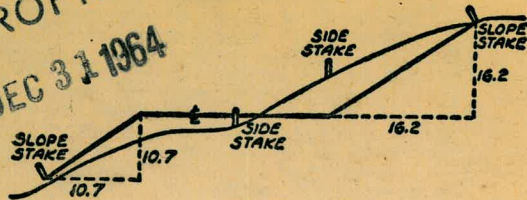


2050

DATE

MICROFILMED
DEC 31 1964



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.

10.11C

-1675

INDEXED

to page #36

except page #24, 33

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	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.78	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

1-6 Midway - Frontier Sts. intersection
 7-21 Survey (Drainage) to connect culverts
 in Blk. 62, E.W. Morse Subd.

22-29 Pacific Hwy & Balboa Sewer (21")

31-33 Montgomery Field - Stake
 sidewalks & sprinkler system

34-36 Sewer - PL 1788

37-42 X-Sec Alley Blk. 2 - Teralta

43-47 X-Sec Poinsettia Alcott to Curtis

48-56 X-Sec. Calle Tres Lomas (Full length)

57-62 X-Sec. Calle Pavana (Full length)

63-70 X-Sec. Calle Chante

71-74 X-Sec. Calle Cañada

D Smith
W Moore
J Clark
E Gregory

Sept 14, 1949

WO = 20559
Cross Sec Int Frontier +
Mid Way Dr. 1

INDEXED
W.K.
SEP 26 1949

Tangent Extended 100'

411248 Fd Spike P.P.C.

Tangent of Frontier St

39° 02' 39"

oved over

Fd Spike
PI Sta 340560 FB 1675-42
FB 1636-4

244782



018324 Fd Nail EC (Sta 449000 FB 1675-42)

0100 Fd Spike (Sta 516351 FB 1675-42)
(FB 1636-4)

Midway Dr

X Sex Frontier + Midway Int.

0+25 34' Lt E 6' sq culvert con.

0+18 34' Lt E 6' sq culvert con

0+11 34' Lt E 6' sq culvert con

0+00

0-1/2 RR^d Lt E Tel. pole #434621H

0-04 34' Lt⁺ Begin/Head wall For (3) three con culverts
38' RT 6' hols 4' high

0-25

0-34 RR^d Rt Lt E Power Poles

BM,

870

1170

300

B.R.E Headwall
Culvert 100' N
of West Point hemu Blvd.

Post
Line

Lt = East-North

Rt = West

-3.0	-2.80	3.01	4.9	4.86	4.23	4.51	3.96	4.81
147	1450	869	68	684	742	713	724	689
55	34	34	32	20	20		315	315
	FL	Top Hw.		Carb	94+		94+	Carb

~~-2.72~~
1448
34
FL

2.80
1450
34 FL

-1.9	-0.5	3.00	4.8	4.64	3.95	4.28	3.87	4.63
136	122	820	62	706	725	742	783	707
55	34	34	32	20	20		235	235
		Top Hw.		Carb	94+		94+	Carb

3.02

868

34
Top Hw.

4.4	4.37	3.73	4.13	3.60	4.16
73	733	792	757	720	724
40	20	20		20	20
	Carb	94+		94+	Carb

3.00

820

34
Top Hw.

1170

Cont

3

1725 20' ht End carb

1.9	0.7	5.1	4.7	5.64	5.16	5.74	5.76	6.48
98	110	66	72	686	652	592	594	522
85	65	54	34	20 carb	20 94	23 94	23 94	23 carb

72 cb.

1724 22' ht & top pole #448000 H

0.3	1.0	5.9	5.50	4.85	5.42	5.15	5.73	6.50
112	102	58	620	685	625	655	597	520
60	40	29	20 carb	20 94	25 94	49 94	73 94	23 carb

.77 cb.

1722 23' ht Begin Bus Stop Island

0.7	0.8	5.4	5.30	4.63	5.10	4.61	5.37
115	102	63	640	707	660	709	633
60	39	29	20 carb	20 94	20 94	42 94	42 carb

1700

0775

0767 22' ht & lamp post

-1.9	-1.8	0.1	5.3	5.06	4.37	4.86	4.29	5.04
136	135	116	64	664	733	684	741	666
65	46	37	28	20 carb	20 94	64 94	74 94	395 carb

0750

0740 34' ht End con Head Wall 5' thick

2.95
825
34
top HW.

1170

Cont

2+47.82 .PI 90° to Frontier

LT	6.12	6.76	6.67
	<u>558</u>	<u>499</u>	<u>503</u>
	56	30	15
	Edge		
	Pave		

2+47.82 P.I. 90° To Midway

6.19	6.29	6.72	6.64	6.75
<u>551</u>	<u>541</u>	<u>498</u>	<u>506</u>	<u>495</u>
66	64	40	20	
Edge	Edge			
Cold				
Lay				

2+25

6.10	6.70	6.79
<u>560</u>	<u>500</u>	<u>491</u>
50	25	
Pave.		
Edge		

2+00

0.1	0.3	5.6	5.3	6.01	6.48	6.63
110	112	62	64	569	522	507
100	93	51	57	35	19	
				Pave		
				Edge		

1+75

0.9	0.6	6.1	5.0	5.81	6.36
108	114	56	62	588	534
100	73	57	44	29	
				Pave	
				Edge	

1+69 At End island Bas Stop

1+50

1.0	0.6	6.5	5.0	5.41	6.07	6.07	6.60
107	111	52	62	622	563	563	520
100	80	68	42	24		25	25
				Pave		947	Carb
				Edge			154ml

1170

Base
Line

Pt.

Lt.	.12	.14	6.0	5.99	6.20	6.35	6.21
	$\frac{129}{120}$	$\frac{131}{95}$	$\frac{57}{68}$	$\frac{571}{51}$	$\frac{550}{29}$	$\frac{535}{15}$	$\frac{549}{549}$
			C.L. Edge		Pave Edge		

4+00

.08	.15	5.7	6.12	6.37	6.55	6.54
$\frac{125}{125}$	$\frac{132}{100}$	$\frac{60}{77}$	$\frac{558}{50}$	$\frac{523}{32}$	$\frac{515}{16}$	$\frac{536}{536}$
			C.L. Edge		Pave Edge	

3+75

.01	.04	6.1	6.15	6.47	6.71	6.52
$\frac{118}{110}$	$\frac{121}{85}$	$\frac{50}{70}$	$\frac{555}{48}$	$\frac{523}{38}$	$\frac{499}{19}$	$\frac{518}{518}$
			C.L. Edge		Pave Edge	

3+50

0.3	0.3	5.1	6.0	6.17	6.13	6.76	6.64
$\frac{114}{125}$	$\frac{122}{99}$	$\frac{60}{75}$	$\frac{57}{68}$	$\frac{553}{50}$	$\frac{547}{42}$	$\frac{494}{21}$	$\frac{526}{526}$
				C.L. Edge		Pave Edge	

3+25

0.8	0.2	4.1	6.0	6.24	6.40	6.76	6.85
$\frac{125}{125}$	$\frac{115}{98}$	$\frac{70}{85}$	$\frac{57}{70}$	$\frac{546}{50}$	$\frac{530}{47}$	$\frac{494}{25}$	$\frac{485}{485}$
				C.L. Edge		Pave Edge	

3+00 69' Lt & Power Poles # C3321

6.12	6.16	6.69	6.92
$\frac{558}{51}$	$\frac{494}{30}$	$\frac{501}{10}$	$\frac{478}{478}$
			Pave Edge

2+75

11.70

Cont

Lt = North East

511.4

RT

5+12

1.6	1.6	1.5	1.2	1.4	5.1	4.98	5.17	5.41
<u>99</u>	<u>41</u>	<u>42</u>	<u>105</u>	<u>103</u>	<u>66</u>	<u>672</u>	<u>653</u>	<u>629</u>
135	120	105	90	70	57	32	14.5	
						C.L. Edge	Pave Edge	

4+87

1.7	1.6	1.1	4.6	5.16	5.37	5.54
<u>108</u>	<u>41</u>	<u>48</u>	<u>71</u>	<u>654</u>	<u>633</u>	<u>616</u>
125	110	95	85	50	18	
				C.L. Edge	Pave Edge	

4+67 53° Lt. Water Gate Box 4.5 X 6 Concrete

5.97 Top
53°

4+62

0.9	2.5	3.3	1.4	7.3	5.19	5.68	5.77
<u>126</u>	<u>92</u>	<u>84</u>	<u>43</u>	<u>44</u>	<u>621</u>	<u>602</u>	<u>583</u>
160	140	115	85	70	45	20	
					C.L. Edge	Pave Edge	

4+37

0.5	2.1	6.9	5.16	5.96	6.03	5.97
<u>122</u>	<u>90</u>	<u>48</u>	<u>524</u>	<u>574</u>	<u>567</u>	<u>523</u>
130	100	75	50	24	12	
			C.L. Edge	Pave Edge		

1.2	1.4	6.4	5.97	6.12	6.21	6.14
<u>129</u>	<u>131</u>	<u>53</u>	<u>573</u>	<u>558</u>	<u>540</u>	<u>556</u>
120	95	75	50	26	13	
			C.L. Edge	Pave Edge		

4+12.68 P.R.C.

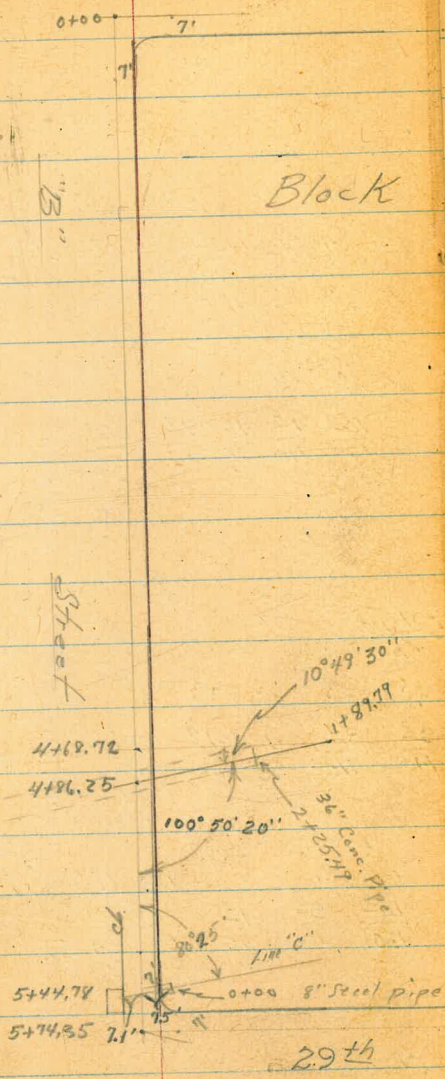
11.70

Drainage Survey to Connect
Culverts in B1K.62 E.W. Morse Sub.

11-16-49
Roberts
Garber
Moore
Clark
W.O. 20599

3 222 L # 484 L
T.P. 141 # 109

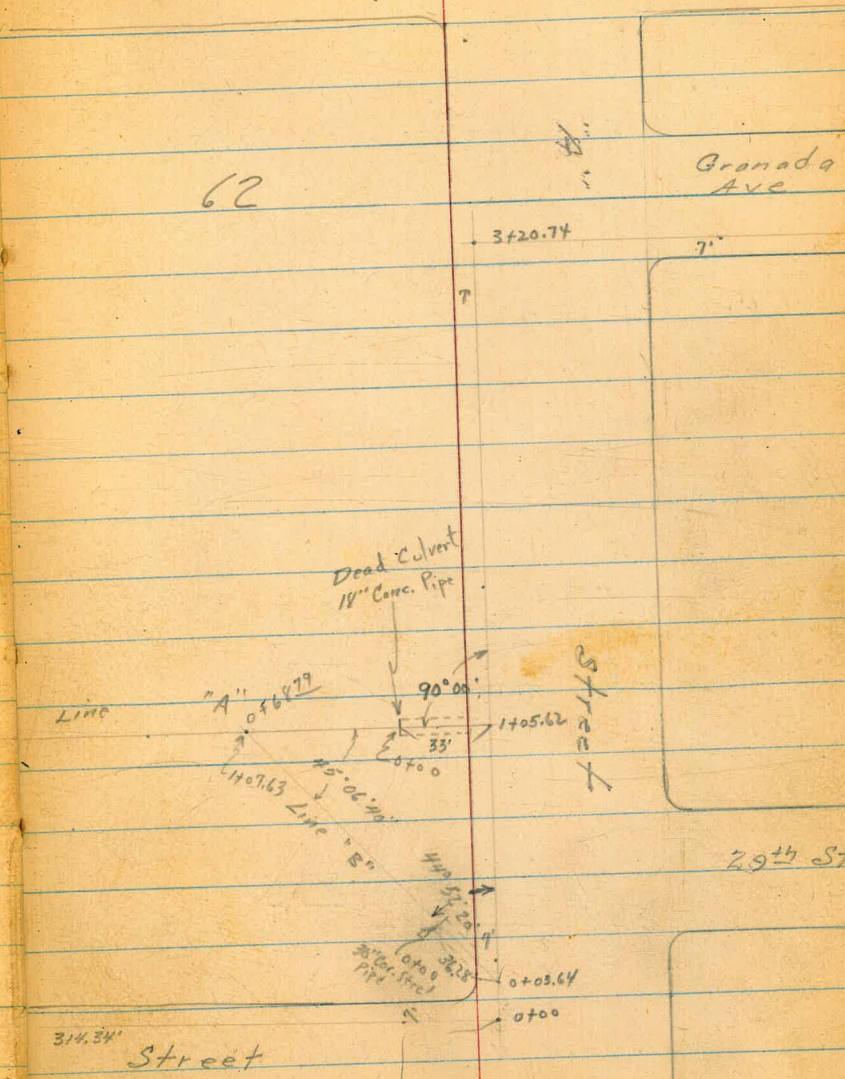
INDEXED
W.K.
NOV 21 1949



28th

Street

7



Granada
Ave

29th St

Street

Cont'd From Page 7

Line A

T.P. 5.46 176.84 12.23 171.38

1+50

8.0 175.6
*0 11.2 171.8
T. of Sl. 2.6
12.4 171.7
11.7 171.9
25 11.6
T. of Sl. 3.5 175.4
4.5

1+00

2.9 180.7
50 9.5 174.1
T. of Sl. 2.8
9.4 174.2
10.9 172.7
22 5.3
T. of Sl. 4.0 178.3

0+66 2.5' Rt 4' Palm Tree

0+50

7.5 176.1
35 8.7 174.9
9.4 174.2
10.4 173.2
1.8 7.9
T. of Sl. 2.5 175.7

0+00 Believed to be dead End of culvert on "A" St 18" [conc]

7.0 176.6
25 13.21 175.8
Invert 10.40 8.2
Dirt 7.8 175.4
T. of Sl. 1.8

T.P. 1.21 183.61 12.91 182.40

T.P. 0.60 195.31 12.60 194.71

B.M. 1.81 207.31 205.50

NWBP "A" ≠ Granada

26

£

Rt 8

183.61 ✓

Cont'd From Page 8

Lt

Rt

Rt

9

T.P. 806 $\frac{182.91}{\lambda}$ 139 174.85

2+50

176.7
0.1
25
0.0
176.8
+3.0
25
179.8

2+38 Top of Slope

170.5
1.3
40
4.5
25
177.3
6.2
170.6
6.7
25
170.1

2+25.49 Begin Culvert 36" [conc.]

174.4
2.4
40
6.5
25
7.4 ft
8.2
7
168.6
11.3 ft
invert
15.4 ft
8.6
7
169.2
7.6
25
169.2

2+14

173.8
3.0
40
7.2
25
7.4 ft
169.6
7.8
15
169.0
10.5
3
166.3
9.6
167.2
8.9
3
167.9
8.3
25
168.5
7.0
40
7.4 ft
169.8
3.7
50
173.1

1+89.79 Lt Lt.

174.4
2.4
40
7.0
25
7.4 ft
169.8
7.6
17
169.2
7.5
169.3
7.3
20
169.5
6.5
40
7.4 ft
170.3
3.9
50
172.9

$\frac{176.84}{\lambda}$

$\frac{176.84}{\lambda}$

Contd From Page 9

Line "B"

T.P. 12.23 194.63 0.51 182.40

1+07.63 Intersection with Line "A"

0+80

0+50

0+30

0+16

0+00 End Culvert 30' [Corr. Steel]

182.91

Lt

Rt

Rt

10

178.2	174.7	175.3	174.6	174.2	173.3
4.7	8.2	7.6	8.3	8.7	9.6
47	37	17	9		25
	T.of Sl.				

5.0	177.9	175.4	175.1	174.6
33	75	23	7.8	8.3
	T.of Sl.			15

178.6	175.6	177.2	176.6	176.2
43	73	5.7	6.3	6.7
24	18	8		15
	T.of Sl.			

1.3	181.6	178.0	177.1	177.2	177.2
27	4.9	5.8	5.7	4.6	5.7
	17	12	2		32
	T.of Sl.				T.of Sl.

4.4	178.5	178.0	177.1	178.3	178.7
14	4.9	4	5.8	4.6	4.2
	T.of Sl.				20
					T.of Sl.

187.4	183.1	177.38	180.0	187.4
4.5	4.2	5.53	2.7	4.5
22	11	Invert		16

182.91

Cont'd From Page 10

Line "C"

LT

S

RT

11

check 2.42 ^{205.46} ~~205.50~~ = 205.50 Starting BM

T.P. 10.48 207.92 ✓ 1.15 197.44

T.P. 1.89 198.59 ✓ 4.95 196.70 7.07 ← B.M.

0+30

0+10

0+00 End 8" steel pipe

0-14.6 Inlet Box

T.P. 9.08 201.65 2.06 192.57

197.63

Notes Reduced -
12-9-59

178.85	180.2	182.2	188.6
22.8	19.5	13.0	
15	21.4	6	15
191.0	190.8	189.2	190.2
10.7	10.8	11.4	11.6
15	#	12.5	4
		10.0	10.0
		6.2	18.4
		20	
196.6	196.2	192.95	195.75
5.1	5.4	8.70	5.9
15	5	Invert	5
196.51	195.66	196.01	195.39
5.14	5.99	5.84	6.26
5.0	5.0	2.5	2.5
cb	Gutt	cb	Gutt
		6.48	7.29
		Grate	Invert
		5.55	cb.
		195.17	194.36
		5.68	5.18
		13.5	18.5
		Gutt	cb
		195.97	196.47
		5.18	5.65
		2.1	2.1
		Gutt	cb
		196.00	196.42
		5.18	5.18
		2.1	2.1
		Gutt	cb
			R.C. Pnt.

201.65 ✓

~~60.0. 20619~~

20697

INDEXED
mk
JUL 6 1950

12

Note* see GB 272 P-70
for location as
constructed

~~174.85 EC~~
~~1768.85 FC~~
Opp- New Sta. 1768.39

Eg = 0.46

Midway Drive

~~A = 5° 56' 30"~~
~~R = 1000~~
~~T = 51.90~~ ✓
~~L = 103.70~~ ✓
~~D = 171.89~~

0+45.66 EC.

~~A = 5° 56' 30"~~

R = 379.76

T = 19.95 L = 38.86

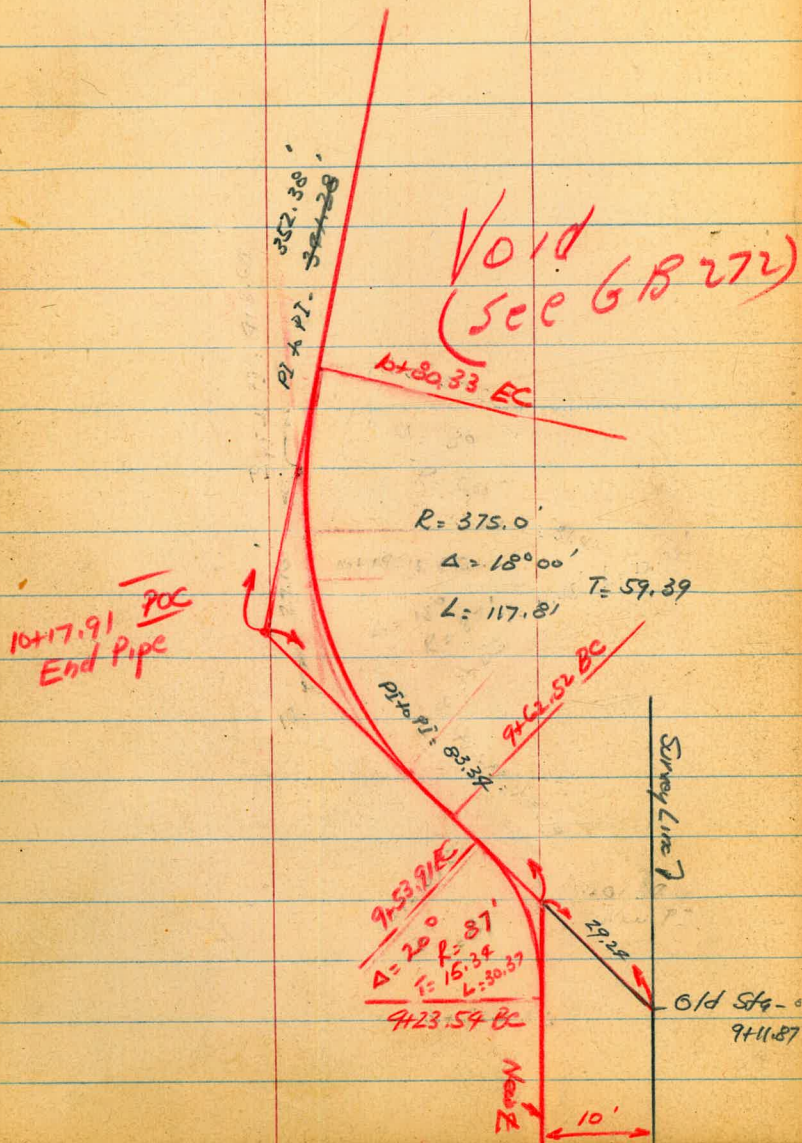
0+06.8 BC.

~~0+05.8 A = 5° 56' 30"~~

0+00 ✓



West Point
Loma Blvd



8+18.51 EC

$\Delta 4^\circ 06'$
 R 1000. ✓
 T 35.796
 L 71.56 ✓
 D, 1.7189

Changed

7+82.71 P.T. (POT)

(see GB 272)

7+46.95 B.C.L

Ollie St

6+88.58 P.O.T.

New E

New Sta. 6+88.12

Fd L+T

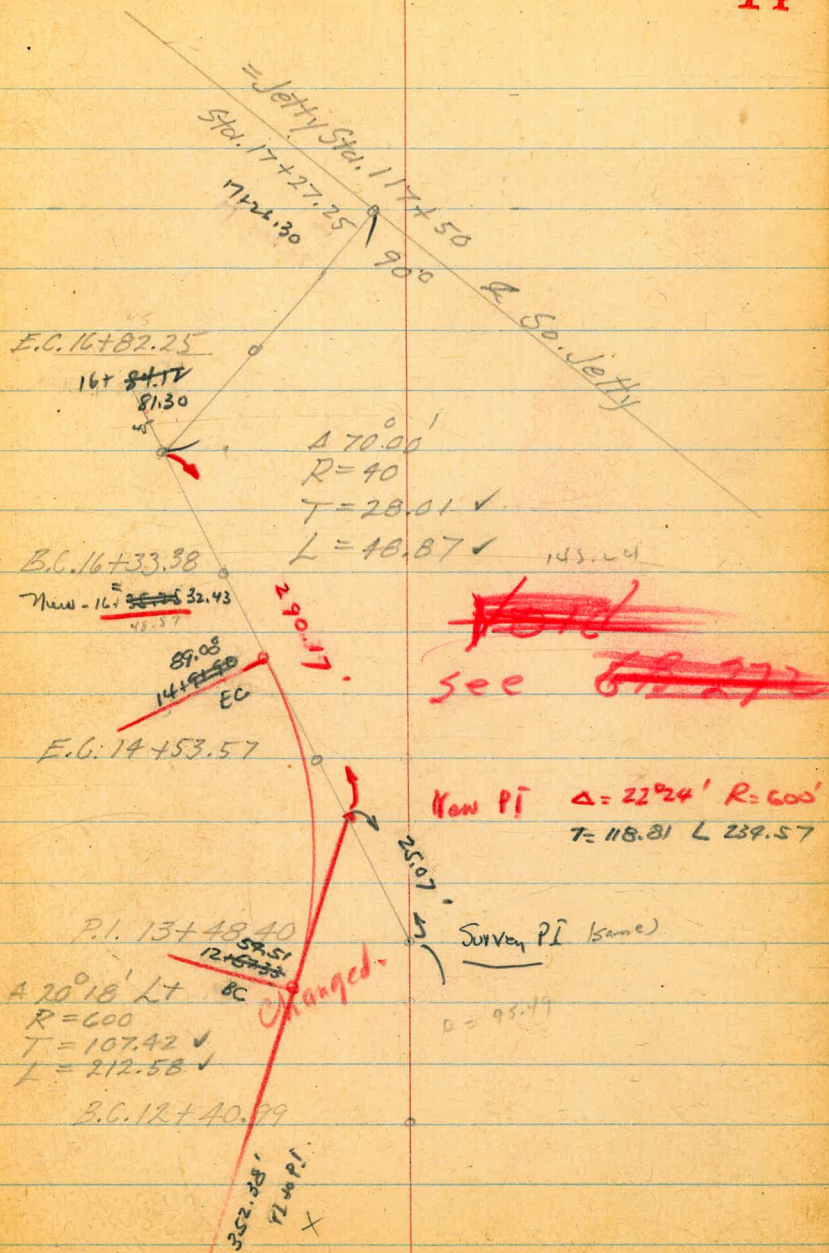
7m - 88.12

90°

Midway Dr

Old Sta - 9+11.87 Tangent Produced.

11' x 50' x 50'



Garber & 7/6/50
Chavez
Clark

0+00

6" Conc. Hd. Wall

2.86
6.23
8.0
T.H.W.
L.P.

5.17
14.26
17.1

2.89
6.20
T.H.Wall

2.92
6.16
6.15
T.H.W

3.04
6.05
3.5
Inv. 8" P.P

0-07

6.0
7.1

-25

6.6
3.3

5.09
4.00
7.9 RT
Cb

4.54
4.75
7.9
Gut

-50

6.0
3.1

5.40
3.69
7.8 RT
T.Cb.

4.64
4.45
7.8
Gut

-75

5.9
3.2

5.53
3.26
3.5
T.Cb.

5.16
3.93
3.5
Gut

-79.30

3.21 5.88
Cb.
3.85 5.24
Gut

0-107 M.H

6.09
3.00
Pure

2.97 6.12
10.0 RT
Rim
14.22
10.0 RT
Inv.

-5.35

B.M. 6.09 9.09
8.99
x

* 3.00 SW Hd. W of
Culv. Not
2.99 W Pt. Lament

* REFER PG. 2, (F.B. 2050) & B.M. Book.

+95

Begin Hedge 11.0 Lt.

+68.85 E.C.

3.1
5.4

+50

3.8
5.3

+70.0

3.9
5.2

+61

Power Pole # 4561 16.8 Rt.

3.9
5.24.39
4.70
19.0
Cb3.75
5.34
19.0
Gut

+57

Light Standard 13.0 Rt.

3.70
5.29

+50

+31.5

12.5
11.63.01
6.08
2.55
7.74 W
13.30
12.394.61
4.48
18.7
Cb.
18.7
Gut

Box Cdv. 3 Openings 6' x 4' See Sketch

+04.5

9.09
~~8.99~~
X3.36
5.73
25
Top Hd. W

Inv. Box Cdv.

+07 Light Standard # 4510 7.8 Rt

5+00

7.8
4.4

+82.5

Dead Main
3.0

Power P. # 4501
11.0

+50

4.30
4.2

3.97 $\frac{7.17}{7.07}$ 5.89 $\frac{3.20}{3.10}$
X

4+00

6.30
6.1

+57.6 Light Standard # 4508 7.5 Rt.

+50

5.3
5.8

3+00

5.3
5.7

+50

5.3
5.6

2+07 Light Standard # 4506 7.5 Rt

2+00

5.3
5.4

1+98

Power Pole # 4549 10.5 Rt

9.09
~~8.97~~
X

+13.7 Curb Stk
 7 4.60 $\frac{6.53}{6.43}$ 7.17 1.93
 $\frac{7.17}{6.43}$ 5.24 1.88

7403.5 Edge Rd.

+73.5 Edge Rd.

+64 Power P # P-4099 11.0 Rt.

+58 Light Standard # 4572 7.8 Rt

+50

6400

+64 Edge Pave

+50 Pave

+31 Edge Pave into Dr. in Movie

+25 End of Hedge 12.0 ht.

+09 Dead Man 11.0 Rt.
 $\frac{7.07}{7.17}$

2.02
 4.51
 3.0

No. Cb. Return

1.5
 5.7

1.92
 5.24 1.29
 3.0 5.88
 Top Cb. Return Gut

1.3
 5.9

1.91
 5.26 1.23
 3.0 5.94
 Top Cb. Return Gut

2.4
 7.8

2.5
 4.7

2.68
 1.49

2.88
 4.37

2.77
 1.40

+45	Cb. Stk.
9+00	
+54	Power Pole #4149 2.3 Lt
+50	
+44.5	Center of 8' Conc. Walk
+20.5	Center 2.5' Conc. Walk
8+18.51 E.G.	
8+10	Cb. Stk
+82.74 P.I	
+60	Cb. Stk.
+46.95 B.C.	
7+41.5	Center of 3 rd Conc. Walk 1.43 6.53

2.27
4.26
3.0

2.0
4.5

2.1
4.4

2.5
2.28

2.1
4.42

2.1
4.4

2.07
4.46
2.5

2.2
4.3

2.03
4.50
3.0

2.0
4.5

2.18
4.35

+50

10.9
4.6

13+00

10.8
4.5

B.C.

10.9
4.0

12+00

10.3
4.0

+50

10.5
4.2

		3.73		1.18
π	2.55	3.63	5.35	1.08
		<u> </u>		

+20

Anchor 4.0 Rt.

10.1
6.6

11+00

+93

Power Pole # 4213 4.0 Rt.

10.6
5.9

+50

10.7
5.8

10+00

+86

Foster & Kleiser Sign

+75.8

Power Pole # 4187 1.5 Rt Anchor 1.5 Lt

11.6
4.9

9+50

	6.53
	6.19
	<u> </u>

	+		8.29	-	3.03
BM	T.P.	5.62	8.19	5.26	2.93
Edge of Dr.	T.P.	5.63	6.84	4.17	+2.67
	T.P.	5.23	3.83	2.62	+1.11
	T.P.		6.85(?)	6.79	-1.40
	T.P.			5.89	2.12
	T.P.	7.94	8.01	5.22	+0.09 ⁶
	E.C.				

Ext.

		5.39		-1.50
	P	6.89	5.23	-1.60
	B.C.			

16+00

+50

15+00

E.C.

14+00

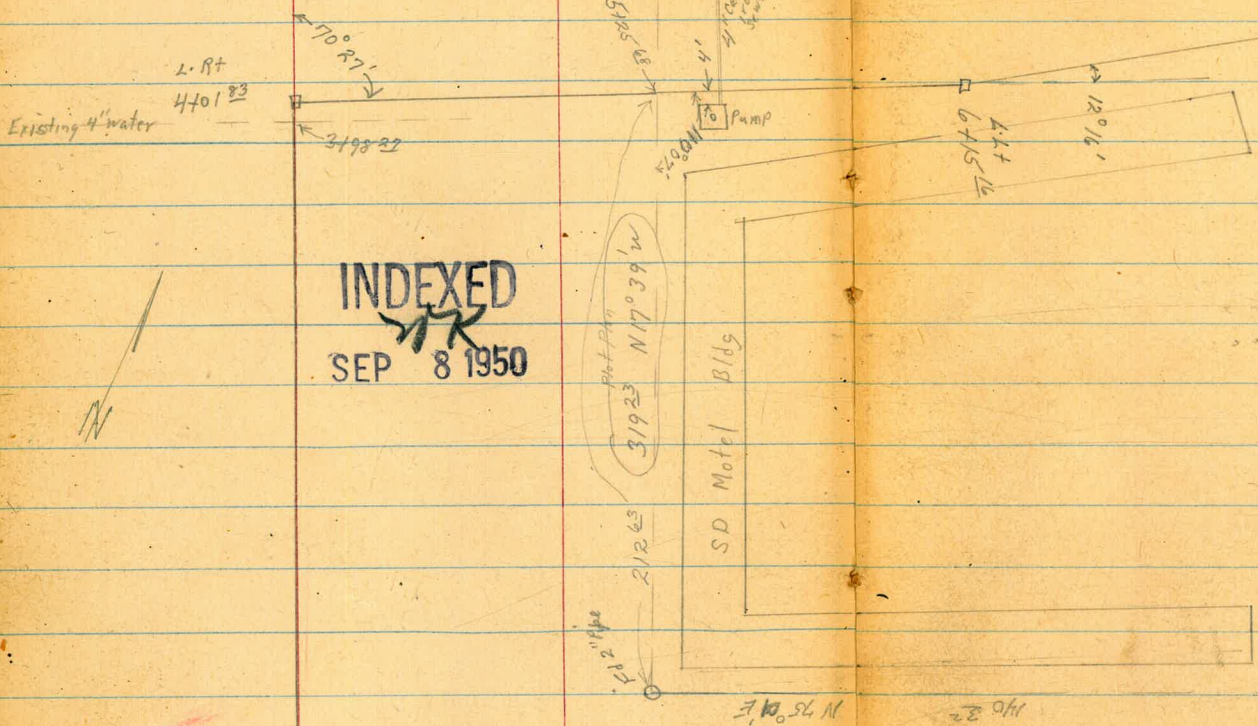
3.73
3.63
π

2.7
 -1.16
 5.3
 -1.16
 5.3
 12.1
 5.8
 -1.16
 5.3
 -1.19
 5.6
 -1.13
 5.0
 -1.17
 5.7
 -1.08
 4.5
 -1.10
 4.7

REDUCED 7-10-50, AEX.

D. Smith
Wm Gray
F. Bunch
E. Sherman

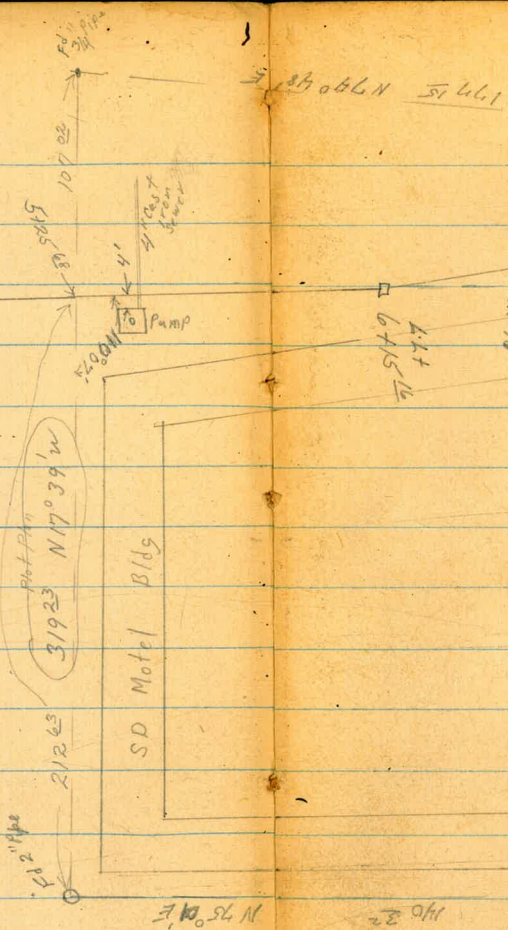
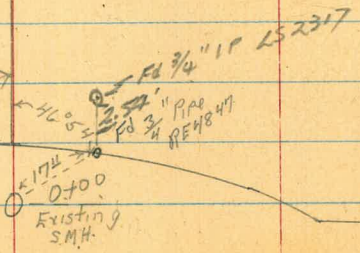
Proposed Sewer Balboa & Pacific Hwy.



INDEXED
SEP 8 1950

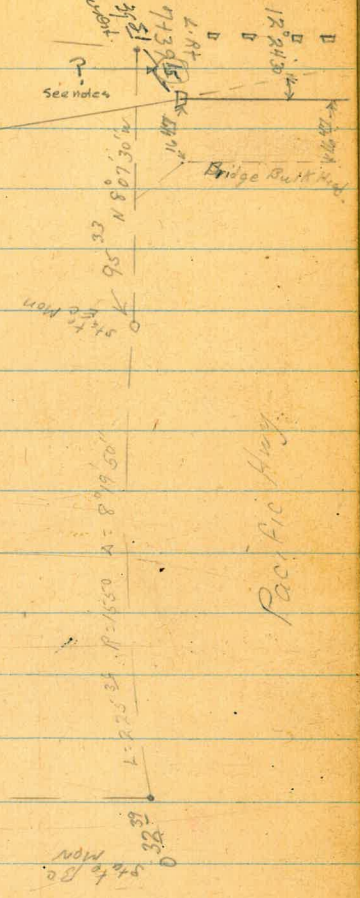
used
MH Near
Bridge

Balboa Ave



WO# 20711
9-3-50

22



Pacific Hwy

Lt = West & Rt = East

Lt = West & Rt = East

2750

5' 12.6
100
5' 12.6
100
12.8
49
100

15' North of L. for bottom bank
& extended

13' 4.5
5

2700

12.4
53 100
53 100
12.3
53 100
12.4
53 100

4701⁸³ L. Rt

7.6 10
6.87
Hub

1750

12.3
54 100
54 100
12.3
54 100
12.4
53 100

3498 & 4" Water Line

12.45
5.53
Top Pipe
Castiron

1700

12.3
54 100
13.0
47
12.8
49 100

3493

12.9
51 10
13.1
49
13.2
48 10

0750

12.4
53 100
12.5
52
13.1
46 100

3450

12.7
53 10
12.7
53
12.9
51 10

0700 Existing Sewer MH.

13.8
447 11.21
11m FL

3700

12.8
52 10
12.8
52
12.9
51 10

TP

379
1765
884

TP_R

545

1798

512

1253

BM

168
2270

2102

BM. SP. N.E. Co.
Balboa Pacific Hwy.
South End gas plant
Island Union Oil Co.

(State Datum)

Lt = North

Rt = South

5732³ E Int 4" Sewer cross pipe

5
12
10
9²

6⁰ 10.3 11.02 11.08 13.5 13.5
12³ 8⁰ 7³⁰ 7³⁵ 4⁸ 4⁸
11 4 10 11 15
con con

4' RT to Con around Pump

5730 6⁵ RT E Sewer Pump

5724 15' RT NW Cor Auto Ct.

4.3 9.3 13.4 13.8
14⁰ 9⁰ 4² 4⁵
10 8 12

5700

4795

10.6
7.2

4755

5.0 10.5 13.2 13.2
13³ 7⁸ 5² 5¹
11 7 10

4725

4.9 11.0 13.0 13.3
13² 7³ 5³ 5⁰
11 5 10

TP₃

721

18³²

689

11⁴

Lt = North

Rt = South

26

TP₅

4⁰⁸

15⁴⁹

6⁴⁸

11⁴¹

6770 14⁰ RT NE Cor Auto Ct.

6.1 10.4 11.2 12.7 13.2
11⁸ 7⁵ 6² 5³ 4²
13 3 6 10 14

6740

6.6 11.9 14.1 14.1
11³ 6⁰ 3⁸ 3⁸
7 7 10

6715¹⁶ L.H.T.

4.7 10.4 12.78 13.3
12³ 7⁵ 5¹¹ 4⁶
15 5 446 7⁰

6700

12.5
5.4

5765

6.4 12.3 11.6 12.6
11⁵ 7⁵ 6³ 5³
14 8 10

5740

6⁰ 11.9

TP₄

6⁷⁸

17⁸⁹

7²¹

11¹¹

Lt=North & Rt=South

8132

7.4 7.0 8.0
13.0 13.2 12.2
10 12

TP₄

931

20.44

436

11.13

8.6 16.99
6.2 1.50
bottom stringer.

8108⁵ E Easterly Stringer Bridge

7.4 11.10
8.1 +1.6
Stringer bottom

7185 under bridge

16.99
+1.50
rod taken on bottom of stringer

7145³ E westerly Stringer Bridge

10.5 9.04 7.0
5.0 6.45 8.5
14 Hub 12

7139⁵¹ L. Rt.

7.4 8.4 12.3
8.1 1.2 3.2
12 20

7100

15.49

Lt=North & Rt=South

27

11708⁰⁷ L. Lt

16.5 17.0 22.70
12.6 12.2 3.9
20 10 Hub 11
16.6 16.4 17.5 24.1
12.4 12.2 11.5 5.0
18 5 10

10780

10750

16.4 16.4 16.3 17.0 12.2
12.2 12.2 12.8 12.2 8.2
20 10 5 10

TP₇

12.0

29.02

3.35

17.02

10700

6.44 16.6 16.2
10 3.08 4.2
15 Top

9756

12.2 15.5 15.8 15.6
8.2 4.2 4.6 4.8
20 6 15

9700

14.2 15.1 15.2
6.2 5.3 5.2
15 15

8752⁰⁶ rot

14.0 15.36 15.0
6.4 5.08 5.4
10 Hub 15

20.44

Lt=North 9 At=South

Rim Water Valve MH Box

11.99
92

15750

Lt=North 8 At=South

17.5 17.8 13.7
52 92 92

TP 502 1969 ✓

1223 1467 ✓

15700

17.4 17.5 17.5 13.5
52 52 52 92
10 12 25

12769 28 (Y) taken as X-line North-South
at water easement

10.86 11.0 11.26 11.85
163 92 02 716
45 28 44 10
Hid

14750

17.1 17.3 16.5 12.6
52 52 62 102
10 12 24

12720

8.2 13.5 22.9 26.3
187 132 42 06
52 30
creek N. line
Hid

14700

16.6 17.3 16.9 12.0
62 54 58 102
10 8 20

12700

14.0 15.9 16.2 18.7 22.9
122 110 107 82 40
35 25 10 10
N. line

13770

16.9 15.9 9.6
58 68 132
10 20

TP 327

2689 ✓ 617 2292 ✓

TP 682 2268 ✓

383 1586 ✓

11770

17.2 16.9 17.8 23.3
11.9 12.3 11.3 58
22 14 10
N. line

13725

10.0 8.0 7.9
92 112 118
10 10

11750 South line

17.7 16.7 19.2 25.2
114 122 99 32
21 11 10
N. line

13700

9.3 10.0 15.1
104 92 46
10 10

2909

1969

LT 2 RT

TP₁₂ 12¹³ 54⁴³ 06⁷ 42³⁰
 39.3 42.2 42.7 43.0
 0750 32 03 03 00
 15 8 10

0700 going South East
 26.18
 16⁷⁹
 446

TP₁₁ 11²⁷ 42⁹⁷ 03⁹ 31²⁰
 TP₁₀ 11⁸² 31⁵⁰ 30⁰ 19⁶⁸
 17.8 17.76 17.6 13.3
 42 49 54 98
 10 446 8 20

16472 DE RT
 17.8 17.9 17.6 13.2
 47 48 54 98
 10 8 20

16450
 17.4 17.7 17.2 13.2
 52 52 55 95
 10 12 23

16400
 22⁶⁸

TP₁₅ 084 57⁰⁸ 10⁸⁸ 56²⁴
 65.8
 2714¹³ DE 130
 446

TP₁₄ 193 67¹² 04³ 65¹⁹
 2700 69.0 65.3 65.1 5.3
 734 03 05 03
 25 12 10

1750 65.6 64.8 61.2 60.8
 00 08 44 48
 20 12 10

1400 60.3 58.9 55.8 55.8
 53 62 98 98
 15 6 10

TP₁₃ 11³⁸ 65⁶² 06⁹ 54²⁴
 0775 52.6 49.8 50.5 51.0
 18 26 32 34
 15 7 10

54⁴³

Starting B.M.

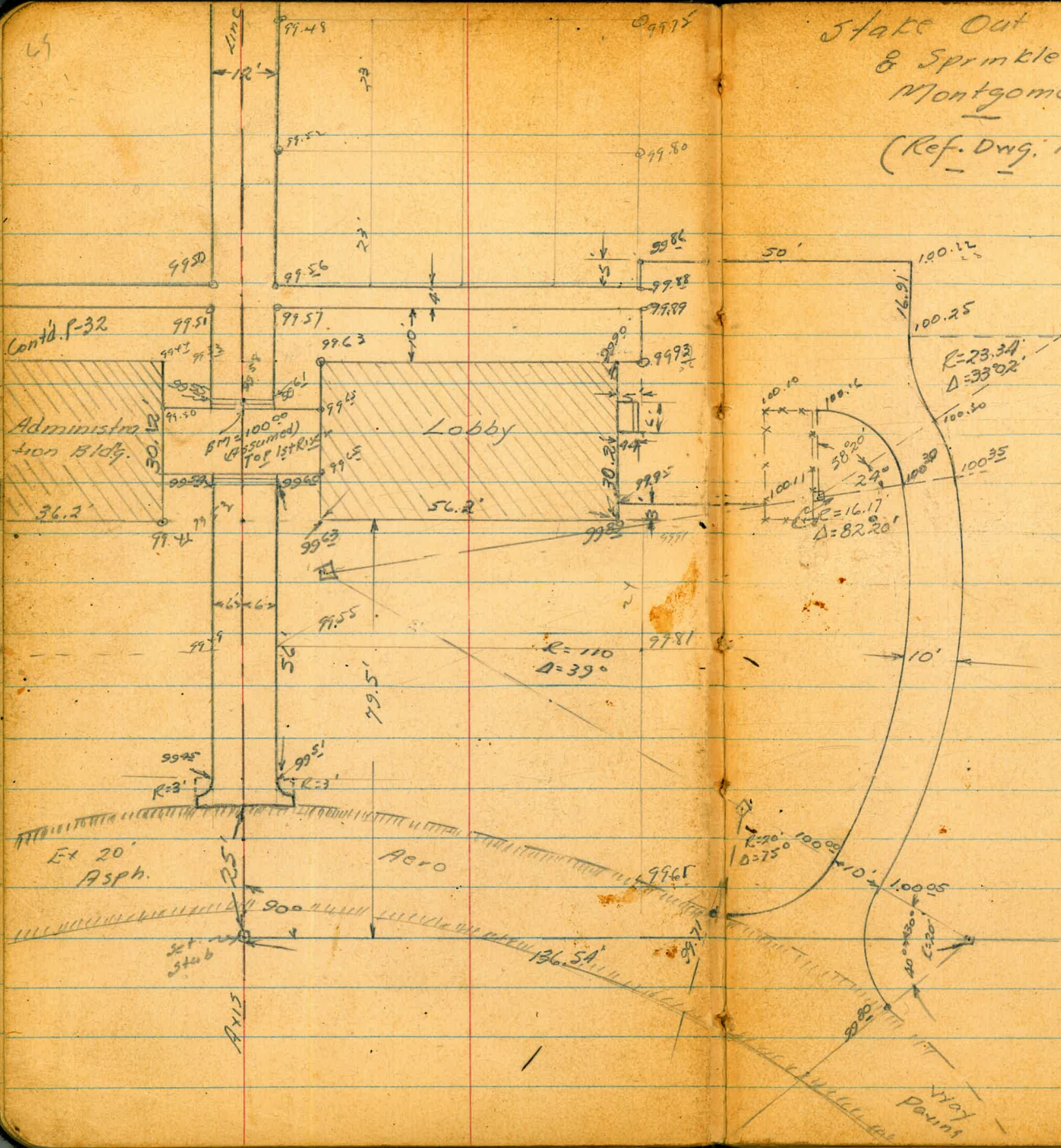
6⁰⁵21⁰³21⁰²4³⁵27⁰⁸12⁰⁷22²⁸TP₇1⁸⁷34⁸⁰12¹⁷32²³TP₁₄0¹⁰45¹⁰12⁰⁸45⁰⁰

State Out of Sidewalks 31
& Sprinkler System
Montgomery Field

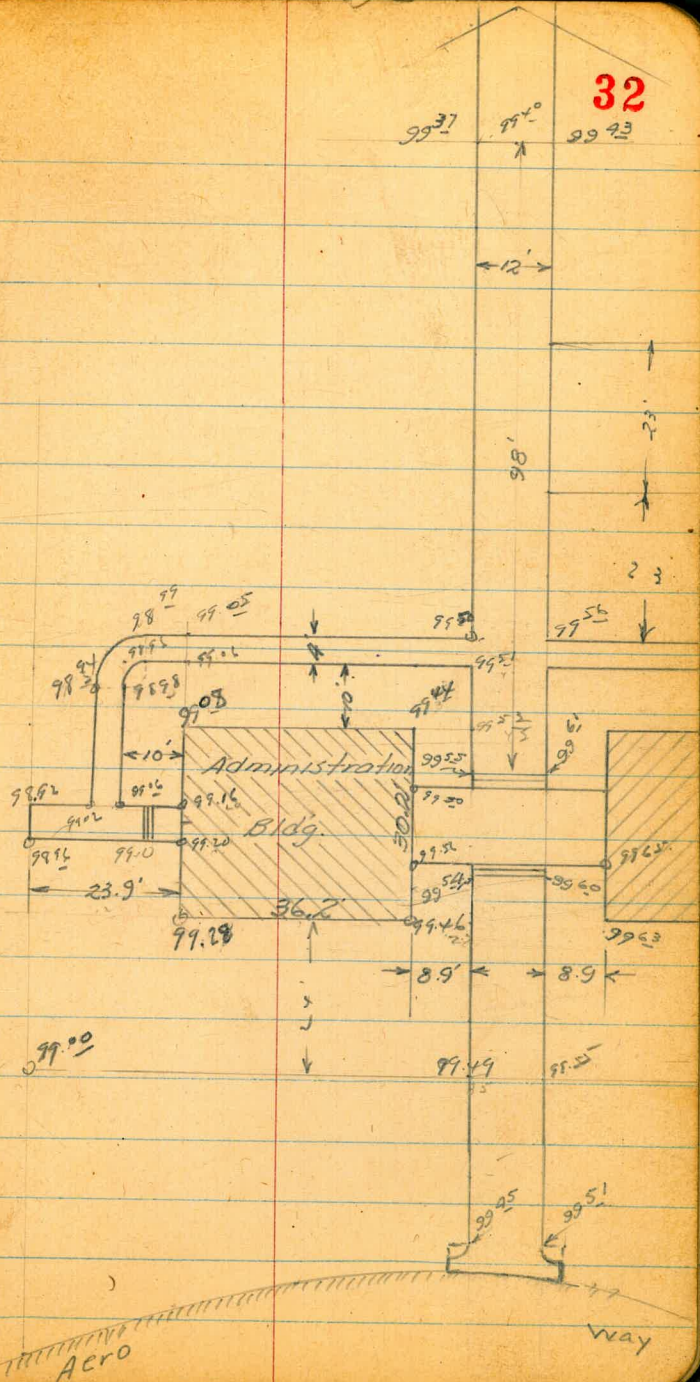
(Ref. Dwg. 1560-D)

10-27-50
Hendricks
Shepard
Crawford
No. 26106

INDEXED
NOV 27 1950



32



Proposed Sewer

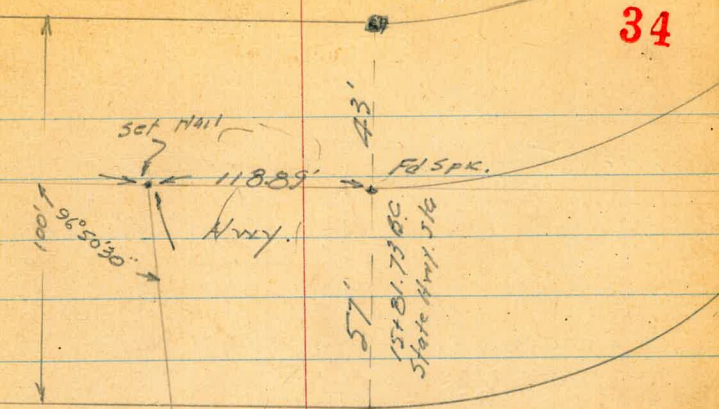
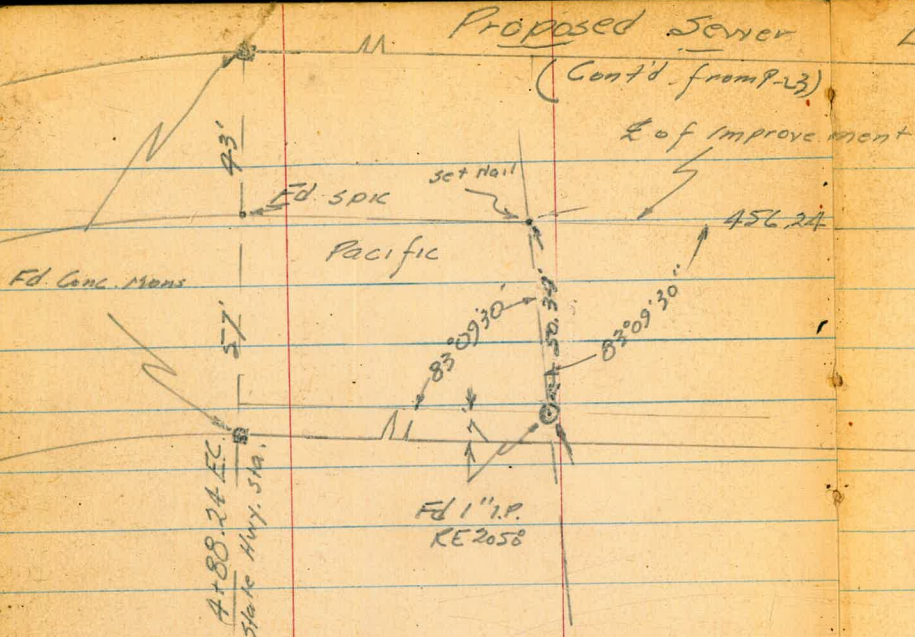
P.L. 1788

Fd. Mon

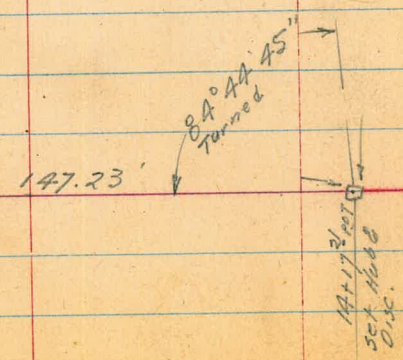
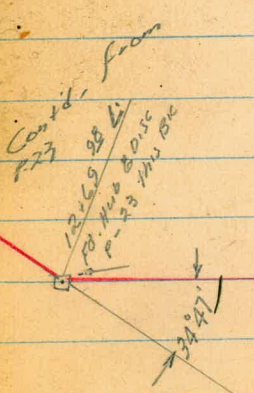
34

(Cont'd. from P-23)

Line of Improvement



INDEXED
 DEC 8 1950



12-7-50
 WVO = 20711
 Hendricks
 Pope
 Shepard
 Crawford

Levels Proposed Sewer
 in PL. 1788
 Contd. from p. 29

15.9

18+25

4⁸ 4⁷ 4¹ 4⁹ 6⁴ 6⁹ 6⁴ 6¹
 111 75 42 27 16 30 50

Rim
Wash

15.8

18+00

5⁰ 4⁰ 5⁵ 5⁶ 7⁰ 7² 6²
 121 75 70 20 20 50

Rim Wash

17.6

17+53

5⁴ 4⁹ 5⁹ 6⁵ 4⁹ 5² 5⁷ 7⁶
 135 112 50 35 20 7 25

Edge
Wash

17.5

17+30

5⁷ 5² 5³ 5⁰ 6³ 9²
 136 50 4 17 50

Rim Wash

18.1

17+00

6⁴ 5³ 4⁷ 5² 11¹
 139 50 15 23

Rim Wash

22.82

T.P. 5.28 22.82 4.07 17.54

on Hub Sta. 16+72⁰⁰

B.M. 9.62 21.61

11.99

Rim of M.H. Water Valve Box (P. 28 This Book)
 (P. 23 for Location)

B.M. 5.97 22.22, 22.18
 T.P. 4.11 28.19 0.18 24.08
 T.P. 6.50 24.26 5.06 17.76

20+00

17.76
 $\begin{matrix} 7^{\frac{1}{2}} & 6^{\frac{1}{2}} & 5^{\frac{06}{100}} & 5^{\frac{3}{25}} & 3^{\frac{6}{50}} \\ 50 & 25 & \text{Hub} & 25 & 50 \end{matrix}$

19+40

17.0
 $\begin{matrix} 7^{\frac{1}{2}} & 6^{\frac{3}{25}} & 5^{\frac{8}{100}} & 5^{\frac{8}{30}} & 5^{\frac{4}{20}} & 5^{\frac{2}{50}} \\ 100 & 50 & 25 & & & \end{matrix}$

18+80

17.0
 $\begin{matrix} 5^{\frac{8}{95}} & 4^{\frac{6}{68}} & 5^{\frac{5}{40}} & 6^{\frac{6}{26}} & 5^{\frac{8}{25}} & 5^{\frac{3}{25}} & 5^{\frac{3}{50}} \\ & & & & & & \end{matrix}$

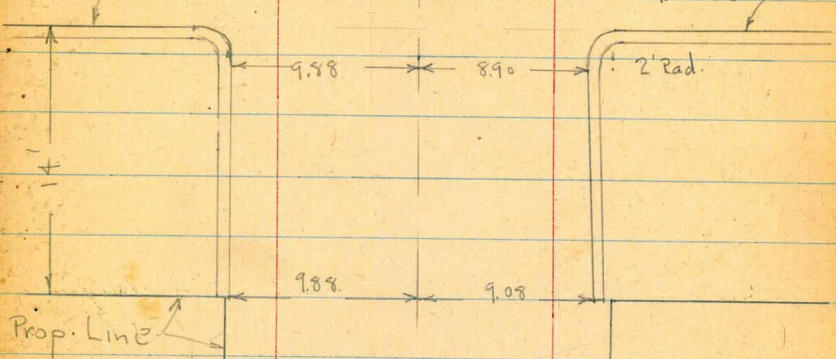
$\frac{22.82}{1}$

$\frac{22.82}{1}$

(State Datum)
 R.R. Spr. in Power Pole #60811 (LA Hwy Sta)
 15+80

on Hub Sta. 20+00

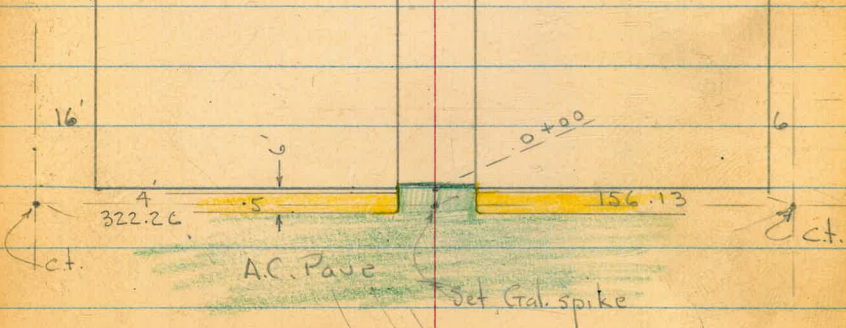
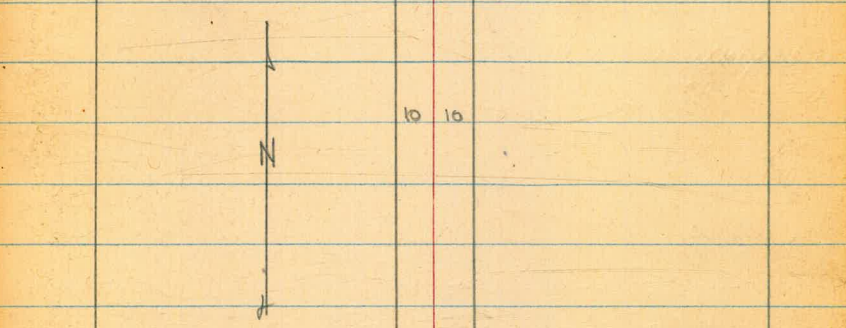
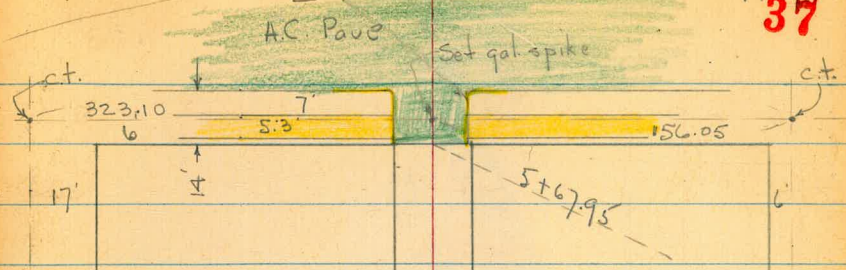
S. Curb. of Orange



E. Alley

Note: Return is off. See Detail opp.

37



Reduced
3-5-51
RYAN

LT. # RT. 38

X-Sect Alley in Block 2 - Teralta - Map 1237

Sample taken at 4+00

for Paving

INDEXED
APR 27 1951

5421 2-21-51 -70
W.O. 31883

0+06

350.8	349.0	349.1	349.5	351.2	351.7
9.8	11.6	11.5	11.1	9.4	8.9
15	10		4	10	15

T.P. 11.24 360.59 2.03 349.35

360.59

0+01.2 = end of A.C. pave + Curbs

348.54	348.51	348.63	348.96	349.25
2.84	2.87	2.75	2.42	2.13
0.3' ahead	Top = gut.		10.2 gut.	Top

0+00 = N.L. Polk

348.56	348.46	348.59	348.87	349.23
2.82	2.92	2.80	2.51	2.15
Top	9.9 gut.		10.2 gut.	Top

0-06 = N.cb. of Polk

347.21	346.66	348.39	347.87	348.19	348.53	349.19	350.41	351.03
4.17	4.72	2.99	3.51	3.19	2.85	2.19	0.97	0.35
Top	55 gut.	Top 2' Rad.	10 gut.		10 gut.	Top 2' Rad.	70 gut.	Top

4.11 351.38 9.01 347.27

351.38

B.M. 3.24 356.28 353.04 - S.E. B.P. Polk & 32nd

1+36.5 = 11.5' Lt. = \pm w.m.

1+35.5 - 6' Rt. = \pm w.M.

1+27 - 13.2' Lt. = Conc. apron to Sing. Gar. -

1+20

1+06 - 12.1' Rt. = \pm Sing. Gar. Dirt floor

1+02 - 12.5' Lt. = \pm P. pole # J.P.A. 4121

0+90 - 13.5' Lt. = \pm Sing. Gar. Dirt floor

0+80

0+78 - 6.6' Rt. = \pm 2 w.M.

0+63 - 7.1' Rt. = \pm 9' Conc. apron to Sing. Gar.

0+58 - 9.5' Rt. = end fence

0+56 - 15.8' Lt. = Cor. frame House

0+45 - 5.4' Rt. = \pm w.M.

0+43 - 9.6' Rt. = Cor. House + Beg. picket fence

0+40

0+15 - 9.8' Rt. = Cor. House - Conc. found.

Lt.

\pm

Rt.

39

355.01 354.88

5.58 5.71

16 floor 13.2 = apron

354.3 354.7 354.7 355.2 = 355.4

6.3 5.9 5.9 5.4 5.2

15 10 10 15 355.0

5.6

12.1 = floor

353.5

7.1

13.5

floor

352.7 353.1 353.2 353.3 354.0 354.0

7.9 7.5 7.4 7.3 6.6 6.6

16.3 10 3 10 15

along House

353.4 353.9

7.17 6.72

7.1 13.1

apron floor Gar.

352.4

352.1

8.18

8.5

floor House

15.8 = ground

353.2

7.4

351.6 351.5 351.7 352.0 353.1

9.0 9.1 8.9 8.6 7.5 9.6 = ground.

16.1 10 3 9.6

along House

along House

351.8 354.86

8.8 8.73

360.59

9.8 ground.

floor House

T.P. 7.56 367.30 0.85 359.74 = Nail

3+00

2+50 - 10.1 Rt = fence

2+28 - 12.1 Lt = P. pole # JPA 4145

2+24.5 - 8.3 Rt = W.M.

2+23 - 9.9 Rt = Beg. Board fence

2+20 - 10 Rt = end apron

2+04 - 9.9 Rt = Beg. Conc. apron to Doub. Gar.

2+04 - 12.3 Rt = W.M.

2+00 - 13.8 Lt = Near Wing. of frame House

1+75.5 = 9 Rt = 9' Conc. apron to Sing. Gar.

1+60

1+59.5 - 6 Rt = W.M.

1+43 - 15 Lt = Conc. apron to Sing. Gar.

Lt. ± Rt.

40

in pole = Lt. - 3+25

358.8	358.7	358.8	359.1
1.8	1.9	1.8	1.5
17.6	10		10

along House

357.7	357.9	357.9	358.4	358.1
2.9	2.7	2.7	2.2	2.5
15	10		10	15

357.21		
3.38		
357.07	10	357.55
3.52	apron	3.04
9.9		11.3
apron		floor

357.44	356.89	356.8	356.7
3.15	3.7	3.8	2.9
floor	13.8	10	

along House

356.55	357.01
4.04	3.58
9	21.6
apron	floor
	Gar

354.5	355.6	355.7	356.2	356.4
6.1	5.0	4.9	4.4	4.2
40	10		10	15

355.13	355.0
5.46	5.59
16	15

360.59

5+02.5-10' Lt = ± W.M.

5+00

4+77.5 10.2 Lt = ± 18" Palm

4+72-9.7' Lt = ± P.pole - # PA 4185

4+50

4+34- 11.3' Rt. = ± W.M.

4+00

3+94- 13' Rt. = end Gar.

3+86- 19.2 Lt. = ± of Doub Gar - Conc. floor

3+75- 9.5' Rt. = ± W.M.

3+61- 12' Lt. = ± Conc apron to Doub. Gar.

3+58- 13' Rt. = Beg. 4 Car Gar. - Dirt floor.

3+50

3+44.5- 12' Rt. = ± Conc apron to Sing. Gar.

3+30- 10.3' Rt. = ± W.M.

3+25- 11.3' Lt. = ± P.pole # D-290 68 T

3+18- 12.7' Lt. = ± of 15' Conc. slab. along House

Lt. ± Rt. 41

361.4	361.5	361.7	361.8	362.3
5.9	5.8	5.6	5.5	5.0
15	10	10	15	

360.6	360.6	360.6	360.9	360.7
6.7	6.7	6.7	6.4	6.6
15	10		10	15

359.9	359.8	359.8	360.3	360.2
7.5	7.5	7.5	7.0	7.1
15	10	15	10	15

359.64				359.9
7.66				7.4
19.2				13
floor				floor

359.74	359.65				359.7
7.56	7.65				7.6
18.5	12				13
floor	apron				floor

359.4	359.5	359.2	359.5	359.6	
7.9	7.8	8.1	7.8	7.7	
15	10		10	15	

359.64	360.08
7.66	7.22
12	14.6
apron	floor

359.22	359.22	
8.08	8.08	
17.6	12.7	
along House	Conc.	367.30

X-Sect. Poinsettia Drive from Alcott

To Curtis for Grade est. only.

5265 - See T.P. Sheet for sketch.

W.O. 25020 5-17-51 7.0.

Note: Inlet at Ely Cor. Alcott + Poinsettia is only a Dirt bottom Sump - No pipe found. Should be removed.

0+93.65

0+46.82

0+30.29 = opp. P.C. on Lt.

Row of Pine Trees on Rt. along wall

8" Conc. wall + Wood fence along Prop. on Rt.

0+00 = Hub. on Φ opp. P.C. on Rt.

See Alcott X-Sect. - Book 2044

T.P. 5.57 156.23 9.34 150.66

B.M. 3.68 166.00 156.32 =

Lt. Φ Rt.

INDEXED

JUN 6 1951

150.4	149.7	148.7	149.0	149.3	150.9	152.43
5.8	6.5	7.5	7.2	6.9	5.3	3.80
35	25	13		14	25	25.4 = Top wall

151.5	151.1	150.0	150.3	150.6	151.9
4.7	5.1	6.2	5.9	5.6	4.3
35	25	14		15	25

151.5	150.1	150.7	150.9	152.6
4.7	6.1	5.5	5.3	3.6
25	15		13	25

151.0	151.1	151.4	151.5	153.3	154.45
5.2	5.1	4.8	4.7	2.9	1.78
25	15		12	25	25.3 = Top Conc. Wall

156.23

T.P. on Disk Sta. 10+77.23 on Alcott X-Sect. Book 2044

3+74. - 21' Lt. = \pm of 1.5' Conc. ^{12"} Head wall \pm of Inlet

of 10" Steel Culvert - poor Cond. - 5' Conc. wing walls - 5' Between ends.

3+27.78

2+80.96

J.P. 4.15 151.08 9.30 146.93

2+34.13

2+04. - 42.7 Rt. = \pm Gar- under Const.

1+87.30

Reg. Row of Trees on Lt.

1+40.48

	Lt.		Rt.	
42	142.35	146.88	145.05	145.42
end. of Pipe I.E.	8.73	4.20	6.03	5.76
	42	Top	21	18.7 = edge of Conc apron
		Head wall	I.E. of Pipe + apron	\pm end of wing walls.
	143.7	146.5	145.9	146.1
	7.4	4.6	5.2	5.0
	40	.25	15	12
				147.7
				4.7
				3.4
				12
				25

	146.4	146.8	146.2	146.5	146.6	147.9	149.23
	4.7	4.3	4.9	4.6	4.5	3.2	1.85
	40	25	15		12	25	25.4
	Top bank						Top wall

151.08

	145.8	147.2	147.0	146.5	146.7	146.8	148.1
	10.4	9.0	9.2	9.7	9.5	9.4	8.1
	35	30	25	15		12	25

152.46
37.7
42.7 = Prop. floor.

	148.1	147.2	146.9	147.3	147.6	148.3	149.84
	8.1	9.0	9.3	8.9	8.6	7.9	6.39
	35	25	15		12	25	25.4
							Top wall

	148.1	148.0	147.8	148.1	148.1	149.5
	8.1	8.2	8.4	8.1	8.1	6.7
	35	25	15	156.23	12	25

along curb.

5+38 = 1.8 x 2.8 Conc. Box Inlet + grate on Rt.

T.P. 467 149.78 597, 145.11

145.53	145.19	142.04	141.41
4.25	4.59	7.74	8.37
11.1	13.5	I.E.	I.E.
outside edge grate	Top of grate	12" of Pipe	Box
	at cb.		

149.78

+ 2.5 Conc. gutter.

5+36.44 = Beg. curb + 6' Comb. walk on Rt.

145.06	144.3	145.0	145.52	145.12	146.14	146.68
6.02	6.8	6.1	5.56	5.96	4.94	4.40
Top cb.	14.5		10.9	13.5	13.5	19.5
	got.		edge gut	got.	Top curb.	Cor. walk
			on grate	on grate		

4+91.44 = on 8.5' Conc. steps over wall on Rt.

145.41	145.34	144.7	145.3	145.6	146.8	147.32	148.22
5.67	5.74	6.4	5.8	5.5	4.3	3.76	2.86
19.6		14.6		12	23.1	23.1	25
edge walk	Top	got.			Top of Bottom step	Top of wall	Top of steps

4+56.44 = Beg. curb. and 5' Comb. walk on Lt.

145.54	145.50	144.8	145.4	145.8	146.6	148.36
5.54	5.58	6.3	5.7	5.3	4.5	2.72
19.5	14.5	17.5		13	25	25.2
Cor. walk	Top curb.	got.				Top wall

4+21.44 = P.C.C

143.2	145.4	145.1	145.6	146.1	147.1
7.9	5.7	6.0	5.5	5.0	4.0
35	25	12		13	25

3+74.61

142.6	146.4	146.88	145.31	145.6	145.9	146.2	147.6	148.83
8.3	4.7	4.20	5.77	5.5	5.2	4.9	3.5	2.25
40	25	21	18.7	12	151.08	13	25	25.3
Top bank		TOP edge apron						Top wall

149.78

Curtis + Poinsettia

Beg. Rods 10' apart around S.E. Return - 29 Rod.

Beg. at S. end = 5 + 36.44 = 13.5 ft.

End.

T- Top cb 3.65 146.13

g = gutter 4.59 145.19

E = edge - 2.8 out. 4.26 145.52

10' N.

T 3.32 146.46

g 4.20 145.58

E 3.91 145.87

20' N.

T 2.97 146.81

g 3.83 145.95

E 3.56 146.22

30' around

T 2.57 147.21

g 3.46 146.32

E 3.23 146.55

40' around.

T 2.04 147.74

g 2.95 146.83

E 2.70 147.08

B.M. 16' Disk on S.E. Cor.

0.35 149.43

5 + 61.44 = end.

Lt.

E

Rt.

46

144.71	144.1	144.9	145.5	146.47	146.34	147.26
5.07	5.7	4.9	4.3	3.31	3.44	2.52
Top	15.3		12	23.9	28.5	Top
	gut.			gut.	gut.	cb.
				gut.		

149.78

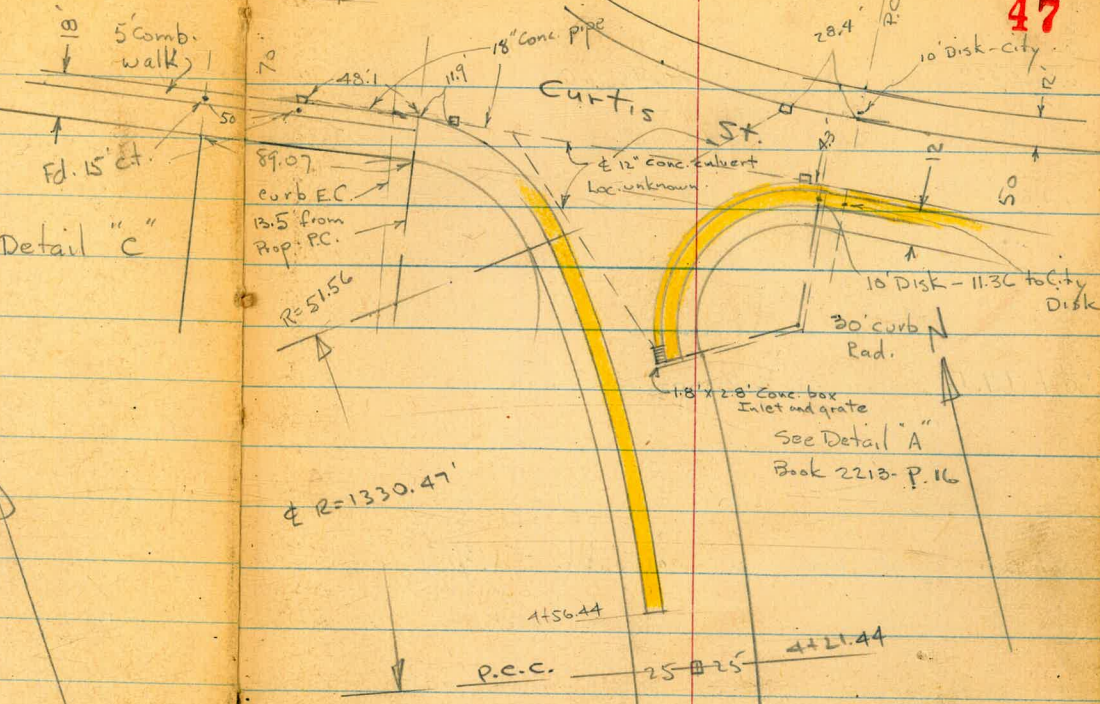
$\Delta = 11^{\circ} 09' 30''$
 $R = 2164'$
 $L = 421.44'$
 $T = 211.64'$

Poinsettia Drive



Detail "C"

Detail "B"



See Detail "A"
Book 2213-P. 16

$\Delta = 131^{\circ} 05'$
 $R = 15.70'$

$\Delta = 68^{\circ} 51' 30''$
 $R = 75'$

$\Delta = 0^{\circ} 48' 10''$
 $R = 2164'$
 $L = 30.29'$

Aleott St.

Poinsettia Dr.

For notes see pp. 43-46

Roberts
Cota
Pollen
6-11-51
N.O. 25020

X-Section Calle Tres Lomas
From So. Line Tres Lomas to Calle Trepadora
(Full Length)
Map # 2160

Lt

E

Rt

48

1700

Reduced
by R. M. Hall
6-13-51

275.7	272.6	270.9	268.4	267.9	264.1	261.8
10.2	2.3	4.0	6.5	7.0	10.8	13.1
50	30	18	8		30	50

INDEXED
JUN 21 1951

0+49.9

Ed 3/4" I. pipe EC, RL on west

270.8	269.1	266.2	264.3	264.5	261.0	259.0
4.1	6.8	8.7	10.2	10.4	13.9	15.9
50	30	15	11		30	50

0+00

So. line Tres Lomas Subd. Ed. 3/4" I. Pipe on East
Line Calle Tres Lomas
set Stub on 2

267.7	265.5	262.7	259.0	257.0	257.4
7.2	9.4	12.2	13.9	17.9	23.5
50	30		30	50	100

0-50

SAME

267.5	264.8	261.2	257.9	255.3
7.4	10.1	13.7	17.0	19.6
50	30		30	50

(P.L. EC. on Tres Lomas)

274.86 X

T.P. 6.75 274.86 X 9.82 268.11 3/4" I. pipe NW Cor. Calle Tres Lomas & Roanoke

T.P. 0.51 277.73 12.09 277.42

T.P. 1.02 289.51 2.81 288.49

Set T.B.M. 7.61 291.30 12.92 283.69 Chisel Square NW Cor Winchester & Roanoke 10' No. of End of West Curb

T.P. 1.18 296.61 0.05 295.43

T.P. 13.08 295.48 0.15 282.40

B.M. 12.73 282.55 269.82 Chisel Square NW Cor. Calle Serena & Winchester Sec GB 27 pg 42

4+00

T.P. 11.05 296.96 π 0.55 285.91

3+50

3+00

2+42 \approx BC

{ Fd $\frac{3}{4}$ " I. pipe on w. line Pushed over
Fd $\frac{3}{4}$ " I. pipe E. line Set Stub on & RESET

2+00

T.P. 12.19 286.46 π 0.59 274.27

1+50

274.86 π

4

295.7
1.3
50
293.3
3.7
30
292.6
1.4
22
290.0
7.0
18
289.4
7.6
285.4
11.6
30
283.5
13.5
50

296.96 π

49

293.0
+6.5
50
290.3
+3.8
30
289.2
+2.7
21
286.8
+0.3
16
286.3
0.2
282.0
+1.5
30
279.8
6.7
50

289.5
+3.0
50
286.5
0.0
30
285.5
1.0
21
283.0
3.5
16
282.6
3.9
287.7
7.8
30
276.5
10.3
50
269.2
17.3
100

281.9
1.6
50
281.9
4.6
30
280.6
5.9
16
279.1
7.4
12
277.7
8.8
273.4
13.1
30
271.6
14.9
50

281.7
4.8
50
279.7
6.8
30
278.9
7.6
14
276.6
9.9
10
275.7
10.8
271.3
15.2
30
270.1
16.4
50

286.46 π

278.4
+3.5
50
275.9
+1.0
30
273.8
1.1
13
271.9
3.0
8
271.6
3.3
268.0
6.9
30
265.3
9.6
50

274.86 π

Cont'd from Page 49

Lt

R

R7

50

7+00

294.2	292.9	290.6	286.3	283.2
0	1.3	3.6	7.9	11.0
50	30	30	30	50

6+36.02 BC. Fd 3/4" I. Pipes on E & W. Prop Lines. Set Stub &

299.3	296.3	295.1	293.0	292.5	289.0	286.5
+5.1	+2.1	+0.9	1.2	1.7	5.2	7.7
50	30	20	12	12	30	50

T.P. 522 294.21A 7.97 288.99 3/4" I. Pipe E. P. Line BC 6+36.02 294.21A

6+00

302.8	299.0	295.9	294.2	293.7	290.4	286.8	279.7
+5.8	+2.0	1.1	2.8	3.3	6.6	10.2	17.3
50	30	16	10	10	30	50	100

5+32³⁷ EC. Fd 3/4" I. pipes on E. & W. P.L. Set Stub and

303.7	299.9	297.4	295.7	295.3	290.3	287.0
+6.7	+2.9	+0.4	1.3	1.7	6.7	10.0
50	30	13	11	11	30	50

5+00

302.5	299.5	296.8	295.4	294.9	289.4	286.8
+5.5	+2.5	0.2	1.6	2.1	7.6	10.2
50	30	17	13	13	30	50

4+50

299.0	296.4	294.8	293.2	292.2	287.7	284.4
+2.0	0.6	2.2	3.8	4.8	9.3	12.6
50	30	19	16	16	30	50

296.96A

296.96A

Cont'd From Page 50

10+50

T.P. 9.71 297.48 \bar{X} 6.44 287.77

10+00

9+50

9+00

8+50

7+80.88 EC (Fd 3/4" I. Pipe on E. line set Stub on Q)
Fd 3/4" I. Pipe Knuckled on side \leftarrow RESET \leftarrow West P.L.

294.21 \bar{X}

Lt

R

Rt

51

292.2	290.7	289.4	287.5	289.2	282.3	280.4	278.4	278.7
5.3	6.8	8.1	10.0	10.3	15.2	17.1	19.1	18.8
50	30	20	12		30	50	70	100

297.48 \bar{X}

292.0	290.4	288.8	287.0	286.4	281.6	278.9
2.2	3.8	5.4	7.2	7.8	12.6	15.3
50	30	16	10		30	50

294.2	290.4	289.3	288.1	287.2	283.8	280.7
2.0	3.8	4.9	6.1	7.0	10.4	13.5
50	30	16	15		30	50

292.6	292.0	289.2	287.6	284.7	282.4	274.4
1.6	2.2	5.0	6.6	9.5	11.8	19.8
50	42	30		30	50	100

292.5	290.6	288.1	287.8	284.1	281.9
1.7	3.6	6.1	6.4	10.1	12.3
50	30	20		30	50

293.1	291.6	288.1	288.2	284.3	281.6
1.1	2.6	6.1	6.0	9.9	12.6
50	30	10		30	50

294.21 \bar{X}

12+93⁰⁰ Fd 3/4" I. Pipe W. P. Line BC

12+89 45 I L & Single Garage (Unfinished)

12+84.1 Fd 3/4" I. Pipe E. Prop. L. BC

12+50

T.P. 12.25 309.13 π 0.60 296.88

12+00

11+50

11+00

297.48 π

Lt

300.2
8.9
50

299.3
8.8
30

299.5
9.6

300.9
8.2
30

Rt 302.6
6.5
50

52

301.7
7.4
45 I
7.0 P
Cont
Foundation
8.9
45 I
Dirt

297.7
11.4
50

297.2
11.9
30

296.8
12.3

298.1
11.0
30

298.9
10.2
50

309.13 π .

295.8
1.7
50

294.4
3.1
30

294.5
3.0
22

293.4
4.1
16

293.6
3.9

295.1
2.4
30

295.2
2.3
50

293.6
3.9
50

292.5
5.0
30

291.9
5.6
19

290.9
6.6
15

290.3
7.2

291.1
6.4
30

291.2
6.3
50

292.2
5.3
50

290.8
6.7
30

290.0
7.5
18

288.4
8.1
13

288.7
9.3

286.5
11.0
30

286.8
10.7
50

287.7
9.8
80

297.48 π

T.P. 12.90 320.68 π 1.35 30 7.78

15733 46 Lt & 8' Conc Driveway

307.9
1.2
66
306.41
0.72
76
Conc

15768

306.9 307.0 307.0 307.3 308.6 308.6 307.0 306.9
2.2 2.1 2.1 1.8 0.5 0.5 2.1 2.2
50 30 28 24 30 33 50

14750

305.1 305.2 304.8 305.6 306.2
7.0 5.9 4.3 3.5 2.9
50 30 30 50

Set TBM 4.95 304.18 Chisel Square / W. of End of No. Curb Cumberland N.W. Cor. Cumberland
E Calle Tres
Lomas

14726 329.5 Lt End of Roll Curb N. Side Cumberland

303.91 304.19
5.22 4.94
2.92 2.92
66 70

See F.B. 1832 Page 54.

14725.18 & Cumberland Set 2" Hub & Disc

14700

303.0 303.6 304.4 305.4 306.3
6.1 5.5 4.7 3.7 2.8
50 30 30 46

13758 Levels all taken 1 to C across Cumberland
Cumberland is dirt grade.

301.8 302.0 303.2 303.3 304.5 305.1 305.8
7.3 7.1 5.9 5.8 4.6 4.0 3.3
50 30 11 17 30 50

309.13 π

309.13 π

Cont'd From Page 53

18+24.98 EC Fd 3/4" I. Pipe on Nly P. Line
Fd 1/2" I. Pipe on So. P. Line Set Stub on Q

17+50

17+00

T.P. 11.93 331.80 π 0.81 319.87

16+50

16+15.53 BC { Fd 1/2" Pipe on w. P. Line set Stub on Q
Fd 3/4" I. Pipe Knocked on side on E. P. L. RESET

15+50

320.68 π .

L

R

R

54

325.8
6.0
50

327.6
4.2
30

330.8
1.0
50

333.6
+1.8
30

336.2
+1.4
50

322.4
7.4
50

323.7
8.1
30

325.9
6.5
50

326.6
5.2
30

327.9
3.9
50

319.4
12.4
50

320.0
11.8
30

320.7
11.1
50

321.6
10.2
30

322.1
9.7
50

331.80 π

316.1
4.6
50

316.5
4.2
30

316.3
4.4
50

315.7
5.0
30

315.2
5.5
50

313.7
7.0
50

314.0
6.7
30

313.9
6.8
50

312.9
7.8
30

312.7
8.0
50

309.5
11.2
50

309.8
10.9
30

309.5
11.2
50

309.7
11.0
30

310.2
10.5
50

320.68 π

Lt

R

R¹

55

21+00

328.1	330.4	332.9	337.2	339.4
14.6	12.3	8.8	5.5	3.3
50	30		30	50

20+50

328.8	330.8	334.1	337.6	340.0
13.9	11.9	8.6	5.1	2.7
50	30		30	50

20+46.9 Fd 1/2" I.Pipe on Sly. P.L.B.C.

20+50

20+00

328.8	331.0	334.3	337.9	340.2
13.9	11.7	8.4	4.8	2.5
50	30		30	50

19+50

328.5	330.9	334.9	338.3	340.9
14.2	11.8	8.0	4.4	1.8
50	30		30	50

19+00

327.4	330.1	333.8	337.5	340.6
15.1	12.6	8.8	5.2	2.1
50	30		30	50

T.P.

11.18 342.65 X 0.33 331.47

342.65 X

331.80 X

T.P. 7 3.29 291.71 1.69 288.42

Set TBM 6 11.96 290.11 3.95 278.15 Chisel

Square Top Roll Curb NW Cor Calle Serena & Cumberland

T.P. 5 0.88 282.10 12.97 281.22

T.P. 4 0.12 294.19 13.01 294.07

TP 3 0.95 302.11 11.56 306.16

check

10.63 269.84 = 269.82

T.P. 2 0.53 317.72 12.96 317.19

T.P. 8 1.54 280.47

12.78 278.93

T.P. 1 0.23 330.15 12.78 329.92

22+00 Sections 1 to 4 Thru Trepadora
Trepadora unimproved.

326.5	327.7	330.3	333.0	334.8
16.2	15.0	12.4	9.7	7.9
50	30		30	50

21+61.03 Fd 1/2" I. pipe Nly P.L. BC. set stub in E

327.6	329.3	331.9	335.3	337.1
14.9	13.4	10.8	7.4	5.0
50	30		30	50

342.65 π

342.65 π

Roberts
Cota
Pulkin
6-19-51
W.O. 25020

X-Section Calle Pavana
Quebrada to East Line Tris Tomas Subt.
(Full Length)
Map 2160

Lt

Q

Rt

57

Reduced by
R. M. Hass
6-21-51

INDICATED

1750

JUN 20 1951

315.4	314.0	312.2	310.3	308.7
5.9	7.3	9.1	11.0	12.6
50	25		25	50

T.P.

12.88 321.27 π 0.06 308.39

321.27 π

1700

310.4	309.2	307.7	305.7	304.3
+1.9	+0.7	0.8	2.8	4.2
50	25		25	50

0+50

306.3	304.4	302.9	300.9	299.4	296.5
2.2	4.1	5.6	7.6	9.1	12.0
50	25		25	50	50

0+29.5 Opposite $\frac{3}{4}$ " I. Pipe on No. P.L.

0+21.20 Opposite $\frac{3}{4}$ " I. Pipe on So. P.L.

(This section ONLY on Line of Quebrada)
Fd $\frac{3}{4}$ " I. Pipes on T.L. EC on Quebrada

0+00 Set Stub on Q East Line of Calle Quebrada

301.2	299.6	298.5	297.1	295.6
1.3	8.9	10.0	11.4	12.9
50	25		25	50

BM

12.84 308.45 π

295.61 SE Corner

Pavana & Quebrada (EC on Quebrada)

308.45 π

See FB 1432
page 47

4+00

Set TBM.

2.44 331.37 ←

FD 3/4" I. Pipe on So. P.L.

3+79.87

Set Stub on E

3+50

3+00

2+79.87

FD 3/4" I. Pipe on So. P.L.

2+50

T.P.

13.05

333.81

0.51

320.76

2+00

321.27

Lt

331.3
2.5
50

331.3
2.5
25

332.0
1.8
50

332.3
1.5
25

333.5
0.3
50

58

S.E. Corner Pavana & Banco
E.C. RL on Pavana
3/4" Iron Pipe So. Line Pavana Sta. 3+79.87

← (X) Axis sit.
Banco

332.5
1.3
50

330.9
2.7
25

330.5
3.8
50

329.9
3.9
25

329.3
4.5
50

329.4
1.4
50

325.0
5.8
25

326.5
7.3
50

326.1
7.7
25

325.0
8.1
50

325.3
8.5
50

322.5
10.3
25

322.3
11.5
50

320.8
13.0
25

320.4
13.4
50

333.81

320.5
0.8
50

318.7
2.6
25

317.2
4.1
50

315.8
5.5
25

314.8
6.5
50

313.0
8.3
100

321.27

7+00

6+79.85 ^{FD 7/4" I. Pipes on No. 8 So.}
Both are off on distance and line, Been bit!

6+50

6+00

5+50

5+00

T.P.

4+50

333.81X

314.8	316.5	319.1	320.8	59
15.7	14.0	11.4	7.7	7.5
50	25		25	50

313.5	318.1	320.6	323.1	325.1	327.5
17.0	12.4	7.9	7.4	5.4	3.0
100	50	25		25	50

320.3	321.7	325.0	327.9	321.7
10.2	8.8	5.5	2.6	+1.2
50	25		25	50

322.2	323.5	326.6	330.7	334.1
8.3	7.0	3.9	0.2	+3.6
50	25		25	50

324.6	326.9	328.9	331.9	336.2
5.9	3.6	1.6	1.4	+5.7
50	25		25	50

330.46X

326.5	328.4	329.4	331.3	333.2	335.9
7.3	5.4	4.4	2.5	0.6	+2.1
100	50	25		25	50

333.81X

8783 Bottom of Creek

294.0
18.4
50

294.2
18.2
25

295.2
17.2
17

295.8
16.6
17

301.0
11.4
20
7.9
Bank

301.1
11.3
25

302.6
9.8
50

8775

295.4
14.0
50

299.0
13.4
25

300.7
11.7
11.7

301.2
11.2
25

302.6
9.8
50

8750

299.8
12.6
50

300.7
11.7
25

301.8
10.6
10.6

303.2
7.2
25

304.8
7.6
50

T.P. 6.60 312.35T 12.47 305.75

312.35T

8700

304.2
14.0
50

306.6
11.6
25

307.8
10.4
10.4

309.6
8.6
25

310.5
7.7
50

Fd 3/4" I. Pipe on So. Line. Set Stub on W.

7779.85 Fd 3/4" I. Pipe on North off both distance & Line

7750

309.6
8.6
50

311.6
6.6
25

313.4
4.8
4.8

316.0
2.2
25

317.8
0.4
50

T.P. 0.68 318.22T 12.92 317.54

318.22T

330.46T

T.P. 11.18 311.87 11.66 300.69

(Section taken on line of Subd.)
 Fd 3/4" I. Pipes on NE S RL. Set stub on E
 East Line Tres Comas Subd.

10+78.43

315.2
 12.8
 50

314.3
 +1.9
 27

311.7
 0.7

309.62
 2.73
 27
 ON
 PIPE

308.6
 3.8
 50

307.7
 2.7
 53
 Creek
 Bank

10+40

312.8
 10.4
 50

311.7
 0.7
 25

309.9
 2.5

308.4
 3.0
 25

307.4
 5.0
 45
 Creek
 Bank

10+00

311.1
 13
 50

310.3
 2.1
 25

308.1
 4.3

306.3
 6.1
 25

304.6
 7.8
 47
 Creek
 Bank

9+39.24 EC

Fd 3/4" I. Pipes on No. 5 So. RL.
 Set stub on E

305.7
 6.7
 50

304.7
 7.7
 25

303.7
 8.7

302.4
 10.0
 25

302.2
 10.2
 35

296.3
 16.1
 45

302.2
 10.2
 55
 Bottom
 Creek

9+02.61 BC

Fd 3/4" I. Pipe on No. P.L.
 Set stub on E

300.0
 12.4
 50

300.4
 12.0
 25

300.2
 12.2

304.8
 7.6
 17

296.2
 16.2
 25

301.6
 10.8
 40

301.9
 10.5
 50

8+90

298.2
 14.2
 50

299.3
 13.1
 25

299.5
 12.9

299.5
 12.9

295.6
 16.1
 8

295.6
 20

301.7
 10.7
 25

302.0
 10.4
 40

312.35

312.35

Check 7.44 307.11 = 307.18 Chisel Square Top Curb NW Cor. See FB 2030 pg 48-56
Tres Lomas & Cumberland

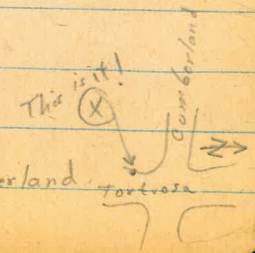
T.P. 2.16 311.55 7.03 309.39

T.P. 6.95 316.42 2.40 309.47

Set TBM 12.04 299.83

311.87

3/4" Iron Pipe S.W. Corner Tortuosa & Cumberland
 EC. Pt. on Tortuosa



X-SEC. CALLE CHANATE
 WEST LINE SUB. TO CALLE CANADA
 & ON NORTH B'DY. OF SUB.

SEE DRAWING PG 67

63

INDEXED
 JUN 26 1951

2100

277.2 281.3 286.8 292.4 294.3 294.6 298.4 303.5
 50 30 15 14.7 5 9 30 50

1450

276.4 289.2 295.6 300.3 300.7 302.8 306.6 313.9 320.7
 328 200 136 89 8.5 6.4 2.6 1.47 1.15
 100 50 30 15 3 5 30 50

T.P.

130 309.21A 1287 307.91

309.21A

1400

297.8 304.7 306.8 307.3 310.4 318.8 323.7
 230 16.1 14.0 13.5 10.4 2.0 1.29
 50 30 17 4 30 50

0150

302.9 309.1 313.1 313.6 316.8 322.3 328.0
 179 11.7 7.7 7.2 4.0 13.5 7.2
 50 30 17 5 30 50

0100 & 2" PIPE NW COR SUB. - FOUND NUB ON SO. P.L.

294.1 306.2 312.0 316.3 317.1 319.4 324.9 327.7
 26.7 14.6 8.8 4.5 3.7 1.4 1.41 1.69
 100 50 30 17 3 30 50

2" IRON PIPE

0.77 320.01 2" PIPE NW COR SUB.

320.78A

T.P.

1228 320.78A 6.94 308.50

B.M.

1285 309.44

296.59 3" PIPE RC. SEC. COR CALLE CHANATE
 & CALLE TORTUOSA
 REFER FR. 1832

TP 410 277.66T 11.97 273.56

4+00

LT \$ ET
 262.5
 23.0 20.8 14.1 12.0 8.0 0.9
 50 50 32 30 50

3+50

262.4 267.6 271.7 275.9
 23.1 17.9 13.2 9.6 8.0 2.2 2.8 15.5
 100 50 30 11 14 30 50

TP 111 285.53T 12.98 283.92

3+00

285.53T

272.2 275.6 281.1 281.5 282.1 283.9 288.1 294.5
 24.7 21.3 15.8 15.4 14.8 13.0 8.8 2.4
 50 30 3 10 14 30 50

2+50

275.6 280.9 284.5 286.1 286.8 290.7 297.0 300.5
 21.3 16.0 12.4 14.8 10.1 6.2 0.1 13.6
 50 30 13 5 10 30 50

TP 031 296.90T 12.62 294.59

296.90T

X-SEC. CALLE CHANATE
CONT. FROM PG. 64

LT.

♀

RT.

65

6+50

280.3	283.5	277.9	275.8	275.5	274.7
10.2	7.0	12.6	14.7	15.0	15.8
50	30		4	30	50

T.P.

1309 290.50A 025 277.11

290.50A

5+90

275.9	272.1	266.7	267.7	268.0
1.8	5.6	11.0	10.0	9.7
50	30		30	50

5+50

275.6	273.1	265.8	266.1	266.7	270.0	271.0
2.1	4.6	11.8	11.6	11.0	7.7	5.7
50	30	10		15	30	50

5+00

272.4	270.1	265.2	265.4	266.2	271.6	272.3
5.3	7.6	12.5	12.3	11.5	6.1	5.8
50	30	10		14	30	50

4+50

268.8	264.7	264.0	264.7	267.2	268.2	269.6	271.4	275.7
8.9	13.0	13.7	13.0	10.5	9.5	8.1	6.8	7.0
50	30	27	8		12	15	30	50

277.66A

277.66A

X-SEC. CALLE CHANATE
CONT. FROM PG. 65

66

LT. \$ PT.

7454.97 EAST PL. CALLE CAÑADA

T.P. 9.35 298.53T 132 298.18

7400

292.0
55 60
58 38

292.5
76 7.7
30 2.8

290.9
76 7.7
30 2.8

290.8
76 7.7
30 2.8

288.7
76 7.7
30 2.8

286.8
37 46
58 38

285.9
76 7.7
30 2.8

283.2
76 7.7
30 2.8

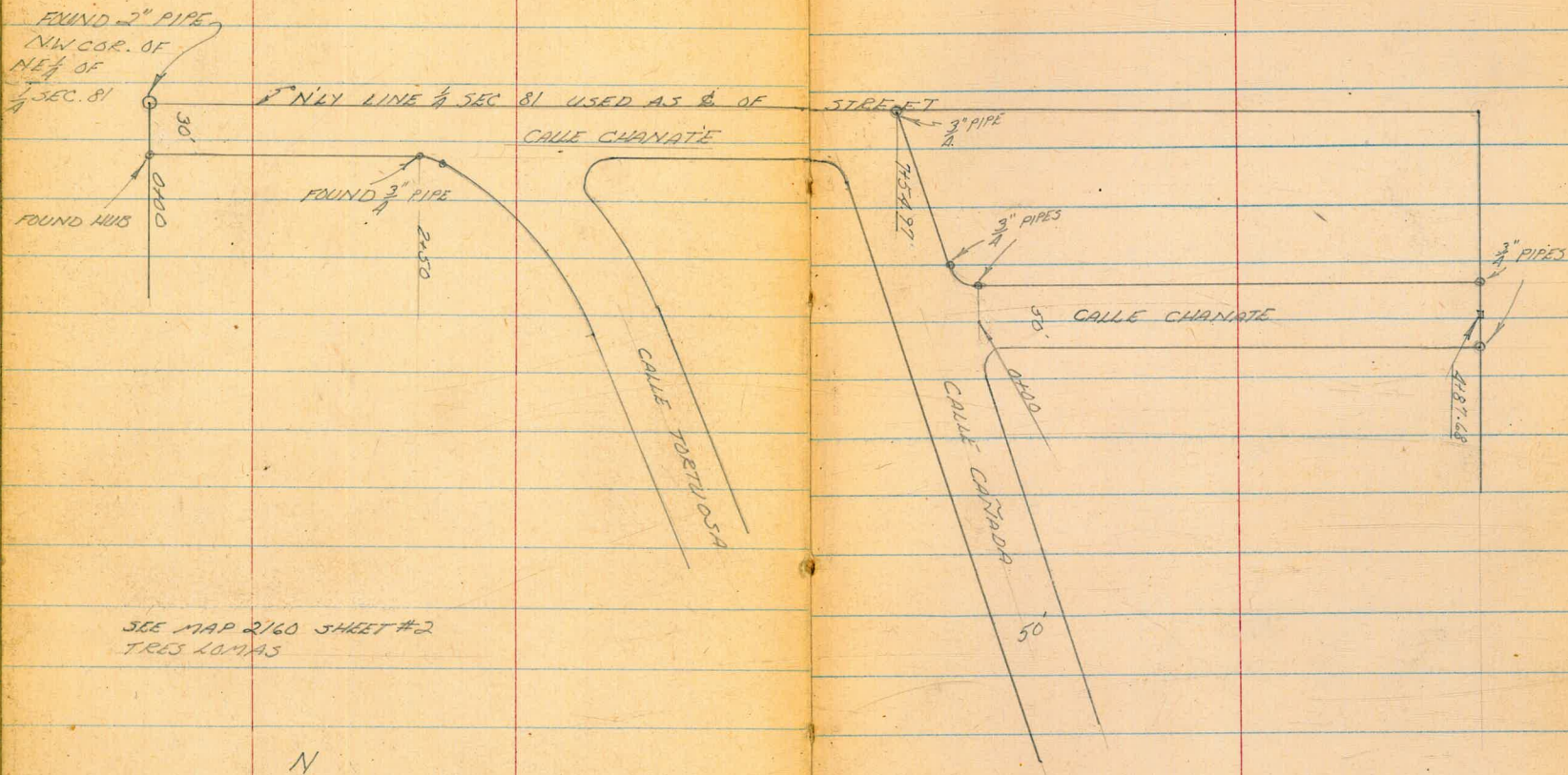
282.3
76 7.7
30 2.8

282.2
76 7.7
30 2.8

290.58T

X-SEC. CALLE CHANATE

67



SEE MAP 2160 SHEET #2
TRES LUMAS



X-SEC CALLE CHANATE
 CALLE CAÑADA TO SUB. LINE
 SEE DRAWING PG. 67

68

2+00

LT.	+	RT.
304.8		299.4
+1.8		3.7
50		6
301.7		299.3
1.3		5.7
25		25
300.3		299.3
2.7		5.7
10		25
299.4		294.8
3.6		8.2
2		50

1+50

LT.	+	RT.
303.3		298.6
+0.3		2.5
50		7
301.0		298.5
2.0		6.3
25		25
299.6		296.7
3.4		8.5
10		50
298.8		294.5
4.2		8.5
7		50
298.6		
4.4		
2		

1+00

LT.	+	RT.
301.0		296.9
2.0		6.1
50		9
299.5		296.9
3.5		6.1
25		25
298.1		295.0
1.9		8.0
8		10.4
297.2		292.6
5.8		14.9
5		100
296.9		
6.1		
2		
296.9		288.1
6.1		14.9
9		100
296.9		
6.1		
25		
295.0		
8.0		
10.4		
50		
292.6		
14.9		
100		

0+50

LT.	+	RT.
297.7		292.4
5.3		10.6
50		25
295.9		291.3
7.1		11.7
25		50
294.6		
8.4		
8		
293.6		
9.4		
1		
293.6		
9.4		
25		
292.4		
10.6		
25		
291.3		
11.7		
50		

0+00

LT.	+	RT.
290.0		288.0
13.0		15.0
50		25
290.0		286.6
13.0		16.4
25		50
288.8		
14.2		
25		
288.0		
15.0		
25		
286.6		
16.4		
50		

T.P. 12.99 302.98T 8.54 28.978

302.98T

LEVELS CONT FROM PG. 66

7-SEC CHANATE

CONT FROM PG. 69

70

0.89 299.73

CHECK B.M. 6.77 300.62

2.94 293.85

EC CUMBERLAND
SU. COR CUMBERLAND & TORTUOSA = 299.83

T.P. 10.53 296.77 12.54 286.26

T.P. 0.39 298.80 19.24 298.41

X-5EC. CALLE CAÑADA
 FROM NORTH B'DY SUB. TO CUMBERLAND
 SEE SKETCH PG. 74

1450

1400

0450

N.E. BC CALLE CAÑADA & CUMBERLAND

0400 SET & STUB - $\frac{3}{4}$ " PIPES ON PROP. LINE

0-50

T.P

202 295.83X

6.91

293.81 $\frac{3}{4}$ " PIPE BC CALLE CAÑADA, N.E. COR. CALLE CAÑADA & CALLE CUMBERLAND

BM

089 300.72

299.83 EC. CUMBERLAND
 S.W. COR. TORTUOSA
 & CUMBERLAND

REFER TO FB. 1832 PG 55

IT.

¢

RT.

71

AUG 27 1951

281.7
 14.1
 50

281.6
 14.2
 25

281.1
 14.7
 50

281.2
 14.6
 25

281.6
 14.2
 50

283.1
 12.7
 50

283.1
 12.7
 25

283.3
 12.5
 50

286.1
 9.7
 25

288.2
 7.6
 50

284.8
 11.0
 50

285.0
 10.8
 25

287.0
 8.8
 50

289.2
 6.6
 25

292.5
 3.3
 50

298.6
 7.2
 50

289.6
 6.2
 25

291.6
 4.2
 50

293.7
 2.1
 25

295.8
 0.0
 50

291.6
 4.2
 50

290.0
 2.8
 25

295.0
 0.8
 50

297.3
 +1.5
 25

292.7
 +3.1
 50

X-SEC CAÑADA.
CONT. FROM PG. 71

A+ 66.61 $\frac{3}{4}$ " PIPE EAST PROP LINE CALLE CAÑADA

A400

3+ 54.12 $\frac{3}{4}$ " PIPE ON EAST PROP LINE

3400

T.P.

11.43 294.19T 1307 282.76

2450

2400

LT.

E

RT.

72

281.3	284.2	286.8	290.0	293.6
127	100	7.4	4.2	0.1
50	25		25	58

280.2	282.6	284.9	288.1	291.1
140	116	9.3	5.1	3.1
58	25		25	50

276.2	279.6	281.1	283.2	286.2	289.4
190	146	13.1	11.0	8.0	4.8
100	58	25		25	50

276.9	279.0	281.7	283.9	286.4
173	157	125	10.3	7.8
58	25		25	50

294.19T

278.3	279.6	280.5	282.3	288.0
175	16.2	15.3	13.5	7.8
50	25		25	50

288.2	287.3	280.9	280.6	280.8	281.4	281.9
76	8.5	14.9	15.2	15.0	14.4	13.9
100	84	58	25		25	50

295.83T

X- SEC. CALLE CAÑADA
CONT. FROM PG. 72

LT.

Q

RT.

73

CHECK PIPE NORTH BC CALLE CAÑADA - 4.21 289.98 = 289.99 SEE PG. 66
Q CALLE CHANATE

5491.87 SET Q STUB OPPOSITE 3" PIPE EAST LINE CAÑADA
Q NLY LINE Q SEC. 81

280.8	283.2	287.4	290.9	295.3
13.0	11.0	6.8	3.5	+1.1
50	35		25	50

5450

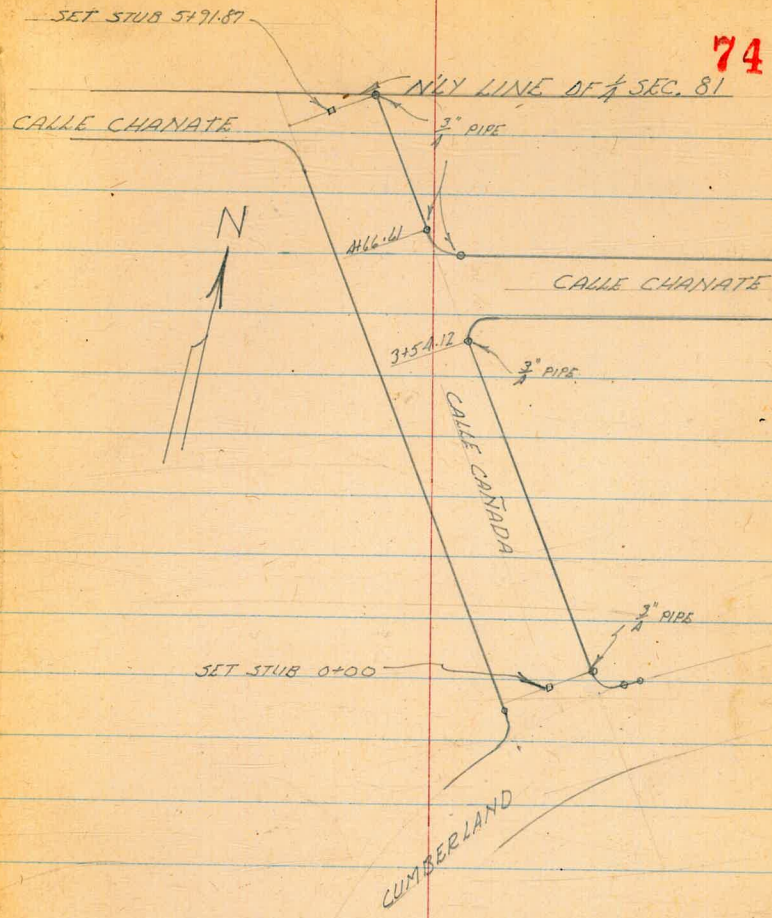
281.3	284.4	288.6	292.2	295.7
12.9	9.8	5.6	3.0	+1.5
50	35		25	50

5400

276.8	282.6	284.3	287.5	291.0	294.0
17.4	11.6	2.9	6.7	3.2	0.2
100	50	25		25	50

29419 X

29419 X



SEE MAP # 2160 SHEET # 2 TRES LOMAS

X-SEC CAÑADA

75

76

77

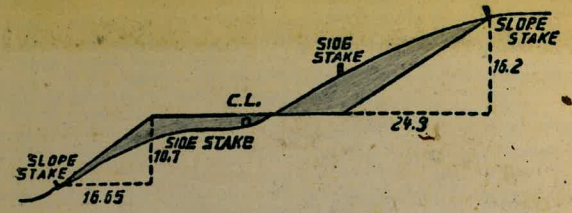
78

79

8.9
 86.2
 5.4
 70
 1900'0"
 2776
 17.5 18.7 24

600
 119
 48.1

67
 14
 81.9



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