

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

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

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

822

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

MICROFILMED

JAN 16 1965

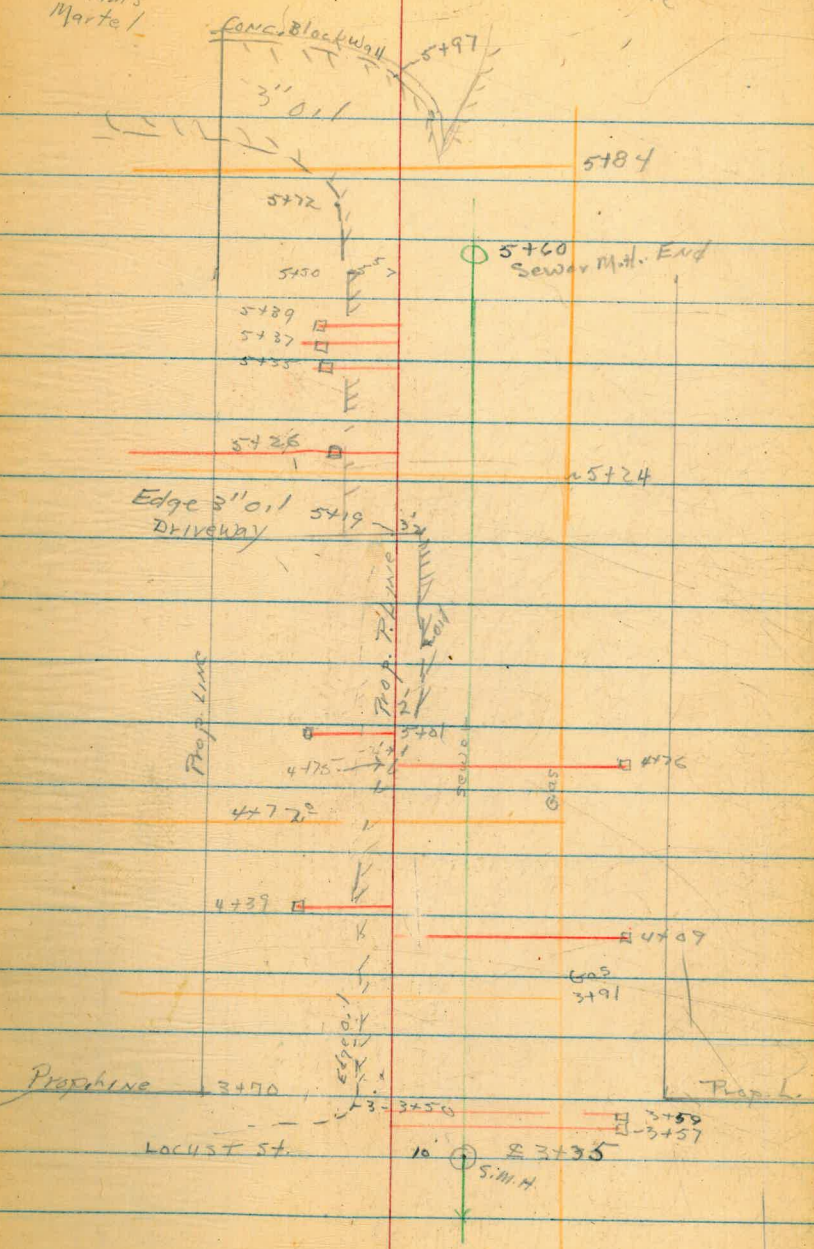




Quimby St.  
Rosecranz - Evergreen  
Proposed 6" P.L.

King  
Williams  
Martel

6-26-52 6430 Edge 10'  
Conc. Drive



Profile Quimby St.  
Pasadena - Evergreen

6-27-52  
King  
Williams  
West

(3)

B.M.	4.82	11.60		6.78
T.P.	4.30	10.99	4.91	6.69
0-60			5.1	5.9
0-8.5			10.8	0.2
0+00, 14			8.0	3.0
0+00 P			5.4	5.6
0+30 P.			7.0	4.0
0+50			2.8	8.2
T.P.	11.65	22.02	0.62	10.37
0+74			19.8	2.2
1+00			10.1	11.9
+30			6.3	15.7
2+00			2.4	19.6
T.P.	12.00	33.72	0.30	21.72
2+50			10.7	23.0
3+00			7.5	26.2
3+35			12.1	26.6
3+50			5.5	30.2
T.P.	12.60	46.08	0.29	33.48

7' offset Disk - S.W. Cor. Oliphant & Pasadena

F.L. 24" Conc. Storm Drain

F.L. 12" Conc. Drain - IN Drop Inlet

F.L. 12" Conc. Drain IN Drop Inlet & RT. side St.

INVERT

F.L. Sewer IN M.H. - 10' P.V.

INVERT

F.L. Sewer IN M.H.

Profile - 10' S.O. P.  
 Quimby - Roscranz to Evergreen

46.08

King 6-27-52  
 Williams  
 West

(4)

4+00			11.6	34.5	✓
4+50			7.8	38.3	✓
5+00			3.2	42.9	✓
5+19			0.50	45.6	✓
T.P.	12.83	58.71	0.20	45.80	✓
5+50			8.3	50.4	✓
5+60			17.6	41.1	✓
5+99			1.2	57.5	✓
T.P.	11.99	70.22	0.48	58.23	✓
5+97.5			10.80	59.42	✓
6+00			10.5	59.7	✓
6+09			5.9	64.3	✓
6+17			4.5	65.7	✓
T.P.	9.14	74.23	3.13	67.09	✓
6+30			5.2	71.03	✓
T.D.	0.52	64.55	12.20	64.03	
TP	0.31	52.15	12.71	51.84	
TP	1.13	44.44	8.84	43.31	
T.P.	0.63	33.25	12.82	32.42	
T.P.	1.17	22.20	12.02	21.05	
T.P.	1.05	10.71	12.54	9.66	
			3.91	06.80	06.79

Top - 0.1 drive

INVERT  
 Ex. Sewer Mgt.

Top Conc. Wall





Plan & Profile  
C 1000 st.  
McCaulley. Oliphant

6-30-58  
King  
W. Williams  
Jacobs  
Martel

B.M.	6.41	121.30		114.49	
0-32 <sup>u</sup>			5.5	115.8	
0-13			4.9	116.4	
0-11			4.3	117.0	✓
0+00			4.2	117.1	✓
+50			5.6	115.7	✓
1+00			7.1	114.2	✓
+50			8.6	112.7	✓
2+00			9.8	111.5	✓
+50			11.6	109.7	✓
T.P.	1.02	109.67	12.71	108.59	
3+00			3.4	106.3	✓
+50			7.4	102.3	✓
4+00			11.4	98.3	✓
4+50			14.5	95.2	✓
4+75.5			19.8	89.9	✓
T.P.	11.08	119.53	1.22	108.43	
B.M.			5.07	114.46	

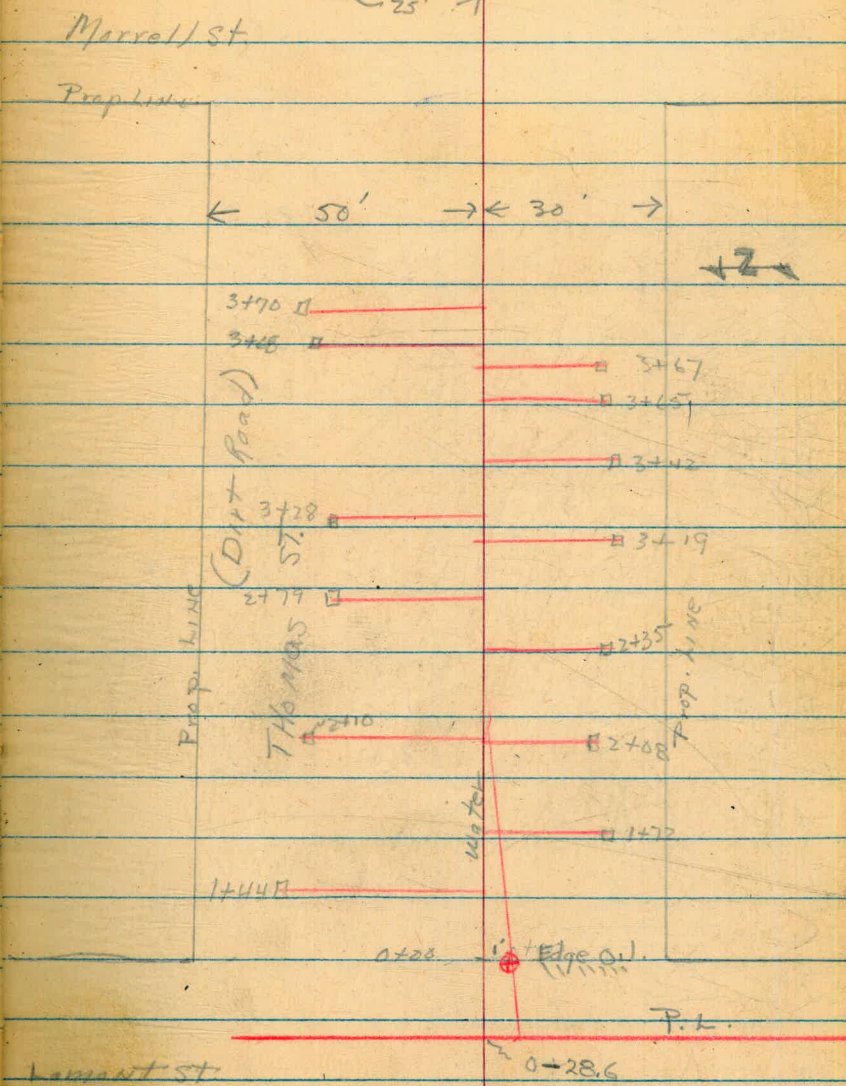
Well in T.P.

Top Water Line (by Pipe Finder)

Plan & Profile  
 Thomas St.  
 LAMONT to Hayes

B.M.	Chiseled x M.E. curb Lamont to Hayes			
	087	42.63		41.76
0+00			2.2	40.4 ✓
1+50			6.1	36.5 ✓
1+00			8.1	34.5 ✓
1+50			8.6	34.0 ✓
2+00			8.9	33.7 ✓
2+50			8.1	34.5 ✓
3+00			5.8	36.8 ✓
T.P.	4.52	41.15	6.00	36.63
3+50			3.6	37.6 ✓
4+00			3.9	37.3 ✓
4+50			4.4	36.8 ✓
5+00			5.4	35.8 ✓
5+45 S.M.H.L.			29.5	11.7 ✓
5+50			7.4	33.8 ✓
6+00			11.1	30.1 ✓
T.P.	1.00	29.38	12.77	28.38
6+50			2.5	26.9

6-30-52  
 King  
 Williams  
 Martel  
 Jacobs



Plan & Profile  
Thomas St.  
Lament-Noyes

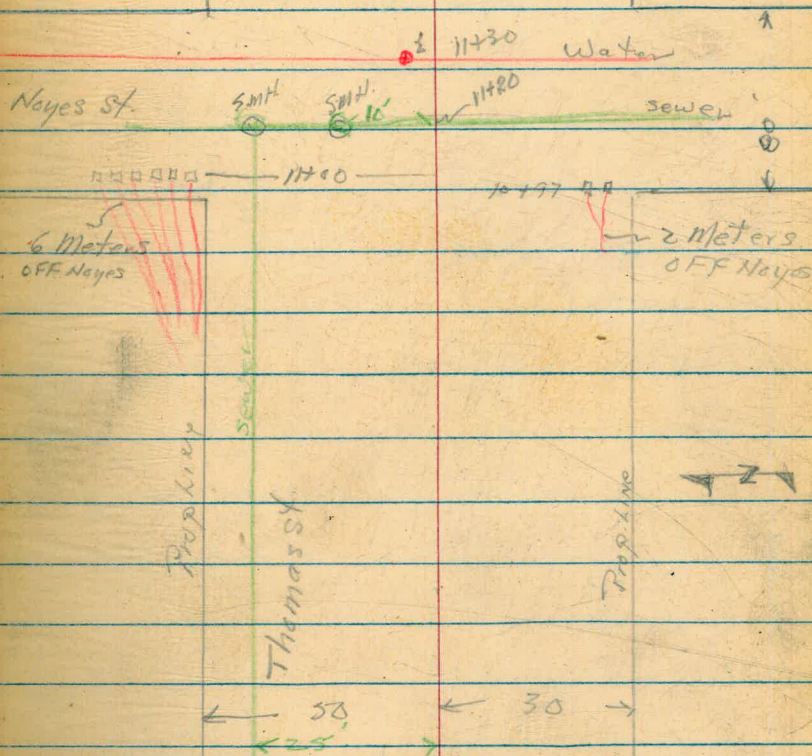
29.38

KING  
Williams  
Jacobs  
Martel

6-30-52

(8)

7700			4.4	25.0	✓
7750			5.2	24.2	✓
8100			5.3	24.1	✓
8750			5.6	23.8	✓
9400			6.3	24.1	✓
9750			6.0	23.4	✓
10400			5.0	24.4	✓
10450			3.0	26.4	✓
T.P.	10.10	34.48	5.00	24.38	
11400			5.4	29.1	✓
S.M. Top Bng			4.00	30.48	
11720					
S.M. Fl.			13.8	20.7	✓
11750			3.4	31.1	✓
T.P.	11.13	45.57	8.04	31.44	
B.M.			3.83	41.74	41.76



Morrell St.

PLAN PROG. 16  
Eureka - Riley to So. TERMINUS

TOP Pipe N. Edge Bill. Riley - Eureka	0.24	88.36		87.62	
No. L. 0+00 - Riley St.			4.9	83.5	✓
+ 50			11.7	76.7	✓
T.P.	0.56	75.85	13.07	75.29	✓
1+00			6.8	69.1	✓
T.P.	0.63	64.26	12.22	63.63	✓
1+50			2.5	61.8	✓
2+00			9.00	55.3	✓
2+50			12.4	51.9	✓
T.P.	0.76	52.38	12.64	51.62	✓
3+00			3.2	49.2	✓
+ 50 Edge 3+66.01			8.2	44.2	✓
3+75			8.5	43.9	✓
3+75			8.50	43.9	✓
so. Edge 3+86.01			8.9	43.4	✓
4+00			9.0	43.4	✓
4+50			10.0	42.4	✓
5+00			11.8	40.6	✓
T.P.	0.49	39.93	12.91	39.44	

7-1-52  
King  
Martel  
Williams

clear Hat.

9

YUMA ST.

Prop. Line

Prop. Line

FRANKS Road &  
(3" E.O. 1701)



Prop. Line

Riley St

Prop. Line

605P 74.15

7+00

5+60

18'

3+86

3+85

3+75.15

10' E.O. 1701

3+67

3+64

3+48

3+39

3+17

3+09

3+22

3+22

0+92

0+86

0+94

0+92

0+50

End 2"

0+16

0+02

35'

Prop. Line

Everka - Riley - Yuma

King

7-1-52

16

39.93

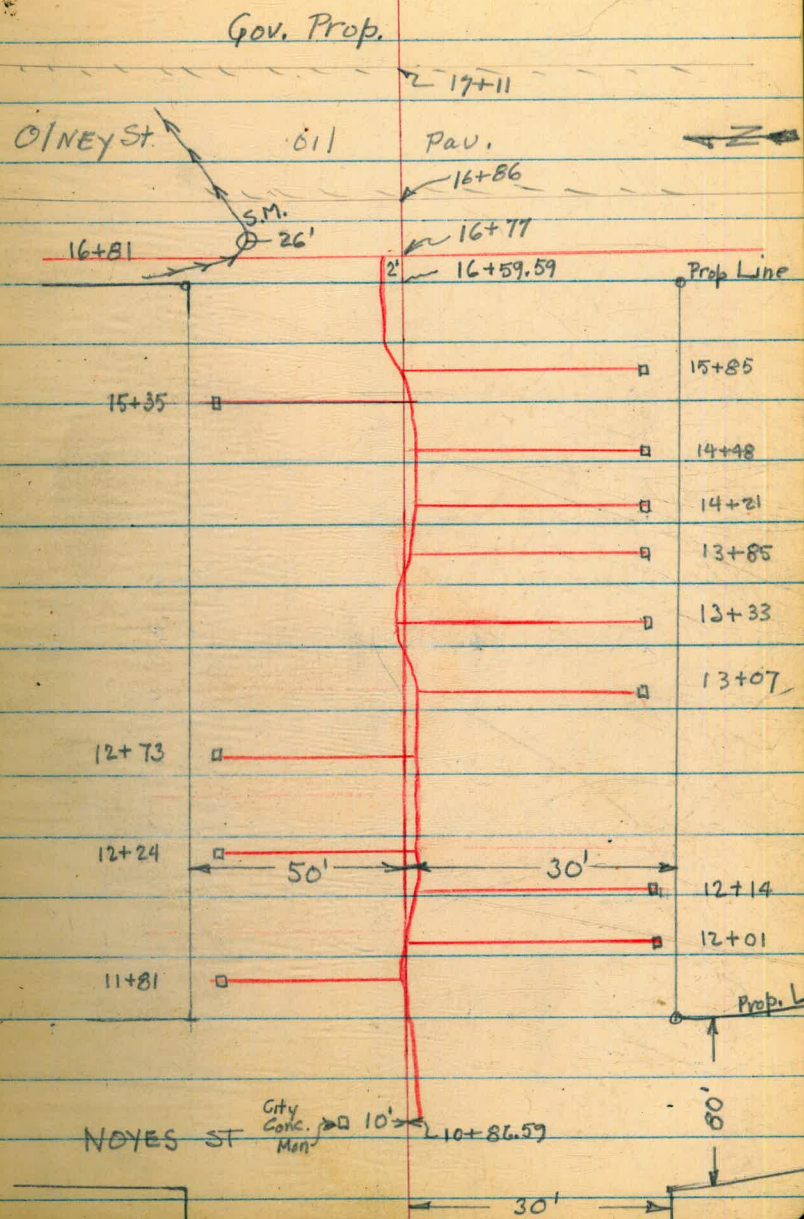
B.	5450		4.9	35.0	✓
0+	T.P.	0.55	27.70	12.78	27.15
	6400		1.2	26.5	✓
	+30		8.1	19.6	✓
	750		10.3	17.4	✓
	T.P.	5.81	20.76	12.75	14.95
	7700		5.8	15.0	✓
	7435		9.20	11.6	✓
	T.P.	12.60	33.14	0.22	20.54
	T.P.	12.25	45.25	0.17	33.00
	T.P.	12.91	57.72	0.43	44.82
	T.P.	12.42	69.99	0.15	57.57
	T.P.	12.27	81.86	0.40	69.59
31	T.P.	8.00	88.23	1.63	80.23
32	Bm		0.63	87.60	87.62

Plan & Profile Thomas St  
Noyes - Olney

7-10-52  
King (by Landon)

(11)

B.M.	4.22	34.70	30.48	Ep S.M.H. 11+20
11+50			3.6	31.1
12			1.6	33.1
+50			1.9	31.8
13			2.8	31.9
+50			5.0	29.7
14			7.9	26.8
+50			9.5	25.2
15			10.4	24.3
T.P.	4.07	28.45	10.32	24.38
15+50			5.2	23.25
16			5.6	22.85
+50			6.7	21.75
16+81 - Top S.M. Hide FL.			8.10	20.35
			18.1	10.35
17+00			9.4	19.05
T.P.	10.71	37.55	1.61	26.84
CK-BM			7.07	30.48
			30.48	



Quincy St Locust St  
to Evergreen check depth  
of existing main

	4.32	11.10	6.78
	12.68	23.24	0.54 10.56
	12.97	35.69	0.52 22.72
0+13		7.88	27.81
	10.37	45.62	0.44 35.25
0+67		11.73	33.89
1+28		5.70	39.92
	12.00	57.25	0.37 45.75
1+84		9.39	47.86
	0.24	45.73	12.26 44.99
	0.18	33.15	12.26 32.97
	0.16	21.01	12.30 20.85
	2.46	12.65	10.82 10.19
	4.85	11.89	5.61 7.04
		5.10	6.79-6.78

West  
Williams  
Kemp

12-17-53

12

① Tag Oliphant + Rosecrance <sup>See page 5</sup>

Top 6" AC Main

0+00 West Prop Line Locust St

Alleys BIKs 62+85  
 N of Dwight E of Wilson

6+79 P.O.T. SPIKE



10+07 POT

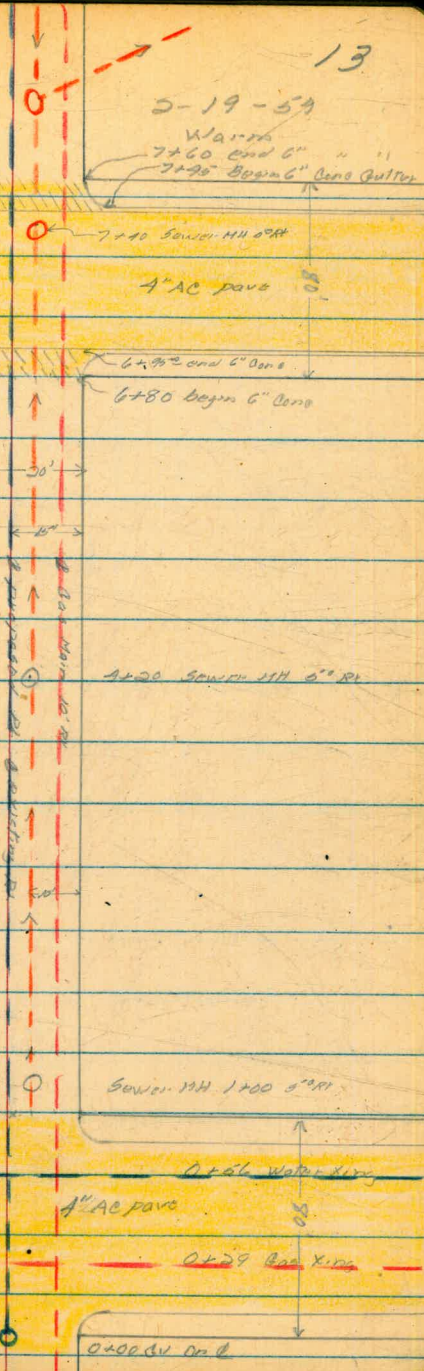
0+00

North prop line Wightman

West  
 Williams  
 Varonakis 9+00 sewer MH  
 Kemp

Landis

Wightman



13

5-19-59

Wards  
 7+60 end 6"  
 7+25 begin 6" Cere Gutter

7+40 Sewer MH 24"

4" AC pipe

6+79 end 6" Cere

6+80 begin 6" Cere

30'

15'

ALLEY BIK 62

9+20 Sewer MH 24"

0

Sewer MH 1+00 24"

0+66 Water Line

4" AC pipe

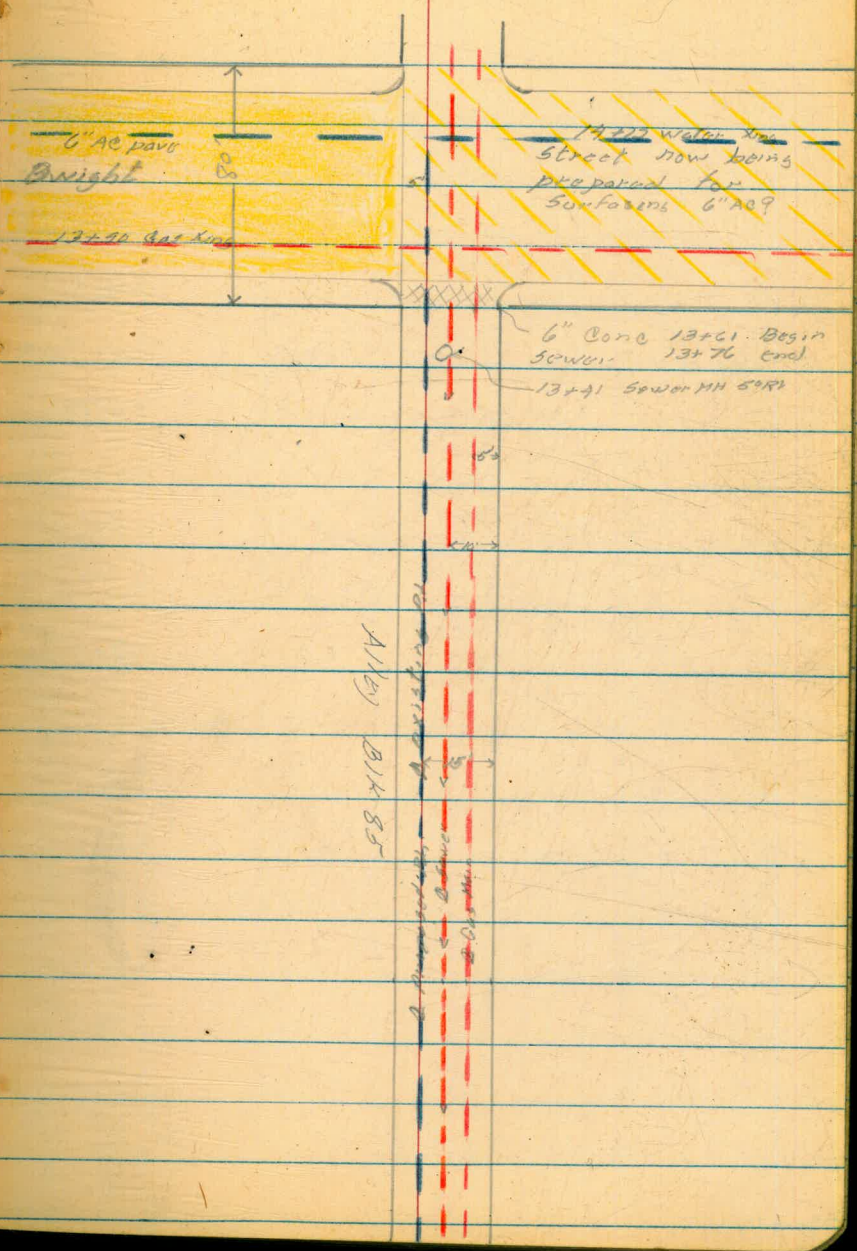
0+29 Box X.M.

0+00 dv end



14 + 10 23

South prep line Dwight



Alleys Blks 62 + 85  
 N of Dwight  
 E of Wilson I Profile

19-2-64

1.88	329.43	327.55
8.42	337.56	329.14
12.51	348.70	336.19
0+00	0.5	348.2
+07	0.56	348.14
+15	0.99	347.76
+50	0.96	347.74
+65	1.47	347.23
+80	1.32	347.38
+100	1.4	347.3
+100	1.41	298 to Flow
+50	3.2	345.5
+200	5.2	343.5
+50	7.4	341.3
+100	8.0	340.7
+50	9.0	339.7
+100	10.5	338.2
		+4.9 To Flow
+20	1.55	339.32
	10.93	337.77

NW 3P 36<sup>th</sup> + Dwight

North prop line Wightman

edge bone

Gutter

Gutter

edge AC pave

Top east rim sewer MH 1.5 RI

Top east rim sewer MH 5.0 RI

339.32

4+50	1.6	337.7
5+00	1.7	337.6
+50	2.4	336.9
6+00	3.9	335.42
+50	4.7	334.62
+80	5.60	333.72
+93	5.97	333.35
7+00	5.73	333.59
+40	6.23	+4.9 To Flow
+46	6.46	332.86
+50	6.41	332.91
+60	6.36	332.96
8+00	7.3	332.0
+00	7.17	+28' To Flow
+50	7.8	331.52
9+00	8.3	331.0
+50	7.9	331.4

4.82 337.02 7.13 332.20

North edge concrete apron  
Butter

Top east rim sewer MH 6' x 8'  
Butter south

edge concrete apron

Top east rim sewer MH 6' x 8'

2-19-54

337.02

+ 10.4 To Flow.

Top east rim sewer 15H 6" RI

8+79	5.62	
10+00	4.8	332.2
+50	4.7	332.3
11+00	5.1	331.9
+50	5.6	331.4
12+00	6.8	330.2
+50	8.1	328.9

13+00

9.1

327.9

+ 3.6 To Flow

Top east edge sewer 11H 5" RI

+41	10.09	
+50	10.5	326.5
+61	11.29	325.78
+76	11.8	325.2
19+00	11.9	325.1
+10 <sup>73</sup>	12.9	324.6

Begin 4" concrete pipe

end 6" " "

South prop line Dwight

5.92 331.83 11.11 325.91

1.21 327.62 =

327.55



Q Profile Alley BIX 75

	4.66	314.37	339.77
	9.84	353.42	313.59
0+00	1	4.90	348.5
1+0		5.28	348.1
+50		5.26	348.2
+65		5.82	347.6
+80		5.89	347.7
1+00		4.3	349.1
+20		5.01	348.4
150		4.8	348.6
2+00		5.6	347.8
+50		6.6	346.8
3+00		7.4	346.0
+50		7.9	345.5
4+00		9.0	344.4
+50		11.1	342.3
5+00		12.6	340.8
	3.28	344.33	12.87
		4.0	340.3

West  
Williams  
Varontakis  
Kemp

19

2-25-54

NW BP A3<sup>rd</sup> + Dwight

North prop line Lardis

Butter

353.42

5.26

348.16

Butter

End 8" cone

Top line sewer MH 0' RL

344.33

5+77	403	340.3
6+00	3.99	340.3
6+50	4.77	339.6
+82	4.56	339.8
+95	4.68	339.7
7+00	4.68	339.7
+46	5.1	339.2
+50	5.1	339.2
+60 <sup>5</sup>	4.88	339.5
	4.55	339.78

Begin AC pass

Begin AC Pass

Cutter

Cutter

South prop line Dwight

= 339.77

344.33  
 1.68  
 339.65







Profile Alleys blks.  
91 + 129

	4.77	322.32	322.55
	407	327.71	9.68 323.11
0+00		329	324.4
+12 <sup>5</sup>		407	323.6
+50		399	323.7
+65		4.49	323.2
+80		3.72	324.0
1+00		2.2	325.5
1+00		3.12	324.6 + 7.6 to flow
+50		2.6	325.1
2+00		3.2	324.5
+50		4.1	323.6
3+00		4.9	322.8
+50		6.1	321.6
4+00		7.7	320.0
+50		9.2	318.5
5+00		11.4	316.3
	1.26	316.58	12.39 315.32
+50		3.0	313.6

West  
Williams  
Sarantakis  
Kump

23

2-25-59

BP NW cor. Dwight 436<sup>th</sup>

North prop. near Dwight

Bottom

Bottom

edge AC pav

324.59

Top east rim S. side Mill

316.58

6+00		4.3	312.3
+33		4.67	311.97
+50		4.9	311.7

Top East Rim Lower Hill 500ft

7+00		6.3	310.3
+50		7.6	309.0
8+00		10.0	306.6

1+50	0.20	304.59	12.29	304.39
+50		1.0		303.5

cod

9+00		5.6	298.9
+50		10.9	293.6

+57	0.72	293.70	11.56	292.98
-----	------	--------	-------	--------

Top East Rim Lower Hill 500ft

+63		1.2	292.5
+76		3.9	298.8

1.3  
5.2 ft

1.4  
15 ft

3.9  
5.1 ft

3.5  
15 ft

10+00		6.6	287.1
-------	--	-----	-------

6.8  
5.1 ft

6.7  
15 ft

+01 <sup>23</sup>		7.4	286.3
-------------------	--	-----	-------

7.6  
5.2 ft

6.8  
15 ft

12.00	300.30	6.30	287.40
-------	--------	------	--------

12.09	313.25	0.09	300.26
-------	--------	------	--------

12.28	325.33	0.20	313.05
-------	--------	------	--------

8.95	333.26	0.92	324.41
------	--------	------	--------

4.53	332.35	6.44	327.82
------	--------	------	--------

4.85			327.50 =
------	--	--	----------

327.55



Q Profile Alley BIK 86

West  
Williams  
Kemp

2-20-53

9.01	344.35	336.34	
0+00	3.92	340.4	
+14	4.38	340.0	
+50	4.30	340.0	
161	5.14	339.2	
+80	5.0	339.3	
1+00	2.9	341.4	
+50	4.2	340.1	
2+00	6.7	337.6	
+50	9.3	335.0	
3+00	12.7	331.6	
075	332.19	12.91	331.14
1+0	4.7	327.5	
+50	8.6	323.6	
0.93	321.61	11.41	320.78
0.34	309.35	12.60	309.01
4+00	11.2	298.1	
4+00	11.46	+50 to flow	
3.59	301.16	11.78	297.57

NW BP 35<sup>th</sup> + Landis

North prop line Landis

Cutter

Cutter

edge AD pave

5.5  
5.25

2.7  
15.81

10.2  
5.25

6.4  
15.81

12.0  
5.25

6.8  
15.81

Top post via sewer MH 31 RI

Alley BIK 8/1 cont.

30116

4+50	10.8	+	290.3
4+50	11.57	+55 to Flow	297.6
4+79	12.9		288.3
5+00	10.3		290.9
+16	9.5		291.7
5+50	+3.8		305.0

12.29 313.28 0.17 300.99

10.48 323.22 0.54 312.74

11.42 333.41 1.23 321.99

7.54 339.85 1.10 332.31

2.70 336.15 =

336.74

$\frac{109}{5.11}$

$\frac{10.8}{15.81}$

Top east rim sensor M11 30.81

crack bottom crack flows South West

$\frac{9.8}{5.21}$

$\frac{11.8}{15.81}$

$\frac{8.2}{5.11}$

$\frac{11.3}{15.81}$

$\frac{4.3}{5.11}$

$\frac{0.2}{15.81}$

Alley BIK 102  
S of Myrtle E of 43<sup>rd</sup>

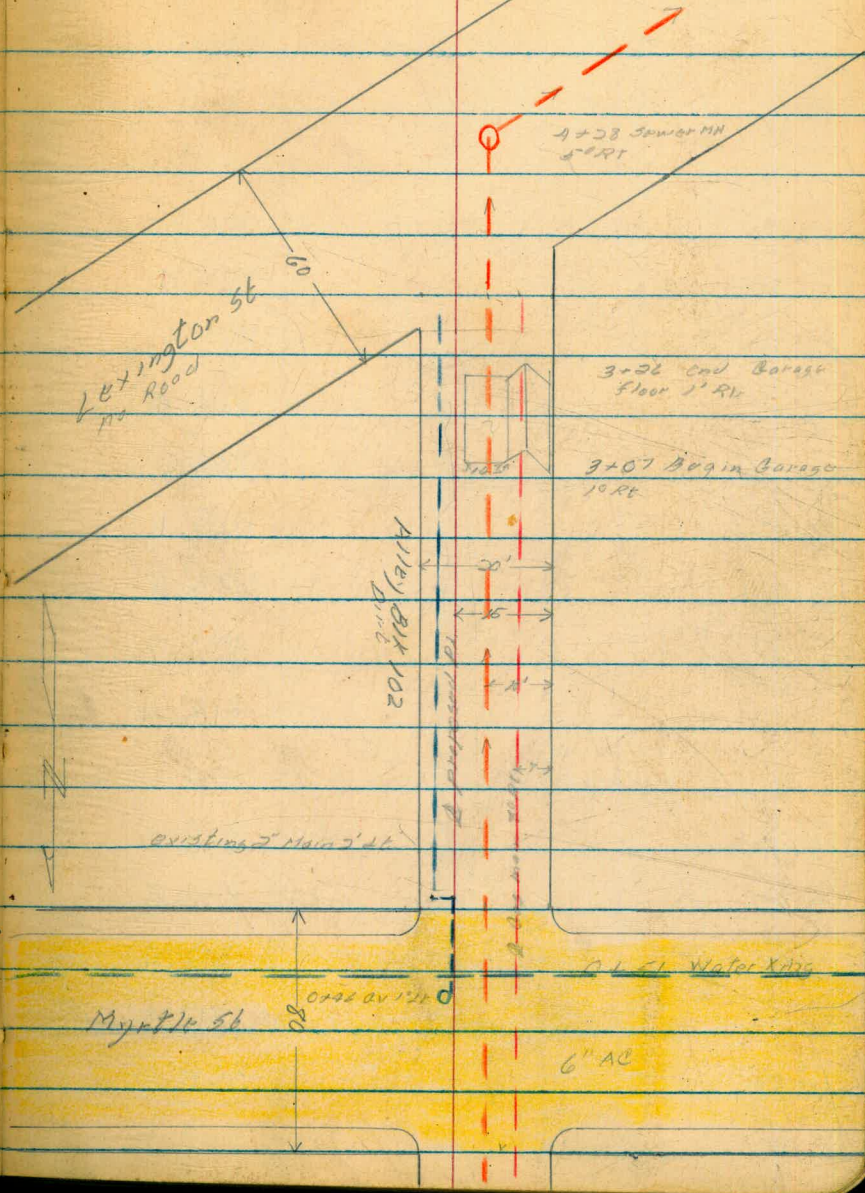
West  
Williams  
Varonakis  
Korap

29

3-1-54

A+57 E 1/2

South prop line Lexington



2+50 POT

0+73 PAT

0+00 North line Myrtle St

3-1-54

0+0	340.23	339.77	
0.78	328.14	12.87	327.36
3.03	327.55	3.62	324.52
0+00		2.10	325.5
+14		2.19	325.4
+50		2.43	325.1
+65		3.22	324.4
+80		3.00	324.6
1+00		2.5	325.1
+50		3.8	323.8
2+00		5.9	321.7
+50		9.2	318.4
3+00	3.46	318.01	1300 314.55
+07		5.53	312.5
+07		5.72	312.4
3+26		6.07	312.1
+50		10.0	308.0
4+00		15.4	302.6

BM 43rd + Dwight

North prop line Myrtle

Cutter

Cutter

End AC pipe

327.55  
2.43  
325.12

10 RT Begin Cont Garage Floor 1<sup>st</sup> RT

11.7 RT west edge of slab

10 RT End Cont Garage Floor

9.8  
5.11  
15 RT

15.9  
11.7 RT Floor

Bottom of Draw



318.01  
137.0  
304.51

318.01

+15 To Flow Line

4+28

13.50 304.5

Top east rim 30' W of MH 50 ft

4+37

12.90 305.1

4+50

10.9 307.1

11.0  
0.15

12.7  
0.84

6.04 323.35 0.70 317.91

13.04 335.86 0.63 322.82

7.02 342.76 0.12 335.74

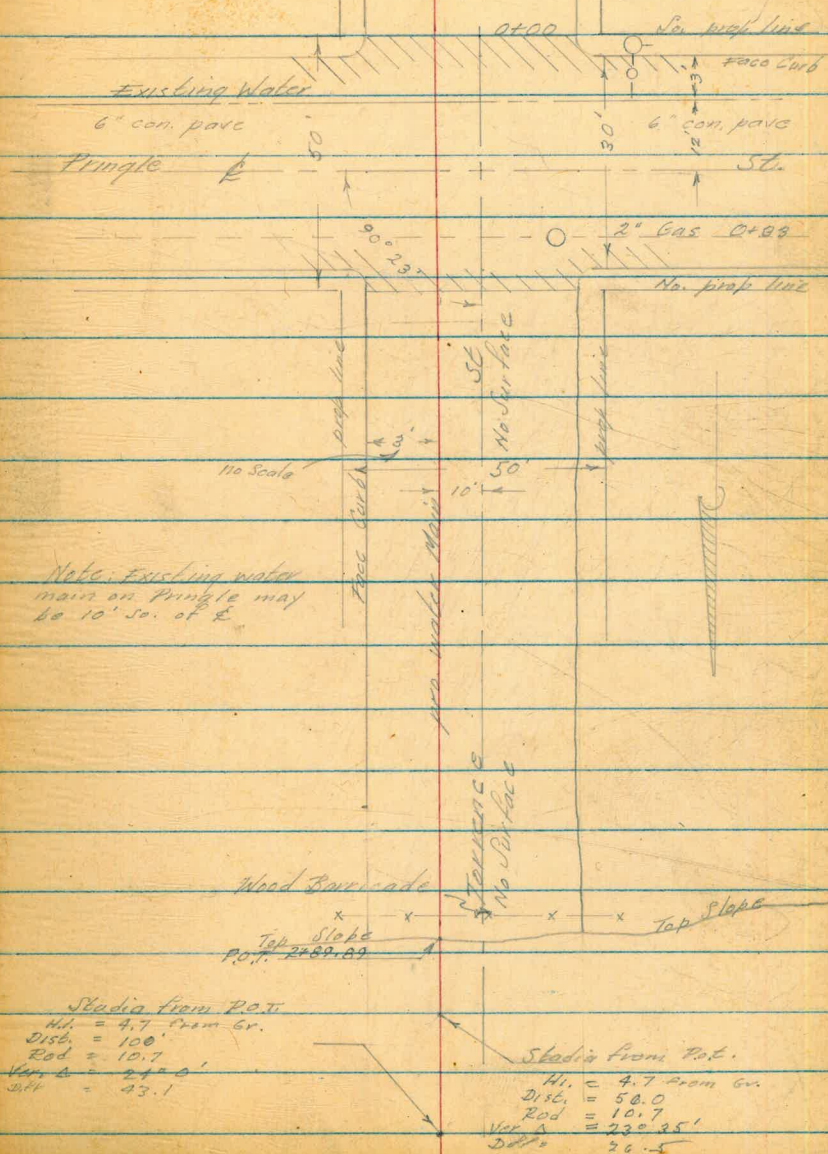
2.96 339.80 = 339.77

Profile of Terrence St Pringle to

Mission Hills Blvd

Wert  
Varentatis  
Holahan  
A-26-54  
31

Sta	+	HL	-	Flv.	
				T.B.M. 237.39	E.H. SW cor Terrence Pringle
	7.88	245.27			
0+00			9.1	236.17	So. Prop Pringle So. Gutter
+10			9.3	235.97	Pringle
+25			8.4	236.87	Pringle
+33			8.4	236.87	2" Gas No. Gutter
+40			8.6	236.67	Pringle No. prop
+50			8.2	237.07	Pringle
1+00			3.7	241.57	
+50			1.8	243.47	
P.O.T. +57.42			1.9	243.37	
2+00			4.2	241.07	
+50 P.O.T. 2+89.89			8.3	236.97	
			11.0	234.27	
T.P.			6.28	238.99	
	6.37	245.36			
			7.98	237.38	B.M.





Went  
Varanalis,  
Holohan.

4-2-54 - Clear &amp; Warm.

Level Circuit from Torrence St

to Titus St. on Pringle St.

			237.27
	0.46	237.73	
T.P.		13.23	224.50
	0.29	224.79	
T.P.		11.33	213.46
	0.17	213.63	
T.P.		12.10	201.53
	1.25	202.78	
T.P.		4.53	198.25
	0.73	198.98	
		13.21	185.77
	1.35	187.12	
		11.37	175.75
	0.02	175.77	
		12.41	163.36
	0.30	163.46	
		12.84	150.62
	0.46	151.08	

Top E.H. S.W. Cor. Torrence &amp; Pringle

Top E.H. S.W. cor. Guy &amp; Pringle St's

L.P.T. N.W. Cor. Linwood &amp; Pringle St's.

## Continue Level Circuit

	151.08		
		12.71	138.37
0.57	138.94		
		1.40	137.54
1.42	138.96		
		0.19	138.77
12.65	151.42		
		0.65	150.77
13.10	163.87		
		0.70	163.17
12.43	175.60		
		0.04	175.56
12.45	188.01		
		1.12	186.89
12.34	199.23		
		0.97	198.26
12.56	210.82		

Top F.H. SE. Cor. Tildus &amp; Pringle

Top F.H. S.W. cor. Guy & Pringle Sts. <sup>city</sup> (197.87)

## Continue Level Circuit

	210.82		
		0.10	210.72
12.79	223.51		
		0.50	223.01
12.62	235.63		
		3.09	232.54
5.83	238.37		
		1.09	237.28
			237.27

Top F.H. SW. cor. Terrence &amp; Pringle Sts.

" " " " " "

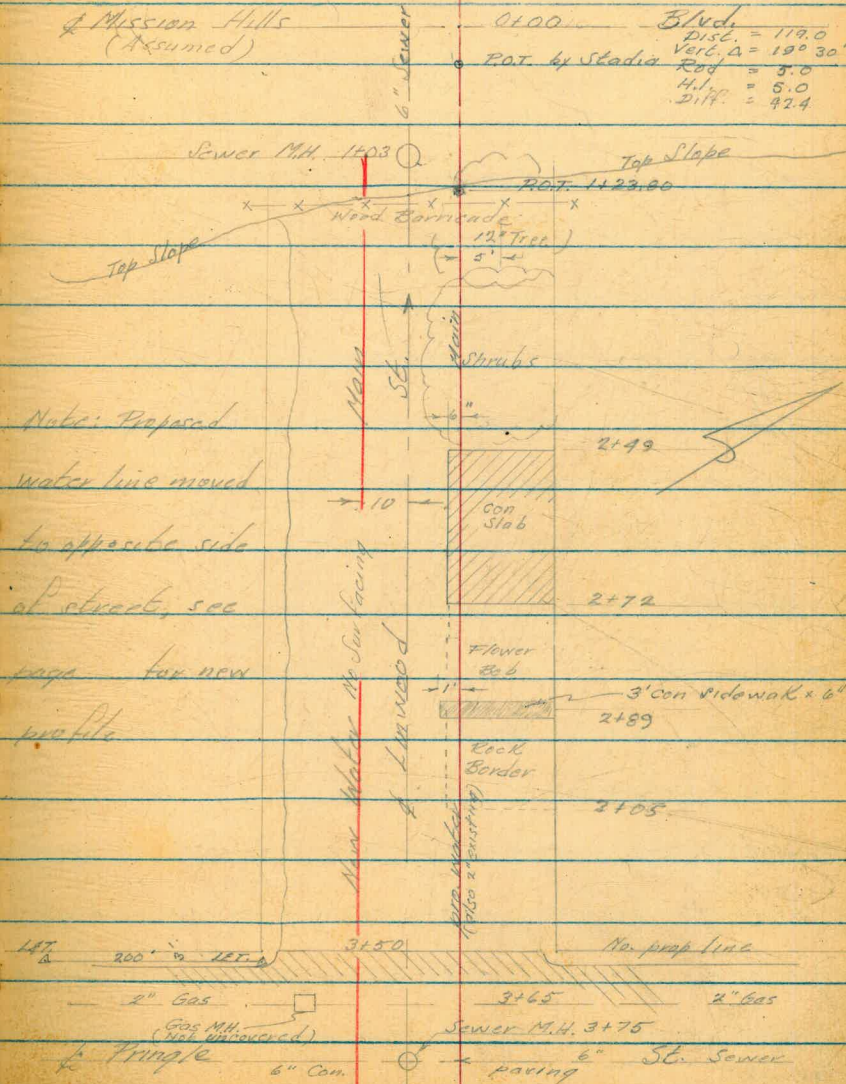
4-27-54

Profile & Water Linwood St, Mission Hills

Blvd to Keating St

Clear of Warm

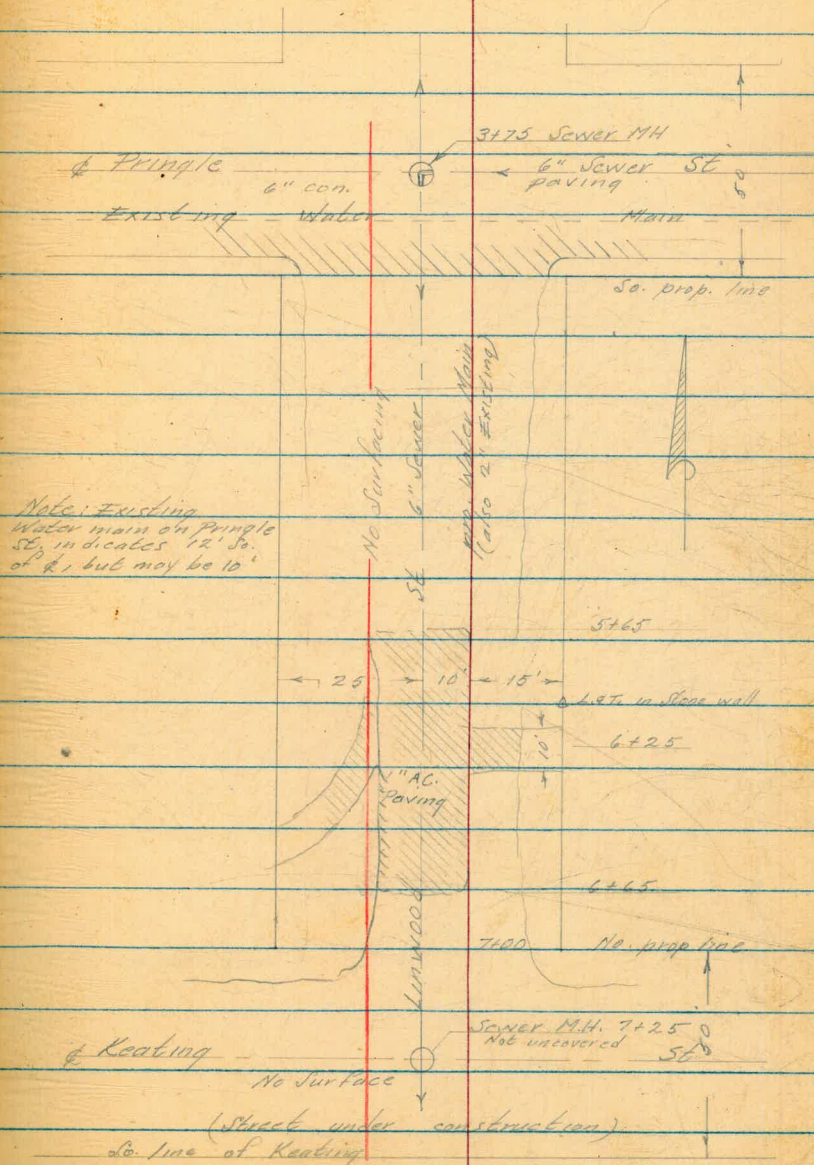
			2.87 M.W. Cor. Pimple	
	5.70	168.74	163.04	
1+03		Flow 15.1 Run 9.8	153.64 158.9	Sewer
1+23.80				P.C.T.
	1.50		1.8	
	2+00		5.1	
	1.50		1.7	
	+74		4.5	
	+89		3.5	
	3+00		3.5	
	+50		3.8	
	+60		3.0	
	+65		3.2	No. Gutter Pimple
	+75	Flow 7.0 Run 3.4	2.9 3.4	Sewer So. Gutter Pimple So. Prop
	+90		2.6	Edge con.
4+00			2.7	
			2.38	166.36
	3.31	169.67		



## Linwood St. Continued

	169.67		
4+50	0.30		
5+00	0.30		
5+22.80	1.5		TOT
+50	3.6		
+78	5.7		
6+00	9.9		
T.P.	13.21	156.46	
	0.20	156.66	
6+25	2.1		
+50	7.3		
T.P.	12.59	144.13	
	0.22	144.35	
+75	1.3		No. prop
7+00	9.7		Keating
+10	13.2		
7+25	12.9		Keating
7+40	14.3		

This curve returned to 30' flat







Myrtle St. continued

2+20.7

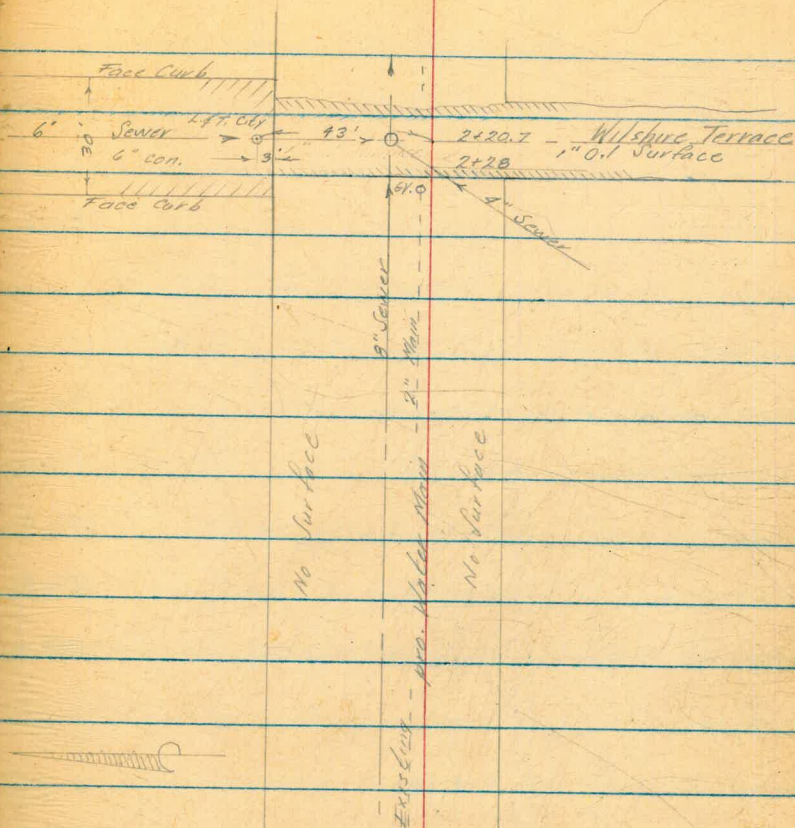
4" Sewer, M.H. 2' No. of water

2+28

Pl. of water & 4" Sewer, cut 4.0

2+33

2" GV Existing water

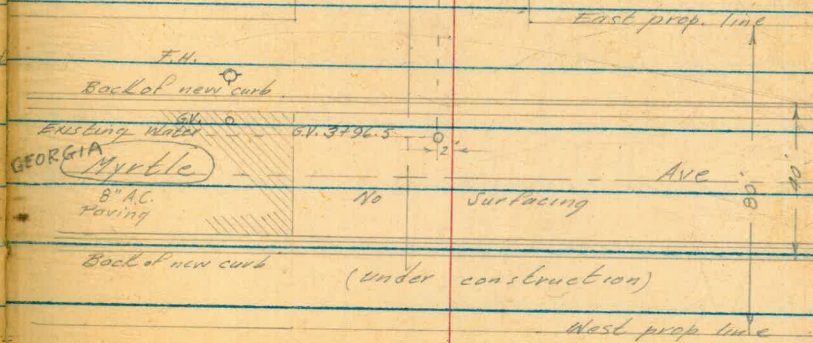


3+90.3

Back East curb of Georgia (under const)

3+96.5

Exist GV 2' No. pro water Main and Exist water main



## Myrtle St. continued

198.01

B.M. B.P. S.W. cor Florida &amp; Myrtle

6.72 204.73

0120 6.4 198.3

+01 6.2

+06 6.5

+10 7.1 197.6

+30 7.2 197.5

+50 6.9 197.8

+60 5.5 199.2

+64 5.4 199.3

T.P. 3.30 201.43

12.83 214.26

1100 10.6 203.7

+25 8.8 205.5

+30 7.5 206.8

+38 4.6 209.7

T.P. 2.22 212.04

12.99 225.03

Sewer M.H. abandoned

Storm drain M.H. 36" 2.5 to top

East curb line &amp; gutter

Sewer M.H. 10.6 rod to flow line

West curb line &amp; gutter

West edge con. pavement

Electric conduit crossing, cut 1.0 to cable

## Myrtle St. continued

225.03

+46	10.9	214.1
+59	8.3	216.7
+65	4.2	220.8
+72	0.8	224.2
T.P.	0.24	224.79

13.04 237.83

+78	11.9	225.9
+85	9.2	228.6
+96	8.2	229.6
+104	4.5	233.3
+10	1.2	236.6
+14	2.0	235.8
T.P.	1.75	236.08

8.09 244.17

+20.7	8.0	236.2
20.7	8.1	

East curb line produced Wiltshire Terrace

East edge oil surfacing

Rim Sewer M.H. ; 11.1 Rod to 4", 13.1 rod to 8"

## Myrtle continued

244.17

+28 7.3 236.9

4" Sewer crossing

+32 7.1 237.1

West edge of oil surfacing

+36 4.1 240.1

West curb line produced, Wilshire Terrace

T.P. 0.92 243.25

12.81 256.06

2+48 12.1 244.0

+54 11.2 244.9

+65 6.3 249.8

+71 5.0 251.1

T.P. 0.26 255.80

12.67 268.47

3+00 7.2 261.3

+10 7.2 261.3

+15 4.0 264.5

+20 3.4 265.1

T.P. 4.13 267.34

12.39 279.73

Myrtle continued

279.73

3+40 11.7 268.0

+54 6.6 273.1

+65 4.9 274.8

T.P. 0.85 278.88

12.76 291.64

3+75 13.6 278.0

+84 8.5 283.1

+93 8.54 283.1

T.P. 0.52 291.12

2.02 293.14

6.00 287.14

2.61 289.95

5.87 284.08

284.00

East edge back curb

N.W. B.P. Cypress & Georgia



Profile of Water on Thorn St

Union to this continued

2+39.67

7.0T. 2x2" Hub

THORN

HORTON AVE ST.

Men. 1st. (only)

4+58.23 (spike)

127.07

fruit trees

3+11.47

con. Men.

3+21.47

37.5

75.1

80?

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

JTC

Rocky

Joe Gray

con. rip rap wall 3' high

6" con. wall 6' high

4" con. driveway

7 con. steps 8" rise 16" tread

con. rip rap retain wall

8" con. wall, 6" high

con. flower bed 4" thick

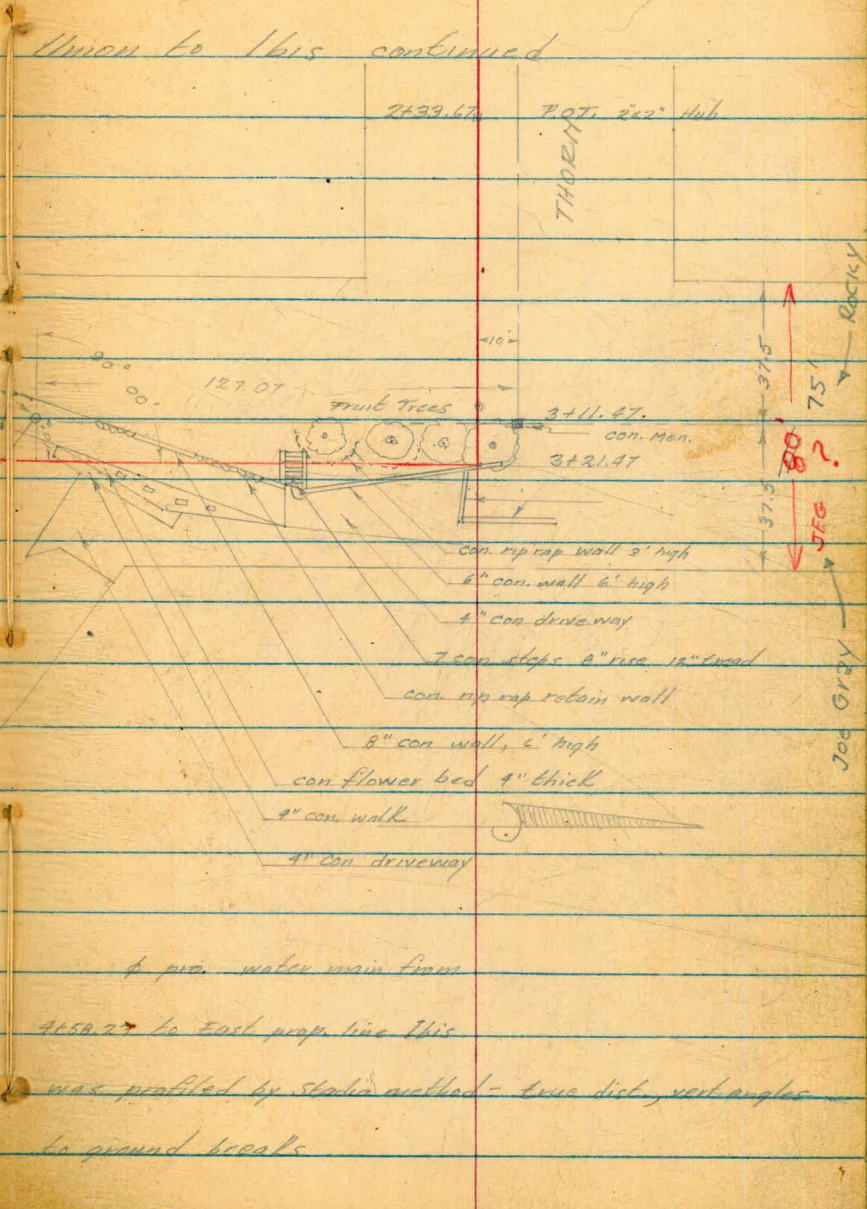
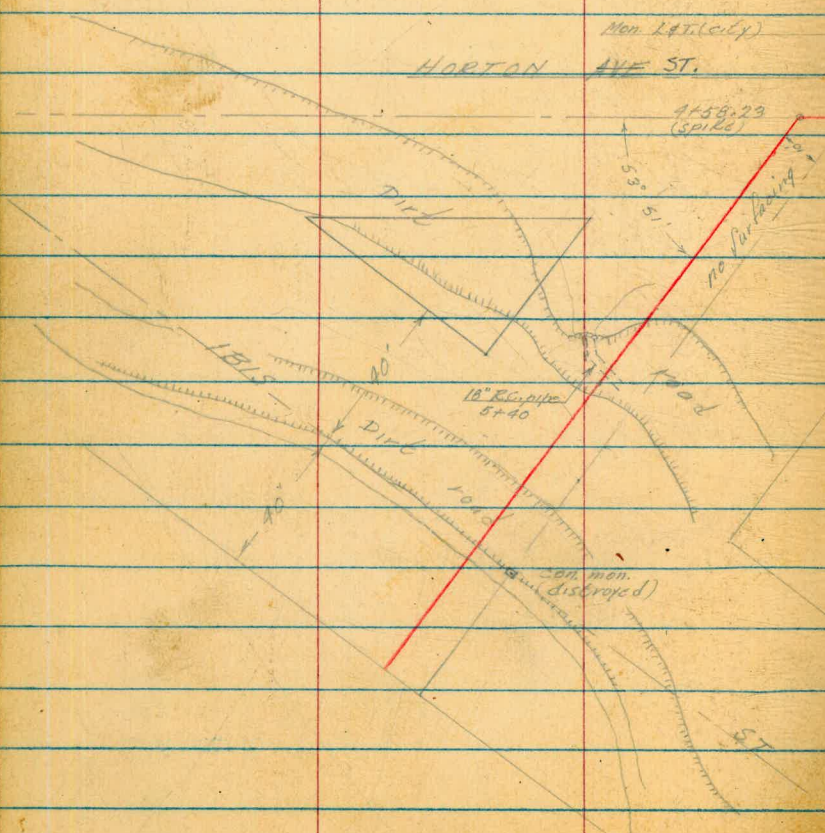
4" con. walk

4" con. driveway

4 p.c. water main from

4+58.23 to east prop. line this

was profiled by station method - true dist., vert. angles to ground breaks





Went  
Voron Falls  
Kemp  
Holahan 4-30-54 46

Thorn St. Union to Ibis

187.27

3P. SE. cor. State & Thorn

12.11 199.98

T.P. 0.22 199.76

12.60 212.36

0+00 7.7 204.7

West prop line of Union

+24 6.7 205.7

West curb line Union St.

+37 5.7

Sewer MH 10' No. 10' to Flow line

+37 6.1 206.3

to prop. water line

+47 5.8 206.6

Existing water at Union St.

+52 5.7 206.7

East curb line Union St.

+65 5.6 206.8

East edge AC paving

+84.13 5.6 206.8

P.O.T.

+100 6.8 205.6

T.P. 13.19 199.17

0.87 200.04

+150 1.3 198.7

+82.91 10.2 189.8

P.O.T. West edge driveway, 1" oil surfacing

	200.04		
1+92.91		10.5	189.5
T.P.		13.32	186.72
	4.92	191.64	
2+33.67		6.3	185.3
T.P.		12.22	179.42
	0.43	179.85	
2+50		2.2	177.7
1.75		12.2	167.7
T.P.		13.36	166.49
	0.13	166.62	
3+11.47		12.5	154.1
3+21.47		15.9	
T.P.		12.06	159.56
	1.56	156.12	
3+53		8.6	
3+70		12.0	
T.P.		11.67	144.45
	0.82	145.27	

East edge driveway 1" oil surfacing

P.O.T.

57.  
E of Horton Ave.

Angle point in water line 90° pt.

Set T.B.M. con. Men & Pl. Thorn & Horton

Top 8" con. wall

145.27

3+71	2.8		
3+75	1.6		
3+85	3.2		
3+88	8.0		
4+32	12.6		
4+32	13.4		
T.P.	12.60	132.67	
3.50	141.17		
	9.51	131.66	
4+37	9.6		
4+50.23 (4+48±)	11.41	129.76	129.8

& con. steps  
 Top 8" con. wall So. steps  
 Top rip rap retaining wall  
 Toe rip rap retaining wall, west edge con. dr.  
 West edge of con. drive  
 West edge of con. sidewalk  
  
 Set TBM L.A.T. of Huber 127 So. con. Man  
 East edge con. sidewalk  
 & water line angle point

Profile	Thorn St.	Union to	This	
4158.23	7	134.76	True Dist.	Vertical Angle - Red
4190		31.77	Level	5.9
5104		45.77	Level	4.5
5117.51		59.28	+9° 30'	5.0
5149.50		86.27	+7° 06'	5.0
5198.50		90.27	+8° 47'	5.0
5156.41		98.18	+10° 50'	5.0
5167		108.77	+11° 14'	5.0
5172		113.77	+12° 16'	5.0
5178.41		120.18	+10° 53'	5.0
5196		137.77	+11° 01'	9.0
6101		142.77	+14° 00'	5.0
6116		157.77	+14° 44'	5.0
6138		179.77	+19° 25'	5.0

Profile Thorn Union to

129.76

0.59 130.35

T.P.

8.96 121.39

1.85 123.24

12.63 110.61

1.40 112.01

T.P.

7.80 104.21

0.74 104.95

11.60 93.35

0.62 93.97

7.93 86.04

86.00

his

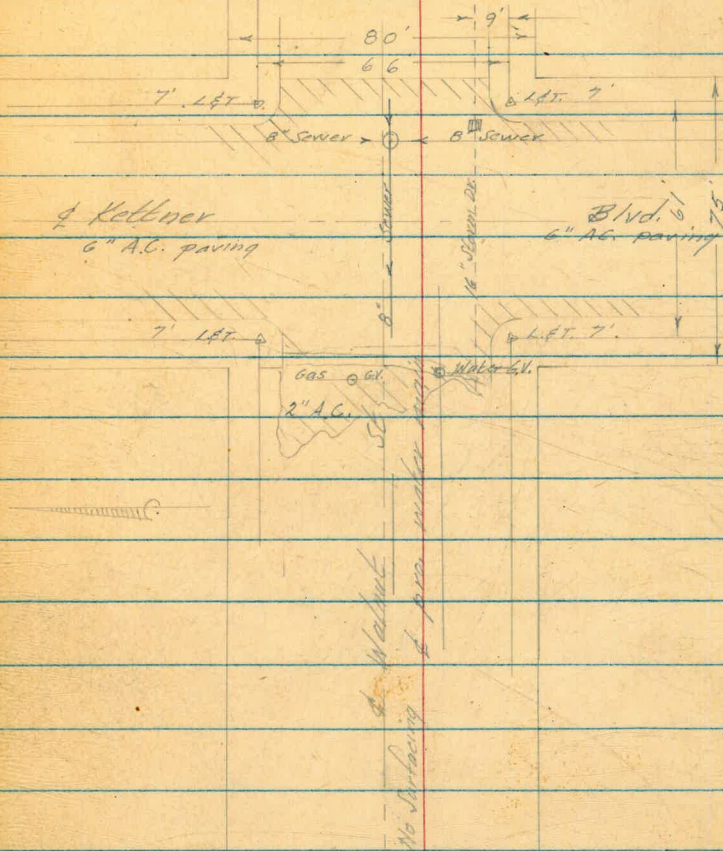
& water line angle point (spike)

St. #P. India & Spruce

Profile of 4 Water on Walnut St.

- 0+00 East prop line Kellner Blvd.
- +12 East face curb
- +14 3x3' Drop inlet Storm Dr. 16' Se.
- +17 Sewer MH. 8' No.
- +63 West curb line Kellner
- +77 West gutter & 4" exit water 4' se.
- +80 Gas MH. 18' No.
- +89 End of 2" A.C. paving over water main

Kellner to Kurtz



Werb  
Varontalis  
Kemp  
Holahan 5-6-54

Profile of Water Walnut,

Kettner St to Kurl's St

2175

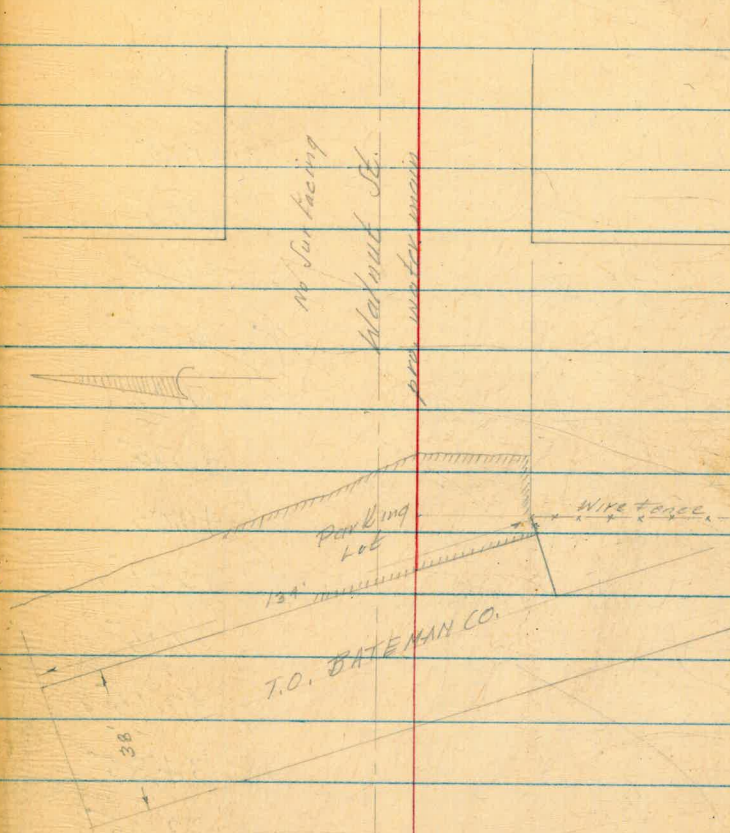
No. prop line of California St.

3130

East edge 3" oil parking lot

3160

Pl east edge of building & of prop water main



## Profile of Water Walnut

		41.04	
	3.21	44.25 ✓	
0100		2.6	41.65 ✓
+12		3.4	40.85 ✓
+17		3.2	41.05 ✓
+37.5		3.0	41.25 ✓
+50		3.2	41.05 ✓
+63		3.6	40.65 ✓
+77		4.2	40.05 ✓
+79		3.9	40.35 ✓
+89		5.1	39.15 ✓
+100		6.6	37.65 ✓
+50		9.4	34.85 ✓
2+00		12.2	32.05 ✓
T.P.		12.76	31.49 ✓
	21.24	33.73 ✓	
2+50		4.5	29.23 ✓
3+00		6.2	27.53 ✓

continued

S.E. BR. Walnut of Kellner

E.L. of Kellner

E. curb line

Sewer M.H. 14.21 rod to flow line

of Kellner

West curb line

Open gutter bottom

Top edge of gutter

Edge of 2" AC paving



## Profile of Water Walnut

continued

	33.73		
3+30		7.9	25.83 ✓
+		8.3	25.43 ✓
3+50		8.4	25.33 ✓
3+60		8.3	25.43 ✓
		8.28	25.45 ✓
12.80	38.25		
T.P.		0.14	38.11 ✓
7.99	46.10 ✓		
		5.06	41.04 ✓
		41.04	

Each edge parking lot 8" oil surfacing

East wall of building T.O. Falconer Co.

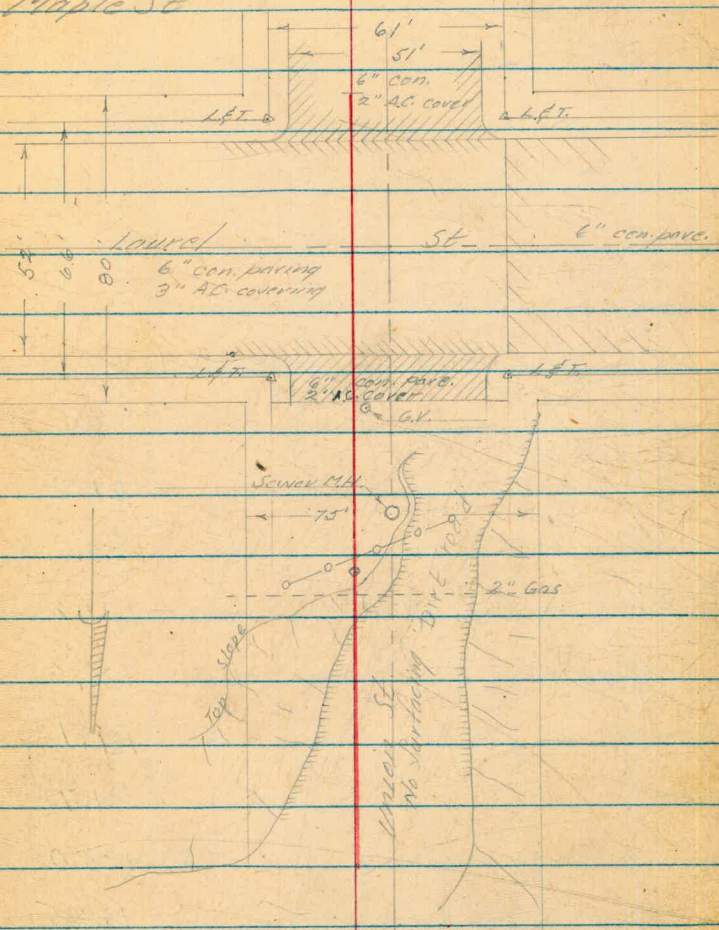
T.B.M. on post

B.M.

Went  
Yorontakis  
Kemp  
Helian 5-5-5A

Profile & Water Union St. Laurel to Maple St

0+00 So. prop. line Laurel St.  
 +14 So. curb line Laurel St.  
 +40 E. Laurel St.  
 +66 No. curb line Laurel  
 +80 No. prop. line Laurel  
 +81 Water G.V. existing 2" line  
 1+08 Sewer M.H. (abandoned)  
 1+21 Wooden barricade  
 1+24 P.O.T. pro. water main  
 1+30 2" Gas line  
 2+00 End pro. Water main. No service  
 beyond this point



Profile of Water Union St., Laurel

to Maple

146.07

0.69 146.71

T.P. 12.66 134.05

0.72 134.77

T.P. 10.56 124.21

3.26 127.47

0+00 6.3 121.2

+14 6.6 120.9

+40 5.9 121.6

+66 6.7 120.8

+80 6.9 121.1

1+00 121.7

+24 123.0

+30 124.5

+50 119.1

10.34 117.13 ✓

2.26 119.39

S.E. RR, Curlew & Laurel

Sub T.B.M. SW 7/4, Laurel & Union

So. prop line

So. gutter

& Laurel

No. gutter

No. edge AC paving

16	8.4	7.8	5.9	5.8	5.6
	20	13	7.0	0	6.0

10.6	10.7	6.1	5.0	4.5	4.1
20.0	13.0	4.0	3.0	0	7.0

3.0

0

2" gas line

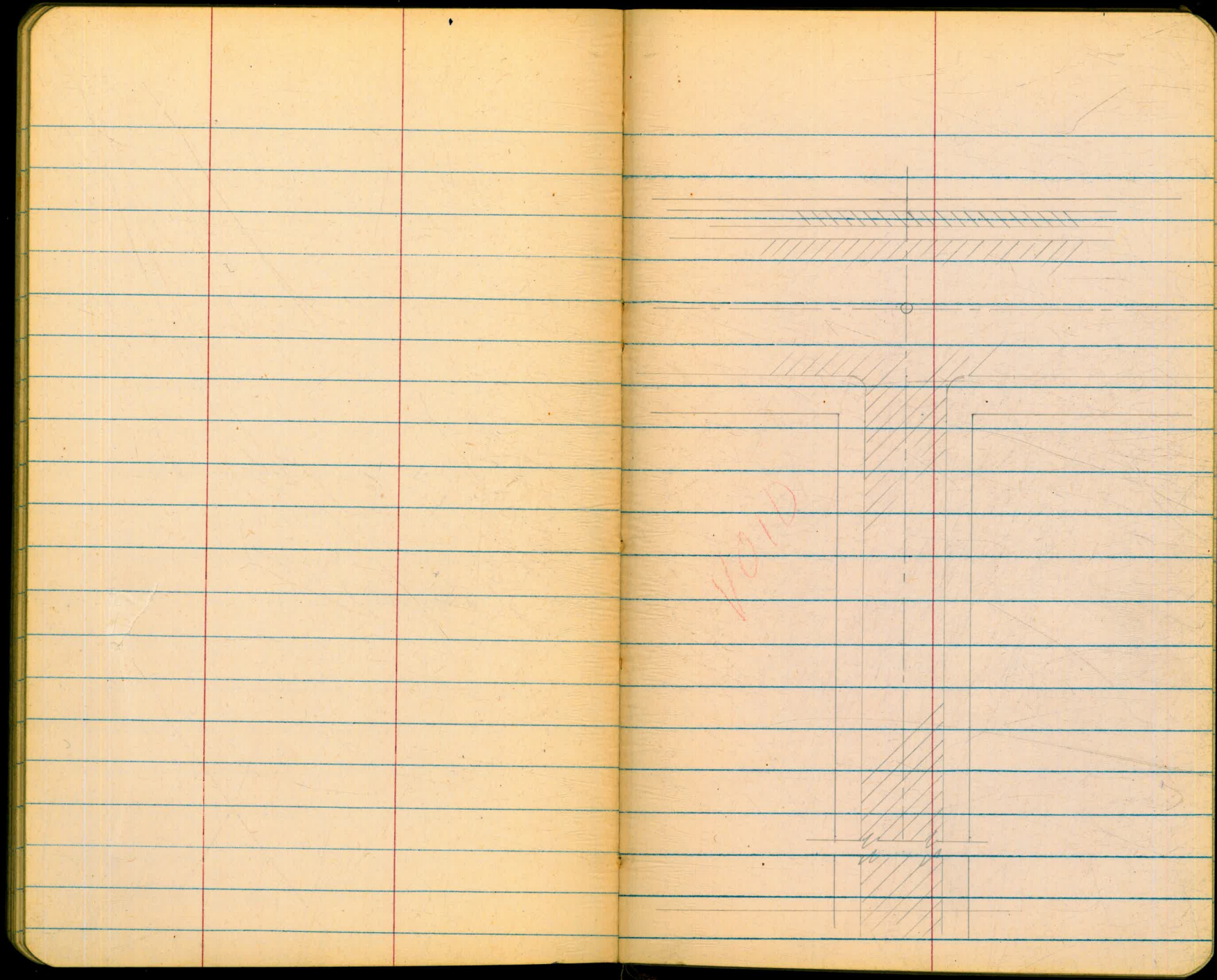
14.8	13.9	8.8	8.4	4.2
17.0	11.0	3.0	0	13.0

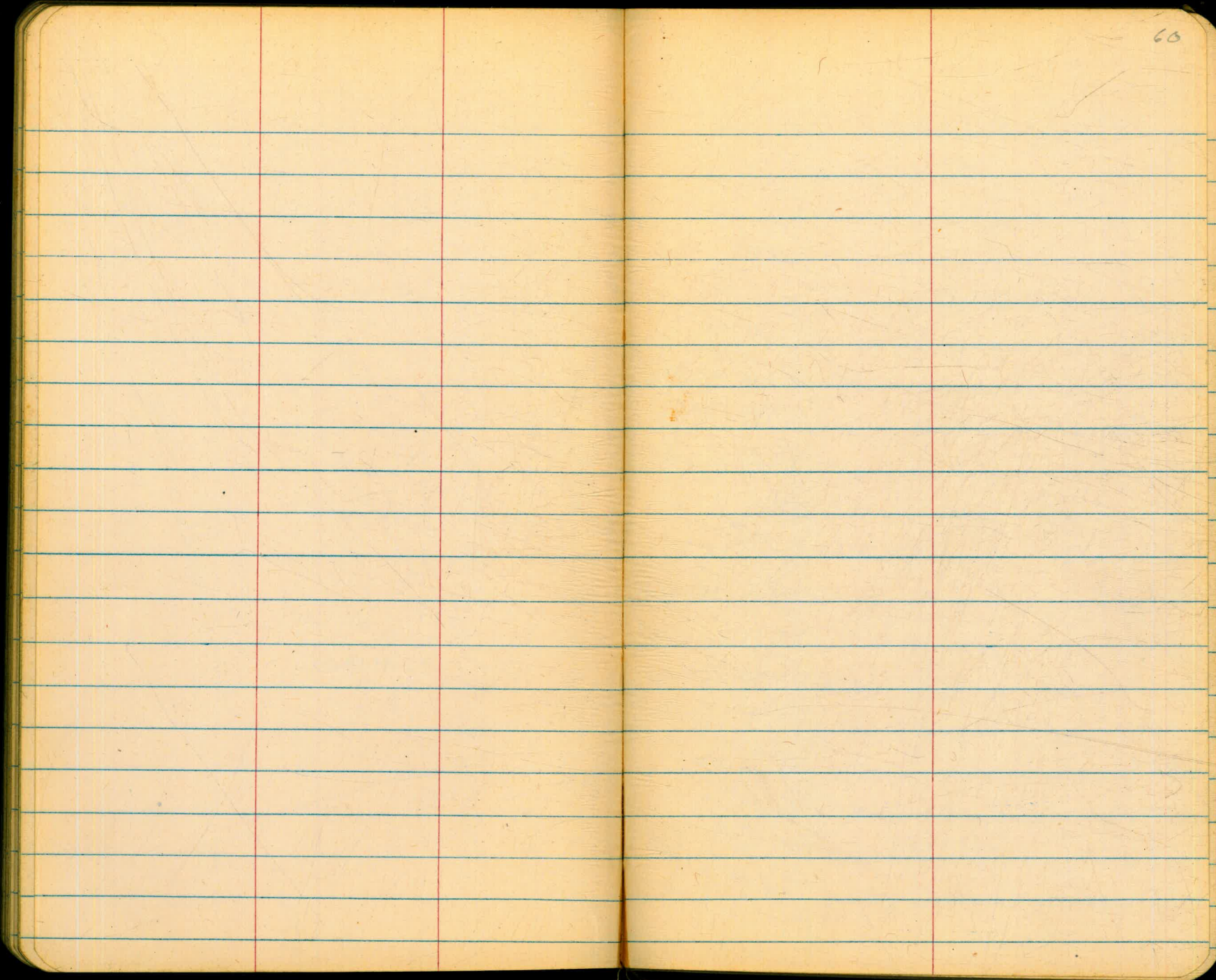
Union Profile continued

	119.39 ↓		
1475		113.99 ✓	
2400		105.49 ✓	
T.P.		118	118.21 ↓
	12.39	130.60 ↓	
T.P.		1.81	128.79 ↓
	13.20	141.99	
T.P.		1.02	140.97 ↓
	9.36	150.33	
		4.24	146.09
		146.07 ✓	

	LL		*		RT
	10.3	9.7	6.7	5.4	3.4
	10.0	7.0	3.0	0	7.0
			13.9	13.9	13.9
			7.0	0	10.5
					7.0
				1.0	7.0
					12.0

B.M.





Profile of Proposed Water on  
Revised from page 31

Linwood, Mission Hills to Keating

~~162.16~~ 16A.32  
by DML 5/20/54

L.F.T. 3' off S.W. cor. Linwood & Pringle

6.02 169.18

Sewer M.H.

1103

1123

9.7 159.5 160.46

+50

7.4 161.8 162.96

2100

6.4 162.8 163.96

+50

6.8 162.4 163.56

+72

6.4 162.8 163.96

+82

6.2 163.0 164.16

3100

5.8 163.4 164.56

+50

5.9 163.3 164.46

W. edge con. pave of Pringle St.

+60

5.4 163.8 164.96

W. gutter, curb face, Pringle St.

+75

4.6 164.6 165.76

of Pringle St.

+90

4.8 164.4 165.56

E. gutter, curb face, Pringle

4100

4.8 164.4 165.56

E. edge of con. pave of Pringle St.

72

2.67 ~~166.51~~ 167.67

2.82 169.33

Profile Linwood - Cont.

~~149.39~~

4+50	1.3	168.0	169.16
5+00	1.2	168.1	169.26
122.80	2.4	166.9	168.06
5+50	4.0	165.3	166.46
+78	5.7	163.6	164.76
6+00	8.8	160.5	161.66
T.P.	12.95	156.38	

P.O.T.

0.92 ~~157.50~~

6+25	2.0	155.3	156.46
+50		151.4	152.56
T.P.	13.06	<del>147.24</del>	145.40

4.8	12.		26
20	7.3	59	5.3
	5	0	5
	2.7		0.0

1.61 ~~145.85~~

6+75		145.75	146.31
6+85		141.65	142.81
7+00	11.9	134.45	135.61
	12.39	<del>133.72</del>	134.62

2.7	0.7	0.0
4	0	5
7.0	6.7	4.2
10	1	0
		3.8
		5

N. prop. Keeling

2.73 ~~136.19~~



## Profile Lurwood Cont.

	7.36.79				
7+10		9.6	131.6	132.76	W. Gutter Keating (Under const)
+25		9.5	131.7	132.86	♀ Keating ( " " )
+40		5.3	130.9	132.06	F Gutter Keating ( " " )
		2.50	<del>133.69</del>	134.85	
	7.52		<del>138.76</del>		
		7.13	<del>131.75</del>		1.55 S.W. Cor. Keating & Kinnick St.
	7.35		<del>138.50</del>		
		6.22	<del>138.28</del>		
	8.81		<del>141.09</del>		
		3.58	<del>137.51</del>		S.W. Top F.H. -137.59

Alley BIK 102  
50' Myrtle E of 43<sup>rd</sup>

299	328.11	325.12
0+80	3.3	324.8 320.4
1+00	2.8	325.3 320.1
1+22 WME	3.6	324.5 323.8
1+50	3.8	324.3 319.2
1+78 WME	5.4	322.7 322.6
2+00	6.3	321.8 317.1
1+10 WME	6.9	321.2 320.8
0.73	319.19	9.65 318.46
1+50	0.6	318.6 312.7
3+00	6.3	312.9 308.2
1+04 WNW	7.8	311.4 312.0
1+04 WME	6.6	312.6 312.3
1+50	10.8	308.4 302.7
6.86	313.33	12.72 306.47
4+00	10.4	302.9 298.5
8.83	304.50	=

West  
Williams X  
Voronsakis +  
Kullhofer

64

11/8/54

0+50 Nail	See Page 29
C4 <sup>4</sup>	Begin work
C5 <sup>2</sup>	
C0 <sup>1</sup>	
C5 <sup>1</sup>	
C0 <sup>1</sup>	
C4 <sup>1</sup>	
C0 <sup>4</sup>	
C5 <sup>9</sup>	
C4 <sup>1</sup>	
F0 <sup>6</sup>	
C0 <sup>3</sup>	
C5 <sup>1</sup>	
C4 <sup>4</sup>	
304.51	East Kim Sewer MN

Alley BIK<sup>no</sup> 75 N of Dwight  
E of 43<sup>rd</sup>  
Stks for 6" AC Main

West  
Williams T  
Varonfakis  
Kerhofer &

65

38 45  
42  
49 34

11/5/54

4.41	352.57	348.16		0+50 see page #19	
0+80		4.4 348.2 343.8	C4	4	4.7 3.4
+81 ME		3.3 349.3 347.9	C1	4	
1+00		3.1 349.5 343.8	C5	7	
+02 MW		3.4 349.2 348.3	C0	9	
+16 ME		3.5 349.1 348.4	C0	7	
+25 MW		3.8 348.8 348.4	C0	4	
+46 ME		3.9 348.7 348.3	C0	4	
+50		4.0 348.6 344.0	C4	6	
+80 MW		4.7 347.9 347.6	C0	3	
2+00		4.6 348.0 343.8	C5	0	
2+04 MW		5.0 347.6 347.2	C0	4	
+08 ME		4.8 347.8 347.2	C0	6	
+50		5.6 347.0 342.0	C5	0	
+49 ME		5.6 347.0 346.5	C0	5	
+59 MW		6.0 346.6 346.3	C0	3	
3+00		6.6 346.0 346.0	C5	10	
+06 ME		6.5 346.1 345.5	C0	6	
+12 MW		6.8 345.8 345.4	C0	4	
+15 ME		6.7 345.9 345.3	C0	6	

Ally BIK #75 cont

66

352.57

11/8/54

3+40 7.0 345.6 345.0

Co <sup>6</sup>

+50 7.1 345.5 340.0

C5 <sup>5</sup>

5.0

3.7

+60 MW 7.5 345.1 344.6

Co <sup>5</sup>

1.1

1.1

2.6

+72 ME 7.8 344.8 344.5

Co <sup>3</sup>

A+00 8.4 344.2 339.0

C5 <sup>2</sup>

+05 ME 8.6 344.0 343.9

Co <sup>1</sup>

1.61 345.18 9.00 343.57

A+09 MW 1.2 344.0 343.8

Co <sup>2</sup>

+45 ME 2.5 342.7 342.6

Co <sup>1</sup>

+50 2.5 342.7 338.0

C4 <sup>1</sup>

+64 MW 2.7 342.5 341.9

Co <sup>4</sup>

+72 MW 2.6 342.6 341.5

C1 <sup>1</sup>

+82 ME 3.6 341.6 341.5

Co <sup>1</sup>

5+00 4.1 341.1 337.0

C4 <sup>1</sup>

+27 ME 4.9 340.3 340.3

Co <sup>0</sup>

+27 MW 4.5 340.7 340.4

Co <sup>3</sup>

+50 5.6 339.6 336.0

C3 <sup>6</sup>

+56 ME 5.4 339.8 340.2

Fo <sup>4</sup>

+71 MW 4.7 340.5 340.1

Co <sup>4</sup>

ALLEY BLK. # 75 CONT.

51 4.9 5.3<sup>16</sup><sub>15</sub>

67

245.18

5486 ME	5.0	340.2	340.1
6400	4.9	340.3	335.8
403 MW	4.9	340.3	340.0
408 MW	4.7	340.5	340.0
6450	5.1	340.1	335.7
451 MW	4.8	340.4	339.9
7400	5.5	339.7	335.5
429	5.5	339.7	335.4
	5.55	339.63	=

C0	<sup>1</sup>		
C4	<sup>5</sup>	31	49
		7.8	32
		3	1.0
C0	<sup>3</sup>		3.1
C0	<sup>5</sup>		
C4	<sup>4</sup>		
C0	<sup>5</sup>		
C4	<sup>2</sup>		
C4	<sup>3</sup>		
			339.63

End of work

WALNUT ST.  
 KETTNER ST. TO CALIFORNIA ST  
 STRIS & Gnds For 6" A.C. MAIN

⑤ ST. SIDE

BM.	2.56	43.60	41.04	
0+27			2.4 41.2	36.2
0+32	G.V. BY CITY		2.4 41.2	36.0
0+37	START WORK		2.4 41.2	35.8
0+50			2.5 41.1	35.3
1+00			5.8 37.8	33.3
1+50			8.8 34.8	29.8
2+00			11.6 32.0	26.4
TP	3.14	34.00	12.74 30.86	
2+50			4.7 29.3	23.1
2+78	22 1/2 BEND		5.9 28.1	21.3
2+91	18" x 6" TAPPING SLEEVE & TAP G.V. BY CITY		6.5 27.5	20.3
TP	10.63	43.91	0.72 33.28	
CK. BM			2.87 41.04 = 41.04	

WATER METERS

34.00

2+50 N.			3.7 30.3	27.2
2+78 N.	3 METERS		5.3 28.7	26.0

4/7/55

SHOREY  
 MARTEL  
 KELLHOFER

68

S. E. B. P. KETTNER & WALNUT (Pg. 53)

c50+

c52+

c54

c58

c45

c53

c56+

c42

c68

c72+

INTERSECTION 18' C.I.

c32

c27

COLUMBIA ST  
THORN TO UPAS  
Construction STR. & GRDS.  
FOR G.A.C. MAIN

April 7 1955  
BEATTY  
SHREY  
KELNOPER

69

TOM	6.18	159.16 <del>158.66</del>	152.98 <del>152.48</del>		3E 1ST	FD 897 M 12
2+50	Begin Work		152.5 <del>152.0</del>	?		
1+00			153.5 <del>153.0</del>	147.0	<del>C68</del>	C65
1+50			152.5 <del>152.0</del>	144.4	<del>C76</del>	C81
D 2+00	0.48	147.62 <del>147.12</del>	147.14 <del>146.64</del>	140.4	<del>C62</del>	C67
2+50			141.9 <del>141.4</del>	135.2	<del>C62</del>	C67
3+00			137.6 <del>137.1</del>	126.4	<del>C77</del>	C112
D 3+50	2.13	137.35 <del>136.85</del>	135.23 <del>134.73</del>	117.6	<del>C71</del>	C176
D	1.00	125.63 <del>125.13</del>	124.63 <del>124.13</del>			
CK TOM			118.77 <del>118.27</del>	118.76	Top FH. NEBY COR UPAS & Co	
3+91	Existing 10'x6" Cross.		116.2 <del>115.7</del>	?		

WAT. MET. 5

2+13		127.62 <del>127.12</del>	123.8 <del>123.3</del>	129.8	C40
2+98			139.3 <del>138.8</del>	121.0	C83
3+27			126.0 <del>125.5</del>	125.0	C110

HORTON ST.  
 LAUREL TO 165' N. of LAUREL  
 Construction Grds & Stks.  
 For 6" A.C. MAIN

April 7, 1955  
 Beatty  
 Sporey  
 Kellhofer

70

Station	Description	Dist	146.07	143.0	Notes
BM		5.44	151.51		BD SE LAUREL & HORTON
0+49	8" GV (By City)	4.10	147.4		
0+80	6x6" TFE	3.8	147.7	143.0	C47
1+00		4.1	147.4	"	C44
1+50		5.1	146.4	"	C34
1+59	45° & 22 1/2° Bend	5.1	146.4	"	C34
2+00		4.6	146.9	143.0	C39
2+15	2" B.O.	5.1	146.4	142.3	C41
2+27 E	Exist in driveway	-			
2+45 W	2-Mets	4.6	146.9	145.3	C16
CK BM		5.44	146.07	= 146.07	



UNION ST.  
 LAUREL ST. TO 165 N.Y.  
 (3) STR'S & 6rds

TBM	3.20	128.11	124.21		
0-05	8" x 4" REDUCER	By City	6.85	121.26	?
0+45	8" G.V. By City		6.48	121.63	115.3 C <sub>6</sub> <sup>3</sup> ±
0+49	CONNECT By City		6.57	121.54	115.1 C <sub>6</sub> <sup>4</sup> ±
0+50			6.60	121.51	115.1 C <sub>6</sub> <sup>4</sup> ±
0+55	8" x 6" REDUCER By City		6.81	121.30	115.1 C <sub>6</sub> <sup>2</sup> ±
1+00			6.3	121.8	115.0 C <sub>6</sub> <sup>8</sup>
1+50			8.8	119.3	110.1 C <sub>9</sub> <sup>2</sup>
1+50	TP	3.53	120.33	11.31	116.80
1+65	B.O. Assy		3.0	117.3	109.0 C <sub>9</sub> <sup>3</sup>
TP	6.02	125.58	0.77	119.56	
CK. BM			1.36	124.22 = 124.21	

WATER METERS

0+80 W.	128.11	8.1	120.0	120.0	C <sub>0</sub> <sup>0</sup>	?
0+85 E.		5.7	122.4	122.1 121.7	C <sub>0</sub> <sup>3</sup> C <sub>7</sub> <sup>±</sup>	?
1+05 W.		7.9	118.2	116.2 116.3	C <sub>2</sub> <sup>0</sup> C <sub>7</sub> <sup>±</sup>	?
1+46 E.	120.33	3.6	124.5	117.8 117.8	C <sub>4</sub> <sup>7</sup> C <sub>12</sub> <sup>±</sup>	?
1+65 W.		11.5	108.8	110.8 107.5	F <sub>2</sub> <sup>0</sup> C <sub>1</sub> <sup>3</sup>	?

MARK NO cuts CK Profile  
 K.D.S. 4/5/55

4/855  
 SHOKEY  
 MAETEL  
 KELLHOFER

71

TBM ON F.H. SW. LAUREL & UNION (Pg. 56)

0+28 Tap SLEEVE 1/2 G.V. BY CITY

53.2

0+50

~~43.2~~

0+75

52.5

~~42.5~~

0+80 F.H. TEE

51.8

~~41.8~~

1+00

48.9

~~38.9~~

1+50

41.8

~~31.8~~

2+00

33.6

~~23.6~~

2+25

29.6

~~19.6~~

2+50 BEGIN C.I.

26.1

~~16.1~~2+62<sup>5</sup>

24.5

~~14.5~~

2+75 BEGIN CONC. ENCAS.

23.2

~~13.2~~

3+00

22.8

~~12.8~~3+12<sup>5</sup> END CONC. ENCAS.

22.6

~~12.6~~

3+50 END C.I.

21.8

~~11.8~~

4+00

17.7

~~7.7~~

4+50 BEGIN C.I.

12.7

~~2.7~~

5+00 END C.I.

11.6

~~1.6~~

5+25

11.1

~~1.1~~

5+35 G.V.

10.6

5+40 F.H. TEE

10.5

5+50 6" G.V. & 6" X 4" REDUCER  
By City.

?

## WAT. METERS

0+98 N.

54.3

1+62 N.

44.0

1+79 S.

41.5

1+87 N.

40.0

2+37 N.

33.7

2+58 N. } 3 WAT  
MET

30.6

3+42 N. } 2 WAT  
MET

27.6

4+47 N.

18.4

4+62 S.

16.4

4+70 N.

15.3

5+50 N.

14.0

5+50 S.

14.3

CALIFORNIA ST.  
IVY ST. to JUNIPER  
Construct. Stk. 5 & Grd. 5  
FOR 6" A.C. MAIN

April 12, 1955  
BEATTY  
WILLIAMS  
ALEXANDER

74

BM	1.74	30.76		29.02		BP Nw. Cor. Kettner & Juniper
CK ID	0.95	21.28	10.43	20.33	= 20.33	Top F.H. SE Calif & Juniper
0+50	Tapping GV		5.8	15.5		
1+00			5.4	15.9	11.8	C41
1+50			5.2	16.1	11.9	C42
2+00			5.3	16.0	12.0	C40
P2+50	5.73	21.68	5.33	15.95	12.1	C39
3+00			5.4	16.3	12.1	C42
3+50			5.2	16.5	12.1	C44
4+00			4.8	16.9	12.0	C49
4+27	2" B.O.		4.9	16.8	12.0	C48
CK B.M.			8.80	12.88	= 12.88	Top F.H. PAC Hwy & Ivey

WAT. METS

0+95 wly	(FD)	21.28	6.0	15.3	15.2	C01	2280 Calif
1+50 "			6.3	15.0	15.4	F04	
1+74 "	(FD)		5.8	15.5	15.5	C00	2250 "
2+19 "	(FD)		5.8	15.5	15.7	F02	2244 "
2+60 "		21.68	6.0	15.7	15.9	F02	
2+88 "			5.8	15.9	16.0	F01	
3+08 "			5.9	15.8	16.1	F03	
3+55 "			5.6	16.1	16.2	F01	

CALIFORNIA ST.  
 GRAPE TO ELM ST.  
 Construct. Grds. & Strs.  
 For 6" AC. MAIN

4/14/55

75.

BM.							
	215	15.03		12.88			Top FH SE Cor Pac Hwy & Hwy
	12.81	21.81	6.83	08.20			BOLT BASE of Traffic Signal Pac Hwy & GRAPE
	12.03	20.23					
0+50	6" TEE		1.7	18.5	14.7		38
1+00		9.72	28.81	1.12	19.09		C35
1+50			9.5	19.3	14.7		C40
2+00		9.26	27.50	10.57	18.24		C41
2+50			9.8	17.7	13.8		C39
3+00			10.6	16.9	13.4		C35
3+50			12.3	15.2	11.5		C37
4+00		1.92	17.19	12.23	15.27		C35
4+50	Grades see next page for main		4.1	13.1	09.6		C35
5+00			5.5	11.7	08.5		C33 C32
5+50			6.3	10.9	08.0		C32 C29
6+00	FH TEE		6.6	10.6	08.0		C35 C26
6+50	(10) FH		7.8	09.4	08.0		C35 C30
7+00	2" B.O.		5.2	12.0	08.0		C36 C40
1+10 wly to WAT MET	28.81		9.8	19.0	18.2		C08
1+22 wly "	"		9.7	19.1	18.0		C11
1+78 wly "	"		10.5	18.3	17.8		C05
2+30 wly "	27.50		10.1	17.4	17.5		F05
2+79 wly "	"		11.0	16.5	17.2		F07
3+66 wly to	17.19		3.4	13.8	17.0		F33
4+45 wly "	"		5.3	11.9	16.7		F48
4+90 wly "	"		5.2	12.0	16.5		F45

17.19  
 12.78  
 04.41  
 6.82  
 11.23  
 2.32  
 08.87  
 6.07  
 14.96  
 2.06  
 CK BM 12.90 = 12.88

(10) FH. F70 to Flange C13 to ELL.

vacant  
 1940 Calif.

California St.

West  
Williams X  
Varonfakis φ

76

5/3/55

11.17 19.37 08.20

1.56 23.20 0.73 19.64

4.17 17.21 10.16 13.04

4+50 5.6 11.6 8.5

5+00 6.2 11.0 8.0

+30 FH TCC 7.2 10.0 8.0

+50 6.9 10.3 8.0

+90 6.9 10.3 8.0

417 13.04 = 13.1

400 Rinney

C3 <sup>1</sup>  
C3 <sup>0</sup>  
C2 <sup>0</sup>  
C2 <sup>3</sup>  
C2 <sup>3</sup>

INDEX  
Cont'd

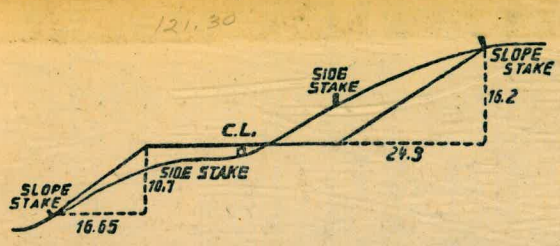
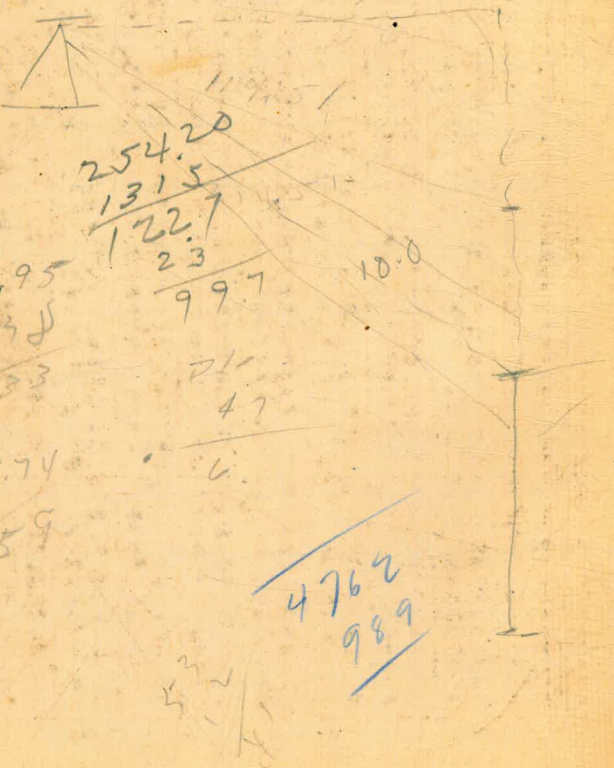
Calif. St. Ivy to Juniper 6" MAIN 74 ✓  
Calif. St. Grape to Elm 6" MAIN 75 <sup>alice</sup> ✓

423  
301  
42453  
4315

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

500.00 U.S.G.S.

375  
225  
65.0



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

THE NATIONAL BLANK BOOK COMPANY  
HOLYOKE MASSACHUSETTS  
NEW YORK CHICAGO BOSTON SAN FRANCISCO