1360

Torrey Pines Widening Road

DAVEY

LEVEL BOOK

No. 3801

Our Leather Bound Engineers Note Books are carried in the following rulings:

No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.

No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.

No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.

No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

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THE FREDERICK POST CO.

ENGINEERING and DRAFTING SUPPLIES

IRVING PARK STATION

CHICAGO, ILL.

Walker
McHugh
Mattoon
Rimmen
Locke
8-8-49

CROSS SECTION TORREY ROAD

Between Prospect Pl.
AND LAJOLLA CANYON ROAD

Note: All stations are ℄ Base Line

	0.16	188.04		187.88	NE. B.P. Prospect And College
T.P.	0.56	175.71	12.89	175.15	
T.P.	0.25	163.39	12.57	163.14	on S.W. 7' Arch
T.P.	0.95	153.14	11.20	152.19	Prospect + Torrey Rd.

Note: All Pluses Are to Rt. or Lt. of ℄ Base Line

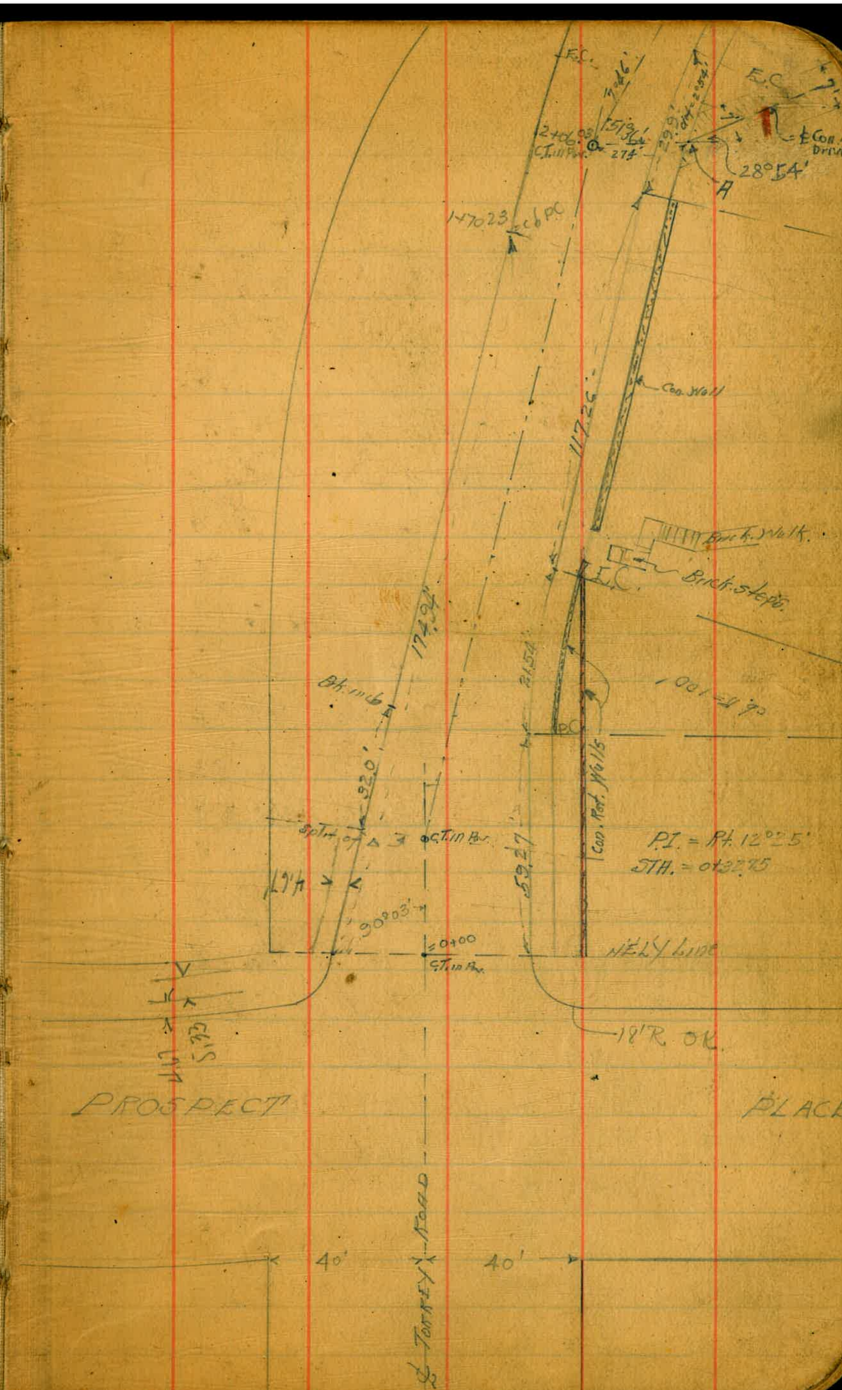
0+00 - 40' = ℄ Prospect.

40' Rt.	1.86	151.28
26' Rt.	1.52	151.62
13' Rt.	1.91	151.23
℄ on Rim MH.	2.37	150.77
13' Lt.	2.75	150.37
26' Lt.	3.20	149.94
40' Lt.	3.73	149.41

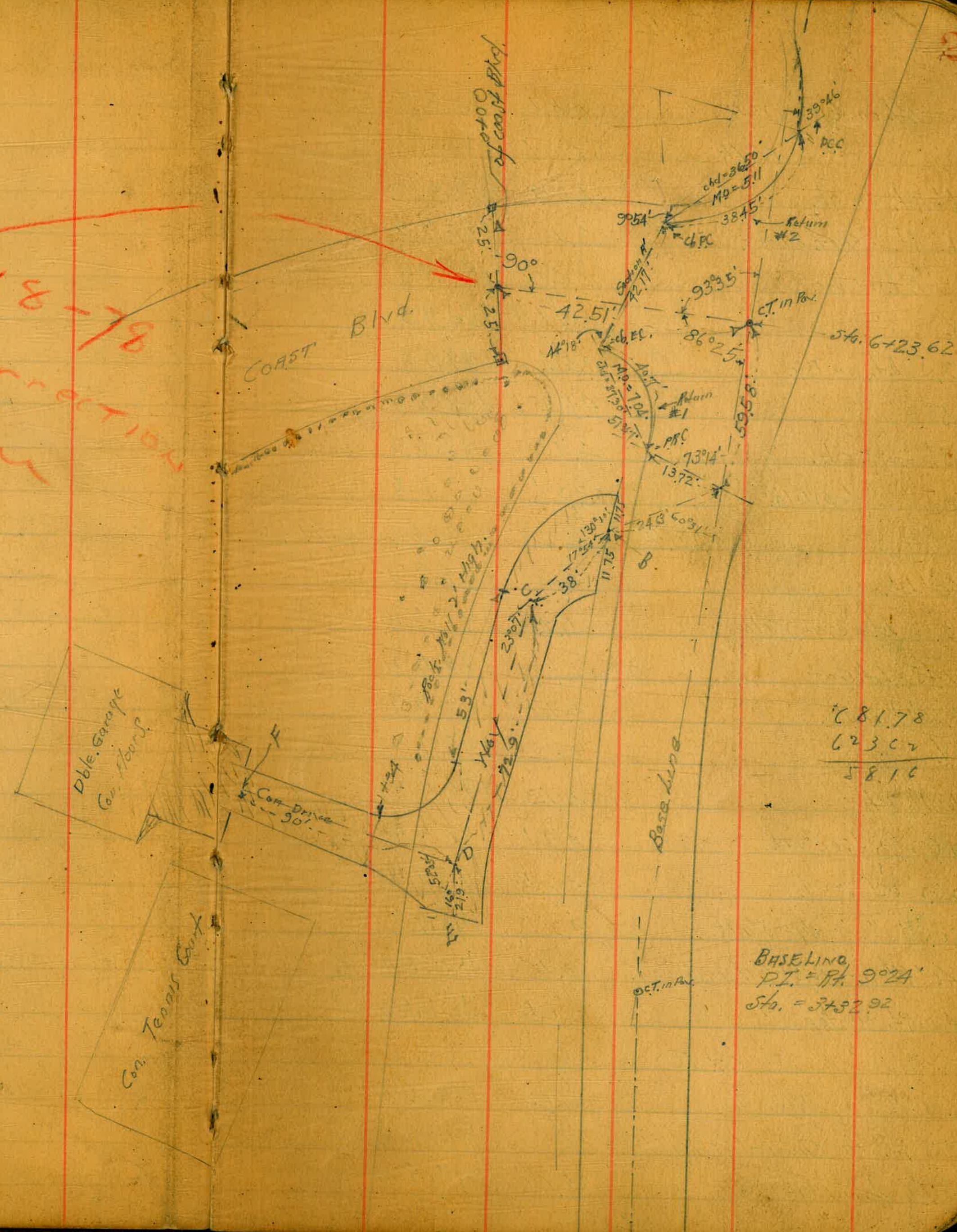
0+00 - 14' = NLY. cb. Line Prospect.

40' Lt. on top cb.	4.10	149.04
40' Lt. " Gut.	4.59	148.55
26' Lt. " Pav.	4.29	148.85
13' " " "	3.23	149.91
℄ " "	2.46	150.68
13' Rt. " "	2.09	151.05
26' Rt. " "	1.87	151.27
40' Rt. on top cb.	1.10	152.04
40' Rt. " " Pav.	1.71	151.43

0+00 = Beg. Con. Ret. Wall on Rt.



See 1348-78
For Correction
E.S.

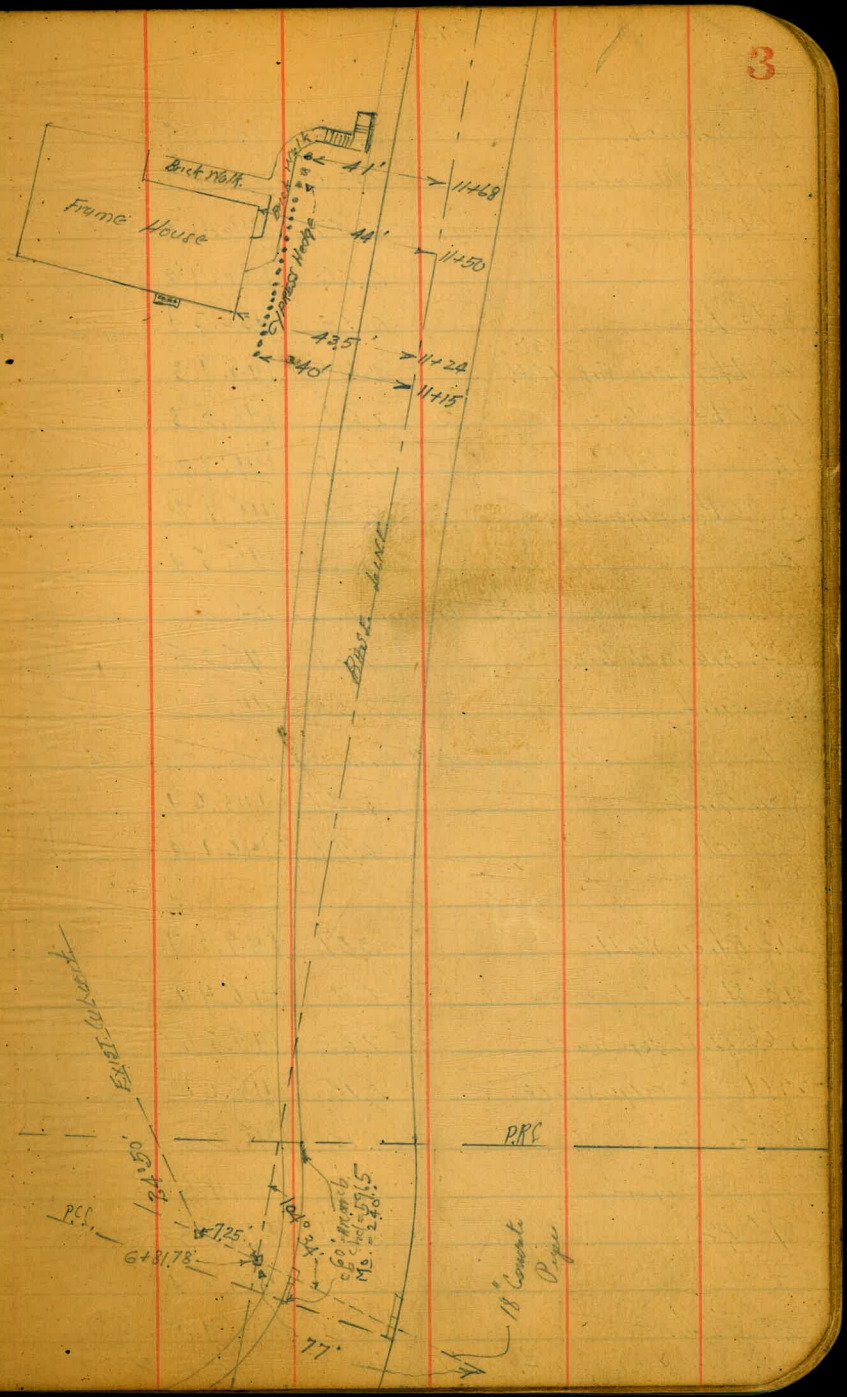


681.78
623.62
58.16

BASELINE
P.I. = Rt. 9°24'
Sta. = 3+32.92

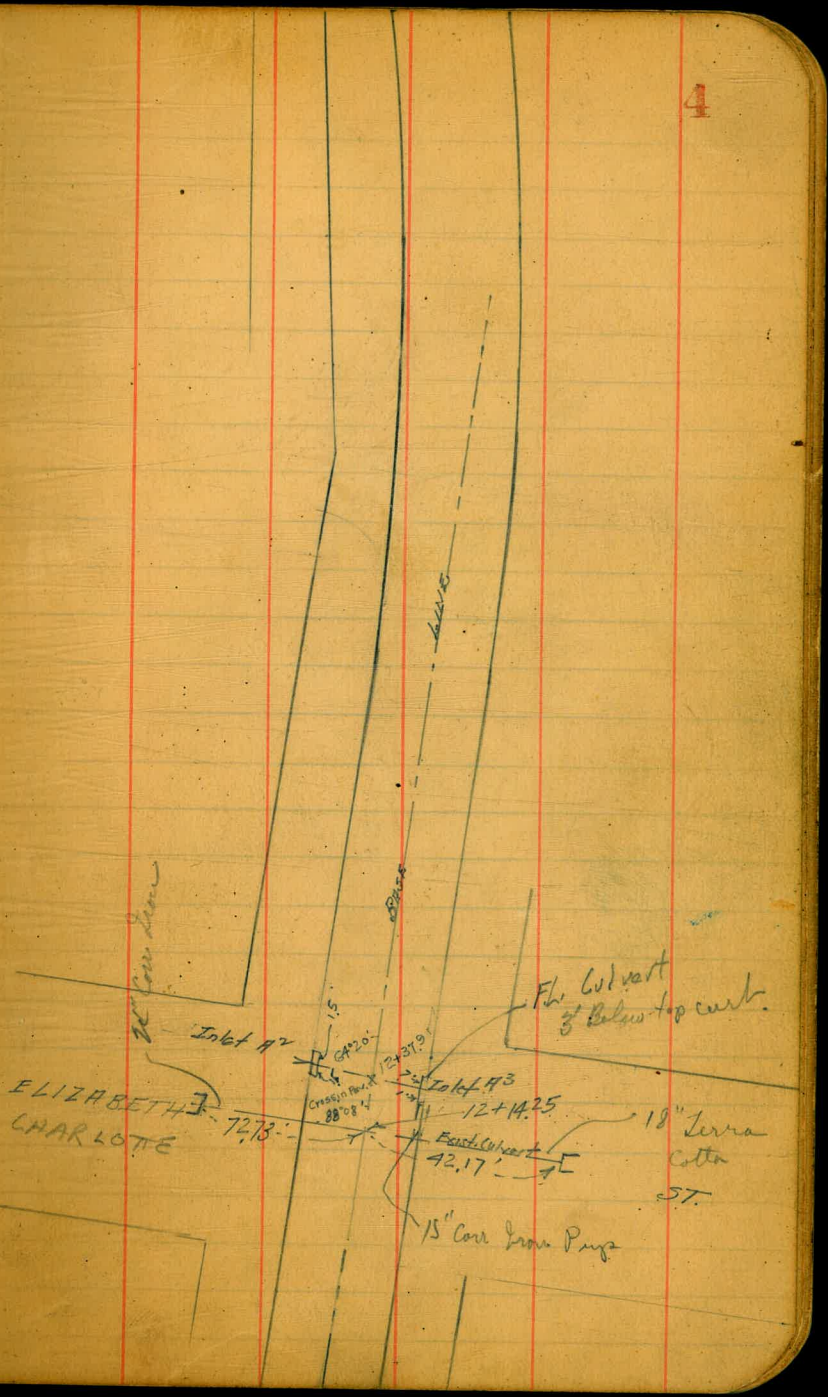
15314

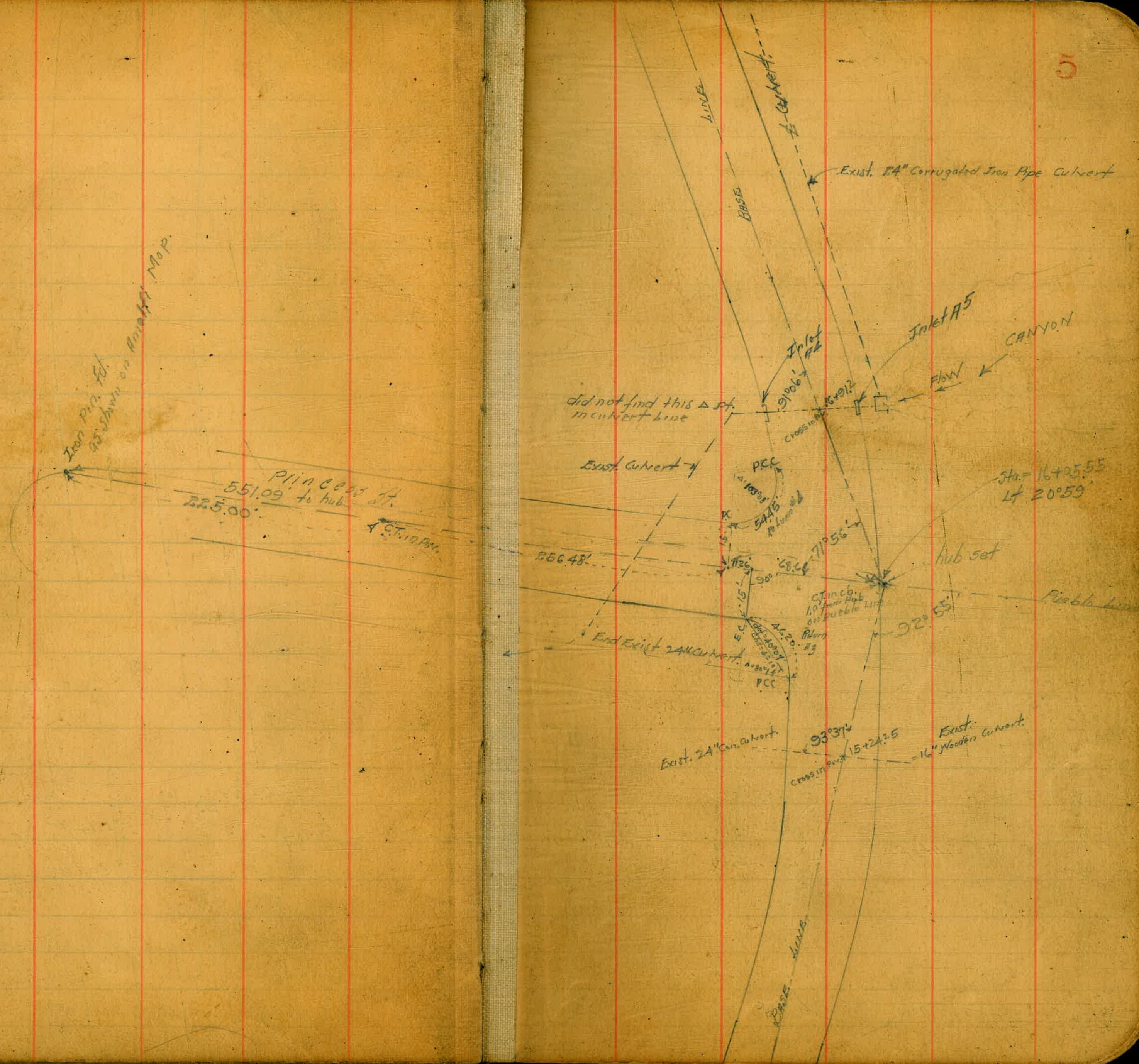
40' Rt. on top Con Wall	0.87	152.27
40' " " " " Walk	0.87	152.27
36' Rt. on cb.	1.08	152.06
26' Rt. " Gut. on Rev.	2.16	150.98
13' Rt. " Rev.	2.40	150.74
℄ " "	2.71	150.43
12.5' Lt. on Rev.	3.56	149.58
25' " " "	4.62	148.52
25' " " cb.	4.10	149.04
40' " " top Walk.	3.86	149.28
0+32.75 = △ 12°25' Rt. Section on Split △		
40' Lt.	6.2	146.94
22.12 Lt. = edge Walk.	6.10	147.04
17.45 = Lt. Gut	6.52	146.62
8.72 Lt. on Rev.	5.77	147.37
℄ " "	5.42	147.72
13.1' Rt.	5.13	148.01
26.2 Rt. on Gut.	4.91	148.23
26.2' Rt " cb.	4.24	148.90
30.87 " " edge Walk.	4.21	148.94
40' Rt. at Ret. Wall on Ground	3.1	150.04
40' Rt. on top "	2.04	151.10
0+50.		
37' Rt. on Ret. Wall	2.54	150.60
37' Rt. on Ground at Wall	4.1	149.04
27.57 Rt. on edge Walk.	5.60	147.54



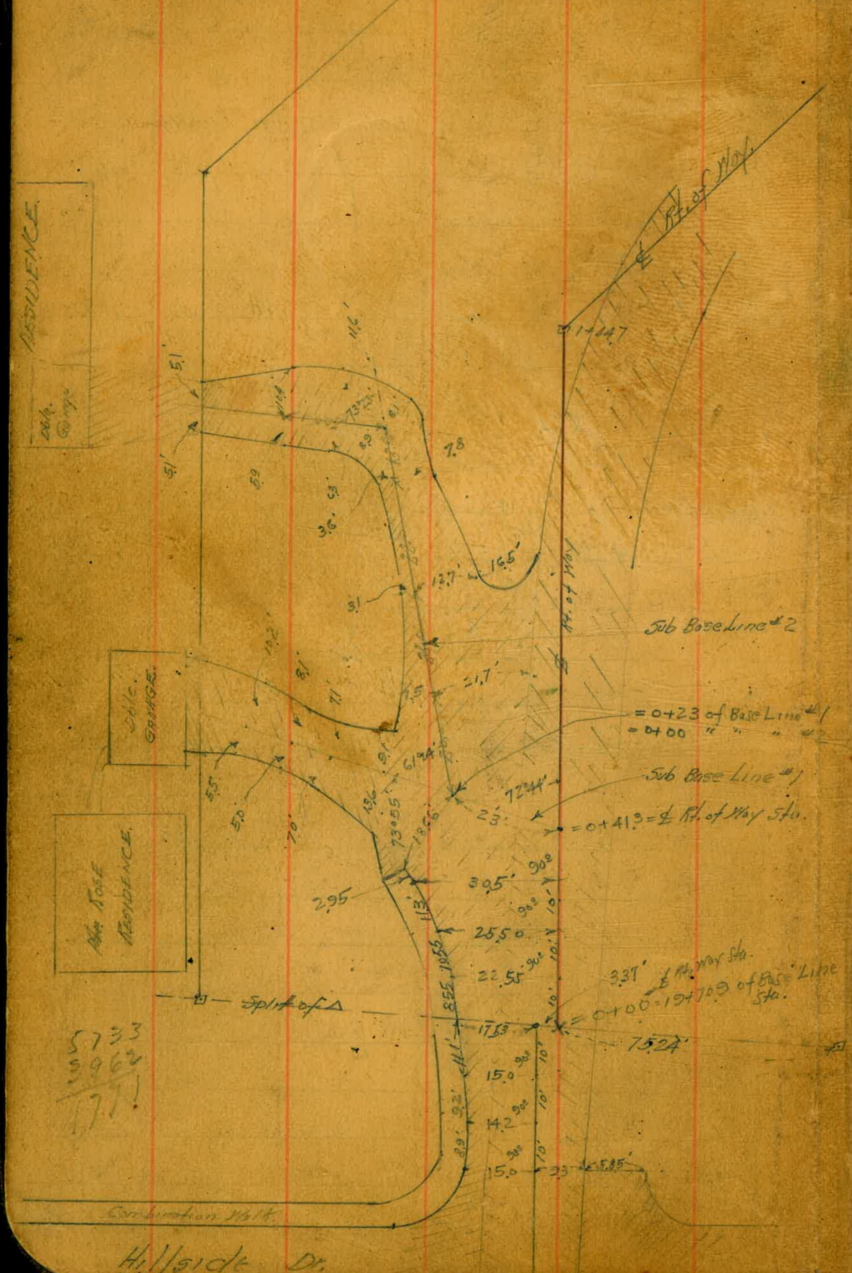
22.9' Rt. on cb.	5.68	147.46
22.9' Rt. on Gut.	6.30	146.84
11.45' Rt.	6.47	146.67
℄	6.66	146.48
8.75 Lt.	6.93	146.21
14' Lt. on Rim Gas 3'x3' M.H.	7.21	145.93
17.5' Lt. on Gut.	7.61	145.53
17.5' " " cb.	7.15	145.99
22.16 Rt. on edge Walk	7.17	145.97
40	7.6	145.54
0+42.85 = Brk. in cb. on Lt.		
Lt. Brk in cb Line	7.89	145.25
Gut.	8.30	144.84
59.27 NLY from NLY Line Prospect = P.C. on Rt.		
on Gut.	7.47	145.67
" cb	6.96	146.18
0+75		
31.8' Rt. on Wall	3.57	149.57
31.8' Rt. at " on Ground	6.7	146.44
22.66 Rt. on top Wall	7.63	145.51
22.66 " " edge Walk	8.14	145.00
18' Rt. on cb.	8.14	145.00
" " " Gut.	8.68	144.46
9' Rt.	8.61	144.53
℄	8.60	144.54
8.75' Lt.	8.74	144.40

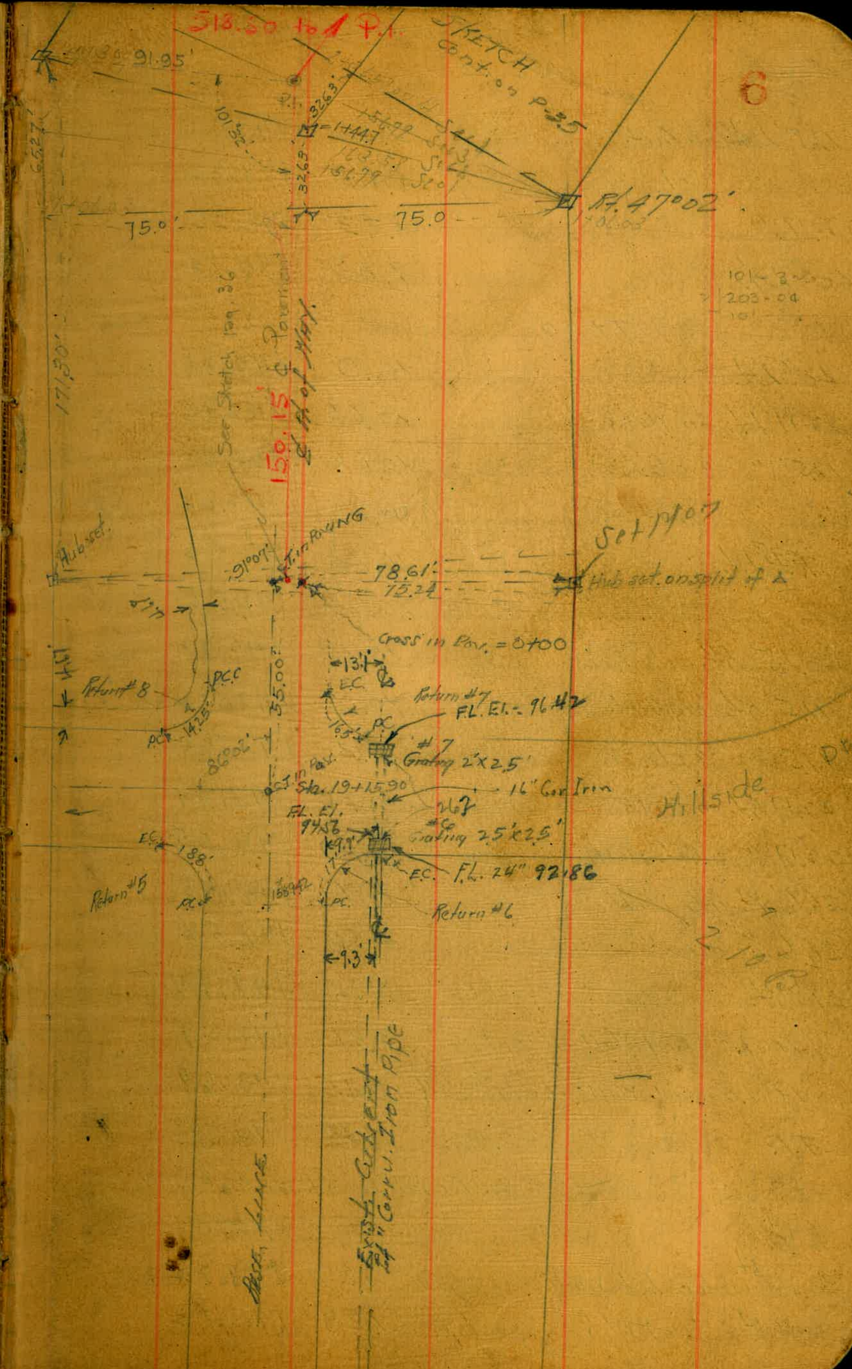
Cont. on Page 7




Iron Pin. fd. as shown on Amatti Map.
Princess st.
551.09' to hub at.
225.00'
℄ C.T. 10 Av.
256.48'
BASE LINE
℄ Culvert
Exist. 24" Corrugated Iron Pipe Culvert
Inlet A5
Inlet #4
CANYON
FLOW
did not find this △ pt. in culvert line
91°06'
16+91.2
Cross in Pvt.
Exist. Culvert
P.C.C.
△ 103°08'
54.45'
Return #1
P.C.
15'
11.26'
90°
68.64
71°56'
Sta. = 16+25.55
Lt 20°59'
hub set
Pueblo Line
C.T. in c.b. 1.0' from Hub on pueblo line
92°55'
E.C.
R=20.
Return #3
End Exist. 24" Culvert
P.C.C.
Exist. 24" Cor. Culvert
93°37'
Cross in pvt. 15+24.25
Exist. 16" Wooden Culvert
BASE LINE

Location of Exist. Pav. And Curbs
Bet. Hillside Dr. Exist Sta. 1+44.7 of ℄ Rt. of Way





Cont. from P. 4

153 14

17.5' Lt. on Gut.		9.06	143.92
" " " cb.		8.82	144.32
22.17 " "		8.83	144.31
40' Lt.		9.0	144.14
	1+00		
40' Lt.		10.9	142.24
22.17' Lt. on Walk		10.68	142.46
17.5' " " cb.		10.68	142.46
" " " Gut.		11.10	142.04
8.75 Lt.		10.72	142.42
℄		10.64	142.50
8.75' Rt.		10.72	142.42
17.5' Rt. on Gut.		10.92	142.22
17.5 " " cb.		10.40	142.74
22.17' Rt. on Walk		10.25	142.89
22.17 " " Ret. Wall		9.09	144.05
26.6' Rt. of Wall		8.7	144.44
26.6 " on "		4.56	148.58
37' Rt.		3.2	149.94
1+07.8 = End Wall at Prop Line		4.87	148.27
1+07.8 = End Wall at edge of Walk		9.45	143.69
T.P	0.29	142.01	11.42	141.72
	1+25 = Beg. Ret. Wall on Rt. at edge Walk.			145.01
35' Rt.		+3.0	~~139.01~~	
22.16 Rt. on top Ret. Wall		0.29	141.72	
22.16 Rt. " Walk		1.29	140.72	

142.01

7

17.5' Rt. on cb.		1.35	140.66
17.5' " " Gut.		1.82	140.19
8.75' Rt.		1.66	140.35
℄		1.58	140.43
8.75' Lt.		1.57	140.44
17.5' Lt. on Gut.		1.88	140.13
17.5' " " cb.		1.47	140.54
22.16' Lt. on Walk		1.40	140.61
40' Lt.		1.2	140.81
	1+50'		
40' Lt.		7.5	134.51
26' Lt.		3.2	138.81
22.16 Lt. on Walk		3.36	138.65
17.5' Lt. on cb.		3.43	138.58
17.5' " " Gut.		3.89	138.12
8.75' " " Pav.		3.67	138.34
℄		3.57	138.44
8.75' Rt.		3.64	138.37
17.5' " on Gut.		3.80	138.21
17.5 " " cb.		3.36	138.65
22.16' Rt. on Walk.		3.25	138.76
22.16 " " Ret. Wall		3.27	139.74
35' Rt.		+1.0	141.01
	1+75'		
35' Rt.		1.4	140.61
22.16' Rt. on Ret. Wall		4.26	137.75

22.16' Rt. on Walk.	5.27	136.74	
17.5' Rt. " cb.	5.34	136.67	
17.5' Rt. on Gut.	5.81	136.20	
8.75' Rt.	5.59	136.42	
℄	5.48	136.53	
8.75' Lt.	5.55	136.46	
17.5' " on Gut.	5.85	136.16	
17.5' " " cb.	5.37	136.64	
22.16 " " Walk.	5.32	136.69	
25' Lt.	5.4	136.61	
35' "	10.8	131.21	
40' Lt.	12.1	129.91	
2+06.03 = Δ Rt. 70½° Section on split of Δ			
60' Lt.	24.6	117.41	
40' Lt.	20.2	111.81	
19.7' Lt. on Walk.	7.72	134.29	
15' " " cb.	7.79	134.22	
15' " " Gut.	8.26	133.75	
7.5' Lt.	7.93	134.08	
℄	7.93	134.08	
8.75' Rt.	8.04	133.97	
17.5' " on Gut. in Driveway	8.35	133.66	
22.16 Rt. on Walk	7.67	134.34	
22.16' " top Wall	6.67	135.34	Encl Ret. Wall 2' MSL from PC.
37' Rt.	4.1	137.91	
27.4' Rt. of Sta. 2+06.03 = ℄ Con. Drive	8.50	133.51	See Sketch R = A

60' Rt. of A on Con Drive	8.22	133.79	}
2+51 = ℄ Cypress tree on 32' Rt.	5.5	136.51	14" dia.
2+66 = " " " 25' Rt.	11.0	131.01	12" "
+75 = " " " 30.5"	11.0	131.01	12" "
3+10.5 = " " " 29' "	15.0	127.01	10" "
2+25			
36' Rt.	5.5	136.51	
15.6' on Gut. in Drive	9.64	132.37	
7.8' Rt.	9.58	132.43	
℄	9.43	132.58	
7.5' Lt.	9.46	132.55	
15' Lt. on Gut.	9.70	132.31	
15' " " cb.	9.27	132.74	
19.67 " Walk	9.23	132.78	
23' Lt.	9.4	132.61	
40' Lt.	22.5	119.51	
53' Lt.	28.8	113.21	
75' Lt.	31.9	110.11	
2+50			
75' Lt.	34.0	108.01	
61' Lt.	32.3	109.81	
48' Lt.	28.4	113.61	
21' Lt.	11.2	130.81	
19.7' Lt. on Walk	10.98	131.03	
15' " " cb.	11.06	130.95	
15' " " Gut.	11.43	130.52	

142.01

7.5' Lt.	11.42	130.58
℄	11.38	130.63
7.5' Rt.	11.52	130.49
15' " Gut.	11.58	130.43
15' " top cb.	11.10	130.91
19.7' Rt. on walk	10.96	131.06
35' Rt. on Can Dr.	8.60	133.41
T.R 1.68 130.97	12.72	129.29
3+00		
35' Rt.	15	129.47
19.7' Rt. on walk	3.50	127.47
15' Rt. on cb.	3.63	127.34
15' " " Gut.	4.09	126.88
7.5' Rt.	4.04	126.93
℄	3.82	127.15
7.5' Lt.	3.87	127.10
15' Lt. on Gut.	3.93	127.04
15' " " cb.	3.48	127.49
19.7 Lt. on walk	3.38	127.59
21' "	3.5	127.47
46' Lt.	19.5	111.47
64' Lt.	22.7	108.27
66' Lt.	25.4	105.57
75' Lt.	26.0	104.97
3+32.92 = △ Rt. 9°24' Section on Spl. of △		
75' Lt.	28.4	102.57

130.97

67' Lt.	28.2	102.77
49' "	23.9	107.07
23' Lt.	0.0	124.97
19.7' Lt. on walk	5.63	125.34
15' Lt. on cb.	5.77	125.20
15' " " Gut.	6.22	124.75
7.5' Lt.	6.14	124.83
℄ on Copper hub. Lead Plug	6.20	124.77
7.5' Rt.	6.32	124.65
15' Rt. on Gut.	6.27	124.70
15' " " cb.	5.80	125.17
19.7' Rt. on walk	5.58	125.39
35' Rt.	4.7	126.27
3+50		
35' Rt.	6.2	124.77
17.1' Rt. on edge walk	6.66	124.31
12.4' " " cb.	6.89	124.08
12.4' " Gut.	7.39	123.58
6.2 Ft.	7.48	123.49
℄	7.39	123.58
9.5' Lt.	7.30	123.67
18.1' Lt. on Gut.	7.44	123.53
18.1 " " cb.	6.98	123.99
22.8 Lt. on walk	6.89	124.08
26' "	7.0	123.97
53' Lt.	25.2	105.77

	130.97			
64' Lt.		28.2	102.77	
75' Lt.		29.1	101.87	
	3+75			
75' Lt.		30.2	100.77	
59' Lt.		27.9	103.07	
30' Lt.		8.6	122.37	
26.8' Lt. on Walk		8.43	122.54	
22.14 Lt. on cb.		8.46	122.51	
22.14 " " Gut.		8.86	122.11	
11.07' "		8.74	122.23	
℄		8.85	122.12	
8.3' Rt. on Gut.		8.98	121.99	
8.3' " " cb.		8.50	122.47	
13.1' Rt. on Walk		8.33	122.64	
38' "		8.0	122.97	
T.P.	1.78	122.90	9.85	121.12
	4+00			
30' Rt.		1.7	121.20	
9.8 Rt. = edge Walk.		1.75	121.15	
5.13" on cb.		1.86	121.04	
5.13" " Gut.		2.33	120.57	
℄		2.23	120.67	
12.5' Lt.		2.10	120.80	
25' Lt. on Gut.		2.23	120.67	
25' Lt. on cb.		1.82	121.08	
29.8' Lt. on Walk		1.76	121.14	

at 4+00 on Rt.

	122.90		
32' Lt.		1.9	121.00
58' "		20.4	102.50
67' "		22.9	100.00
75' Lt.		23.4	99.50
	4+25		
75' Lt.		22.8	100.10
67' Lt.		21.1	101.80
55' "		18.8	104.10
34' "		2.9	120.00
31' Lt. on Walk.		2.91	119.99
27' Lt. " cb.		2.95	119.95
27' Lt. " Gut.		3.32	119.58
13.5' Lt.		3.19	119.71
℄		3.61	119.29
33' Rt. on Gut.		3.70	119.20
3.30' " " cb.		3.32	119.68
7.9' " Walk.		3.14	119.76
35 Rt.		2.9	120.00
	4+50		
35' Rt.		3.9	119.00
7.4' Rt. on Walk.		3.97	118.93
2.8' " " cb.		4.03	118.87
2.8' " " Gut.		4.51	118.39
℄		4.46	118.44
13.7' Lt.		4.17	118.73
27.4' Lt. on Gut.		4.24	118.66

27.4' Lt. on cb.	3.74	119.16
31.9 " " Walk	3.68	119.22
34' Lt.	3.7	119.20
54' Lt.	17.7	105.13
62' Lt.	20.4	102.50
67' Lt. on Edge Con Driveway	21.11	101.79
75' " " " " "	22.80	101.10

LEVELS on Con Drive Way Location on Page 2
Stations are from B. to Point F.

11.75' Lt. of B.	6.63	116.27
℄ = B.	7.00	115.90
11.75' Rt.	7.50	115.40
0+38 = Point C Section at Rt. Δ to C.D.		
5' Rt. on edge Drive	11.0	111.90
℄ "	11.12	111.78
5' Lt. of ℄	10.88	112.02
0+91		
5' Lt.	18.81	104.09
℄	19.08	103.82
5' Rt.	19.07	103.83
Section E = 10'		
5' Lt. of ℄	21.93	100.97
℄	22.24	100.66
5' Rt. " ℄	22.57	100.33
Point D = 1+10.9 = Δ Rt. 52°03'		
D.	21.41	101.49

122.90

1+34

5' Lt. on Drive	24.28	98.62
℄ " "	24.36	98.54
5' Rt. " "	24.40	98.50
2+00.9 = Point F		
5' Rt. on Drive	31.7	91.20
℄ " "	31.7	91.20
5' Lt. " "	31.7	91.20
4+75		
75' Lt.	20.5	102.40
69' "	18.83	104.07
56' Lt.	18.1	104.80
48' "	16.2	106.70
33' "	4.2	118.70
31.25' Lt. on Walk	4.41	118.49
26.7' " on cb.	4.56	118.34
26.7 " " Gut.	5.01	117.89
13.35'	5.00	117.90
℄	5.26	117.64
3.5' Rt. on Gut.	5.30	117.60
3.5' " " cb.	4.85	118.05
7.1' Rt. " Walk.	4.78	118.12
28' "	4.8	118.10
36' Rt.	1.6	121.30
5+00		
35' Rt.	2.8	125.10

		122.90		
31' Rt.			+1.7	124.60
23' Rt.			5.5	117.40
10.2' Rt. on Walk			5.65	117.25
5.5' " " cb.			5.70	117.20
5.5' " " Gut.			6.15	116.75
℄			6.05	116.85
12.3' Lt.			5.79	117.11
24.6' " on Gut.			5.83	117.07
24.6' " " cb.			5.35	117.55
29.35" " Walk.			5.27	117.73
31' Lt.			5.2	117.70
47' Lt.			15.1	107.80
61' Lt.			15.5	107.40
66' Lt.			17.2	105.70
5+25				
70' Lt.			14.8	108.10
57 Lt.			13.0	109.90
53' Lt.			11.2	111.70
41 "			10.2	112.70
26.1 Lt. on Walk.			5.93	116.97
21.45" " cb.			6.06	116.84
21.45' " " Gut.			6.51	116.49
10.72"			6.62	116.28
℄			6.85	116.05
9.0' " on Gut.			7.09	115.81
9.0' " " cb.			6.62	116.28

		122.90			
13.7' Rt. on Walk			6.56	116.34	
23' "			6.3	116.60	
32' "			+5.3	128.20	
42 "			+7.3	130.20	
5+50					
38' Rt.			+8.4	131.30	
29' Rt.			4.3	118.60	
22' Rt.			7.1	115.80	
18.4' Rt. on Walk.			7.43	115.47	
13.6' " " cb.			7.48	115.42	
13.6' " " Gut.			7.93	114.97	
℄			7.66	115.24	
8.55' Lt.			7.62	115.28	
17.10' " on Gut. in Drive Way.			7.52	115.38	
21.7' Lt. on Walk. on Driveway.			6.94	115.96	
40' Lt. " " "			7.39	115.51	N.W.Y. edge
50' " at Rock Wall on Ground			9.0	113.90	
5+75					
50' Lt.			7.8	115.10	
40' "			5.7	117.20	
33' Lt.			5.9	117.00	
T.P.	0.02	116.58	6.34	116.56	on Fire Hydt. on Rt. [illegible] of Coast. Blvd.
16.5' Lt. on Walk.			1.70	114.88	
11.9 " " cb.			1.86	114.72	
11.9 " " Gut.			2.31	114.27	
℄			2.18	114.40	

9.67 Rt.	2.19	114.39
19.35 " on Gut.	2.33	114.25
19.35 " " cb.	1.90	114.68
24' Rt. on	1.87	114.71
35' Rt.	1.0	116.58
41' Rt.	+2.0	118.58
45 "	+17.0	133.58
cb. Return #1	=40.7'	
cb. P.C. top cb.	1.53	115.05
" " on Gut.	1.99	114.59
Part 1 " "	2.49	114.09
" 1 " cb.	2.03	114.55
Part 2 " "	2.57	114.01
" 2 " Gut.	3.08	113.50
" 3 " cb.	2.95	113.63
" 3 " Gut.	3.48	113.10
cb. E.C. on cb.	3.18	113.40
" " " " Gut.	3.73	112.85
6+00		
47' Rt.	+0.7	117.28
37 "	2.9	114.28
29.75' Rt. on Walk	2.64	113.94
25.25 " " cb.	2.69	113.89
25.05' " " Gut.	3.17	113.41
20' Rt.	2.98	113.60
10' Rt.	3.11	113.47

℄	3.89	113.19
10' Lt.	3.65	112.93
22.9' " on Gut.	3.65	112.93
22.9' " " cb	3.08	113.50
41.3' Lt. = 0+00 of Const. Blvd X. Section	2.5	114.08
6+25		
42.6' Lt. = Section 0+00	4.7	111.88
17.0' " = edge Pav. = Sec. A'	4.39	112.19
3' "	4.81	111.77
℄	4.58	112.00
10' Rt.	4.16	112.42
20' Rt.	3.87	112.71
30.80' " on Gut. in Drive	3.98	112.60
35.6 Rt. " Walk.	3.44	113.14
50' "	3.1	113.48
6+43.9 = End. Comb. Side Walk on Rt.		
6+50		
50' Rt.	4.5	112.08
36.3' Rt. on cb.	4.26	112.32
36.3' " " Gut.	4.75	111.83
30' Rt.	4.61	111.97
20' Rt.	4.82	111.76
10' "	5.43	111.15
0.8' " on Gut.	5.87	110.71
0.8' " " cb.	5.49	111.09
5.5' Lt of ℄ on Walk.	5.18	111.40

Sketch on P. 2

44.4' Lt. Sec. 0+00	3.7	112.88
Section #1 = 42.17' on Bar. see Page 2		
cb. BC, on cb.	3.18	113.40
" " " Gut.	4.73	111.85
℄ " P.V.	3.87	112.71
℄ " "	4.32	112.26
℄ " "	4.68	111.90
cb. PC, on Gut.	5.32	111.26
" " " cb.	5.06	111.52
cb. Return #2 = 38.45' 3 Parts.		
Part. 1 on cb.	5.44	111.14
" 1 " Gut.	5.79	110.79
" 2 " "	6.28	110.30
" 2 " cb.	5.78	110.80
" 3 = PCC on cb.	6.16	110.42
" 3 = " " " Gut.	6.77	109.81
Section on ℄ Exist. Culvert.		
77' Rt. = beg. 18" Con. Pipe	11.14	105.44
77' "	8.8	107.78
67' "	7.0	109.58
57' Rt.	6.7	109.88
51' "	4.7	111.88
40.27' Rt. on cb.	5.10	111.48
40.27' " " Gut.	5.77	110.81
25.07' Rt.	5.87	110.71
9.87' " on Gut.	7.33	109.25

9.87' Rt. on cb.	6.38	110.20
5.07 " " Walk	6.38	110.20
℄	9.8	106.78
7.25 Lt. = ∠ Rt. 24°50'	16.0	100.58
57' " on top Corrugated Iron Pipe	36.6	79.98
92' "	44.2	72.38
6+75		
50' Lt.	20.6	95.98
13' "	16.1	100.48
℄	8.3	108.28
4.6' Rt. on Walk	6.16	110.42
8.4' Rt. on cb.	6.37	110.31
8.4' " " Gut.	7.09	109.49
20' Rt.	6.07	110.51
30' "	5.63	110.95
39.20' Rt. on Gut.	5.90	110.68
39.20' " " cb.	5.23	111.35
51' Rt.	5.1	111.48
65' Rt.	6.6	109.98
7+00		
55' Rt.	6.3	110.28
50' "	6.5	110.08
47' "	5.6	110.98
38.10' Rt. on cb.	5.90	110.68
38.10' " " Gut.	6.39	110.19
30' Rt.	6.37	110.21

20' Rt.	6.61	109.97
8.25' Rt. on Gut.	7.15	109.43
8.25' " " ch.	6.72	109.86
3.6' " " Walk.	6.62	109.96
℄	10.2	106.38
200' Lt.	25.2	91.38
40' "	35.2	81.38
47' "	36.0	80.58
60' "	31.4	85.18
7+25		
70' Lt.	38.0	78.58
60' "	41.5	75.08
51' "	40.2	76.38
40' "	34.0	82.58
3' Lt.	7.4	109.18
1.45' Lt. on Walk.	7.07	109.51
3.4' Rt. on ch.	7.21	105.37
3.4' " " Gut.	7.66	108.92
10' Rt.	7.47	109.11
20' Rt.	7.14	109.44
32.5' Rt. on Gut	7.26	109.32
32.5' " " ch.	6.82	109.76
42' Rt.	6.5	110.08
45' "	7.1	109.48
52' "	3.8	112.8
57' "	+9.2	125.78

7+50		
52' Rt.	+9.3	125.88
45' "	-6.0	110.58
41' "	8.0	108.58
28.6' Rt. on ch.	7.70	108.88
28.6' Rt. on Gut.	8.18	108.40
20' Rt.	8.08	108.50
10' Rt.	8.00	108.58
℄	8.27	108.31
1.62' Lt. on Gut.	8.31	108.27
1.62' " " ch.	7.87	108.71
6.35' Lt. on Walk	7.75	108.83
10' Lt.	7.5	109.08
40' "	24.9	91.68
69' "	38.0	78.58
7+75		
50' Lt.	21.1	95.48
40' "	16.4	100.18
25' "	9.2	107.38
10.15' Lt. on Walk.	8.44	108.14
5.47' " " ch.	8.53	108.05
5.47' " " Gut.	9.00	107.58
℄	8.82	107.76
12.37' Rt.	8.84	107.74
24.74' " on Gut.	9.14	107.44
24.74' " " ch.	8.68	107.90

116.58

38' Rt.			9.4	107.18
49' "			17.2	125.78
	8+00			
44' Rt.			15.3	121.88
36' "			9.4	107.18
21.60' Rt. on cb.			9.72	106.86
21.60' " " Gut.			10.15	106.43
10' Rt.			9.86	106.72
℄			9.86	106.72
8.75' Lt. on Gut.			10.08	106.50
8.75' " " ℄			9.60	106.98
13.5' " " Walk			9.51	107.07
35' Lt.			10.4	106.18
40' "			13.4	103.18
T.P.	2.79	108.83	10.54	106.04

= Rg. Cypress Hedge on Lt. 2' Lt. ℄

8+25 = W'LY' Line of Stucco House on Lt.

40.2' Lt. at House		3.7	105.13
16.0' " on Walk		2.97	105.86
11.4' " " cb.		3.05	105.78
11.4' " " Gut.		3.52	105.31
5.7' "		3.27	105.56
℄		3.21	105.62
9.45' Rt.		3.30	105.53
18.9' Rt. on Gut.		3.53	105.30
18.9' " " cb.		3.04	105.79
30' Rt.		3.0	105.83

108.83

38' Rt.		8.7	117.53

{End Cypress Hedge} Con. Apron

8+50' = W'LY' edge. Dble. Garage on W. Gr. Floor.

34 Rt.		6.2	115.03
32' "		1.0	109.83
25' "		4.2	104.63
16.7' " on cb.		4.35	104.48
16.7' " " Gut.		4.81	104.02
8.35'		4.51	104.32
℄		4.50	104.33
6.60' Lt.		4.53	104.30
13.20' " on Gut.		4.82	104.01
17.9' Lt. on Walk - toe Apron.		1.40	104.43
25' " " Drive W'ly.		5.48	103.35
40.3' " " " " of Garage		5.30	103.53
8+65 = ℄LY' Line Dble Garage on Lt.		5.30	103.53

40.3' Lt. ℄ 10" dia.

8+75 = ℄ Plumosa Palm Tree on Lt. 10' High.

39.8' Lt.		6.63	102.20
33' "		5.1	103.73
22' " of Palm Tree		5.6	103.23
19.2' " on Walk		5.50	103.33
13.5' " cb.		5.75	103.08
13.5' Lt. " Gut.		6.31	102.52
6.75' " " Dr.		6.03	102.80
℄		6.04	102.79
7.7' Lt.		6.12	102.71
15.4' " on Gut.		6.14	102.69

		10883			
15.4' Rt. on Cb.			5.80	103.03	
20' Rt.			6.0	102.83	
26' Rt.			3.1	105.73	
30' Rt.			0.0	108.83	
34' "			+4.0	112.83	
T.P.	4.00	105.41	7.42	101.41	Nail in Pole 9+00 on Lt.
			Gar Floor.	Con. Drive	Walk 10' Wide
	1+82.5 = ℄ Stucco Garage on Left in front of Residence.				
19.67 Lt. on edge Walk = ℄ Drive			2.92	102.49	
27' Lt. " Drive.			3.42	101.99	
41.4' Lt. " " at Garage			3.21	102.20	
	8+96.3 = ℄ Plumoso Palm		3.9 on Left.	22.6' Lt.	10' High 8" dia.
	9+18 = " " " "		5.0 Left.	17.5' Lt.	6" dia. 8' high
					Garage 12' wide, drive 9' wide
	9+11.5 = ℄ Garage on Lt. on Drive. Gar Floor.				
35' Rt.			+2.0	107.41	
25' Rt.			-2.2	103.21	
15' " on Cb.			4.84	100.57	
15' " " Gut. on Patch.			5.16	100.25	
7.5' Rt.			5.12	100.29	
℄			5.01	100.40	
7.5' Lt.			5.02	100.39	
15' " on Gut. in Drive			5.23	100.18	
19.67' Lt. on Walk			4.72	100.69	
43' " on Garage Floor.			4.46	100.95	
		9+25			
40' Lt.			6.5	98.91	
19.67' Lt. on Walk			5.7	99.71	

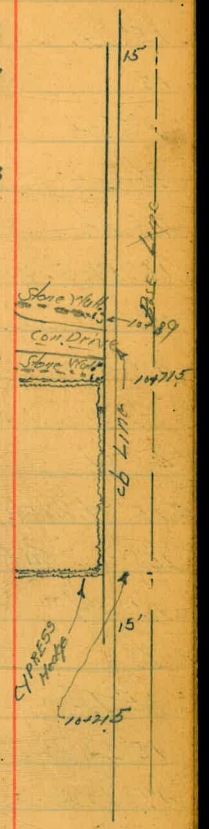
		10541			
15" Lt. on Cb.			5.72	99.67	
15" " " Gut.			6.20	99.21	
7.5' Lt.			6.02	99.39	
℄			5.96	99.45	
7.5' Rt.			6.04	99.37	
15' Rt. on Gut.			6.29	99.12	
25' Rt. " Cb.			5.82	99.59	
30' Rt.			5.8	99.61	
25' Rt.			3.7	101.71	
31' Rt.			+0.2	105.61	
35' Rt.			+0.8	106.21	
		9+50			
35' Rt.			-0.9	104.51	
25' Rt.			5.9	99.51	
20' Rt.			7.7	97.71	
15' Rt. on Cb.			7.54	97.87	
15' Rt. " Gut.			8.02	97.39	
7.5' Rt.			7.93	97.48	
℄			7.83	97.58	
7.5' Lt.			7.95	97.46	
15' " on Gut.			8.17	97.34	
15' " " Cb.			7.58	97.83	
19.67' Lt. " Walk			7.58	97.83	
40' Lt.			8.4	97.01	
		9+75			
40' Lt.			9.8	95.61	

105.41

27' Lt.	9.7	95.71
19.67' Lt. on Walk	9.33	96.08
15' Lt. on Cb.	9.34	96.07
15' " " Gut.	9.85	95.56
75' Lt.	9.63	95.78
℄	9.58	95.83
75' Rt.	9.63	95.78
15' Rt. on Gut.	9.76	95.65
15' " " Cb.	9.28	96.13
25' Rt.	8.2	97.21
52' Rt.	+2.0	107.41
10+00		
40' Rt.	3.4	102.01
30' Rt.	3.8	101.61
27' Rt.	10.8	94.61
15' Rt. on Gut. in Drive	11.55	93.86
7.5' Rt.	11.37	94.04
℄	11.34	94.07
7.5' Lt.	11.38	94.03
15' Lt. on Gut.	11.61	93.80
15' Lt. " Cb.	11.13	94.28
19.67' Lt. on Walk	11.11	94.30
24' Lt.	10.8	94.61
29' Lt.	13.1	92.31
40' Lt.	12.8	92.61
T.P. 0.91 93.78	12.54	92.87

93.78

10+25		
40' Lt.	6.6	87.18
30' Lt.	5.4	88.38
19.67' Lt. on Walk	1.22	92.56
15' Lt. " Cb.	1.25	92.53
15' " " Gut.	1.75	92.03
7.5' Lt.	1.52	92.26
℄	1.41	92.37
7.5' Rt.	1.50	92.28
15' Rt. on Gut. in Drive.	1.62	92.16
38' Rt.	1.2	92.58
10+64' = Brok. in Cb.		
40' Rt.	2.8	90.98
15' Rt. on Cb.	3.27	90.51
15' " " Gut.	3.72	90.06
7.5' Rt.	3.48	90.30
℄	3.38	90.40
7.5' Lt.	3.48	90.30
15' Lt. on Gut.	3.83	89.95
15' " " Cb.	3.37	90.41
19.67' Lt. on Walk	3.29	90.49
25' Lt.	8.7	85.08
20' Lt.	9.4	84.38
10+70		
40' Lt.	10.5	83.28
30' Lt.	9.6	84.18



19.67' Lt. on Walk	3.95	89.83
15' Lt. " cb.	4.00	89.78
15' " " Gut.	4.52	89.26
7.5' Lt.	4.35	89.43
℄	4.19	89.59
7.5' Rt.	4.28	89.50
15' Rt. on Gut.	4.50	89.28
15" " cb.	4.05	89.63
40' Rt.	3.7	90.08
10+75 = N'ly edge Drive Way		
40' Rt.	3.9	89.88
15' Rt. on cb.	4.30	89.48
15" " Gut.	4.75	89.03
7.5' Rt.	4.50	89.28
℄	4.49	89.29
7.5' Lt.	4.64	89.14
15' Lt. on Gut. in Drive	4.74	89.04
19.67' Lt. on Drive	4.30	89.48
70' Lt.	14.4	79.34
10+89 = S'ly edge Drive Way		
70' Lt.	14.4	79.34
19.67' Lt. on Drive on Walk	4.92	88.86
15' Lt. on cb.	4.95	88.83
15" " Gut.	5.43	88.35
7.5' Lt.	5.33	88.45
℄	5.26	88.52

7.5' Rt.	5.30	88.48	
15' Rt. on Gut. in Drive Way.	5.50	88.28	
40' Rt.	4.90	88.88	
11+00			
40' Rt.	5.4	88.38	
15' Rt. on cb.	5.56	88.22	
15" " Gut.	6.02	87.76	
7.5' Rt.	5.79	87.99	
℄	5.76	88.02	
7.5' Lt.	5.86	87.92	
15' Lt. on Gut.	5.98	87.80	
15' Lt. " cb.	5.49	88.29	
19.67' Lt. on Walk	5.51	88.27	
40' Lt.	17.0	76.78	
50' Lt.	19.4	74.38	
11+15 By Cypress Trees on Lt. (20 trees)	17.7	76.08	See sketch P-3. 40' Lt.
11+24 at House	18.4	75.38	43.5' Lt.
11+50 at House	18.4	75.38	44' Lt.
11+68 at end of Trees	19.1	74.68	41' Lt.
11+50.			
44' Lt. at House	18.4	75.38	
35' Lt.	15.6	78.18	
19.67' Lt. on Walk	7.49	86.29	
15' Lt. on cb.	7.48	86.30	
15' Lt. on Gut.	7.98	85.80	
7.5	7.74	86.04	

9378

℄	7.71	86.07
7.5' Rt.	7.86	85.92
15' Rt. on Gut.	8.04	85.74
15' " " cb.	7.57	86.21
40' Rt.	6.1	87.68
11+61		
40' Rt.	7.7	86.08
26' Rt.	8.6	85.18
23' Rt.	7.6	86.18
15' Rt. on cb.	8.02	85.76
15' " " Gut.	8.53	85.25
7.5' Rt.	8.34	85.44
℄	8.11	85.67
7.5' Lt.	8.20	85.58
15' Lt. on Gut.	8.44	85.34
15' " " cb.	7.92	85.86
19.67' Lt. on cb.	7.86	85.92
33' Lt.	15.9	77.88
41' "	19.0	74.78
11+75 = Brk. in cb on Lt.		
42' Lt.	20.6	73.18
23.5 Lt. at Brick Walk Landing	12.0	81.78
23.5 " on Landing	8.2	85.58
19.67' Lt. on Walk	8.31	85.47
15' Lt. on cb.	8.44	85.34
15' Lt. " Gut.	8.87	84.91
7.5' Lt.	8.69	85.09

9378

℄	8.64	85.14	
7.5' Rt.	8.86	84.92	
15' Rt. on Gut.	9.16	84.62	
15' " " cb.	8.64	85.14	
20' Rt.	8.6	85.18	
27' "	11.9	81.88	
40' Rt.	12.5	81.28	
T.P. on Inlet cleanout. 92.03 − 8.99	10.74	83.04	2' Rt. of Rt. cb. at Elizabeth St.
12+00			
55' Rt.	20.4	71.63	
37' "	20.0	72.03	
21' "	7.6	84.43	
15' Rt. on cb.	7.99	84.04	
15' " " Gut.	8.52	83.51	
7.5' Rt.	8.34	83.69	
℄	7.96	84.07	
7.5' Lt.	8.20	83.83	
15' Lt. on Gut.	8.38	83.65	
15' " " cb.	7.82	84.21	
19.67' Lt. on Walk.	7.68	84.35	
21' Lt.	7.7	84.33	
50' "	27.5	64.53	
70' Lt.	31.4	60.63	
12+07 = Brk. in cb.			
15' Rt. on cb.	8.25	83.78	
15' " " Gut.	8.79	83.24	

15' Lt. on Gut.	8.75	83.28
15' " " cb.	8.18	83.85
Levels on Exist. Culvert in Elizabeth St.		
0 - 20'	21.0	71.03
0+00 on flow 18" Vit. Pipe	23.6	68.43
1+149 = End Culvert.	38.6	53.43
Corrugated Iron 2' dia.		
12+25		
72' Lt.	38.6	53.43
70' "	35.0	57.03
50' "	29.0	63.03
40' "	24.7	67.33
21' "	8.7	83.33
19.67' " on Walk.	8.78	83.25
15' Lt. " cb.	9.00	83.03
15' " " Gut.	9.43	82.60
7.5' Lt.	9.23	82.80
℄	8.97	83.06
7.5' Rt.	9.25	82.78
15' Rt. on Gut.	9.44	82.59
15' " " cb.	8.91	83.01
21' Rt.	8.8	83.23
40' "	18.9	73.13
60' "	20.5	71.53
12+50		
60' Rt.	16.8	75.23

37' Rt.	17.1	74.93
22' Rt.	8.7	83.33
15' Rt. on cb.	9.09	82.94
15' " " Gut.	9.61	82.42
7.5' Rt.	9.24	82.79
℄	9.09	82.94
7.5' Lt.	9.17	82.86
15' Lt. on Gut.	9.44	82.59
15' " " cb.	8.92	83.11
19.67' " " Walk.	8.76	83.27
21' Lt.	8.7	83.33
43' Lt.	26.7	65.33
63' "	27.2	64.83
Sketch Levels on cb Inlets A^2 and A^3. Page 4		
A^2 on cb.	8.94	83.09
A^2 " Gut.	9.66	82.37
A^3 " "	9.76	82.27
A^3 " cb.	9.08	82.95
12+70		
61' Lt.	24.0	68.03
44' Lt.	21.3	70.73
21' Lt.	8.9	83.13
19.67' Lt. on Walk.	8.67	83.36
15' " " cb.	8.86	83.17
15' " " Gut.	9.45	82.58
7.5' Lt.	9.07	82.96

℄	8.97	83.06
7.5' Rt.	9.14	82.89
15' Rt. on Gut.	9.46	82.57
15' " " cb.	8.95	83.08
22' Rt.	8.5	83.53
27' Rt.	10.4	81.63
33' "	9.3	82.73
35' "	7.7	84.33
50' Rt.	5.5	86.53
13+00		
40' Rt.	1.0	91.03
30' "	2.2	89.83
26' Rt.	8.6	83.43
15' Rt. on cb.	8.69	83.34
15' " " Gut.	9.19	82.84
7.5' Rt.	8.93	83.10
℄	8.82	83.21
7.5' Lt.	8.89	83.14
15' " on Gut.	9.19	82.84
15' " " cb.	8.70	83.33
19.8' " " Walk	8.49	83.54
22' Lt.	8.8	83.23
28' "	14.1	77.93
39' Lt.	16.5	75.53
55' Lt.	15.2	76.83
13+25		

50' Lt.	10.8	81.23
39' "	12.1	79.93
25' "	8.8	83.23
19.8' on Walk	8.41	83.62
15' Lt. on cb.	8.61	83.42
15' " " Gut.	9.08	82.95
7.5' on	8.79	83.24
℄	8.75	83.28
7.5' Rt.	8.87	83.16
15' Rt. on Gut.	9.06	82.97
15' " " cb.	8.58	83.45
23' Rt.	8.3	83.73
29' "	+0.5	92.53
40' "	+2.7	94.73
13+50		
40' Rt.	+2.0	94.03
32' "	+0.5	92.53
25' "	7.4	84.63
14.9' Rt. on cb.	8.38	83.65
14.9' " " Gut.	8.96	83.13
7.45' Rt.	8.73	83.30
℄	8.65	83.38
7.55' Lt.	8.73	83.30
15.1' Lt. on Gut.	8.97	83.06
15.1' " " cb.	8.48	83.55
19.7' " " Walk	8.35	83.68

30' Lt.	9.3	82.73
40' "	8.9	83.13
13+75		
50' Lt.	5.7	86.33
28' "	7.4	84.63
35' "	8.6	83.43
19.7' " on walk.	8.33	83.70
15' Lt. on cb.	8.45	83.58
15' " " Gut.	8.89	83.14
7.5' " " Pl.	8.25	83.38
℄	8.52	83.51
7.5' Rt.	8.59	83.44
15' Rt. on Gut.	8.75	83.28
15' " " cb.	8.25	83.78
25' Rt.	7.5	84.53
30' "	0.0	92.03
40' "	+2.6	94.63
14+00		
45' Rt.	+5.5	97.53
37' Rt.	+2.5	94.53
25' "	7.4	84.63
14.9' Rt. on cb.	8.11	83.92
14.9' " Gut.	8.64	83.39
7.45' "	8.39	83.64
℄	8.38	83.65
7.55' Lt.	7.48	84.55

15.1' Lt. on Gut.	8.79	83.24
15.1' " " cb.	8.35	83.68
19.8' " " walk.	8.27	83.76
25' "	8.2	83.83
29' "	5.2	86.83
45' "	4.8	87.23
14+25		
45' Lt.	3.7	88.33
29' "	3.6	88.43
25' "	7.6	84.43
19.67' Lt. on walk.	8.15	83.88
15' " " cb.	8.24	83.79
15' " " Gut.	8.70	83.33
7.5' Lt.	8.35	83.68
℄	8.18	83.85
7.5' Rt.	8.15	83.88
15' " on Gut.	8.31	83.72
15' " " cb.	7.79	84.24
23' Rt.	7.2	84.83
30' "	+5.2	97.23
40' "	+7.6	99.63
14+50		
40' Rt.	+9.0	101.03
30' "	+7.6	99.63
23' "	7.2	84.83
14.55' Rt. on cb.	7.69	84.34

14.55' Rt. on Gut.	8.21	83.82
7.12 "	8.05	83.98
℄	8.10	83.93
7.6' Lt.	8.24	83.79
15.2' " on Gut.	8.32	83.51
15.2' " " ch.	8.08	83.95
19.8' " " Walk	8.01	84.02
25' "	7.2	84.83
28' "	2.3	89.73
40' Lt.	1.7	90.33
14+75		
40' "	2.8	89.23
28' "	3.0	89.03
25' "	7.1	84.93
20.6' Lt. on Walk	7.84	84.19
15.9' " " ch.	7.91	84.12
15.9' " " Gut.	8.37	83.66
7.75' "	8.06	83.97
℄	7.90	84.13
6.85' Rt.	7.91	84.12
13.65' " on Gut.	8.06	83.97
13.65' " " ch.	7.56	84.47
23' Rt.	6.4	85.63
27' "	+3.7	95.73
40' "	+4.7	96.73
15+00		

40' Rt.			3.0	89.03
23' "			6.6	85.43
12.15' Rt. on ch.			7.46	84.57
12.15' " " Gut.			7.93	84.10
6.07 Rt.			7.72	84.21
℄			7.73	84.30
8.72' Lt.			7.86	84.17
17.45' " on Gut.			8.27	83.76
17.45' " " ch.			7.85	84.18
21.0' Lt. on Walk			7.77	84.26
27' "			7.8	84.23
40' "			8.2	83.83
T.P.	4.21	88.51	7.73	84.30
15+15				
52' Lt.			14.8	73.71
38' Lt.			12.0	76.51
26' Lt.			4.7	83.81
23.3' Lt. on Walk			4.27	84.24
18.6 Lt. on ch.			4.32	84.19
18.6' " " Gut.			4.73	83.78
93' "			4.37	84.14
℄			4.26	84.25
5.5' Rt.			4.33	84.18
11' Rt. on Gut.			4.45	84.06
11' " " ch.			3.97	84.54
17' "			3.5	85.01

28' Rt.	6.0	82.51
40' "	4.2	84.31
Levels This Section Good for Culvert Ext. if Needed		
15+25		
40' Rt.	5.5	83.01
27' Rt.	8.2	80.31
22' Rt. on Flow Line	8.87	79.64
14' Rt.	4.1	84.41
10' Rt. on cb.	3.95	84.56
10' " " Gut.	4.49	84.02
℄	4.24	84.27
9.8'	4.33	84.18
19.6' Lt. on ℄	4.79	83.72
19.6' " " cb.	4.34	84.17
24.27' " " Walk.	4.28	84.23
35' Lt. on Flow	12.08	76.43
52' Lt	14.5	74.01
15+50		
45' Lt.	6.0	82.51
27.4' " on Walk.	4.08	84.43
22.6' " " cb.	4.18	84.33
22.6' " " Gut.	4.67	83.84
11.3' "	4.11	84.40
℄	4.08	84.43
7.15 Rt on Gut.	4.23	84.28
7.15' " " cb.	3.73	84.78
14' Rt.	3.5	85.01

20' Rt.	6.1	82.41
40' "	5.3	83.21
15+75		
40' Rt.	0.4	88.11
27' "	1.4	87.11
14' "	3.7	84.81
3.6' Rt. on cb.	3.60	84.91
3.6' " " Gut.	4.10	84.41
℄	3.97	84.54
10' Lt.	3.95	84.56
21' Lt.	4.16	84.35
29.3 Lt. at cb. Returns on Gut.	4.95	83.56
29.3' " " " " " cb.	4.52	83.99
52' Lt.	5.85	82.66

Returns in 4 Parts — Sketch P-5

Levels on cb. Returns #3 and No 4 at Princess St.

P.C.C #3 on cb.	4.22	84.29
P.C.C "3 " Gut.	4.67	83.84
Part 1 " "	4.84	83.67
Part 1 " cb.	4.43	84.08
Part 2 " "	4.97	83.54
" 2 " Gut.	5.40	83.11
" 3 " "	6.13	82.38
" 3 " cb.	5.63	82.88
E.C. " "	6.46	82.05
E.C " Gut.	6.86	81.65
P.C. Return #4 on cb.	6.45	82.06

P.C. Return #4 on Gut.	6.84	81.67
Part 1 on cb.	5.02	83.49
" 1 " Gut.	5.49	83.02
" 2 " "	4.36	84.15
" 2 " cb.	3.92	84.59
" 3 " "	3.03	85.48
" 3 " Gut.	3.51	85.00
PCC " "	2.97	85.54
PCC " cb.	2.43	86.08

Section Parallel to Princess St
15+90.55 = Section NLY. of Line Princess St.

57.8' Lt. on Gut.	6.86	81.65
50' "	6.38	82.13
40' "	5.43	83.08
30' "	4.47	84.04
20' "	3.94	84.57
10' "	3.82	84.69
℄	3.95	84.56
1.20' Rt. on Gut.	3.95	84.56
1.20' " " cb.	2.49	86.02
13' Rt.	3.0	85.51
16' "	0.3	88.21
35' "	+4.7	93.21

16+05.55 Section on And Parallel to ℄ Princess St

35' Rt.	+7.8	96.31
25' "	+7.0	95.51
17' "	+5.2	93.71

10' Rt.	2.0	86.51
℄	3.3	85.21
140' Lt. on cb.	3.34	85.17
140' " " Gut.	3.81	84.70
10' Lt.	3.57	84.94
20' "	3.72	84.79
30' "	4.08	84.43
40' "	4.71	83.80
50' "	5.36	83.15
58.35' = opp E.C. on West	6.01	82.50

16+21.33 = Section on and Parallel to E'ly cb Princess St

64.9' Lt. at P.C. Return #2	6.84	81.67
60' "	6.35	82.16
50' "	5.37	83.14
40' "	4.57	83.94
30' "	4.01	84.50
20' "	3.63	84.88
10' "	3.38	85.13
℄	3.53	84.98
140' Rt. on Gut.	3.59	84.92
140' " " cb.	3.11	85.40
6' "	1.7	86.81
13' "	1.6	86.91
20' Rt	+4.1	92.61
40' "	+8.0	96.51

16+40 Section St. ▷ to Base Line

		85.51	88.51
35' Rt.		+5.4	93.91
15' Rt.		1.6	86.91
4.4 Rt. on cb.		2.72	85.79
4.4' " "Gut.		3.23	85.28
℄		3.10	85.41
10' Lt.		3.10	85.41
20' "		3.44	85.07
30' "		3.96	84.55
40' "		4.74	83.77
45.6' Lt. at cb Return #4 on Gut		5.27	83.24
45.6' " " " " "4" cb.		4.83	83.68
	16+75		
75' Lt.		5.5	83.01
50' "		4.1	84.41
25.9' " on Walk		2.17	86.34
21.3' " " cb		2.21	86.30
21.3' " "Gut		2.73	85.78
10.65' Lt.		2.27	86.24
℄		1.15	86.36
8.9' Rt. on Gut.		2.43	86.08
8.9' " " cb		1.89	86.62
24' "		2.0	86.57
40' "		4.0	84.51
	16+91.2 = ℄ Exist. Culvert		
40' Rt.		4.2	84.31
19.5' " on Flow Line		4.84	83.67

		85.51	88.51
19.5' Rt. on top Hd. wall		1.43	87.08
10.5' " " "cb & Inlet #5		1.45	87.06
10.5" " "Gut" " "		2.12	86.39
5.25" " Pav.		1.75	86.76
℄		1.74	86.77
9.8' Lt.		2.07	86.44
19.6" on Gut of Inlet #4		2.78	85.73
19.6" " cb. " " "		1.87	86.64
24.4" " Walk		1.94	86.57
75' "		4.9	83.61
T.P.	8.66 9598	92.98	87.32
	17+00		
11.3 Rt. on cb.		8.63	87.35
11.3' " "Gut		9.11	86.87
5.65"		8.94	87.04
℄		8.96	87.02
9.35' Lt.		9.25	86.73
18.7' " on Gut		9.45	86.53
18.7' " " cb		8.89	87.09
23.4" " Walk		8.82	87.16
	17+25		
75' Lt.		10.0	85.98
50' "		9.1	86.88
30' "		9.2	86.78
21.4' " on Walk		7.69	88.29
16.7' " " cb		7.70	88.28

27

3' Wide

	92.98	95.98
16.7' Lt. on Gut.	8.26	87.72
8.35 " " Pr.	7.94	88.04
℄	7.72	88.24
6.6 Rt	7.66	88.32
13.2' " on Gut.	8.02	87.96
13.2' " " cb.	7.55	88.43
24' "	8.3	87.68
40' "	8.9	87.08
17+65		
45 "	+7.7	103.68
35' "	+6.5	102.48
27' "	+1.1	97.08
24' "	4.8	91.18
14.8' Rt. on cb.	5.37	90.61
14.8' " " Gut.	5.82	90.16
7.4"	5.61	90.37
℄	5.56	90.42
7.6' Lt.	5.70	90.28
15.2' " on Gut.	5.95	90.03
15.2' " " cb.	5.44	90.54
19.9' " " Walk.	5.37	90.61
26' "	6.8	89.18
75' "	7.6	88.38
18+00		
75' Lt.	5.8	90.18
55' "	4.8	91.18

	92.98	95.98		
19.5' Lt. on Walk		3.51	92.47	
14.9' " " cb.		3.55	92.43	
14.9' " " Gut.		4.12	91.86	
7.45' Lt.		3.86	92.12	
℄		3.74	92.24	
7.55' Rt.		3.80	92.18	
15.1' " on Gut.		4.06	91.92	
15.1' " " cb.		3.67	92.31	
22' Rt.		3.7	92.28	
25' "		0.0	95.98	
40' "		+1.8	97.78	
18+25				
40' Rt.		+1.0	96.98	
26' "		+0.2	96.18	
22' "		1.9	94.08	
15.1' " on cb.		2.36	93.62	
15.1' " " Gut.		2.82	93.16	
7.53' Rt.		2.56	93.42	
℄		2.45	93.53	
7.35' Lt.		2.52	93.46	
14.7' " on Gut.		2.76	93.22	
14.7' " " cb.		2.23	93.75	
19.4' Lt. on Walk		2.16	93.82	
45' "		3.4	92.58	
75' "		4.6	91.38	
T.P	10.12	104.90 101.90	9478 1.20	91.78 on Pole on Rt. 18+30

	101.90	104.90		97.81 / 4.95 / 92.86
18+50				
7.5' Lt.		12.4	92.5	
45' "		10.9	94.0	
19.26' Lt = top Walk		9.79	95.11	
14.6' " = " cb.		9.86	95.04	
14.6 " " Gut.		10.41	94.49	
7.3' Lt.		10.22	94.68	
℄		10.15	94.75	
7.5' Rt.		10.24	94.66	
15' " on Gut.		10.52	94.38	
15' " " cb.		10.02	94.88	
25' Rt.		9.8	95.10	
30' "		7.6	97.30	
40' "		7.3	97.60	
18+45 = ℄ Acacia Tree 35' Rt.		7.5	97.48	5" dia
18+53 = " Euc. " 31' Rt.		7.5	97.40	6" dia
18+59 = " Real Estate office 40.8' Rt. Wood Foundation		6.8	98.10	Semi stucco 14' Front x 25'
18+66 = " Acacia Tree 31' on Rt.		6.8	98.10	4" dia.
18+75				
40' Rt.		5.9	99.00	
29' "		6.9	98.00	
24' "		8.3	96.60	
15.10' Rt. on cb.		8.68	96.22	
15.10" " Gut.		9.19	95.71	
7.5' Rt.		8.99	95.91	
℄		8.86	96.04	

	101.90	104.90	
7.25' Lt.		9.90	95.00
14.50 " on Gut.		9.16	95.74
14.50 " " cb.		8.63	96.27
19.2 " " Walk		8.58	96.32
45' "		9.8	95.10
75' "	? 18+89.42	12.2	92.70
		Note, Section Parallel to Hillside Dr.	
15+89.42 = Section at P.C.'s of Hillside Dr. on Rt. and Lt.			
75' Lt.		11.7	93.20
45' Lt.		9.6	95.30
19.25' Lt. on Walk		7.92	96.98
14.65" " cb.		8.00	96.90
14.65" " Gut.		8.54	96.36
7.32' Lt.		8.19	96.71
℄		8.14	96.76
7.59' Rt.		8.27	96.63
15.15" on Gut.		8.39	96.51
15.15" " cb.	97.81 / 3.25 / 94.56	7.92	96.98
25' Rt.		6.8	98.10
40' "		5.2	99.70
75' "		1.1	103.80
19+00.65 = N'ly cb. Line Hillside Dr. Section Parallel to Hillside			
75' Rt. on cb		1.17	103.73
75' " " Pav.		1.93	102.97
27.3' " "		6.91	97.99
26.3" " E.C. on cb.		6.27	98.63
24.7 = on ℄ Grating		7.09	97.81

	101.90	104.90	
15' Rt.		7.73	97.17
35' "		7.77	97.13
℄		7.65	97.25
8.6' Lt.		7.72	97.18
23.7' " on P.C. Return #5 on Par.		8.80	96.10
35.7' " " " " " " " cb.		8.43	96.47
75' Lt. on cb.		11.73	93.17
75' " " Par.		12.20	92.70
LEVELS on cb Returns at Hillside Dr.			
P.C. Return #5 on cb.		7.99	96.91
" " " " " Par.		8.54	96.36
Part 1 " " " "		8.35	96.55
" 1 " " " cb.		8.03	96.87
" 2 " " " "		8.14	96.76
" 2 " " " Par.		8.49	96.41
E.C. " " "		8.80	96.10
" " " " on cb.		8.43	96.47
P.C. Return #6 on cb.		7.91	96.99
" " " " " Par.		8.39	96.51
Part 1 " " " "		7.88	97.02
" 1 " " " cb.		7.43	97.47
" 2 " " " "		6.87	98.03
" 2 " " " Par.		7.37	97.53
E.C. " " " "		7.11	97.79
" " " " cb.		6.27	98.63
P.C. Return #7 on Par.		6.57	98.33

98.63
-5.8
92.83

	101.90	104.90	
P.C. Return #7 on cb.		5.74	99.16
Part 1 " " " "		5.80	99.10
" 1 " " " Par.		6.53	98.37
" 2 " " " "		6.47	98.43
" 2 " " " cb.		5.79	99.11
E.C. " " " "		5.76	99.14
E.C. " " " Par.		6.28	98.62
P.C. Return #8 on Par.		8.18	96.72
" " " " " cb.		7.55	97.35
Part 1 " " " "		7.30	97.60
" 1 " " " Par.		7.65	97.25
" 2 " " " "		7.18	97.72
" 2 " " " cb.		7.00	97.90
P.C.C. " " " "		6.75	98.15
" " " " " Par.		6.87	98.03
Rod on Flow 24" Pipe 24.7' Rt.		12.05	92.85
" " " 16" " 24.7' "		10.56	94.34
" " " 16" " 28.7' Rt.		8.58	96.32
19+15.9 = ℄ Hillside Dr. Section Parallel to Hillside Dr.			
75' Rt. on Par.		1.04	103.86
25.65' Rt on Par.		6.37	98.53
15' " " "		7.13	97.77
9.4' " " "		7.03	97.87
℄ on copper tack in Par.		6.97	97.93
9.7' Lt. on Par.		7.05	97.85
25' " " "		7.96	96.94

30

at Return #6

" " #6

" " #7

Bk Line Sta. 19+15.9

	101.90	104.90
75' Lt.	11.69	93.21
19+30.80 = 52½' ℄ Line Hillside Section Parallel to Hillside		
75' Lt. on ℄	11.52	93.38
75' " "Gut.	12.01	92.89
25.5' Lt. on PC. Return #8 on ℄	7.56	97.34
25.5' " " " " " " Pav.	8.17	96.73
15' "	6.85	98.05
8.8' "	6.30	98.60
℄	6.25	98.65
9.3' Rt.	6.32	98.58
15' Rt.	6.54	98.36
25.3' Rt. on PC #7 Return on Pav.	6.57	98.33
25.3' " " " " " " ℄	5.74	99.16
30' Rt. on ℄	5.74	99.16
30' " " Pav.	6.79	98.11
32.6' " "	6.46	98.44
32.6' " ℄	5.70	99.20
75' " " "	0.67	104.23
75' " " Pav.	1.37	103.53
19+39.67 = opp. E.C. Return #7 Section Parallel to Hillside		
75' Rt.	0.3	104.60
32' "	4.8	100.10
15.15' Rt. on E.C. Return #7 on ℄	5.75	99.15
15.15' " " " " " #7 " Pav.	6.27	98.63
9.3' Rt.	6.09	98.81
℄	5.93	98.97

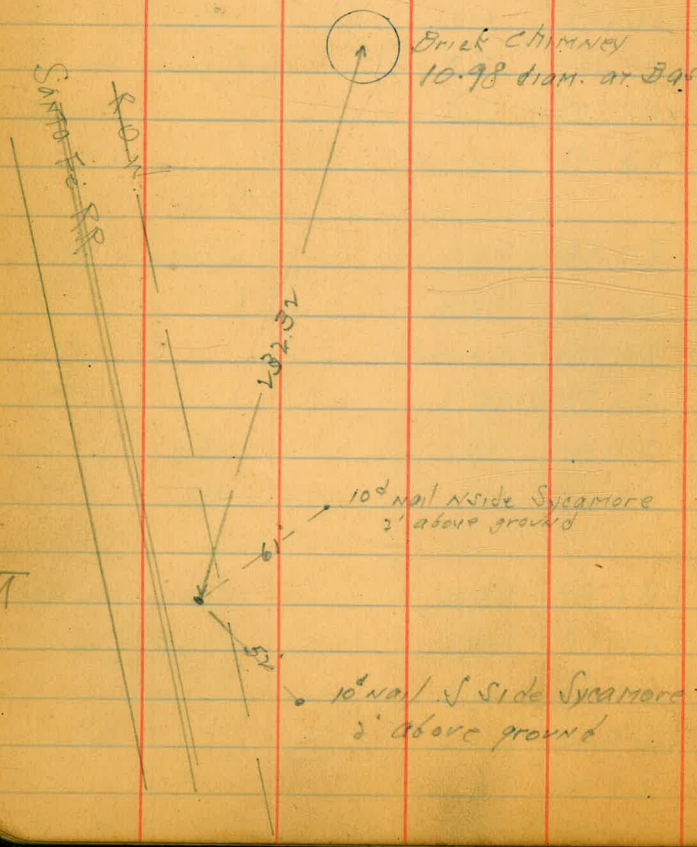
	101.90	104.90
8.8' Lt.	5.94	98.96
15' " at ℄ on Pav.	6.77	98.13
15' " " " " ℄	6.58	98.32
75' Lt.	11.1	93.80
19+50.9 Section Rt. ∆ to Base Line		
75' Lt.	10.8	94.10
21' Lt.	6.8	98.10
18.85' Lt. on Walk	5.45	99.45
14.2' " on ℄	5.46	99.44
14.2' " " Pav.	6.03	98.87
8.7' Lt.	5.69	99.31
℄	5.58	99.32
9.35' Rt. edge Pav.	5.83	99.07
15' "	5.7	99.20
21' "	5.3	99.60
32.2' " at Cypress Hedge	3.9	101.00
45' "	2.1	102.80
75' "	+2.0	106.90
19+60.9		
9.3' Rt. on edge Pav.	5.67	99.23
℄	5.33	99.57
8.65' Lt.	5.24	99.66
15' " at ℄ on Pav.	5.55	99.35
15' " " " " ℄	4.91	99.99
19+70.9 = Base Line = 0+00 Rt. Way Line. Section on split of ∆		diag dist. = 150.48
75.24' Lt.	10.5	94.46
60' Lt.	8.7	96.20

~~101.90~~		104.90
32' Lt.	6.7	98.20
25.61' " on Walk	4.95	99.95
20.9' " " cb.	4.92	100.70
20.9' " " Pav.	5.57	99.33
12' "	5.02	99.88
℄ Rt. of Way	5.19	99.71
6' Rt. on edge Pav.	5.35	99.55
17' Rt.	5.0	99.90
20' "	4.1	100.80
26' "	3.8	101.10
28.3' " at cypress Hedge	2.5	102.40
34' Rt.	1.2	103.70
75.24' Rt.	+3.7	108.60
0+10		
7.0' Rt. on edge Pav.	5.22	99.68
℄	5.02	99.88
11.1' Lt. "	4.82	100.08
22.55' " "	5.78	99.12
22.55' " cb.	5.12	99.78
27.4' " " Walk.	5.16	99.74
0+20		
30.44' Lt. on Walk	5.56	99.34
25.5' Lt. on cb.	5.49	99.41
25.5' " Gut.	6.14	98.76
10.20 Lt.	4.65	100.25
℄	4.87	100.03

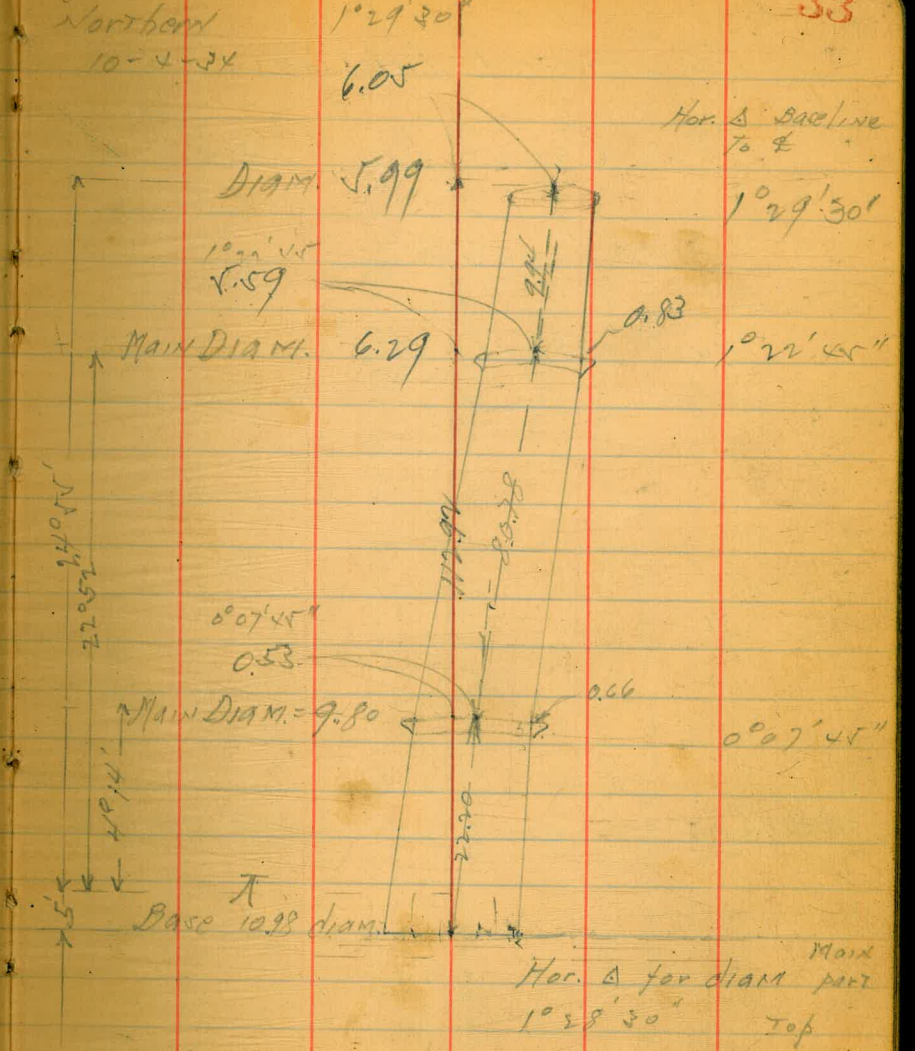
~~101.90~~		104.90
8.10' Rt. on edge Pav.	5.17	99.73
0+30		
9.0' Rt. on edge Pav.	5.15	99.75
℄ " "	4.82	100.10
9.0' Lt. " "	4.62	100.28
30.5' Lt. on "	6.48	98.42
30.5' " " cb.	5.98	98.92
~~355~~' " " Walk	6.10	
TP	6.97	97.93 C.T. P-30

Data on Old Leaning Chimney Rose Canon. Brick Yard.

Brick Construction
Built about 1885
according to Mex. Lab.
at Brickyard South.



Moore Sisson Northern
10-4-34



Indexed
C.S.K.

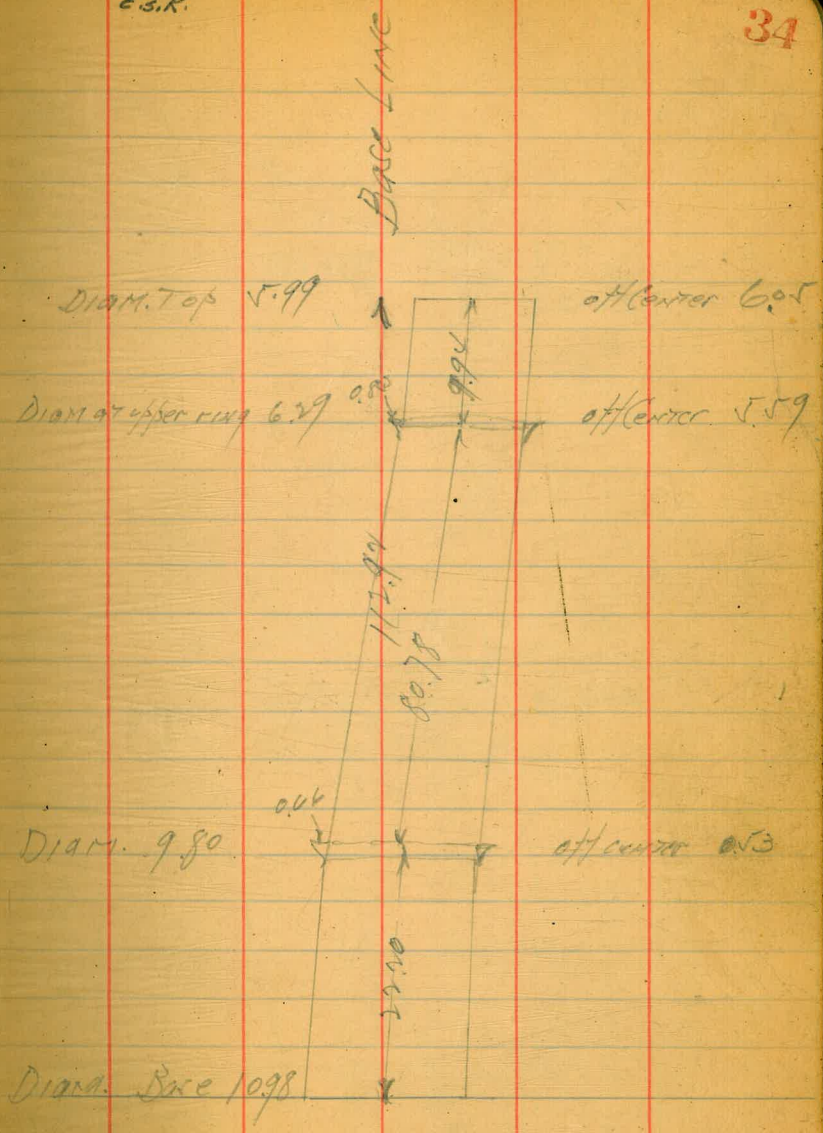
Old Leaning Brick Yard Chimney

Rose Cañon Brick Yard.

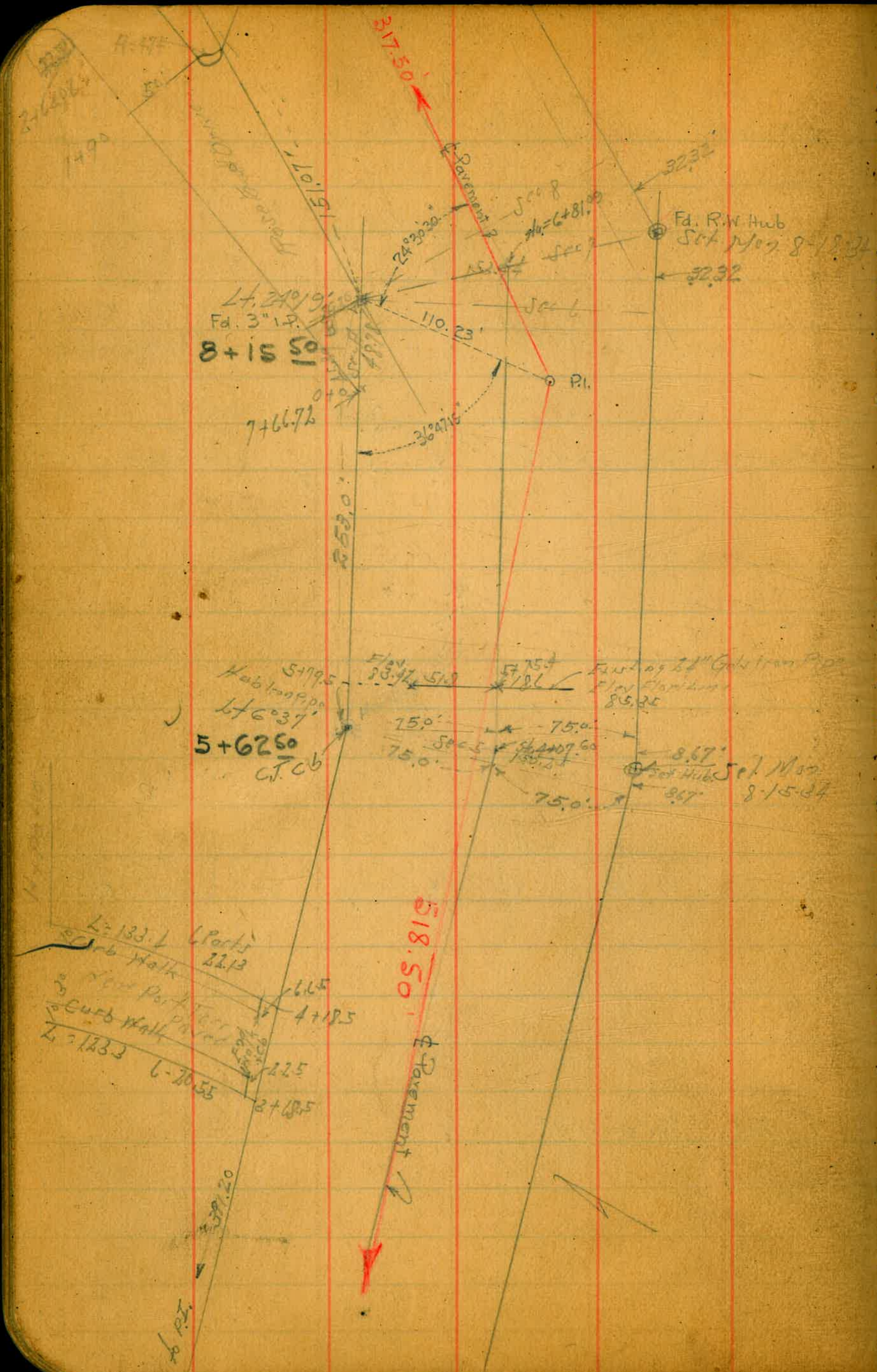
Brick Construction

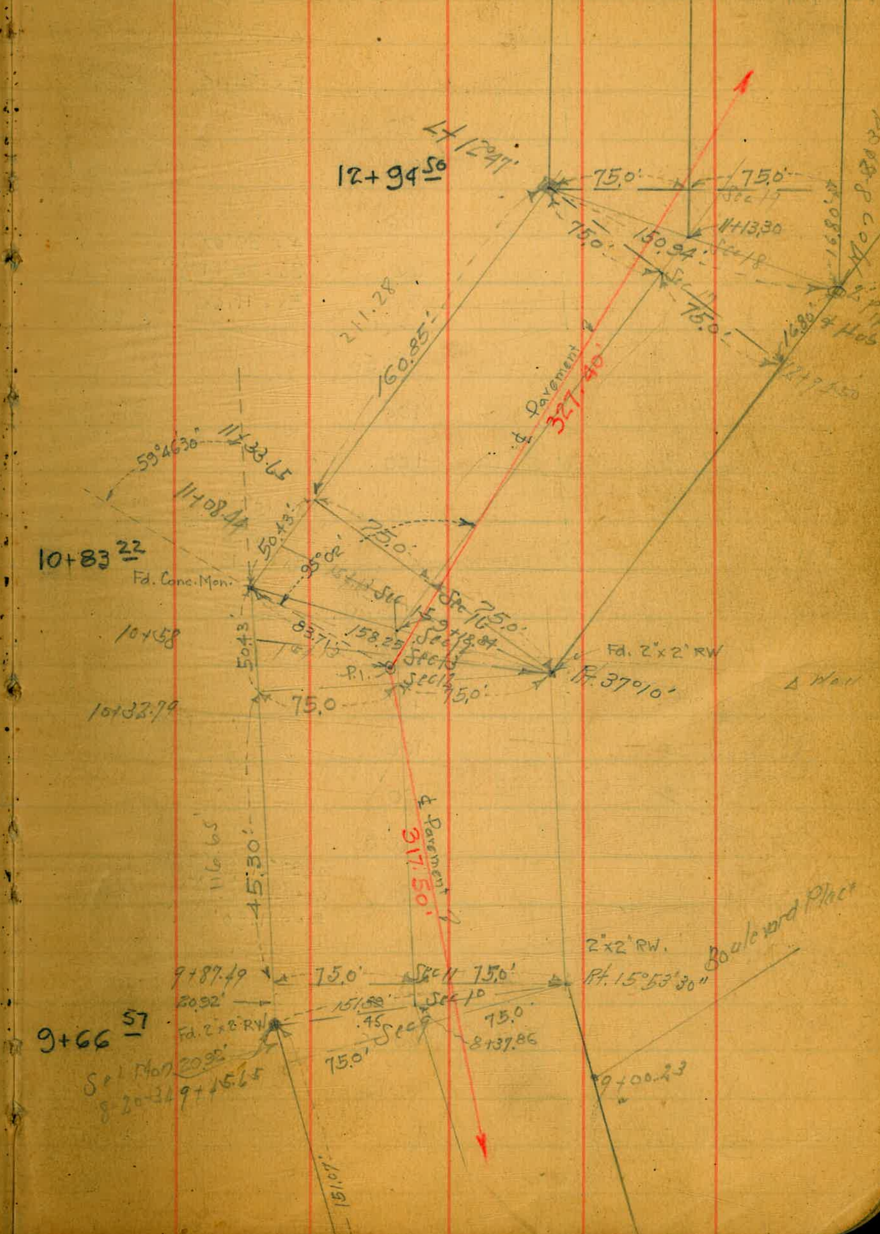
Built about 1885

Moore
Sissons
Northport
10-4-24



continued on pg. 37

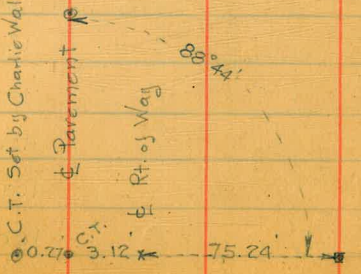




Jaeger
Bailey
Clarert
Morgan
} Oct. 1st 1929

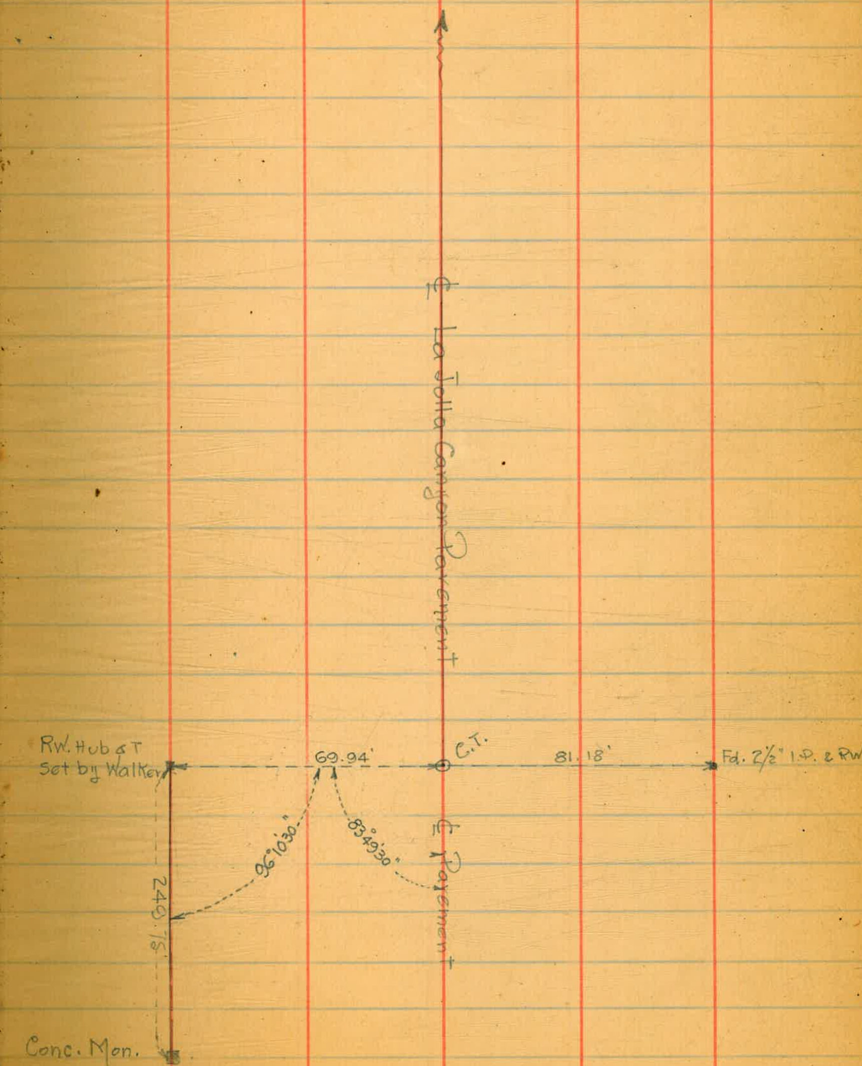
Sta.	Slope Dist.	V.A.	Hor. Dist.	Defl. ∠	Total Dist. P.I.-P.I
				Δ = 38°40' } Lt. 2Δ = 77°20' Ex = 21.12'	
P.I.					▲ Nail
			27.40'		
			100'		327.40' ✓
			100'		
			100'	Δ = 39°07' } Rt. 2Δ = 78°14' Ex = 11.66'	
P.I.					▲ Nail
			17.50		
			100'		317.50' ✓
			100'		
			100'	Δ = 15°13' } Lt. 2Δ = 30°26'	
P.I.				Ex = 7.43'	▲ C.T.
			18.50		
			100'		
			100'		518.50' ✓
			100'		
			100'		
			100'		
				Δ = 37°31' } Rt. 2Δ = 75°03' Ex = 11.90'	
P.I.					▲ Nail
			150.15'		150.15' ✓
P.I.					▲ C.T.

C.T. Set by Charlie Walker

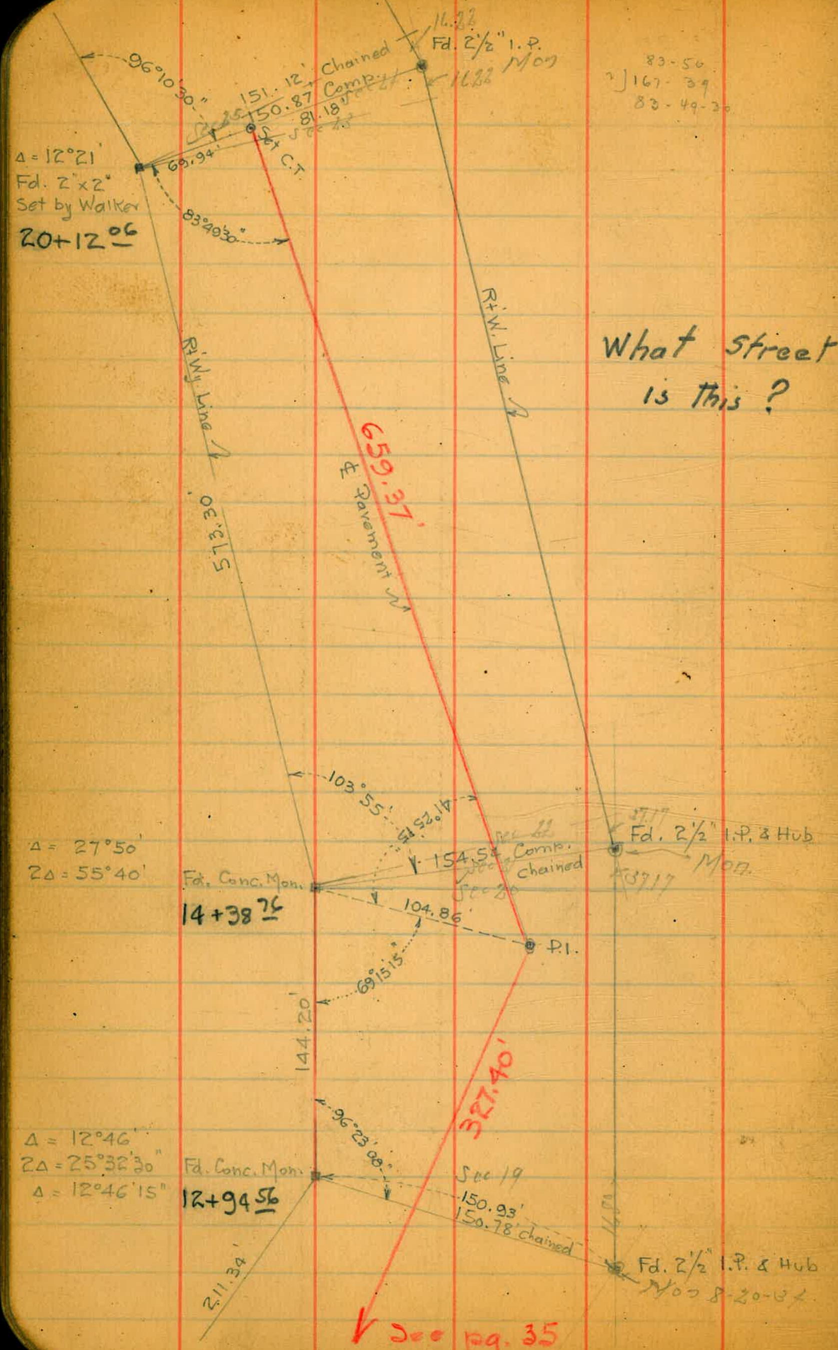


See pg. 6

STA	Slope Dist.	V.A.	Hor. Dist.	Defl. ∠	Total Dist. P.I. – P.I.
△					△
			59.37'		
			100'		
			100'		651.90'
			100'		
			100'		
			100'		
			100'		



151.1N
69.94
81.18



What Street is this?

See pg. 35

X-Section Torrey Rd. from a point 55' South of ℄ Hillside Drive = 0+00
All Sections are Rt & To Northly Rt Way Line except on Angle points being on Splits. Stationing carried on Northly Rt. Way Line.

Sta		+	H.I.	−	Elev.
N.E. B.P. Prospect & College					187.88
		0.74	188.62		
	T.P.			13.20	175.42
		0.66	176.08		
	T.P.			12.94	163.14
		0.04	163.18		
	T.P.			12.65	150.53
		0.71	151.24		
	T.P.			13.07	138.17
		0.67	138.84		
	T.P.			12.80	126.04
		0.47	126.51		
	T.P.			10.60	115.91
Top of Fire Hydr.		0.86	116.77	0.17	
	T.P.			13.04	103.73
		0.98	104.71		
	T.P.			12.90	91.81
		0.34	92.15		
	T.P.			6.24	85.91
		3.05	88.96		
	T.P.			0.92	88.04
		10.75	98.79		

Sta		+	H.I.	−	Elev.
	T.P.			0.32	98.47
		4.90	103.37		
Copper Tack				5.39	97.98
	T.P.			10.55	92.82
		4.05	96.87		
	T.P.			10.46	86.41
		0.81	87.22		
	T.P.			10.60	76.62
		1.43	78.05		
	T.P.			9.21	68.84
		3.30	72.14		
	T.P.			11.99	60.15
		2.07	62.22		
Set B.P. NE. Cor Torrey & Calle de la Plata	T.P.			7.53	54.69
		12.26	66.95		
	T.P.			0.30	66.65
		10.19	76.84		
	T.P.			0.32	76.52
		12.09	88.61		
	T.P.			0.65	87.96
		8.83	96.79		
	T.P.			1.02	95.77
		8.59	104.36		
Copper Tack	T.P. ℄ Hillside Dr. & Torrey			6.37	97.99

Sta		+	H.I.	−	Elev
		1.25	99.24		
	T.P.			11.13	88.11
		5.53	93.64		
	T.P.			7.11	86.53
		12.63	99.16		
	T.P.			0.21	98.95
		13.14	112.09		
	T.P.			0.02	112.07
		11.58	123.65		
	T.P.			0.32	123.33
		12.39	135.72		
	T.P.			0.14	135.58
		13.00	148.58		
	T.P.			0.30	148.28
		13.03	161.31		
	T.P.			0.15	161.16
		11.68	172.84		
	T.P.			0.12	172.72
		12 30	185.02		
	T.P.			0.11	184.91
		10.03	194.94		
B.M. NE. BP Prospect & College				7.06	187.88 ✓

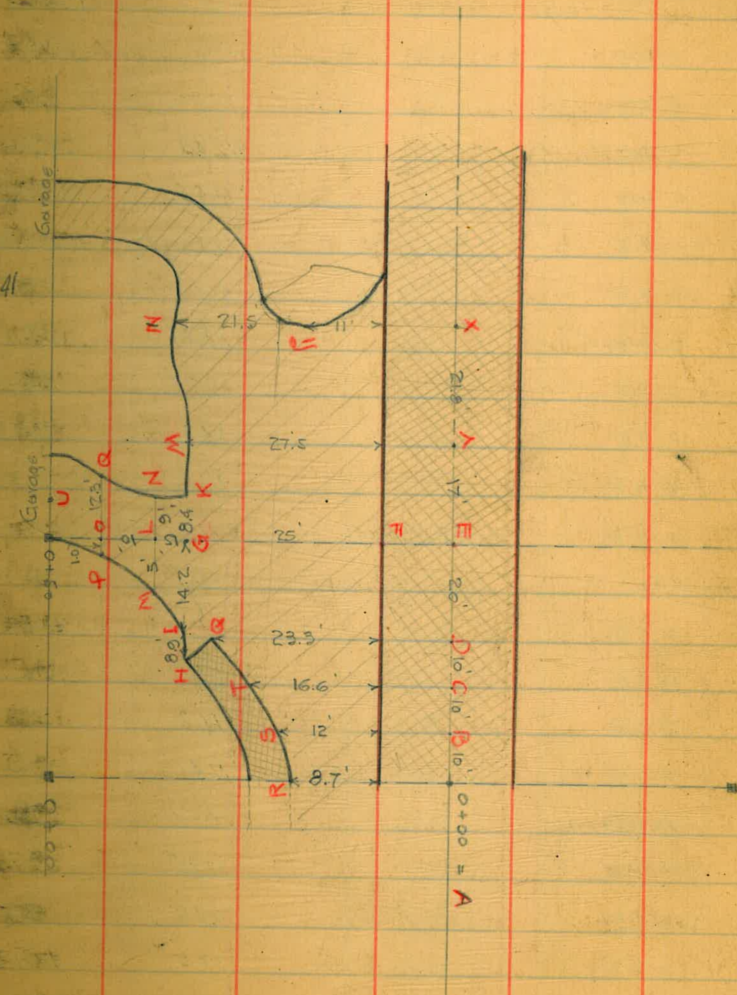
Sta		+	H.I.	−	Elev.
Copper Tack & Hillside Dr. & Torrey P. Rd.					97.98
		0+00			
		12.38	110.36 ✓		
0				15.8	94.56
+16'				14.1	96.26
+45'				11.9	98.46
+50'	N. Edge Side Walk			10.35	100.01
+55'	S. Curb Top			10.33	100.03
	✓ Bott.			10.98	99.38
+73'	℄ Pavement			10.54	99.84
+82'	S.L. "			10.78	99.58
+93'				10.4	99.96
+104'				7.9	102.46
+110'				6.5	103.86
+150'	S.L.			1.7	108.66
+160'				0.4	109.96
		0+50			
+160'				+ 0.8	111.16
+150'				0.0	110.36
+112'				4.9	105.46
+108'				5.4	104.96
+98'				8.7	101.66
+93'				10.1	100.26
+94'				10.5	99.86
✓	28-E Bott.			11.1	99.26
✓	✓ Top			8.7	101.66

Sta		+	H.I.	−	Elev.
+87.5'	S.L. Pavement		110.36	10.80	99.56
+78.5'	℄ "			10.46	99.90
+70'	N.L. "			10.09	100.27
+46'				11.83	98.53
✓	20-W Curb Bott. } End S.W.			12.00	98.34
✓	✓ " Top }			11.53	98.83
+41'				12.31	98.05
B.M. ℄ Hillside Dr. Torrey P. Roads		12.56	110.54		97.98 ← Page 41
+2.5	on Conc Drive			13.12	97.42
+10	" " "			14.27	96.27
0 = N.W. Line	" " "			15.83	94.71
		+75			
75' Lt of ℄				15.7	94.8
55 "				14.0	96.5
32 "	on Edge Drive			12.14	98.30
15 "	" Conc Dr.			10.91	99.63
3.8 "	= Edge Paving			10.48	100.06
℄	on "			10.67	99.87
14.8 Rt =	Edge Paving			11.48	99.06
24 "				11.3	99.2
26 "				8.8	101.7
36 "	= Cypress Hedge			5.3	105.2
54 "				3.3	107.2
75 "				0.3	110.2

1+06.03 = ℄ on Rt.

Note: Right or South of Cypress Hedge is Many Trees & Shrubs

Sta	+	H.I.	−	Elev.



Torrey Pines Road

110.54

Sta	+	H.I.	−	Elev.
75' Rt			2.07	98.47 on Hub
45 Rt = Cypress Hedge			6.2	104.3
35' "			10.1	100.4
32' "			12.8	97.7
21.8' " = Edge Paving			12.93	98.01
0.7' " = " "			11.00	99.54
℄			11.0	99.5
12' Lt			10.6	99.9
27' " = Edge Conc Dr			13.37	97.17
38.5' " " " "			13.72	96.82
50' "			14.9	95.6
75' "			17.2	93.3
	1+38.66 = Sec 1 on Diagonal 156.79			
78.4 Lt = NW ℄			18.6	91.9
50' "			15.9	94.6
35' "			13.8	96.7
10' "			11.2	99.3
℄			11.4	99.1
5' Rt = Edge Paving			11.54	99.00
26' " = " "			12.84	97.70
37' "			13.0	97.5
40' "			9.5	101.0
50' " = Cypress Hedge			6.6	103.9
70' "			4.6	105.9
98.4 = SE ℄			2.07	107.47

110.54

Sta	+	H.I.	−	Elev.
1+71.30 = Split of A-Sec 2				163.58 on Diag.
81.79' Rt = SE ℄			2.07	108.47 on Hub
65' Rt			4.5	106.0
55' Rt = Hedge			6.7	103.8
45' Rt			9.8	100.7
42' Rt			13.3	97.2
32' Rt = Edge Pav			13.22	97.32
10.2' " = " "			12.07	98.47
℄			12.0	98.5
12' Lt			12.2	98.3
23' Lt			15.0	95.5
50' Lt			17.6	92.9
81.79 Lt = ℄ on Lt			20.7	89.8
2+03.93 = Sec 3				156.79 on Diagonal
78.4 Lt			20.2	90.3
50' "			17.7	92.8
35' "			16.5	94.0
25' "			12.6	96.9
℄			12.5	98.0
4' Rt = Edge Pav			12.60	97.94
26' " = " "			13.70	96.84
37' "			13.5	97.0
40' "			11.5	99.0
50' " = Hedge			7.0	103.5
60' "			4.3	106.2

Torrey Pines Road

Sta		+	H.I.	−	Elev.
			110.54		
78.4	Rt			2.07	108.47
		2+31.57 = Opp Sec Pt. = Sec 4			
75	Rt			2.07	108.47
46	" = Hedge			7.0	103.5
36	"			10.3	100.2
33	"			13.8	96.7
21.4	" = Edge Pav			14.13	96.41
℄	on "			13.25	97.29
10	Lt = Edge "			13.17	97.37
21	"			15.2	95.3
40	"			15.7	94.8
50	"			18.3	92.2
75	"			20.6	89.9
TP	Nail & Angle Pole	12.94	113.29	10.21	100.33
		2+75			
75	Lt			24.1	89.2
65	"			22.4	90.9
50	"			23.1	90.2
28	"			22.0	91.3
15	"			17.2	96.1
8.1	" = Edge Pav			17.39	95.90
℄	on "			17.83	95.46
11.2	Rt = Edge "			18.46	94.83
24	"			18.1	95.2
25	"			16.2	97.1

Sta		+	H.I.	−	Elev.
			113.29		44
86	Rt = Cypress Hedge			11.3	102.0
50	Rt			8.5	104.8
75	Rt			3.1	110.2
TP		12.82	124.88	1.23	112.06
		3+0			
75	Rt			8.7	116.2
50	Rt			15.3	109.6
27	Rt = Hedge			21.8	103.1
22	Rt			27.8	97.1
21	Rt			29.7	95.2
81	Rt Edge Pav'mt			30.80	94.08
℄	on "			30.40	94.48
98	Lt = Edge "			29.95	94.93
17	Lt			30.0	94.9
26	Lt			35.0	89.9
31	Lt			36.2	88.7
32	Lt			37.8	87.1
56	Lt			37.9	87.0
65	Lt			36.5	88.4
75	Lt			37.0	87.9
		3+25			
75	Lt			40.5	84.4
65	Lt			40.0	84.9
50	Lt			41.3	83.6
25	Lt			41.2	83.7

Sta		+	H.I.	−	Elev.
			124.88		
34' Lt				39.1	85.8
27' Lt				38.1	86.8
17' Lt				30.8	94.1
11.2' Lt = Edge Paving				30.78	94.10
℄ on "				31.13	93.75
6.7' Rt = Edge "				31.43	93.45
17' Rt				30.4	94.5
19' Rt				27.4	97.5
29' Rt = Hedge				22.9	102.0
44' Rt				15.5	109.4
55' Rt				11.0	113.9
75' Rt				4.3	120.6
	8+50				
75' Rt				1.4	123.5
50' Rt				10.23	114.65
25' Rt = Hedge				21.5	103.4
21' Rt				26.0	98.9
19' Rt				31.0	93.9
5.1' Rt = Edge Pav.				31.77	93.11
℄ on "				31.51	93.37
12.8' Lt = Edge "				31.22	93.66
19' Lt				31.7	93.2
35' Lt				41.2	83.7
37' Lt				43.4	81.5
60' Lt				44.8	80.1

Sta		+	H.I.	−	Elev.
			124.88		
75' Lt				44.0	80.9
	8+68.5 = ½ L Newport Terr 50' Wide on Lt 10' cbs				
75' Lt				46.4	78.5
10' = Cb Line on top				47.34	77.54
Gutter				47.80	77.04
55' Lt				45.8	79.1
40' Lt				45.2	79.7
35' Lt				40.6	84.3
19' Lt				32.0	91.9
14' Lt = Edge Paving				31.65	93.23
℄ on "				31.87	93.01
3.9' Rt = Edge "				32.01	92.87
22' Rt				31.5	93.4
35' Rt = Hedge				21.4	103.5
50' Rt				11.6	113.3
75' Rt				0.5	124.4
	8+93.5 = ℄ of Newport Terr				
75' Rt				0.6	124.3
50' Rt				12.9	112.0
34' Rt = Hedge				23.5	101.4
22' Rt				31.3	93.6
3.4' Rt = Edge Paving				32.06	92.82
℄ on "				32.01	92.87
15.6' Lt = Edge "				31.94	92.94
21' Lt				32.2	92.7

Sta	+	H.I.	−	Elev.
		124.88		
39' Lt			426	81.3
41' Lt			456	79.3
75' Lt			478	77.1
80' Lt = Edge Paving			4767	77.2[illegible]
4+18.5 = F.L. Newport Terr				
{F.Cb. End 8" H of NL on Top Cb			4830	76.68
Gutter on Paving}			48.66	76.22
75' Lt			477	77.2
44' Lt			462	78.7
42' Lt			437	81.2
28' Lt			326	91.3
1.73 Lt = Edge Paving			3220	92.68
℄ on			32.13	92.75
1.0 Rt = Edge			3214	92.74
20' Rt			31.3	93.6
25' Rt			265	98.4
35 Rt = Hedge			217	103.2
50' Rt			14.0	110.9
75' Rt			2.4	122.5
4+50				
75' Rt			2.9	122.0
TP	10.15	√ 123.01	12.02	112.86
49' Rt			11.5	111.5
31' Rt = Edge			19.8	103.2
25' Rt			22.4	100.6

Sta	+	H.I.	−	Elev.
		√ 123.01		
19' Rt			29.6	93.4
℄			30.4	92.6
1.4 Lt = Edge Paving			30.57	92.44
19.4' Lt = " "			30.70	92.31
26' Lt			30.5	92.5
40' Lt			37.7	85.3
48' Lt			39.0	84.0
51' Lt			43.4	79.6
75' Lt			44.1	78.9
TP on Stub S.L.	4.30	117.89	9.42	113.59
	4+75			
75' Lt			37.8	80.1
50' Lt			38.5	78.4
40' Lt			34.2	83.7
27' Lt			25.7	92.2
21' Lt = Edge Paving			25.78	92.11
3' Lt = " "			25.64	92.25
℄			25.7	92.2
17' Rt			24.9	93.0
34 Rt = Hedge			14.5	103.4
51' Rt			6.8	111.1
75' Rt			+4.6	122.5
	5+0			
75' Rt			+3.0	120.9
57' Rt			5.4	111.5

		117.89			
40' Rt = Hedge			11.9		106.0
35' Rt			15.7		102.2
23' Rt			25.5		92.4
℄			25.8		92.1
4.6 Lt = Edge Pav			25.84		92.05
22.6 Lt = Edge Pav			25.94		91.95
28 Lt			25.9		92.0
43' Lt			35.1		82.8
75' Lt			36.8		81.1
5+25					
75' Lt			35.8		82.1
45' Lt			34.6		83.3
30' Lt			26.0		91.9
24' Lt = Edge Paving			26.03		91.86
6.1 Lt			25.94		91.95
℄			26.2		91.7
31' Rt			25.0		92.9
44 Rt = Hedge			13.3		104.6
75 Rt			0.0		117.9
5+50					
75' Rt			10.1		107.8
59' Rt			13.5		104.4
52' Rt			17.6		100.3
41' Rt			25.7		92.2
℄			26.4		91.5
7.7' Lt = Edge Pav			26.06		91.83

11-4-29

		117.89			
25.4 Lt = Edge Pav			26.09		91.80
31' Lt			26.0		91.9
44' Lt			33.5		84.4
75' Lt			35.0		82.9
Sec 5. 5+125 = Δ Lt 6°37' Taken on Split of Angle					
75' Lt			34.7		83.2
45' Lt			33.2		84.7
31' Lt			26.1		91.8
26.6' Lt = Edge Paving			26.07		91.82
8.7 Lt "			26.11		91.78
℄			26.4		91.5
50' Rt			26.2		91.7
59' Rt = Hedge					
TP	3.44	109.29	12.04	105.85	
75' Rt			8.9		100.4
5+80 Use for Drain					
96' Rt = Bottom + Center Gulch			14.0		95.3
75 Rt = End of Hedge			14.5		94.8
50' Rt			17.4		91.9
32 Rt			18.3		91.0
℄			17.6		91.7
7.6 Lt = Edge Pav			17.52		91.77
25.5 Lt =			17.67		91.62
31 Lt			17.1		92.2
51 Lt			25.1		84.2
75 Lt			25.1		84.2
6+0					

10929

75'Lt	242	85.1	
42'Lt	237	85.6	
30'Lt	173	92.0	
24.3 Lt - Edge Paving	17.99	91.30	
6.4 Lt " "	17.40	91.89	
℄	17.6	91.7	
49' Rt	17.5	91.8	
52' Rt	12.4	96.9	
75' Rt	10.5	98.8	
6+25			
75' Rt	+1.7	111.0	
50' Rt	-5.4	103.9	
46' Rt	17.5	91.8	
25' Rt	18.3	91.0	
℄	17.6	91.7	
54 Lt - Edge Paving	17.42	91.87	
23.3 " "	17.83	91.47	
28' Lt	17.8	91.5	
45' Lt	23.6	87.1	
75' Lt	23.5	85.8	
6+50			
75' Lt	22.2	87.1	
50' Lt	21.8	87.9	
30' Lt	18.2	91.1	
22.9 Lt - Edge Paving	17.98	91.51	
4.9 Lt " "	17.50	91.79	

10929

℄		17.5	91.8
42' Rt		18.0	91.3
18' Rt		3.2	106.1
TP	9.47	0.07	109.22
75' Rt		2.2	116.5
6+75			
75' Rt		+0.3	119.0
60' Rt		-6.6	112.1
49' Rt		11.1	107.6
40' Rt		26.6	92.1
℄		27.1	91.6
4.8 Lt - Edge Paving		27.05	91.64
22.1 Lt " "		27.36	91.33
63' Lt		30.9	87.8
71' Lt		30.0	88.7
75' Lt		29.2	89.5
7+00			
75' Lt		25.6	93.1
73' Lt		25.7	93.0
71' Lt		29.2	89.5
50' Lt		29.3	89.5
28.5 Lt - Edge Pav.		27.91	90.78
E.L.H. " "		27.6	91.13
℄		27.4	91.3
38' Rt		25.8	92.9
47' Rt		12.3	106.4

11/8/69

60' Rt	8.5	109.9	
75 Rt	27	116.0	
7+25			
75' Rt	4.5	114.2	
44 Rt	16.3	102.4	
32' Rt	26.2	92.5	
℄	28.0	90.7	
7.2 Lt - Edge Pav	28.06	90.63	
25.3 Lt - " "	28.52	90.17	
62' Lt	30.8	87.9	
71' Lt	29.9	88.8	
75 Lt	25.1	93.6	
7+50			
75' Lt	28.1	90.6	
71' Lt	31.2	87.5	
50' Lt	30.7	88.0	
27.5 Lt - Edge Paving	29.06	89.63	
9 Lt " " "	28.68	90.01	
℄	28.5	90.2	
17' Rt	27.8	90.9	
21' Rt	26.4	92.3	
30' Rt	25.5	93.2	
43' Rt	17.2	101.5	
Rt 10.82	11/9/12 10.39	108.80	
75' Rt	40	115.12	

7+66.22 - W.L. Roseland Drive

11/9/12

75' Rt	6.8	113.3	
45' Rt	17.4	101.7	
25' Rt	25.5	93.6	
25' Rt	25.5	93.6	
19' Rt	29.3	89.8	
℄	29.5	89.6	
12 Lt - Edge Paving	29.59	89.53	
30' Lt - " "	29.95	89.17	
60' Lt	33.0	86.1	
74 Lt	33.0	86.1	
75' Lt	31.1	88.0	
7+91			
90' Lt	35.9	83.2	
75' Lt	35.8	83.3	
38' Lt	30.6	88.5	
22' Lt - Edge Paving	30.85	88.77	
11.9 Lt - " "	30.02	89.10	
℄	30.5	88.6	
22' Rt	29.3	89.8	
28' Rt	24.6	94.5	
37' Rt	24.8	94.3	
18' Rt	17.8	101.3	
75 Rt	6.8	112.8	
8+15.5 = ℄ of Lt - Sta 6			
75' Rt	6.1	113.0	
45' Rt	17.1	101.4	

Torrey Pines Road

		11912		
38 Rt			23.5	95.6
28 Rt			24.0	95.1
21 Rt			29.2	89.9
℄			30.4	88.7
19.3 Lt = Edge Paving			30.56	88.56
37.5 Lt " "			31.10	88.02
44 Lt			31.5	87.6
56 Lt			35.6	83.5
75 Lt			36.1	83.0
100 Lt			38.0	81.1
		8+15.50 on Lt = Sec 7		
		3232 Aberdeen Rt On Split of [illegible] 153[illegible]		
100 Lt			38.0	81.1
76.72 Lt			36.1	83.0
64 Lt			36.7	82.4
55 Lt			37.5	81.6
44 Lt			31.3	87.8
40.1 Lt = Edge Paving			31.22	87.90
22.1 " " "			30.82	88.30
℄			29.9	89.2
21 Rt			28.1	90.7
27 Rt			23.4	95.7
38 Rt			22.8	96.3
46 Rt			16.8	102.3
76.72 Rt			5.66	113.46 on △ Hub on Rt
		8+15.5 on Lt = Sec 8		
95 Rt			8.7	110.4

		119.12		
55 Rt			15.9	103.2
48 Rt			22.0	97.1
34 Rt			22.3	96.8
21 Rt			29.3	89.8
℄			30.4	88.7
19 Lt = Edge Paving			31.12	88.00
37 Lt " " "			31.31	87.81
42 Lt			31.5	87.6
56 Lt			38.1	81.0
66 Lt			37.1	82.0
75 Lt			36.1	83.0
100 Lt			38.0	81.1
TP	1.47	114.93	5.66	113.46 on △ Hub on Rt
		8+50		
95 Lt			36.6	78.3
75 Lt			36.2	78.7
66 Lt			37.4	77.5
55 Lt			37.4	77.5
34 Lt			27.6	87.3
30 Lt = Edge Paving			27.88	87.05
11.6 Lt " "			27.73	87.20
℄			27.7	87.2
28 Rt			28.1	86.8
33 Rt			21.3	93.6
41 Rt			15.6	98.3
60 Rt			14.4	100.5

1/4.93

75' Rt	54	109.5	
8+75			
75' Rt	12.2	102.6	
60' Rt	12.4	102.5	
33' Rt	21.2	93.7	
30' Rt	27.9	87.0	
℄	28.5	86.4	
7' Lt - Edge Paving	28.32	86.61	
11' Lt " "	28.58	86.35	
29' Lt	28.3	86.6	
17' Lt	38.2	76.7	
7' Lt	39.5	75.4	
7.5' Lt	38.2	76.7	
9.5' Lt	38.7	76.2	
9+00.23 = 5.2 Boulevard Plate on Rt			
9.5' Lt	40.5	74.4	
7.5' Lt	40.2	74.7	
7' Lt	41.0	73.9	
40' Lt	37.3	77.6	
2.5' Lt	28.9	86.0	
19.4' Lt = Edge Paving	28.97	85.96	
12.1' Lt = " "	28.98	85.95	
℄	28.8	86.1	
30' Rt	27.9	87.0	
34' Rt	20.0	94.9	
52' Rt	13.5	101.4	

1/4.93

69' Rt	9.9	105.0	
95' Rt	9.6	105.3	
9+31.25 = ℄ Roseland Place			
75' Rt	9.2	105.7	
50' Rt	12.1	102.8	
45' Rt	17.0	97.9	
36' Rt	22.1	92.8	
31' Rt	29.5	85.4	
32' Rt = Edge Paving	29.58	85.35	
℄ " "	29.55	85.38	
15' Lt = Edge " "	29.22	85.64	
21' Lt	29.3	85.6	
39' Lt	39.3	75.6	
75' Lt	44.5	70.4	
80' Lt	42.3	72.6	
95' Lt	42.7	72.2	
9+45.15 = Opp ℄ Rt = Sta 9			
95' Lt	44.7	70.2	
81' Lt	44.4	70.5	
75' Lt	46.2	68.7	
43' Lt	44.8	70.1	
16' Lt	29.8	85.1	
10' Lt = Edge Paving	29.71	85.19	
℄ " "	30.04	84.89	
34' Rt = Edge " "	30.34	84.59	
33' Rt	30.5	84.4	

		11493'			
38' Rt			23.4	91.5	
46' Rt			22.2	92.7	
57' Rt			15.1	99.8	
75' Rt			11.7	103.2	on ℄ Hub
TP	1.02	104.21	71.94	103.19	on Rt
	9+66.59 =	Sec 10 =	Split of ℄		75145
75.72 Rt			1.02	103.19	
57' Rt			4.5	99.7	
47' Rt			11.8	92.4	
42' Rt			12.9	91.3	3M 8402 Rt
36' Rt			19.8	84.4	
11' Rt = Edge Pv.			19.85	84.36	
℄ on			19.43	84.78	
7.7' Lt = Edge "			20.17	84.04	
14' Lt			19.2	85.0	
39' Lt			34.3	69.9	
75' Lt			37.3	66.9	
80' Lt			37.0	67.2	
91' Lt			35.3	68.9	
95' Lt			35.8	68.4	
		9+87.49 =	Sec 11		
95' Lt			38.3	65.9	
87' Lt			39.4	64.8	
81' Lt			45.5	58.7	
75' Lt			41.8 }	62.6	
70' Lt			38.3	65.9	

		10421			
40' Lt			33.4	70.8	
14' Lt			19.2	85.0	
8.3' Lt = Edge Paving			19.34	84.87	
℄ on	"		19.70	84.51	
7.3' Rt - Edge			20.17	84.04	
36' Rt			19.0	85.2	
41' Rt			12.5	91.7	
48' Rt			12.0	92.2	
57' Rt			5.0	99.2	
75' Rt			1.02	103.19	
		10+05			
75' Rt			1.5	102.7	
58' Rt			5.5	98.7	
50' Rt			12.2	92.0	
48' Rt			12.8	91.4	
42' Rt			19.7	84.5	
13' Rt = Edge Paving			20.83	83.38	
℄ on	"		20.03	84.08	
8.2' Lt = Edge			19.47	84.74	
14' Lt			19.2	85.0	
39' Lt			31.8	72.4	
60' Lt			35.6	68.6	
75' Lt			38.7	65.5	
85' Lt			40.4	63.8	
86' Lt			45.5	58.7	
97' Lt			47.2	57.0	
105' Lt			40.0	64.2	

10421

TP	2.10	10529	1.02	103.19	
		10+32.79 = Sec 12			
95' Lt			44.1	60.9	
75' Lt			39.8	65.5	
50' Lt			34.1	71.2	
28' Lt			28.4	76.9	
12' Lt			22.6	82.7	
9' Lt			20.8	84.5	
4.3' Lt = Edge of Paving			21.06	84.23	
℄ on			21.34	83.95	
18.5 Rt = Edge "			22.64	82.65	
50' Rt			21.7	83.6	
58' Rt			12.7	91.6	
65' Rt			8.8	96.5	
75' Rt = A			6.30	98.99	
	10+58 = Sec 13				
77.06' Rt = A			6.30	98.99	
65' Rt			8.6	96.6	
55' Rt			13.3	92.0	
52' Rt			21.8	84.1	
41.7' Rt = Edge Paving			22.92	82.37	
℄ on			21.37	83.92	
0.8' Lt = Edge			21.32	83.97	
7' Lt			20.9	84.4	
16' Lt			24.4	80.9	
27' Lt			30.3	75.1	

10529

50' Lt	36.9	68.4	
77.06' Lt	43.3	62.0	
97' Lt	47.5	57.8	
104+33.22 Sec 14 = on Bk of Angle			15825
104' Lt	53.6	51.7	
79.12' Lt A	48.5	56.7	
55' Lt	40.3	65.0	
25' Lt	31.8	73.5	
1' Lt	21.3	84.0	
℄	21.4	83.9	
8.4' Rt = Edge Paving	21.53	83.76	
25.2' Rt	23.06	82.23	
54' Rt	22.8	83.0	
56' Rt	13.1	92.2	
65' Rt	9.5	95.8	
79.12 - A	6.30	98.99	
11+08.44 = Sec 15			15413
77.06' Rt	6.30	98.99	
67' Rt	9.3	96.0	
60' Rt	12.9	92.4	
43' Rt	20.7	84.6	
21.7' Rt = Edge Paving	23.42	82.07	
0.5' Rt	21.72	83.57	
℄	21.7	83.6	
5' Lt	21.6	83.7	
26' Lt	33.1	73.2	

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50' Lt	40.7	64.6	
77.66 Lt	50.0	55.3	
102' Lt	56.1	49.2	
11+33.45 = Sec 16		150	
100' Lt	56.6	48.7	
75' Lt	51.1	54.3	
50' Lt	41.3	64.0	
25' Lt	31.4	73.9	
10' Lt	21.6	83.7	
1.6 Lt - Edge Paving	21.92	83.37	
Δ 0.0 "	22.00	83.29	
19.4 Rt - Edge	23.17	81.82	
50' Rt	23.0	82.3	
57' Rt	12.7	92.6	
45' Rt	9.6	95.7	
75' Rt	6.30	98.99	
11+75			
75' Rt	7.8	97.5	
50' Rt	13.8	91.5	
41' Rt	21.5	80.8	
14.0 - Edge Paving	21.66	80.83	
Δ 0.0 "	23.73	81.56	
3.6 Lt - Edge	23.57	81.78	
10' Lt	23.5	81.8	
35' Lt	36.1	68.7	
50' Lt	42.2	63.1	

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75' Lt	50.5	54.8	
100' Lt	57.0	48.3	
12+0			
100' Lt	56.9	48.4	
75' Lt	52.4	52.9	
50' Lt	44.1	61.2	
35' Lt	38.7	66.6	
12' Lt	24.6	80.9	
4.5' - Edge Paving	24.65	80.64	
Δ 0.0 "	24.73	80.56	
13.2 Rt - Edge	24.97	80.32	
43' Rt	25.2	80.1	
53' Rt	14.8	90.5	
75' Rt	7.8	97.5	
12+25			
75' Rt	6.8	98.5	
53' Rt	14.1	91.2	
45' Rt	25.1	80.2	
13.5 Rt - Edge Paving	25.42	79.67	
Δ 0.0 "	25.48	79.61	
5.4 Lt - Edge "	25.71	79.58	
12' Lt	25.8	79.5	
40' Lt	42.9	62.3	
60' Lt	48.8	56.5	
75' Lt	51.6	53.7	
100' Lt	57.0	48.3	

Torrey Pines Road

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	12+50				
100' Lt			56.1	48.2	
75' Lt			52.7	52.6	
40 Lt			44.1	61.2	
11' Lt			27.0	78.3	
4.6 Lt = Edge Paving			26.54	78.75	
℄ on "			26.59	78.70	
13.1 Rt = Edge "			26.24	79.05	
47' Rt			26.7	78.6	
53' Rt			14.1	91.2	
75' Rt			6.9	98.4	
	12+75				
75' Rt			7.6	97.7	
55' Rt			13.3	92.0	
44' Rt			27.5	77.8	
11.0 Rt = Edge Paving			27.05	78.24	
℄ on "			27.33	77.96	
6.3 Lt - Edge			27.72	77.57	
12' Lt			27.4	77.9	
40' Lt			44.9	60.4	
75' Lt			52.6	52.7	
100' Lt			55.4	49.9	
	12+94.56 = Δ on Lt = Sec 17				BM 53.00 [illegible]
100' Lt			54.5	50.8	
75' Lt			52.3	53.0	
40' Lt			45.1	60.2	

10529

12' Lt			28.3	77.0	
7.5 Lt = Edge Paving			28.31	76.98	
℄ on "			28.01	77.28	
10.4 Rt = Edge Paving			27.63	77.66	
33' Rt			27.9	77.4	
49' Rt			22.9	82.4	BM 76.55 Nail Pole ℄
60' Rt			12.0	93.3	
75' Rt			7.8	97.5	
TP	4.20	102.36	7.13	98.11	on Hub Δ on Rt
	Sec 18 on Split of Angle				150.93
75 ft Rt			4.20	98.16	
54' Rt			10.6	91.7	
45' Rt			22.7	79.6	
35' Rt			25.1	77.2	
9.8' Rt = Edge Paving			24.96	77.40	
℄ on "			25.34	77.02	
7.8' Lt = Edge "			25.72	76.64	
13' Lt			25.4	77.0	
40' Lt			41.5	60.9	
75 ft Lt			49.3	53.1	
100' Lt			51.5	50.9	
	Sec 19 = 12+94.56 on Lt				
100' Lt			51.5	50.9	
75' Lt			49.3	53.1	
40' Lt			41.8	60.6	
13' Lt			25.4	77.0	

	10+36		
40' Lt	145	57.9	
10' Lt	279	74.5	
30' Lt = Edge Paving	2782	74.54	
& "	2770	74.66	
15.1' Rt = Edge "	2700	75.36	
26' Rt	270	75.36	
33' Rt	282	74.2	
50' Rt	238	78.6	
60' Rt	114	91.0	
75' Rt	68	95.6	
	13+75		
75' Rt	61	96.3	
10' Rt	125	89.9	
50' Rt	230	78.5	
33' Rt	286	73.8	
30' Rt	277	74.7	
14' Rt = Edge Paving	2771	74.66	
& "	2566	73.92	
35' Lt = Edge "	2876	73.62	
12' Lt	298	73.2	
35' Lt	121	59.8	
75' Lt	451	56.8	
100' Lt	466	55.8	
	14+13.76 = PC on Lt Avenida Alamar		
100' Lt	444	58.0	
75' Lt	428	59.6	

	10+36		
6.9 Lt = Edge Paving	2599	76.37	
& "	2566	76.70	
11.3' Rt = Edge "	2521	77.15	
28' Rt	250	77.4	
30' Rt	266	75.8	
41' Rt	241	78.3	
52' Rt	117	90.7	
75' Rt	50	97.4	
	13+25		
75' Rt	63	96.1	
59' Rt	107	91.1	
49' Rt	227	79.7	
40' Rt	283	76.1	
28' Rt	275	74.9	
24' Rt	262	75.2	
14.1' Rt = Edge Pav	2611	76.20	
& "	2588	75.47	
3.5' Lt	2708	74.28	
11' Lt	219	75.5	
40' Lt	439	58.5	
60' Lt	480	53.4	
75' Lt	485	53.9	
100' Lt	501	52.3	
	13+50		
100' Lt	483	54.1	
75' Lt	472	55.2	

Station	BS	HI	Rod	Elev.	Remarks
		10236			
37' Lt			41.0	61.4	
20' Lt			30.5	71.9	
9.4' Lt = Edge Paving			30.17	72.19	
℄ on "			29.36	73.00	
9.0' Rt			28.80	73.56	
20' Rt			29.1	72.3	
45' Rt			29.5	72.9	
52' Rt			15.4	87.0	
75' Rt			6.4	96.0	
TP	0.43	96.39	6.40	95.96	on Stake [illegible]
14+38.76 = Δ on Lt Sec 20					
75' Rt			4.2	92.2	
45' Rt			16.3	80.1	
40' Rt			24.0	72.4	
23' Rt			24.2	72.2	[illegible]
3.2' Rt Edge Paving			23.32	73.07	
℄ on			23.53	72.86	
15.4' Lt = Edge			24.74	71.65	
24' Lt			25.1	71.3	
38' Lt			33.1	63.3	
75' Lt			35.30	61.09	on Mon
100' Lt			36.8	59.6	
Sec 21					15+45?
100' Lt			36.8	59.6	
77.87' Lt			35.30	61.09	
42			32.4	64.0	

Station	BS	HI	Rod	Elev.	Remarks
		96.39			
28' Lt			25.1	71.3	
20.1' Lt = Edge Paving			25.16	71.23	
22' Lt " "			23.70	72.69	
℄			23.5	72.9	
12' Rt			24.3	72.1	
31' Rt			24.6	71.8	
34' Rt			25.2	71.2	
50' Rt		✓	18.1	78.3	on Hub
77.39' Rt = Δ on Rt. TP	0.74	86.09	11.04	85.35	Δ on Rt
100' Rt Center of Sec 22 = 14+38.76 on Lt					
For Drain if Any			7.3	78.8	
75' Rt			9.3	76.8	
42' Rt			14.0	72.1	
25' Rt			14.6	71.5	
10' Rt			13.8	72.3	
0.5' Rt Edge Paving			13.83	72.26	
℄ on			13.85	72.24	
17.4' Lt = Edge "			14.96	71.13	
25' Lt			15.0	71.1	
38' Lt			21.8	64.3	
75' Lt			24.9	61.2	
100' Lt			26.8	59.3	
14+75					
100' Lt			24.2	61.9	
75' Lt			23.0	63.1	
26' Lt			15.7	70.4	
14.7' Lt = Edge Paving			15.68	70.41	

		86.09			
℄ on Paving		1484	71.25		
3.3' Rt = Edge "		14.67	71.42		
19' Rt		14.0	72.1		
26' Rt		14.9	71.2		
50' Rt		13.6	72.5		
75' Rt		11.7	74.4		
TP	2.01	79.29	8.81	77.28	
		15+00			
75' Rt			4.3	75.0	
53' Rt			7.1	72.2	
35' Rt			6.6	72.7	
3.5' Rt = Edge Paving			8.47	70.82	
℄ on "			8.63	70.66	
14.4 Lt = Edge "			9.40	69.89	
35' Lt			10.6	68.7	
60' Lt			13.7	65.6	
75' Lt			14.2	65.1	
88' Lt = House			14.4	64.9	
		15+42.0	Line of Street on Rt		
78.5 Rt = ℄ Garage Conc Floor			11.20	67.99	
75' Rt			11.5	67.8	
45' Rt			11.8	68.0	
14.3 Lt = Edge Paving			10.11	69.18	
℄ on "			9.10	69.69	
3.5 Rt = Edge "			9.51	69.78	
22' Rt			9.2	70.1	

		79.29			
30' Rt			10.2	69.0	
37' Rt			6.0	73.3	
15' Rt			4.6	74.7	
75' Rt Line of St			1.36	77.93	on Stub
		15+50			
75' Rt			3.5	75.8	
35' Rt			6.0	73.3	
27' Rt			11.5	67.7	
14' Rt			9.7	69.6	
3.0 Rt = Edge Paving			10.12	69.17	
℄ on "			10.13	69.16	
14.4 Lt = Edge "			10.47	68.82	
41' Lt			11.8	67.5	
75' Lt			11.8	67.5	
100' Lt			13.8	65.5	
		15+75			
100' Lt			15.0	64.3	
75' Lt			13.0	66.3	
39' Lt			12.8	66.5	
25' Lt			11.1	68.2	
14.3 Lt = Edge Paving			11.11	68.18	
℄ on "			11.00	68.29	
3.5 Rt = Edge "			11.04	68.25	
14' Rt			10.5	68.8	
28' Rt			12.3	67.1	
83' Rt			4.8	72.5	

7.9.29

55 Rt	5.4	73.9	
60' Rt	6.6	75.7	
75' Rt	7.6	76.7	
16+00			
75' Rt	4.1	75.2	
30' Rt	8.3	71.0	
29' Rt	14.5	64.8	
20' Rt	12.1	67.2	
3.5' Rt = Edge Paving	11.93	67.36	
℄ " "	11.81	67.41	
14.3' Lt " "	11.93	67.36	
20' Lt	12.0	67.3	
40' Lt	13.9	65.4	
75' Lt	16.8	63.1	
100' Lt	19.0	60.3	
16+25			
100' Lt	23.7	55.6	
75' Lt	21.2	58.1	
35' Lt	17.1	62.2	
23' Lt	12.7	66.6	
14.3' Lt = Edge Paving	12.86	66.45	
℄ " "	12.71	66.55	
3.5' Rt = " "	12.79	66.50	
15' Rt	12.8	66.5	
30' Rt	15.4	63.9	
37' Rt	10.3	69.0	

7.9.29

55' Rt	8.3	71.0	
75' Rt	5.2	74.1	
16+50			
75' Rt	4.9	74.4	
38' Rt	10.9	68.4	
31' Rt	15.9	63.4	
12' Rt	13.5	65.8	
TP 8.30	7.62	12.97	6.32
3.5 Rt = Edge Paving	8.95	65.67	
℄ " "	8.90	65.72	
14.3 Lt = Edge "	9.01	64.56	
22' Lt	9.1	65.5	
34' Lt	13.9	60.7	
75' Lt	19.2	55.3	
100' Lt	21.2	53.4	
16+75			
100' Lt	21.9	52.7	
75' Lt	19.6	55.0	
36' Lt	15.2	59.4	
22' Lt	9.9	64.7	
14.3 Lt = Edge Paving	9.81	64.81	
℄ " "	9.18	64.94	
3.5 Rt = Edge "	9.77	64.85	
13' Rt	9.5	65.1	
30' Rt	11.9	62.7	
37' Rt	8.3	68.4	

7+62

60' Rt	4.1	70.5
75' Rt	1.6	73.0
17+70		
75' Rt	6.1	68.5
37' Rt	9.0	65.6
31' Rt	12.7	61.9
12' Rt	10.7	63.9
3.7' Rt = Edge Paving	10.63	63.99
℄ on "	10.55	64.07
14.3 Lt = Edge "	10.65	63.97
31' Lt	10.8	63.8
30' Lt	13.5	61.1
40' Lt	13.9	60.7
75' Lt	17.6	57.0
100' Lt	19.3	55.3
17+25		
100' Lt	16.5	58.1
75' Lt	14.7	59.9
45' Lt	12.4	62.2
35' Lt	13.2	61.4
21' Lt	11.5	63.1
14.2 Lt = Edge Paving	11.47	63.15
℄ on "	11.38	63.24
8.8 Rt = Edge "	11.42	63.20
13' Rt	11.8	63.3
18' Rt	13.1	61.5

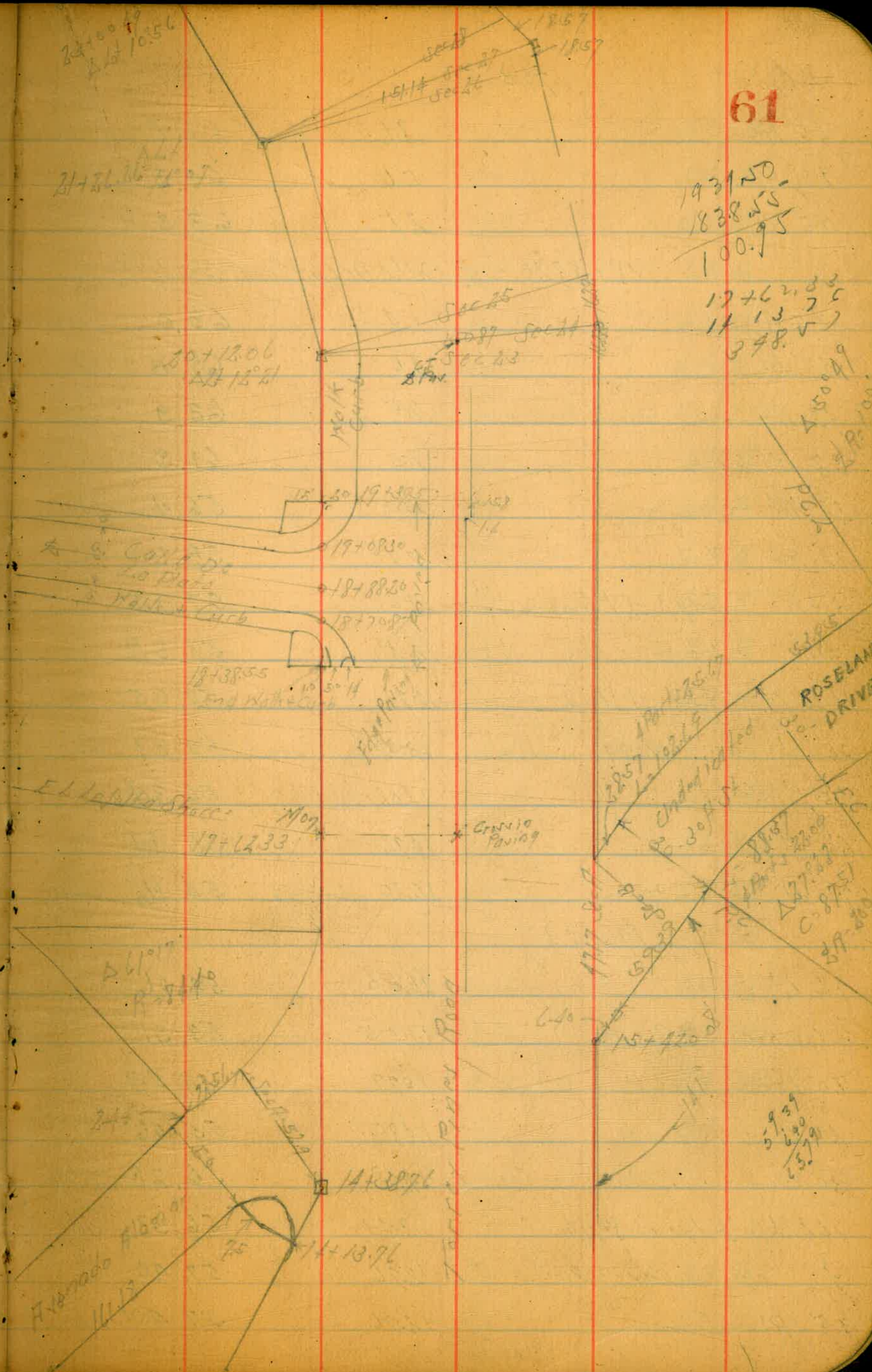
7+62

22' Rt			13.8	60.8
31' Rt			12.3	62.3
60' Rt			11.7	62.9
75' Rt			10.1	64.5
TP	5.09	70.36	9.85	65.27
17+42.83 = NL La Salle Shore on Lt				
75' Rt			8.2	61.2
50' Rt			10.5	59.9
15' Rt			10.2	60.2
12' Rt			8.3	62.1
3.9' Rt = Edge Paving			8.37	61.99
℄ on "			8.33	62.03
14.2 Lt = Edge "			8.43	61.93
30' Lt			8.4	62.0
30' Lt			9.5	60.9
75' Lt			10.27	60.09 on Mon
18+0				
75' Lt			13.4	57.0
40' Lt			11.6	58.8
14.8' Lt = Edge Paving			9.75	60.61
℄ on "			9.66	60.70
8.5' Rt = Edge "			9.73	60.63
13' Rt			9.5	60.9
21' Rt			11.5	58.9
50' Rt			11.8	58.6
75' Rt			8.6	61.8

Torrey Pine Road
70.36

18+38.55 = ✱ End of Paving Curb & Walk
✱ of Calle Del La Plata

75' Rt		4.7	65.7
36' Rt		12.5	57.9
25' Rt		13.0	57.4
15' Rt		11.1	59.2
3.5' Rt : Edge Paving		10.98	59.38
℄ on "		10.93	59.43
14.6 Lt Edge of Strip		11.05	59.31
25' Lt on Paving		11.70	58.66
40' Lt		12.47	57.89
55' Lt : Gutter		13.63	56.73
Top curb		12.81	57.55
75' Lt		14.1	56.3
18+70.87			
75' Lt Top cb		15.50	54.86
Gutter on Paving		16.22	54.14
60' Lt " "		14.74	55.62
45' Lt " "		13.59	56.77
30' Lt "		12.78	57.58
14.4 Lt Edge of Strip		12.23	58.13
℄ on Paving		11.91	58.45
3.5 Rt : Edge		11.93	58.43
13' Rt		11.9	58.5
24' Rt		13.9	56.5
33' Rt		12.7	57.7
39 Rt		8.9	61.5



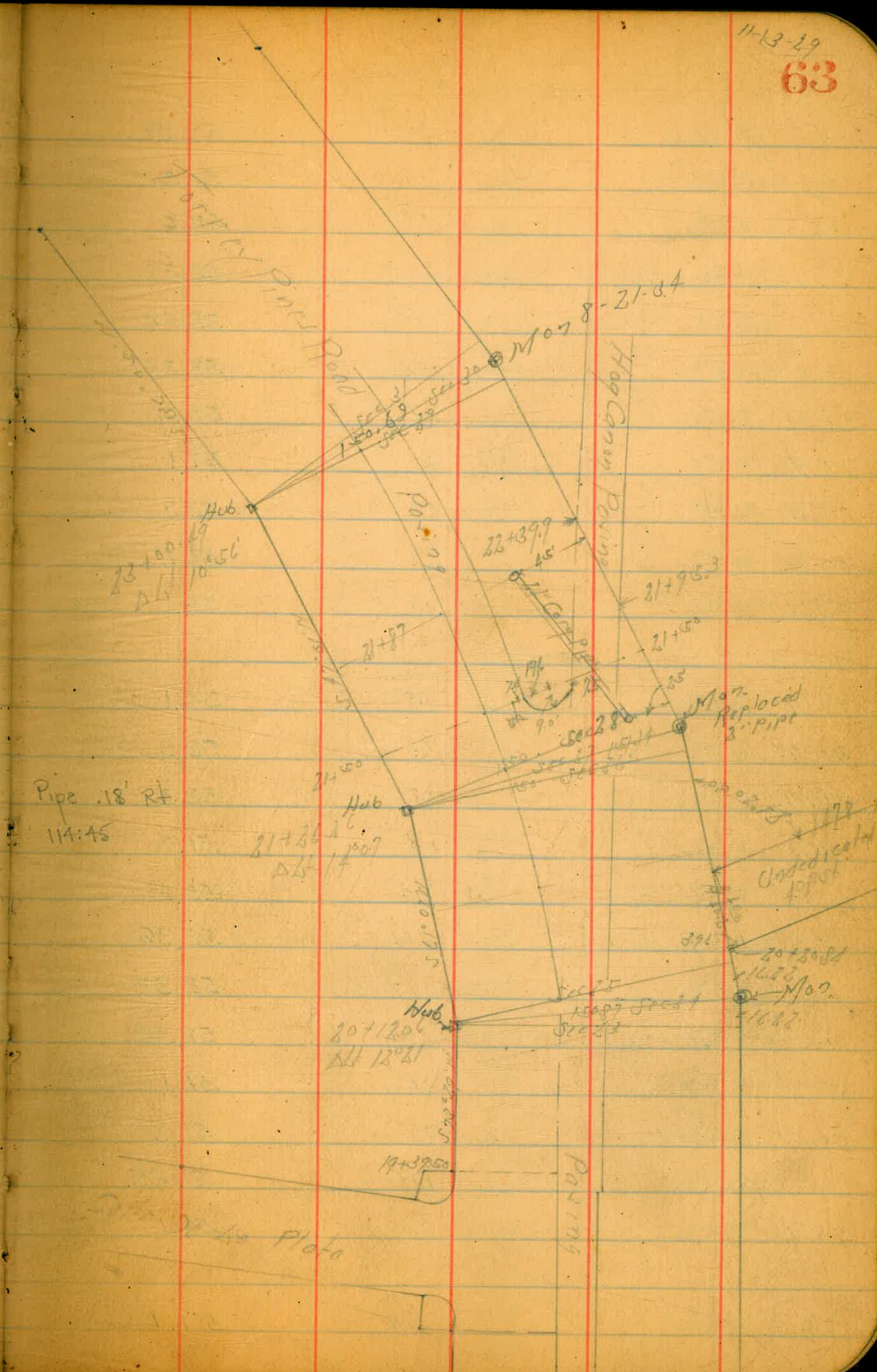
	70.36			
45' Rt		8.6	61.7	
48' Rt		5.1	64.8	
75' Rt		2.1	68.3	
	18+88.20 = ℄ Calle De La Plata on ℄			
75 Rt		1.4	69.0	
47' Rt		4.6	65.8	
42' Rt		7.5	62.9	
38' Rt		8.5	61.9	
28' Rt		14.0	56.4	
14' Rt		12.3	58.1	
3.4 Rt = Edge of Paving		12.42	57.94	
℄ on "		12.41	57.95	
14.4 Lt = Edge of Strip		12.71	57.65	
30' Lt on Paving		13.35	57.01	
45 Lt " "		14.02	56.34	
60' Lt " "		14.92	55.44	
75' Lt " "		16.20	54.16	
	19+08.30			
75' Lt. Top Cb		16.30	54.06	
Gutter on Paving		17.05	53.31	
60' Lt " "		15.77	54.59	
45' Lt " "		14.80	55.56	
30' Lt " "		14.08	56.28	
14.4 Lt = Edge of Strip		13.43	56.93	
℄ on Paving		12.96	57.40	
3.5 Rt = Edge		12.96	57.40	

	70.36			
14' Rt		12.5	57.8	
27' Rt		15.5	54.8	
38' Rt		7.7	62.7	
44' Rt		6.8	63.6	
50' Rt		4.4	66.0	
75' Rt		1.5	68.9	
	19+39.5 = East End of Paving East of Calle De La Plata			
75' Rt		3.9	66.5	
48' Rt		5.6	64.8	
44' Rt		7.0	63.4	
35' Rt		7.9	62.5	
30' Rt		15.6	54.8	
17' Rt		12.6	56.8	
TP 4.9 Lt	12.76	12.46	57.90	
4.6 Rt = Edge of North Strip		6.36	56.40	
℄ on Paving		6.42	56.34	
14.9 Lt = Edge of Strip		7.04	55.72	
30' Lt on Paving		7.47	55.29	
45' Lt " "		8.15	54.61	
55' Lt = Gutter "		8.86	53.90	
Top Cb		8.14	54.62	
75' Lt		8.7	54.0	
BM		8.14	54.62	N.E. B.P. Torrey Pines Rd & Calle De La Plata Elev 54.69
	19+75			
75 Lt		9.4	53.3	
55 Lt = Top Cb		9.45	53.31	

Torrey Pines Road

		62.76			
Gutter			10.1	52.6	
40 Lt			9.2	53.5	
16.3 Lt = Edge Paving			8.39	54.37	
℄ on "			7.74	55.02	
4.6 Rt = Edge New Strip			7.73	55.03	
15' Rt			7.5	55.2	
30' Rt			10.1	52.6	
38' Rt			4.0	58.7	
47' Rt			12.0	50.7	
75' Rt			0.0	62.7	
20+12.06 = Δ on Lt - 56.23					
75' Rt			5.1	57.6	
35' Rt			10.3	52.4	
21' Rt			10.7	52.0	
14' Rt			9.0	53.7	
4.4 Rt = Edge New Strip			9.23	53.53	
℄ on Paving			9.26	53.50	
20.3 Lt = Edge "			10.01	52.75	
35' Lt			10.4	52.3	
55 Lt = Gutter			11.5	51.2	
Top Curb			10.87	51.89	
7.5 Lt			10.72	52.04	
TP			10.72	52.04	
BM	0.40	55.09		54.69	Torrey Gr...
	Sec 24				
75.43 Lt			2.99	52.10	

11-13-29



55.09			
55.3' Lt - Top Cb	6/6	51.93	
Gutter	8.6	51.5	
35' Lt	28	52.3	
211 Lt - Edge Paving	252	52.57	
" on "	185	53.24	
43' Rt - Edge "	182	53.27	
13' Rt	1.4	53.7	
17' Rt	3.0	52.1	
38' Rt	2.2	52.9	
50' Rt	1.9	53.2	
75.43 Rt	0.0	55.1	
Sec 25			
25' Rt	1.0	54.1	
50' Rt	2.2	52.9	
34 Rt	2.8	52.3	
18' Rt	3.4	51.7	
14' Rt	1.9	53.2	
64 Rt - Edge Paving	213	52.96	
" on "	217	52.92	
205 Lt - Edge "	275	52.34	
35' Lt	3.0	52.1	
55 Lt - Gutter	3.8	51.3	
Top Cb.	324	51.85	
75' Lt	3.0	52.1	
20+10			
75' Lt	4.0	51.1	

55.09			
55 Lt - Top Cb	434	51.71	
Gutter	5.3	49.8	
35' Lt	4.7	50.4	
18.6 Lt - Edge Paving	3.92	51.17	
" on "	3.19	51.90	
123 Rt - Edge "	3.09	52.00	
20' Rt "	2.8	52.3	
24' Rt "	4.4	50.7	
30 Rt "	2.4	52.7	
50' Rt "	2.7	52.4	
75 Rt "	1.5	53.6	
20+70			
75 Rt	1.5	53.6	
50' Rt	2.1	53.0	
32' Rt "	3.6	51.5	
37' Rt	4.8	50.3	
23' Rt "	2.8	51.3	
195 Rt - Edge Paving	4.00	51.09	
" on "	4.25	50.84	
177 Lt - Edge "	4.92	50.17	
35' Lt "	5.8	49.3	
55 Lt - Gutter	6.1	49.0	
Top Cb	5.47	49.62	
75' Lt	5.3	49.9	
21+00			
75' Lt	6.4	48.7	

55.09

55' Lt = Top Cb	6.60	48.49
Gutter	7.3	47.8
35 Lt	6.5	48.6
18.3 Lt = Edge Paving	5.91	49.15
℄ on "	5.19	49.90
25.5 Rt = Edge Paving	4.65	50.44
31' Rt	4.65	50.44
35' Rt	5.3	49.8
39' Rt	4.0	51.1
50' Rt	2.9	52.2
75' Rt	1.9	53.2
21+26 ℄ = ΔH 14°07 = Sec 21		
75' Rt	2.0	53.1
45' Rt	4.1	51.0
42' Rt	5.8	49.3
35' Rt	4.8	50.3
31.2' Rt = Edge Paving	4.83	50.26
℄ on "	5.83	49.26
20' Lt = Edge	6.69	48.40
35 Lt	7.4	47.7
55 Lt = Gutter	8.3	46.8
Top Cb	7.59	47.50
75' Lt	7.4	47.7
Sec 27	on Diagonal	
75.57 Lt	7.4	47.7
55 Lt Cb Top	7.67	47.42

55.09

Gutter	8.3	46.8
35 Lt	7.6	47.5
20.7' Lt = Edge Paving	6.85	48.24
℄ on "	5.96	49.13
34.2 Rt = Edge "	4.72	50.37
42' Rt	4.4	50.7
44' Rt	6.5	48.6
47' Rt	3.8	51.3
60' Rt	3.8	51.3
75.57' Rt	2.2	52.9
Sec 28		
75' Rt	3.1	52.0
55' Rt	3.4	51.7
50' Rt = End Flow Line 24" Galv Pipe	8.11	46.98
45' Rt	4.7	50.4
40.6 Rt = Edge Paving	4.63	50.46
℄ on "	6.29	48.80
19.5 Lt = Edge	6.98	48.11
35 Lt	7.7	47.4
55 Lt = Gutter	8.4	46.7
Top Cb	7.76	47.33
75 Lt	7.4	47.7
21+50		
75 Lt	8.2	46.9
55 Lt Cb Top	8.66	46.43
Gutter	9.1	46.0

35' Lt	8.3	46	8
16' Lt = Edge Paving	7.45	47	64
℄ " "	6.87	48	20
30' Rt " "	4.72	50	35
52.4 Rt = Edge "	4.51	50	58
75' Rt	2.8	51	3
21+75			
75' Rt	4.8	50	9
45 Rt = Edge Paving	4.13	50	66
42.6 Rt = " "	4.37	50	72
25' Rt	5.5	49	6
74 Rt = Edge Paving	7.26	47	83
℄ " "	7.51	47	53
13' Lt = Edge "	8.07	47	02
85' Lt	9.6	45	9
55' Lt = Gutter	9.9	45	2
Cb Top	9.43	45	66
75' Lt	9.1	46	0
21+87			
75' Lt	9.5	45	6
55' Lt = Cb Top	9.80	45	29
Gutter	10.3	44	8
35' Lt	9.5	45	6
121 Lt = Edge Paving	8.31	46	75
℄ " "	7.87	47	22
46' Rt = Edge "	7.81	47	28

175' Rt	6.7	48	4
30 Rt = Edge Flow Line 24 Galv.	9.97	45	12
39' Rt	4.6	50	5
48.7 Rt = Edge Paving	4.30	50	79
70.7 Rt "	4.50	50	59
75' Rt	4.80	50	29
22+0			21+95.4 Prop Curb Edge Pav
75' Rt Edge Paving	4.6	50	49
553' Rt = Edge "	4.28	50	81
41' Rt	4.5	50	6
81' Rt	9.8	45	9
15' Rt	7.8	47	3
70' Rt = Edge Paving	8.04	47	05
℄ " "	8.16	46	93
112 Lt = Edge "	8.64	46	45
35' Lt	9.4	45	7
55' Lt = Gutter	10.7	44	4
Cb Top	10.18	44	91
75' Lt	9.9	45	2
22+35			
75' Lt	10.7	44	4
55' Lt = Cb	10.91	44	18
Gutter	11.3	43	8
35' Lt	10.5	44	6
10.1 Lt = Edge Paving	9.24	45	85
℄ " "	8.81	46	28

55.09

82' Rt = Edge Paving	8.65	46	44
13' Rt	8.2	46	9
29' Rt	10.2	44	9
47' Rt	5.0	50	1
67' Rt = Edge Paving	4.3	50	77
75' Rt " "	4.4	50	64
22+50			22+39.9 P.O.C. Edge Paving
75' Rt	4.5	50.6	
50' Rt	5.5	49.6	
29' Rt	11.2	43.9	
14' Rt	9.2	45	9
84' Rt = Edge Paving	9.44	45	85
" " "	9.41	45	48
9.7' Lt = Edge "	10.11	44	98
35' Lt	11.0	44	1
55' Lt = Gutter	12.3	42	8
Cb Top	11.17	43	42
75' Lt	11.4	43	7
22+75			
75' Lt	12.2	42	9
55' Lt = Cb	12.45	42	64
Gutter	13.1	42	0
35' Lt	11.6	43	5
10.24 = Edge Paving	10.84	44	25
" "	10.45	44	64
11.7' Rt	10.25	44	84

55.09

14' Rt	10.8	44	9
21 Rt	12.1	43	0
50' Rt	6.6	48	5
75' Rt	5.5	49	6
23+00.47 Sta 10°56 = Sec 29			
75' Rt	6.6	48	5
45' Rt	7.5	47	6
27' Rt	13.4	41	7
13' Rt	10.9	44	2
65' Rt = Edge Paving	7.05	48	04
" " "	7.16	47	93
11.6 Lt = Edge "	7.94	47	35
35' Lt	12.6	42	5
55' Lt Gutter	13.8	41	3
Cb Top	13.13	41	96
75' Lt	13.0	42	1

Undedicated 30 ft St on Right of Torrey Road
Cross Section Station 15+42
Partly Graded
See Page 61

BM	12.53	67.22		54.69	NEB Torrey Rd & Calle Ocaso Plato
TP	12.43		0.09	67.13	
TP	11.35	87.99	2.92	76.64	
		Sec A		47.17 on Bldg	
S			10.06	77.93 on Stub	
+6			10.0	78.0	
+10			12.4	75.6	
+23.5 = ℄			11.4	76.6	
+47.17 = N			11.5	76.5	
		Sec B			
N			11.5	76.5	
+15 = ℄			10.6	77.4	
+23			10.7	77.3	
+27			7.1	80.9	
+30 = S			6.6	81.4	
		P.C.			
S			5.83	82.16 on Hub	
+2			6.2	81.8	
+5			10.0	78.0	
+15 = ℄			10.1	77.9	
+30 = N			10.8	77.2	
		Part 1			
N			10.7	77.3	
+15 = ℄			9.6	78.4	
+26			9.8	78.2	

11-15-29

		87.99			
+30 = S			5.6	72.4	
		Part 2			
S			6.2	81.8	
+3			9.8	78.2	
+15 = ℄			9.4	78.6	
+30 = N			10.5	77.5	
		Part 3			
N			10.2	77.8	
+15 = ℄			8.9	79.1	
+26			9.4	78.6	
+30 = S			5.6	82.4	
		Part 4 = E.C.			
S			6.58	81.41 on Hub	
+5			8.6	79.4	
+15 = ℄			8.3	79.7	
+30 = N			9.3	78.7	
		26.97' E of E.C.			
N			8.2	79.8	
+5			7.4	80.6	
+15 = ℄			6.9	81.1	
+24			7.2	80.8	
+30 = S			5.4	82.6	
		53.95' E of E.C. = P.C.L.			
S			0.3	87.7	
+6			5.5	82.5	
+15 = ℄			5.5	82.5	
+30 = N			7.53	80.46 on Hub	

Avenida Alamar
Cross Section
West of Torrey Road

See Page 61

BM	2.41	✓ 6352		61.11	on Mon 14+38.71
		Sec A			
S			2.4	61.1	
+15			2.1	61.4	
+26			2.2	61.3	
+38			2.6	60.9	
+43			1.4	62.1	
+52.9 = N. Wall of House			1.1	62.4	50' wide 10' Clear
		0+0 = PC 75' Rad			
N			2.5	61.0	
Cb			4.0	59.5	
¼			4.4	59.1	
½			4.3	59.2	
¾			4.3	59.2	
Cb			4.8	58.7	
S			4.7	58.8	
		25' W of PC			
S			6.6	56.9	
Cb			6.7	56.8	
¼			6.2	57.3	
½			6.3	57.2	
¾			6.4	57.1	
Cb			6.8	56.7	
N			5.8	57.7	
		50' W			

		63.52			
N			7.8	55.7	
Cb			9.8	53.7	
¼			8.5	55.0	
½			8.5	55.0	
¾			8.5	55.0	
Cb			8.4	55.1	
S			7.9	55.6	
	75' W				
S			10.0	53.5	
Cb			10.3	53.2	
¼			10.5	53.0	
½			10.4	53.1	
¾			10.6	52.9	
Cb			10.7	52.8	
N			10.0	53.5	
	100' W				
N			12.1	51.4	
Cb			12.6	50.9	
¼			12.4	51.1	
½			12.4	51.1	
¾			12.4	51.1	
Cb			12.5	51.0	
S			12.0	51.5	
TP	2.55	53.73 125' W	12.34	51.18	
S			4.7	49.0	
Cb			4.9	48.8	

		53.73			
¼			.50	48.7	
½			.50	48.7	
¼			.51	48.6	
Cb			.50	48.7	
H			.45	49.2	
		161.12 H = P.C. on S			
H			.66	47.1	
Cb			.79	45.8	
¼			.79	45.8	
½			.76	46.1	
¼			.75	46.2	
Cb			.79	45.8	
S			.734	45.39	on Pipe on Mon Arm
			0.74	52.99	12.2915 52.00

Roseland Drive
Cross Section

B.M.	0.00	94.00		94.00	5 W. of 3 Pipe Rt of Paving
		Sec A = 0+0 W.L. Sta			
W = 7+66.78			5.82	88.18	on Pipe
+3			7.7	86.3	
+16			9.5	84.5	
+23			10.6	83.4	
+35			11.2	82.8	
+40.75 = 8+15.5 Δ			11.88	82.12	
		Sec B = 15.39 NE			
E = 8+15.5			11.9	82.1	
+16			12.9	81.1	
+18			13.9	80.1	
+20			12.5	81.5	
+27			12.7	81.3	
+29.2 = W			11.8	82.2	
TP	0.00	81.26	12.74	81.26	
		75' NE		35.75	
W			2.5	78.8	
+10			3.5	77.8	
+15			2.8	78.5	
+35.75 = E			2.5	78.8	
		100' NE		41.1	
E			4.6	76.7	
+15			4.8	76.5	
+26			5.1	76.2	

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		81.26		
+30			6.8	74.5
+33			5.0	76.3
+41.1 = W			3.9	77.4
		125' NE		46.3
W			6.6	74.7
+2			7.5	73.8
+9			7.5	73.8
+11			10.0	71.3
+13			7.7	73.6
+25			6.8	74.5
+46.3 = E			6.6	74.7
		150' NE		50.9
E			10.9	70.4
+4			8.8	72.5
+20			8.9	72.4
+37			10.0	71.3
+40			12.1	69.2
+41			9.8	71.5
+50.9 = W			10.0	71.3
		175' NE		51.4
W			11.4	69.9
+8			12.0	69.3
+9			14.0	67.3
+14			14.0	67.3
+15			11.9	69.4
+25			11.3	70.0
+50			11.3	70.0

		81.26			
+56.4 = E			13.3		68.0
TP	1.70	72.23	10.23	70.53	
		190 NE = EC.	R = 4.74		
E			3.5		68.7
+3			3.7		68.5
+20			3.6		68.6
+33			4.4		67.8
+35			5.6		66.6
+39			6.1		66.1
+40			4.5		67.7
+47			4.5		67.7
+50 = W			2.5		69.7
		200 NE			
W			4.9		67.3
+10			5.6		66.6
+11			6.7		65.5
+14			6.8		65.4
+16			5.2		67.0
+30			4.6		67.6
+50 = E			4.2		68.0
		225 NE			
E			7.0		65.2
+2			6.5		65.7
+25			7.2		65.0
+35			7.8		64.4
+36			8.6		63.6

		72.23			72
+38			7.7	64.5	
+50 = W			7.4	64.8	
		264.86 NE = PC.	R = 12.59 on W		
W			10.1	62.1	
+5			12.2	60.0	
+11			12.1	60.1	
+13			14.1	58.1	
+15			12.2	60.0	
+25			11.3	60.9	
+47			10.9	61.3	
+50 = E			11.7	60.5	
TP	2.16	63.75	11.10	61.13	Page 53 C.D. M.o.?
BM			6.97	56.78	10+83.88 L.L. 56.78

Newport Terrace ↔ changed to JASON ST.
Cross Section

Curb Work & Paving
(50' Wide
10' Cbs

See Page 25 For Sketch

BM	0.18	94.18		94.00	S.W. of 3 Pipe Rt of Paving
TP	0.75	83.87	11.06	83.12	
		N.L. Torrey Road	7.0		
E					
Cb top	6.65 N of N.L.		7.19		76.68
Gutter	on Paving		7.65		76.22
℄	"	"	6.66		77.21
Gutter	"	"	6.95		76.92
Cb top			6.34		77.53
W			5.6		78.2
		Part 1			
W			7.7		76.7
Cb Top			7.88		75.99
Gutter	on Paving		8.47		75.40
℄			8.05		75.82
Gutter			8.93		74.91
Cb Top			8.50		75.37
E			8.1		75.7
		Part 2			
E			10.0		73.8
Cb Top			10.39		73.48
Gutter			10.83		73.05
℄			9.87		74.00
Gutter			10.27		73.60
Cb Top			9.68		74.19
W			9.1		73.8

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8387

	Part 3				
W			10.9		73.0
Cb top			11.50		72.37
Gutter on Paving			12.07		71.80
℄	"		11.61		72.26
Gutter	"		12.62		71.25
Cb Top			12.16		71.71
E			11.5		72.3
TP	3.98	75.12	12.73	71.14	
	Part 4				
E			4.8		70.3
Cb Top			5.17		69.95
Gutter on Paving			5.65		69.47
℄	"		4.72		70.40
Gutter	"		5.14		69.98
Cb Top			4.55		70.57
W			4.2		70.9
	Part 5				
W			5.9		69.2
Cb Top			6.33		68.79
Gutter on Paving			6.94		68.18
℄	"		6.55		68.57
Gutter	"		7.47		67.65
Cb Top			6.98		68.14
E			6.4		68.7

Part 6 - S.L. Aypolio Way

	? 56.78	7.512	
I		8.03	67.09 on Hub
Cb Top		8.67	66.45
Gutter on Paving		9.45	65.64
℄ " "		8.83	66.29
Gutter		8.83	66.29
Cb Top		8.20	66.92
H		7.8	67.3

Undedicated 40' St

Cross Section Sta 20+20.84 on Right of Torrey Road

40' Wide
5' Cbs
7.5 Qts

See Page 63

Ungraded

BM	9.97	64.66		54.69	NEBP Torrey Rd + Calle De La Plata
		Sec A:	Rt Line of Torrey Rd		40' Wide
W			11.70	52.96	on Stub
Cb			11.2	53.4	
1/4			11.3	53.3	
℄			11.2	53.4	
1/4			11.1	53.5	
Cb			10.9	53.7	
E			10.6	54.0	
		Sec B	20+0		40
E			10.6	54.0	
Cb			10.9	53.7	
1/4			11.1	53.5	
℄			11.2	53.4	
1/4			11.2	53.4	
Cb			11.1	53.5	
W			11.0	53.6	
		25' S			
W			8.9	55.7	
Cb			9.5	55.1	
1/4			9.7	54.9	
℄			10.1	54.5	
1/4			9.7	54.9	
Cb			10.1	54.5	
E			10.5	54.1	

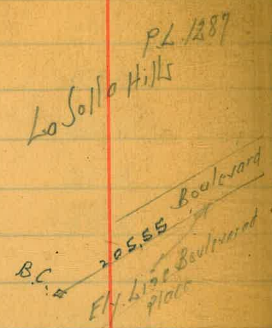
11-19-29

		64.66		
		50' S		
E			8.7	55.9
Cb			8.1	56.5
1/4			8.5	56.1
℄			8.5	56.1
1/4			8.0	56.6
Cb			7.2	57.4
W			6.4	58.2
		75' S		
W			5.4	59.2
Cb			6.1	58.5
1/4			6.5	58.1
℄			6.9	57.7
1/4			7.3	57.3
Cb			7.6	57.0
E			7.2	57.4
		100' S		
E			6.1	58.5
Cb			6.4	58.2
1/4			6.2	58.4
℄			6.0	58.6
1/4			5.6	59.0
Cb			5.1	59.5
W			4.9	59.7
		125' S		
W			3.9	60.7

64.66

Cb	39	60.7
¼	37	61.0
2	57	59.0
¼	41	60.2
Cb	41	60.2
F	48	59.8
	1438 - PC.	
F	35	61.1
Cb	34	61.2
¼	39	61.7
2	31	61.5
+5	29	61.7
+6	51	59.5
¼	53	59.3
+1	34	61.2
Cb	27	61.9
pc	21	62.0

Survey PL 1286
Nly And Ely Lines
and line between 1285 + 1281



1272.50
541.44
731.06

341.14
513.63
854.77

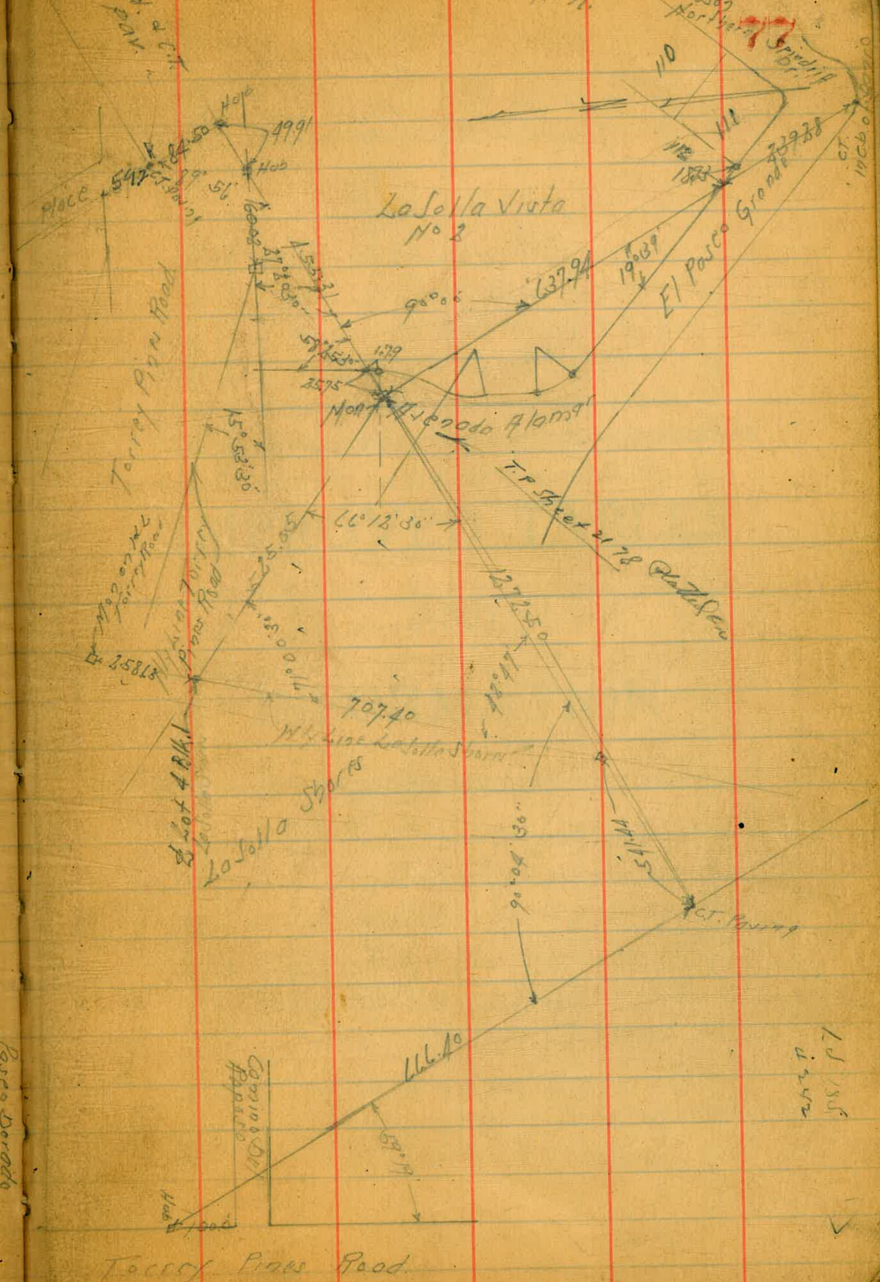
707.40
258.63
966.03

175
83.63
258.63

Indexed
C.S.K.

Ch. + plat on 2178-2179 1/20/41

S.P.S. 1-31-38
Moore
Sisson



1276
1152
2428

88
57°22
7046
51°36'

IMPROVED TABLES

AND

INFORMATION

TABLE IX. TANGENTS AND EXTERNALS TO A 1° CURVE

I	T	E	I=10°	I	T	E	I=20°	I	T	E	I=30°
1°	50.00	.218	+	11°	551.70	26.500	+	21°	1061.9	97.577	+
10′	58.34	.297	5° C.	10′	560.11	27.313	5° C	10′	1070.6	99.155	5° C
20′	66.67	.388	T	20′	568.53	28.137	T	20′	1079.2	100.75	T
30′	75.01	.491	.03	30′	576.95	28.974	.06	30′	1087.8	102.35	.10
40′	83.34	.606	E	40′	585.36	29.824	E	40′	1096.4	103.97	E
50′	91.68	.733		50′	593.79	30.686		50′	1105.1	105.60	
2°	100.01	.873	.001	12°	602.21	31.561	.006	22°	1113.7	107.24	.013
10′	108.35	1.024		10′	610.64	32.447		10′	1122.4	108.90	
20′	116.68	1.188		20′	619.07	33.347		20′	1131.0	110.57	
30′	125.02	1.364		30′	627.50	34.259		30′	1139.7	112.25	
40′	133.36	1.552		40′	635.93	35.183		40′	1148.4	113.95	
50′	141.70	1.752		50′	644.37	36.120		50′	1157.0	115.66	
3°	150.04	1.964	10° C.	13°	652.81	37.070	10° C.	23°	1165.7	117.38	10° C.
10′	158.38	2.188	T	10′	661.25	38.031	T	10′	1174.4	119.12	T
20′	166.72	2.425	.06	20′	669.70	39.006	.13	20′	1183.1	120.87	.19
30′	175.06	2.674	E	30′	678.15	39.993	E	30′	1191.8	122.63	E
40′	183.40	2.934	.003	40′	686.60	40.992	.011	40′	1200.5	124.41	.025
50′	191.74	3.207		50′	695.06	42.004		50′	1209.2	126.20	
4°	200.08	3.492		14°	703.51	43.029		24°	1217.9	128.00	
10′	208.43	3.790		10′	711.97	44.066		10′	1226.6	129.82	
20′	216.77	4.099		20′	720.44	45.116		20′	1235.3	131.65	
30′	225.12	4.421		30′	728.90	46.178		30′	1244.0	133.50	
40′	233.47	4.755		40′	737.37	47.253		40′	1252.8	135.35	
50′	241.81	5.100	15° C.	50′	745.85	48.341	15° C.	50′	1261.5	137.23	15° C.
5°	250.16	5.459	T	15°	754.32	49.441	T	25°	1270.2	139.11	T
10′	258.51	5.829	.09	10′	762.80	50.554	.19	10′	1279.0	141.01	.29
20′	266.86	6.211	E	20′	771.29	51.679	E	20′	1287.7	142.93	E
30′	275.21	6.606	.004	30′	779.77	52.818	.017	30′	1296.5	144.85	.038
40′	283.57	7.013		40′	788.26	53.969		40′	1305.3	146.79	
50′	291.92	7.432		50′	796.75	55.132		50′	1314.0	148.75	
6°	300.28	7.863		16°	805.25	56.309		26°	1322.8	150.71	
10′	308.64	8.307		10′	813.75	57.498		10′	1331.6	152.69	
20′	316.99	8.762		20′	822.25	58.699		20′	1340.4	154.69	
30′	325.35	9.230		30′	830.76	59.914		30′	1349.2	156.70	
40′	333.71	9.710	20° C.	40′	839.27	61.141	20° C.	40′	1358.0	158.72	20° C.
50′	342.08	10.202	T	50′	847.78	62.381	T	50′	1366.8	160.76	T
7°	350.44	10.707	.13	17°	856.30	63.634	.26	27°	1375.6	162.81	.39
10′	358.81	11.224	E	10′	864.82	64.900	E	10′	1384.4	164.86	E
20′	367.17	11.753	.006	20′	873.35	66.178	.022	20′	1393.2	166.95	.051
30′	375.54	12.294		30′	881.88	67.470		30′	1402.0	169.04	
40′	383.91	12.847		40′	890.41	68.774		40′	1410.9	171.15	
50′	392.28	13.413		50′	898.95	70.091		50′	1419.7	173.27	
8°	400.66	13.991		18°	907.49	71.421		28°	1428.6	175.41	
10′	409.03	14.582		10′	916.03	72.764		10′	1437.4	177.55	
20′	417.41	15.184	25° C.	20′	924.58	74.119	25° C.	20′	1446.3	179.72	25° C.
30′	425.79	15.799	T	30′	933.13	75.488	T	30′	1455.1	181.89	T
40′	434.17	16.426	.16	40′	941.69	76.869	.32	40′	1464.0	184.08	.49
50′	442.55	17.065	E	50′	950.25	78.264	E	50′	1472.9	186.29	E
9°	450.93	17.717	.007	19°	958.81	79.671	.028	29°	1481.8	188.51	.065
10′	459.32	18.381		10′	967.38	81.092		10′	1490.7	190.74	
20′	467.71	19.058		20′	975.96	82.525		20′	1499.6	192.99	
30′	476.10	19.746		30′	984.53	83.972		30′	1508.5	195.25	
40′	484.49	20.447		40′	993.12	85.431		40′	1517.4	197.53	
50′	492.88	21.161		50′	1001.7	86.904		50′	1526.3	199.82	
10°	501.28	21.887	30° C.	20°	1010.3	88.389	30° C.	30°	1535.3	202.12	30° C.
10′	509.68	22.624	T	10′	1018.9	89.888	T	10′	1544.2	204.44	T
20′	518.08	23.375	.19	20′	1027.5	91.399	.39	20′	1553.1	206.77	.59
30′	526.48	24.138	E	30′	1036.1	92.924	E	30′	1562.1	209.12	E
40′	534.89	24.913	.008	40′	1044.7	94.462	.034	40′	1571.0	211.48	.078
50′	543.29	25.700		50′	1053.3	96.013		50′	1580.0	213.86	

$T = R \tan \frac{1}{2} I$ $E = R \operatorname{exsec} \frac{1}{2} I$

TABLE IX. TANGENTS AND EXTERNALS TO A 1° CURVE

I	T	E	I=40°	I	T	E	I=50°	I	T	E	I=60°
31°	1589.0	216.3	+	41°	2142.2	387.4	+	51°	2732.9	618.4	+
10′	1598.0	218.7	5° C.	10′	2151.7	390.7	5° C.	10′	2743.1	622.8	5° C.
20′	1606.9	221.1	T	20′	2161.2	394.1	T	20′	2753.4	627.2	T
30′	1615.9	223.5	.13	30′	2170.8	397.4	.17	30′	2763.7	631.7	.21
40′	1624.9	226.0	E	40′	2180.3	400.8	E	40′	2773.9	636.2	E
50′	1633.9	228.4		50′	2189.9	404.2		50′	2784.2	340.7	
32°	1643.0	230.9	.023	42°	2199.4	407.6	.037	52°	2794.o	645.2	.056
10′	1652.0	233.4		10′	2209.0	411.1		10′	2804.9	649.7	
20	1661.0	235.9		20′	2218.6	414.5		20′	2815.2	654.3	
30′	1670.0	238.4		30′	2228.1	418.0		30′	2825.6	658.8	
40′	1679.1	241.0		40′	2237.7	421.4		40′	2835.9	663.4	
50′	1688.1	243.5		50′	2247.3	425.0		50′	2846.3	668.0	
33°	1697.2	246.1	10° C.	43°	2257.0	428.5	10° C.	53°	2856.7	672.7	10° C.
10′	1706.3	248.7	T	10′	2266.6	432.0	T	10′	2867.1	677.3	T
20′	1715.3	251.3	.26	20′	2276.2	435.6	.34	20′	2877.5	682.0	.42
30′	1724.4	253.9	E	30′	2285.9	439.2	E	30′	2888.0	686.7	E
40′	1733.5	256.5	.046	40′	2295.6	442.8	.075	40′	2898.4	691.4	.112
50′	1742.6	259.1		50	2305.2	446.4		50′	2908.9	696.1	
34°	1751.7	261.8		44°	2314.9	450.0		54°	2919.4	700.9	
10′	1760.8	264.5		10′	2324.6	453.6		10′	2929.9	705.7	
20′	1770.0	267.2		20′	2334.3	457.3		20′	2940.4	710.5	
30′	1779.1	269.9		30′	2344.1	461.0		30′	2951.0	715.3	
40′	1788.2	272.6		40′	2353.8	464.6		40′	2961.5	720.1	
50′	1797.4	275.3	15° C.	50′	2363.5	468.4	15° C.	50′	2972.1	725.0	15° C.
35°	1806.6	278.1	T	45°	2373.3	472.1	T	55°	2982.7	729.9	T
10′	1815.7	280.8	.40	10′	2383.1	475.8	.51	10′	2993.3	734.8	.63
20′	1824.9	283.6	E	20′	2392.8	479.6	E	20′	3003.9	739.7	E
30′	1834.1	286.4	.070	30′	2402.6	483.4	.116	30′	3014.5	744.6	.168
40′	1843.3	289.2		40′	2412.4	487.2		40′	3025.2	749.6	
50′	1852.5	292.0		50′	2422.3	491.0		50′	3035.8	754.6	
36°	1861.7	294.9		46°	2432.1	494.8		56°	3046.5	759.6	
10′	1870.9	297.7		10′	2441.9	498.7		10′	3057.2	764.6	
20′	1880.1	300.6		20′	2451.8	502.5		20′	3067.9	769.7	
30′	1889.4	303.5		30′	2461.7	506.4		30′	3078.7	774.7	
40′	1898.6	306.4	20° C.	40′	2471.5	510.3	20° C.	40′	3089.4	779.8	20° C.
50′	1907.9	309.3	T	50′	2481.4	514.3	T	50′	3100.2	784.9	T
37°	1917.1	312.2	.53	47°	2491.3	518.2	.68	57°	3110.9	790.1	.84
10′	1926.4	315.2	E	10′	2501.2	522.2	E	10′	3121.7	795.2	E
20′	1935.7	318.1	.093	20′	2511.2	526.1	.151	20′	3132.6	800.4	.225
30′	1945.0	321.1		30′	2521.1	530.1		30′	3143.4	805.6	
40′	1954.3	324.1		40′	2531.1	534.2		40′	3154.2	810.9	
50′	1963.6	327.1		50′	2541.0	538.2		50′	3165.1	816.1	
38°	1972.9	330.2		48°	2551.0	542.2		58°	3176.0	821.4	
10′	1982.2	333.2		10′	2561.0	546.3		10′	3186.9	826.7	
20′	1991.5	336.3	25° C.	20′	2571.0	550.4	25° C.	20′	3197.8	832.0	25° C.
30′	2000.9	339.3	T	30′	2581.0	554.5	T	30′	3208.8	837.3	T
40′	2010.2	342.4	.67	40′	2591.0	558.6	.85	40′	3219.7	842.7	1.05
50′	2019.6	345.5	E	50′	2601.1	562.8	E	50′	3230.7	848.1	E
39°	2029.0	348.6	.117	49°	2611.2	566.9	.189	59°	3241.7	853.5	.283
10′	2038.4	351.8		10′	2621.2	571.1		10′	3252.7	858.9	
20′	2047.8	354.9		20′	2631.3	575.3		20′	3263.7	864.3	
30′	2057.2	358.1		30′	2641.4	579.5		30′	3274.8	869.8	
40′	2066.6	361.3		40′	2651.5	583.8		40′	3285.8	875.3	
50′	2076.0	364.5		50′	2661.6	588.0		50′	3296.9	880.8	
40°	2085.4	367.7	30° C.	50°	2671.8	592.3	30° C.	60°	3308.0	886.4	30° C.
10′	2094.9	371.0	T	10′	2681.9	596.6	T	10′	3319.1	892.0	T
20′	2104.3	374.2	.80	20′	2692.1	600.9	1.02	20′	3330.3	897.5	1.27
30′	2113.8	377.5	E	30′	2702.3	605.3	E	30′	3341.4	903.2	E
40′	2123.3	380.8	.141	40′	2712.5	609.6	.227	40′	3352.6	908.8	.340
50′	2132.7	384.1		50′	2722.7	614.0		50′	3363.8	914.5	

$T = R \tan \frac{1}{2} I$ $E = R \operatorname{exsec} \frac{1}{2} I$

TABLE IX. TANGENTS AND EXTERNALS TO A 1° CURVE

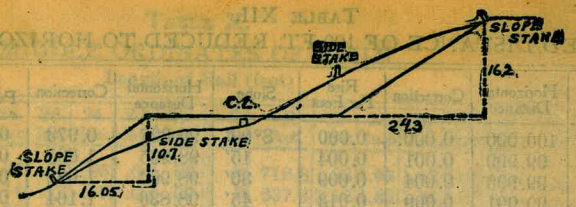
I	T	E	I=70°	I	T	E	I=80°	I	T	E	I=90°
61°	3375.0	920.2	+	71°	4086.9	1308.2	+	81°	4893.6	1805.3	+
10′	3386.3	925.9		10′	4099.5	1315.6		10′	4908.0	1814.7	
20′	3397.5	931.6	5° C.	20′	4112.1	1322.9	5° C.	20′	4922.5	1824.1	5° C.
30′	3408.8	937.3	T	30′	4124.8	1330.3	T	30′	4937.0	1833.6	T
40′	3420.1	943.1	.25	40′	4137.4	1337.7	.30	40′	4951.5	1843.1	.36
50′	3431.4	948.9	E	50′	4150.1	1345.1	E	50′	4966.1	1852.6	E
62°	3442.7	954.8	.080	72°	4162.8	1352.6	.110	82°	4980.7	1862.2	.149
10′	3454.1	960.6		10′	4175.6	1360.1		10′	4995.4	1871.8	
20′	3465.4	966.5		20′	4188.5	1367.6		20′	5010.0	1881.5	
30′	3476.8	972.4		30′	4201.2	1375.2		30′	5024.8	1891.2	
40′	3488.3	978.3		40′	4214.0	1382.8		40′	5039.5	1900.9	
50′	3499.7	984.3		50′	4226.8	1390.4		50′	5054.3	1910.7	
63°	3511.1	990.2	10° C.	73°	4239.7	1398.0	10° C.	83°	5069.2	1920.5	10° C.
10′	3522.6	996.2	T	10′	4252.6	1405.7	T	10′	5084.0	1930.4	T
20′	3534.1	1002.3	.51	20′	4265.6	1413.5	.61	20′	5099.0	1940.3	.72
30′	3545.6	1008.3	E	30′	4278.5	1421.2	E	30′	5113.9	1950.3	E
40′	3557.2	1014.4	.159	40′	4291.5	1429.0	.220	40′	5128.9	1960.2	.299
50′	3568.7	1020.5		50′	4304.6	1436.8		50′	5143.9	1970.3	
64°	3580.3	1026.6		74°	4317.6	1444.6		84°	5159.0	1980.4	
10′	3591.9	1032.8		10′	4330.7	1452.5		10′	5174.1	1990.5	
20′	3603.5	1039.0		20′	4343.8	1460.4		20′	5189.3	2000.6	
30′	3615.1	1045.2		30′	4356.9	1468.4		30′	5204.4	2010.8	
40′	3626.8	1051.4		40′	4370.1	1476.4		40′	5219.7	2021.1	
50′	3638.5	1057.7	15° C.	50′	4383.3	1484.4	15° C.	50′	5234.9	2031.4	15° C.
65°	3650.2	1063.9	T	75°	4396.5	1492.4	T	85°	5250.3	2041.7	T
10′	3661.9	1070.2	.76	10′	4409.8	1500.5	.91	10′	5265.6	2052.1	1.09
20′	3673.7	1076.6	E	20′	4423.1	1508.6	E	20′	5281.0	2062.5	E
30′	3685.4	1082.9	.240	30′	4436.4	1516.7	.332	30′	5296.4	2073.0	.450
40′	3697.2	1089.3		40′	4449.7	1524.9		40′	5311.9	2083.5	
50′	3709.0	1095.7		50′	4463.1	1533.1		50′	5327.4	2094.1	
66°	3720.9	1102.2		76°	4476.5	1541.4		86°	5343.0	2104.7	
10′	3732.7	1108.6		10′	4489.9	1549.7		10′	5358.6	2115.3	
20′	3744.6	1115.1		20′	4503.4	1558.0		20′	5374.2	2126.0	
30′	3756.5	1121.7		30′	4516.9	1566.3		30′	5389.9	2136.7	
40′	3768.5	1128.2	20° C.	40′	4530.4	1574.7	20° C.	40′	5405.6	2147.5	20° C.
50′	3780.4	1134.8	T	50′	4544.0	1583.1	T	50′	5421.4	2158.4	T
			1.02				1.22				1.45
67°	3792.4	1141.4	E	77°	4557.6	1591.6	E	87°	5437.2	2169.2	E
10′	3804.4	1148.0	.321	10′	4571.2	1600.1	.445	10′	5453.1	2180.2	.603
20′	3816.4	1154.7		20′	4584.8	1608.6		20′	5469.0	2191.1	
30′	3828.4	1161.3		30′	4598.5	1617.1		30′	5484.9	2202.2	
40′	3840.5	1168.1		40′	4612.2	1625.7		40′	5500.9	2213.2	
50′	3852.6	1174.8		50′	4626.0	1634.4		50′	5517.0	2224.3	
68°	3864.7	1181.6		78°	4639.8	1643.0		88°	5533.1	2235.5	
10′	3876.8	1188.4		10	4653.6	1651.7		10′	5549.2	2246.7	
20′	3889.0	1195.2	25° C.	20′	4667.4	1660.5	25° C.	20′	5565.4	2258.0	25° C.
30	3901.2	1202.0	T	30′	4681.3	1669.2	T	30′	5581.6	2269.3	T
40′	3913.4	1208.9	1.28	40′	4695.2	1678.1	1.53	40′	5597.8	2280.6	1.83
50′	3925.6	1215.8	E	50′	4709.2	1686.9	E	50′	5614.2	2292.0	E
69°	3937.9	1222.7	.403	79°	4723.2	1695.8	.558	89°	5630.5	2303.5	.756
10′	3950.2	1229.7		10′	4737.2	1704.7		10′	5646.9	2315.0	
20′	3962.5	1236.7		20′	4751.2	1713.7		20′	5663.4	2326.6	
30′	3974.8	1243.7		30′	4765.3	1722.7		30′	5679.9	2338.2	
40′	3987.2	1250.8		40′	4779.4	1731.7		40′	5696.4	2349.8	
50′	3999.5	1257.9		50′	4793.6	1740.8		50′	5713.0	2361.5	
70°	4011.9	1265.0	30° C.	80°	4807.7	1749.9	30° C.	90°	5729.7	2373.3	30° C.
10′	4024.4	1272.1	T	10′	4822.0	1759.0	T	10′	5746.3	2385.1	T
20′	4036.8	1279.3	1.54	20′	4836.2	1768.2	1.84	20′	5763.1	2397.0	2.20
30′	4049.3	1286.5	E	30′	4850.5	1777.4	E	30′	5779.9	2408.9	E
40′	4061.8	1293.6	.485	40′	4864.8	1786.7	.671	40′	5796.7	2420.9	.910
50′	4074.4	1300.9		50′	4879.2	1796.0		50′	5813.6	2432.9	

$T = R \tan \frac{1}{2} I$ $E = R \operatorname{exsec} \frac{1}{2} I$

TABLE IX. TANGENTS AND EXTERNALS TO A 1° CURVE

I	T	E	I=100°	I	T	E	I=110°	I	T	E	I=120°
91°	5830.5	2444.9	+	101°	6950.6	3278.1	+	111°	8336.7	4386.1	+
10′	5847.5	2457.1		10′	6971.3	3294.1		10′	8362.7	4407.6	
20′	5864.6	2469.3	5° C.	20′	6992.0	3310.1	5° C.	20′	8388.9	4429.2	5° C.
30′	5881.7	2481.5	T	30′	7012.7	3326.1	T	30′	8415.1	4450.9	T
40′	5898.8	2493.8	.43	40′	7033.6	3342.3	.51	40′	8441.5	4472.7	.62
50′	5916.0	2506.1	E	50′	7054.5	3358.5	E	50′	8468.0	4494.6	E
92°	5933.2	2518.5	.200	102°	7075.5	3374.9	.268	112°	8494.6	4516.6	.360
10′	5950.5	2531.0		10′	7096.6	3391.2		10′	8521.3	4538.8	
20′	5967.9	2543.5		20′	7117.8	3407.7		20′	8548.1	4561.1	
30′	5985.3	2556.0		30′	7139.0	3424.3		30′	8575.0	4583.4	
40′	6002.7	2568.6		40′	7160.3	3440.9		40′	8602.1	4606.0	
50′	6020.2	2581.3		50′	7181.7	3457.6		50′	8629.3	4628.6	
93°	6037.8	2594.0	10° C.	103°	7203.2	3474.4	10° C.	113°	8656.6	4651.3	10° C.
10′	6055.4	2606.8	T	10′	7224.7	3491.3	T	10′	8684.0	4674.2	T
20′	6073.1	2619.7	.86	20′	7246.3	3508.2	.103	20′	8711.5	4697.2	1.25
30′	6090.8	2632.6	E	30′	7268.0	3525.2	E	30′	8739.2	4720.3	E
40′	6108.6	2645.5	.401	40′	7289.8	3542.4	.536	40′	8767.0	4743.6	.721
50′	6126.4	2658.5		50′	7311.7	3559.6		50′	8794.9	4766.9	
94°	6144.3	2671.6		104°	7333.6	3576.8		114°	8822.9	4790.4	
10′	6162.2	2684.7		10′	7355.6	3594.2		10′	8851.0	4814.1	
20′	6180.2	2697.9		20′	7377.8	3611.7		20′	8879.3	4837.8	
30′	6198.3	2711.2		30′	7399.9	3629.2		30′	8907.7	4861.7	
40′	6216.4	2724.5		40′	7422.2	3646.8		40′	8936.3	4885.7	
50′	6234.6	2737.9	15° C.	50′	7444.6	3664.5	15° C.	50′	8965.0	4909.9	15° C.
95°	6252.8	2751.3	T	105°	7467.0	3682.3	T	115°	8993.8	4934.1	T
10′	6271.1	2764.8	1.30	10′	7489.6	3700.2	1.56	10′	9022.7	4958.6	1.93
20′	6289.4	2778.3	E	20′	7512.2	3718.2	E	20′	9051.7	4983.1	E
30′	6307.9	2792.0	.604	30′	7534.9	3736.2	.806	30′	9080.9	5007.8	1.09
40′	6326.3	2805.6		40′	7557.7	3754.4		40′	9110.3	5032.6	
50′	6344.8	2819.4		50′	7580.5	3772.6		50′	9139.8	5057.6	
96°	6363.4	2833.2		106°	7603.5	3791.0		116°	9169.4	5082.7	
10′	6382.1	2847.0		10′	7626.6	3809.4		10′	9199.1	5107.9	
20′	6400.8	2861.0		20′	7649.7	3827.9		20′	9229.0	5133.3	
30′	6419.5	2875.0	20° C.	30′	7672.9	3846.5	20° C.	30′	9259.0	5158.8	20° C.
40′	6438.4	2889.0	T	40′	7696.3	3865.2	T	40′	9289.2	5184.5	T
50′	6457.3	2903.1	1.74	50′	7719.7	3884.0	2.08	50′	9319.5	5210.3	2.52
97°	6476.2	2917.3	E	107°	7743.2	3902.9	E	117°	9349.9	5236.2	E
10′	6495.2	2931.6	.809	10′	7766.8	3921.9	1.08	10′	9380.5	5262.3	1.46
20′	6514.3	2945.9		20′	7790.5	3940.9		20′	9411.3	5288.6	
30′	6533.4	2960.3		30′	7814.3	3960.1		30′	9442.2	5315.0	
40′	6552.6	2974.7		40′	7838.1	3979.4		40′	9473.2	5341.5	
50′	6571.9	2989.2		50′	7862.1	3998.7		50′	9504.4	5368.2	
98°	6591.2	3003.8		108°	7886.2	4018.2		118°	9535.7	5395.1	
10′	6610.6	3018.4	25° C.	10′	7910.4	4037.8	25° C.	10′	9567.2	5422.1	25° C.
20	6630.1	3033.1	T	20′	7934.6	4057.4	T	20′	9598.9	5449.2	T
30′	6649.6	3047.9	2.18	30′	7959.0	4077.2	2.61	30′	9630.7	5476.5	3.16
40′	6669.2	3062.8	E	40′	7983.5	4097.1	E	40′	9662.6	5504.0	E
50′	6688.8	3077.7	1.02	50′	8008.0	4117.0	1.36	50′	9694.7	5531.7	1.83
99°	6708.6	3092.7		109°	8032.7	4137.1		119°	9727.0	5559.4	
10′	6728.4	3107.7		10′	8057.4	4157.3		10′	9759.4	5587.4	
20′	6748.2	3122.9		20′	8082.3	4177.5		20′	9792.0	5615.5	
30′	6768.1	3138.1		30′	8107.3	4197.9		30′	9824.8	5643.8	
40′	6788.1	3153.3		40′	8132.3	4218.4		40′	9857.7	5672.3	
50′	6808.2	3168.7		50′	8157.5	4239.0		50′	9890.8	5700.9	
100°	6828.3	3184.1	30° C.	110°	8182.8	4259.7	30° C.	120°	9924.0	5729.7	30° C.
10′	6848.5	3199.6	T	10′	8208.2	4280.5	T	10′	9957.5	5758.6	T
20′	6868.8	3215.1	2.62	20′	8233.7	4301.4	3.14	20′	9991.0	5787.7	3.81
30′	6889.2	3230.8	E	30′	8259.3	4322.4	E	30′	10025.0	5817.0	E
40′	6909.6	3246.5	1.22	40′	8285.0	4343.6	1.63	40′	10059.0	5846.5	2.20
50′	6930.1	3262.3		50′	8310.8	4364.8		50′	10093.0	5876.1	

$T = R \tan \frac{1}{2} I$ $E = R \operatorname{exsec} \frac{1}{2} I$



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ 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
60	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

Burch. GZ-6286

Burch. IZ-71-53 M. Borick.

4130 Hermosa Way. Roadster.

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.