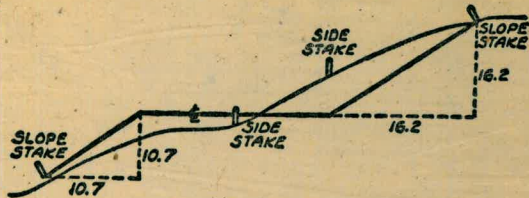


W 904



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 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.

1696

11177

80
52
28

34907
- 01687

36594
510

365940
882970

19662940

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	.81	.92	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	3.18	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	.032	.037	.043	.049	.054	.060	.067
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.077	.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	.266	.353	.440	.528	.617	.707	.797	.877	.971	1.07	1.18	1.29
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

INDEX

Alice

San Jacinto, Groveland to Imperial (Prelim) 1-5

Hueneme St. Lauretta to Riley " 6-7 ✓

Shasta St. La Playa to Crown Pl. Pr. " 8-10 ✓

Crown Pl. Dr., Shasta to Moreland " 10-15 ✓

10th St. 29th to Granada Prelim 16-18 ✓

Ozark St. Imperial to Ocean View " 19-22 ✓

56th St. Mend to Trojan " 23-27 ✓

Trojan Ave, 56th to Vale Way " 28-30 ✓

54th St. Collier to Montezuma " 31-32 ✓

Alley So. El Cajon, West Aragon " 33-34 ✓

ARAGON DR., ALLEY S. EL CAJON BLVD TO 65'S. " 35-36 ✓

ALLEY Bk 3 1/2 SHANNON E/O ROLANDO BLVD " 37-38 ✓

PECK PLACE - COLLEGE 250' E'LY " 39-40 ✓

ALLEY N/O BERRY E/O JEWELL " 41-42 ✓

MONMOUTH - JEWELL 650' W'LY " 43-44 ✓

93RD ST., STEELE ST. SLY 6" A.C. MAIN 6" STK & 6" GRD 61-62 ✓

52ND ST., POLK TO ORANGE 8" A.C. MAIN 6" STKS & 6" GRDS 63 ✓

49TH & IMPERIAL AVE. DRAIN LINE 6" STKS & 6" GRDS 64 ✓

ACORN ST. (ALLEY WLY SEMINOLE TO APPROX 700' ELY SEMINOLE 8" & 6" A.C. MAIN 5-6" 6" STK'S & 6" GRDS 65 ✓

53RD ST., EL CAJON TO TROJAN 6" STK'S & 6" GRD 6" A.C. MAIN 67-68 ✓

ACORN ST., ALLEY ELY 62ND TO 62ND MAIN 6" STK'S & 6" A.C. Prelim Group ET 69 ✓

FIN. ST. Dale to 29th 73 and 74 ✓

Alice

49th & Imperial Drain line

FIR ST., DALE TO 29th PRELIM.

WATER METERS, 33rd ST. OCEANVIEW BLVD. NOR.

alice

72✓

73✓

74✓

FIR ST., DALE TO 29th & PROFILE

75✓

ALLEY BLK. 4, W. of Edgemont, So. of "C" ST. Prelim. 76-78

alice

79

alice

Elev. Top 8" A.C. Main, 52nd ST. Polk to Orange

Profile & Proposed Water
San Jacinto Dr., Castana to
Imperial Ave.

0+00

N/L of Groveland

Sewer M.H. 143' N. of P.I. & 10' Lt.

5+59.88

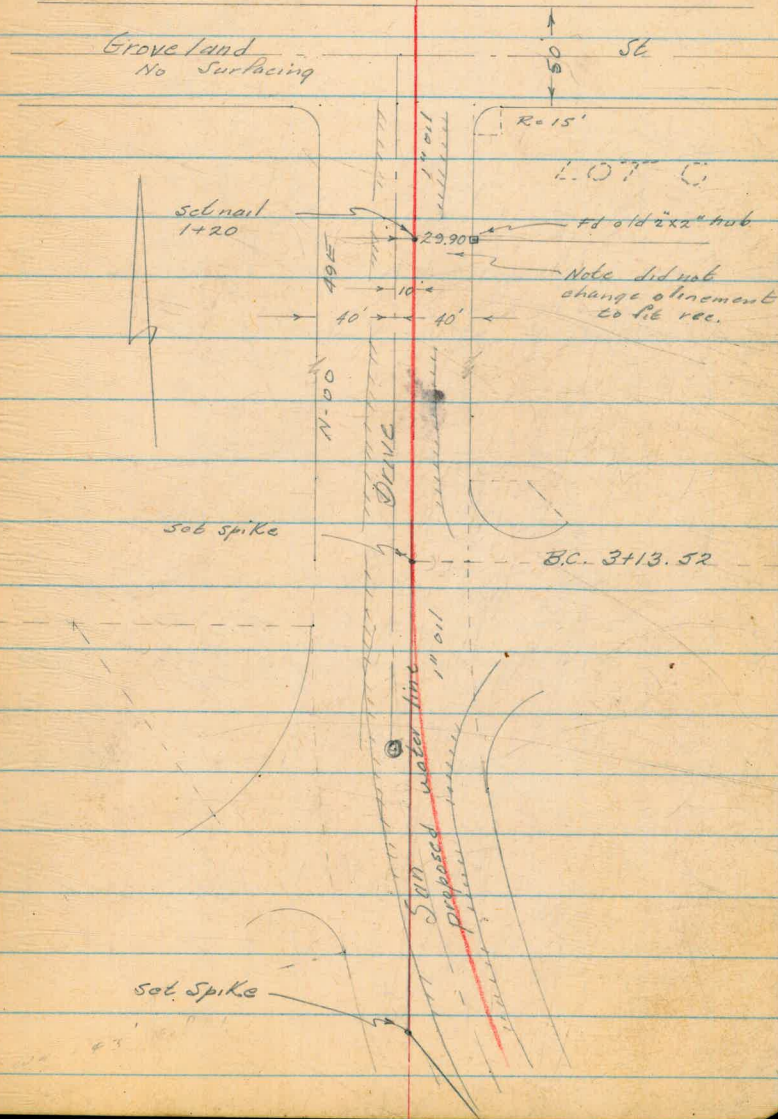
P.I. & proposed water

Went
Kemp
Alexander

2-9-55

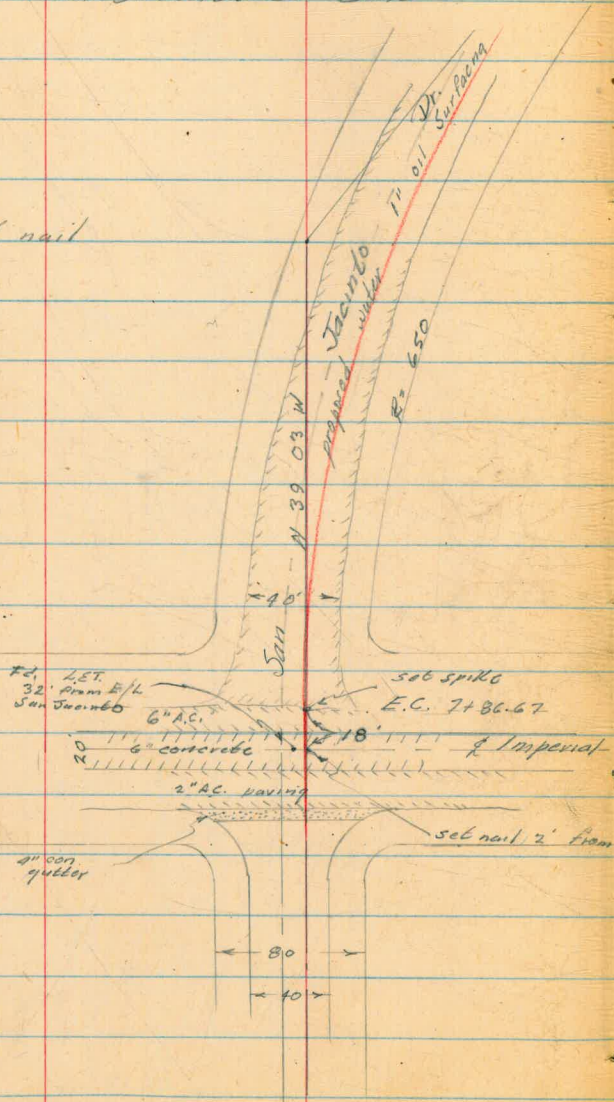
See Map 2052

Groveland
No Surfacing



San Jacinto St Cont

Pl. set nail



$\Delta = 39^{\circ} 53'$ (Rec $39^{\circ} 52'$)
 $T = 246.36$



7d L.T.
 Pl. 53rd of Imperial
 (city Eng. disc)

San Jacinto Dr. Cont.

133.17

Spike in pole Groveland & Uclid

8.70 141.87

T.P.

3.70 138.17

5.85 144.02

0.12 143.90

T.B.M. SE FH. Groveland & San Jacinto

4.90 140.30

0+00 7.6 140.70

N/L Groveland

0+25 4.3 141.0

2 "

0+38 7.6 140.7

Begin of 1" oil surface San Jacinto

0+50 7.3 141.0

1+00 5.8 142.5

1+50 4.5 143.8

2+00 4.0 144.3

2+50 3.6 144.7

3+00 3.5 144.8

3+13.52 3.6 144.7

B.C.

3+50 3.6 144.7

Reduced 2-14-55 J Gray

San Jacinto Cont.

148.30

4+00 3.4 144.9

4+15 approx. 3.6 144.84

T.P. 3.6 144.84

6.85 151.69

4+50 5.9 145.79

5+00 4.7 146.99

5+50 4.3 147.39

6+00 4.3 147.39

6+50 3.7 147.99

7+00 2.1 149.59

T.P. 0.08 151.61

10.24 161.85

7+50 9.3 152.55

7+86.67 7.1 154.75

7+88 7.2 154.65

7+95.80 6.6 155.25

8+04.67 6.5 155.35

Sewer M.H., 10" cut 6.3 to flow, (see page 2)

E.C.

Begin 6" AC paving

Begin 6" con. paving

of Imperial

San Jacinto Cont.

161.85

B+15.80 6.5 165.35

B+38 6.4 165.45

B+54.67 5.7 166.15

T.P. 6.52 155.33

769 163.02

8.02 155.00

So. edge 6" con paving

& 6' x 4" con. gutter

5/16 of Imperial

T.B.M. L.E.T. & Imperial, B'E of & San Jacinto

= 154.99 city Eng disc 53rd & Imperial

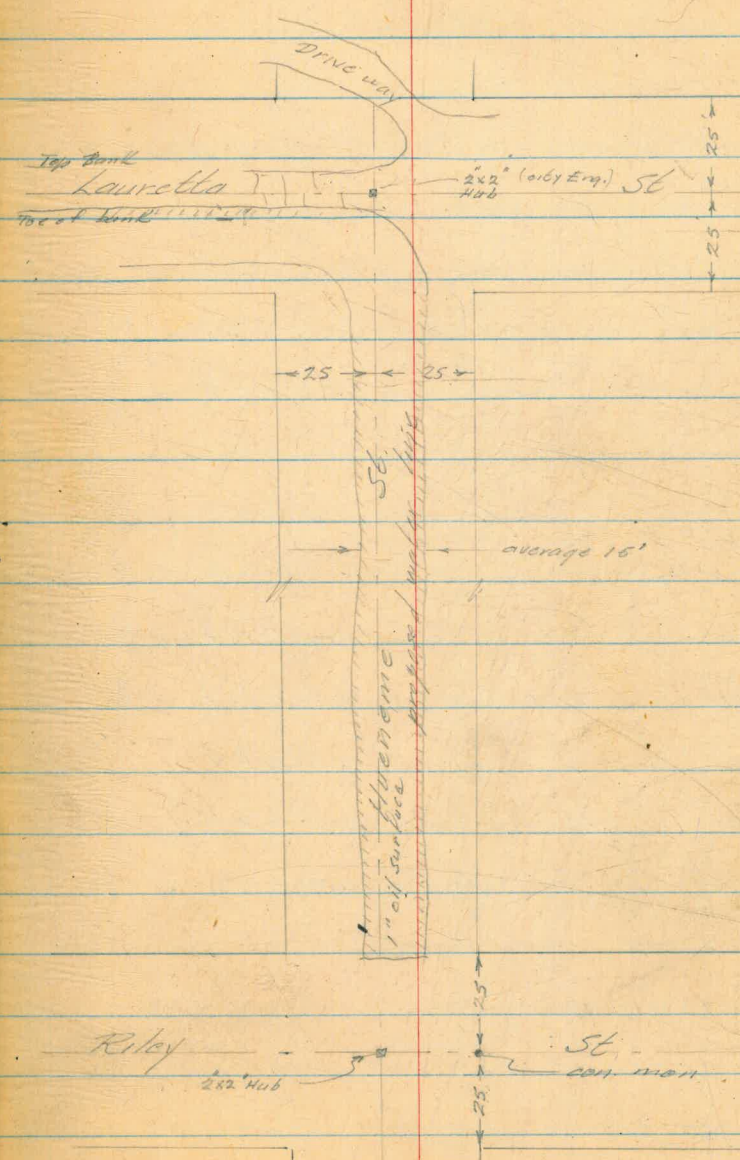
2-17-55

Profile & Proposed Water Line

Merriam St, Lauretta to Riley St

- 0+00 N/H of Lauretta St
- 0+25 E Lauretta & 2x2" hub
- 0+27 Begin of 1" oil Surfacing
- 0+50 S/H of Lauretta St

- 2+70.01 N/H of Riley, end of oil Surfacing
- 2+95.01 E Riley, 2x2" hub & con man
- 3+20.01 S/H of Riley



178.33

TBM spike in P.P. SE cor Laurella & Hueneme

6.76 185.09

0+00 0.1 185.0

+25 6.0 179.1

+30 9.3 175.8

T.P. 0.07 172.70 12.46 172.63

+00 2.7 170.0

+50 6.2 166.5

+100 7.8 164.9

+50 9.3 163.9

3+00 13.3 159.9

3+20 16.4 156.3

12.89 159.86

REMOVED BY H.C. BREWSTER
2-12-55= 159.82 con man 25' Se of N/L of Riley &
W/L of Hueneme

Profile of Proposed Water Line
Shasta St., La Playa to Crown Pt.

0+00 N/E of La Playa

0+75 S/E of La Playa

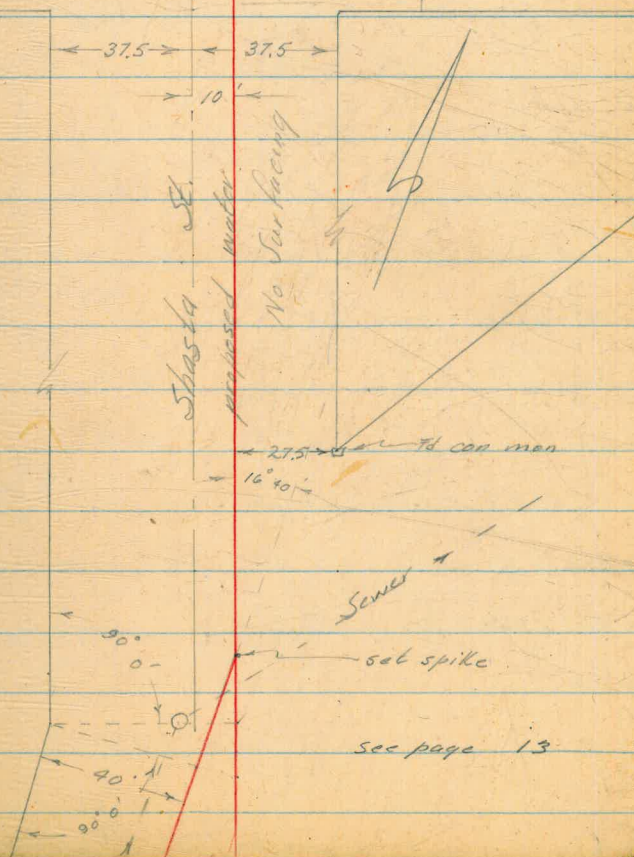
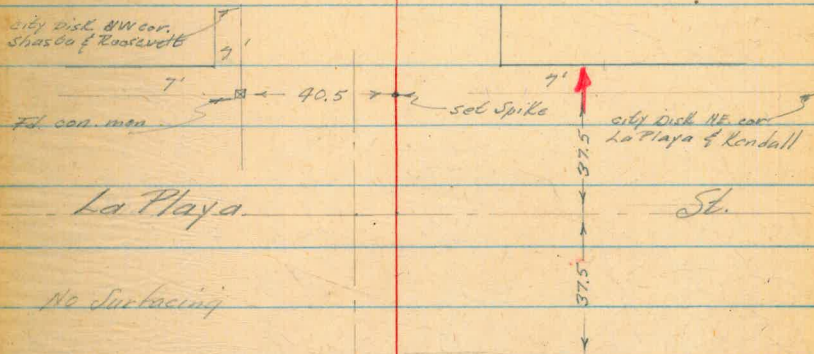
2+80.86 = 5+39.87 P.I. of two proposed lines

3+00 Angle pt. West prop. line

WEST
KEMP
ALEXANDER

8

3-1-55



Shasta Cont

	21.68	
6.44 28.12		
	2.23 25.89	
5.27 31.16		
	1.62 29.54	
1.22 30.76		
0+00	2.7	28.06
+50	2.7	28.06
1+00	3.1	27.66
+50	4.2	26.56
2+00	5.3	25.46
+50	6.2	24.56
2+80.86	6.5	24.26
2+85	6.5	
2+99	6.0	
3+00	6.6	24.16
+09	6.4	24.36

SW. B.P. Crown Pt. & Moreland

T.B.M. Se. cor, bottom step, house 3754 Shasta

Nail-in pole SW. cor. La Playa & Shasta

Pt. water lines, Crown Pt. & Shasta

Sewer crossing

Sewer M.H. 15' R.L. cut 18' to flow

No. edge 3" A.C. paving

Shasta Cont

30.76

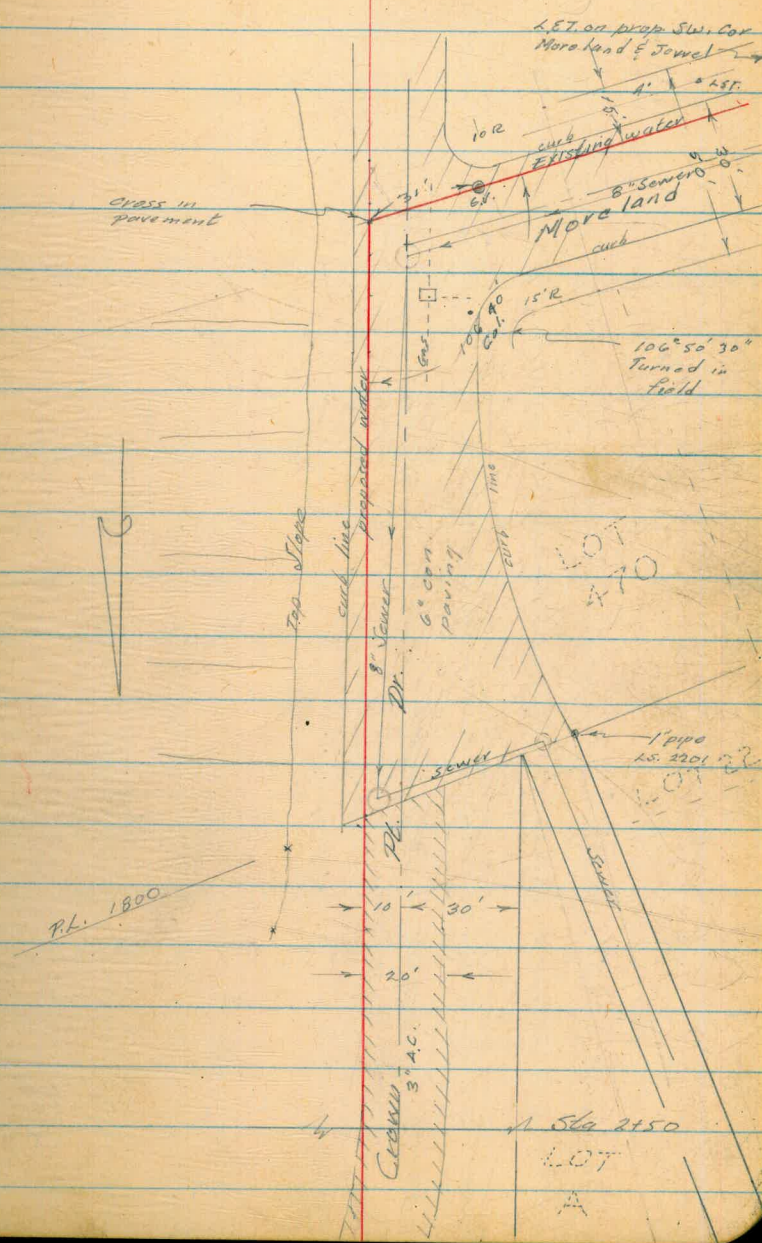
3126	6.9	24.36	2 of AC. paving
3143	7.0	23.76	So. edge of 3" AC. paving
3150	6.2	24.56	
3160	5.1	25.66	Top small berm So. edge of road
3180	7.4	23.36	Top of slope & So. edge Crown Pl Dr.
3190	10.1	20.66	Shot on slope
TP.	4.25	26.51	

1.52 28.03

6.36 21.67 = 21.68

Profile & Proposed Water Line
Crown Pt. Dr., Shasta to Moreland

0+00	S/H of Moreland produced
0+11.65	Pl. Existing Moreland & proposed water line, 8' Pl. to curb.
0+24	Sewer M.H. 10' H.
0+34	Gas M.H. 17' H.
1+00	4' Pl. to curb 23' to Top Slope
1+69	Sewer M.H. 3' H.
1+72	End con paving 6' to curb, on Pl. line
2+00	to water & edge of 20' x 9" AC, 23' Top Sl.



Crown Pt. Dr. Cont.

3+00 E edge A.C. 2' Pl., 23' Top Slope

3+50 E edge A.C. 3' Pl. 23' Top Slope

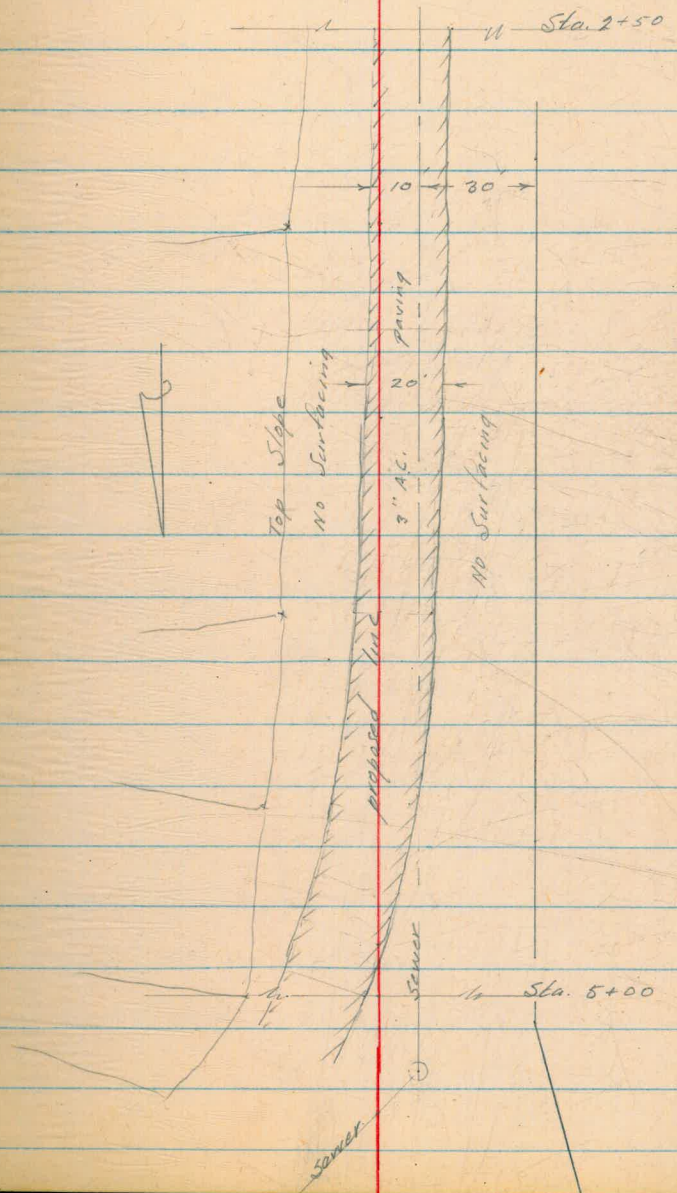
4+00 E edge A.C. 6' Pl. 26' Top Slope

4+50 E edge A.C. 12' Pl. 30' Top Slope

4+87 W edge A.C.

5+00 W edge A.C. 4' Pl. 36' Top Slope

Note: all measurements at 90° & from proposed water

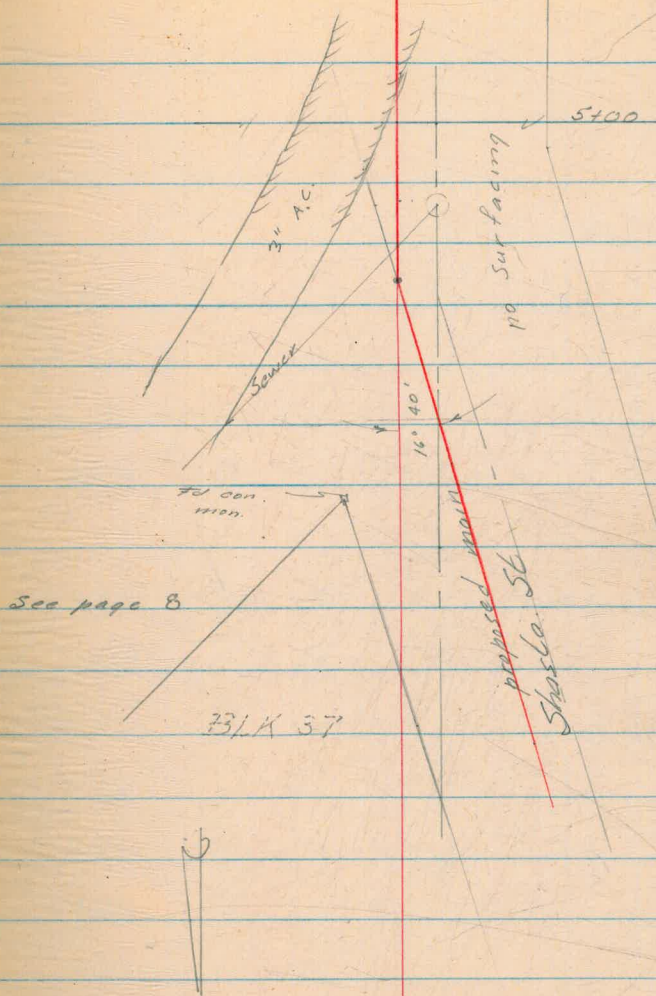


Crown Pt. Dr. Cont

5+21 Sewer MH, 10' dia.

5+32 Sewer crossing

2+80.86 = 5+39.87 P.L. of water line



21.68

Sw. R.R. Moreland & Crown Pt. Dr.

622 27.90

0+00	6.4	21.5
0+15.65	6.3	21.6
0+24	6.3	21.6
0+50	6.3	21.6
1+00	5.8	22.1
1+69	4.9	23.0
1+72	4.9	23.0
2+00	4.5	23.4
+50	4.4	23.5
3+00	4.1	23.8
3+50	4.1	23.8
4+00	3.9	24.0
4+50	3.6	24.3
4+87	3.7	24.2
5+00	3.7	24.2

3-7-55
Reduced by J. Gray

Pl., 31' LL G.V. 6.19

Sewer MH 10' LL 18' to floor line

Sewer MH 3' LL 16' to floor line
end con pavement

Edge of A.C.

	27.90		
5+20	3.72	24.18	
5+32	3.6	24.3	
5+39.87	3.6	24.3	
5+50	3.6	24.3	
	2.00	25.90	

Sewer MH. 10' LK 18' to flow line

Sewer crossing

Pl. water line = 2480.86 of P. Shasta

= 75.89 T.B.M. Bottom step 2759 Shasta

Profile of Proposed Water Line
 Fir St, 29th St to Granada

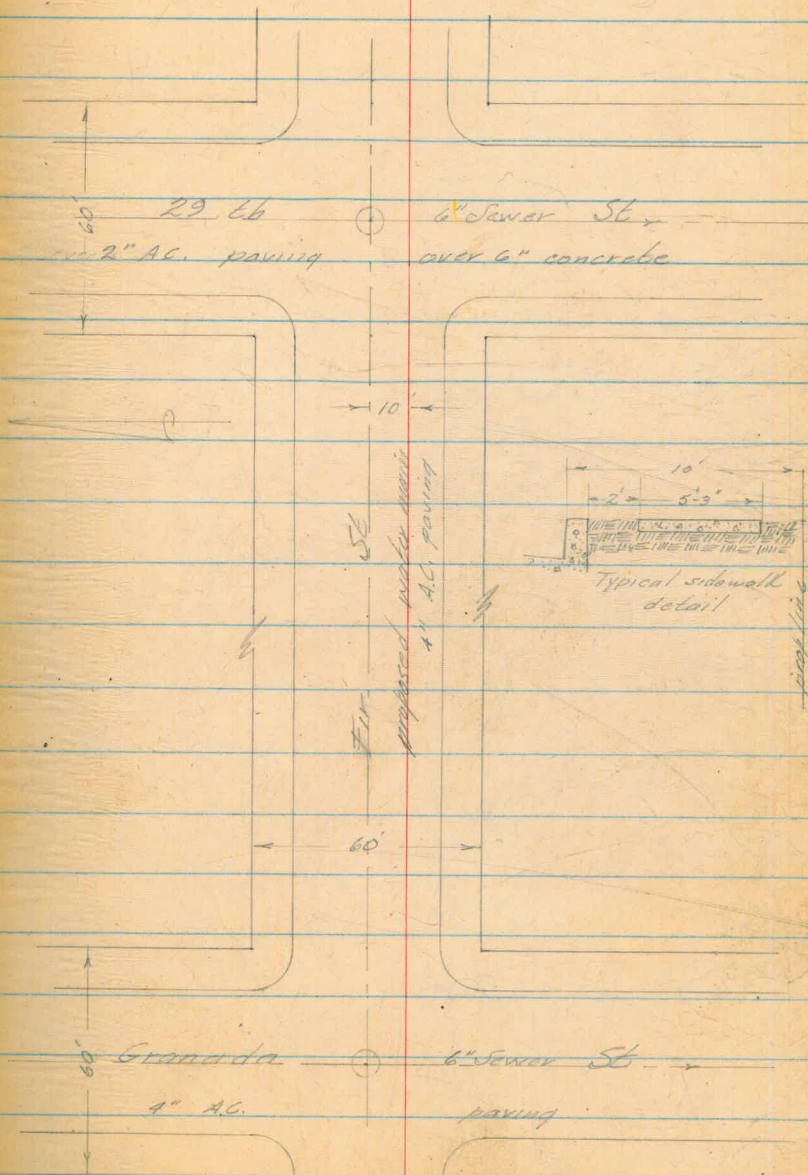
0+00. N/H of 29th St

3+90.29 N/H of Granada

Walt
 Kemp
 Holahan

16

4-13-55



FIR St Cont

		235.97	NE LET. 29th & FIR	
	221.238.18			
0+00		2.9	235.28	E/H of 29th
0+10		3.2	234.98	E curb line
0+30		3.7	234.48	E of 29th & Sewer crossing
0+30		3.51	234.67	Sewer MH. 10' Ft. 6.5 to flow
0+50		4.7	233.48	W curb line
0+61				water GV. on line
1+00		6.5	231.68	
1+50		8.3	229.88	
2+00		10.0	228.18	
2+50		11.7	226.48	
T.P.		12.26	225.92	
	5.09 231.01			
2+80.29				water GV. on line E/H of Granada
2+90		5.7	225.31	E curb line Granada
3+00		5.5	225.51	
3+10		5.6	225.41	E Granada & Sewer crossing

	231.01		
3+10	5.33	225.68	
3+30	6.5	224.51	
3+40, 29	6.5	224.51	
T.P.	2.20	228.81	
9.49	238.30		
	2.30	236.00	

Sanex MH. 10' Rl 6.5' to flow

W curb line of Granada

W/L of Granada

= 235.97 NE LET. 29' Ch. & Fir.

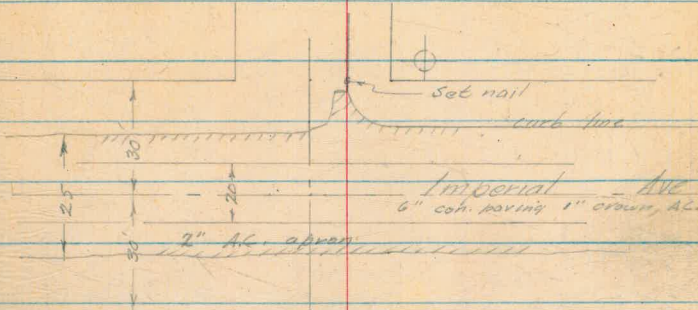
Profile & Proposed Water Line
 Ozark St., Imperial to Ocean View

West
 Kemp
 Holahan

4-15-55

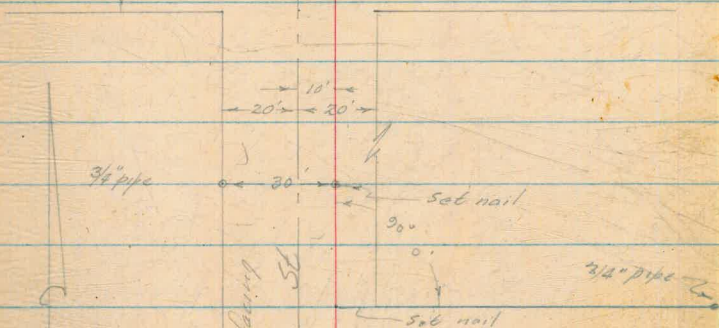
0+00

N/H of Imperial



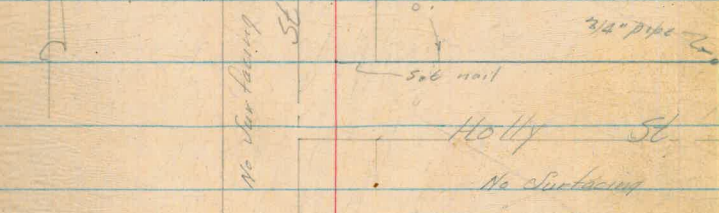
0+60

S/H of Imperial



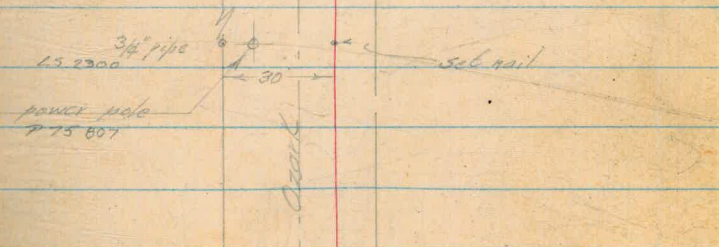
3+58.38

N/H of Holly



3+98.38

S/H of Holly



No cur facing

Ocean View

Ozark Cent

164.10

134 165.44 ✓

0+00 5.5 159.9

0+15

0+30 5.0 160.4

0+42 5.4 160.0

0+60 5.6 159.8

1+00 5.7 159.7

T.P. 6.28 159.16 ✓

10.68 169.84 ✓

1+50 9.0 159.9

2+00 9.1 160.7

2+50 7.1 162.7

3+00 4.5 165.3

3+50 3.5 166.3

4+00 3.9 165.9

4+50 5.2 164.6

5+00 6.1 163.7

NH of Imperial

Water Gt on line

E of Imperial

So edge of AC paving

SH of Imperial

Ozark Coal

169.84

T.P. 6.55 163.29 ✓

0.99 164.23 ✓

5+50 1.5 162.7

6+00 3.0 161.2

6+50 4.3 159.9

7+00 4.9 159.3

7+50 5.2 159.0

8+00 6.1 158.1

8+50 7.3 156.9

9+00 9.7 154.5

T.P. 10.24 153.99 ✓

0.32 154.31 ✓

9+50 4.6 149.7

10+00 10.0 144.3

T.P. 12.68 141.63 ✓

1.25 142.88 ✓

10+50 2.2 140.7

11+00 4.2 138.7

Ozark Carb.

142.88

11+50 5.0 137.9

12+00 5.9 137.0

12+50 7.6 135.3

13+00 8.4 134.5

13+50 8.3 134.6

13+58.40 7.9 135.0

7.94 134.94 ✓

BM. Spl. in pt. No. 78999 NW cor. Ocean View of
Ozark St.

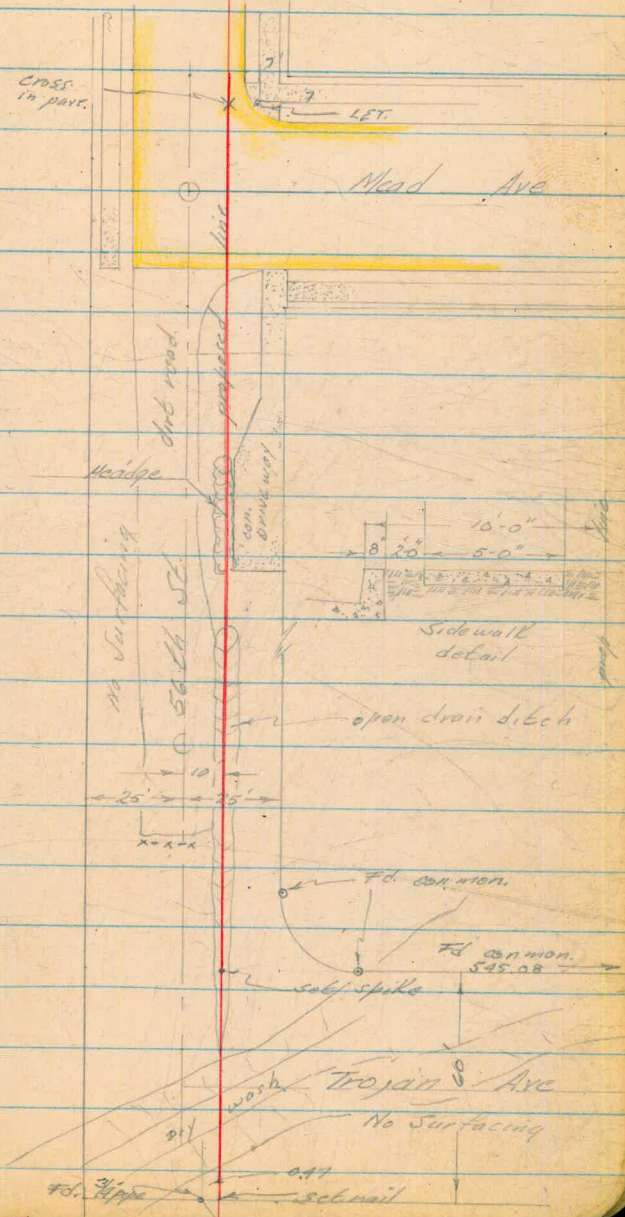
Profile & Proposed Water Line
56th St Mead Ave to Trojan Ave

0+00 N/W of Mead
1+39 So. end con drive
4+80 Barricade of end of dirt road
6+60.30
7+20.30 S/W of Trojan

West
Kemp
Halahan

23

4-18-55



See maps
2211
2598

NE Cor Lot
3 Bk. 14

set nail

Reduced
by rocky
cut

56th St. Curb

437.77

NW. B.P. El Cajon & 56th St.

0.25 438.02

11.76 426.26

1.81 428.07

0+00 6.1 422.0

0+10 6.1 422.0 N curb line

0+30 6.9 421.7 E of Mead

0+30 6.27 Sewer M.H. 10' Rt

0+40 Water G.V. 15' Lt

0+43 " " 20' Lt

0+50 6.6 421.5 So curb line & end of paving

0+51 7.4 20' Lt

T.P. 3.27 424.80

1.62 426.42

Rt. 421.3 421.4 422.4 16

0+55 5.0 421.4

5.1/10 5.0/8 4.0/5 4.3/8 edge of Dr.

0+59 3.6 422.8

56th Cont

Redid
by Rocky.

426.42
0+68 2.4 424.0

1+00 2.7 423.7

1+24 3.4 423.0

1+39 3.2 423.2

1+50 5.1 421.3

2+00 9.9 416.5

T.P. 12.30 414.12

0.12 414.24
2+50 3.0 411.2

3+00 8.2 406.0

3+50 13.1 401.1

RB
420.6 420.8 423.6 424.0 423.6 LB
5.8 5.6 2.8 2.4 2.8 edge condense
10 5 7 0 8

419.6 419.4 423.7 424.5
6.8 7.0 2.7 1.9
10 4 0 8 " " "

418.9 418.4 419.2 422.0 423.0 423.2
7.5 8.0 7.8 9.4 3.4 3.2
10 7 5 2 0 7 " " "

417.9 418.4 422.1 423.2 423.2
8.5 8.0 4.3 3.2 3.2
10 6 7 0 7 " " " cond

417.3 417.3 420.1 421.3 422.6 423.6
9.1 9.1 2.3 5.1 3.8 2.8
10 6 4 0 5 10

414.4 414.2 416.5 418.5
12.0 12.2 9.9 7.9
10 6 0 10

411.0 411.2 413.1 413.2
3.2 3.0 1.1 1.0
10 7 5 10

407.2 406.0 406.0 408.9 409.4
7.0 8.2 8.2 5.3 4.8
10 0 2 3 10

402.6 402.2 401.1 401.1 403.7 404.3
11.6 12.0 13.1 13.1 10.5 9.9
10 5 0 2 6 10

Redd'd by Rocky

56 lb Cant

414 24

RT 4 1E

T.P. 13.14 401.10

023 401.33

3+90 12.7

Sewer M.H. 10' RT

4+00 5.5 395.8

398.7 398.1 396.2 395.8 396.3 398.4 398.4
2.6 3.2 5.1 5.5 5.0 2.9 2.9
10 3 2 7 2 3 10

4+50 9.4 391.9

394.2 393.6 391.9 391.8 393.8 393.7
2.1 2.7 2.4 2.5 2.5 2.6
10 3 0 4 4 10

5+00 12.4 388.9

390.2 390.2 388.9 390.5 390.2
11.1 11.1 12.4 10.8 11.1
10 5 5 7 10

T.P. 12.50 388.83

017 389.00

5+50 3.5 385.5

387.5 387.0 385.5 385.6 387.0 387.0
1.5 2.0 3.5 3.4 2.0 2.0
10 7 0 2 2 10

6+00 4.6 384.4

6+50 9.4 379.6

T.P. 6+60.30 12.19 376.81

BM. con Man 40' East & water

5.02 381.83

6+89 5.02

Sewer M.H. 10' RT

Rede'd
by Rocky.

56th Cont

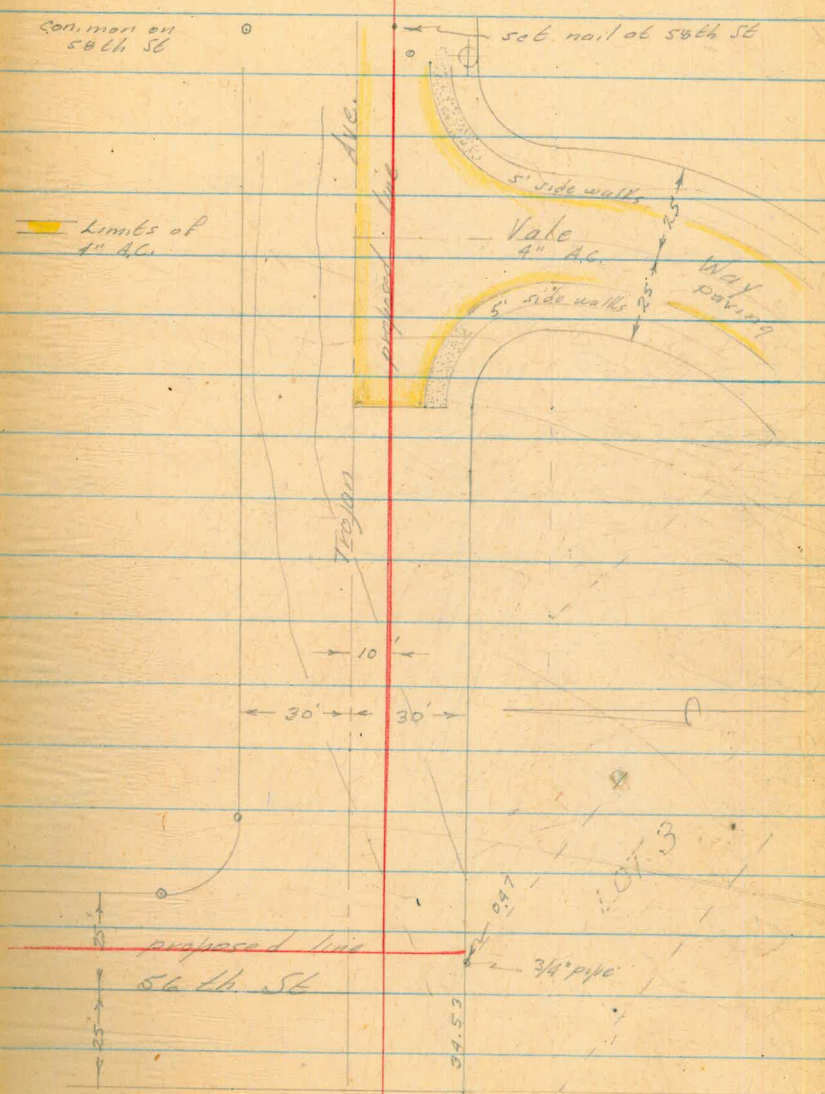
381.83

7+00	7.0	374.8	Top dry wash
7+01	10.6	371.2	Bottom
7+10	10.2	371.6	Bottom
7+10	8.3	373.5	Top
7+20.30	9.9	371.9	S/E of Trench
T.P.	5.02	376.81	Con man 40' Lt

Profile & Proposed Water Line
Trojan Ave, Vale Way to 56th St

West
Kemp
Holohan

4-19-55



Revised
by Rocky

WERT
KEMP T
HOLAHAN &

29

4-19-55

PROFILE & PROPOSED WATER LINE
TROJAN AVE, VALE WAY TO 56TH ST.

376.81

CON. MON. 40' L STA. 6+60.30 ON 56TH ST.

10.83 387.64

0+00	70.2	387.8
0+34.50		
0+39		
0+45	31	384.5
0+45	30	
0+50	34	384.2
+92	54	382.2
1+00	49	382.7
1+50	48	382.8
1+95	63	381.3
2+00	82	379.4

WATER GATE VALVE 4' LEFT

" " " &

SEWER CROSSING

" M.H. 10' RIGHT

END 4" A.C. PAVE & ST. BARRICADE

	RIGHT	382.5	382.3	382.7	LEFT	
	12.4	51	5.3	4.9	5.2	382.4
	49'	39'	10'	0	9'	
375.2						
		382.4	382.8		382.8	
	13.2	52	4.8	4.8		
	26'	6'	0	9'		
		375.3	381.3		381.9	
	12.3	6.3	5.7			
	16'	0	9'			

Rede'd.
by Rocky.

TROJAN AVE. CONT.

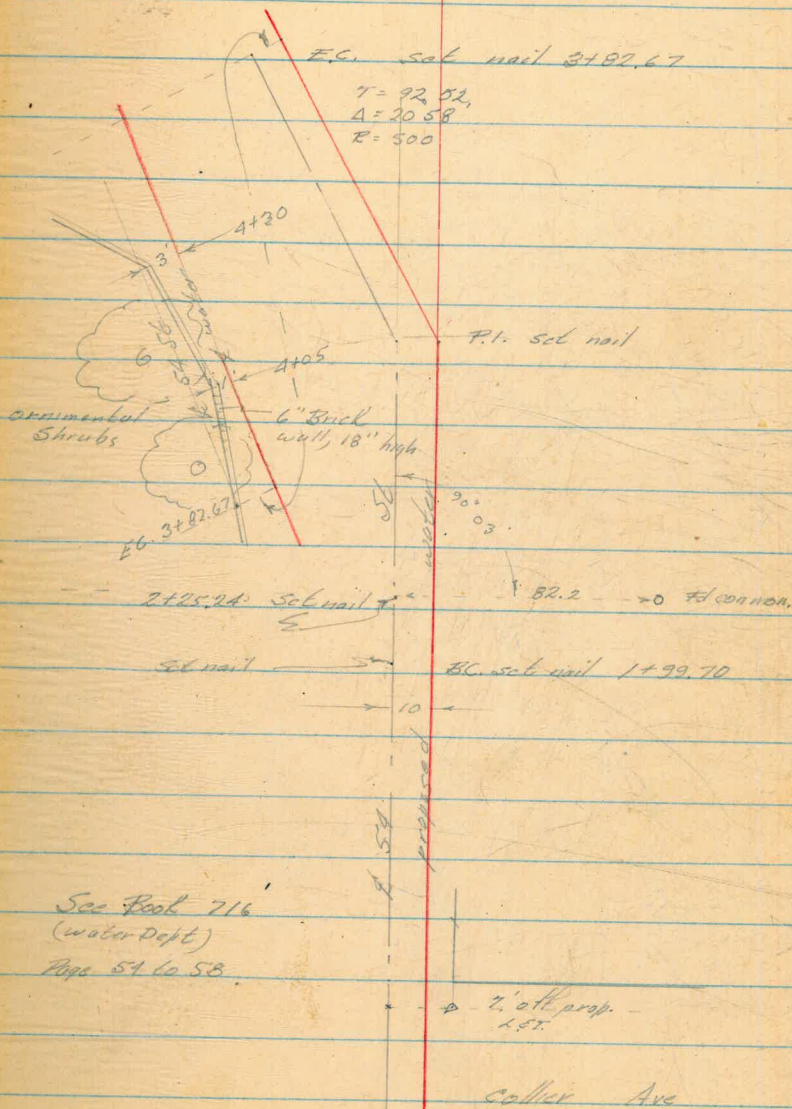
				RIGHT	LEFT
	387.64			371.7	374.3
2+13		133	374.3	$\frac{15.9}{12}$	$\frac{10.0}{9}$
T.P.		R.60	375.04	373.5	377.6
	671	381.75		374.6	
2+30		81	373.7	$\frac{13.0}{8}$	$\frac{15.3}{0}$
				375.3	372.3
2+31		29	371.9	$\frac{6.5}{11}$	$\frac{9.9}{0}$
				371.7	373.7
2+44		10.5	371.3	$\frac{10.1}{6}$	$\frac{8.1}{0}$
				371.9	372.3
2+44		6.9	374.9	$\frac{9.9}{1}$	$\frac{9.1}{0}$
				376.2	373.6
2+50		6.3	375.5	$\frac{5.6}{11}$	$\frac{6.9}{0}$
				374.9	371.3
2+55		5.7	376.1	$\frac{10.5}{1}$	$\frac{9.9}{10}$
				371.9	373.6
2+55		4.95		$\frac{8.2}{11}$	
2+79.54		5.0	376.8		
T.P.		4.93	376.82 = 376.81		

COMMON. 90' L. STA. 6+60.30 ON 56TH ST.

Profile of Proposed Water Line
 54th St. Collier Ave to Montezuma

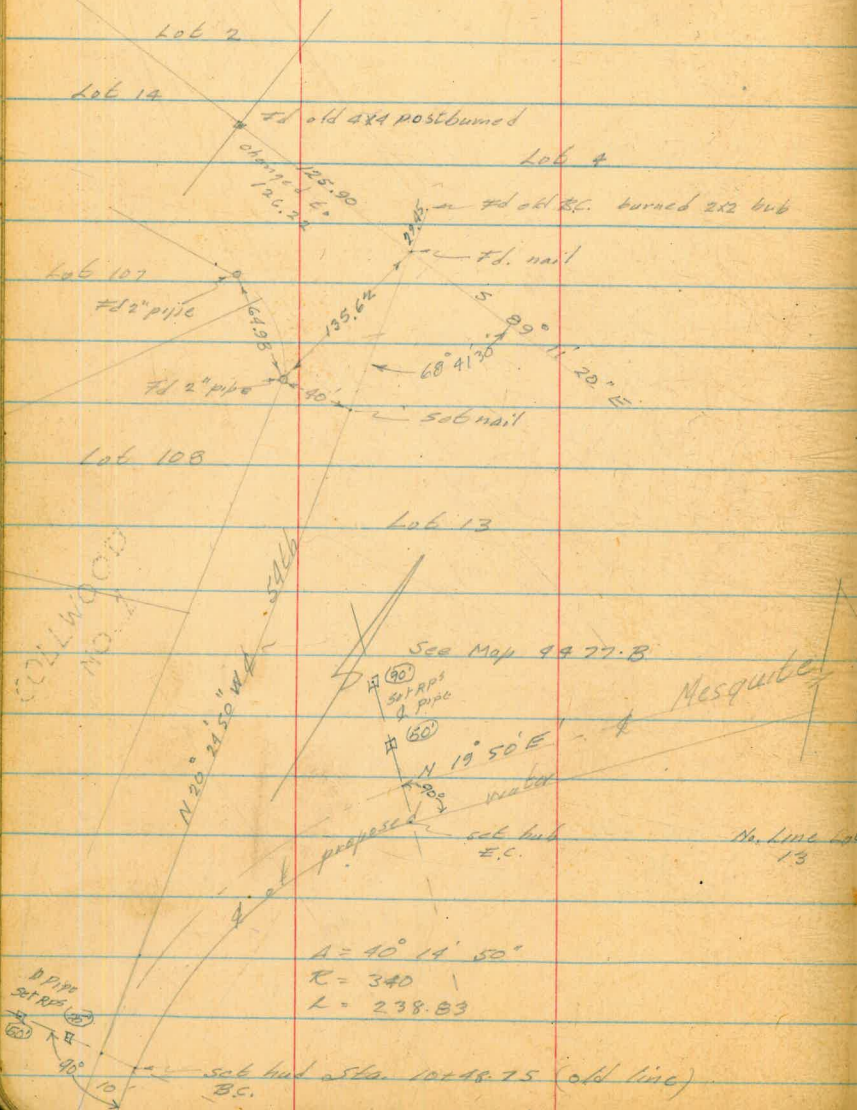
Verb
 Kemp
 Holton

4-22-55



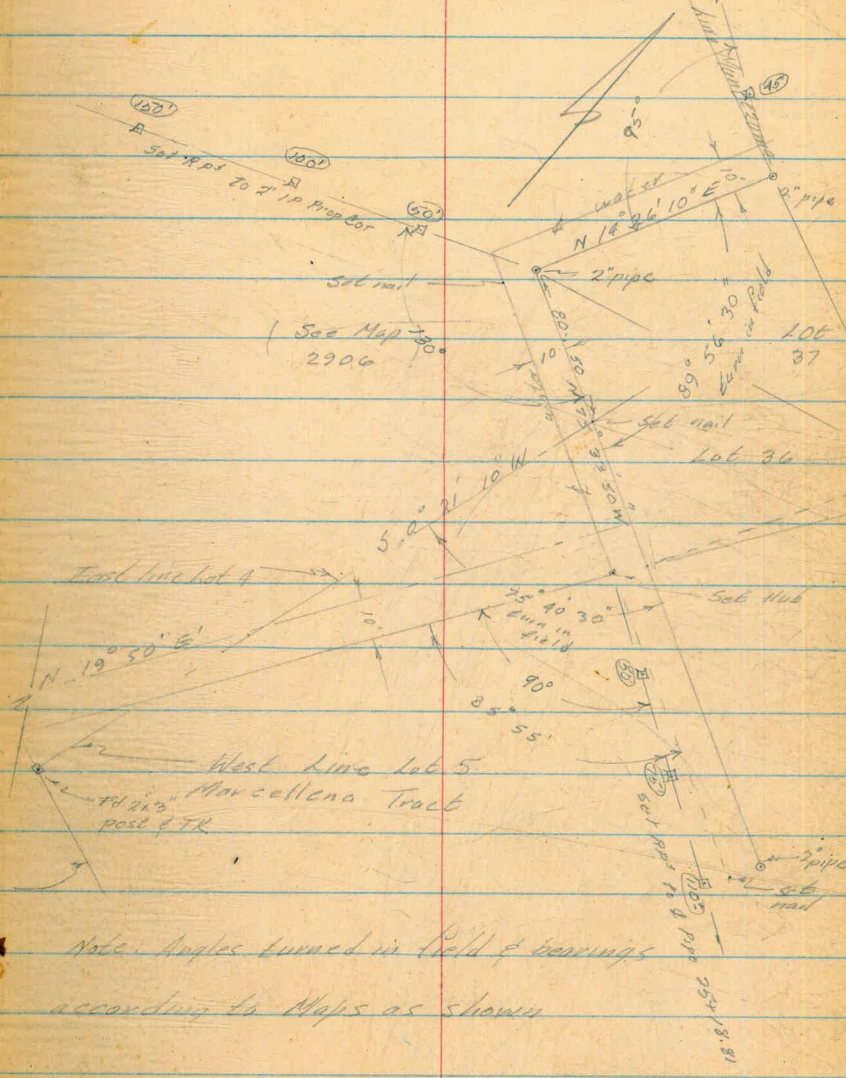
See Book 716
 (water Dept)
 Page 57 to 58

54th St Cont



$A = 40^{\circ} 14' 50''$
 $R = 340$
 $L = 238.83$

set hub 55 ft. 10008.75 (old line)
 B.C.



Note: Angles turned in field & bearings
 according to Maps as shown

WERT
KEMP X
HOLAHAN
ALEXANDER

4-25-55

PROFILE of PROPOSED WATER

59TH ST., COLLIER AVE. TO MONTAZUMA RD.

413.40

NE BR ADAMS & 59TH ST.

6.02 419.42

T. P.

8.01 411.41

2.62 414.03

6.35 407.68

0.71 408.39

11.85 396.54

13.5 397.89

12.72 385.17

0.33 385.50

10.86 374.64

0.19 374.83

12.09 362.75

1.12 363.87

T. P.

9.14 354.73

1.81 356.54

TBM

B.C. STA 10+98.75

54TH ST. CONT.

356.54

10 + 48.75	1.8	354.74	P.C. & WATER
10 + 75	3.4	353.14	
11 + 00	5.1	351.44	
11 + 25	7.3	349.24	
11 + 50	11.0	345.54	
T.P.	12.87	343.67	

0.23 343.90

11 + 75	2.3	341.6	
12 + 00	7.5	336.4	
12 + 25	12.9	331.0	
T.P.	12.93	330.97	

0.11 331.08

12 + 50	7.2	323.88	
T.P.	12.82	318.26	

0.74 319.00

12 + 75	3.1	315.9	
12 + 83	6.7	312.3	BREAK

54TH ST. CONT.

319.00

12 + 87.58	9.2	309.8	EC. & WATER T.B.M.
T.P.	918	309.82	EC. STA 12 + 87.58
-1.58		311.40	
13 + 00	7.6	303.8	BREAK IN SLOPE.
13 + 05	11.4	300.0	" " "
T.P.	12.77	298.63	
1.75		299.98	
13 + 25	10.4	289.58	BREAK " "
T.P.	13.27	286.71	
0.38		287.09	
13 + 42	3.0	284.09	" " "
13 + 50	4.5	282.59	
13 + 84	2.0	278.09	" " "
13 + 93	10.7	276.39	
14 + 00	10.7	276.39	
14 + 37	12.1	274.99	TOP 20. STREAM BANK
14 + 37	15.2	271.89	BOTTOM " " "

10.90

59TH ST. CONT.

287.09

14 + 96	15.3	271.79	BOTTOM NO. STREET BANK
14 + 96	13.3	273.79	TOP " " "
14 + 50	12.5	279.59	
14 + 52	10.8	276.29	SEWER CROSSING
14 + 52	10.90	276.19	" M.H. 10' LEFT CUT TO FLOW 6.8
T.P.	10.90	276.19	" " EAST RIM

12.31 288.50

14 + 75	12.5	276.0	
15 + 00	9.9	278.16	
15 + 50	3.3	285.2	
T.P.	0.40	288.10	

12.66 300.76

16 + 00	10.9	289.86	
16 + 50	5.8	294.96	
16 + 63.50	2.39	298.12	SEWER M.H. 10.5' LEFT
17 + 00	0.2	300.56	
T.P.	0.06	300.70	

12.51 313.21

59TH ST. CONT.

313.21

17+50 6.8 306.41

18+00 1.5 311.71

T.P. 0.36 312.85

12.80 325.65

18+50 8.2 317.45

19+00 2.8 322.85

T.P. 0.22 325.93

12.91 338.39

19+50 2.6 328.74

19+64 6.2

TOP SPILL PILE

19+64 5.89 327.47

SEWER M.H. 10' LEFT

19+81 5.9 332.14

20+00 4.0 334.34

T.P. 0.60 337.74

12.93 350.67

20+50 10.8 339.87

21+00 5.0 345.67

54th ST. CONT.

350.67

T. P. 0.36 350.31

12.93 363.24

21+50 11.9 351.24

22+00 6.6 356.64

22+50 1.5 361.74

T. P. 0.52 362.72

10.93 373.65

22+65 8.32 364.33 SEWER M.N. 9' LEFT

23+00 9.2 364.45

23+50 6.9 366.75

24+00 5.1 368.55

24+50 3.0 370.65

25+00 0.4 373.25

T. P. 0.16 373.49

2.41 382.90

25+17 9.5 373.4

25+18.81 10.7 372.2

59TH ST. CONT.

382.90

T.P.

9.34 373.56

12.42 385.98

25+23

11.4

374.58

T.B.M. RIGHT

LEFT

STORM DRAIN HEAD WALL 2.9' RIGHT X

25+23

7.16

378.82

SEWER M.H. 9' RIGHT

25+21

8.5

3.9	7.0	8.5
10'	5'	0

TOP SLOPE

25+50

6.6

0.2	3.9	6.6
10'	5'	0

TOP SLOPE

25+75

2.8

42.6	0.2	2.8
10'	5'	0

T.P.

0.16 385.82

12.39 398.21

26+00

7.7

370.51

3.0	5.8	7.7
10'	5'	0

T.P.

0.78 397.43

12.80 410.23

26+25

7.6

4.7	5.5	7.6
10'	5'	0

26+38

1.8

378.00

TOP SLOPE

6.0	0.9	1.8
10'	5'	0

59TH ST. CONT

410.23

T.P.

1.60 908.63

10.28 919.01

26+50

7.6

26+75

9.1

26+93.25

2.7

27+00

2.6

T.P.

2.28 416.53

0.52 417.05

27+50

2.4

27+74

5.0

27+89

4.7

RIGHT

LEFT

$\frac{6.5}{10'}$ $\frac{7.3}{5'}$ $\frac{7.6}{0}$

$\frac{3.3}{10'}$ $\frac{3.7}{5'}$ $\frac{4.1}{0}$

AHEAD
 $\frac{3.9}{10'}$ $\frac{2.8}{5'}$ $\frac{2.7}{0}$ AHEAD

$\frac{2.0}{10'}$ $\frac{2.5}{5'}$ $\frac{2.6}{0}$

T.B.M.

2" IRON PROP. PIPE INTER. LOTS 36237

$\frac{3.1}{10'}$ $\frac{2.6}{5'}$ $\frac{2.9}{0}$

$\frac{4.6}{10'}$ $\frac{4.8}{5'}$ $\frac{5.0}{0}$

TOP SLOPE $\frac{4.8}{10'}$ $\frac{4.9}{5'}$ $\frac{4.7}{0}$

54TH ST. CONT

417.05

28+00 8.9 408.1

28+05 10.6 406.5

28+15 12.3

T.P. 12.63 404.92

1.62 406.11

28+50 7.9 401.2

29+00 8.0 398.1

29+23 8.2

29+50 7.7

30+00 7.1

RIGHT

4.9 7.1 8.2
10' 5' 0

TOE SLOPE 7.2 9.2 10.6
10' 5' 0

TOE SLOPE 10.8 11.6 12.3
10' 5' 0

1.9 TOE SLOPE 3.2 4.1 4.9
10' 7.5' 5' 0

TOE SLOPE 5.3 7.4 8.0
10' 5' 0

TOE SLOPE ON R 2.5 5.3 8.2
10' 5' 0

No. 605931H TOE SLOPE 5.9 7.1 7.7
TOE POLE 5' RIGHT 10' 5' 0

7.1 6.8 7.1
10' 5' 0

54TH ST. CONT.

406.11

T.P. 852 397.59

12.31 409.90

30+32 11.5

T.B.M.
2" PROP. PIPE, N.W. COR SUBDIVISION

10.9 11.2 11.5
10' 5' 0

SO. EDGE D.C. PAVE MONTALUMA RD

30+50 11.2

10.6 11.0 11.2
10' 5' 0

30+73 12.0

E. EDGE MONTALUMA RD 10' 5' 0

T.P. 0.01 409.89

11.79 421.28

0.07 421.61

12.43 434.09

0.40 433.64

12.65 446.29

0.26 446.03

10.66 456.07

3.04 453.05

2.78 455.93

8.24 447.59 = 447.52 NEBD 55TH ST & LINDO POSEO

Profile of Proposed Water Line
Alley So. El Cajon & West of Aragon

0+00

E/W of Aragon

0+03

Take crossing, under sidewalk

PI = 0+15.36

0+54.38

W/W of Aragon

2+76.70

E/W of Filipo

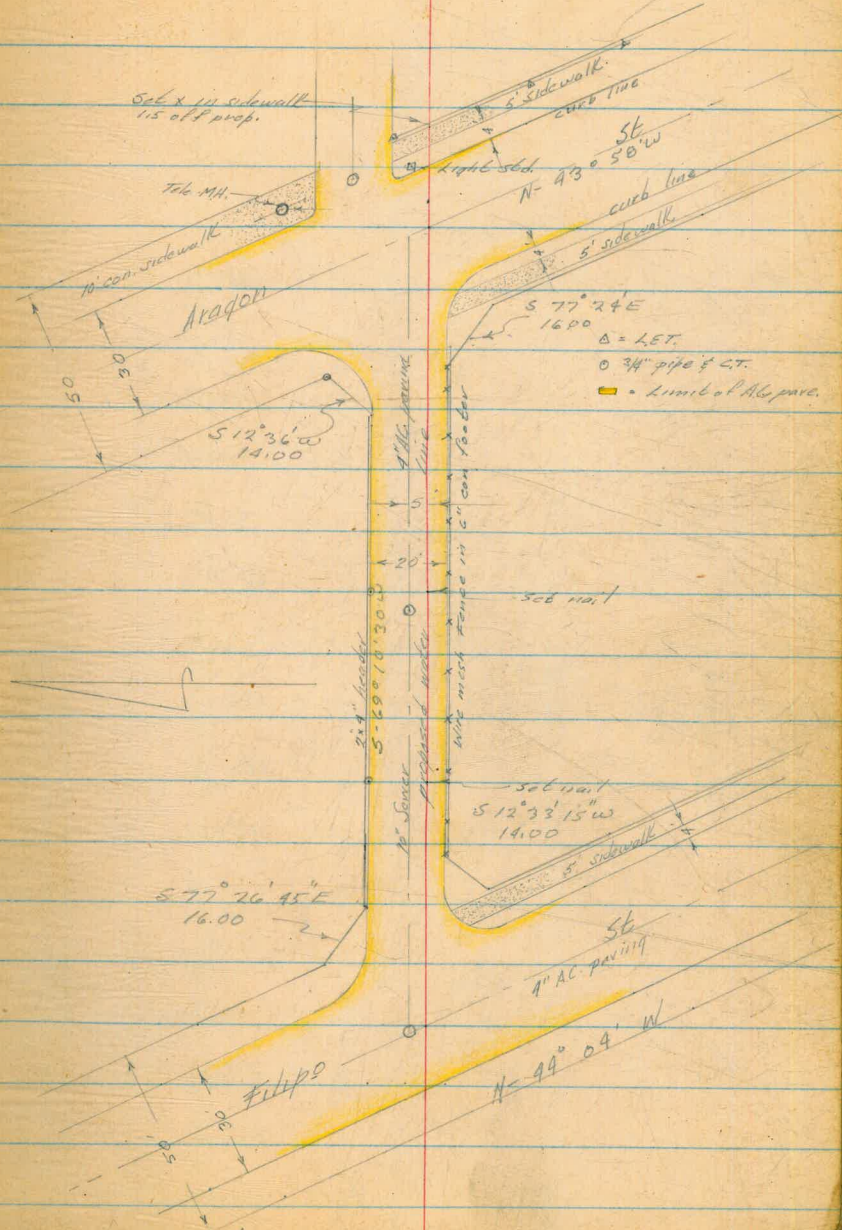
3+31.19

W/W of Filipo

WERT
KEMP
HOLAHAN
ALEXANDER

43

6-8-55



		454.11		B.M. 1000 pin in NW curb ret. of Alley & Aragon St.
	5.35	459.46 ✓		
0+00		4.4	455.1	
0+10.7		4.8	454.7	E curb line
0+18				to L.M.H. 30' Rt
0+22.19		5.0	454.5	& Aragon
0+43		5.3	454.2	W curb line
0+50		5.2	454.3	
1+00		5.3	454.2	
1+50		5.1	454.4	
1+66.5		4.98	454.48	Sewer M.H. 5' Rt. cut 6.0 to flow
2+00		4.7	454.8	
2+50		4.4	455.1	
2+82		4.3	455.2	E curb line
3+00		4.1	455.4	Sewer crossing
3+00		4.10	455.36	Sewer M.H. 35' Rt. cut 6.5 to flow
3+15.5		3.9	455.6	W curb line
3+25		3.2	456.3	
T.P.		4.72	454.74	
466	459.40	5.30	454.10 ✓	= B.M.

448.5

448.9

Profile of Proposed Water
 Aragon Dr, Alley S. of El Cajon Blvd
 to 65' South.

1+39.73 PI

1+52.42

INTERSECTION WATER ARAGON

& ALLEY 1+52.42 ARAGON =

1+35

10" SEWER CROSSING

0+37

END RAISED CURB WARTS

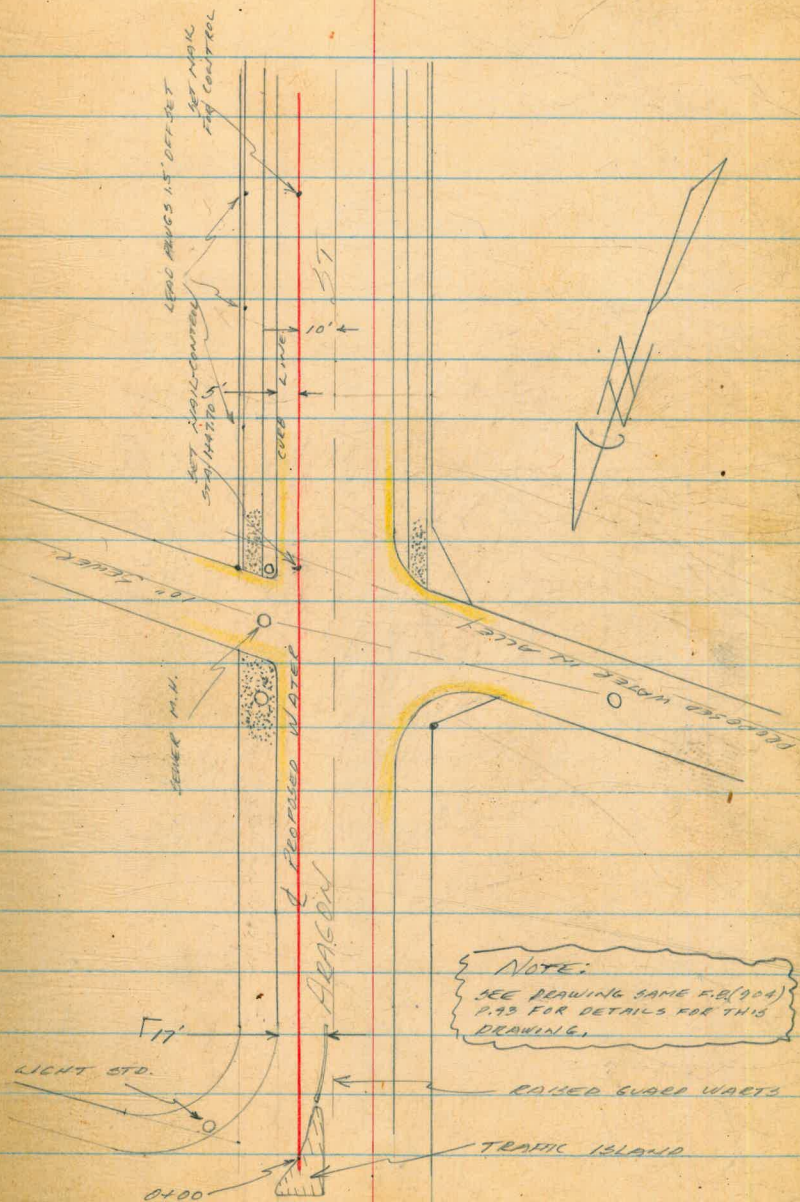
0+00

1/2 EL CAJON E' EDGE TRAFFIC ISLAND

KENT
 HOLMAN &
 ALEXANDER T

6-23-55

45



ARAGON DE. CONT

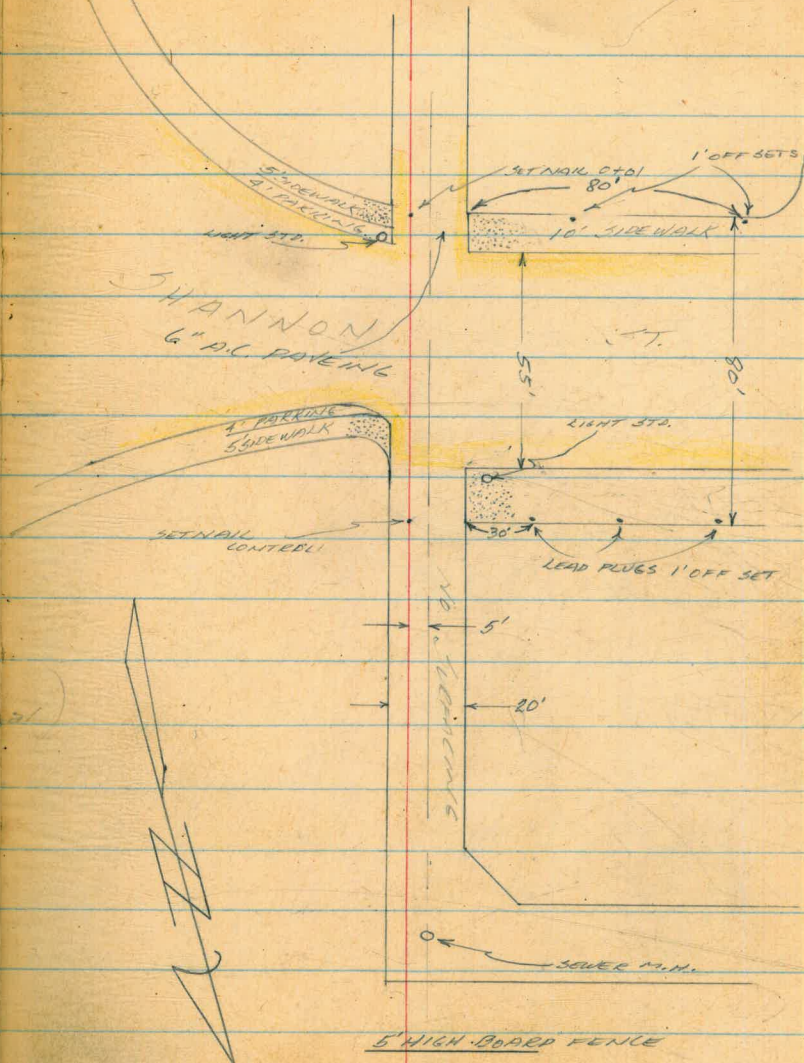
		454.11		NW 100N PLUG IN CURB ARAGON & ALLEY 3.25 CAJON
	5.80	459.91		
0+00	7.2	452.7		3/4 EL CAJON BLVD. & EDGE TRAFFIC ISLAND
0+50	7.1	452.8		
1+00	6.5	453.4		
1+35	5.9	454.0	7-15-55	SEWER CROSSING
1+35	5.78	454.1	ROOF	" M.H. 15' LT.
1+50	6.7	453.2		
1+52.42	5.7	454.2		WATER LINE INTERSECT. (SEE DRAWING)
2+00	5.1	454.8		
2+50	4.5	455.4		END PROFILE
T	5.78	454.13		BEGINNING BENCH

KEMP
HOLAHAN &
ALEXANDER T

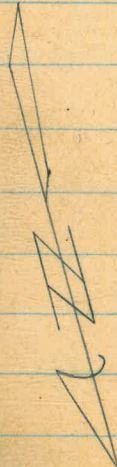
PROFILE of PROPOSED WATER LINE
ALLEY BLDG. 3, N. SHANNON AVE. & E. OF
ROLANDO BLVD.

0+00

S/C SHANNON AVE.



NOTE:
(See profile notes for additional details)



5' HIGH BORED FENCE

ALLEY BLK 3

CONT

454.11

4.95 459.06

TP

6.24 452.82

6.41 459.23

0.10 459.13

0.10 459.53

0+00

3.8

0+07

0+10

4.4

0+35

4.7

0+50

5.4

0+57

5.7

0+66

6.5

0+66.5

0+77

5.1

1+00

5.2

1+50

5.5

1+87

6.2

NW IRON PILE IN CURB ARAGON & ALLEY 1/2 EL CANYON

RIGHT

LEFT

T.B.M. TOP F.H. S.W COR SHANNON & ROLANDO

 $\frac{3.7}{5}$ $\frac{3.8}{5}$ $\frac{3.8}{5}$ $\frac{3.6}{15}$

ORNAMENTAL LIGHT STANDARD 8' RIGHT

FLY GUTTER SHANNON

 $\frac{4.4}{5}$ $\frac{4.4}{5}$ $\frac{4.2}{5}$ $\frac{4.2}{15}$

E. SHANNON

 $\frac{5.3}{5}$ $\frac{5.4}{5}$ $\frac{5.3}{5}$ $\frac{5.1}{15}$

FLY GUTTER

 $\frac{5.7}{5}$ $\frac{5.7}{5}$ $\frac{5.6}{5}$ $\frac{5.4}{15}$

GAS CROSSING

 $\frac{5.4}{5}$ $\frac{5.5}{5}$ $\frac{5.5}{5}$ $\frac{5.4}{15}$

ORNAMENTAL LIGHT STANDARD 18' LEFT

EDGE 6" A.C.

 $\frac{5.0}{5}$ $\frac{5.1}{5}$ $\frac{5.1}{5}$ $\frac{5.0}{15}$ $\frac{5.0}{5}$ $\frac{5.2}{5}$ $\frac{5.2}{5}$ $\frac{5.1}{15}$ $\frac{5.7}{5}$ $\frac{5.5}{5}$ $\frac{5.5}{5}$ $\frac{5.6}{15}$

4' SEWER CROSS TO MH 3.8' TO FLOW

ALLEY BLOCK 3 CONT

459.53

1+90 6.26 453.27

2+00 6.5

2+15 7.2

2+18 7.5

TP 3.17 456.36

1.63 457.99

3.87 454.12 = 454.11

RIM SEWER MH 5' LEFT 2.8.4' TO FLOW

 $\frac{6.7}{5}$ $\frac{6.5}{5}$ $\frac{6.2}{5}$ $\frac{6.1}{5}$ $\frac{7.3}{5}$ $\frac{7.2}{5}$ $\frac{7.3}{5}$ $\frac{7.2}{5}$ $\frac{7.5}{5}$ $\frac{7.5}{5}$ $\frac{7.5}{5}$ $\frac{7.1}{5}$

CHK BM NW COR ARAGON + ALLEY S/O EL CAJON

PECK PLACE FROM COLLEGE ELY TO TEMIAMS

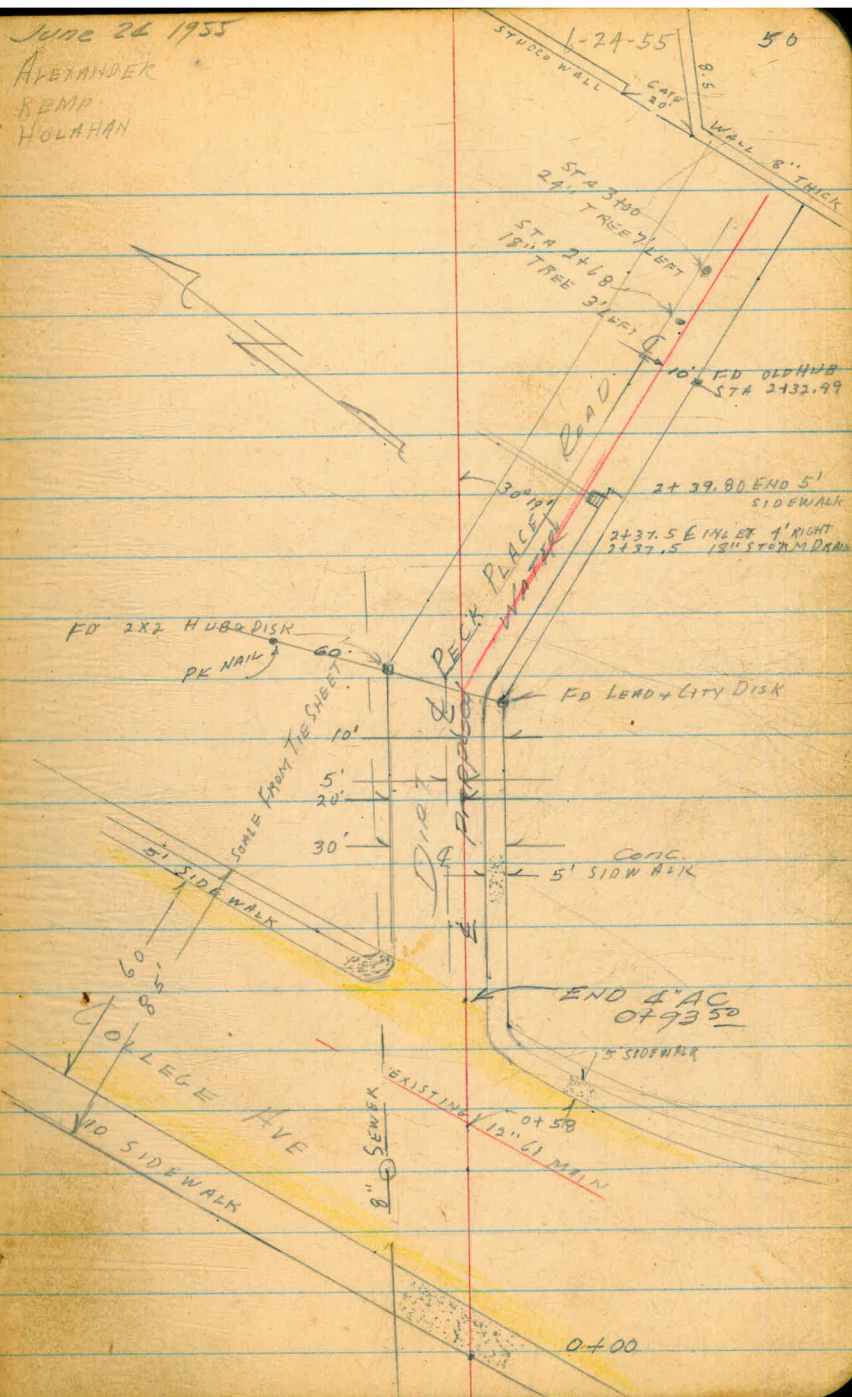
PLAN & PROFILE & PROPOSED WATER

3+29.55 END OF LINE (CONC WALK)

1+79.82 X-PT 30°19' RT.

NOTE:-
(see profile notes
for additional
details.)

0+00 WLY P.L. COLLEGE AVE



6/22/55

51

PECK PLACE CONT.

		461.98 ✓		END CURB AT JOINT S/E PECK & COLLEGE
	465.46			
	3.98	463.46 ✓		
0+00	4.03	459.4 461.5	W'LY PE COLLEGE	
0+11.8	4.92	458.5 460.6	W'LY CURB LINE COLLEGE BEGIN 4" AC	
0+47.60	3.54		RIM SEWER M.H. 23' LEFT 10.7' TO FLOW	
0+47.60	4.03	459.4 461.4	E COLLEGE PAVEMENT	
0+81	4.05	459.4 461.4	E'LY CURB LINE COLLEGE	
0+93.50	4.03	459.4 461.4	END 4" AC	
1+00	4.1	459.36 461.4		
1+50	4.8	458.66 460.78		
1+79.82 ✕	5.4	458.06 460.1	ANGLE POINT 30° 19' RIGHT	
2+06	6.9	456.56 458.6		
TP	8.23	457.23		
	6.42	463.65		

W'LY

R'LY

6/24/55

52

PECK PLACE CONT

463.65

2+37.5	6.3	457.35	18" STORM DRAIN CROSSING
2+37.5	7.68	455.97	♀ DRAIN INLET 4.9' TO FLOW 18" CONCRETE DRAIN
2+39.8			END 5' SIDEWALK 5' RIGHT
2+50	6.5	457.15	
2+68			18" ACACIA TREE 3' LEFT
3+00	6.5	457.15	24" " " 7' LEFT
3+29.55	6.3	457.35	3.5 CONCRETE WALL 5' CONCRETE BLOCK ON TOP
	1.66	461.99 = 461.98	

Alley N/O BERYL ST. E/O JEWELL ST
 PLAN & PROFILE & PROPOSED WATERLINE

5+81.02 Wly P.L.

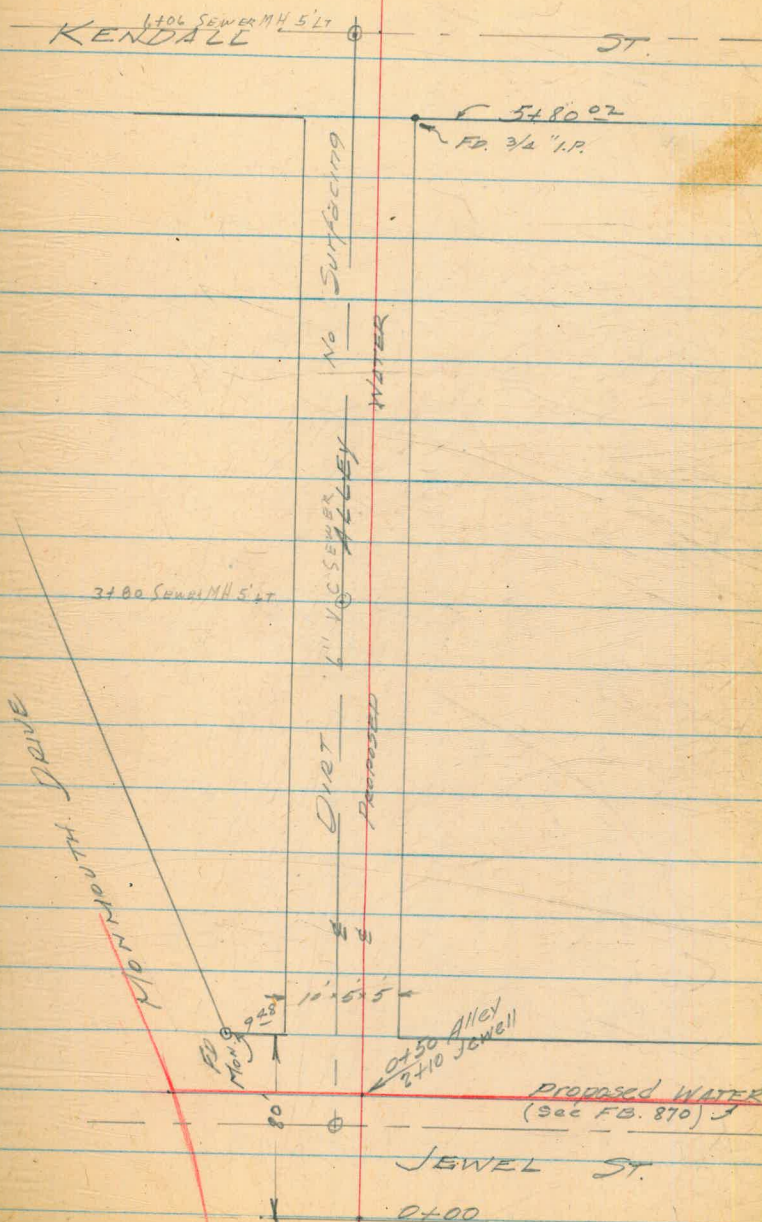
0+80 Ely P.L. JEWELL

0+00 Wly P.L. JEWELL ST.

June 27 1955

ALEXANDER
 Hollahan
 Kellhofer

53



MONMOUTH DRIVE
 & PROPOSED WATER
 JEWEL ST. 650' WLY.

6/27/55

II

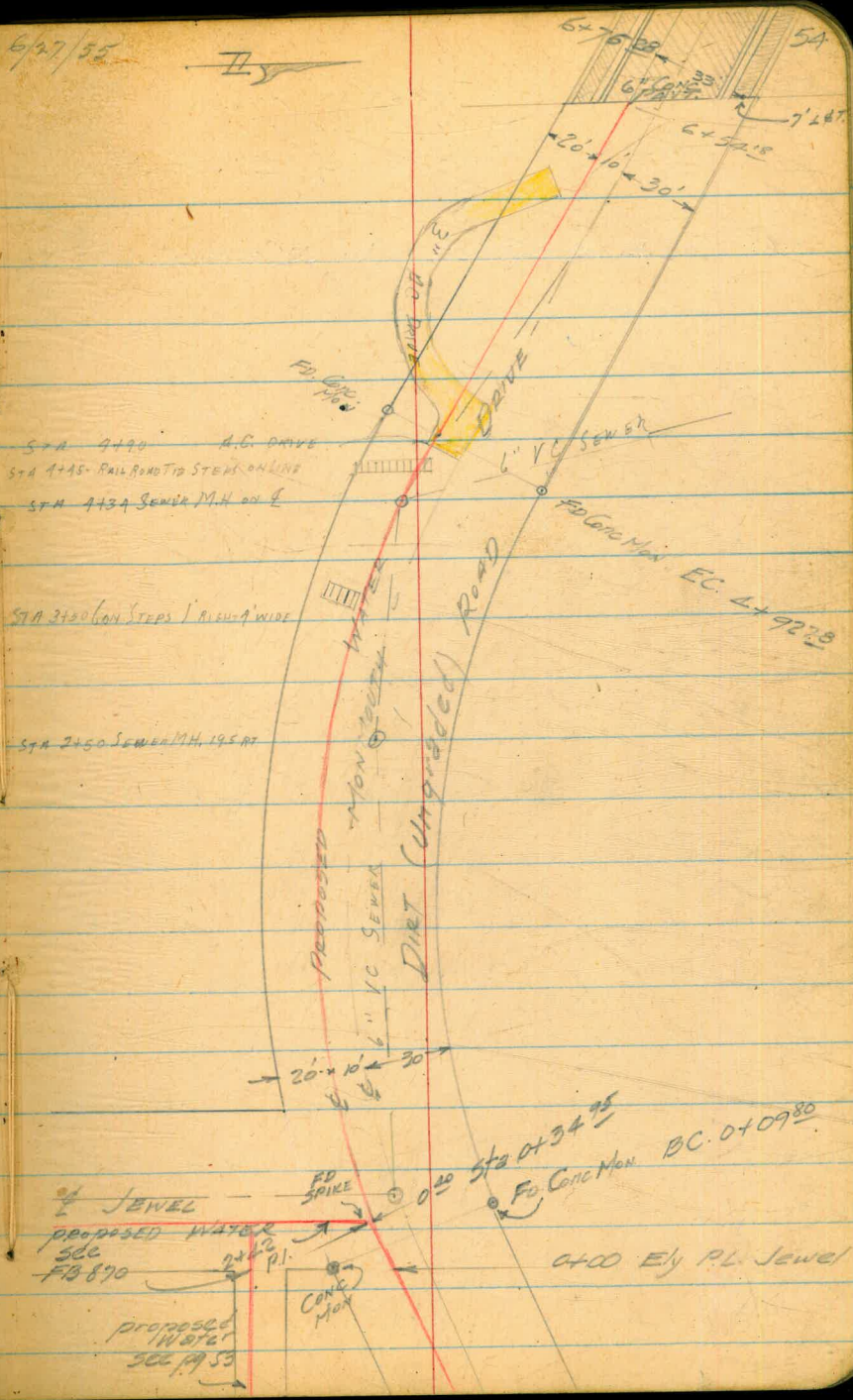
6+76²⁸ L&T 33' LT

6+54¹⁸ END of LINE

4+92²⁸ E.C

3+50

$A = 61^{\circ}29'40''$ RT
 TIE PT. 1638 $\left\{ \begin{array}{l} R. 447.00 \quad 450.00 \\ L. 481.90 \quad 482.98 \end{array} \right\}$ MAP 1627



0+09⁸⁰ BC

0+00 Ely PL JEWEL

1/2 JEWEL
 PROPOSED WATER
 SEC FB 870
 24" P.I.
 PROPOSED WATER
 SEC FA 53
 FD SPIKE
 STS 0+34⁹⁵
 FD CONC MAN BC 0+09⁸⁰
 0+00 Ely PL JEWEL

PROPOSED WATER MAIN
IN ALLEY
Nor. of BERYL & E. of JEWEL

6/27/55

55

BM.		160.15	
	12.76	172.91	
TP		0.31	172.60
	9.58	182.18	
TBM		3.17	179.01
	3.84	182.85	
0+00		7.3	175.55
0+30		7.0	175.85
0+40		6.7	176.15
0+40		6.13	176.22
0+50		6.7	176.15
1+00		5.6	177.25
1+27			
1+50		5.3	177.55
2+00		5.2	177.65
2+30			
2+50		5.1	177.45

Reduced by J Gray 6-29-55

NE. PP. Jewel & Beryl FB 870. pg. 14.

N/E COR LAWN PIPE JEWELL & ALLEY S/O MONMOUTH

GAS CROSSING

SEWER CROSSING

RIM SEWER MH 5" LEFT 0.8' FLOW

POWER POLE # 548022 - 3' RIGHT

POWER POLE PA1724 3' RIGHT

6/27/55

36

Alley
Profile
(Cont'd.)

182.85

3+00 6.4 176.45

3+30 POWER POLE # 562309 3' RIGHT

3+50 7.6 175.25

3+80 TP 7.4 175.37 RIM SEWER MH 5' LEFT 5.15' TO FLOW

10.17 185.54

4+00 10.7 174.84

4+31 POWER POLE # PA 1760 3' RIGHT

4+50 8.2 177.34

5+00 4.5 181.04

5+32 POWER POLE # 578823 3' RIGHT

5+50 1.6 183.94

5+8030 0.9 184.64

5+90 1.1 184.44 POWER POLE # 578824 6' RIGHT

5+96.50 1.7 183.84 GAS CROSSING

1+00 1.9 183.64

6+06 1.5 184.04

6+06 0.92 184.62 RIM SEWER MH 5' LEFT 6.5' TO FLOW

6/27/55

57

ALLEY & PROFILE

(CONT)

18554

6+20 1.1 184.44

6+25 0.9 185.14

6+31.2 0.2 185.34

TP 0.92 184.62

0.66 185.28

TP 8.33 176.95

1.23 178.18 7.85 170.33 = 170.34

RIM SEWER MH STA 6+06

NE. BR. BERYL & KENDALL

MONMOUTH ST JEWELL ST 650' WLY

PLAN & PROFILE OF PROPOSED WATER LINE

SEE PAGE 54 FOR PLAN

179.01

5.05 187.06

0+00 2.2 181.86

0+09.8 BB 2.8 181.26

0+40 1.23 179.73

0+95 1.6 179.46

0+50 4.7 179.36

1+00 5.9 178.16

1+08 7.5 176.56

1+50 7.7 176.36

1+60 7.3 176.76

2+00 6.9 177.66

FP 0.23 183.83

2+50 7.38 191.21

2+50 9.9 181.31

2+50 2.86 188.35

Reduced by J. Gray 6-29-55

June 28 1955

ALEXANDER
HOLAHAN
KELLHOFER

6-28-55

58.

RT

LT

N/E COR IRON PIPE JEWELL ST & ALLEY S/O MONMOUTH PAGE 55

SEWER MH 9' RIGHT 6.4 TO FLOW

SEWER CROSSING

$\frac{2.7}{10}$ $\frac{4.7}{10}$ $\frac{5.8}{10}$

EDGE ROAD 4' RT $\frac{3.9}{10}$ $\frac{5.7}{10}$ $\frac{7.7}{10}$ $\frac{8.3}{10}$

EDGE ROAD $\frac{6.8}{10}$ $\frac{7.7}{10}$ $\frac{8.9}{10}$

EDGE ROAD

EDGE ROAD 10' RT $\frac{3.0}{10}$ $\frac{4.9}{10}$ $\frac{8.0}{10}$

$\frac{6.2}{10}$ $\frac{7.6}{10}$ $\frac{9.4}{10}$ $\frac{11.7}{10}$

RIM SEWER MH 19.5 RT 10.9' FLOW 1" VC

6/28/55

59

RT

191.21

3+00	5.6	185.61	EDGE ROAD LRT	$\frac{1.9}{10}$	$\frac{3.2}{6}$	$\frac{5.6}{8}$	$\frac{8.1}{10}$
3+20	2.7	188.91	EDGE ROAD	$\frac{2.1}{10}$	$\frac{2.3}{8}$	$\frac{7.5}{10}$	$\frac{8.6}{20}$
3+50	1.8	189.41		$\frac{1.6}{10}$	$\frac{1.8}{8}$	$\frac{1.7}{6}$ TOP CONCRETE STEPS	$\frac{6.2}{10}$ BOTTOM CONCRETE STEPS
0+00	1.4	189.81		$\frac{0.9}{10}$	$\frac{1.9}{8}$	$\frac{4.8}{10}$	
0+34 TP	1.25	189.96	TBM RIM SEWER MH ON LINE			9.0 To Flow 6" VC	
0	4.44	191.40					
0+4+95	1.9	189.50					
0+4+50	4.1	190.30		$\frac{3.6}{10}$		$\frac{8.6}{10}$	
1+4+75	4.6	189.80					
1+4+90			EDGE AC DRIVE				
1+4+92.75 FC	6.1	188.30	EDGE AC .5 LT	$\frac{3.9}{11}$	$\frac{6.1}{8}$	$\frac{6.8}{8.5}$	$\frac{9.0}{10}$
1+5+00	5.7	188.70	EDGE AC .5 LT	$\frac{3.3}{14}$	$\frac{3.7}{10}$	$\frac{5.7}{8}$	$\frac{6.2}{8.5}$
2+5+15	7.0	187.40	EDGE AC DRIVE				
7+5+50	6.1	188.30	EDGE ROAD 10 RT	$\frac{3.4}{16}$	$\frac{6.1}{8}$	$\frac{8.8}{10}$	
7+6+00	1.9	189.50	EDGE ROAD	$\frac{4.2}{10}$	$\frac{4.9}{8}$	$\frac{6.5}{10}$	
2+6+37			EDGE AC Drive	3.1			
2+							

6/28/55

60.

194.10

6450 7.2 187.20

6454.18 7.67 186.73

EDGE 6" PCC

6475.28 9.10 185.30

TBM 0.30 194.10

TBM CON MAN. ON EC 40' RIGHT STR 4192.98

0.99 194.39

TP 9.71 184.88

1.69 186.22

7.59 178.98 = 179.01

BM NE IRON PIPE JEWELLY ALLEY S/O MONMOUTH

33RD ST.
 STEELE ST. SLY. 780'
 STR'S & GRD. FOR 6" A.C. MAIN

8/3/55
 SHOREY
 MARTEL
 KEMP
 HOLOHAN

61

B.M.	1.61	24.27	22.66
0+00	= NLY P// STEELE ST.		
0+35			16.8
0+50	4.2	20.1	16.7
1+00	4.3	20.0	16.4
1+50	4.6	19.7	16.3
2+00	4.8	19.5	16.0
2+50	4.7	19.6	15.7
2+43 ⁸²	6" X 6" CROSS		
2+43 ⁸⁸	4.9	19.4	15.7
2+58	Δ PT. 1' 49' LT.		
	4.8	19.5	15.7
3+00	5.1	19.2	15.5
3+50	5.3	19.0	15.1
4+00	5.3	19.0	14.9
4+18	5.1	19.2	14.8
4+27 ⁰⁸	6" X 6" CROSS		
	5.2	19.1	13.7
4+35	1 1/4° BEND		
	5.2	19.1	12.8
4+50	5.4	18.9	14.5
4+57	F.H. TEE		
	5.5	18.8	14.5
TP (3)	0.95	22.66	5.0 19.3
			2.56 21.71
5+00	4.0	18.7	14.6
5+50	4.4	18.3	14.7
6+00	4.5	18.2	14.8
6+25			15.0
6+50	4.7	18.0	14.8
7+00	4.9	17.8	14.5

S.E.F.H 33RD & STEELE ST. (2658 D & 2659 D)

C3⁴

C3⁶

C3⁴

C3⁵

C3²

C3⁷

C3⁸

C3²

C3²

C4⁴

C4⁴

C4⁴

C6³

C4⁴

C4²

C4^{8.2} C1¹

C4¹

C3⁶

C3⁴

C3²

C3³

33RD ST.
(CONT'D)

8/3/55
SHOREY
MARTEL
KEMP
HOLAHAN

62

7+46 ³⁵ Δ PT.	22.66	5.3	17.4	14.4	C3 ²
7+50		5.3	17.4	14.4	C3 ²
8+00		5.9	16.8	13.4	C3 ²
8+46	END WORK	6.2	16.5	12.4	C4 ^L
CK. B.M.	2.53 18.07	7.12	15.54	-14.92	
		3.16	14.91		

S.E. B.P. 33RD & OCEANVIEW BLVD.

2+43 ⁸² E. 30'	24.27	5.3	19.0	15.3	C3 ²	-16.2 E
2+43 ⁸² W. 50'	" "	5.3	19.0	15.3	C3 ²	-16.5
4+27 ⁰⁸ E. 30'	" "	6.2	18.1	14.1	C4 ²	-16.4
4+27 ⁰⁸ W. 50'	" "	5.1	19.2	14.1	C5 ²	-15.8

WATER METERS

DURANT
CK ELEV. OF STUBS @ WEBSTER
⑤ F.H.

2+99 E.	24.27	4.3	20.0	19.1	C0 ²	+ 5.03	24.33	19.30
3+19 E.		4.4	19.9	19.0	C0 ²			TOP STEM WEBSTER E. 6.19 18.19
3+61 W.	22.66	5.2	19.1	18.8	C0 ²			6.74 17.49
5+03 W.		4.1	18.6	18.2	C0 ⁴			
5+13 E.		3.7	19.0	18.3	C0 ²			TOP STEM DURANT, W. 6.15 18.18
5+33 E.		4.0	18.7	18.4	C0 ³			
5+37 W.		4.6	18.1	18.4	F0 ³			TOP STEM DURANT, E. 6.40 17.73
5+73 W.		4.8	17.9	18.5	F0 ⁶			
6+23 W.		4.7	18.0	18.5	F0 ³			
6+37 E.		4.3	18.4	18.5	F0 ^L			
6+54 W.		4.3	18.0	18.3	F0 ²			
6+99 E.		4.8	17.9	17.8	C0 ^L			
7+20 E.		5.0	17.7	17.6	C0 ^L			
7+22 W.		5.2	17.5	17.5	C0 ⁰			
7+75 E.		4.9	17.8	17.0	C0 ²			
7+81 W.		5.4	17.3	17.0	C0 ³			

52ND ST,
 PARK ST. TO ORANGE
 (5) STR'S & GRD. 8" A.C. MAIN

8/8/55
 SHOREY
 MARTEL
 KEMP
 HOLLOMAN

63

TBM	1.95	380.32		378.37
TP	0.34	367.48	13.18	367.14
TP	0.58	355.02	13.04	354.44
TP	0.70	342.67	13.05	341.97
TP	0.50	330.91	12.26	330.41
TBM	12.52	331.32	12.11	318.80

TURN ON END CURB BETWEEN N.W. COR. ORANGE & 52ND
 (F.B. 830-76, 8)

& MON.

0+00			11.6	319.7	314.8
0+10 F.H. TEE			11.0	320.3	315.8
(5)			12.0	317.3	
0+50			8.2	323.1	320.0
1+00			4.3	327.0	323.2
TP	12.39	343.46	0.25	331.07	
1+50			11.3	332.2	327.6
2+00			6.7	336.8	332.0
2+50			3.2	340.3	335.4
TP	12.74	355.91	0.29	343.17	
3+00			10.7	345.2	340.0
3+50			5.8	350.1	343.6
4+00			3.3	352.6	347.8
TP	13.18	368.150	0.59	355.32	
4+50			11.4	357.1	353.0
5+00			4.8	363.7	360.4
TP	12.50	380.44	0.56	367.94	
5+50			8.8	371.6	367.8
6+00			3.1	377.3	373.5
6+06 END WORK			2.8	377.6	373.7
CK. TBM,			2.07	378.37	= 378.37
0+23 W.		331.32	10.3	326.0	319.8
2+42 W.		343.46	5.4	338.1	337.6
2+69 W.			3.1	340.4	339.8
3+23 W.		355.91	10.5	345.4	344.2
3+65 W.			7.8	348.1	347.4
4+06 W.			6.0	349.7	350.7

CA² NOT MARKED

CA⁵

CA⁵ FO³

CA¹

CA⁸

CA⁶

CA⁸

CA²

CA²

CA⁵

CA⁸

CA¹

CA³

CA⁸

CA⁸

CA²

CA²

CA²

CA³

CA²

FO⁸

NOT MARKED

"4136"

"4144" CK. PROFILE SHEET FOR METERS

"4154"

"4158"

"4164"

49th & IMPERIAL AVE.16" DRAIN LINE
FROM SAND TRAP
③ STK'S & GRD.8/9/55
SHOREY
MARTEL
KEMP
MOLLOHAN

64

TBM 10.55 105.11 94.56 NAUL IN P.P. 16' LT 10+89 (F.B. 881-PG. 75)

③ RT

8+00		4.2	100.9	96.0	C4 ²	
8+50		3.9	101.2	95.2	C6 ⁰	8/12/55
9+00		1.7	103.4	94.4	C9 ⁰	5.89 100.45 94.56
9+50		6.8	98.3	93.6	C4 ²	
9+81 ¹⁰	P.I. 16" x 16" WYE	7.8	97.3	93.2	C4 ¹	
10+00		7.3	97.8	92.8	C5 ⁰	③ LT 4.8 95.7 C3 ¹
10+50		5.5	99.6	92.0	C7 ⁰	4.3 96.2 C4 ²
11+00		5.0	100.1	91.2	C8 ²	3.4 97.1 C5 ²
TP	4.62 104.78	4.95	100.16			
11+50		1.4	103.4	90.5	C12 ²	3.2 97.3 C6 ⁸
11+77 ⁵³	P.O.T.	2.4	102.4	90.0	C12 ⁴	27 3.1 97.4 C7 ¹
11+84	"A" CLEANOUT	8.5	96.3	89.7	C6 ⁰	4.3 96.2 C6 ⁵
TP	1.80 94.05	13.53	92.25			
11+93	CUT OFF WALL	9.8	84.3	82.4	C12	③ RT 10.9 89.6 C7 ²
12+00	45° VERT. BEND	13.7	80.4	73.0	C7 ¹	14.5 86.0 C13 ⁰
12+41 ¹⁰	OUTLET STREET	20.1	74.0	72.10	C12	CK BM 5.89 94.56
TP	10.81 103.36	1.50	92.55			
CK. TBM		8.82	94.54	= 94.56		
TBM	9.95 104.51		94.56			
7+00		4.10	105.5	99.0	C6 ⁵	
7+25		2.2	102.3	97.3	C5 ⁰	
7+50		1.2	103.3	96.8	C6 ⁵	

72
(See pg. 72)
(?)

ACORN ST.

ALLEY NWLY SEMINOLE TO APPROX.
700' ± ELY SEMINOLE
⑤ STK'S & GRD. 8" A.C. MAIN

B.M.	4.93	470.61	465.68	
0+16			4.6	466.0 462.0
0+50			4.8	465.8 461.9
1+00			5.1	465.5 461.8
1+50			5.1	465.5 461.6
2+00			5.2	465.4 461.4
2+50			5.1	465.5 461.2
3+00			4.7	465.9 461.1
3+50			4.6	466.0 460.9
4+00			4.7	465.9 460.8
4+50			5.1	465.5 460.2
4+57	By City		5.3	465.3 460.1
BM	8" X 6" TAP SLEEVE	4.06	469.74	4.93 465.68 = 465.68
4+61	8" X 6" REDUCER	By City	4.6	465.1 460.0
5+00			4.9	464.8 459.5
5+50			5.3	464.4 458.7
6+00			5.9	463.8 457.6
6+50			8.1	461.6 456.4
7+00			9.7	460.0 455.4
7+50			11.1	458.6 454.4
TP	2.68	461.30	11.2	458.62
7+94	8" X 6" TEE		3.9	457.4 453.5

8/10/55
SHARPEY
MARTEL
KEMP
HOLAHAN

65

B.M. S.E. COR. SEMINOLE & ACORN - SPIKE IN POLE

C4⁰C3²C3²C3²C4⁰C4³C4⁸C5¹C5¹C5³C5³⁺

B.M. NAIL IN POLE S.E. COR. SEMINOLE & ACORN

C5¹C5³C5²C6³C5³C4⁶C4³C3³

ACORN ST.
(CONT'D)

66

461.30

8+00	3.2	458.1	453.4	C4 ²
8+50	4.2	457.1	452.5	C4 ⁶
9+00	5.3	456.0	451.5	C4 ⁵
9+50	5.8	455.5	450.5	C5 ⁰
10+00	7.1	454.2	449.5	C4 ²
10+38 8"X6" REDUCER	8.3	453.0	448.7	C4 ³
10+40 6" G.V.	8.2	453.1	448.6	C4 ⁵
10+45 6"X6" TEE	8.3	453.0	448.5	C4 ⁵
10+50	8.4	452.9	448.4	C4 ⁵
11+00	9.6	451.7	447.6	C4 ¹
11+50	10.2	451.1	446.2	C4 ⁹
11+99 2" B.O. TP 10.98	11.1 1.76	450.2 459.54	445.0	C5 ²
CK. B.M	4.81	465.71	=465.68	

WATER METERS

461.30

8+66 S.	3.4	457.9	456.3	C1 ⁶
9+62 S.	4.9	456.4	454.4	C2 ⁰
10+22 S.	8.9	452.4	453.2	F0 ⁸

53RD ST.

EL. CANYON TO TROJAN

⑤ STR'S & GRDS

6" A.C. MAIN

B.M.	12.10	402.05	389.95	
1+11	G.V. BY CITY		7.1 395.0	390.7
1+16	45° BEND BY CITY		6.6 395.5	391.0
1+21	45° BEND BY CONT.		5.8 396.3	391.4
1+50			4.1 398.0	393.4
2+00			3.9 398.2	393.7
2+50			3.9 398.2	393.0
3+00			5.6 396.5	391.9
3+50			6.6 395.5	389.2
3+92	6" TEE + 10' 6" A.C. PIPE		10.0 392.1	386.4
3+92	10' LT.		9.4 392.7	
4+00			10.4 391.7	385.6
4+10	²⁵ B.C.		11.8 390.3	384.9
4+10	TP OAI	390.03	12.43 389.62	
4+25			1.4 388.6	384.0
4+50			4.6 385.4	381.1
4+75			8.2 381.8	378.2
5+00			10.5 379.5	375.5
5+25			11.8 378.2	372.7
5+25	TP	0.51 377.89	12.65 377.38	
5+50			2.0 375.9	370.1
5+78	⁰⁶ PRC		4.4 373.5	367.4
6+00			6.0 371.9	365.2

8/11/55

SHOREY

MARTEL

KEMP

HOLCHMAN

67

B.M. ON SELY CONC. MON. 53RD & MEADE
(2811-D)C4³ ±C4⁵C4²C4⁶C4⁵C5²C4⁶C6⁴C5²C6²C6⁴C5⁴C4⁶C4³C3⁶C4⁰C5⁵C5⁸C6⁴C6²

53rd ST.
(CONT'D)

377.89

6+25		8.8	349.1	342.9	C6 ³
6+50		12.7	365.2	360.0	C5 ²
6+76 Z/BK	TP 0.80 365.60	13.09	364.80		
6+84 ³⁸ AHJ		5.8	359.8	356.2	C3 ⁶
7+00	TP 0.83 353.31	8.0	357.6	353.5	C4 ¹
		13.12	352.48		
7+50		1.6	351.7	347.0	C4 ²
7+59 ³⁸ APT. 5°40' LT.		2.4	350.9	346.0	C4 ²
8+00		5.8	347.5	341.9	C5 ⁶
8+50		9.4	343.9	338.6	C5 ³
9+00. END OF WORK		12.9	340.4	336.1	C4 ³
TP	0.15 340.51	12.95	340.36		
TP	11.80 350.53	1.78	338.73		
	8.17 357.14	1.56	348.97		
PK. B.M.		5.30	351.84	351.67	

1+28 W.	WATER METERS	375.4	376.8	F1 ⁴	
2+25 W.		402.05	4.2	397.9	397.5
2+56 W.		4.7	397.4	396.8	C0 ⁶
3+59 E.		6.6	395.5	393.1	C2 ¹
3+74 E.		7.5	394.6	392.3	C2 ³
3+80 W.		10.3	391.8	391.3	C0 ⁵
4+15 E. 3 METS	390.03	12.1	390.0	389.3	C0 ²
5+00 W.		11.9	398.1	380.0	F1 ²
5+42 E. 4+88 E.		11.7	378.3	375.8	C2 ⁵
6+10 E.	377.87	6.8	371.1	367.9	C3 ³
6+50 E.		12.3	365.6	364.0	C1 ⁶
6+86 W.	365.60	5.6	360.0	359.4	C0 ⁶
6+98 E.		7.7	357.9	357.2	C0 ⁷
7+42 W.		13.1	352.5	351.7	C0 ⁸
7+57 E.	353.31	1.7	351.4	349.8	C1 ⁶

395.4

68

LET TREADAN & 54th ST. (54th REPAVED)

					353.31
7+68 W.	2.3	351.0	349.3	C1 ²	
7+93 E.	5.3	348.0	346.2	C1 ⁸	
8+34 W.	8.4	344.9	343.9	C1 ⁸	
8+35 E.	8.2	345.1	344.0	C1 ²	
8+80 E.	11.2	342.1	341.6	C0 ⁵	
8+97 W.	11.8	341.5	340.0	C1 ⁵	
8+98 E.	11.8	341.5	340.4	C1 ⁴	

ACORN ST.
 ALLEY ELY 62RD TO 62RD ST.
 (5) STR'S & GRD 6" H.C. MAIN

B.M.	4.23	470.61	465.68
0+00			4.6 466.0 462.0
0+25	F.H. TEE		4.3 466.3 462.2
(5)			4.1 466.5
	TP 5.14	471.69	4.06 466.55
0+50			5.1 466.6 462.4
1+00			5.1 466.6 462.0
1+50			5.0 466.7 461.8
2+00			5.3 466.4 461.5
2+50			5.3 466.4 461.2
3+00			6.0 465.7 460.9
3+50			6.2 465.5 460.7
4+00			6.6 465.1 460.4
4+50			7.9 463.8 460.2
4+72.±	G.V. BY CITY		8.1 463.6 460.1
4+78 ± ^{8"X6"}	WYE BY CITY		8.0 463.7 460.1
TP	4.48	470.52	5.65 466.04
			4.86 465.66 = 465.68

8/12/55
 SHOREY
 MARTEL
 KEMP
 HOLAHAN

69

NAIL IN P.P. SE. COR. SEMINOLE & ACORN ST.

CA⁰

CA¹

CA³ CO⁵

CA²

CA⁶

CA³

CA⁹

CA³

CA⁸

CA⁸

CA²

CA⁶

CA⁵

CA⁶ ±

F.H. & WATER METER
MANDALAY & MANCHESTER

0+00 = Cb. B.C. SOUTH Cb.

BM	3.68	465.93		462.25	
	3.33	461.64	7.62	458.31	
	11.00	467.62	5.02	456.62	
0+05 F.H.			0.7	466.9	465.3
					01 ⁶
0+23 ⁵ WATER METER			1.4	466.2	465.0
			0.57	467.05	01 ²

S.E. Cor. School @ 67th & MOHAWK (11975-L)

Cb. CUT STAKE MKD. C.161 AT Cb. B.C.
Cb. GRD. AT B.C. 465.40

WATER METERS
33rd ST.; Oceanview Blvd Nor.

9/6/55
SHOREY
KEMP
HOLAHAN

S.E.B.P OCEANVIEW BLVD & 33rd

SERVICE STOP
1.3 BK. Ct.

B.M.	2.03	16.95	14.92			
2+73 E. ✓			4.6	12.4	13.0	F0 ⁶
3+55 ^S E. -			3.9	13.1	13.2	F0 ¹ "421"
3+51 W.			4.0	13.0	13.2	F0 ² "436"
CK.B.M.			3.73	13.22	= 13.24	
4+54 W.			3.2	13.8	13.7	C0 ¹ "358"
4+90 W.			2.6	14.4	13.9	C0 ⁵ "346"
TP 6.48 20.53			2.90	14.05		
5+50 W.			5.4	15.1	14.5	C0 ⁶ "341"
5+90 W.			5.0	15.5	15.0	C0 ⁵ "332"
5+96 ^S G.V.			4.8	15.7	14.6	C1 ¹
5+96 ^S F.H. (3)			4.7	15.8	15.1	C0 ²
6+00 G.V.			4.7	15.8	14.7	C1 ¹
6+73 E.			3.7	16.8	15.8	C1 ² "321"
6+94 W.			3.9	16.6	16.1	C0 ⁵ "318"
CK.			3.3	17.2	= 17.3	

CONT'D ON Pg. 74

49th & IMPERIAL AVE
DRAIN LINE
(CONT'D FROM Pg. 64)

9/13/55

72

NOTE: - This is top of pipe
as constructed,
before backfill. (Locally
9-10-56)

Station	111	104.41	103.20	Notes
7+13 ^E		4.40	100.80	EDGE DRAIN BOX
7+18 ^E		6.87	97.54	PIPE
7+18 ^E		9.92	94.49	BOTTOM DRAIN BOX
7+18 ^E		1.6	102.8	TOP OF WALL AT BOX
7+40		6.0	98.4	TOP OF PIPE
8+65		7.9	96.5	TOP " "
9+00		8.7	95.7	" " "
9+40		8.9	95.5	" " "
9+50		8.9	95.5	" " "
9+62		9.0	95.4	" " " OVER GAS KING
9+72		9.2	95.2	" " "
9+81		9.8	94.6	" " "
9+81 A.P.T.		10.13	94.28	" " "
9+85		10.13	94.28	" " "
10+00		10.23	94.18	" " "
10+50 TP 2.00	102.25	11.16	93.25	" " " 7.3 P.P.P.
11+00		9.9	92.4	" " "
11+50		10.7	91.6	" " "
11+64		11.1	91.2	" " "
11+85		11.5	90.8	" " " END OF PIPE
		5.91	96.34	

TOP 18" O.D.
C.I.

1.28
O.D. C.I.

18" O.D.
C.I.

Fir St Date to 29th

Pelton Group 27

For pro file see Page 75

2+97⁶⁶

POT

2+90⁶⁶

Ely prop line 29th St

0+07

POT

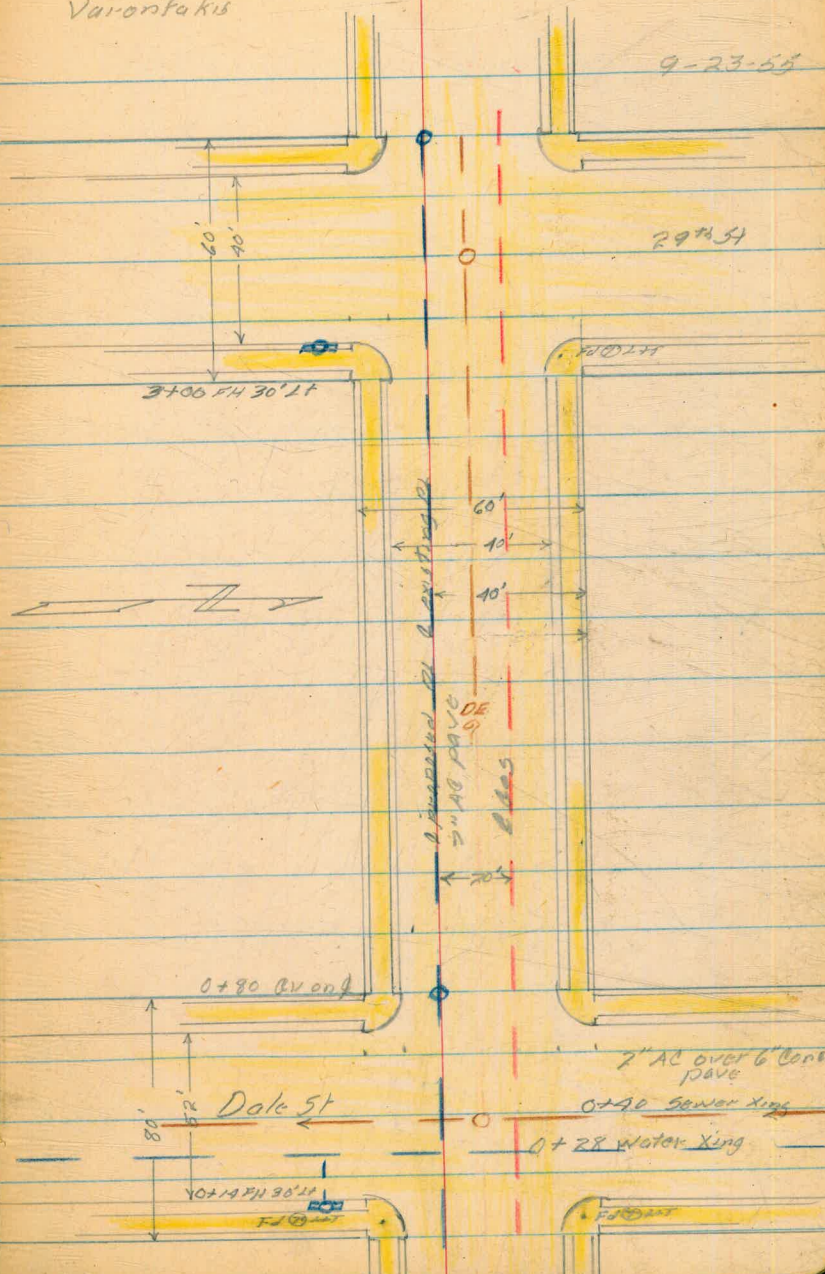
0+00

Ely prop line Dale St

West
Williams
Varonfakis

9-23-65

29th St



17.06 54 30' 11"

0+80 ave end

Dale St

7" AC over 6" base
pave

0+40 sewer King

0+28 water King

17.08 54 30' 11"

WATER METERS

33rd ST., Oceanview BLVD NOR,
CONT'D FROM Page 71

9/13/55
SHOREY
MARTEL
KEMP
HOLAHAN

BM.	2.21	17.13	14.92				
0+95 W.			4.3	12.8	13.5	F0 ⁷	REPLACED 11/1/55 F0 ⁴
2+20 E.			3.6	13.5	12.9	C0 ⁶	REPLACED 11/1/55 F0 ⁵
2+30 W.			3.9	13.2	13.0	C0 ²	
2+80 W.			4.1	13.0	13.2	F0 ³	REPLACED 11/1/55 F0 ⁴
4+15 W.			3.7	13.4	13.6	F0 ²	(SET METERS 22' LT. (RT))
4+35 E.			3.2	13.9	13.6	C0 ³	
4+80 E.			2.9	14.2	13.9	C0 ³	
5+30 E.			1.8	15.3	14.3	C1 ⁸	
5+55 W.					14.6		EXISTING METER IN
5+80 E.			1.1	16.0	14.9	C1 ¹	
7+15 E.			5.2	17.3	16.4	C0 ²	
7+30 W.			5.4	17.1	16.6	C0 ⁵	REPLACED 11/1/55 C0 ¹
9+47 ³² E.			4.0	18.5	18.5	C0 ²	
9+72 ³² E.			3.8	18.7	18.5	C0 ³	CHANGED TO 12+59
TP	3.70	24.16	2.06	20.46		C0 ⁵	54' W. of 33 rd SO. SIDE DURANT
			4.5	19.7	19.7	C0 ⁰	
			4.2	20.0	20.0	C0 ²	92' W. " " NOR. " "
OK. BM			1.48	22.68 = 22.66			S.E. F.H. STEEL & 33 rd

SERVICE STOP UNDER WALK

SERVICE STOP 1.5 BK. CB.

1.0 BK. CB.

1.2 BK. CB.

1.0 BK. CB.

1.2 BK. CB.

1.4 BK. CB.

1.4 BK. CB.

1.5 BK. CB.

C0⁵ 1.4 BK. CB.

Q Profile Fir St
Dale to 29th

West
Williams
Varron Pokas

75

9-23-55

Cont From Page 73

12.87	248.84	235.97	
6.02	254.70	0.16	248.68
0+00		2.50	252.2
+40		3.08	351.62
+50		3.57	251.13
+80		5.0	249.7
1+00		6.85	248.15
+50		9.87	244.83
2+00	1.00	13.20	241.50
+50		4.97	238.03
+90 ⁶⁶		7.13	235.37
		6.55	235.95 = 235.97

NE (2) L+T 29th + Fir

Ely prop line Dale St

Top sly rim sewer 17H 10' RT

end of concrete + AC pave begin 7" AC pave

Ely prop line 29th St

20' 6.0

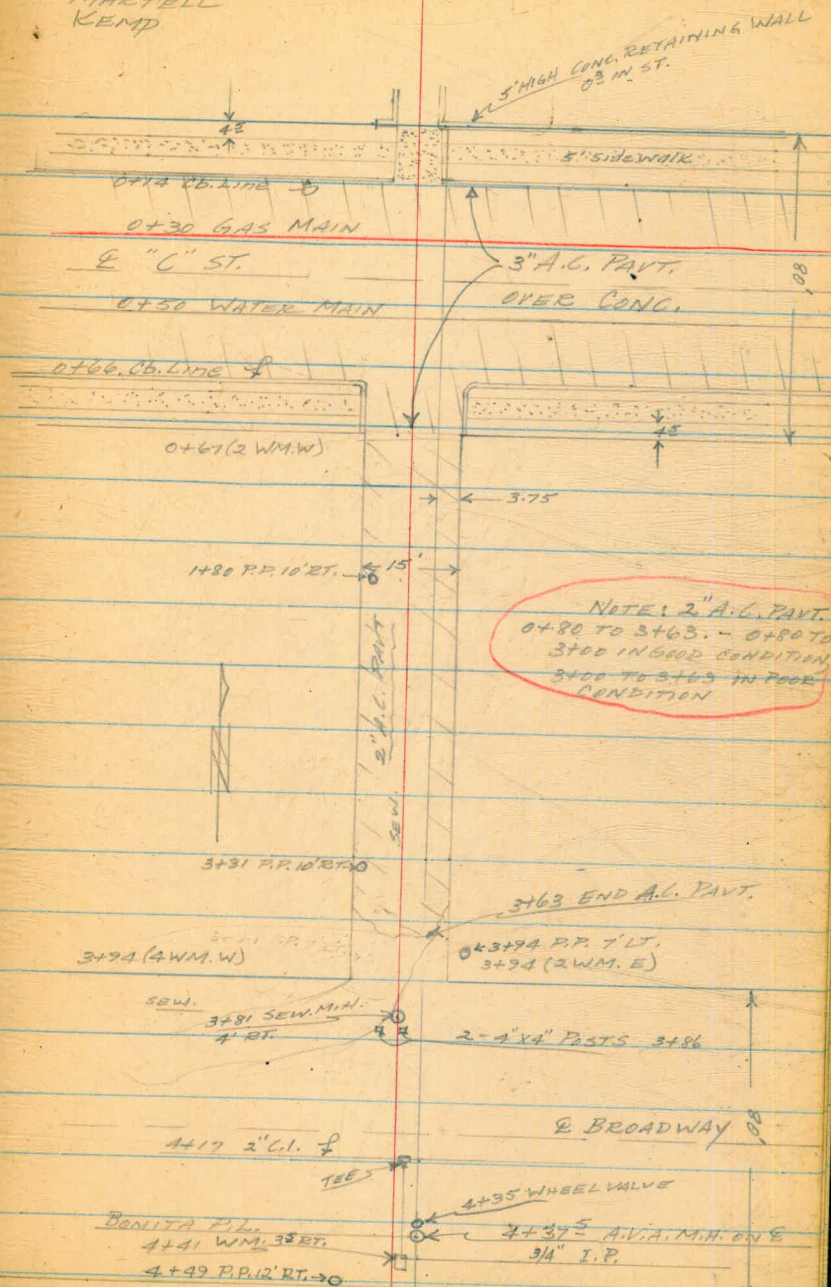
ALLEY BLK. A
 W. of Edgemont; "C" ST. TO BROADWAY
 PRELIMINARY
 & PROFILE PROPOSED WATER

0+00 N/L "C" ST.

4+50 END

11-30-55
 SHUREY
 MARTELL
 KEMP

76



sta. on DWG.

ALLEY BLK. 4
(CONT'D)

Red'd
by Rocky

11-30-55
SHOREY
MASTELL
KEMP

BM	0.00	199.59	199.59
0+00	+61.4	5.6	194.0
0+04 ^E	Edge SIDEWALK	5.8	193.8
0+07 ^E	" "	5.8	193.8
0+14	Top Cb.	5.98	193.6
0+14	GUTTER	6.4	193.2
0+50	WATER XING.	7.22	192.4
0+66	Cb. Line	7.76	191.8
0+78		7.49	192.1
1+00	3+61.4	5.4	194.2
1+35		3.6	196.0
1+50		3.7	195.9
2+00	2+61.4	5.4	194.2
2+50		7.5	192.1
3+00	1+61.4	9.5	190.1
TP	0.23	187.34	189.8
			186.61
3+50	1+11.4	5.8	181.5
3+63	END OF A.C.	8.0	179.3
3+81		9.4	
	EAST RIM	8.97	
		24.00	

N.E.B.P. EDGE MONT & C ST.

SEW. M.H. 3+81 4' RT
" " "

Sta. on DWG. (CONT'D)

Rede'd
by Rocky

30-55
SHOREY
MADELL
KEMP

79

LT

RT

187.34

3+87 10.1 177.2

12.0
10

9.4
10

4+00 0+61.4 12.8 174.5

16
10

0.4
10

TP 2.00 175.99 13.35 173.99

4+17 TOP EXIST. 2' 6.1 4.76 171.2

4+22 = 1466 PRELIM. ON BDNWY 5.7 170.3

4+29 7.1 168.9

8.5
10

5.3
10

4+34 9.8 166.2

10.8
10

8.8
10

4+37^E E. RIM M.H. ON G 9.44 166.6

A.V.A. M.H. ON PENITA P.L.

4+50 0+11.4 11.4 164.6

13.7
10

10.7
10

TP 13.25 188.21 1.03 174.96

TP M. 12.90 200.94 0.17 188.04

C.K. B.M. 1.36 199.58 = 199.59

4+61.4 = 0+00

April 13 1956 ELEV. TOP A.C. MAIN 52ND ST.
 SHOREY Martel
 Lemg Smith.
 POLK TO ORANGE

	0+00	= N/L Polk		END OF Cb. @ POLK & 52 - E. SIDE	319.55
	8.91	328.46			
3+			10.31	END OF Cb. @ POLK & 52 - E. SIDE	318.15
4+	1+00	GRD.	1.4		327.06
7	1+00	TOP A.C. MAIN	4.6		323.86
4+	TP	10.69	339.07	0.08	328.38
4+	2+00	GRD.	3.3		335.77
4+	2+00	TOP A.C. MAIN	6.4		332.67
4+	TP	12.86	351.84	0.09	338.98
4+	3+00	GRD.	8.1		343.74
4+	3+00	TOP A.C. MAIN	11.2		340.64
TP	TP	12.24	363.77	0.31	351.53
JK	4+00	GRD	11.9		351.9
CK	4+00	TOP A.C. MAIN	15.4		348.4
	4+50	GRD	6.7		357.1
4+	4+50	TOP A.C. MAIN	10.0		353.8
	TP	11.57	375.03	0.31	363.46
	5+50	GRD.	4.0		371.0
	5+50	TOP A.C. MAIN	6.8		368.2
TP	7.85	382.48	0.40		374.63
	6+00	GRD.	4.9		377.6
	6+00	TOP A.C. MAIN	7.8		374.7
CR. T.B.M			4.02		378.46 = 378.37

LOCATION OF F.H. AT POLK & 52ND ST.
 0+00 = N/L POLK
 0+10³⁰ - 57⁶ EAST OF W/L OF 52ND ST.
 FLANGE ELEV. 319.97

See also 921 pg 49
 for stub extension
 & relocation of FH
 as per 3555-D
 5/18/56 HB

127.80
79.02
50.0
133.26
50.0
15.1
457.08

2415
9.80

81.83
76.81
5.02

275.95 = 0.400

1.2466713
62334565

0.37 Nor
of 0.19 P1

75.32 50
5 0 26 10 W

35 (40)

75 12 40

40

1104385

521925
107385

13.65775 15.44

390.30
1.20
391.50

104385
107385
11.48235

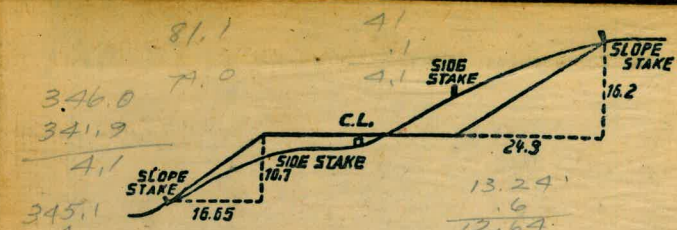
3.16

H.1
16.40

B.M. 33rd ST
13.24

15.70
14.14

6280
1570
22.19980



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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