C10	5359 OGDEN ??
1+00 = EC. Sh Prop. line								
1+25 S.			4.8	355.9	354.8		C11	5351 OGDEN
1+94 S.			4.7	356.0	355.1		C09	5337 "
2+35 S.			5.0	355.7	355.1		C06	5327 "
2+60 S.			5.2	355.5	354.8		C07	5319 "
3+89 S.	3.68	358.84	5.58	355.16	354.0		C12	5307 "
4+09 S.			3.8	355.0	353.9		C11	5303 "
4+80 S.			4.6	354.2	353.5		C07	5297 "
5+34 S.			5.4	353.4	352.6		C08	5291 "
5+92 S.			6.1	352.7	352.6		C21	5283 "
6+53 S.			10.5	348.3	347.6		C07	5275 "
CK BM.			6.85	351.99 = 352.00				
0+00 = Eric Evis Fen		360.72						
0+45 Nor.			5.1	355.6	354.5		C12	5350 Wightman
0+81 Nor.			5.0	355.7	354.2		C15	5358 "
1+61 Nor.			6.2	354.5	352.6		C19	5366 "

Wightman St

4/29/52

38.

EDMONDS ST
65TH ST. WLY 590'
⑤ GRDS FOR 6" AC WATER

TBM	4.82	368.79		363.97		Nail in P.P. pole SW Cor 65 TH & Edmonds. FB 876 pg. 12
⑤ FH, SE Cor 65 TH & EDMONDS.			9.0	359.80	360.2	F02
0+50		6" G.V. (Existing?)			356.0	
0+55		Begin work	7.2	361.6	356.5	C51
1+00			3.1	365.7	361.4	C48
TP	8.23	376.82	0.20	368.59	363.7	
1+50			7.8	369.0	362.2	C53
2+00			6.0	370.8	365.9	C49
2+50			4.9	371.9	366.7	C52
3+00			5.3	371.5	366.7	C48
3+50			6.0	370.8	365.7	C51
4+00			7.9	368.9	363.9	C50
4+50			11.1	365.7	361.3	C44
TP	1.60	365.27	13.15	363.67	361.6	
5+00			3.8	361.5	358.8	C27
5+50			7.5	357.8	355.2	C26
6+00			7.3	358.0	355.2	C28
6+22		F.H. TEE	4.6	360.7	356.7	C40
⑤ FH			5.3	360.0	361.6	F16, C33
CK P			1.70	363.57 = 363.60		Nail in pole 4+88±

EDMONDS ST
Cont'd

4/29/54

39.

WATER METERS

376.82

1464 N	7.0	369.8	365.7	C01	6472 Edmonds.
2+125 S	6.8	370.0	369.7 370.0	C03	6459 "
2+68 N	2.2	374.6	370.8	C38	6452 "
2+93 S	6.7	370.1	370.3	F02	6449 "
3+52 S	7.1	369.7	369.4 369.7	C06	6439 "
4+54 S	11.3	365.5	364.6 364.5	F10	6429 "
5+07 N	2.3	363.0	362.6 361.8	C12	6422 "
5+93 N	3.8	361.5	362.1 359.4	C21	6412 "

365.27

UNIVERSITY AVE
 12" A.C. at CARTAGENA DR.
 COLLEGE AVE
 12" A.C. Crossing So. SIDE UNIVERSITY

April 30, 1954

BETTY
 SHOREY
 MARTEL
 ALEXANDER

40.

B.M.	5.41	326.02		320.61
TD	9.92	335.94	0.00	326.02
TD	7.92	343.33	0.54	325.40

3/4" WP SW Cor College & Univ.

8+00 = 12" TEE			5.3	338.0	329.0	
					326.0	c90
8+25			5.6	337.7	330.0	
					326.7	c77
8+50			5.1	338.2	331.4	
					338.0	c68
8+68 12" GV.			5.3	338.0	333.6	
TD	0.36	331.66	12.03	331.30	340.2	c14
OK B.M.			11.04	320.62		

5.30
 3.17 /over
 8.27
 El. Top 12" Cms 332.86
 EL Bot 12" 1.30
 331.56
 Bot. 12" 333.66
 10.1
 El. Top 30" RCP 333.2
 EL Bot " " 330.2
 El 12" A.C. Bot. pipe 329.0

B.M.	5.41	326.02		320.61	
0+00 = 5' 5/8" 5/8" PL UNIV.			4.6	321.2	315.4
16" x 12" Tap Sleeve			4.6	321.4	322.2
0+42			4.8	321.2	315.4
					322.2
0+84			4.1	321.9	315.4
As staked 4/30/54			3.5	322.5	322.2
As built by City forces					

3/4" WP SW Cor College & Univ.

4.7 Rod
 2.6 Bar
 9.3
 316.7 Elev Top 16" CI
 1.5
 315.2 Elev Bot. 16" CI
 315.4 Elev Bot. 12"
 Tapping
 sleeve

0+00 = 16" x 8" Tap Sleeve			4.8	321.2	315.5	
						c57
0+10 (west) FH						
③ FH			4.8	321.2	320.90	
						c52, c57

0+00 90° Bend			7.6	318.4	312.4	
					321.2	c20
0+30 12x6 TAPPING TEE			7.7	318.3	312.4	
					320.5	c10

OK B.M.	5.10	325.71		320.61
SET TBM			3.45	322.26

Prop. Cor DISC NW Cor College & Univ.

Just off
 SE Cor CONC BASE
 RICHFIELD SIGN

ELEANOR DRIVE
65TH ST. TO TERMINUS (WIN)
⑤ GRD.S FOR 6" A.C. WATER

April 5 1950

Beatty
Shelley
Martel
Alexander

21.

BM	4.62	414.67		410.05		CONG. MON SW. COR 65 TH & ELEANOR	
0+20	(6" G.V. CITY)		12.4	402.3	394.6	874	C72
			12.7	402.0			
0+25	(Begin Work)		12.1	402.6	394.8	895	C78
			12.4	402.3			
0+38			10.4	402.3	395.2	886	C91
			10.9	403.8			
0+6421 Bx.	} (11/2 & 22 1/2 Bends REV. & PT Δ 31°32' RT		5.8	408.9	397.5	870	C106
0+5815 DK			6.8	407.9	398.3		
0+5936 AH.							
0+6700 AH.							
1+00			3.5	411.2	401.7	895	
TP	12.73	426.83	0.57	414.10			
1+50			12.7	414.1	407.0	871	
2+00			8.7	418.1	412.3	858	
2+50			3.9	422.9	417.5	854	
TP	13.20	439.96	0.07	426.76			
3+00			12.0	428.0	422.7	852	
3+50			7.0	433.0	428.0	850	
4+00			1.8	438.2			
	11 1/2 & 22 1/2 Bends						
4+100 ²²			1.8	438.2	431.0	872	
	X PT. Δ = 31°16' LT.						
4+50			1.5	438.5	430.4	881	
4+95	F.H. TEE		5.7	434.3	426.7	876	
TP	⑤ F.H. 062	433.45	7.13	432.83	430.5	on Comp Mon	C30-C68
5+40	6" TEE		0.0	433.5	428.1	857	
			5.3	428.2	422.5		
5+50			6.4	427.1	421.8	853	
6+00			10.1	423.4	418.3	851	

410.05
- 0.52
410.57
1.3
408.9
- 6.3
402.6
10
402.6
10.33
181.60
54
6
5
16.5
16.0
394.6

10.2

ELEANOR DRIVE

(Cont'd)

5/5/52

42

433.45

6+50		13.1	420.4	416.4	C20	
7D	3.54	423.92	13.07	420.38		13.1
7+00			5.3	418.6	414.5	C41
7+50			7.4	416.5	412.6	C39
7+62 ⁰⁰	2" B.O.		8.0	415.9	412.2	C39
7P	10.37	433.76	0.53	423.39		81
CK TBM			0.94	432.82 = 432.82		15' RT 5+10 on Conc Mon

WATER METERS

1+18 S	426.83	12.1	414.7	407.6	C71
3+15 S.	439.96	6.1	433.9	428.3	C56
7+62 N. ?	423.92	2.6	421.3	417.0	C13

OTAY ST.
65TH TO BROOKLYN AVE
⑤ GRDS FOR 6" A.C. WATER

MAY 11, 1954
BEATTY
SHOREY
MARTEL
ALEXANDER

43

T.B.M							
	3.27	271.38		268.11			
5+96 ²⁵	22 1/2	BEND (CITY)	3.9	267.5	263.6	C39	
5+80 ⁵			3.8	267.6	263.6	C40	267.1 4.3
5+50	8 PT	3035' LT	3.1	268.3	263.6	C47	267.0 4.4
5+00			5.5	265.9	262.4 263.4	C35	266.1 4.2
4+75			6.8	264.6	261.0 262.8	C36	264.4 7.2
4+50			8.5	262.9	259.0 260.8	C39 ✓	262.6 5.8
4+00			12.3	259.1	255.0 256.9	C41	258.9 12.5
① 3+50	1.07	259.14	13.31	258.07	250.9 252.0	C42	252.9 4.2
3+00			7.8	251.3	246.8 247.7	C45	250.9 8.2
2+50			11.9	247.2	242.7 245.2	C45	246.7 12.4
① 2+00	0.31	246.27	13.18	245.96	238.6 244.3	C45	242.6 3.7
1+50			7.7	238.6	235.1 237.3	C35	238.7 7.6
1+00			10.8	235.5	231.6 233.4	C39	235.6 14.7
① 0+50	1.07	234.29	13.05	233.22	228.1 230.0	C41	232.1 3.2
0+35		Begin Work	3.4	230.9	226.9 230.0	C40	230.8 3.5
0+30		6" G.V. (CITY)	3.2	231.1	226.4 229.6	C47	231.3 4.6
CK TBM			12.13	222.16 = 222.17			

Top FH SW Cor OTAY & BROOKLYN

FB 819, 49 50

Top FH 65TH & HERRICK PUMP PLANT

OTAY ST.
(Cont'd.)

5/11/54

24.

	U _i					
0+60 Nwly	233.29	2.7	230.6		CO ²	644 657 ⁴
1+34 Nwly	246.27	8.8	237.5		CO ²	712 OTAY
2+21 "	246.27	1.5	244.8		CO ²	714, 722, 726, 728, OTAY
2+90 "	259.14	9.4	249.7		CO ²	736 OTAY
3+63 "	259.14	3.4	255.7		FO ¹	748 "
4+81	271.38	5.9	265.5		CO ²	762 "
15+30 WM S	248.93	11.6	237.3	238.0	FO ²	
15+29 WM S		14.5	237.4	238.1	FO ²	
13+53 WM S	274.12	12.3	261.8	258.5	CO ²	
13+01 W N	261.8	3.3	258.5	262.8	F53	
12+52 N	274.26	12.7	261.8	269.5	F77	
12+38 S	284.40	5.9	278.5	271.8	CO ²	

MADRONE AVE
63TH To 65TH
⑤ GROS FOR 6" A.C. WATER

May 12 1954
BEATTY
SHOREY
MARTEL
ALEXANDER

45

TBM	12.92	248.93		236.01		Conc Man # 63 RD # MADRONE FB. 824 pg 41	
15+30			12.0	236.9	2324.	C35	131
15+20 F.H. TEE			10.0	238.5	2346	C39	123
③ F.H.			10.9	238.0	2387	F02 C34	
15+00			8.2	240.7	2368	C39	85
14+50			2.1	246.8	2425	C43	25
④ P	13.03	261.81	0.15	248.78			2
14+00			9.1	252.7	2482	C15	85
④ P	12.98	274.46	0.33	261.48			2
13+50			12.4	262.1	2539	C52	130
13+00			8.1	266.4	2596	C68	72
④ P							2
12+50	12.60	284.00	2.70	271.70	2653	C65	13
12+19			9.7	274.7	2688	C59	103
④ P	9.27	288.93	2.74	279.66			2
12+07	6" TEE		12.8	276.1	2702	C59	132
12+00			11.9	277.0	2710	C60	120
11+50			3.6	285.3	2768	C85	40
④ P	13.16	301.87	0.22	288.71			2
11+00			13.6	289.3	2825	C68	127
10+50			8.7	293.2	2883	C49	89
10+00			3.7	298.2	2941	C41	36
④ P	12.78	314.47	0.18	301.69			2
9+50			10.8	303.7	2999	C38	146
9+10.5							0
9+25	F.H. TEE		6.1	308.4	3045	C37	60
⑤ F.H.			+2.6	317.1	3087	C84, C26	

MADRONE AVE
(Cont. d.)

5/13/54

46

		314.27						
9+00			4.8	309.7	305.7	040		4.7
①	12.35	326.82	0.00	314.27				2
8+50			11.4	315.4	311.5	039		11.2
8+00			4.8	322.0	317.3	047		4.7
①	13.16	339.89	2.09	326.73				2
7+50			9.9	330.0	323.1	069		10.4
7+00			4.0	335.9	328.8	071		4.3
6+50			0.8	339.1	334.5	046		0.7
①	13.06	352.82	0.13	339.76				2
6+00			8.8	344.0	340.2	038		34.2
5+50			7.9	349.9	346.6	053		3.9
5+32.25 EC			0.9	351.9	346.2	052		1.9
①	13.03	365.26	0.59	352.23				2
5+00			4.0	361.3	349.0	023		9.5
4+75			2.3	363.0	351.4	016		7.6
4+50			0.3	365.0	353.8	012		5.1
①								2
4+25			1.1	364.2	356.2	080		1.8
①	13.36	378.19	0.43	364.83				2
4+00			7.1	371.1	358.5	026		11.9
3+75			2.5	375.7	360.9	048	7	5.0
3+50			2.7	375.5	363.3	022	7	5.9
3+25			1.8	376.4	365.7	010	7	1.5
①	4.89	382.98	0.10	378.09				2
3+02.52 B.C			7.4	375.6	367.8	078		8.8
3+00					368.0			

MADRONE AVE

(Cont'd)

5/13/56

47.

382.98

2+50		8.4	374.6	369.8	C48	8.3
2+00		7.2	375.8	371.5	C43	7.3
1+85	6" F.H. TEE	6.6	376.4	372.0	C44	6.5
	⑤ F.H.	1.4	381.0	376.2	C54, C96	
1+50	x PT A = 8°29' RT	5.4	377.6	372.2	C44	5.4
1+00		3.0	380.0	374.0	C62	2.4
0+64	45° BEND	1.2	381.8	374.3	C75	1.6
0+52	6" G.U. CITY	1.7	381.3	372.2	C74	1.2
0+51	Bottom of Pipe EXISTING 6" WYE	8.8	374.2			
11	9.75	392.36	0.37	382.61		
11	4.77	396.71	0.42	391.94		
			9.15	387.56 = 387.65	NE. WM Sullivan & Co 72	
				387.61		

382.98
+0.72
382.26
-9.53
372.73

WATER METERS

15+30	So	Hi	248.93	11.6	237.3	238.0	F07	
15+29	So			11.5	237.4	238.1	F02	
13+53	Jo		274.12	12.3	261.8	258.5	C33	6321 Madrone
13+01	Nor		261.81	3.3	258.5	263.8	F53	
12+52	N		274.66	12.7	261.8	269.5	F72	
12+38	S		284.40	5.9	278.5	274.8	C67	
11+42	N		288.9	9.7	279.2	281.5	F23	

MADRONE DVE
(Contd.)

5/13/54

48.

Water Meters

	No						
11+26	So	301.87	9.5	292.4	282.8	C96	6351 MADRONE
10+34	N.		18.1	283.8	294.1	F103	
9+87	So	314.47	9.2	305.3	299.4	C59	6367 "
9+81	No	201.87	15.6	286.3	300.0	F133	
9+20	N.	314.47	21.0	293.5	307.0	F135	
8+75	So	326.82	8.5	318.3	312.6	C57	6381 "
5+89	So	352.82	1.9	350.9	345.2	C52	6425 "
5+75	N.	352.82	17.4	335.4	306.3	F109	
3+10	Swly	382.98	4.6	378.4	371.8	C66	6453 "
2+40	Swly	382.98	7.8	375.2	374.2	C10	
0+90	Swly	382.98	0.5	382.5	379.6	C29	358 657

73
50
79

55th St.

Imperial to Santa Margarita
⑤ Grds. for 6" A.C. Water

May 13, 1954

BEATTY
SUGREY
MARTIN
ALEXANDER

49

B.M.	5.64	165.50	1	159.86			
TL	6.52	170.78	1.24	164.26			
0+80			6.8	164.0	158.1		
OK TBM			5.27	165.51 = 165.50	159.6		
1+00			7.3	163.5	158.2		
					159.6		
1+10	F.H. TEE		7.2	163.4	159.6		
	⑤ F.H.		7.70	163.1	163.0		
1+50			7.2	163.6	159.0		
2+00			6.6	164.2	160.1		
2+50			6.1	164.7	160.6		
3+00			5.6	165.2	161.1		
3+50			4.9	165.9	161.6		
4+00			3.9	166.9	162.7		
4+50			3.0	167.8	163.8		
5+00			13.5	169.43	164.3		
5+15.5 BK	} 25° & 22 1/2° BENDS.		1.04	169.74	164.2		
5+18 AH			0.96	169.82	164.2		
5+40.2 6" GV			1.88	168.90	164.0		
5+45.2 6" TEE			1.15	169.63	164.0		
⑤ F.H.			0.25	170.53	168.8		
5+50 W	1.58	170.53	1.83	168.95	163.9		
6+00			1.6	168.9	163.4		
6+50			2.1	168.4	163.0		
7+00			2.6	167.9	162.6		
7+50			3.4	167.1	162.1		

Chris B on Adwell SE Cor 54th & Imperial.

844 C59 163.9 Ground line & pipe.

FD 880 796

899 C53 73

898 C50 72

C01, 895 C17

898 C46 72

C41 67

C41 62

C41 57

C43 52

C42 41

C40 31

C51 16

C55 11

C56 6

C49 1.4

C58 1.7

C51 1.8

C55 2.4

C54 2.4

C53 3.2

C50 2.2

SANTA MARGARITA ST.
 55th To 200' Wly 53rd St
 ⑤ Grds. for 6" A.C. Water

5/14/50

50.

170.53

8+00		4.0	166.5	161.7	028	43
8+50		4.5	166.0	161.2	028	44
9+00		4.7	165.8	160.8	050	45
9+50		4.5	166.0	160.3	057	46
10+00		4.6	165.9	159.9	060	51
10+50		4.7	165.8	159.5	063	55
11+00		5.6	164.9	159.1	058	61
11+11	End work	5.9	164.6	159.0	056	61
CK	2.50 166.57	6.06	162.07	162.07		
11+16	GV By City					
11+25	GV By City					
11+30	Begin work	1.7	164.9	158.9	060	35
11+50		2.1	164.5	158.8	057	36
12+00		2.0	164.6	158.5	061	36
12+50		2.4	164.2	158.2	060	37
13+00		3.1	163.5	157.9	056	39
13+50		4.0	162.6	157.6	050	43
14+00		4.5	162.1	157.3	028	48
14+50		5.0	161.6	157.0	026	51

S. Kim of Sew. M.H.

SANTA MARGARITA

Cont'd.

5/12/50

51

166.57

15+00		5.5 161.1	156.7	C44	6.0
15+50		5.4 161.2	156.4	C48	6.1
16+00		6.1 160.5	156.1	C44	6.2
16+50		6.2 160.4	155.8	C46	6.5
16+67 ⁰⁸	BC.	6.3 160.3	155.7	C46	6.5
16+75		6.4 160.2	155.6	C46	6.5
17+00		6.5 160.1	155.5	C46	6.6
17+25	10.34 170.83	6.8 160.89	155.3	C52	6.5
17+50		11.0 159.8	155.2	C46	11.1
17+65	FHTEK	10.8 160.0	155.1	C49	11.1
⑤ FH		9.5 161.3	159.5	C18, C62	9.6
17+75		11.3 159.5	155.0	C45	11.2
18+00		10.7 160.1	154.9	C52	10.7
18+05 ⁵⁵	PRC	10.7 160.1	154.9	C52	11.1
18+25		10.8 160.0	154.9	C51	11.2
18+50		10.8 160.0	154.8	C52	11.2
18+75		11.0 159.8	154.8	C50	10.9
19+00		7.4 161.4	155.4	C60	9.5
19+25		7.0 163.8	156.4	C74	8.0
19+50		5.4 165.4	158.0	C74	5.6

SANTA MARGARITA
(Cont. d.)

5/12/52

52

170.83

19+75		3.7	167.6	160.8	C63	
19+97 ³⁷ P.C.C		1.2	169.6	163.2	C63	1.1
20+00	10.80	0.70	170.13	163.7	C64	0.8
20+25		8.1	172.8	166.5	C63	8.4
20+50	2 ^B 0	5.2	175.7	169.4	C63	17.9
PP	0.63	13.03	167.90			17.9

OK PP		10.23	158.30 =			
PP	6.40	13.82	155.11			
OK BM		1.55	159.96 = 159.86			

WATER METERS

0+80 E	170.28	7.0	163.8	162.8	C90	
0+90 W		7.4	163.4	162.0	C04	
0+91 W		7.4	163.4	162.0	C04	
1+30 W		7.5	163.3	162.2	C02	
2+30 W		6.6	164.2	164.0	C03	
2+93 W		6.0	164.8	164.7	C01	
3+72 W		4.05	166.7	166.0	C07	
7+ ⁷⁶ 86 N	170.53	4.3	166.2	165.6	C06	5460 Santa Marg.
8+29 N		4.9	165.6	165.4	C03	No Number
8+66 N		5.5	165.0	165.0	C02	5440 "
8+67 S		3.6	166.9	165.4	C15	
9+19 S		3.4	167.1	165.0	C21	5439 "

SANTA MARGARITA
(Cont'd)

11/17/54

53

9+52 N	170.53	53	165.2	164.1	C11	5428 Santa Marg
9+63 S	"	2.9	167.6	164.6	C30	5431 "
9+86 N	"	5.4	165.1	163.8	C13	5420 " ✓
10+96 S	"	4.2	166.3	163.2	C31	5409 "
11+35 S	166.57	1.1	165.5	163.0	C25	5405 "
12+13 S	"	0.4	166.2	162.7	C35	5391 "
12+39 S	"	1.6	165.0	162.5	C25	No Number
13+92 N	"	5.0	161.6	161.3	C03	5366
14+00 S	"	3.6	163.0	161.5	C15	5369
14+74 N	"	5.9	160.7	160.8	F01	5348
15+37 S	"	4.9	161.7	160.7	C10	5341
15+97 S	"	4.5	162.1	160.3	C18	5331
16+79 S	"	5.1	161.5	159.8	C17	
18+00 N	170.83	11.9	158.9	158.4	C05	
18+ ⁶⁰ 50 S	"	10.0	160.8	158.7	C21	
19+00 S	"	8.6	162.2	159.4	C28	
19+20 N	"	8.3	162.5	162.0	C05	
19+50 N	"	3.1	167.7	162.9	C18 ?	

SANTA MARGARITA
Cont'd.

11/17/54

54

20+36 N	180.93	4.6	176.3	171.4	C49
20+50 S		3.6	177.3	173.0	C43
20+50 No (20+75)		2.6	178.3	174.3	C40

May 19 1952
 BEATTY
 SUGREY
 MARTEL

SULLIVAN AVE.
 65TH to 63RD
 ⑤ G.R.O.S for 6" A.C. WATER

TBM	Time	Reading	Station	Elevation	Notes	Other
TBM	10.35	397.96		387.63 ⁶¹		NE Cor Met Chamber FD 824 pg. 55 also pg 47 THIS BK
0+00	F.H. TEE	(CITY)	10.8	387.2	383.0	C42
	⑤ F.H.	20' SW E PIPE (CITY)	10.6	387.3	385.5	C18, C23
0+15	6" TEE	(CITY)	10.0	388.0	383.0 385.2	C50 388.6 ← Elev. & pipe 9.4 Grid line
0+20	6" G.V.	(CITY)	9.9	388.1	382.9 382.6	C53 9.4
0+50			10.1	387.9	381.6	C63 9.8
0+75	x PT		10.4	387.6	381.55	C61 10.2
1+00			10.7	387.3	381.5	C58 10.3
1+50			10.8	387.2	381.9 381.65	C53 10.2
2+00			11.0	387.0	382.4 381.9	C46 10.8
2+50			10.7	387.3	382.2 382.7	C41 10.5
3+00			9.6	388.4	384.0 383.6	C44 9.5
3+50			8.2	389.8	385.9 385.2	C39 8.1
4+00			6.4	391.6	387.8 386.8	C38 6.3
4+50			4.0	394.0	390.0 388.9	C40 3.9
① 5+00	12.22	410.06	0.12	397.84	394.4 393.8	C41 11.8
5+25			8.2	401.9	397.6 395.7	C43 8.1
5+50			4.3	405.8	401.8 399.2	C40 4.3
5+75			0.4	409.7	405.0	C42 0.2
① 6+00	12.96	422.86	8.9	412.0	408.2	C58 8.7

SULLIVAN AVE
(Cont'd)

5/19/54

56

		422.86							
6+25			4.8	418.1	411.3	C68		418.3	
								46	
								2	
6+50			1.0	421.9	413.2	C87		29	
P	6.79	429.44	0.21	422.65				2	
7+00			2.4	427.0	414.5	C125		21	
								2	
7+34			1.3	428.1	414.6	C135		12	
								2	
			4.4	425.0	418.4	C68, C104		2	
7+39			1.4	428.0	414.6	C134		12	
								2	
7+50			1.4	428.0	414.7	C133		12	
								2	
8+00			3.6	425.8	411.9	C102		24	
								2	
8+50			7.2	422.2	415.1	C71		70	
								2	
9+00			10.3	419.1	415.3	C38		92	
								2	
9+50			11.9	417.5	415.45	C21		74	
								2	
10+00			8.6	420.8	415.6	C52		77	
								2	
10+50			3.7	425.7	415.8	C92		35	
P	0.99	428.38	2.05	427.39				2	
11+00			0.9	427.5	416.0	C115		17	
								2	
OK P			0.50	427.88	416.2	C79	38 (+25)	2	
11+25			5.3	422.1	414.8	Water Bump Post		28	
11+30			7.7	420.7	414.6	C62		28	
								2	
P			12.75	415.63	410.0	C56		129	
11+75	1 1/2° Bend				412.0			2	
	0.32	415.95						2	
12+00			11.2	404.8	401.6	C32		111	
								2	
P	0.77	403.90	12.82	403.13				73	
12+25			9.5	394.4	391.25	C32		73	
								2	
P	0.29	391.04	13.15	390.75				2	
12+50			6.1	384.9	380.9	C42		2	
								2	
12+75	0.57	378.34	13.27	377.77				43	
			4.3	374.0	370.55	C35		2	

5/19/52

57.

SULLIVAN AVE
(Cont'd)

H	0.58	378.30 366.09	12.83	365.51			
13+00			2.7	363.1	360.2	C32	2.7
H	0.61	359.50	13.20	352.89	349.0		
13+25			1.5	352.00	349.2	C30	1.5
13+24.5							
13+19	6" F.I. Tee		9.0	344.5	341.0	C35	9.6
(5) F.I.			6.4	347.1	345.1	C20, C6	
OK TBM			10.17	343.33 = 343.35			

Nail in pole NE Cor 63 & Sullivan F.D. 824 Jan 58

WATER METERS

7+64 N		429.44	+3.6	433.0	418.5	C125	6366 Sullivan
8+48 N		"	6.1	427.3	418.6	C45	6340 "
9+94 N		"	4.1	425.3	419.4	C59	6338 "
11+ ⁵⁰ 77 N		428.38	8.3	420.1	419.8	C03	6322 "

COMMERCIAL ST.
29TH To 30TH
② GROS. for WATER METS

BM	4.47	76.52	72.05				
IP	5.60	72.77	7.35	69.17			
0+25 S			5.7	69.1	68.9	CO ₂	
1+58 N			4.85	69.9	69.6	CO ₂	2920
1+62 S			5.0	69.8	69.4 70.0	FO ₂	
2+06 N			4.9	69.9	69.7	CO ₂	2926
IP	5.44	75.52	4.69	70.08			
2+52 N			5.05	70.1	69.9	CO ₂	2930
2+90 N			5.24	70.3	70.1	CO ₂	2936
3+56 N			5.35	70.2	70.4	FO ₂	2946
3+81 S			4.35	71.1	70.2 71.0	CO ₁	2943
3+81 N			5.14	70.4	70.5	CO ₁	2948
4+19 N			4.85	70.7	70.8	FO ₁	2954
5+52 N			4.16	71.4	71.2	CO ₂	
6+48 N			3.8	71.7	71.6	CO ₁	
IP	5.58	77.24	3.86	71.66			
6+73 S			4.85	72.4	71.8 72.4	CO ₂	
7+10 N			5.34	71.9	71.9	CO ₂	
IP	5.07	80.13	2.19	75.06			
CK BM			5.13	75.00 = 74.97			

May 20, 1954
DOROTHY
SIMPSON
MARTELL

58.

SW BR. 29TH & Imperial

NW BR. 30TH & Imperial

MADRONE AVE
WOODMAN TO RITCHEY
③ GRDS for 6" A.C. WATER

May 20, 1954

BEATTY
SUREY
MARTELL

59

TBM.							
	0.72	275.17		274.45			
0+05			6.4	268.8	265.0	c38	268.4 Elev. & pipe grid line
0+10			6.1	269.1	265.0	c41	266
0+25			5.9	269.3	265.4	c39	261
0+37			5.2	270.0	266.0	c40	260
0+50			3.3	271.9	268.0	c39	37
HP box	12.21	287.28	0.10	275.07			
1+00			4.2	283.1	275.6	c75	282
HP	12.74	299.81	0.21	287.07			
1+50			10.1	289.7	283.2	c62	286
HP	13.24	312.82	0.23	299.58			
2+00			12.8	300.0	290.8	c92	152
2+50			5.1	307.7	298.4	c93	266
HP							
3+00	13.30	325.67	0.45	312.37	306.0	c64	15
3+50			8.2	317.5	311.6 311.2	c63	85
4+00			3.4	322.3	314.8	c75	36
4+50			1.4	324.3	316.0	c82	15
4+79	6" TEE		0.4	325.3	315.4	c99	29
4+85	FH TEE		0.5	325.2	315.3	c99	11
	⑤ FH		+0.8	326.47	319.9	c66 c112	
CK TBM.			3.48	322.19	322.16		
1415 N	N	287.28	8.8	278.5	281.3	F28	
4482 S	N	325.67	+0.8	326.5	319.9	c66	

Nail in RR Pole SW Cor. Woodman & Madrone F.B. 811 pg. 16.
P. 70906

SW Cor. Conc. Slab approach to garage F.B. 811 pg. 17

QUIMBY ST.
LOCUST to EVERGREEN
© GRDS. for EXISTING WAT. METS

				06.03		
				96.78		
T B.M.	12.73	18.76		18.33		
W	13.24	31.57	0.23	31.46		
CIP	13.03	44.49	0.11	31.46	31.80	
	OK	0+25 EC SWLY	11.28	32.71	32.49	
	OK	0+28 EC NELY	8.76	32.71	31.9	
0-09 NELY	26		10.5	32.0		
			8.2	36.3	31.1	
0-07 NELY						
0+00 = NWLY to LOCUST			11.2	33.2	32.1	
0+26 SWLY			3.7	40.8	34.9	
1-0+60 NELY						
			8.4	36.1	36.6	
1-0+70 SWLY			3.57	38.92	41.17	
	OK	1+00 NELY	1.12	43.37		
1-1+08 NELY	12.41	55.78	12.5	43.3	42.0	
			13.2	42.6	42.3	
1-1+32 SWLY			6.3	49.5	48.6	
1-1+59 NELY			7.2	48.6	48.7	
1-1+68 SWLY			0.53	55.25		
	13.11	68.36	11.6	56.8	56.9	
1-2+11 SWLY			0.58	67.78		
	2.82	70.60	2.0	68.6	68.0	
1-2+29 NELY			2.5	68.1	68.0	
1-2+56 SWLY			1.40	69.20	62.0	
	OK	2+50 NELY	40.80	71.40	71.62	
		2+70 SWLY				
	13.30	83.88	0.00	70.58		
	13.11	96.40	0.59	83.29		
	6.15	101.11	1.44	92.96		
5 CK B.M.			4.53	96.57 = 96.78		

May 21, 1954

60.

SHY-GUY-MARK LET (Disc) POE & ROSECRANS FB 563.
M.H. POE & EVERGREEN 19. 73.

C20 = 0226 ?
C21 = 052 ?

C21
C5E
C12
C59
F0E
F0E = F0E ?
C13

F07
C09
F0L
F0L
C06 ✓
C0L ✓
C120 = C120 ?
F0E = F0E

Locust

Locust

Quimby

"

"

"

"

"

3130

"

"

3135

"

3144

"

3145

M.H. POE & EVERGREEN

ORIOLE ST.
TOOLEY TO SPRINGFIELD
③ GRDS. for 6" A.C. WATER

May 21 1954
BRATTY
SHOREY
MARTELL

61.

B.M.	12.99	453.11		440.12	Conc Men B.P. N.E. Coe. Tooley Oriole		CITY EDGE FB 1859 pp. 51
0+25	6" 9V. (CITY)		6.1	447.0	442.0	C50	446.9 6.2 Elev. ground line & pipe
0+50			5.8	447.3	442.0	C53	61
0+60	1 1/4° BEND		3.6	449.5	442.0	C75	54
1+00	12.73	465.72	0.12	452.99	447.6		
			8.4	457.3	448.5	C97	12.4
1+50			5.7	460.0	453.4 454.6	C66	71
2+00			3.3	462.4	457.1 457.4	C53	38
2+50			2.6	463.1	459.2 459.4	C39	29
3+00	1.06	463.76	3.02	462.70			
			0.7	463.1	459.2	C39	27
3+50			1.2	462.6	457.6 456.7	C50	1.4
4+00			3.7	460.1	454.0 451.7	C62	459.6 42
4+35 ⁸	F.H. TEE		9.2	452.6	450.3 448.2	C43	456.2 76
③	F.H.		9.5	454.3	454.4	FOL, C40	
4+50	0.07	451.20	12.63	451.13	447.8 446.7	C94	451.1 12.7
4+87 ⁵			2.2	444.0	440.1	C39	447.0 42
5+00			9.7	441.5	438.6	C29	5+00 6.3 0
5+12 ⁵	0.20	438.19	13.21	437.99	437.9	C20	439.5 +1.3
			1.2	437.0	435.0		
5+25			5.7	432.51	433.6 429.5	C30	433.2 50
5+50	0.17	425.13	13.23	424.96	422.0	C30	425.3 12.9

ORIOLE ST.

(Cont'd)

3/22/52

62

		425.13					
6+00	0.90	412.77	13.26	411.87	408.5	C33	411.9 13.2
6+50	0.57	400.44	12.90	399.87			399.8 6.6
6+75	0.13	387.29	13.28	387.16	386.5	C74	386.5 1.6
7+00			1.1	386.2	381.0 382.3	C52	385.7 1.6
7+25			8.1	379.2	379.0	C62	379.8 7.5
7+50	0.12	372.70	12.71	374.58			
8+00			5.4	369.3	366.4	C29	4.6
8+50			9.6	365.1	361.6	C35	
8+75	0.80	362.27	13.23	361.47			9.1
9+00			3.0	359.3	356.0	C33	2.6
9+50			9.1	353.2	350.2	C30	8.1
9+75	0.27	349.47	13.07	349.20			
10+00			1.5	348.0	344.4	C36	2.9
10+50			6.9	342.6	338.7	C39	6.4
10+75	0.25	337.03	12.69	336.78			
10+00			1.3	335.7	333.0	C27	336.2 0.8
10+073	F.H.T.F.		2.7	334.3	331.3	C30	2.0
10+423	F.H.		3.4	333.6	336.2	F26, C23	
10+473	GV (CITY)		7.3	329.7	325.6	C41	
10+523	6" TEE		7.8	329.2	324.8	C44	6.7 0.2
CK TBM.			8.8	328.2	324.3	C39	8.0
1+56 E	WATER METS	2.89	334.14		= 334.14	CITY Engr. Disc. 2x2 & Oriole, N.Y. #	Springfield
2+95 W.	"	4.1	461.6	457.8		C38	
3+00 E	"	0.8	463.0	463.2		F02	
3+73 E	"	0.3	463.5	463.5		C09	
3+83 W	"	1.8	462.0	460.0		C20	
6+31 E	"	2.4	461.4	459.7		C17	
	"	11.2	401.6			C05	

WINNETT ST.
TOOLEY TO FEDERAL
⑤ GRS for 8" A.C. WATER

May 24 1954
BEATTY
SHOREY
MARTELL

63.

B.M.	2.88	416.52		411.64		Top F.H. SE Cor Winnett & Tooley - F.P. 857 pg. 16.
0+25	8" x 6" Red } City. 6" G.V.		2.0	414.5	409.0	c45 414.5 Elev. Ground line & pipe. 2.1 c
0+50			0.6	415.9	409.0	c69 415.1 0.4 c
0+75			3.0	413.5	408.1	c54 413.2 0.1 c
1+00			4.8	411.7	406.0	c57 409.9 0.6 c
1+25			3.2	413.3	403.0	c103 407.2 0.3 c
1+50			7.9	408.6	400.2	c84 404.5 12.6 1.0 407.8 0.7 c
H	0.00	403.79	12.73	403.79		
2+00			5.0	398.8	394.7	c41 398.3 0.5 c
2+50			10.9	392.9	389.1	c38 392.7 0.2 c
H	0.05	390.63	13.21	390.58		
3+00			3.7	386.9	382.2	c47 387.0 0.1 c
3+50			12.0	378.6	375.4	c32 378.8 0.2 c
H	0.10	377.66	13.07	377.56		
4+00			4.0	373.7	368.2	c55 374.1 0.4 c
					368.5	
4+50			9.1	368.6	361.1	c75 368.6 0.5 c
4+61					361.6	
2+65	FH TEE		10.4	367.3	359.7	c76 367.5 0.2 c
					360.1	
H	⑤ F.H.		10.2	367.5	363.8	c37 c78 367.5 0.2 c
	0.29	364.85	13.10	364.56		
5+00			1.8	363.1	352.7	c84 352.7 0.2 c
5+50			7.8	357.1	349.4	c77 349.4 0.2 c
H	0.29	351.87	13.27	351.58		
6+00			1.2	350.7	344.3	c64 344.3 0.2 c
6+50			6.5	345.4	339.3	c61 339.3 0.2 c
					340.0	

5/24/54

64

WINNETT ST.
(Cont. d.)

		351.87					
7+00			12.1	339.8	334.3 335.1	C55	339.6
TP	0.07	338.93	13.01	338.86	335.1 339.5		12.3
7+50			3.5	335.4	330.3 339.5	C59	334.8
8+00			8.9	330.0	325.4 324.7	C53	329.8
TP	0.37	326.19	13.11	325.82	320.5 320.0	C58	325.6
9+00			4.0	322.2	317.6 316.2	C60	321.8
9+11			5.1	321.1	317.0 315.0	C55	320.9
9+10	FH TEE						5.3
(5) FH			4.8	321.4	319.5	C19, C58	
9+50			7.3	318.9	314.7 313.6	C53	318.2
10+00			10.3	315.9	311.9 311.1	C48	315.6
TP	0.28	313.35	13.12	313.07	308.7 311.9		12.6
10+50			1.0	312.4	309.0 308.7	C37	312.8
11+00			4.3	309.1	305.0 305.0	C41	309.1
11+50			8.5	304.9	301.0 301.0	C39	304.8
TP	0.22	300.48	13.09	300.26	294.8 294.8	C55	300.2
12+50			5.2	295.3	288.7 288.7	C66	295.3
13+00			11.3	289.2	282.5 282.5	C67	289.3
TP	0.11	287.46	13.13	287.35	276.0 276.0		11.2
13+50			4.6	282.9	276.4 276.4	C69	282.9
14+00	FH TEE		11.2	276.3	270.4 270.4	C59	276.3
TP (5) FH	3.11	278.23	11.6	275.9	274.3 274.3	C16, C55	275.9
14+14	8" G.V. City		12.34	275.12	269.6 269.6	C56	275.12
14+19	8" TEE		4.9	273.3	269.5 269.5	C58	273.3
CK BM			5.33	272.90 =	272.89		272.89

DP on SW Edge Pavt.
W. R. Winnet.

WINNETT ST
(Cont'd.)

5/26/54

65

WAT. MET.S

2+93 W	4. 290.63	3.3	387.3	387.9	F05	
2+96 E	" "	2.8	387.8	387.1	C02	
3+87 E	4. 377.66	2.7	375.0	373.9	C11	?
4+28 W	"	6.4	371.3	368.6	C27	
4+89 E		D	364.56	360.2	C44	
5+18 E	4. 364.85	6.7	358.2	353.7	C45	2015 Winnet
5+90 E	"	12.1	352.8	349.4	C34	2019
6+12 E	4. 351.87	5.0	346.9	344.2	C22	2027
6+80 E	"	9.6	342.3	340.4	C19	2033
7+00 W	"	11.0	340.9	339.0	C17	2039
7+27 E	338.93	1.2	337.7	335.9	C18	2036
7+70 W (No Met.)	"	6.5	332.4	332.0	C04	2015
7+90 E	"	6.9	332.0	329.5	C25	VACANT
7+98 W	"	8.4	330.5	329.2	C12	2101
8+11 E	"	11.7	327.2	324.6	C26	2106
8+86 E	4. 326.19	3.1	323.1	321.1	C20	2109
9+14 W	"	4.3	321.9	319.8	C21	2115
9+29 E	"	5.9	320.3	318.4	C19	2126
9+82 E	"	9.0	317.2	315.8	C14	2121
9+92 W	"	7.1	319.1	315.8	C33	2125
10+36 E	"	12.1	314.1	313.4	C07	2128
10+68 W		10.0	316.2	312.1	C41	2129
10+95 E	313.35	3.3	310.1	302.8	C03	2130
11+36 E		6.5	306.9	306.4	C05	2141
11+37 W		2.6	310.8	306.8	C40	2145
11+79 E		10.4	303.0	301.8	C12	?
						2151

DEL REY ST.
ROSEWOOD TO GLENDORA
② GRDS for WATER METS

May 25 1934
BERRY
SPREY
MARTELL

66.

B.M.	8.29	26.18	17.89			
0+00 - NW 1/4 ROSEWOOD						
0+81 NE 1/4	5.3	20.9	19.8	C12	3411	Del Rey
1+25 NW 1/4	6.1	20.1	19.3	C08	3424	" "
2+11 SW 1/4	5.8	20.4	19.8	C06	3430	" "
2+12 NE 1/4	4.9	21.3	20.5	C08	3431	" "
3+13 SW 1/4	5.2	21.0	20.7	C03	3450	" "
3+17 NE 1/4	3.4	22.8	21.5	C12	3455	" "
4+58 NE 1/4	2.0	20.2	23.2	C10	3485	" "
4+91	1.3	24.9	23.7	C12	3038	Glendora
} NE 1/4 6-MET.	5+01	1.5	20.7	23.8	C8	3025 " "
						3512 Del Rey
} SW 1/4 6" MET.	5+01	3.4	22.8	22.9	F01	3518 " "
						3538 " "
						3506 " "
		3.3	22.9	23.0	F01	

3038 Glendora
3025 " "
3512 Del Rey
3518 " "
3538 " "
3506 " "

FEDERAL BLVD.
WINNETT - Wly 1045'
⑤ STKS & GRD.S for 8" A.C. WATER

JUNE 7, 1952

DEATTY
SHREY
MARTELL
ALEXANDER

67.

BM	2.51	275.39		272.88	89 W WINNETT & Sly Edge Part of FED. BLVD.		
0+264	8" GV. (CITY)	+0.3	275.7	269.2	C65	272.24 2.15 2	
0+50		1.9	273.5	268.9	C45	272.74 2	
1+00		1.3	274.1	268.5	C56	272.49 2	
1+50		2.2	273.2	268.0	C52	271.78 3.41 2	
2+00		2.6	272.8	267.6	C52	271.61 3.75 2	
2+50		3.0	272.4	267.1	C52	271.14 4.25 2	
3+00		5.1	270.3	266.7	C36	270.66 4.79 2	
3+50		5.45	269.9	266.2	C37	270.19 5.20 2	
4+00		5.2	270.2	265.7	C45	269.74 5.65 2	
4+50		5.6	269.8	265.4	C44	269.36 6.09 2	
	W.M. 4+84 S.	2.8	272.6	269.2	C34		
5+00		6.1	269.3	265.0	C43	269.01 6.28 2	
5+50		7.0	268.4	264.6	C38	268.57 6.82 2	
6+00		6.9	268.5	264.2	C43	268.19 7.26 2	
6+18	FH TEE	8.2	267.2	264.1	C31	267.14 7.80 2	
	⑤ FH	6.24	269.2	268.2	C10, C51		
P 6+50	2.29	270.69	6.99	268.40	267.8	C46	267.79 7.60 2
7+00		2.4	268.3	267.3	C50	267.31 8.08 2	

NOTE
Bottom of pipe
set 4" below
Elev. 50 Edge
Conc. part.
shown
-B

Elev. Sly Edge Conc Part
RIGHT

6/7/52

68

FEDERAL BLVD.
(Cont.d.)

270.69

7+50		2.0	268.7	262.8	C59	266.75 3.92 2
	W.M. 7+70 S					
8+00		4.10	266.6	262.2	C44	266.19 4.50 2
8+50		5.2	265.5	261.7	C38	265.65 3.92 2
9+00		5.0	265.7	261.1	C46	265.09 3.60 2
9+25		4.3	266.2	260.9	C55	264.91 3.78 2
9+50		4.1	266.6	260.7	C59	264.65 6.02 2
9+75		3.4	267.3	260.5	C68	264.88 6.21 2
10+00		5.3	265.4	260.3	C51	264.39 6.30 2
10+50		3.9	266.8	260.0	C68	264.0 6.70 2
	W.M. 10+61 S	0.9	269.8	264.0	C59	
10+70	FH TEE	5.4	265.3	259.9	C50	263.15 6.54 2
	⑤ FH	+1.6	272.3	269.9	C12, C84	
CK 11		6.55	264.10 = 264.14		Cor Hdwall of culv.	

June 10 1954

BEATTY
WHEEL
MARTELL
ALEXANDER

69

KEATING ST.
6" STUB LINES AT { TORRENCE,
PUTERBAUGH
GUY,
LINWOOD

BM 5.02 169.34 164.32

LET Sly Cor Pringle & Linwood

TP 0.22 156.36 13.20 156.14

TP 0.02 143.02 13.36 143.00

SET TP 7.27 135.75

on cor of walk

TP 7.49 148.90 1.61 141.41

TP 12.70 161.07 0.53 148.37

1410

0+00 Top 6" Tee 4.60 155.9 Bot. pipe
156.47 Top pipe

0+00 (2) 0.5 160.6 155.9 C27

0+20 (2) TORRENCE ST.
6" C.I. STUB
To Edge of Pav. 0.8 160.3 156.2 C41

0+21 (2) +2.9 164.0 156.2 C78

TP 0.43 152.81 8.69 152.38

0+00 Top 6" TEE 15.9 136.9 Bot. Pipe
15.2 137.6 Top Bell

0+00 PUTERBAUGH ST 11.4 141.4 136.9 C45

0+21 6" C.I. STUB
To Edge Pav 11.7 141.1 137.2 C39

TP 10.11 142.70 Top. FA. Puterbaugh & Keating

KEATING ST
(Cont'd.)

6/10/54

70

TP	0.39	143.09	142.70		Top FH
0+00	} Top 6" C.I.	11.6	131.5	Bot Pipe	
		10.94	132.15	Top Bell	
0+00 (4)	} GUY ST 6" C.I. Stub.	7.7	135.4	131.5	C39
0+30 (4)		6.0	137.1	132.0	C51
TP	4.92	141.13	6.88	136.21	Nail in pipe pole Guy & Keating.

0+00	} Top 6" C.I.	12.95	128.18	127.5	Bot Pipe
					Top Bell
0+00 (4)	} LINWOOD ST 6" C.I. Stub.	9.7	131.4	127.5	C39
0+30 (4)		6.2	134.9	128.7	C62

KEATING ST.
NEALE To TITUS.

WATER METERS

6/10/54

71

TP	11.58	162.96	152.38		
TP	12.69	175.96	0.69	163.27	
TP	6.81	182.35	0.42	175.54	
0400 = W/ly P.L. NEALE					
1+02 Nly			2.7	179.7	177.7 C20 3754 KEATING
TP	0.43	152.81	152.38		
3+00 Nly			1.4	151.4	152.1 F07 3746 KEATING
4+54 Nly			10.0	142.8	142.3 C05 3710 "
TP	0.39	143.09	10.11	142.70	Top FH
5+44 Nly			2.6	140.5	140.4 C01 3676 1/2, 3676 Keating
5+64 Nly			2.7	140.4	140.0 C04 3670 Keating
7+41 Sly			7.4	135.7	135.3 C04 1741 Guy St
TP	4.92	141.13	6.88	136.21	
9+19 Sly			9.5	131.6	131.1 C05 3605 Keating
9+52 E Sly			10.0	131.1	131.3 F02 1725? Linwood
10+03 Sly			9.4	131.7	131.7 C00 3569 Keating
11+60 Sly			6.8	134.3	133.8 C05 3555 "
TP	13.16	153.97	0.32	140.81	
TP	12.69	166.42	0.74	153.73	
TP	7.17	173.53	0.06	166.36	
CK BM			9.20	164.33 = 164.32	L & T Pringle & Linwood

REDWOOD VILLAGE
PIPELINE
(43) G.R.O.S for 16" C.I. WATER

June 11 1954
BEATTY
JOHNSON
MARTELL
ALEXANDER

72

BM 4.58 326.84 322.26 Prop. Cor. Disc NW Cor. College & Univ. pg. 20
CK 0.32 326.52 = 326.65 Top FH 15' LT 1450 F.B. 863 pg. 1

0+50	Tapping Sleeve, G.V. by City		319.7	
0+60	Begin work	2.8	324.0	319.7 C42
0+89.5'	1/4 PT.	2.7	324.1	319.8 C42
1+00		2.8	324.0	319.8 C42
1+50		2.6	324.2	320.0 C42 ✓
1P 2+00		4.16	328.60	2.40 324.04 319.74 320.2 C42 C47 By Inspector
2+50		3.8	324.8	320.1 320.6 C42 C47
2+79.64	1 1/2 Bend x PT. A = 16° 06' RT	3.3	325.3	320.0 320.8 C45 C53
3+00	2" A.V.A.	3.3	325.3	320.2 321.1 C42 C51
3+50		3.5	325.1	319.9 320.7 C42 C52
4+00		4.1	324.5	319.6 320.2 C42 C50
4+50		4.9	323.7	319.1 C45 ✓
5+00		6.0	322.6	318.0 C46
5+50		7.1	321.5	317.0 C45
6+00		8.2	320.4	315.9 C45
6+50		9.3	319.3	314.8 C45
7+00		10.4	318.2	313.7 C45

REDWOOD VILLAGE P.L.

(Cont'd)

6/11/54

73

328.60

7+50		11.5	317.1	312.6	C15	
8+00		12.7	315.9	311.6	C13	
TP	6.58	322.77	12.41	316.19		Nail in Pole Nor side Rock St 20' from end of curb
8+50		7.9	314.8	310.8	C10	= 9+80 ⁸
8+82	12" GV	8.3	314.5	310.3	C12	= 9+48 ⁸
8+91.75 BK						
8+86.25	16" TFE		9.0	313.8	826 C35 (RESET)	= 9+44 ^{12"} Drain
8+88.52 JH			313.7	310.2		
CK TP		8.70	314.07	= 314.21		TP End curb Nor. Side Rock St. F.B. 863 pg 2
55' TP		0.00	322.77			Nail in pole 10' LT 10+30+
8+92	6.08 16x8" C1035		316.19			
9+00	16x4" B.O. (not set on spur bank)	7.7	312.6	310.1	C15	
				310.0		
9+50		8.8	313.5	310.5 311.5	C20 C30	312.3 8.6 313.7
10+00		5.8	316.5	313.0	C35	
TP	13.19	334.20	1.06	321.21		
10+50		11.6	322.8	317.0	C58	
CK TP		11.63	322.77			
11+00		5.4	329.0	319.0	C100	
11+25	1 1/2" Bend	1.6	332.8	323.5	C125	
TP				320.0		
11+50	12.90	347.10	0.20	334.20	322.7	C105
			10.6	336.5	326.0	
12+00		1.7	345.4	341.9	C74	
TP	12.73	359.63	0.20	346.90	338.0	
12+50		2.4	357.2	352.0	C52	
TP	13.01	372.43	0.21	359.42		
13+00		2.1	370.3	364.5	C58	
TP	12.88	384.43	0.88	371.55		
13+50		1.0	383.4	377.0	C64	
TP	12.56	396.84	0.15	384.28		
13+75		8.3	388.5	382.0	C65	

6/28/54

REDWOOD VILLAGE PL.
(Cont'd.)

6/28/52

74

396.84

14+00		4.6	392.2	386.2	C62	
H	13.21	409.95	0.10	396.74		
14+50		11.7	398.3	393.2	C5L	
14+75		7.5	402.5	396.6	C59	
15+00		4.2	405.8	400.9	C49	
H	12.97	422.25	0.47	409.48		
15+50		7.8	414.7	409.6	C51	
16+00		2.1	420.4	415.6	C28	
16+00 80' BK.		0.9	421.6	416.6	C50 Fly	C55 Sely
16+00		2.97	417.48		C29	Newly
16+09.50 AH.	2 PT	6.4	424.17	419.8	C43	Sely RP. Hub.
H	12.98	430.46	2.6	425.9	C62	Sely C62 Newly
16+25		0.00	430.46	425.1	C52	Sely C68
P16+50	13.76	443.82	11.9	431.9	C52	Sely C68
16+75		6.9	436.9	431.6	C53	Sely C67
P17+00	13.41	456.63	5.5	438.3	C45	Sely C57
17+50		1.4	455.2	451.7	C35	Sely C44
H	12.38	468.51	0.50	456.13	C44	Sely
17+75	11/4 Bend	5.3	463.2	458.0	C52	Sely C5L
17+90		5.4	463.1	458.0	C53	Sely C5L
		5.2	463.3	458.0	C53	Sely C5L
		5.1	463.4			
18+37.42						
8 Tank						
ck		0.80	467.71	= 467.89	Rock	@ gate post

REDWOOD VILLAGE P.L.
Cont'd

6/23/54

75

12" CONC DRAIN LINE

9+488	= 8+82	314.5	308.1	C64
9+808	= 8+50	315.1 314.8	308.0	C68
10+00		315.3	307.9	C74
10+ ³⁷ ₂₅		315.9	307.8	C81

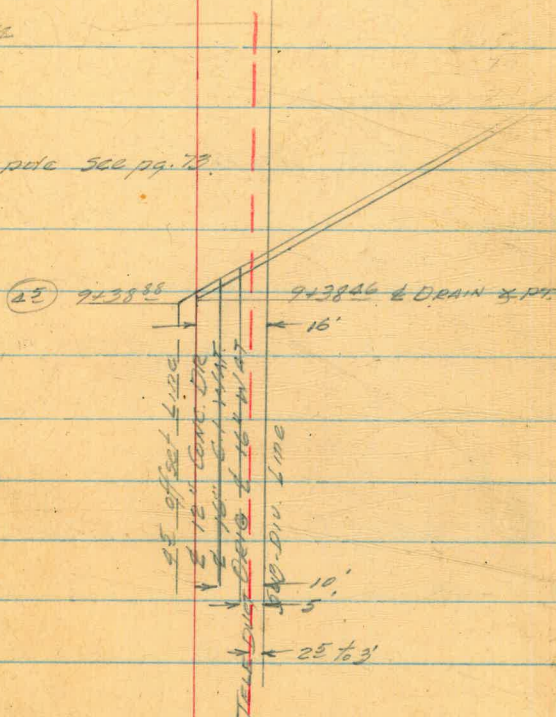
Red. 12.3 Top
1.36 pipe
13.66
07.88
321.54

9+34 2 PT (REV) -6.1 313.7 308.2 C55 6/28/54

July 20, 1954

North on page 500 pg. 73.

TBM	5.35	321.54		316.19		
9+38 ²⁶	Rev	2 PT (Comp.)				
9+38 ⁸⁸	(43)		10.0	311.5	308.2	C33
9+25			7.8	313.7	308.2	C55
8+75			7.6	313.9	310.2	C77
8+50			6.2	315.3	312.2	C31
8+00			1.2	320.9	317.5	C28
7+50	13.11	331.24	0.41	321.13		
7+50			7.5	326.7	317.8	C89
7+25			4.1	330.1	318.0	C121
7+00	12.66	346.25	0.65	333.59	323.88	C97
6+50			4.1	342.2	335.6	C66
6+25	12.67	358.58	0.34	345.91		
6+25			11.2	347.6	341.5	C61
6+00			5.1	353.5	348.5	C50



REDWOOD VILLAGE P.L.

(Cont'd)

(45) 12" Conc. Dr. Line

7/20/54

76

11P	12.98	358.58 370.92	0.64	357.94		
5+50			4.6	366.3	361.5	C48
11P rock	12.87	378.55	5.24	365.68		
11P	13.27	391.56	0.26	378.29	374.5	C45 7/21/54
5+00			12.6	379.0		
4+50			2.0	389.6	384.5	C41
P	12.12	404.43	0.25	391.31		
4+25			11.1	392.3	388.4	C49
4+00			7.2	397.2	391.6	C56
3+50			0.0	404.4	399.6	C48
P	12.95	417.38	0.00	404.43		
3+00			5.6	411.8	407.6	C42
2+75			1.7	415.7	411.6	C41
11P	8.31	425.25	0.44	416.94		
2+50			6.2	419.1	414.4	C47
2+339 BK						
2+351B						
2+364B						
			3.4	421.9	416.4	C55
11P	12.54	430.02	7.77	417.48 = 417.48		SE 25 RP Hub 39.72
2+25			5.6	424.4	419.9 418.4	422.45 (7/23/54)
11P	12.05	441.71	0.36	429.66		
2+00			10.7	431.0	425.6	C54
11P	12.82	454.02	0.51	441.20	423.6	C54

REDWOOD VILLAGE P.L.

(Cont'd.)

(45) 12" CONC. DR. LINE.

7/23/54

77.

454.02

1+50

11.0 443.0

~~437.8~~
436.0~~078~~ C52

1+25

4.7 449.3

~~444.0~~
442.9~~071~~ C53

7

12.85 466.66

0.21 453.81

1+00

11.9 454.8

~~449.0~~
447.0

C58

0+55

3.7 463.0

~~458.2~~
455.8

C48

CK B.P. E. outside

701

271.04

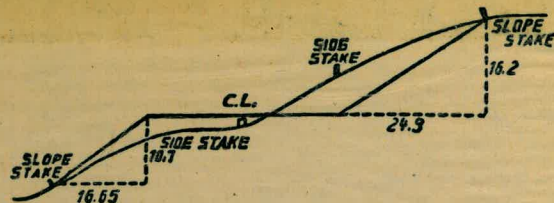
2.63 464.03

At Standpipe?

CK BM

3.31 467.73 = 467.89

Please Return to
 City of San Diego Water Dept.
 Room 903 Civic Center



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

300
 218
 82
 22.82
 3.18

THE NATIONAL BLANK BOOK COMPANY
 HOLYOKE MASSACHUSETTS
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