

Levels

Coronado Beach Main Sewer

2

LEVEL

F.B. 638

638

MICROFILMED

DEC 14 1964

Elevations on plugs
Coronado Beach Sewer

Sta	+	H.S.	-	El	B.M.	
						(Running Backward) North
		255	26.60		24.05	Grade cut
38+75			5.42	21.18	16.13	5.05
+50			5.33	21.27	16.11	5.16
+25			4.91	21.69	16.09	5.60
38			4.69	21.91	16.07	5.84
+75			5.14	21.46	16.05	5.41
+50			4.86	21.74	16.03	5.71
+25			4.53	22.07	16.01	6.06
37			4.95	21.65	15.98	5.67
+75			5.03	21.57	15.96	5.61
+50			5.29	21.31	15.94	5.37
+25			5.00	21.60	15.92	5.68
36			5.06	21.54	15.90	5.64
+75			5.10	21.50	15.88	5.62
+50			4.93	21.67	15.86	5.81
+25			4.87	21.73	15.84	5.89
35			4.82	21.78	15.81	5.97
+75			4.87	21.73	15.79	5.94
+50			4.54	22.06	15.77	6.29
+25			4.60	22.00	15.75	6.25

Spencer
Orion Mch 26

g = Aug at 7th St. - B.M. at 1/2 mile post

lev. on plugs

Coronado Sewer

	+		-			
34		26.60	4.50	22.10	15.73	6.37
+75			4.80	21.80	15.71	6.09
+50			4.80	21.80	15.69	6.11
+25			4.90	21.70	15.66	6.04
33			4.86	21.74	15.64	6.10
+75			4.97	21.63	15.62	6.01
+50			5.24	21.36	15.60	5.76
+25			4.92	21.68	15.58	6.10
32			5.00	21.60	15.56	6.04
+75			4.79	21.81	15.54	6.27
+50			4.64	21.96	15.52	6.44
+25			4.64	21.96	15.50	6.46
31			4.59	22.01	15.48	6.53
+75			4.81	21.79	15.45	6.34
+50			4.65	21.95	15.43	6.52
+25			4.57	22.03	15.41	6.62
30			4.40	22.20	15.39	6.81
+75			4.02	22.58	15.37	7.21
+50	4.94	27.52	4.29	23.23	15.35	7.88
+25			4.22	23.30	15.33	7.97

Spencer
Orton

2

Elev on plug
Coronado Sewer

Spanner
bottom Mch 27

3

Sta	+	H.T.	-	El.	BM	
295		27.52	4.14	23.38	15.31	8.07
+75			3.88	23.64	15.28	8.36
+50			3.58	23.94	15.26	8.68
+25			3.58	23.94	15.24	8.70
28			3.43	24.09	15.22	8.87
+75			3.56	23.96	15.20	8.76
+50			3.57	23.95	15.18	8.77
+25			3.68	23.84	15.16	8.68
27			3.85	23.67	15.14	8.53
+75			4.32	23.20	15.11	8.09
+50			4.63	22.89	15.09	7.80
+25			4.79	22.73	15.07	7.66
26			4.95	22.57	15.05	7.52
+75			5.39	22.13	15.03	7.10
+50			5.52	22.00	15.01	6.99
+25			5.43	22.09	14.99	7.10
25			5.51	22.01	14.97	7.04
+75			5.41	22.11	14.94	7.17
+50			4.94	22.58	14.92	7.66
+25			4.67	22.85	14.90	7.95

Sta	I	H.I.	-	El.	B.M.	
24		27.52	4.09	23.43	14.88	8.55
+75			3.71	23.81	14.86	8.95
+50			3.05	24.47	14.84	9.63
+25			2.53	24.99	14.82	10.17
23			2.06	25.46	14.80	10.66
+75			1.72	25.89	14.78	11.02
+50			1.30	26.22	14.76	11.46
Check			2.42	25.10	14.74	
20+25					14.73	
22			3.39	24.13	14.71	9.42
#			1.87	25.65		
check	3.87	29.52	7.35	22.17		
+75			3.92	25.61	14.69	10.92
21						

Check No Stations = on bank
on B.M. 25.09

on B.M. Nail + 4# 22.18

Spencer
Ontario } March 27

5

Sta	+ HI	-	El.	BM	
	Running South				
	4.70	25.55		20.85	cut
0		7.48	18.07	12.05	5.22
+25		6.97	18.58	12.87	5.71
+50		6.91	18.64	12.89	5.75
+75		7.04	18.51	12.91	5.60
1				12.93	
+25		6.79	18.76	12.96	5.80
+50		6.65	18.90	12.98	5.92
+75		6.30	19.25	13.00	6.25
2	6.37	19.18	13.02	6.16	
+25		5.91	19.64	13.04	6.60
+50		5.68	19.87	13.06	6.81
+75		5.39	20.16	13.08	7.08
3	5.37	20.18	13.10	7.08	
+25		5.27	20.28	13.12	7.14
+50		5.20	20.35	13.15	7.20
+75		5.09	20.46	13.17	7.29
4	5.19	20.36	13.19	7.17	
+25		4.96	20.59	13.21	7.38
+50		5.08	20.47	13.23	7.24

Palm Ave + Boulevard

On bank edge of bar

5.98 24.83 20.85

behind tree

4.60 26.23

				Grade	Cut
+75	25.55	5.18	20.37	13.25	7.12
5		5.32	20.23	13.27	6.96
+75		5.82	19.73	13.29	6.44
150		5.94	19.61	13.32	6.29
+75		6.33	19.22	13.34	5.88
6		6.50	19.05	13.36	5.69
+75		6.67	18.88	13.38	5.50
+50		6.88	18.67	13.40	5.27
+75		6.80	18.75	13.42	5.33
7		6.77	18.78	13.44	5.34
+75		6.90	18.65	13.46	5.19
+50		6.63	18.92	13.48	5.44
+75		6.46	19.09	13.51	5.58
8		6.23	19.32	13.53	5.79
+75		5.61	19.74	13.55	6.19
+33		6.34	19.17		
+50		5.80	19.75	13.57	6.18
+75		4.58	20.97	13.59	7.38
9		5.32	20.23	13.61	6.62
+75		5.17	20.39	13.63	6.75

Manhole at 2nd St. (4' 0" dia)

				Grade	Cut
+50	25.55	4.49	21.06	13.65	7.41
+75		4.75	20.80	13.67	7.13
10		4.62	20.93	13.70	7.23
+25	6.17	4.37	21.18	13.72	7.46
+50	27.35	6.05	21.30	13.74	7.56
+75		6.21	21.14	13.76	7.38
11		6.12	21.23	13.78	7.45
+25		6.10	21.25	13.80	7.45
+50		6.22	21.11	13.82	7.29
+75		6.45	20.90	13.84	7.06
12		6.54	20.81	13.86	6.95
+25		6.75	20.60	13.89	6.71
+50		7.05	20.30	13.91	6.39
+75		7.16	20.19	13.93	6.26
13		7.38	19.97	13.95	6.02
+25		7.50	19.85	13.97	5.88
+50		7.29	20.06	13.99	6.07
+75		7.23	20.12	14.01	6.11
14		6.96	20.39	14.03	6.36
+25		6.72	20.63	14.06	6.57

Grade Cut

+50	27.35	6.37	20.98	14.08	6.90	
+69		6.27	21.08	14.10	6.90	
+75		6.21	21.14	14.10	7.04	
15		6.26	21.09	14.12	6.97	
check		5.39	21.96			
+25		6.00	21.35	14.14	7.41	
+50		6.17	21.18	14.16	7.02	
+75		6.40	20.95	14.18	6.77	
16		6.33	21.02	14.20	6.82	
+25		6.55	20.80	14.22	6.58	
+50		6.58	20.77	14.25	6.52	
+75		6.85	20.50	14.27	6.23	
17		7.01	20.34	14.29	6.05	
+25		7.09	20.26	14.31	5.95	
+50		7.18	20.17	14.33	5.84	
+56.5		7.25	20.10			
+75		6.84	20.51	14.35	6.16	
18		6.58	20.77	14.37	6.40	
+25	7.77	28.54	7.10	21.44	14.39	7.05
+50			6.90	21.64	14.41	7.23

ck on Bm 21.96

Grade

+25	28.54	6.75	21.79	14.43	7.36
19		6.49	22.05	14.46	7.59
+25		6.10	22.44	14.48	7.96
+50		5.60	22.94	14.50	8.44
+75		5.60	22.94	14.52	8.42
20		5.34	23.20	14.54	8.68
+25		5.17	23.37	14.56	8.81
+50		4.92	23.62	14.59	9.03
+75		4.54	24.00	14.61	9.39
21		3.93	24.61	14.68	9.98
+09		3.88	24.66		
+25		3.85	24.69	14.65	10.04
+50		3.23	25.31	14.67	10.64
+75	check	2.93	25.61	14.69	10.92
check		6.36		22.18	

on N line 4th St.

Bm 22.18

Sta		-	El	B.M.	
	Running South			Grade	cut
38	16.4	27.76		26.12	
+75	chairs	6.58	21.18	16.13	
+98		6.22	21.54	16.15	
39	flat in			16.15	
+25		6.12	21.64	16.17	
+50		5.91	21.85	16.20	
+75		5.90	21.86	16.22	
40		5.79	21.97	16.24	
+25		5.40	22.36	16.26	
+50		5.52	22.24	16.28	
+75		5.31	22.45	16.30	
41		4.88	22.88	16.32	
+25		4.72	23.04	16.34	
+50		4.45	23.31	16.37	
+75		4.07	23.69	16.39	
42		3.73	24.03	16.41	
+25		3.63	24.13	16.43	
+50		3.69	24.07	16.45	
+75		3.47	24.29	16.47	
43		3.42	24.34	16.49	

8th + Alameda

→ Angle

Grade cut

Sta					
+25	27.76	3.63	24.13	16.51	
+24		3.79	23.97	16.53	
+25		3.94	23.82	16.56	
+24		4.29	23.47	16.58	
+25		4.37	23.39	16.60	
+50		4.98	22.78	16.62	
+75		3.64	24.12	16.64	
#		4.12	23.64		
45	not in			16.66	
+25	6.72	30.36	7.50	22.86	16.68
+31			7.34	23.02	
+50			7.45	22.91	16.70
+75			7.26	23.10	16.72
46			7.12	23.24	16.75
+25			6.63	23.73	16.77
+50			6.29	24.07	16.79
+75			5.80	24.56	16.81
47			5.22	25.14	16.83
+26			4.89	25.47	16.85
+50			4.72	25.64	16.87

edge
in inside of track
in track

					Grade	Cont
5						
275	30.36	4.66	25.70	16.89		
48		4.50	25.86	16.92		
275		5.70	26.66	16.94		
250		4.46	25.90	16.96		
275		4.68	25.68	16.98		
49		4.90	25.46	17.00		
275		5.18	25.18	17.02		
250		5.59	24.77	17.04		
275		5.91	24.45	17.06		
50		6.11	24.25	17.08		
275		6.40	23.96	17.11		
250		6.64	23.72	17.13		
275		6.61	23.75	17.15		
51		6.66	23.70	17.17		
4	412	27.35	7.13	23.23		
275			3.89	23.46	17.19	
243			3.89	23.46		
250			4.01	23.34	17.21	
275			4.07	23.28	17.23	
52			3.88	23.47	17.25	

ck Bon 23.23

Gles Mankole 23.51 Depth 4.05

St				Grade	Cut
	27.35	4.05	23.30	17.28	
		4.03	23.32	17.30	
		3.96	23.39	17.32	
		4.11	23.24	17.34	
		3.94	23.41	17.36	
		4.12	23.23	17.38	
		4.25	23.10	17.40	
		4.39	22.96	17.42	
		4.36	22.99	17.44	
		4.38	22.97	17.47	
		4.70	22.65	17.49	
		4.53	22.82	17.51	
		4.71	22.64	17.53	
		4.72	22.63	17.55	
		4.55	22.80	17.57	
		4.35	23.00	17.59	
		4.36	22.99	17.61	
		4.32	23.03	17.64	
		4.25	23.10	17.66	
		4.23	23.12	17.68	

Grade Cut

27.35	4.23	23.12	17.70
27.50	4.19	23.16	17.72
27.75	4.00	23.35	17.74
28.00	4.02	23.33	17.76
28.25	3.58	23.77	17.77
28.50	4.47	22.88	
28.75	4.44	22.91	
29.00	4.45	22.90	22.90
5.59	28.49		
5.35	28.48		23.13
5.61		22.84	
5.54		22.94	
5.55		22.93	
5.38		23.10	
5.49		22.99	
5.36		23.12	
5.21		23.27	
5.09		23.39	
5.10		23.38	
5.10		23.38	

Eles Riv Mouth 23.37 Dept 5.6'

(long sight)
New elevation taken

51					
	FSO	28.48	5.21	23.27	
28	+75		5.03	23.45	
+	62		5.03	23.45	
+	+25		5.00	23.48	
34	+50		4.92	23.56	
+	+75		4.89	23.59	
	63		4.85	23.63	
	+25		5.03	23.45	
	+50		4.90	23.58	
	+75		4.80	23.68	
	64		4.74	23.74	
	+25		4.72	23.76	
	+50		4.82	23.66	
	+75		4.84	23.64	
	65 + 03		4.06	24.42	24.42
	5.56	29.98			
			5.91	24.07	
	ck		5.85		24.13
	+25		6.29	23.69	
	+50	Not in			

Manhole at Olive & Alameda Depth 54.5
 BM Olive & Alameda 24.13

57.5	29.98	5.98	24.00
66		5.92	24.06
75		5.80	24.18
85		5.91	24.07
95		5.80	24.18
107		5.89	24.09
115		5.79	24.19
125		5.81	24.17
135		5.62	24.36
148		5.57	24.41
155		5.54	24.44
165		5.37	24.71
175		4.83	25.15
189		4.71	25.27
195		4.64	25.34
205		4.26	25.72
215		4.02	25.96
230		3.90	26.08
245		3.93	26.05
250	Not in	3.80	26.18

On Rim of Cover at station

75	29.98		3.79	26.19		
71			3.71	26.27		
71			3.55	26.43		
73			3.56	26.42		
75			3.81	26.17		
75			3.96	26.02		
72 #			4.07	25.91	25.91	
75	5.92	31.83	6.29	25.54		
75			6.32	25.51		
75			6.18	25.65		
73			6.07	25.76		
75			5.64	26.19		
75			5.36	26.47		
75			4.93	26.90		
74			4.63	27.26		
75			4.99	26.84		
75			5.10	26.73		
75			4.74	27.09		
75			4.79	27.04		

75	31.83	4.85	26.98
CK		4.70	27.13 27.13
+25		4.85	26.98
+50		4.90	26.93
+75		5.14	26.69
76		5.34	26.49
+25		5.60	26.23
- Manhole		4.62	27.21
+50		5.46	26.37
+75		5.06	26.77
77		5.31	26.52
+25		4.97	26.86
+50		4.45	27.38
+75		4.07	27.76
78		3.99	27.84
+25		4.12	27.71
+50		4.70	27.13
+65		3.96	27.87
+75		4.62	27.21

CK Bm 27.15

Manhole at Dolita + Alameda

= Main on Boulevard

Sta.							
8	3.40		20.39				
+33	23.79	4.65	19.14	21.56	2.42	504	2' 5"
+50	408	4.14	19.65	21.57	1.92		
+75	290	3.83	19.96	21.57	1.63	756	1' 7 $\frac{1}{2}$ "
9	257	3.57	20.22	21.61	2.39	468	1' 4 $\frac{5}{8}$ "
+25		3.40	20.39	21.63	1.24	288	1' 2 $\frac{1}{8}$ "
+50		2.73	21.06	21.65	0.59	708	0' 7 $\frac{1}{8}$ "
+75		2.97	20.82	21.67	0.85	1020	0' 10 $\frac{1}{4}$ "
10		2.89	20.90	21.70	0.80	960	0' 9 $\frac{5}{8}$ "

Elevs on Main Sewer on
Crown Point Beach

Apr. 7 1891

Hand level
William Rod.

Sta	+	H ₂	-	Elev	B.M.
B.M.	5.69	26.08		20.39	
B.M.			4.12	21.96	21.96
8 + 50			6.34	19.74	on flag
+ 75			5.17	20.91	on top of plank
9			4.92	21.16	" " "
+ 25			4.75	21.33	" " "
+ 50			4.08	22.00	" " "
+ 75			4.33	21.75	" " "
10			5.19	20.89	on flag
+ 25			4.94	21.14	
+ 50			4.82	21.26	
+ 75			4.97	21.11	
11			4.86	21.22	
+ 25			4.89	21.19	
+ 50			4.99	21.09	
+ 75			5.21	20.87	
12			5.27	20.81	
+ 25 #4.82	25.40	5.60	20.58		
+ 50			5.12	20.89	
+ 75			5.23	20.17	
13			5.44	19.96	

Second & Boulevard
Third & Boulevard

Sta	+	H ₀	-	Elev	B.M.
13+25		26.40	5.56	19.84	
+50			5.36	20.04	
+75			5.30	20.10	
14			5.02	20.38	
+25			4.78	20.62	
+50			4.43	20.97	
14+69			4.33	21.07	
B.M. #	4.58	26.64	3.45	21.95	21.96
+75			5.42	21.12	
15			5.46	21.08	
+25			5.20	21.34	
+50			5.35	21.19	
+75			5.59	20.95	
16			5.54	21.00	
+25			5.75	20.79	
+50			5.77	20.77	
+75			6.05	20.49	
17			6.21	20.33	
+25			6.29	20.25	
+50			6.40	20.14	
# +56.5	7.15	27.21	6.48	20.06	

Third Street Sewer
Third & Boulevard

Sta	+	H ₂	-	Elev
B _{9m}		27.21	5.07	22.14 long sight
B _{9m}	6.19	26.88	6.52	20.69
B ₉			4.71	22.17
B ₉			2.41	24.47

Levels on Main Sewer from Sta 8+33.

B _{9m}	4.87	26.88		21.96	Grid S. Bd.
8+33			7.67	19.16	
+50			7.10	19.73	
+75			6.90	19.93	
9			6.64	20.19	
+25			6.47	20.36	
+50			5.81	21.02	
+75			6.08	20.75	
15			5.93	20.90	
B _{9m}			6.44	20.39	

4th & Bulwark.

4th near Sta 19+56.5

11th & Bd.

4th & alley W. cor.

Manhole on end of St.

Second & Bd.

Levels on Main Sewer

Sta.	+	HD	-	Elev	Check
B.M.	7.21	27.90		20.69	
17+56.5			7.84	20.06	
+ 75			7.40	20.50	
18			7.14	20.76	
+ 25			6.47	21.43	
+ 50			6.28	21.62	
+ 75			6.14	21.76	
19			5.87	22.03	
+ 25			5.47	22.43	
+ 50			4.97	22.93	
+ 75			4.98	22.92	
20			4.72	23.18	
+ 25			4.55	23.35	
+ 50			4.30	23.60	
+ 75			3.92	23.98	
21			3.30	24.60	
+ 25			3.23	24.67	
+ 50			2.60	25.30	
B.M.			5.73	22.17	22.18
+ 75 #	2.70	28.29	2.31	25.59	
22			4.16	24.14	

at Sta 17+56

475 B.M.

Levels on Main Sewer

Sta	+	NO	-	Elev
B.M.		28.29	3.20	25.09
N ₂ + 25				
+ 50			2.08	26.21
+ 75			2.53	25.76
23			2.83	25.46
+ 25			3.30	24.99
+ 50			3.83	24.46
+ 75			4.50	23.79
24			4.86	23.43
+ 25			5.45	22.84
+ 50			5.72	22.57
+ 75			6.18	22.11
25			6.28	22.01
+ 25			6.20	22.09
+ 50			6.29	22.00
+ 75 #	6.42	28.54	6.17	22.12
26 #			5.98	22.56
+ 25			5.82	22.72
+ 50			5.67	22.87
+ 75			5.36	23.18
27			4.89	23.65

race track
Spk in Post₂ near Paulson

Sta	+	H ₂ O	-	Blv	check
B. 9m.		28.54	2.30	26.24	<u>26.25</u>
B. 9m.			7.64	20.90	
B. 9m.	1.63	27.87		26.24	
27			4.22	23.65	
+ 25			4.07	23.80	
+ 50			3.94	23.93	
+ 75			3.93	23.94	
28			3.80	24.07	
+ 25			3.94	23.93	
+ 50			3.94	23.93	
+ 75			4.23	23.84	
29			4.49	23.38	
+ 25			4.57	23.30	
+ 50			4.63	23.24	
+ 75			5.29	22.68	
30			5.61	22.26	
+ 25			5.77	22.10	
+ 50			5.86	22.01	
+ 75			6.04	21.83	
31 25			5.85	22.02	

5th & Alameda
3/8 mile Post.

5th & Alameda

Sta	+	H ₀	-	Elev.
		27.87		
31+25 #	4.26	26.22	5.91	21.96
50 +75			4.26	21.96
32+75			4.25	21.97
32+25			4.41	21.81
25 +50			4.62	21.60
50 +75			4.53	21.69
33+75			4.87	21.35
33+25			4.60	21.62
+25 +50			4.55	21.67
50 +75			4.51	21.71
34+75			4.43	21.79
0.9m.			5.31	20.91

At 3/8 Post

check to find out Sta omitted

Sta	+	HO	-	Elv
27	4.93	28.58		23.65
+25			4.77	23.81
+50			4.67	23.91
+75			4.65	23.93
28			4.52	24.06
+25			4.66	23.92
+50			4.66	23.92
+75			4.94	23.64
29			5.21	23.37
+25			5.29	23.29
+50			5.35	23.23
+75#	3.79	26.34	6.03	22.65
30			4.11	22.28
+25			4.27	22.67
+50			4.36	20.99
+75			4.53	21.81
31			4.34	22.00
+25			4.40	21.94
+50			4.34	22.00
+75			4.54	21.84
32			4.76	21.59

26.34

+25

4.64 21.66

+50

5.00 21.34

+75

4.75 21.59

33

4.68 21.66

+25

4.66 21.88

+50

4.56 21.78

+75

4.56 21.78

Levels on Main Sewer from
Sta 27 to 33+50

Sta	+	H ₂	-	Elev
Bm	2.51	28.75		26.24
27			5.10	23.64
+25			4.93	23.82
+50			4.83	23.92
+75			4.81	23.94
28			4.68	24.07
+25			4.82	23.93
+50			4.82	23.93
+75			5.11	23.64
29			5.38	23.37
+25			5.47	23.28
+50			5.52	23.23
+75			6.18	22.57
30			6.49	22.26
+25			6.66	22.09
+50			6.76	21.99
+75 #	4.02	25.84	6.93	21.82
31			3.83	22.01
+25			3.89	21.95
+50			3.87	21.97
+75			4.04	21.80

Alameda St. 5th St.

Sta	+	HO	-	Elev
		25.84	*	
32			4.25	21.59
+ 25			4.16	21.68
+ 50			4.50	21.34
+ 75			4.23	21.61
38			4.17	21.67
+ 25			4.15	21.69
+ 50			4.05	21.79
B.M.			4.95	20.89 20.91

at 3/8 mile past

Levels on Main Service from Sta 2
to Sta 8+33

Sta	+	H.S.	-	Elev	B.M.
B.M.	3.36	24.21			20.85
2			5.05	19.16	
+ 25			4.57	19.64	
+ 50			4.37	19.84	
+ 75			4.05	20.16	
3			4.03	20.18	
+ 25			3.93	20.28	
+ 50			3.92	20.29	
+ 75			3.79	20.42	
4			3.83	20.38	
+ 25			3.63	20.58	
+ 50			3.87	20.34	
+ 75			3.89	20.32	
5			4.04	20.17	
+ 25			4.53	19.68	
+ 50			4.77	19.44	
+ 75			4.97	19.24	
6			5.22	18.99	
+ 25			5.34	18.87	
+ 50			5.52	18.69	
+ 75			5.46	18.75	
7			5.42	18.79	

1st & 2nd

Sta	+	H ₂	-	Elev
7+25		24.21	5.55	18.66
+50			5.30	18.91
+75			5.22	18.99
8			4.89	19.32
+25			4.54	19.67
+33			5.04	19.17
B.M.			3.80	20.41

Second & Backward.

Levels on Main Sewer on Coronado
Beach from Sta 33+50 to Sta 44+50

Apr 21 1891. Hamlin
Hensley

Sta	+	W	-	Elev	B.M.
B.M.	4.97	25.88			20.91
33+50			4.08	21.80	
+75			4.07	21.81	
34			3.77	22.11	
+25			3.87	22.01	
+50			3.81	22.07	
+75			4.14	21.74	
35			4.10	21.78	
+25			4.15	21.73	
+50			4.21	21.67	
+75			4.37	21.51	
36 #	4.00	25.53	4.33	21.55	
+25			3.99	21.56	
+50			4.23	21.32	
+75			3.97	21.58	
37			3.90	21.65	
+25			3.48	22.07	
+50			3.81	21.74	
+75			4.08	21.47	
38			3.65	21.90	
+25			3.46	21.69	

at 3/8 mile post.

Sta	+	HO	-	Elev	B.M.
38+50		25.55	4.28	21.27	
+75			4.36	21.19	
+98			4.02	21.53	
B.M.			1.50	24.05	24.05
39+25			3.90	21.65	
+50			3.72	21.83	
+75			3.72	21.83	
40			3.57	21.98	
+25			3.20	22.35	
+50 #	6.43	28.69	3.29	22.26	
+75			6.25	22.44	
41			5.76	22.93	
+25			5.67	23.02	
+50			5.39	23.30	
+75			5.03	23.66	
42			4.68	24.01	
+25			4.59	24.10	
+50			4.64	24.05	
+75			4.42	24.27	
43			4.37	24.32	
+25			4.59	24.10	

Seventh St. Sewer
 Sta at 1/2 mile Post.

Sta	+	HO	-	Blv	Bm
43+50		28.69	4.75	23.94	
+ 75			4.90	23.79	
44			5.25	23.44	
+ 25			5.32	23.37	
+ 50			5.94	22.75	
Bm			2.60	26.09	

24k top of Post

Index for sun pipe

101.13

Sta	+	H ₂ O	Gauge	Prod	
BM.	4.14	24.99			20.85
+68			14.75	10.24	✓
+80			14.78	10.21	✓
+92			14.81	10.18	11.23
2+09			14.84	10.15	11.20
+16			14.87	10.12	
2+22			10.18	14.81	
			10.13	14.84	

18 1/2' Rod

$$\begin{array}{r} 14.81 \\ 14.81 \\ \hline 14.10 \end{array}$$
 14.10

top of 8" pipe on 1st Sta.

$$\begin{array}{r} 14.81 \\ 14.81 \\ \hline 14.09 \end{array}$$

Sta 27

2.86

26.51

23.65

24 + 75

16.14

10.37

16.16

10.35

16.18

10.33

16.20

16.22

Grades for Iron Pipe

Sta	+	H.O	Grade	Rod	
Bm	4.51	25.36			20.83
+96			14.57	10.79 ✓	
+108			14.60	10.76 ✓	
+120			14.63	10.73 ✓	
+132			14.66	10.70 ✓	
+144			14.69	10.67 ✓	
+156			14.72	10.64 ✓	
+168			14.75 ✓	10.61 ✓	
+180			14.78 ✓	10.58 ✓	
+192			14.81 ✓	10.55 ✓	
2+04			14.84 ✓	10.52 ✓	
+16			14.87	10.49 ✓	

23.36
19.53

44.50
33.50
11.00
1.79

10.83

18" Rod		
13.67		13.52
1.05		10.05
<u>14.72</u>		14.57
13.70		13.55
1.05		1.05
<u>14.75</u>		14.60
13.73		13.58
1.05		1.05
<u>14.78</u>		14.63
13.76		13.61
1.05		1.05
<u>14.81</u>		14.66
13.75		13.64
1.05		1.05
<u>14.80</u>		14.69
13.82		
1.05		
<u>14.87</u>		

Sta	Grade	Grade	Grade	Grade
		23.88	See next page	
0	13.27	10.61	14.32	9.56
+12	13.30	10.58	14.35	9.53
+24	13.33	10.55	14.38	9.50
+36	13.36	10.52	14.41	9.47
+48	13.39	10.49	14.44	9.44
+60	13.42	10.46	14.47	9.41
+72	13.45	10.43	14.50	9.38
+84	13.48	10.40	14.53	9.35
+96	13.52	10.36	14.57	9.31

23.88

25.56
14.57

10.79

23.36
13.88

9.48

14.72
9.56

4.16

25.56
21.53

4.03

10.56
1.27

9.29

10.56
2.05

8.51

10.56
1.50

9.06

Sta	+	H ₂	-	Elev.	Inch	rod
B.M.	3.03	23.88		20.85		
0					14.32	9.56
+12					14.29	9.59
+24					14.26	9.63
+36					14.23	9.66
+48					14.19	9.69
0			5.77	18.11		
0			5.72	18.16		
+25			5.29	18.59		
+50			5.27	18.61		
+75			5.37	18.51		
1			5.37	18.51		

15th & Palm St

check
new plug

13.14	
1.05	
<u>14.19</u>	
13.27	
1.05	
<u>14.32</u>	
13.24	
1.05	
<u>14.29</u>	
13.18	
1.05	
<u>14.23</u>	
13.14	
1.05	
<u>14.19</u>	

13.21	
1.05	
<u>14.26</u>	

1091 22.85 23.85

12.85

12.88

12.92 10.93 0.7

12.95 10.90 1.2

12.98 10.89 1.7

13.02 10.88 2.1

13.05 10.90 1.9

13.08 10.99 2.0

13.11 10.76 2.0

Sta	+	HD	Grade	Road	-	Bliss
B.M.	3.00	23.85				20.85
1+56			13.90	9.95	✓	
1+44			13.93	9.92	✓	
1+92			13.97	9.88	✓	
1+20			14.00	9.85	✓	
1+08			14.03	9.82	5.74	18.11
1+08			14.03	9.82	✓	
0+96			14.05	9.80	✓	
0+84			14.10	9.75	✓	
0+72			14.13	9.72	✓	10.77
0+60			14.16	9.69	✓	10.74
+48			14.19	9.66	✓	10.71
+36			14.23	9.62		10.67
+24			14.26	9.59		10.64
+12			14.29	9.56		10.61
0			14.32	9.53		10.58

18.21 B.L.

18.27
 1.05
 14.32
 18.21
 1.05
 14.26
 18.21
 1.05
 14.25

18.08
 1.05
 14.13
 18.14
 1.05
 14.19
 13.18
 1.05
 14.23
 18.21
 1.05
 14.26

Levels on outlet of Main Sewer in
Cerrada Beach

Sta	+	H.D	=	Ch	
0 9	20.85	23.42	2.57		181.81
0			5.32	18.10	
-(+ 25)			6.2	17.2	
-(+ 50)			7.5	15.9	
-(+ 75)			8.5	14.9	
-1			8.4	15.0	
-(1+25)			9.4	14.0	
-(+ 50)			10.2	13.2	
-(+ 60)			10.6	12.8	

14.88
7
11.54

25.70
21.88
3.82

20.39
5.31
25.70
21.92
3.78

24.90
2690

25.70
21.94
3.76

- 20.85 top of Plug SW cor 1st & 8d.
- 20.39 " " " SW cor 2nd & 8d
- 21.96 " " " NE cor 2nd & 8d.
- 20.69 " " New Palm tree at Sta 17+56.5
- 22.17 " " Alley & 4th St
- 22.18 " " NE cor of 4th & 8d
- 25.09 top of Post in race track near
- 20.91 " post near 3/4 mile cor.
- 24.09 " " " 1/2 mile cor.

20.39

line of trees

$$\begin{array}{r} 16.85 \\ 5.75 \\ \hline 20.60 \end{array}$$

B.M.

Sta	+	H ₂	-	Elev.
	517	27.13		21.96
B.M.	6.19	26.88	6.44	20.69
B.M.			4.71	22.17

15.50
6
21.56

27.14
21.58
5.56

Sta 14 + 56.5 near Palm Hill

No. 2. Line

Cornado Beach Bench

8 th + Alameda	Sp. K. post. Marley	26	12
	Row of trees		
9 th + "	On ply NW Cor	23	23
10 th + "	" SE "	23	13
Oliver + "	" SE "	24	12
Volita + "	NW Cor Blk 20	27	15

528° 528° } 3000
 3188 } .066
 .06

303
 186

305
 218
 87

186
 87
 40

240

306
 15
 88

186
 88
 98
 2
 196

27

305
 203
 100

305
 200
 100

86
 2
 132

Beaches - Coronado Beach

8	Bond + Palm	top plug SW Cor Blk 62	20.85
"	72 ^h	" SW Cor	20.39
9	73	" NE "	21.96
10	74 ^h	" NE "	22.18
all in track inside fence	} Sp top post in fence on line of trees in Boulevard		25.09
		Sp in post near 3/8 post	20.91
		" " NE 1/2 post	24.05
Bond 78 ^h	top plug	NE Cor	19.87
" 79 ^h	"	SE Cor	19.09
" 710 ^h	"	NE "	19.78
" 711 ^h	"	NE "	20.00

17.50
8.30
9.20
3.33

222
111
188

321
305
6

222
111

333
188
521
411
110

305

222
2
409

305
222
83

108

200
461

212
100

222

521

604

211

73

305

222

83

Course #1 Mag 8 20° 40' 71

2.1
68
32

26.08	13 59		
	9		
	21. 59	4. 49	
	21. 61	4. 47	
	21. 63	4. 45	7
	21. 65	4. 43	
	21. 67	4. 41	

26.54
5.47
21.07

75
69
6

14.55
13.85
70

12.65

4.40
20.39

1.03

26.19
3.97
21.22

4.75
1.05
10.1

7.00
5.97
1.03



12.5

5.64
20.39

20.87
14.90

12.54
1.05
11.8

6.97

26.07
5.20
20.87

Aug 0° 0

20.85
91

12.85
1.05
13.90

23.72
12.85
10.87

13.05
1.05
14.10

27.21
21.90
5.25

12.88
1.05
13.93

9+50 + 1' 31"

12.97
1.05
13.92

8.55
9.22
5.11 9.5

12.95
1.05
14.00
12.85
1.05
13.90

13.08
1.05
14.13

21.65
13.65
8.00

23.45
12.85
1.05
14.08
11.83
19.77

12.92
1.05
11.87

12.93
1.05
11.90