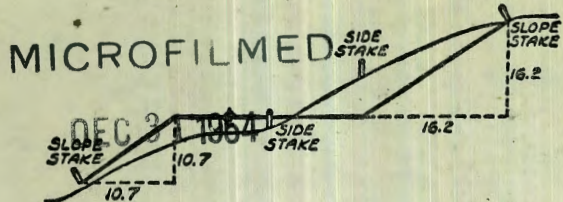


2117



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

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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.

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

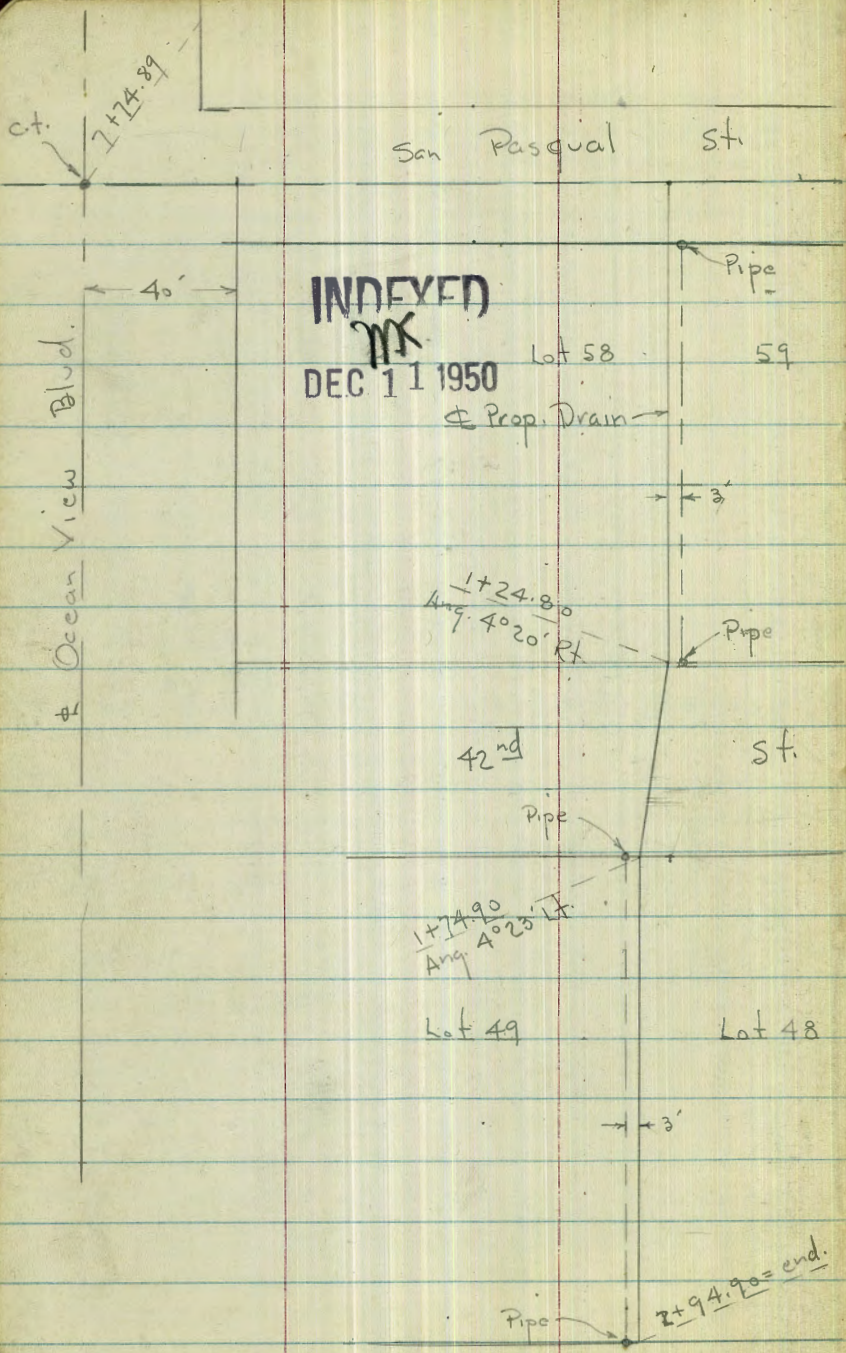
Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.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	1.04	1.29	1.42	1.54	1.66
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

Cross Section San Pasqual + Occorvic Blvd 1-15
 Prop Sewer Lexington Ave 39 1/2 to Thorn 16-24
 Lexington Ave Prop Sewer Connections 25-27
 Thorn - W. Fairmount to Chamoune, prelim. 29-32
 Sewer survey
 47th + Euclid University + Park.
 X Sec Alley B/K 20 Fairmount Add 34
 Levels - Trojan + Sharon Pl. to new School 45
 El Cajon to meade P 49
 Levels on Park Blvd - East Side
 " " " " W side 300' N. of Normal - 56

Sewer Line Change Lexdis + Euclid Aves 61-74



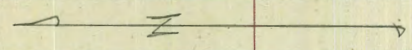
INDEXED
 MK
 DEC 11 1950

Lot 58 59

Prop. Drain

15 20

⊕ = Base Line
 (used for sections)



Ocean View Terrace
 Map. 2641

SL. of Sub.

1+24.80
 Ang. 4°20' RT

1+74.90
 Ang. 4°23' LT

Lot 49

Lot 48

2+94.90 = end.

X-Sect San Pasqual - along E. boundary
of Ocean View Terr. - Map. 2641

4822

w.o. 25020

0+50

0+20 - 30' Rt. = \pm of Wly. of A.C. slab.

0+17 - 13' Rt. = \pm Tel. pole # 456497-H

0+00 = S.L. of Sub.

30' Rt. = Wly. of Lawn Entire Length

0-50

0-100 - Shows low spot.

+ 15' from W.L.

Note Base Line shown as \pm is 20' from E.L.

11.60 42.97 ✓ 6.71 31.37 ✓

3.87 38.08 ✓ 8.20 34.21 ✓

B.M. 0.48 42.91 ✓ 42.43

Lt.

\pm = Base
Line

Rt.

2

39.6	40.4	41.3	41.2	41.9
3.5	2.6	1.7	1.8	1.1
25	15		20	30
36.6	39.9	40.8	40.3	41.5
6.4	3.1	2.2	2.7	1.5
40	15		20	30 = Lawn
38.2		38.9		39.9
4.8		4.1		3.1
15				20
	36.1	37.4	38.2	
	4.3	5.6	4.8	
	15		20	

42.65
0.34
30
on
slab

42.97 ✓

B.P. in Culvert E. of San Miguel on N. side
Ocean View.

Lt.

Rt.

3

3+68' - 1' Rt. = ± Tel. pole # 456495 H

3+50

34.1	34.6	36.0	36.2	36.9
9.4	9.3	7.9	7.7	7.0
25	15		20	30

3+00

36.6	38.1	39.6	39.2	39.1	41.4
7.3	5.8	4.4	4.7	4.2	2.5
25	15		14	20	30

2+50

39.6	40.6	41.6	41.2	42.1
4.3	3.3	2.3	2.7	1.2
25	15		20	30

T.P. 1.72 43.94 ✓ 0.75 42.22 ✓

2+00

39.9	41.3	43.94 ✓	42.2	42.8
3.1	1.7	0.7	0.8	0.2
25	15		20	30

1+93' - 1.1' Rt. = ± Tel. pole # 456496 - H

1+50

40.1	42.4	42.3	42.2	42.8
2.9	0.6	0.7	0.8	0.2
25	15		20	30

1+00 = sly of AC slab - same as lower - 30' pt.

40.3	41.0	42.1	41.8	42.9
2.7	2.0	0.9	1.2	0.1
25	15		20	30

42.97 ✓

Lt. ± Rt

6+00

35.0	35.1	35.4	35.6	36.6
7.4	7.3	7.0	6.8	5.9
25	15		20	30

5+50

34.1	34.1	35.3	35.4	36.32
7.7	7.7	7.1	7.0	6.10
25	15		20	30 = on A.C. slab.

5+43- 1' - Rt = ± Tel. pole # 456494-17

5+00

34.6	34.4	34.6	34.8	35.1
7.9	8.0	7.8	7.6	6.7
25	15		20	30

4+80 = ± of Waterway at ±

34.1
8.3

T.P. 8.17 42.42^v 9.69 34.25 = Prop pipe opp. 42.42^v

4+62.89 = 0+00 of Prop. Drain to W.

34.4
9.5

4+50

34.0	34.3	34.4	34.8	36.79
9.9	9.6	9.5	9.1	7.65
25	15		20	30 = on A.C. slab.

4+00

33.9	34.0	34.1	34.8	34.9
10.0	9.9	9.2	9.1	9.0
25	15	43.94 ^v	20	30

Lt. # Rt.

check BM. 0.00 42.42 ✓

7+54.9 = cb. to W.

7+46.4 = Back of Poll cb. to E.

7+36.7 = Beg. chx + A.C. pave

7+34.89 = S.L. Ocean View to W.

7+19 = 1' Rt = Tel pole # 456493 - H

7+00

6+50

37.01	36.04	36.98	36.22		
5.35	6.38	5.44	6.20		
43.5	43.5	21.5	21.5		
Top cb.	grate	Top = Ret.	got.		
	± 20 opening Inlet				
	37.08	36.82	36.75	36.11	36.74
	5.34	5.60	5.67	5.65	5.63
	2.7	2.7	11	20	31
	Top Ret.	got.	on Sewer M.H.	got.	Top
	36.3	36.4	37.16	36.96	36.96
	6.1	6.0	5.26	5.46	5.46
	15	5	Top cb + Pave	10	20 = got on Pave
	36.1	36.4	36.1	36.9	37.10
	6.3	6.2	5.7	5.5	5.3
	25	15		20	30
	35.8	35.1	35.6	36.2	36.9
	6.6	6.7	6.8	6.2	5.5
	25	15		15	20
					4.32
					30 on A.C.
	35.2	35.4	35.3	36.0	36.1
	7.2	7.0	7.1	6.4	6.3
	25	15	42.42 ✓	20	30

Lt. ± Rt.

Req. Levels along ± of Prop. Drain
Shown on sketch - P. 1

1+14.5 - 6.5 Rt. = end House = Cor. Gar.

1+00

0+89 - 21 Lt. = Cor. House

0+89 - 3.3 Lt. = end fence

0+82 - 3.3 Rt. = Req. 17 Forms for Conc. walk

0+75 - 9.3 Rt. = Cor. House

0+50

0+15 = W.L. - 3.2 Lt. = Req. Cyclone fence

0+00 = 4+62.89 on San Pasqual Base Line

4.32 38.57 ✓

34.25 ✓ = Prop. pipe - P. 4

38.57

34.0
4.6
21
along House

33.9
4.7
3.3
Top form

34.25
4.6
6.5 at Cor.
3.3
6.6
along Gar.

34.0
4.28
8.6
Sly. Conc. Dr.

34.36
4.21
3.3 = Top
3.54
5.8 = Top Conc. Porch

35.03
3.38
4.7
9.3 = at Cor.

33.9
4.7
15
wash

34.4
4.2
15
wash

34.2
4.4
17
wash

34.5
4.1

T.P. 444 38.28 ✓ 473 33.84 ✓

2+00

1+90 = 1.9' Lt = Cor. House

1+85 = 10.7 Rt = Cor. Gar.

1+74.90 = Ang 4° 23' Lt Tang. Sect. 90° to forward

1+67.9 = w. cb.

1+50

1+31.7 = E. cb. 4th

1+24.80 = Ang 4° 20' Rt. - Sect. 90° to back

Lt. # Rt. 7

33.9	33.9	33.8
4.7	4.7	4.8
2 along House		10.8 = along House
34.0		34.08
4.6		4.6
1.9 = at Cor.		10.7 = at Cor.
		12.9 = edge Conc Dr.
33.6	33.6	33.61
5.0	5.0	4.90
15		11.7 = edge Conc Dr.
32.70	33.39	33.56
5.87	5.18	5.07
25	25	25
got	Top	Top
		9.4
		5.68
		10 = edge Dr.
		4.88
		25
		25
		got
33.18	33.56	33.53
5.39	5.21	5.04
25		25
32.69	33.38	33.56
5.88	5.19	5.02
25	25	25
got	Top	Top
		9.4
		5.69
		4.3
		edge Dr. - Top
		4.87
		25
		25
		got
33.6	33.8	33.61
5.0	4.8	4.90
15		7.5 = slv. Dr.
	38.57 ✓	

Lt.

E

Rt.

8

Reduced By
C.R. Lockhead
12-11-50

channel
2+94.90 = end - at U.S. Lot. line = E of

21.0
11.3
50

21.2
11.1
25

21.4
10.9

21.1
10.6
25

21.8
10.5
50

2+70 = Toe = edge of channel

21.0
11.3
15

21.2
11.1

21.4
10.9
15

2+57 = Top bank

33.6
4.7
15

33.1
4.6

33.1
4.6
15

2+29 = 10.7' Rt. = end House

33.6
4.7
15

33.9
33.1

33.1
4.6

33.8
4.5

2+16 = 2' Lt. = End House

4.4
2 = at
Cor.

10.7 = at
Cor.

38.28

Add outs along San Pasqual St
 = Extend Exist Sections - P. 2 to 5

0+10.7 - 30' Rt. = Beg. A.C.

0+00

0-39.2 - 29.8 Rt. end A.C. slab.

0-50

Lines - 4-4"x4" Posts in wly edge of A.C.
 0-60 - 29.9 Rt. = Beg. A.C. Slab for clothes

0-100

3.29 44.32 5.78 41.03

B.M. 12.56 46.81 34.25 = Lot Pipe - P. 4

Lt

32.7
 11.6
 60
 Level Lawn
 to House

35.9
 8.4
 40

36.0
 8.3
 40

= Base Line
 (not True #)
 see sketch - P. 1 9.

Rt

42.46 42.57 42.89
 1.86 1.75 1.43
 30 35 50 = Bldg.
 Cor.

4.9
 2.4 4.0
 35 45

42.10 42.17 42.42 42.45
 2.22 2.15 1.90 1.89
 29.8 35 45 50
 Cor. A.C. Bldg.

42.04 42.19 42.44
 2.28 2.13 1.88
 29.9 35 45

41.86 42.02 42.25 42.35
 2.46 2.30 2.07 1.97
 29.9 35 45 50 =
 Cor. at Cor.
 A.C. Bldg.

40.4 40.9
 3.9 3.4
 35 45

44.32

1+72.3 - 29.9 Rt. = Beg. A.C.

1+50

1+22.3 - 29.9 Rt. = end A.C.

1+01.5 - 29.9 Rt. = Beg. A.C.

1+00

goes to E.

Incinerator = end of conc. walk to S. - walk

0+66.5 = 43.5' Rt. = Wly. + E of 3x3 Brick

0+50

50' Rt. = Ely. of 2' conc. walk to N.

0+31.5 - 30 Rt. = end A.C.

Lt.

#

Rt.

10

89.4

4.9
40

33.5

11.0
60

37.5

6.8
40

38.7

5.5
40

38.7

43.18

1.4
29.9
Cor.

42.85

1.49
29.9
Cor.

42.60

1.72
43.5 =
Base

42.53

1.79
30
Cor.

44.32

43.26

1.06
35

42.8

1.5
35

42.88

1.44
35

42.9

1.4
35

42.65

1.67
50.2 =
Ely. walk.

42.60

1.72
35

43.43

0.89
50.7
Bldg.

42.9

1.4
45

43.10

1.22
50.1
Bldg.

43.0

1.3
45

42.97

1.35
50
on Walk

3+50

3+00

2+83.8 - 29.8 Rt. = end AC

2+63 - 29.9 Rt. = Beg. AC

2+50

T.P. 2.47 44.48 2.31 42.01

2+00

2 Conc. walk

1+93.1 - 29.9 Rt. = end AC 50.2 Rt. = Beg. Ely

L

33.7

10.8
40

53.1

11.4
60

35.1

9.4
40

58.5

6.0
40

33.5

10.8
60

39.4

5.1
40

44.48

R

37.3

7.2
35

41.6

2.9
35

42.86

1.62
29.8
Cor.

42.91

1.57
29.9
Cor.

42.7

1.8
35

44.32

45.11

1.15
29.9 = Cor.

Rt.

38.1

6.4
45

41.9

2.6
45

43.09

1.39
50
Bldg.

43.13

1.35
50
end Ely
walk

43.07

1.41
48.2
walk

43.3

1.0
45

43.32

1.00
35
50.2
walk

11

5+37.5 - 30' Rt. = Beg. A.C. - 50.2 Rt. = end Fly. of walk

5+03.2 - 43.2 Rt. = ± wly. 3x3 Brick Incinerator

5+00

4+67.8 - 29.6 Rt. = end A.C. - 50' Rt. = Beg. Fly. 2' walk

4+50

4+47 - 29.6 Rt. = Beg. A.C.

4+00

H.

A

Rt.

12

36.21

8.27
30
Cor.

35.86

8.62
43.2
Base

34.2

10.3
40

36.50

7.98
29.6
Cor.

34.1

10.4
40

36.18

8.30
29.6
Cor.

33.8

10.7
40

36.28

8.20
35

35.90

8.58
48
walk

35.9

8.6
35

36.50

7.98
35

36.35

8.13
35

36.29

8.19
35

34.9

9.6
35

36.48

8.00
50.2 = walk
at Bldg.

36.02

8.58
50
walk

36.0

8.5
45

36.58

7.92
50 = walk

36.53

7.95
45

36.58

7.90
50 =
Bldg.

35.0

9.5
45

44.48

6+99.3 - 30' Rt. = Beg. AC. + 50.1 Rt. = end Ely. of walk

6+91 - 18' Rt. = ± 18" Olive

6+68 - 18.8' Rt. = ± 20" Olive

T.P. 5.49 40.90[✓] 9.07 35.41[✓]

6+50

6+29.3 - 30' Rt. = end AC. - 50.1 Rt. = Beg. Ely. 2 walk

6+08.5 - 29.9 Rt. = Beg. AC.

6+00

5+58.3 - 30' Rt. = End. AC.

5+50

35.7 Lt. 5.2 40 = for 7⁺00 Too

3814 2.76 30 Cor. 2.69 35 2.61 50.1 = walk at Bldg. 3829 Rt. 3829

35.2 9.3 40

36.3 8.2 35 37.0 7.5 45 37.02 7.46 48.2 37.03 7.48 50.2 walk

40.90[✓]

36.83 7.65 30 Cor. 36.98 7.50 35 37.11 7.37 50.1 = walk

36.94 7.54 29.9 Cor. 36.97 7.51 35 37.18 7.30 50.1 Bldg.

34.9 9.6 40

36.9 7.6 35 37.0 7.5 45 37.02 7.5 45 36.98 7.5 45

36.39 8.09 30 Cor. 36.45 8.03 35 37.02 7.80 50.2

36.34 8.14 35 36.92 7.92 45

40 = in yard. See p. 4

44.48[✓]

See sketch - P. 15 for cb. location

check B.M.

+ 1.52 = 42.42 ✓

B.P. in Culvert

7+64.9 = sly. of Conc. Pave

36.95	36.75	36.79	36.87	37.10	37.21	37.48	37.77
3.95	4.17	4.11	3.93	3.80	3.69	3.44	3.18
80	43.5	20		20	35	70	110

7+54.9 = cb. line to Lt.

37.10	36.00	37.51	37.09	36.04	37.04	36.32	36.65	36.90	37.10	37.29	37.64
3.40	4.90	9.39	3.81	4.86	3.86	4.58	4.27	4.00	3.80	3.61	3.26
Top = 54	43.5	FE	Top = 33.5	20	20	20	20	20	35	70	110
end cb.	gut	Box	edge of opening	Top = 20	20	20	20	20	35	70	110
				20 Rad.							

on Rt.

7+46.4 = Line of Back of 1.5' Conc. Rolltype cb.

Sect. Cont. from P. 5

37.33	37.02	37.77	37.46
3.57	3.88	3.13	3.44
70	gut = 110	110	gut.
Top = back edge	97 ft.	Top	gut.

7+36.4 = Beg. cb. = end 20' Rad. Ret. on Lt.

7+35.9 = Beg. cb. = end 10' Rad. Ret. on Rt.

Rods - P. 6 are o.k.

7+34.89 = S.L. Ocean View to w.

36.5	36.1	37.3	37.4
4.4	4.8	3.6	3.5
70	40	35	45

7+19.5 - 29.9 Rt. = end A.C

7+16 - 18 Rt. = ± 24" Olive

38.06	38.17	38.35
2.84	2.73	2.55
29.8	35	50 = bldg.

40.90 ✓

To Inlet on N. side
4 18" RC. Pipe

Ocean View Blvd.

Concr. Pavt

0

0

A.C. Pavt

1.5' Roll type cb.

10' Rad.

Broken Pavt

San

Pasqual

100'

15

20

End of cb.

40'

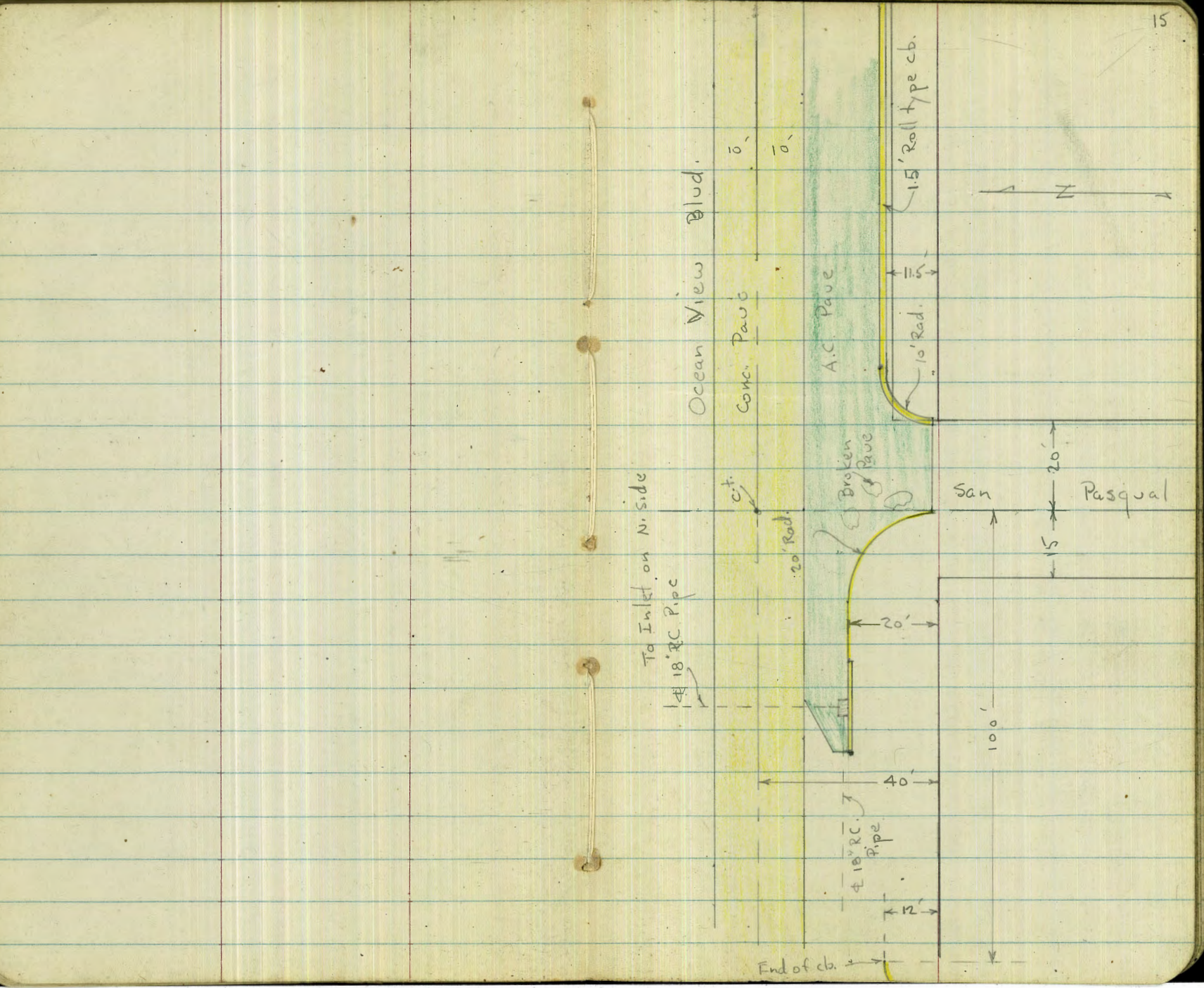
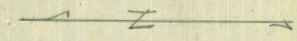
4 18" RC. Pipe

2'

20'

20' Rad.

ct.



5+00.68 = $\Delta 13^{\circ} 25'$
H. 150 Ely Bot. Wash

+09
+50
+75
+79 = Bot. Wash

6+0
+08
+50

IP 1270 $\langle 189.62 \rangle$

7+0
+14

+20
+30

+50
8+0

+55 = Bot. Wash

+70
9+0

+16
+50 = Bot. Wash

72 171.6 ✓

49 173.9 ✓

40 174.8 ✓

29 175.9 ✓

54 173.4 ✓

41 174.7 ✓

23 176.5 ✓

17 177.1 ✓

191 $\langle 176.97 \rangle$ 07 Mon
26+5550

113 178.3 ✓

108 178.8 ✓

128 176.8 ✓

104 179.2 ✓

96 180.0 ✓

77 181.9 ✓

70 182.6 ✓

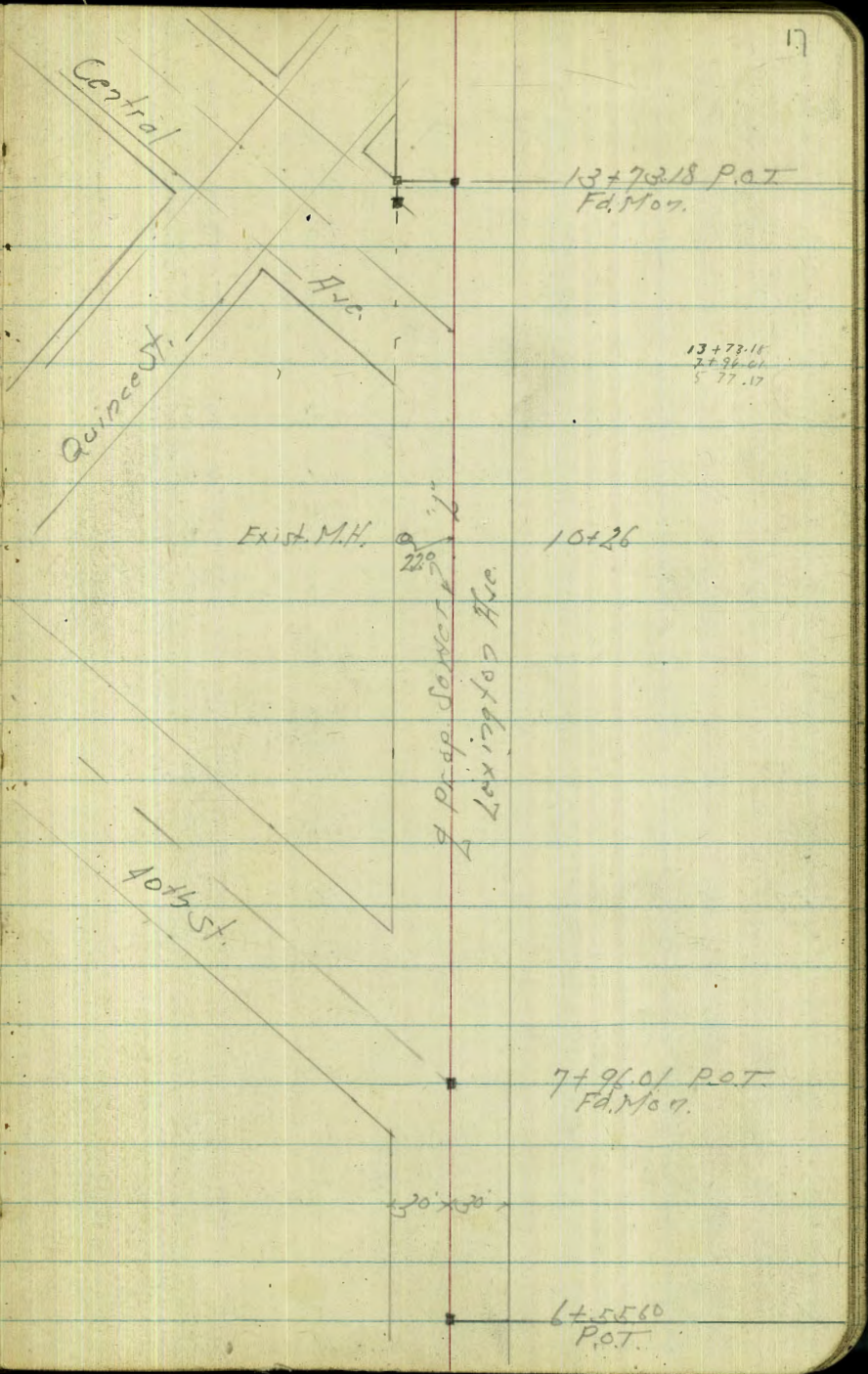
88 180.8 ✓

66 183.0 ✓

49 184.7 ✓

42 185.4 ✓

53 184.3 ✓



13+73.18 P.O.T.
Fd. Mon.

13+73.16
7+96.01
5 77.17

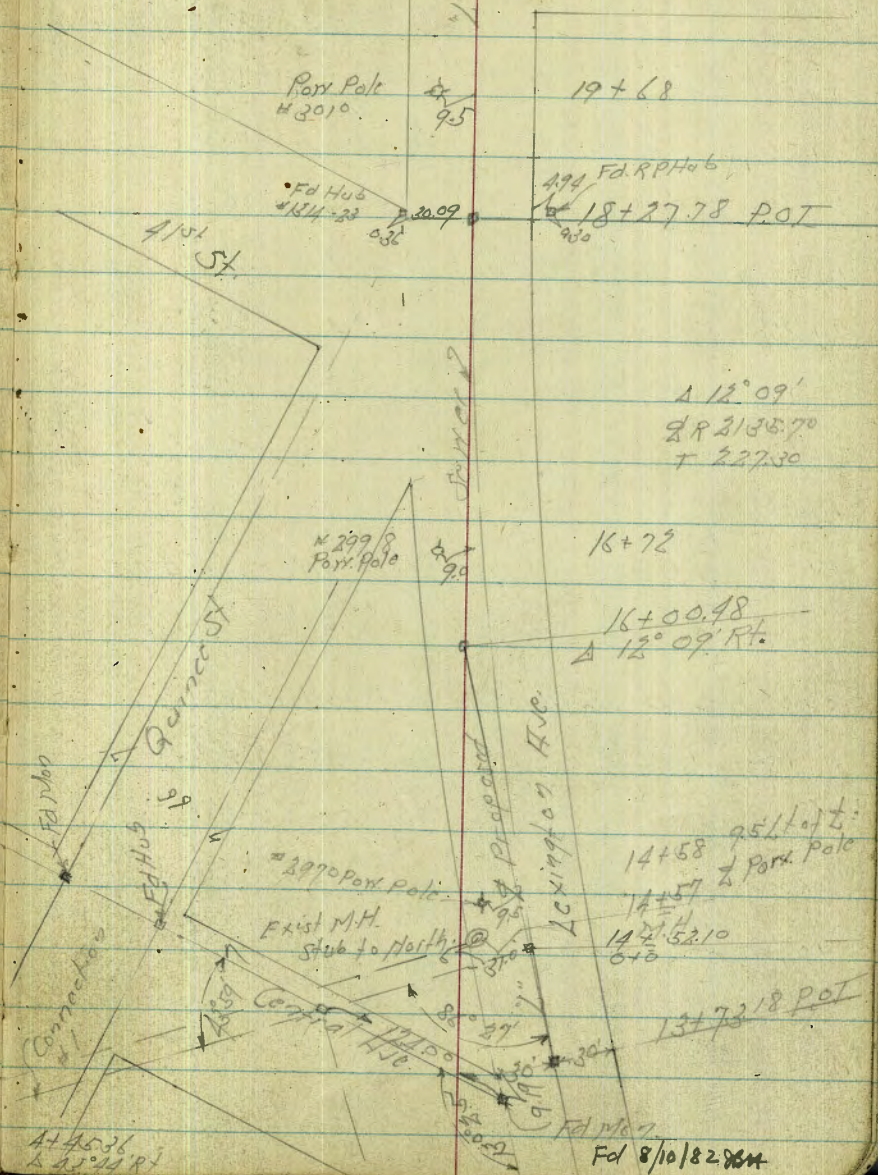
Exist. M.H.

10+26

7+96.01 P.O.T.
Fd. Mon.

6+55.60
P.O.T.

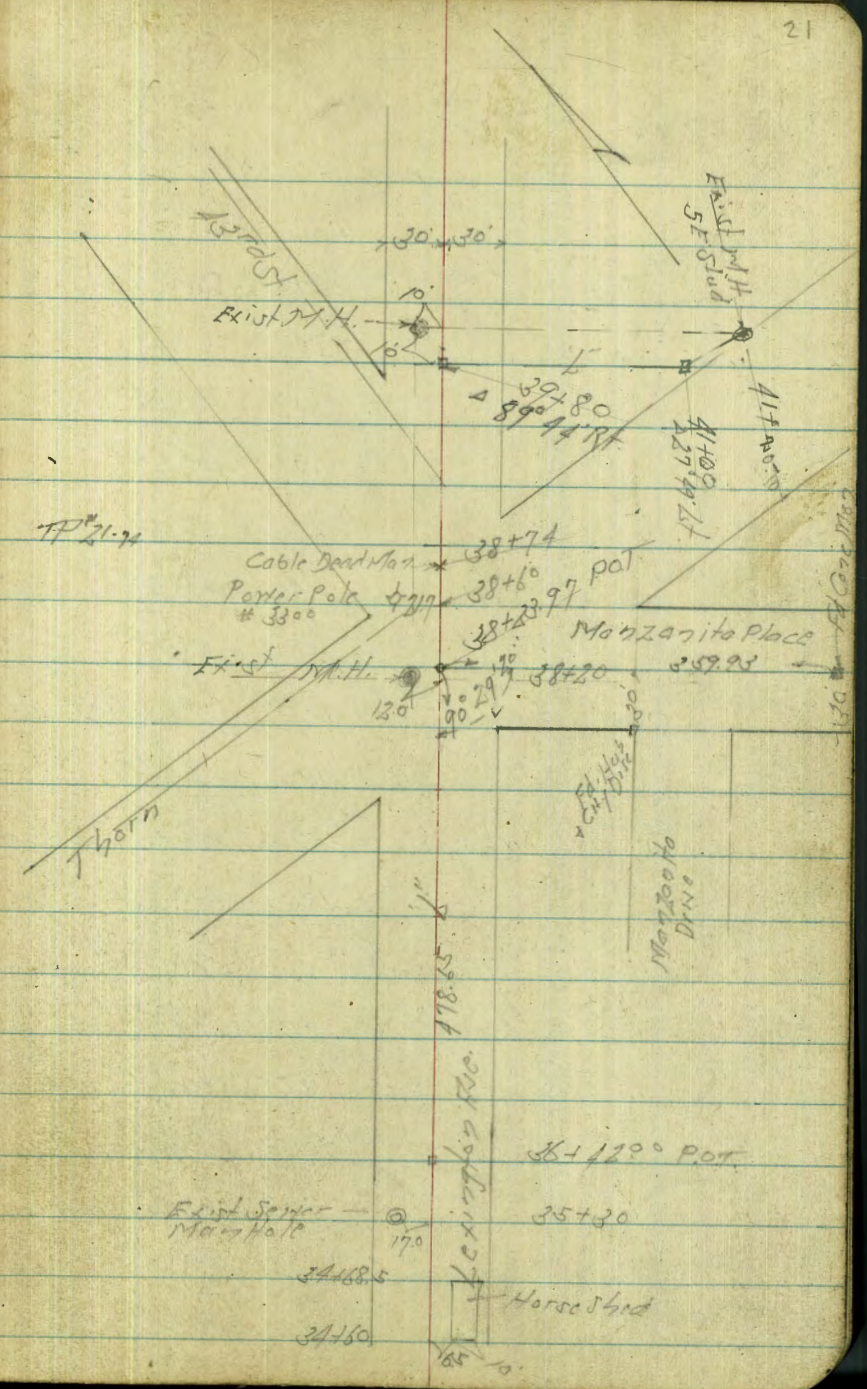
	(189.62)		
9+62		36	186.0 ✓
10+0		18	187.8 ✓
+18		27	186.9 ✓
+27		16	188.0 ✓
TP	11.82	(200.76)	0.68 (188.94) ✓
+50		11.9	188.9 ✓
11+0		11.2	189.6 ✓
+18		10.2	190.6 ✓
+22 = Bot. Mark		121	188.7 ✓
+30		111	189.7 ✓
+50		10.8	190.0 ✓
12+0		9.9	190.9 ✓
+37 = Bot. Mark		9.6	191.2 ✓
+50		81	194.7 ✓
+75		58	195.0 ✓
13+0		50	195.8 ✓
+50		3.4	196.4 ✓
BM		466	(196.10) ✓
TP	14.76.18	942	(208.02) ✓
14+0		97	198.3 ✓
+50		81	199.9 ✓



N.E. Property
Lexington
Central
19130
#1814-42

Fol 8/10/82884

TP	12.27	$\langle 220.77 \rangle$	248	$\langle 228.29 \rangle$
24+45.5	9.0' Ho of $\frac{1}{2}$ - M.H.		11.82	228.74
	Stub N. of M.H. Cover Sealed			
+50			11.7	228.9 ✓
+81			10.6	230.0 ✓
+86	Bottom Wash		11.9	228.7 ✓
25+0			10.6	230.0 ✓
+50			9.2	231.4 ✓
26+0			7.3	233.3 ✓
+50			5.4	235.2 ✓
27+0			5.1	235.5 ✓
+38			5.5	235.1 ✓
+40	Bottom Wash		7.2	233.4 ✓
+50			5.4	235.2 ✓
+67			3.6	237.0 ✓
28+0			3.7	236.9 ✓
+27	Wash		3.8	236.8 ✓
+50			2.7	237.9 ✓
TP	10.70	$\langle 249.19 \rangle$	207	$\langle 238.49 \rangle$
29+0			6.6	242.6 ✓
+20			8.4	245.8 ✓
"	17' St of $\frac{1}{2}$ Wash		8.8	238.4 ✓



Lexington F.C.

249.19 ✓

29+50		40 245 ✓
+72.5	8.8 110/2 = S.M.H.	5.47 243.72 ✓ C 500/x 07 PM
"	"	12.77 235.42 ✓ 12 vert
"	11 1/4	13.47 236.12 ✓
"	11 1/4	11.57 237.62 ✓
+93		6.7 242.5 ✓
30+0		6.1 243.1 ✓
+28	11 1/4 wash	5.4 243.8 ✓
+50		20 247.2 ✓
TP	13.08 {261.18} ✓	10.9 {248.10} ✓
+61		11.9 249.3 ✓
"	50 ft of 2 1/4 wash	15.2 246.0 ✓
31+0		12.6 248.6 ✓
"	80 ft of 2 1/4 wash	14.6 246.6 ✓
+15		9.9 251.3 ✓
"	12 ft of 2 1/4 wash	13.9 247.3 ✓
+52	20 ft of 2 1/4 wash also 1 1/4 wash	10.52 250.66 ✓ 07 PM
"		17.97 243.21 ✓ 10 vert
+62.45	Δ 7' 44"	1.62 259.56 ✓ 07 PM
+91		8.2 253.0 ✓

1135

46

54

150 ft

Fairmount.

<261.18>

32+0		88	252.4 ✓
+50 = Bottom Mark		74	253.8 ✓
+72		65	254.7 ✓
+86		18	259.4 ✓
33+0		19	259.3 ✓
+30 = Bottom Mark		40	257.2 ✓
TP	13.25	117	<260.0> ^{on 24 Feb} _{33+153 Pat.}
+50		126	260.7 ✓
+68		110	262.3 ✓
34+0		112	262.1 ✓
+32		111	262.2 ✓
+60		72	266.1 ✓
35+0		43	269.0 ✓
"	13 Lt of 2 Fly Bars	94	263.9 ✓
+50	17 Lt of 2 M.H.	809	265.19 ^{on Rim}
"	" "	14.17	259.09 ^{invert}
+32		27	270.6 ✓
+50		31	270.2 ✓
+80		48	269.1 ✓
TP	1300	251	<270.75>

<283.73>

36+0		141	269.6 ✓
"	15 Lt of 2 Bars	165	267.2 ✓
+17		126	271.2 ✓
+25		92	274.6 ✓
+50		26	281.2 ✓
37+0		68	277.0 ✓
"	21 Lt of 2	78	276.0 ✓
"	34 Lt " " = Bot. Mark	122	271.6 ✓
+21		75	286.2 ✓
+24 = Bot. Mark		101	273.6 ✓
+30		71	276.6 ✓
+50		47	279.0 ✓
+75		58	278.0 ✓
38+0		55	278.2 ✓
+15 = TOP 16 Gal. Water PIPE		7.30	276.45 ✓
+20	120 Lt of 2 M.H.	3.38	280.39 ^{on Rim}
"	" "	14.09	269.66 ^{invert}
+14		29	280.8 ✓
+50		52	278.6 ✓
+60		26	281.2 ✓

$\langle 283.75 \rangle$

38+74 1.1 282.6 ✓
 TP 11.17 $\langle 294.64 \rangle$ 0.38 $\langle 288.47 \rangle$
 +85 6.2 288.4 ✓
 " 12.0 6 1/2 14.6 280.0 ✓
 39+0 5.1 289.2 ✓
 +35 9.5 290.1 ✓
 " 11.0 4 1/2 10.7 283.9 ✓
 +50 5.8 288.8 ✓
 +80 Δ 89° 44' RI 47.0 289.94 ✓
 " M.H. 1/4 49.5 289.69 ✓
 40+0 0.7 293.9 ✓
 " 10.0 4 1/2 4.3 290.3 ✓
 TP 12.66 $\langle 306.72 \rangle$ 0.68 $\langle 294.05 \rangle$
 +27 8.7 298.0 ✓
 +50 6.0 300.7 ✓
 " 10.0 4 1/2 10.1 296.6 ✓
 +80 5.4 303.3 ✓
 41+0 2.0 304.1 ✓
 " 10.0 4 1/2 5.5 302.2 ✓
 +20.70 = Ex. of M.H. 0.80 305.92 ✓

$\langle 306.72 \rangle$

41+20.70 - M.H. 6.34 300.38 12x0.1

TP 10.60 $\langle 312.91 \rangle$ 4.41 $\langle 302.31 \rangle$

B.M.

42.5 $\langle 308.66 \rangle$
 N.E. 8P
 7.50
 1314.24

Proposed Sewer Connection #1
Lexington Ave. to North of Quince
Sketch Page 18

INDEXED

March 28. 51
F. S. Simon
Garber
Roror
Bertolucci

25

MAY 4 1951

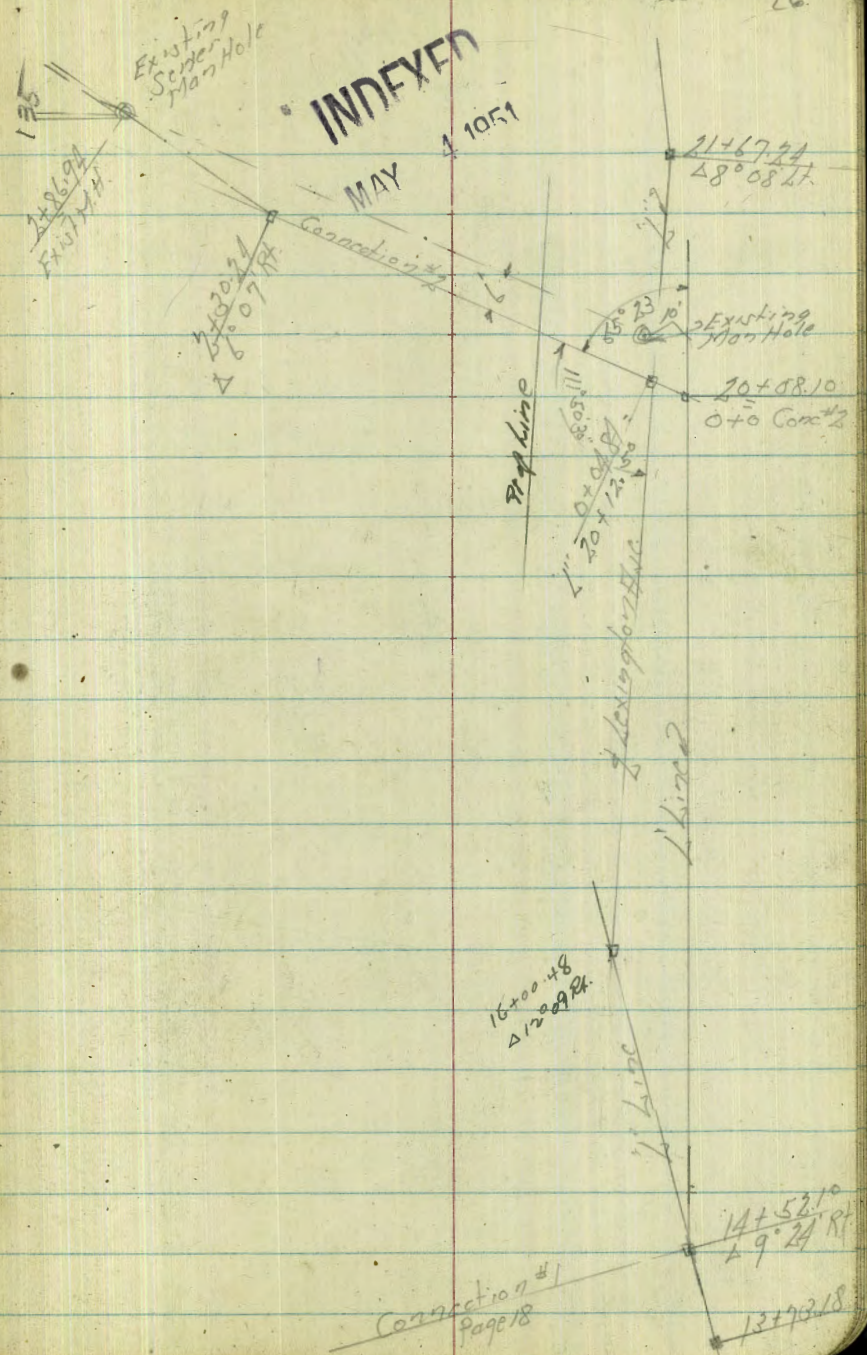
(219.62)

BM	9.02	(207.62)	198.60	13+72.15	2+30	0.3	219.3
0+0	= 14+52.10		7.25	200.27	on Stab	TP	11.44
+46			8.7	198.9		+50	12.4
+50	= Bottom Wash		11.4	196.2		+63	9.9
+65			4.2	203.4	3+0 P.O.T.		5.95
+82			7.0	200.6	"	180 Pt of 2 = Bottom Wash	11.7
+90			4.4	203.2		+17	4.7
1+0			7.0	200.6		+44	7.8
+10			6.4	201.2		+73	0.7
+16			2.4	205.2		+40	2.2
+25			3.2	204.4		+22	2.7
+28	= Bottom Wash		5.6	202.0		+45 26.4 42° 44' Pt.	0.4
+36			1.3	206.3		TP	2.90
TP	12.66	(219.62)	0.66	(206.96)		+54.00 = Exit Manhole	0.20
+65			5.1	214.5		"	6.46
"	6' Pt of 2 = Bottom Wash		11.4	208.2			216.46
+88			3.6	216.0			Invert.
2+0			4.3	215.3			
"	240 Pt of 2 = Bottom Wash		7.9	211.7			

Proposed Sewer Connection #2
 Lexington Ave North Between 41st St.
 and Marlborough Ave.

March 28 '57 26

BM	B. of	(228.26)	(215.29)	on Rim M.H. 15' at 20+215 Page 20	
0+9	= 20+08.10		1250	N 13.16	
+22	= Bottom Mark		148	N 13.5	
+50			114	216.9	
+73			68	221.5	
+90	= Bottom Mark		85	219.8	
+10			72	221.1	
+25			26	225.7	
+50			23	226.0	
"	8' R of 1/2 Bottom Mark		57	222.6	
TP	707	(235.33)	001	(228.25)	
+90			54	229.9	
2+0			53	230.0	
"	5' R of 1/2 Bottom Mark		102	225.1	
+20			64	228.9	
+30.24	Δ 6°07' Rt		564	229.68	on Stub
+46			50	230.3	
+60			57	229.6	
+86.94	= Existing M.H.		276	222.56	on Rim
"			728	227.56	toward



(261.57)

3458	Top Bank	76	254.0	✓
+58	Bottom Wash	89	252.7	✓
+66	Top Bank	76	254.0	✓
489.02	A 14° 18' RT	687	254.70	oz Rim
+91		65	255.1	✓
4+07	4' RT of 1/2" 1/4" Pepper Tree			
+13.48	= MH	418	257.39	oz Rim
"	" "	974	251.83	17 cent

Roberts
Cata
Worce
Tullin
5-2-51
W.A. 20973

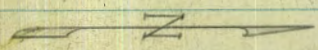
Preliminary Sewer Survey to Replace
Existing Sewer in Thorn St
(west of Fairmount to Chamoun)

see Pg 21 This FB

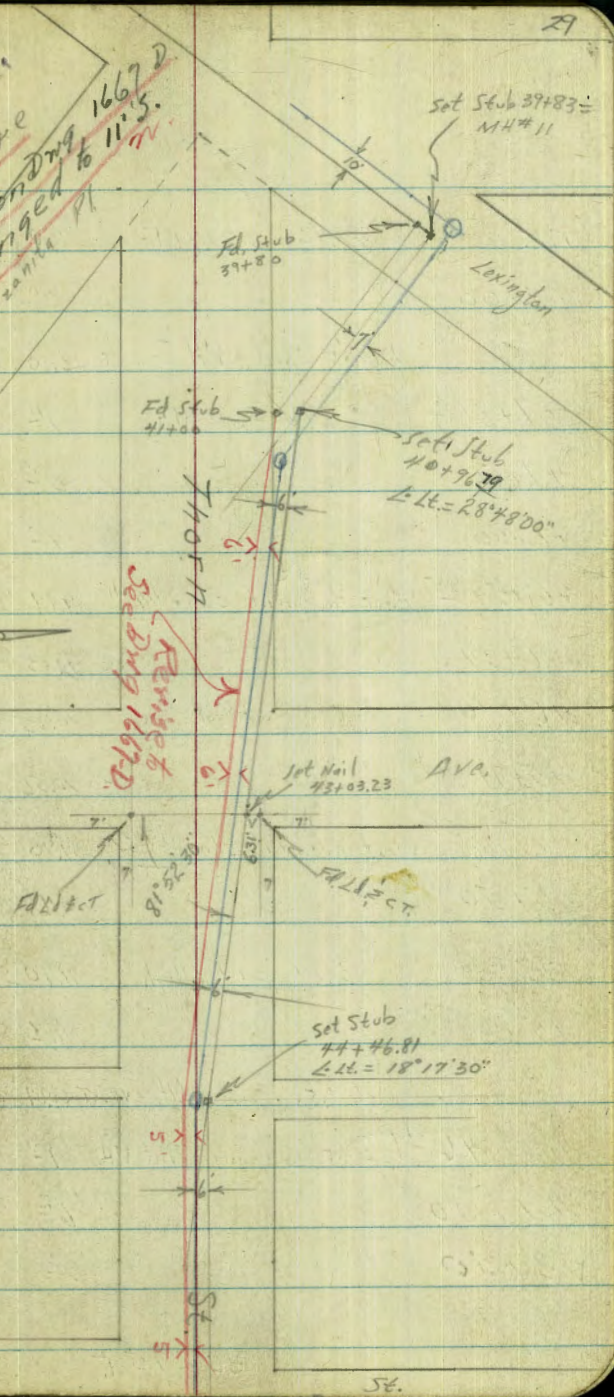
43+10.4	0.3' Lt to Curb End END PAVEMENT (10' Curb Radius)	1.74	318.71 ✓
43+03.23	2° Lt to Curb	1.78	318.67 ✓
42+80		1.77	318.68 ✓
42+59.2	W. Cb.L. Fairmount Gutter 2.88 Curb 2.46	1.78	317.57 ✓
42+50		2.8	317.6 ✓
T.P.	6.00 (320.45) T	1.85	314.75 ✓
42+00		2.8	314.0 ✓
41+50		7.0	309.3 ✓
41+21.54	Opposite East. NH	10.6	305.1 ✓
T.P.	8.45 (31630) T	0.35	309.85 ✓
40+96.78	Lt Lt	4.8	303.4 ✓
40+50		8.5	299.7 ✓
40+00		15.3	292.9 ✓
39+83 = NH #11		19.5	288.1 ✓
T.P.	0.42 (308.20) T	12.54	327.78 ✓
T.P.	0.15 (320.32) T	12.73	320.17 ✓
BM	100 (333.20) T	332.00	NWBP Myrtle E Fairmount

INDEXED

MAY 4 1971
Note: These levels were
used for Profile on Dwg 1667 D
but location changed to 11' 5"
N. of Main St



Fairmount



44th

T.P.	12.82	$\langle 327.4 \rangle$	0.10	$\langle 314.59 \rangle$
48+00			02	314.7 ✓
	6 Rt Exist MH INVERT		13.80	300.89 ✓
47+81 ²⁰	Opposite Exist MH		14	313.3 ✓
47+50			3.8	310.9 ✓
47+00			7.5	307.2 ✓
46+54 ²⁵	East Pavement Edge ^{AC} 44th		9.67	$\langle 305.02 \rangle$
46+34			10.63	304.06 ✓
46+16			10.33	304.36 ✓
45+91			10.58	304.17 ✓
45+74 ⁶⁵	West Pavement Edge ^{AC} 44th		9.70	304.99 ✓
45+50			8.7	306.0 ✓
T.P.	6.14	$\langle 314.67 \rangle$	11.90	$\langle 308.53 \rangle$
45+00			11.3	308.6 ✓
	6 Rt. Exist MH, INVERT 2007		2007	300.38
44+46 ⁸¹	Lt Opposite Exist MH		92	311.2 ✓
44+00			62	314.2 ✓
43+50			32	317.2 ✓

$\langle 320.45 \rangle$

Thorn

Revise to this see 1667 D.

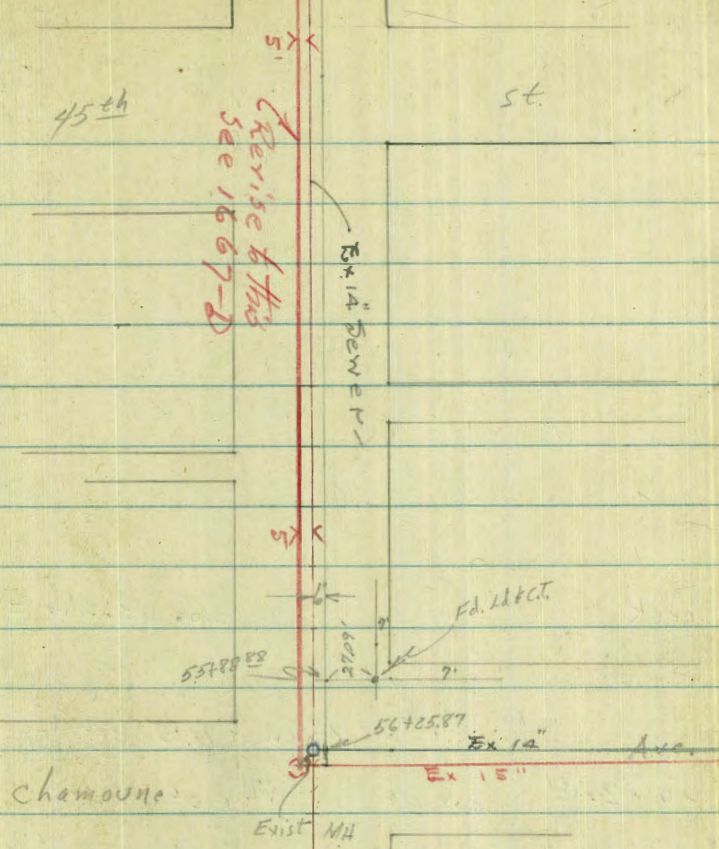
St

Highland

Ave.

53+00		10 ²	325.1 ✓
34 ⁵ / ₂ ft	Inlet Invert	10.49	325.55 ✓
	Outlet Invert	12.30	324.04 ✓
52+67 ²⁰	Crosses 12" Corr. I. Pipe	9 ²	326.1 ✓
T.P.	10.04 (336.04) ✓	1.41	(326.00) ✓
52+50		1 ²	325.9 ✓
52+00		2 ⁰	325.4 ✓
51+50		2 ²	324.7 ✓
51+16 ⁷⁰	6' Rt Exist MH INVERT	10.08	327.33 ✓
	Opposite Exist MH	3 ⁰	324.4 ✓
51+00		3 ⁰	324.4 ✓
50+50		3 ²	323.7 ✓
50+00		4 ⁴	323.0 ✓
49+82 ⁴⁰	East Edge AC Pavement at Highland Ave	4 ⁸⁰	322.61 ✓
49+50		4 ⁹⁰	322.51 ✓
49+16 ²⁰	West Edge AC Pavement at Highland Ave	5 ³⁷	322.04 ✓
49+00		6 ²	321.1 ✓
48+50		9 ⁴	318.0 ✓

327.4 ✓



Chamounc

Check

3.00 $\left\langle 333.07 \right\rangle = 332.96$

XNBP Chamone & Thorn

56+25⁸¹ { 6 RT Exist MH INVERT 18.05 317.99 ✓

Opposite Exist MH 36 332.4 ✓

56+00 31 332.3 ✓

55+50 41 331.3 ✓

55+00 58 330.2 ✓

54+46⁴⁰ { 6 RT Exist MH INVERT 18.32 317.72 ✓

Opposite Exist MH 66 329.4 ✓

54+00 72 328.3 ✓

53+50 92 326.8 ✓

 $\left\langle 336.04 \pi \right\rangle$ ✓

D. Smith
C. Allen
Nick
H. Bruner

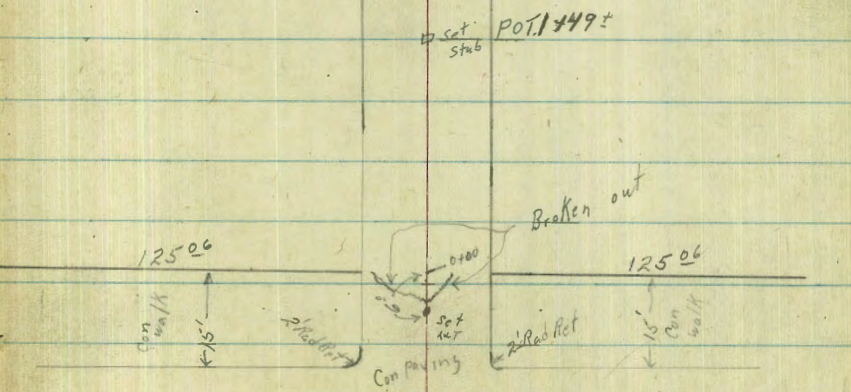
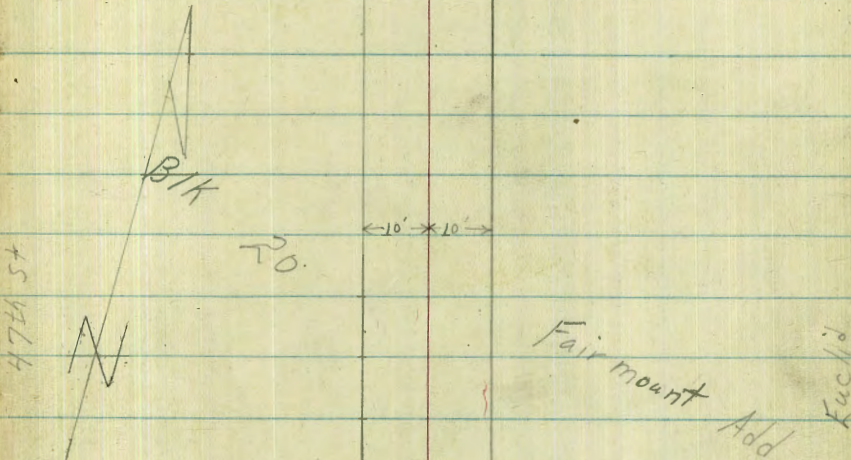
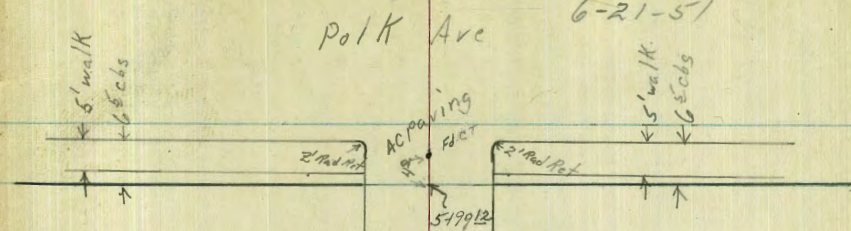
Cross Section Alley BIK 20
Fairmount Add.

INDEXED

MAY 28 1951

WO# 31931
6-21-51

33



University Ave

X Sec Alley B/K 20

Fairmount Add 9
West St.

East St

TP, 7³³ 351⁷⁵ 103 344⁴²

0+40

343.3
21
10
343.4
23
10
343.4
22
10

0+20

341.9
35
10
341.7
37
10
341.2
35
10

0+14 9° RT & water meter

341.2
420
9°
Valve

0+03 9° RT end cb

341.31
414
9°
cb end

10 = Lt. Begin Bldg
0+00 North Prop University

341.23
422
102
cb
340.79
467
102
947
340.79
466
83
050
007
340.7
42
4
edge
007
340.75
420
4
edge
007
340.45
460
92
947
341.14
431
92
cb

0-15 North cb University

340.82
463
50
cb
340.30
515
50
947
340.79
466
12
cb
340.28
517
12
947
340.25
520
12
947
340.22
523
12
947
340.76
469
12
cb
340.15
530
50
947
340.72
473
50
cb

BM 427 345⁴⁵

340⁶⁸ NWBP
Euclid
University

345⁴⁵

Revised by J. H. H. H.
6-22-57

West Lt

346.7
51
10

346.7
51

346.9
42
10

East Rt

1750

1749 8⁵ Lt & 14' Power Pole # PA 4021

1748 10⁰ Lt End 6' wood fence

1709 9² Lt Begin 6' wood fence

1703 10⁵ Lt to can apron to garage used as house

1706

0780

0767 7⁸ Lt & 14' Power pole # PA 4009

0766 8⁴ Rt & water meter

0762 9³ Lt & 5' con steps down to BK door stone

0760 10³ Lt End Bldg

346.45
520
102
9107

346.4
54
10

346.3
55

346.6
52
10

346.2
56
10

345.4
60

346.1
52
10

344.77

698
84
valve

345.59
617
92
top step

351.25
617
15.59

345.2

344.6

345-

65
10

71

62
10

351.25
17

Lt. West

East Rt

2

2441 10⁸ Rt & double garage con floor + apron

2422 7² Lt & water meter

2400 10⁸ Rt con for parking

1485 9² Lt & water meter

1473 11² Rt con paving for parking

1472 9² Rt & water meter

1470 9⁴ Lt 5' wide con slab

1466 6⁸ Lt edge con apron to house

1452 6⁷ Lt edge con apron to house

346.29
546
10⁸
apron

346.25
547
12⁸
floor

345.81
589
7²
valve

347.1
48
10

346.7
51

346.9
42
10

346.99
476
11²
con

346.23
552
9²
valve

347.1
425
11²
con
346.84
591
9²
valve

346.91
484
9²
con

346.84
471
9²
floor

346.71
504
6⁸
apron

346.79
496
9²
House
Floor

346.66
509
6⁷
apron

351.75

3+48 9³LT end wall and cyclon fence

3+44 8²LT & water meter

3+25 10⁴LT Begin rough con' wall under Cyclon fence

3+00 10²LT Begin 4' cyclon fence ^{posts} set in con's

3+00 11²RT Begin 6" con retaining wall

2+89 14²LT & double garage con floor

2+77 9²LT & water meter

2+73 8²LT & water meter

2+50 8⁶LT & 12" power pole # PA 4043

West LT

East RT

37

343.3
786
93
Top wall
341.76

999

82

Valve

344.4

344.72

344.4

344.1

343.6

343.2

342.7

342.23

74

703

74

72

88

85

91

902

103
Footing

102
Top wall

10

6

5

10

10

10¹

Top wall

345.2

345.1

344.8

344.6

344.16

341.9

342.2

65

63

70

72

765

92

96

112

96

112

20

10

10

10

112

Footing

Top

Footing

112

96

112

96

112

96

112

96

345.70
5
142
Floor

659

92

Valve

344.73

702

80

Valve

346.3

55

10

345.9

59

10

346.1

52

10

357.25

4125

4118 7² Lt & water meter

4117 9⁶ Rt & water meter

4100

TP₂ 7⁶⁶ 347⁴⁸ 11⁹³ 339⁸²

3475

3463 14¹ Lt & double garage con floor

3450 10² Rt end 6" con retaining wall

3449 9³ Lt & 12" Power Pole #PA4065

West Lt.						East Rt.
339.1	339.3	339.2	339.1	339.5	339.7	333.1
82	93	93	94	95	118	144
20	10	5	5	10	25	

337.91
957
72
valve

335.52
1196
96
valve

339.2	339.5	339.5	338.5	338.4	336.5	334.1
83	80	90	90	94	110	134
20	10	5	5	4	10	25

341.4	340.8	340.1	339.9	339.6	339.9	338.7	338.4
104	110	118	112	122	112	134	134
14	10	4	5	8	10	20	

342.04
~~339.9~~
979
744
Floor

342.9	341.6	341.3	341.3	341.4	340.7	340.4
82	102	105	105	1040	115	114
10	5	10	10	10 ²	Footing	ground back wall

35125

5404 11⁰ Lt & single garage con floor

5400

4185 26⁵ Lt & double garage con floor + apron

TP₃

247

347⁴⁴

257

344⁹⁷

SW Lt
Euclid
Pole

4460

4456

4448 97 & 12" power pole #PA 4079

4441 74 Lt & water meter

West Lt.

£

East Rt.

39

3401.65
6²⁹
11²
floor

3401.3
7¹
10

3401.3
7²
7

3401.2
7²
7

3401.1
7³
7

3401.1
7³
10

3401.6
6¹⁸
20

3421.74
4²⁰
29⁵
floor

3421.54
4²⁰
26⁵
apron

347⁴⁴

3411.1
6⁴
15

3401.2
7³
10

339.3
8³
5

339.1
8⁵
6

338.7
8⁸
6

338.3
9²
10

338.1
9⁴
20

339.8
7²
20

339.2
7²
10

338.9
8⁵
6

338.6
8⁹
7

338.7
8⁸
7

338.1
9⁴
10

337.5
10⁰
13

332.8
14²
22

337.17
10³
7⁴
valve

TP 347⁴⁸

5759 13^e RT & double garage on floor

5750

5749 9^o Lt. & 12" Power Pol. # PA 4095

5730 8^e Lt. & water meter

5725

5723 10^o RT & water meter

5709 10^e RT & water meter

342.2
52
10

341.9
55
6

342.1
54
7

342.1
53
7

342.1
52
10

342.1
42
13

342.09
435
13^e
floor

340.99

645

8^e
Valve

341.3
64
10

341.2
62
5

341.2
62
7

341.3
64
7

341.2
56
10

342.1
54
20

340.57

689

10^o
Valve

340.67

687

10^o
Valve

347 44

BM starting

565

34065

34068 NW 1/4
University
Euclid

TP₃ repeat

133

346

30

247

34497

SW 1/4
Euclid
Polk

6+05⁶² South Cb line Polk

5799¹² South Prop Polk St. edge AC paving

5789 94 RT & water meter

5780

5777 13² RT & double garage con floor

5762 9² RT & dead man

341.99
545
50
06

341.41
603
50
947

342.60
484
12
06

342.11
533
12
947

342.20
514
12
547

342.46
428
12
06

343.05
439
12
947

347.04
440
50
06

343.60
384
50
06

342.67
427
10
06

342.35
509
10
947

342.37
507
10
947

342.67
427
10
06

343.01
443
10
06

342.4
50
10

342.7
42
5

342.7
42
5

342.9
45
6

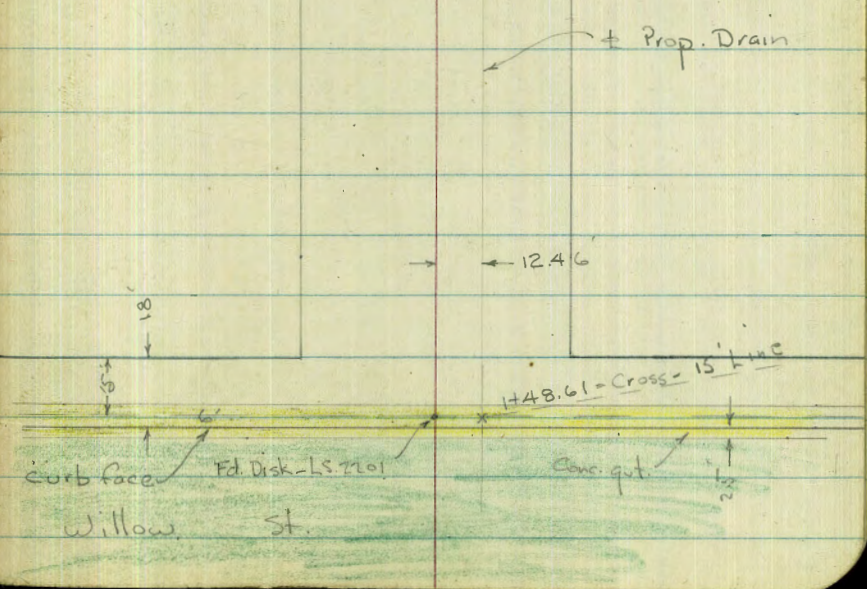
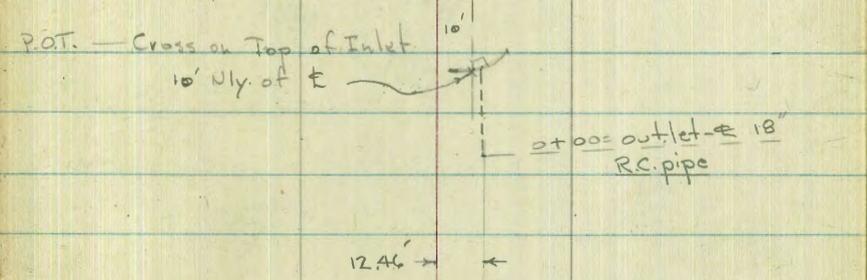
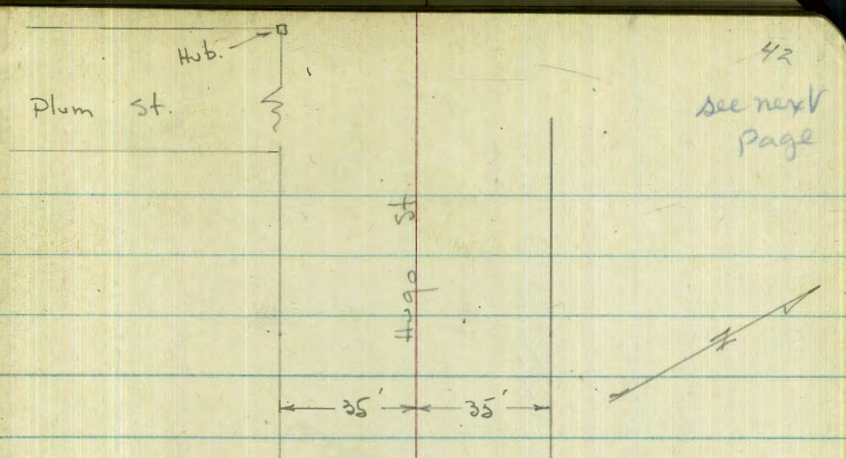
343.2
42
10

342.43
501
94
valve

342.64
480
132
floor

347.44
5
342.44

347 44



Plan on
Preceding
page

Levels along \pm of Prop. Drain 12.46
Nly. of \pm Hugo St. from End of Exist 18"
R.C. pipe to curb line of Willow.

5671 10-5-51 7.0.

W.O. 25020

1+20

INDEXED
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OCT 9 1951

0+90

+ steps along N. side

0+78.8 - 17.8 Rt. - Cor. Large House - Conc. walk

0+55

0+40

0+25

0+15 - 15' Rt. - \pm of Cold Lay - V Sect. Drain - Rough

0+00 = outlet of 18" R.C. pipe - See B. 1843-P. 79
for Loc. of Inlet + Pipe

B.M.

96.34 - T.P.

Cor. Inlet - B. 1843-P. 79

used Elev. Rod. - Actual Elev. shown.

Lt.

\pm

Rt.

50.9 51.1 50.5 48.7 49.6 50.45
10 4 8.5 12 13.4
 \pm Drain Conc. Steps

58.8 58.8 59.0 57.0 60.72
10 4 9 13.4 =

61.22 edge Conc.
13.4 61.24
conc. 17.8 at Cor

64.2 67.2 68.1 67.1 67.7
13. 3 8.5 11
 \pm Drain

69.3 70.6 71.7 71.1 72.8
10 6 8 12
 \pm Drain

71.0 73.0 73.0 80.4
10 4 14
 \pm Drain

72.1 78.3 77.6 80.7 81.9
7 15 4 10
 \pm Drain

84.35 = I.E. of end of Pipe
(Taken Carefully.)

check B.M. S.W. B.P. Garrison
+ willow

51.75

1+61.55 =

42.27
25

42.44

42.75
20

1+51.55 = curb face

42.10 42.89
got. 25
Top

43.16
Top

42.39
got.

43.32 42.55
12.46
Top

43.52 42.70
got. 19.5
Top Nly
of Drive

1+44 - 11.5 Rt. = P. pole # 1496

1+45.6 = wly. of walk - Cold Bay Drain ends

43.05
25

43.31

43.46
12.46

at walk - Covered with Dirt at end

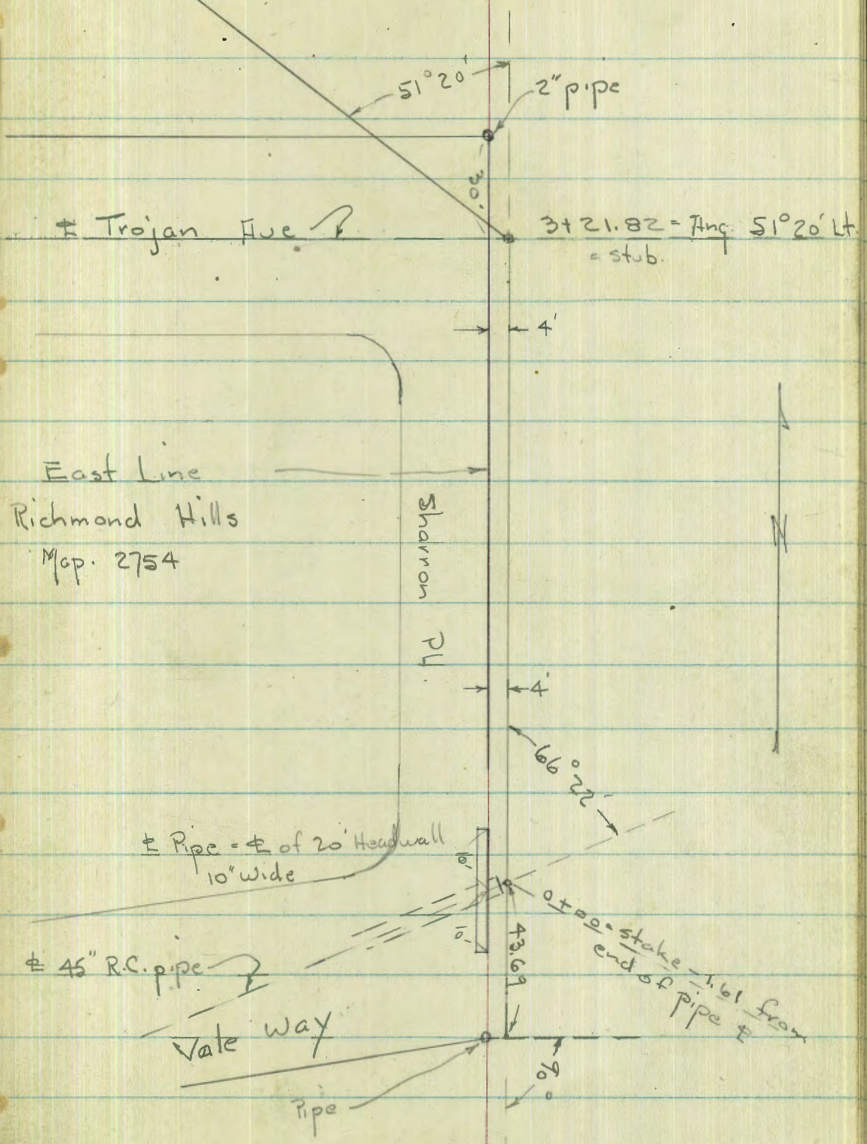
1+34.6 - 13.4 Rt. = end conc. steps.

walk

SE. ly. Bldg.

5' $5+95.44 = \text{Stub } 5' \text{ from Cor. of New Bldg. along S. side}$

40



Trojan & Sharon Place
North to School

Levels along \pm of Prop. Drain - E. Bound
of Richmond Hills - to New School Bldg.
sketch - P. 45

w.o. 10-5-51 7.0.

	Lt.	\pm	Rt.
2+00	60.83 4 edge	62.7	64.8 3 10
1+60	60.57 4 edge	62.6	63.6 3 10
1+45	60.43 4 Pave	60.6	60.6 10
1+00	59.89 4 Pave	59.8	59.6 10
0+50	59.42 4 Pave	59.6	59.7 10
0+12	58.85 4 edge Pave	59.0	55.8 10

INDEXED
file
OCT 9 1951

59.70 = Top
4.44 wall
along \pm =
face Wall

51.73 = I.E. of
1.61' end pipe
along \pm
Pipe

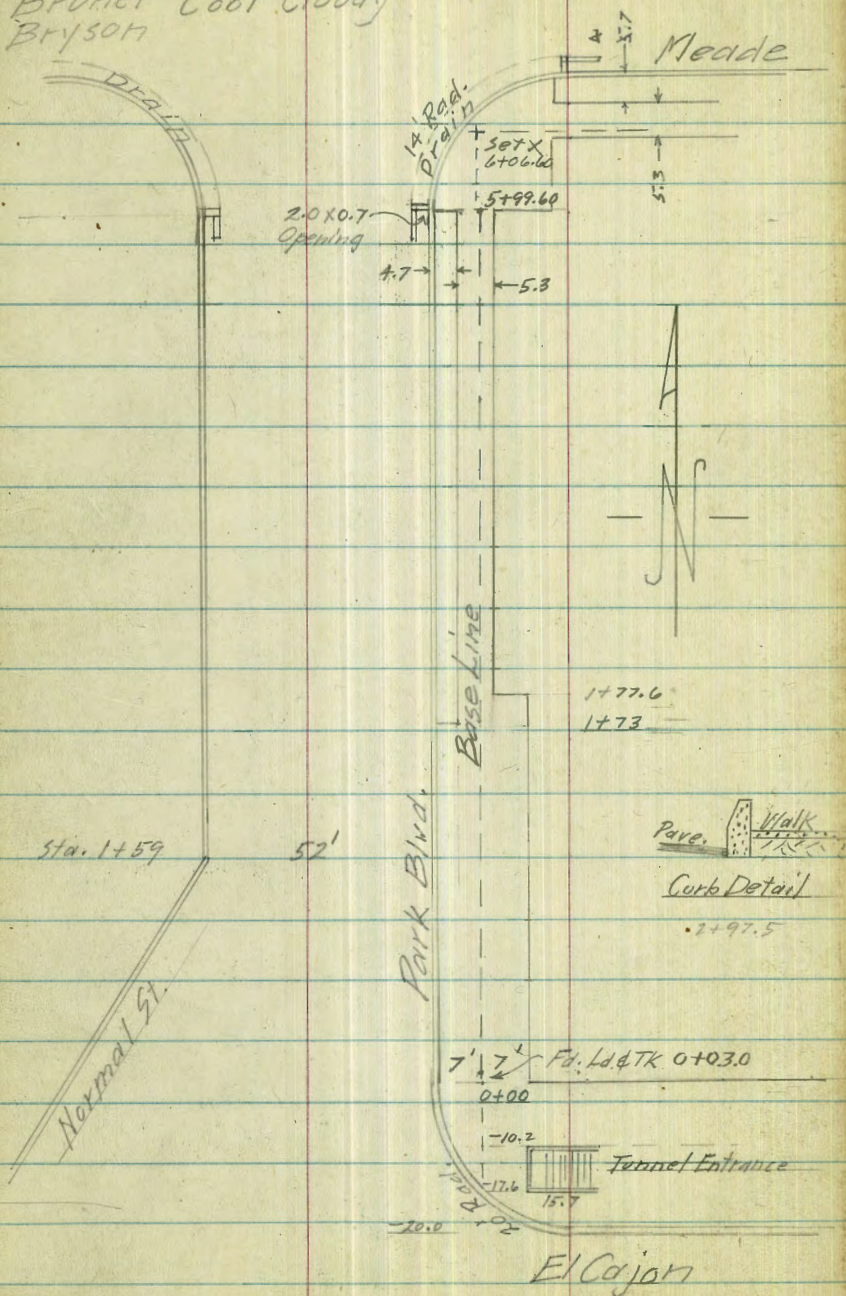
51.7 = Wash

B.M. = S.W.B.P. Trojan & Sharon Pl. 361.07

Elev. Rod Used - Actual Elev. shown.

	Lt.	±	±	Rt.
5+50				61.7
5+00				62.1
4+50				62.6
4+00		63.7	63.8	63.8
flat field from Here		10		10
3+73	61.0	65.2		64.6
	10			10
3+60		60.8	61.2	65.2
		10		10
3+25			62.2	
- Bank cont. to N.E. Cor. of Sjb.				
3+21.82 = Ang. $51^{\circ}20'$ Lt. - Sect. 90° to back Tang.		61.93	62.06	66.00
4 Lt = N.E. Cor. of pave		4	2	10
		Get. of	Stab.	66.7
		Pave		10
3+00	61.27	64.7	66.0	66.0
	4		3	10
	edge			
2+50	61.46	63.1	64.4	64.8
	4		3	10
	edge			

Garber 10/16/51
Bruner Cool-Cloudy
Bryson



INDEXED
Revised
OCT 16 1951

Note - Curb in bad shape Sta. 4+00
to Sta. 5+99 - Should be replaced.

Lt.

Rt

0700
 -0.5 5.5 Lt. Fire Hydrant
 -3.2 4.7 Lt. Traffic Signal
 -7.0

341.37 339.91 338.29 338.90 339.02 339.13
 2.69 4.15 5.77 5.16 5.04 4.93
 50 25 6.1 6.1 25 7
 G Cb Cb

337.95 336.21 338.11 337.11
 6.13 7.85 5.75 6.95
 25 50 25 50

-18.5 10^c Rt. Traffic Signal
 -20

341.20 340.08 338.34 338.67 337.96 337.94 337.21 335.28
 2.86 3.98 5.72 6.39 6.10 6.12 6.85 8.78
 50 25 10 10 25 25 50
 Cb G Cb G G

-42.5

341.43 340.60 339.52 337.85 335.75
 2.63 3.46 4.67 6.21 8.31
 50 25 25 50

344.06

2.34 344.06 ✓

341.72 F.H.
N/E P. Blvd & EIC.

3.50 344.97 ✓ SEBP Park Blvd. & Monroe

8.03 348.47 ✓

6.58 340.44 ✓
Top F.H.
5.30 341.72 N/E Park Blvd & El Cajon
Top F.H.

3.36 347.02 ✓

5.00 343.66 ✓ 1/2 E Park Blvd. & Meddie

3.68 348.66 ✓

344.98 SEBP
Park Blvd. & Monroe

+37 Center of Doorway (Johnsons Grocery)

5.10	4.05	4.60	4.52	4.58	3.68
7	6.1	6.1		3	7
G	Ob				Floor

33896	340.01	339.96	339.54	339.48	340.38
5.11	4.15	4.78	4.63	4.30	
7	6.1		3.1		
G	Ob				

341.26	341.14	340.91	338.94	339.63	339.26	339.38	339.36
2.80	2.91	3.65	5.12	4.23	4.80	4.68	4.70
46	33	20	7	6.1		3.4	6.9
G			G	Ob			

+69.5 Center of Doorway (Painting & Tinting)

338.88	339.83	339.16	339.17	339.21	339.51
5.18	4.23	4.9	4.89	4.85	4.55
7	6.1	6.1		3	7
G	Ob				Floor

+63.1 5.0 Lt. - Center of Water Valve Box 1.8 x 1.8

338.91	339.94	339.33	339.24	339.44	339.93
5.15	4.12	4.73	4.74	4.57	4.13
7	6.1	6.1		3	7
G	Ob				Floor

+53.5 Center of Doorway (Painting-Tinting)

341.33	341.2	341.63	338.92	339.94	339.33	339.24	339.51	339.88
2.73	2.94	3.53	5.14	4.17	4.73	4.72	4.53	4.18
46	33	20	7	6.1	6.1		3.1	7
G			G	Ob				Walk

+50

338.89	339.96	339.25	339.52	340.34	340.90
5.17	4.10	4.71	4.54	3.72	3.16
7	6.1		3	7	7
G	Ob	344.06			Floor

+35.5 Center of Doorway (Campus Beauty Shop)

+46.5 Center 4° Walk

339.32	6.39	5.46	5.31	5.25	3.87
	7	7		3.0	13
	G	Ob			

+24.5 Center 5° Walk

339.30	6.41	5.50	5.35	5.30	4.39
	7	7		3.0	10.6
	G	Ob			

+11 18" Acacia

341.4	4.57	4.54	5.15	6.51	5.74	5.38	5.35	4.2
	46	33	20	7	7	7	3.0	15
				G	Ob			

+4.00

+96 12" Palm 4.5 Lt.

+80 10" Palm 4.5 Lt.

+74.5 5° Walk

339.21	6.50	5.77	5.57	5.35	4.42
	7	7		3.0	12
	G	Ob			

+50

+44 12" Palm 4.5 Lt.

+28 6" Palm 4.5 Lt.

3+00 Walk

+97 End of Curb as shown in detail.

341.7	4.54	4.58	5.09	6.60	5.94	5.69	5.63	4.3
	46	33	20	7	7	7	3.0	15
				G	Ob			

341.5	4.56	4.62	5.10	6.61	5.83	5.93	5.81	5.53
	46	33	20	7	7	7	7	25
				G	Ob			

341.23	4.48	4.56	5.16	6.76	5.66	6.13	6.07	6.27
	46	33	20	7	6.1	6.6	7	25
				G	Ob			Walk

+50

6.10

345.71

344.06

4.45

339.61

345.71

Lt.

Rt

+99.60

+94 Fire Hydrant 5° Lt

+87.3 14" Acacia 4.5 Lt.

+80.8 Power Pole 6° Lt

+53.5 12" Acacia 4.5 Lt.

+50

+28.9 Center 8° Drive

+06.6 Center 4° Walk

5+00

4+50

341.21	341.36	341.03	340.95	339.28	340.54	340.76		
4.80	4.35	4.68	5.26	6.47	5.15	4.95	4.97	
46	33	20	9	8	7	7		
				Center Drain	Co.			
340.83	341.3	340.67	339.43	340.39	340.64	340.13		
4.88	4.58	5.04	6.28	5.32	5.07	4.98	3.86	
46	33	20	7	7	7	3.0	15.9	
			6	Co				
				339.52	340.54	340.67		
				6.19	5.17	5.04	3.96	
				7		3.0	12.5	
				Co				
				339.44	340.52	340.58		
				6.27	5.39	5.18	3.96	
				7	7	3.0	11.6	
				6	Co			
340.94	341.15	340.65	339.41	340.31	340.47	340.53		
4.77	4.56	5.06	6.30	5.40	5.24	5.18	3.7	
46	33	20	7	7	7	3.0	15	
			6	Co				
341.12	341.18	340.61	339.33	340.22	340.42	340.46		
4.59	4.53	5.10	6.38	5.49	5.29	5.25	3.7	
46	33	20	7	7	7	3.0	15	
			6	Co	345.76			

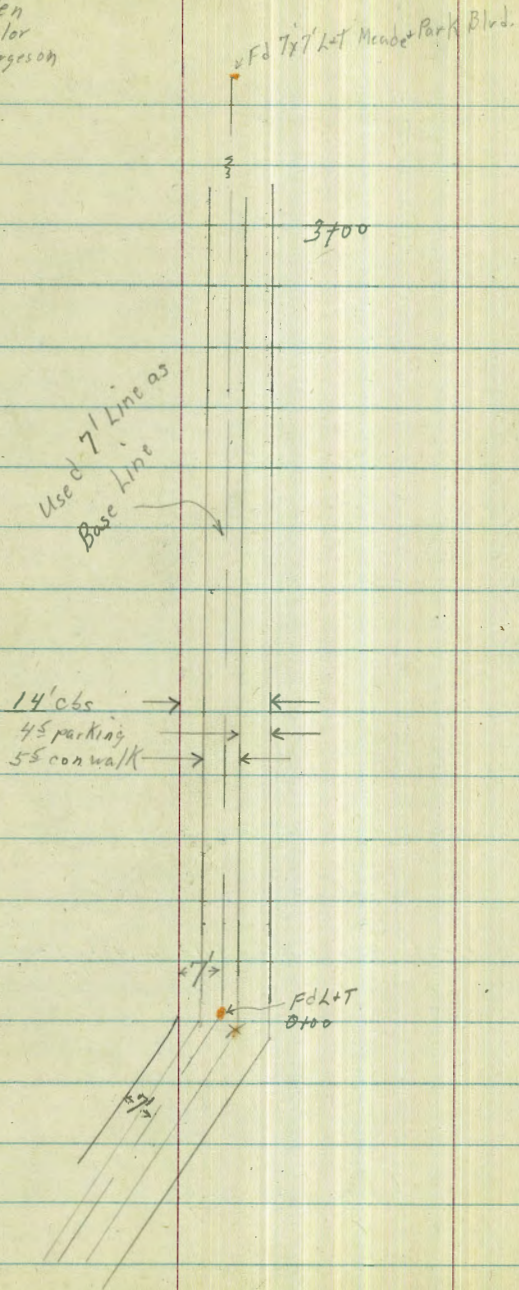
D. Smith
C. Allen
R. Taylor
Wm Furgerson

Levels on Park Blvd west side
300' Northerly of Normal St int.

Wo# 20975 56
1-23-52

INDEXED

Law
JAN 24 1952



0752 53rd Lt E 12" Power Pole #JA4336

0750 7th Lt Begin good regular cb:

0737 7th Lt E 9" Palm

0728 2nd Lt Begin broken cb north of drive

0727 19th Lt End 2" pipe gym bar

0725

0715 19th Lt Begin 2" pipe gym bar

0702 8th Lt Begin can base a cyclone fence

0708 Lt E 5' can walk

0700

341²²

Top Fire Hqd.
NE cor. El Cajon
Park Blvd.
P 50

Lt = West

71
line

Rt = East

57

343²²
37

343²⁴
27

342²⁵
7

342²⁶
3
walk

342²⁵
25
E walk

341²⁸
7
cb

341²⁶
7
gut

342²⁷
25
cb

343²⁷
37

343²⁸
27

342²⁹
7

342³⁰
3
walk

342²⁶
25
E walk

341⁴²
7
gut

343²⁵
25
E walk

342²⁵
25
floting

343²⁷
27

342²⁷
7

343²⁷
37

343²⁸
27

342²⁹
7
prop

342²⁹
3
walk

342³⁵
25
E walk

341⁵⁰
7
drive

341⁵⁰
7
gut

used tape rod allelv.

1750

1737 4³RT & 10" Palm

1725

1717 7³LT & 14" Palm

1714 5²RT & 4x4 "caution" sign

TR

0700

0798 4³RT & 12" Palm

0797 25°LT End 2" pipe swings structure

0795 8²LT & 4" Bougainvia vine

0778 7²LT & 9" Palm

0775

0770 3²RT & 4x4 Bus Stop sign

0755 25°LT Begin iron 2" pipe swings structure

LT=West

7'
1/2

RT=East

50

343^L

342^R

342^S

341^{8L}

341^{7R}

341⁶⁰

341⁰²

37

27

7

3

walk

23

walk

7

06

7

out

343³

343²

342^L

341⁹⁰

341⁷³

341⁵⁸

341⁰⁰

37

27

7

3

walk

25

walk

7

06

7

out

344⁹⁵

343⁶

343³

342⁵

342⁰¹

342⁰¹

341⁷⁸

341¹⁹

37

27

7

3

walk

25

walk

7

06

7

out

343⁶

343⁴

342⁷

342¹⁸

342¹²

341⁸⁸

341²⁶

37

27

7

3

walk

25

walk

7

06

7

out

Lt=West

7'
Line

Rt=East

59

2475

343 ²	342 ²	342 ¹	341 ⁵⁸
37	27	7	3 walk

341 ⁴⁶	341 ⁴⁰	340 ⁷⁴
25 walk	7 06	7 9ut

2457 4² RT E 10" Palm

2450

343 ²	342 ²	342 ⁰	341 ⁴⁵
37	27	7	3 walk

341 ⁵⁰	341 ²²	340 ⁷¹
25 walk	7 06	7 9ut

2436 7² Lt E 12" Palm

2425

343 ²	342 ²	342 ²	341 ⁵⁸
37	27	7	3 walk

341 ⁵⁰	341 ⁴⁵	340 ⁸⁸
25 walk	7 06	7 9ut

2423 7² Lt E 4" Bougan via vine

2400

343 ²	342 ²	342 ³	341 ²⁰
37	27	7	3 walk

341 ⁵⁷	341 ³⁹	340 ⁸⁹
25 walk	7 06	7 9ut

1496 7² Lt E 10" Palm1478 4⁵ RT E 10" Palm

1475

343 ²	342 ²	342 ⁵	341 ⁸²
37	27	7	3 walk

341 ⁶⁵	341 ⁵⁰	340 ⁹⁶
25 walk	7 06	7 9ut

1465 5⁷ RT E 12" Power Pole # JR43541458 7² Lt E 10" Palm

Lt = West

71
Hwy

RT = East

60

343⁶⁶
✓ Top Fire Hyd
343⁶⁵ SE cor. Park Blvd & Meade
p 50

BM

Fence also is used for water line

3400 8^E Lt con base & cyclone fence cont.

343 ⁰	342 ⁸	342 ²⁴	341 ²	342 ⁴	341 ⁵²	341 ⁴⁶	341 ³³	340 ⁶³
37	27	25	23	7	3	23	7	7
	Top	Footing		walk		walk	cs	sat
	con							

2497 4^E RT & 10" Palm tree

2477 5^E RT & 18" Power Pole #JR4376

2476 7^E Lt & 12" Palm

INDEXED
SER
NOV 9 1953

7702 ⁴⁴

Alley BIK 8

Proposed Line change

existing sewer
Landis St.

Alley BIK 7 61

cont
next page 44

Proposed Line change
and enlargement of sewer
Landis Ave + Euclid Ave

Wof 20773
10-4-53

D. Smith
R. Taylor
B. Fish

Chamoun Ave
existing sewer
Proposed Line change

storm drain
24"

Dwight St
15" existing sewer + stub to North also is 15"

Alley BK 5

5' Cont. Lateral
Ally.

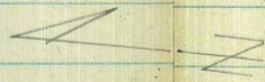
Proposed Line Change

existing sewer
Landis St

existing sewer

5'

Alley BK 6



Cont. Lateral
Ally.

Euclid Ave

existing sewer

Proposed Line Change
C/LINE

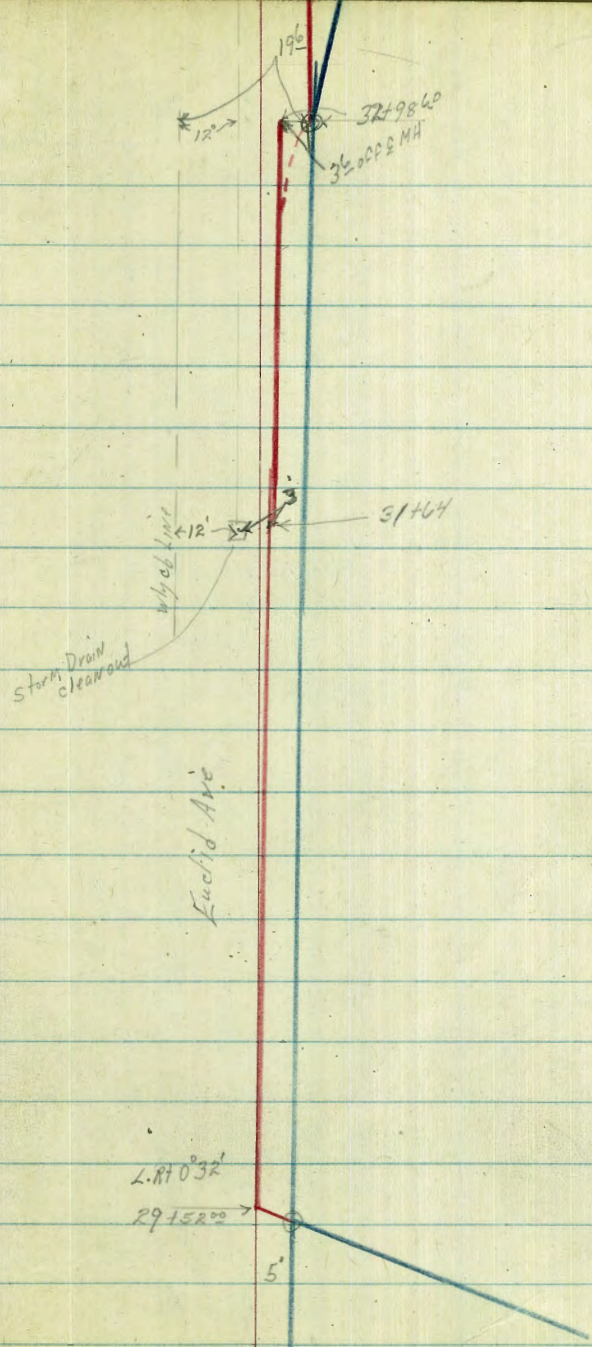
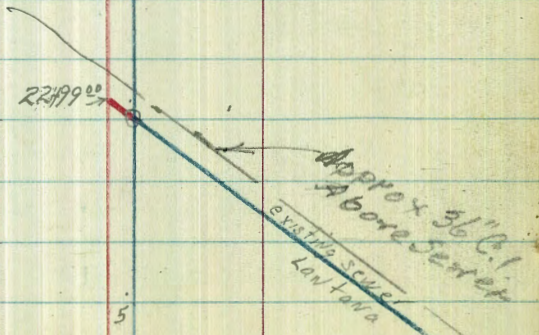
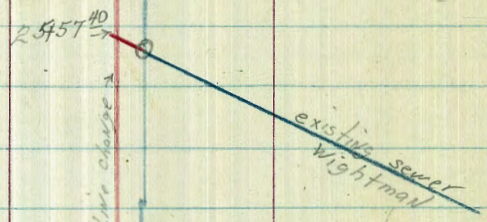
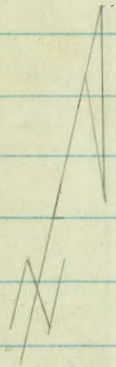
2011215

Proposed Line Change

existing sewer

Landis St

5'



Alley B1K32

40408²⁹

Proposed Line Change

47167³⁸ end.

existing sewer folk

L. 110°32'30"
35198²⁷

36525⁸
Storm Drain

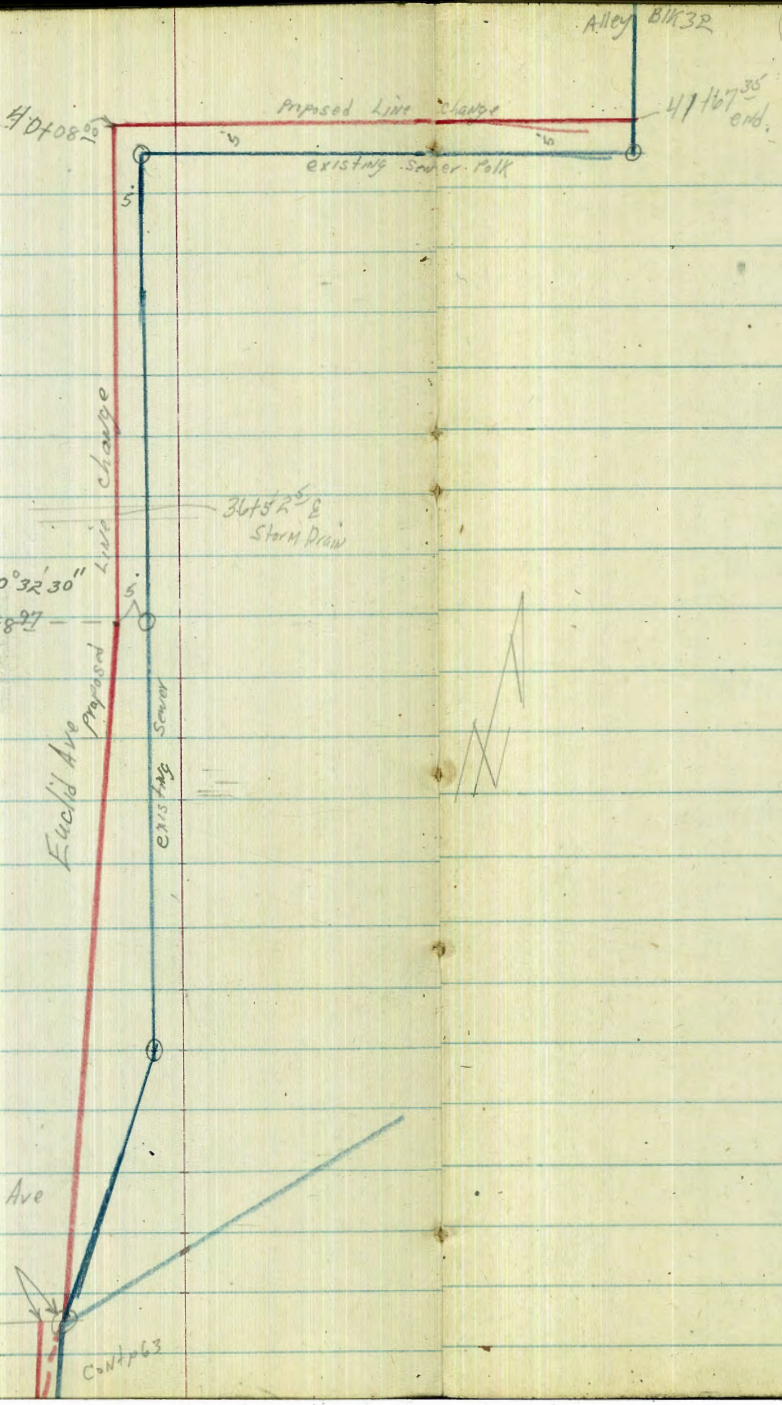
Euclid Ave
Proposed Line Change

existing sewer

University Ave

32198⁶⁰
36

Cont 63



1775

New
Live
325.16 ✓
525

1122 (34289)

New
Live

65
04 (33029)

1750

325.00 ✓
521

TP

4700

325.88 ✓
013

1725

324.91 ✓
610

3775

325.01 ✓
100

1700

324.46 ✓
655

3750

324.25 ✓
125

0775

323.99 ✓
702

3725

326.61 ✓
237

0750

323.54 ✓
747

3700

326.17 ✓
289

0741 22" Lt & inlet grate

317.91 ✓
734
22" 10
323.21 ✓
700
22" 9" grate
323.36 ✓
765

2790 5" Lt & SMH

323.30 ✓
721
52" 16
328.03 ✓
22" 9" grate

24" RCP cover Necks

0721 18" Lt & inlet grate

322.17 ✓
784
22" 9" grate
322.56 ✓
845
18" 9" grate
316.69 ✓
1432
185
18"

2775

327.66 ✓
233

0700 existing SMH + 15' stub Nly

319.41 ✓
1100
10
323.08 ✓
793
11M

2750

327.19 ✓
382

Chamoune St AC, paved

2725

326.62 ✓
438

BM

701 (33101)

New
Live

324.00 Chamoune

2700

326.19 ✓
482

(33101)

6+75

New Line ✓
340.26
263

6+50

339.85 ✓
308

6+25

339.11 ✓
378

6+00

338.14 ✓
472

5+75

337.28 ✓
564

5+50

336.38 ✓
651

5+25

335.30 ✓
750

5+00

334.46 ✓
843

4+75

333.54 ✓
935

4+50

332.62 ✓
1026

4+25

331.77 ✓
1112

342.30 ✓

8+50

8+25

8+00

7+75

7+50

B.M.

FP2

7+28 edge AS paving

7+16

7+02⁴⁴ L. Rt 90°

76
2+97.5° at ESMH

327 at 3406
14⁹⁷ R 27
59 3-3
12 1M

New Line

66

343.3 ✓
54

342.7 ✓
60

342.0 ✓
62

341.5 ✓
72

341.0 ✓
72

189 (341.0) ✓
NW. BP Landis
Paving Channel

340.38 ✓
251

340.15 ✓
276

340.60 ✓
229

342.30 ✓

10457^s edge AC, pav.

10450

10425

10400

9775

9750

9738 edge AC, pav.

9725

9700

8775

8762 5³ N 1/2 SMH

New
line
269 248.9

346.09

346.13

345.95

345.50

345.11

344.8

344.5

344.0

343.8

343.4

342.81

342.53

424

2081

1115

53

53

10

6' to North

34868

12175

12150

12125

12100

11792 5³ N 1/2 SMH

11783 edge AC, pav.

11775

11750

11725

11700

10475

New
line

341.38

343.05

344.15

344.66

344.93

348.53

347.79

375

2015

1389

5

10

10

rim

6" to North

342.92

344.9

345.0

345.3

345.5

345.8

34868

15+00

New
Line
336.69 ✓
784

14+75

336.53 ✓
800

14+50

336.46 ✓
807

14+375 A cap & top begin con
for

336.48 ✓
805

14+25

336.30 ✓
823

14+00

335.92 ✓
861

13+75

336.38 ✓
815

13+50

336.92 ✓
761

TP3

6⁰⁹

344⁵³

10²⁴ 338⁴⁴

13+25

337.84 ✓
1084

13+00

339.49 ✓
919

348⁶⁸

17+00

New
Line
339.12 ✓
541

16+75

338.78 ✓
525

16+50

338.45 ✓
608

16+25

338.19 ✓
634

16+14 42 MISSMH

338.00 329.10 ✓
6.51 15.34
114 12

16+00

337.90 ✓
663

15+75

337.61 ✓
692

15+50

337.54 ✓
719

15+25

337.104 ✓
749

15+22 4° At ESMH

329.00 331.01 336.9 ✓
15.51 13.52 7.54
10 10 FM
6.14
48

344⁵³

19+25

New
LINE
342.61 ✓
192

19+00

342.15 ✓
238

18+75

341.75 ✓
280

18+52⁵⁴ RT & SMH

341.39 ✓ 341.81 ✓
34 1472
TIM 10

18+50

341.39 ✓
314

18+25

340.95 ✓
358

18+00

340.56 ✓
322

17+75

340.19 ✓
434

17+50

339.84 ✓
469

17+25

339.47 ✓
506

π (344 53)

21+00

20+75

20+50

TP4

20+25

20+12¹⁵ L.H.
@ 4.0 70 RT & SMH.

20+00

19+87

19+75

19+50

New
LINE
343.01 ✓
322

343.44 ✓
334

343.81 ✓
292

322 (346 78)

343.81 ✓
072

343.67 ✓
086

343.45 ✓
110

343.68 ✓
085

343.42 ✓
111

343.02 ✓
151

π (344 53)

343.51 ✓
330.84 ✓
332.18 ✓
102 1309 1235
TIM 10 10 4654

022 (343 56)

New
Line

27+25

340.16
4²¹

27+00

340.16
4²¹

26+75

340.06
4²¹

26+50

339.86
4⁵¹

26+25

339.67
4²⁰

TP₅ BM

422 $\left(\begin{array}{l} 344 \\ 37 \end{array} \right)$

339.66
7¹⁸ - 339.60
swBP
wrightman
*weld.

26+00

339.56
4²²

25+75

339.40
4³⁸

25+57⁴⁰

339.34
4⁴⁴

25+56 RYE SMH

339.34
15⁴⁴ 339.32
7⁴⁵
18 RIM

$\left(\begin{array}{l} 346 \\ 78 \end{array} \right)$

New
Line

71

29+52 L. H 0.32'

339.20
5¹⁷

29+48 5³ N 10⁰ SMH

339.19
12¹⁸ 332.14
10 10 5.07
5⁴ 11M

29+25

339.34
5⁰³

29+00

339.42
4⁹⁵

28+75

339.56
4⁸¹

28+50

339.70
4⁶⁷

28+25

339.15
4⁶²

28+00

339.86
4⁵¹

27+75

339.98
4³⁹

27+50

340.08
4²⁹

$\left(\begin{array}{l} 344 \\ 37 \end{array} \right)$

3175

31764

31750

31725

31700

30775

30750

30725

30700

29775

15" L12 grate inlet
3" L12 cleanout
21" R+R grate inlet

336.93
74
1025
16
11
720
337.31

337.54
628

337.95
644

338.25
613

338.35
602

338.51
586

338.68
569

338.84
553

339.01
536

344.37

New
Line

337.57
600

336.81
732
21
grate 16

34700

33788 78 X12 SMH

33775

33750

33725

33700

TP BH

327980

32775

32750

32725

32700

New
Line

340.28
368

340.54
342

340.90
304

340.69
327

340.25
32

340.19
418
36

340.19
418
NM 10

332.76
1161

339.90
441

339.51
486

338.90
543

338.20
610

344.37

339.21 340.25
1025 321
16 X12
78 78

340 EP

326 340 61

VHBP
University
Quito

36450

New
LINE
337.85 ✓
64

39400

New
LINE
340.17 ✓
179

1268
732
1542
1122
734

36425

338.03 ✓
593

38475

341.87 ✓
259

36400

338.27 ✓
569

38450

340.54 ✓
342

35425

338.51 ✓
545

38425

339.80 ✓
416

35450

338.79 ✓
517

38400

338.94 ✓
502

35425

338.03 ✓
493

37475

338.04 ✓
592

311.86
62
324.54
325.16 at
REPLY

35400

339.31 ✓
465

37452 2/3
44 Sprinkler

12 ft 2 grate inlet
3 26.40
3 30.62
3 35.40
17 34.65
10 grate

336.67 ✓
729
grate

324.54 ✓
19 3/4
10

34475

339.50 ✓
446

37425

337.12 ✓
684

34450

339.15 ✓
421

36498 2/3
50 ft 8 SMH

80 32 30'

337.72 ✓
672

337.11 ✓
685
50
11M

333.51 ✓
10 3/4
23
10

34425

340.01 ✓
395

36470

337.45 ✓
621

< T 343 9/16 >

< T 343 9/16 >

46475

46450

46432

46421

46408⁰⁰ L. AT

46403 5⁰⁰ RT & SMH

46400

39475

39450

39425

TP7

Park Ave
Not used
see page 76

New
Line
347831
325

346151
563

344961
88

344661
713

345181
60

3341
1766
681
50
70
60
114

345061
62

344591
719

343811
796

342991
879

958 π [351.78]

176 [342.20]

New
Line

74

34658
Vander
University
+ Euclid
PK
3401

TP9

TP8

end line

41467³⁵ 5⁰⁰ RT & SMH

41450

41425

41400

Park Ave
Not used
see page 76

284 [343.47]

1115 [340.63]

34801
377
50
114

34607
371
50
114

34439
1739
50
114

348561
322

348971
281

348801
298

[7351.25]

col
H
12-1-53

Depth
1 1/2
15" sewer

M.H.
Myrtle +
Charmaine

6 1/2" flow in 15"
9" Grease mark.

Charmaine 6" flow 1 1/2"

Low Lumber
Alley E of 47 to S. 8" " "

" W of 47 to N 7 1/2" " "

" E of 47 to N 1/2 free charge 10 to 12
12" Deep

Line in fr N + SE

At Lintana

Euclid needs bedding

At Trojan sharp flow from E
+ Alley to N in 8" 10" 5" flow ±

WO# 20773

12-29-53

D. Smith
R. Taylor
B. Fish

76

10' Grand Ave
6' Euclid Ave
to Tc

SE PK
46+73.25

Orange Ave

52+92.5 12' LT
2' inlet 15' throat
23' x 33' grate

el. 66 343.62
grate 342.62
to 338.94

existing SMH
52+95

24" CP pipe

el. 343.2
to 337.42

Trojan Ave

76+77
N.T.

FD 7' Trojan
6' Euclid
el. 66 345.28
grate 342.62
to 337.92

Euclid Ave

INDEXED
DEC 30 1953

10' 40' 30" LRT

40+02.20
set PK

Euclid Ave

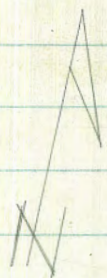
10' 40' 30" LRT

40+08.20
set PK

Polk Ave

40+00
set PK

CONT. P 64



East
Line

Base
Line

42 725

347.29 ✓
526

349.16 ✓
409

42 700

347.00 ✓
625

44 750

348.94 ✓
431

41 775

346.78 ✓
647

44 725

348.80 ✓
445
on P.M.

41 750

346.53 ✓
673

44 702 2° L. at 1° 40' 30"

348.76 ✓
477

41 725

346.28 ✓
697

44 700

348.54 ✓
471

41 700

346.06 ✓
719

43 775

348.34 ✓
491

40 775

345.90 ✓
735

43 750

348.14 ✓
511

40 750

345.59 ✓
766

43 725

347.94 ✓
533

40 725

345.40 ✓
788

43 700

347.70 ✓
555

40 700 L. at 1° 40' 30"

345.26 ✓
816

42 775

347.46 ✓
577

42 750

BM

8 20

353 25

344 97

SMH 11.27
40+03 5347

074

353 25

47400

Base
Line
350.35 ✓
290

46475

350.51 ✓
274

46450

350.57 ✓
268

46425

350.53 ✓
272

46400

350.45 ✓
280

45475

350.21 ✓
304

45450

349.99 ✓
326

45425

349.85 ✓
340

45400

349.62 ✓
363

44475

349.33 ✓
392

35325 ✓

49450

Base
Line
347.25 ✓
553

49425

347.59 ✓
519

49400

347.88 ✓
490

48475

348.18 ✓
460

48450

348.53 ✓
425

48425

348.81 ✓
392

48400

349.11 ✓
363

47475

349.20 ✓
338

47450

349.76 ✓
302

47425

350.02 ✓
276

TP BM

207 T 35278

258 35077

35062
NW BP Orange
+ Euclid

52+00

Base
Line
344.31 ✓
842

51+75

344.57 ✓
821

51+50

344.83 ✓
795

51+25

345.15 ✓
763

51+00

345.41 ✓
737

50+75

345.74 ✓
704

50+50

346.06 ✓
672

50+25

346.36
642

50+00

346.66 ✓
612

49+75

346.91 ✓
581

35278

Base
Line

79

BM

52+95⁵⁴ Existing SMH

52+83²⁰

52+69²⁵ L.L. 59'16"

52+50

52+25

343.90
822 335.91 ✓
16.87
14 70

343.18 ✓
960 343.78 ✓
900
947 06

343.44 ✓
936

343.62 ✓
916

343.91 ✓
887

35069
207 35020
NW 1/4
Orange
Tract

35278

52100

51775

51750

51725

51700

51775

51750

50725

50700

49775

761
1254
2015

1254
133
1387

341⁰⁰ NWBP Landis
Schmure
339⁶⁶ SWBP
Whistler's Eucalypt
340⁶⁸ NWBP univ. backd.

7.74 89
 272
 02 89
 350.16
 2.89
 348.12

5499.60
 14
 6413.60

774 89
 312
 462.89
 345.71
 2.04
 343.67

220
 855
 275
 312

1040' 30" LT

40100

1° 40' 30" RT
 44102.00

1050
 782
 1832

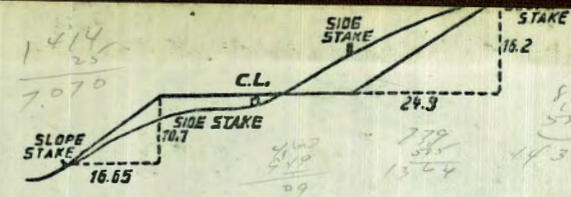
46773.95
 117' 0" angle

951
 1050
 70

330
 105

11' 0" RT
 52169.75 L. LT.

347
 661
 1008



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

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