

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

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

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

INDEXED

Completely
except page # 59

MICROFILMED

APR 13 1965

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.032	.035	.039	.043	.047	.051	.055
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.066	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.266	.353	.440	.528	.617	.707	.797	.877	.977	1.07	1.18	1.29
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

INDEX

Index Cont.

2

	Page		Page
stake, Crows feet Electric ave Midway to forward	50-52	stake Cavilla ave Pressure Sewer	
stake 6" sewer in alley BIK. 337 Croates add. -	53	stake Water Main La Jolla St Nashville to 184' N.W.N.	
Grades in alley N. 5 BIK 43 Normal Hghts. -	54	stake Water Services Bangor st Harbor View to Jennings	
stake 4" 15' & 6" Electric ave Midway to Forward	55-57	stake C.C.I. Pressure Sewer Camino De la Costa & La Canada	
stake Sewer Calle de la Plata DMH #13 to DMH #2	58	stake Cbs. Kellog park	
stake Cbs. No. Evergreen & Rosacruz	60-62	stake pressure sewer Girard & Jenner st. Coast Blvd. to wall	
stake storm drain on Ath. ave No. of Arbor Dr.	64	check Elev. of stairway at pump station Jenner & Coast Blvd.	
stake storm drain along Sierra Mar dr. near Amatti st.	65	stake water main Bangor st. Harbor Dr. to Jennings.	
stake 8" Water main La Jolla Rancho Rd.	66-67	stake water line La Jolla Scenic Drive	
stake Water Services & Sewer lat. BIK. 172 Mission Beach	68-73	stake pressure sewer Coast Blvd. So. & Pearl st.	
stake Water Services & Sewer lat. BIK 171 Mission Beach	74	stake 6' Sewer BIKs 175 & 176 Mission Beach	
stake Alley BIK 174 Mission Beach	75 & 76	stake Cbs. Muirland Dr.	
stake Alley BIK. 175 Mission Beach	77	stake alley for paving BIK 172 Mission Beach	
stake Water Services BIK 176 Mission Beach	78	stake alley for paving BIK 171 Mission Beach	
stake Water Services BIK. 175 Mission Beach	79	stake Drain in alley BIK 171 Mission Beach	
stake Water Services BIK. 180 Mission Beach	80	stake alley - for paving BIK. 176 Mission Beach	
stake Water Services BIKs 179 & 180 Mission Beach			
stake alley 57 Normal Hghts.			
stake rough grades Diamond st, Cass } to W. Line North Shore Highlands			
stake Water Services & Sewer lat. & Retaining Walls Alley BIK 9 City Hghts. Annex #2			
stake Alley BIK. 9 City Hghts. Annex #2			
stake Alley BIK. I City Hghts Annex #2			
stake 6" Water Main Boston Ave. } to East 33rd.			
stake Pressure Sewer Trunk Sewer I			
Farm Glen st.			
stake Sewer in alley BIKs. 171 & 172 Mission Beach			
stake Bird Rock Ave Press. Sewer			
stake Water services Goldart Park Ave			
stake Water Services Alley BIK 57 Normal Hghts.			

State Crows Feet
Electric Ave Midway to Forward

3

\$						
4132.69	INDEXED MAY 26 1950		6.48	86.26		5.49 - 87.25
4103.14			6.69	86.05		5.69 - 87.05
3177.58			6.90	85.84		5.89 - 86.85
3144.03			7.10	85.64		6.09 - 86.65
T.P. 3114.48	6.70	92.74	4.58	86.04		92.74 4.17 - 86.45
2184.92			5.40	85.22		4.37 - 86.25
2155.37			5.61	85.01		4.57 - 86.05
2125.81			5.81	84.81		4.77 - 85.85
1196.26			6.02	84.60		4.97 - 85.65
1166.70 2↑			6.23	84.39		5.17 - 85.45
1137.15 BC			6.44	84.18		5.37 - 85.25
1104.16			6.66	83.96		5.59 - 85.03
0171.16			6.89	83.73		5.82 - 84.80
0138.16	ECC 6.11		7.12	83.50		6.05 - 84.57
0100	PK on RT.			83.32 Ex pay		(84.34) Ex pay 6.28 - 84.25
BM	5.02	90.62		85.60		SF L&T Midway & Electric

		520	87.54 Ex.		
	PK Lt.	524	87.50 Ev G.		
5180.49	CB PCRH	5.46	87.28	4.49	88.25
5150.97		5.66	87.08	4.69	89.05
5121.37		5.86	86.88	4.89	87.85
491.81		6.07	86.67	5.09	87.65
462.25		6.27	86.47	5.29	87.45

92.74
X

8-25-49 Stake 6" Sewer in Alley
 Hendricks Block 337 Choates Add.
 Roberts
 Bunch
 Gregory
 W64 20334

5

INDEXED
 MAY 26 1950

BM 1520 4201 420

↳ Paving 641100 FB1340 P.79

1480 DE.

0.09 57.12 45.12 C1200

1450

1.65 55.56 43.62 C1194

1420

4.08 53.13 42.12 C1101

0490

5.81 51.40 40.62 C1078

0460

8.42 48.79 39.12 C967

0430

13.08 44.13 37.62 C651

0400 MH #1 E 32nd St & Alley

14.61 42.60 36.12 C648

T.P. 8.33 57.21 11.87 48.88

BM 0.22 60.75

60.53

SW Top Elyst Ocean View E 32nd.
 (FB1340 P.79)

Set Grades in Alley
 H & S Block 43
 Normal Hts.

INDEXED
 MK
 MAY 26 1950

To Determine proposed
 Change in Grade to fit
 Existing Garages

6

Elev.
 Proposed
 Grade

CK-B19

4.94

390.06 390.00

R Single Gar 11.4 Lt 0+58 FB 1759 P-20

2+84 Lt.

5.12 389.78 389.23 C0.55

2+56 S Lt.

5.15 389.75 389.27 C0.48

2+40 Lt.

5.28 389.42 389.28 C0.14

2+29 Rt.

5.61 389.29 389.12 C0.17

2+08 Lt.

5.57 389.33 389.24 C0.09

2+04 Rt.

5.29 389.61 389.08 C0.53

0+58 Lt.

4.76 390.14 388.62 C1.52

0+47 Rt.

4.87 390.03 388.29 C1.74

0+16 Rt.

5.14 389.76 387.52 C2.24

0+00 No line Madison

394.90

B17

4.43

394.90

390.47

NE 7' Lt 36th & Madison

Stake 45 & Electric Ave.
Midway to Forward

92.20

7

1+37.15 B.C.					
1+66.70					
1+96.26					
2+25.81					
2+55.37					
2+84.92					
3+14.48					
3+44.03					
3+73.58					
4+03.14					
4+32.69					
4+62.25					
4+91.81					
5+21.37					
5+50.97					
5+80.49 C.B. & R. Forward					

T.P. 3.28 91.87 4.65 88.59
B.M. 7.64 73.24 85.60

Gut	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	Gut
84.19	84.82	85.22	85.36	85.25
84.39	85.02	85.42	85.56	85.45
84.60	85.22	85.62	85.76	85.65
84.81	85.43	85.83	85.96	85.85
85.01	85.64	86.03	86.16	86.05
	(6.36)	(5.97)	5.84	
85.22	85.84	86.23	86.36	86.25
	(6.15)	(5.76)	(5.64)	
85.43	86.05	86.44	86.56	86.45
	(5.95)	(5.86)	(5.43)	
85.64	86.25	86.64	86.77	86.65
	(5.74)	(5.36)	(5.23)	
85.84	86.46	86.84	86.97	86.85
	(5.54)	(5.15)	(5.03)	
86.05	86.66	87.05	87.17	87.05
	(5.33)	(4.95)	(4.83)	
86.26	86.87	87.25	87.37	87.25
	(5.12)	(4.75)	(4.63)	
86.47	87.08	87.45	87.57	87.45
	(4.92)	(4.54)	(4.42)	
86.67	87.29	87.66	87.78	87.65
	(4.71)	(4.34)	(4.22)	
86.88	87.49	87.86	87.98	87.85
	(4.51)	(4.14)	(4.02)	
87.08	87.69	88.06	88.18	88.05
	(4.30)	(3.93)	(3.82)	
87.28	87.90	88.27	88.38	88.25

SE L&T Midway & Electric

0400 P.H.R.

0438.16 ECC614

0471.16 P.H.R.

1404.16

83.50	84.14	84.53	84.67	84.57
83.73	84.37	84.76	84.90	84.80
83.91	84.60	84.99	85.12	85.03

9-12-49 Stake Sewer Calle Dela Playa
 Hendricks DMH 43 to DMH 43
 Roberts DW9 1381 D
 Greer
 Bunch
 No# 31339

INDEXED
 MAY 26 1950

3+58.19

3+32.60

3+07.02

2+81.43

2+55.85

2+30.26

2+04.68

1+79.09

1+53.51

1+27.92

1+02.34

0+76.75

0+51.17

0+25.58

0+00 DMH 443

BM. 5.77 9.77
 T

4.00

5.32 4.45 -9.74 14.19

5.12 4.65 -9.66 14.31

4.88 4.89 -9.58 14.47

4.87 4.90 -9.51 14.41

4.70 5.07 -9.43 14.50

4.51 5.25 -9.35 14.61

4.45 5.32 -9.28 14.60

4.28 5.49 -9.20 14.69

4.15 5.62 -9.12 14.74

3.88 5.89 -9.05 14.94

3.86 5.91 -8.97 14.88

3.72 6.05 -8.89 14.94

3.61 6.16 -8.81 14.97

3.46 6.31 -8.74 15.05

3.42 6.35 -8.66 15.01

On R nail 4+40.98 Calle de la Playa
 (FA 1857 P. 6)

Contd. from p. 9

10

5+11.69 DMH #3

5.60 4.17 -10.20 14.37

4+82.11

5.96 3.81 -10.12 13.93

4+60.52

5.58 4.19 -10.05 14.24 ✓

4+34.94

5.54 4.23 -9.97 14.20 ✓

4+09.30

5.82 4.25 -9.87 14.14 ✓

3+83.77

5.35 4.42 -9.82 14.24

9.77
4.

9.19.49 State Obs No. Evergreen

Hendrick & Rosecrans

Roberts

Greer

Bunch

WOT 31409

11

INDEXED

MAY 26 1950

0+63	759	452	4.32	
0+44.68	412	287	4.12	
0+37.44 EC	430	281	4.00	
0+26.08	414	287	3.87	
0+13.04	427	281	3.83	
0+00 BC RI	455	256	3.80	FO 24
			4.00	FO 24
BM	J.V.I	8.11		2.70

EC on the Evergreen	4.09	4.02	4.23	FO 24
#1	4.10	4.01	4.25	FO 24
BC (H) on Rosecrans	4.21	3.90	4.60	FO 20
			4.80	FO 20

9-27-49
Hendricks
Roberts
Greer
Bunch
NO# 62142

Stake Storm Drain
on 4th Ave. North of Arbor Dr
DWG. 7510 L

INDEXED

MAY 26 1950

1+40

1+30

1+20

T.P. 0.43 232.85 12.41 232.42

1+02

T.P. 1.22 244.83 12.90 243.61

0+94

0+86

0+78

T.P. 1.36 256.51 10.17 255.15

0+70

0+56.62 EC

T.P. 0.31 265.32 12.12 265.01

0+47.10

0+38.62 BC

0+30

0+20

BM 12.12 277.13 265.01

0+00 EX. CL. Inlet

BM 2.84 291.87

289.03

offset

3' RT 14.15 218.70 215.66 C3.04

7' LT 9.60 227.25 220.66 C2.59

" 3.91 228.94 226.00 C2.94

" 5.50 239.33 236.50 C2.83

" 12.90 243.61 240.82 C2.79

" 8.38 248.13 244.82 C3.31

" 5.16 251.35 248.53 C2.82

" 10.17 255.15 251.86 C3.29

" 2.90 262.42 257.42 C5.00

" 16.52 266.61 261.03 C5.58

" 8.34 268.79 263.26 ⁰⁺⁴⁰ Not Staked

" 8.34 268.79 263.73 C5.06

" 5.20 271.97 266.66 C5.31

" -0.38 276.75 269.76 C6.99

FB1864 P29

on P.I. 314

0+47.23 17.44 274.33 275.36

JEV L&T
Arbor & 4th Ave

10-6-49
Hendricks
Roberts
Greer
Bunch
HO# 20567

Stake Storm Drain
along Sierra Mar Drive
Near Amalfi St.

DWG 3795 B

FB 2044 original Notes

13

INDEXED

MAY 26 1950

2+42.82	EC. Exst. 16" Conc. Pipe				8.64	129.32	129.43	
2+31.02					4.11	128.50	133.96	C5 ⁴⁶
2+19.22	BL				4.77	127.70	133.30	C5 ⁶⁰
1+93.00					4.10	125.91	133.97	C8 ⁰⁸
1+66.77					6.42	124.12	131.65	C7 ⁵³
	TP. 10.10	138.07	2.50	127.97				
1+40.55	EL				2.05	122.33	128.42	C6 ⁰⁹
1+30.60					3.81	121.65	126.66	C5 ⁰¹
	TP 4.65	130.47	0.67	125.82				
1+20.65	BC				0.67	120.97	125.82	C4 ⁸⁵
1+00.37					3.83	119.58	122.66	C3 ⁰⁸
0+80.1	Connect to Exst. Wooden Culvert				8.13	118.2	118.26	
BM.	12.87	126.49		113.62				TOP H.W. 0100 (FB 2044)

11-1-49
Hendricks
Smith
Greer
W0 # 60020

Stake 8" water main
La Jolla Rancho Road
Ref. - W.D.D. - C-312

14

						Elev. stake	N. Behm's Elev. G.C.	C
7+00						5.2	556.7	552.8 C32
7+50						5.8	556.1	551.8 C4 ³
8+00						6.9	555.0	550.8 C4 ²
8+50						8.3	553.6	550.0 C3 ⁶
9+00						9.2	552.7	549.5 C3 ²
9+50						9.7	552.2	549.1 C3 ¹
10+00						9.6	552.3	548.8 C3 ⁵
10+50						8.9	553.0	548.6 C4 ⁴
11+00						9.3	552.6	548.3 C4 ³
IP	8.85	551.85	2.05	553.03				
11+50						2.0	553.1	548.1 C5 ⁰
12+00						2.1	553.0	547.8 C5 ²
12+50						2.3	552.8	547.3 C5 ⁵
13+00						4.2	550.9	545.7 C5 ²
13+50						6.9	548.2	543.2 C5 ⁰
14+00						10.3	544.8	540.2 C4 ⁵
14+50						13.1	542.0	537.3 C4 ²
15+36.59							532.0	
BM	10.69	555.09		544.39				SE Top Hyd T. La Jolla Rancho Road & Scenic Dr.

INDEXED
MAY 26 1950

Water Main Contd.

15

					Elev. Stage	4' Below & Elev. Gr	G
BM	7.84	527.53	527.51	Mon. SE La Mesa Dr. & Pescanso Rd.			
T.P.	0.43	535.37	11.74	535.80			
T.P.	7.59	547.54	9.26	539.95			
0+00	E La Mesa Dr. & Rancho Rd.						
0+33	Connect to Ev. Gate					535.9	
1+00					8.3	540.9	536.6 C4 ³
1+50					7.4	541.9	537.7 C4 ¹
2+00					6.8	542.4	538.7 C3 ⁷
2+50					5.0	544.2	540.1 C4 ¹
3+00					2.8	546.4	541.9 C4 ⁵
T.P.	0.64	549.21	13.31	548.57			
3+50					13.3	548.6	544.3 C4 ³
4+00					10.7	551.2	546.6 C4 ⁵
4+50					8.4	553.5	549.1 C4 ⁴
5+00					7.0	554.9	551.0 C3 ⁹
5+50					5.0	556.9	552.4 C4 ⁵
6+00					5.2	556.7	553.1 C3 ⁶
6+50					4.8	557.1	553.2 C3 ⁹
		541.88					

11-2-49
 Hendricks
 Smith
 Greer
 710731330

State Water Services
 & Sewer Laterals
 Block 172 Mission Beach
 DWG. 4781-K
 - Lt. Elev. Stacc Elev. Gr. Cor F.

INDEXED
 MK
 MAY 26 1950

			- Lt. Elev. Stacc	Elev. Gr.	Cor F.		- Rt. Elev. Stacc	Elev. Gr.	Cor F.
TP		7.91	-0.76			2 Disc. 0-05 Alley Block 171			
1461 (W) Rt.							6.82	0.32	0.21 CO ¹¹
1456 (W) Lt.		6.48	0.67	0.30	CO ³⁷ ✓				
1414 (W) Lt.		5.62	1.53	0.85	CO ⁶⁸ ✓				
0193 (W) Rt.							5.01	2.14	1.31 CO ⁸³ ✓
0180.48 (W) Lt. new		5.33	1.82	1.73	CO ⁰⁹ ✓				
0168 (W) Rt.							4.66	2.49	2.19 CO ³⁰ ✓
0142 (W) Lt.		2.71	4.44	3.53	CO ⁹¹ ✓				
0132 (W) Rt.							3.19	3.96	4.09 FO ³
0128 (W) Rt.							3.02	4.13	4.33 FO ²⁰
0100	E Line Strandway								
T.P.	6.35	7.15	8.94	0.80					
BM	2.55	9.74			7.19	SWIBB Mission Beach Sea Wall & Santa Clara Pl.			

11-2-49
Hendricks
Smith
Greer

State Water Services
& Sewer Laterals
Block 171 Mission Beach
Dwg. 6781-K

17

INDEXED

MAY 26 1950

	Fl. Stake	Elev. S	Corr F	Sta.	Rt	Fl. Stake	El. Grade	Corr F	
	554	-0.87	-0.87	CK, R	245797	FB1393	R 64		
2+49.15 5(3)	522	-0.55	-6.51	FL at PL				CS ⁹⁵ ✓	
2+41.68	540	-0.73	-0.76					CO ⁰³ ✓	
2+29	556	-0.89	-0.86		2+41.55(4)	549	-0.82	-6.39	CS ⁵⁷
1+97.66 5(2)	564	-0.97	-6.09	FL at PL	2+34.75	550	-0.83	-0.91	FO ⁰²
1+88.64	542	-0.75	-1.04		2+12	562	-0.95	-0.98	CO ⁰³
1+69.64 5(1)	556	-0.89	-5.97	FL at PL	1+76	562	-0.95	-1.04	CO ⁰⁹ ✓
1+60.62	559	-0.92	-1.00		1+51	543	-0.76	-0.98	CO ²²
1+48	564	-0.97	-0.97		1+22	530	-0.63	-0.90	CO ²⁷
1+11	518	-0.51	-0.87		0+88	543	-0.76	-0.81	CO ⁰⁵
0+94	527	-0.60	-0.83		0+67	518	-0.51	-0.75	CO ²⁴ ✓
0+66	494	-0.27	-0.75		0+48	514	-0.47	-0.70	CO ²³ ✓
0+38	506	-0.39	-0.68						
0+00 & Alley @ E Line Mission Blvd.									
BM	543	4.67	-0.76	& Disc	0-05				

11.3.49 State Alley Block 174
 Hendricks Mission Beach
 Smith Dwg 6782-L
 Greer
 WO# 31330

18

	- Lt.	El. Stake	El. Gr	Cor F.	- Rt.	Elv. Stake	El. Grade	Cor F.
--	-------	-----------	--------	--------	-------	------------	-----------	--------

INDEXED
 MAY 26 1950

0+53.33	4.75	5.60	5.66	FO ⁰⁶	4.40	5.95	5.69	CO ²⁵
0+47.33	3.83	6.52	5.72	CO ⁸⁰	4.50	5.85	5.82	CO ⁰³
0+41.33	2.81	7.54	5.98	CI ⁵⁶	4.11	6.24	6.04	
0+20	2.43	7.92	6.80	CI ¹²	3.01	7.34	6.83	
0+10	2.93	7.42	7.07	CO ³⁵	2.64	7.71	7.08	
0+00 going west			7.09				7.09	
BM	3.16	10.35	7.19	SWBP sea wall Santa Clara Pl.				

11-2-49 Stake Alley Block 175
 Hendricks Mission Beach
 Smith
 Greer
 W O# 31390

19

INDEXED

MAY 26 1950

	Lt.	Elev. Stake	Elev. Grade	Cor F		Rt.	Elev. Stake	Elev. Gr.	Cor F.
T.P.	11.10	-0.75			2 Alley L&D Disc. 5' off E Line Mission Beach.				
1+80.72	N Line 177153104 Pl.		-0.05					-0.04	
1+66.87		9.96	9.49	0.05	C 0.44 ✓	10.18	0.17	0.05	C 0.3 ✓
1+66.31	S (R)	—	—	—		10.14	0.23	-3.39	C 3.6 ✓
1+56.31	(W R)	—	—	—		10.16	0.19	0.12	C 0.7 ✓
1+46.87		9.75	0.60	0.18	C 0.42 ✓	10.24	0.11	0.18	F 0.7 ✓
1+31.32	S (R)	—	—	—		10.20	0.15	-2.55	C 2.2 ✓
1+26.87		9.69	0.67	0.32	C 0.35 ✓	10.08	0.27	0.32	F 0.5 ✓
1+21.32	(W R)	—	—	—		9.94	0.41	0.40	C 0.7 ✓
1+06.87		9.69	0.67	0.63	C 0.04 ✓	9.64	0.71	0.63	C 0.9 ✓
0+86.87		9.01	1.34	1.26	C 0.08 ✓	9.14	1.21	1.26	F 0.05 ✓
0+66.87		7.82	2.53	2.24	C 0.19 ✓	7.37	2.98	2.24	C 0.7 ✓
0+46.87		6.61	3.74	3.54	C 0.20 ✓	6.53	3.82	3.54	C 0.28 ✓
0+26.87		4.84	5.51	5.01	C 0.50 ✓	5.04	5.31	5.01	C 0.30 ✓
0+06.87		3.39	6.96	6.48	C 0.48 ✓	3.49	6.86	6.48	C 0.38 ✓
0+00			6.96					6.95	
B.M.	3.16	10.35		7.19	3rd B.P. Sea Wall Santa Clara Pl.				

11-3-49 Stake Water Services Alley BK 176
 Hendricks Mission Beach
 Smith Dwg. 6782-L
 Greer
 W.D.# 31330

Sta Lt.	Lt.	Elev. Stake	Elev. Gr.	Cor. F.	Sta.	Rt.	Elev. Stake	Elev. Gr.	Cor. F.
---------	-----	-------------	-----------	---------	------	-----	-------------	-----------	---------

INDEXED

MAY 26 1950

Note: Elevs are taken on
 stub 2' West of & of Meter
 Box and are marked for
 grade at & Box.

Sta Lt.	Lt.	Elev. Stake	Elev. Gr.	Cor. F.	Sta.	Rt.	Elev. Stake	Elev. Gr.	Cor. F.
					592		-1.37		(Fl. at PL) -6.09 CH ⁷²
2+27		5.67	-1.12	-0.89	FO ²³	2+52+3	5.92	-1.37	-0.89 FO ⁴⁸
2+01		5.50	-0.95	-0.85	FO ¹⁰	1+83	5.31	-0.76	-0.82 CO ⁰⁶
1+61		5.25	-0.70	-0.79	CO ⁰⁹	1+55	5.20	-0.85	-0.78 FO ⁰⁷
1+54		5.21	-0.66	-0.78	CO ¹²	1+26	5.07	-0.52	-0.60 CO ⁰⁸
1+08		4.58	-0.03	-0.47	CO ²⁴				
0+79		4.45	0.10	-0.30	CO ⁴⁰	0+85	4.88	-0.33	-0.31 FO ⁰²
					0+30	4.67	-0.12	-0.36	CO ²⁴

0+00 E Line Mission Blvd. & Alley

BM	5.30	4.55		-0.75	& L& Disc.	5' West of E Line Mission Blvd
		4.65				

11-3-49 Stake Water Services
 Hendricks BIC 180 Mission Beach
 Smith
 Green
 W 04/31330

Dwg. 6782A-L

547

22

519

- 41

El. Stake

El. Gr

Cor. F

Sta

- Rt.

Elev. Stake

El. Gr

Cor. F

INDEXED

MAY 26 1950

1+45 (9)

5.42

- 0.32

- 3.99

C3.67 ✓

1+40

5.36

- 0.19

0.37

FO⁵⁶

1+28

5.00

0.17

0.44

FO²⁷ ✓

1+04

- 3.86

1.31

0.70

CO⁶¹ ✓

0+63

2.06

3.116

2.78

CO³³ ✓

0+94

3.77

1.40

1.04

CO³⁶

0+53

1.15

4.02

3.68

CO⁵⁴

0+69

2.73

2.44

2.38

CO⁰⁶

0+28

+ 0.82

5.99

5.47

CO⁸²

0+23

+ 0.45

5.62

5.88

CO²⁶

0+00 E Line ^{Street Way} Mission Blvd

B17

5.92

5.17

- 0.75

L&VISC (P. 20 This Book)

11-3-49
Hendricks
Smith
Greer
W0431330

State Water Services
BKS 1798178 Mission Beach
DWG. 6782A-L

23

INDEXED

Sta.	EL.	EL. Stake	EL. Gr.	Cor. F.	Sta.	EL.	EL. Stake	EL. Gr.	Cor. F.
0125	5.55	-0.70	-0.95	CO ²⁵	0131	5.69	-0.84	-0.87	CO ⁰³
0100 E.L. Bayside Lane					2121	5.47	-0.62	-0.98	CO ³¹
1178	5.08	-0.23	-0.58	CO ³⁵	0190 (13)	5.11	-0.26	-3.99	CO ⁷³
1174	5.15	-0.30	-0.55	CO ²⁵	0185	5.41	-0.24	-0.24	CO ⁰⁰
1142 (12)	5.29	-0.44	-3.12	CO ²⁸	1197	5.43	-0.58	-0.74	CO ⁶⁶
1137 NEW	5.06	-0.21	-0.29	CO ⁰⁵	1165 (41)	4.86	-0.01	-5.46	CO ⁶⁵
1109	4.94	-0.09	-0.28	CO ⁹¹	1160	5.29	-0.44	-0.44	CO ⁰⁰
TP. 5.10 4.85	5.42	-0.25			1143	5.10	-0.25	-0.31	CO ⁰⁶
0178	5.63	-0.46	-0.24	FO ²²	1111	5.06	-0.21	-0.28	CO ⁰⁴
0166	5.49	-0.32	-0.25	FO ⁰¹	0166	5.15	0.02	-0.28	CO ²⁷
0129	5.47	-0.30	-0.34	CO ⁰⁴	0129	5.56	-0.39	-0.34	FO ⁰⁵
0100 E Line Mission Blvd.					0122	5.76	-0.59	-0.36	FO ²³
B17	5.92	5.17		-0.72					

11-4-49
Hendricks
Smith
Greer
W.D.# 31369

State Alley Block 57
Normal Hts.
Dwg. 7519-L

24

Sta	- Lt	Elev. Stake	El. Grade	Cor. F	offset	- Rt	El. Stake	El. G.	Cor. F	offset
T.P. 563	389.11	4.35	389.48							
2+00	5.17	382.66	382.48	CO ¹⁸	2'	5.11	382.72	382.48	CO ²⁴	2'
2+27	4.59	383.24	382.36	CO ⁸⁸	170'	5.59	382.24	382.36	FO ¹²	2'
2+74	4.98	382.85	382.25	CO ⁶⁰	190'	5.29	382.54	382.25	CO ²⁹	2'
3+11	5.10	382.73	382.14	CO ⁵⁹	170'	5.40	382.43	382.14	CO ²⁹	2'
3+48	5.40	382.43	382.03	CO ⁴⁰	050'	5.11	382.72	382.03	CO ⁶⁹	2'
3+55	5.35	382.48	381.92	CO ⁵⁶	2'	5.23	382.60	381.92	CO ⁶⁸	2'
4+22	5.06	382.77	381.81	CO ²⁶	2'	4.65	383.18	381.81	CI ³⁷	0.05 inside
4+59	4.97	382.86	381.70	CI ¹⁶	2'	4.69	383.14	381.70	CI ⁴⁴	2'
4+96	5.01	382.82	381.59	CI ²³	2'	4.75	383.08	381.59	CI ⁴⁹	2'
5+33	4.90	382.93	381.48	CI ⁴⁵	2'	5.15	382.68	381.48	CI ²⁰	2'
5+70	4.75	383.08	381.37	CI ²¹	1'	4.86	382.97	381.37	CI ⁶⁰	2'
5+90	5.20	382.63	381.17	CI ⁴⁶	2'	4.05	383.28	381.19	C2 ⁵⁷	0.07
6+10	5.48	382.35	380.69	CI ⁶⁴	2'	4.33	383.50	380.76	C2 ⁷⁴	0.38
6+30	6.03	381.80	379.94	CI ⁸¹	1'	4.78	383.05	380.08	C2 ⁸⁷	0.10
6+42.63	N. line Monroe		379.40					3796.0		
T.P. 1	6.02	387.83	381.81					387.83		
B.M.	4.89	385.18	380.29							

INDEXED
MAY 26 1950

SEPP 33-d. G. Monroe

		11.43	9.91	1 P Cor Lot 43844 on Nashville St.
T.P.	0.39	21.34	13.30	20.95
T.P.	0.64	34.25	12.55	33.61
T.P.	0.57	46.16	12.50	45.59
T.P.	0.54	58.09	12.59	57.55
BM	11.26	70.14	58.88	Chisel \square in Cb NW Cor. Erie & Littlefield Dwg. 7370-L

11-25-49 Stake Rough Grades
 Hendricks Diamond St Cass to
 Johnson W Line North Shore Highlands
 Greer
 Cota
 W0#31553 Dwg 7561/7562

27

Sta.	+ H.I.	- Lt.	Elev. stake	El. Gr	Cor F.	- Rt.	Elev. stake	El. Grade	Cor F.
T.B.M.		2.15	52.23		HY 7' x 8T		Dowes G Diamond		
4+98.89	W Line Dowes			52.00				51.50	
4+90.00				51.82		2.6	51.8	51.35	CO ¹
4+43.34				51.24		3.6	50.8	50.72	CO ¹
3+96.67				50.69		4.4	50.0	50.09	FO ¹
3+50		4.25	50.13	50.12		5.3	49.1	49.45	FO ¹
3+10		4.5	49.9	49.50	CO ¹	5.9	48.5	48.90	FO ¹
2+62.5		4.8	49.6	49.86	CO ¹	6.4	48.0	48.25	FO ¹
2+15.0		5.0	49.4	48.22	CI ²	7.4	47.0	47.60	FO ⁶
1+67.5		5.2	49.2	47.57	CI ⁶	7.7	46.7	46.95	FO ¹
1+20		5.6	48.8	46.93	CI ⁹	8.5	45.9	46.30	FO ¹
1+00		5.8	48.6	46.66	CI ⁹	8.4	46.0	46.09	CO ⁰
0+80		5.5	48.9	46.39	CO ⁵	8.7	45.7	45.73	CO ⁰
0+60		5.4	49.0	46.12	CO ⁹	9.5	44.9	45.42	FO ⁵
0+40		5.4	49.0	45.85	CO ¹	9.4	45.0	45.11	FO ¹
0+00 E. line Cass				45.45				44.45	
B.M.	10.31	54.38		44.07	SEBP Cass & Diamond				

INDEXED
 WK
 MAY 26 1950

Sta.	+	H.I.	- Lt.	Elev. Staff	St. Gr.	Cor F	- Rt.	Elev. Staff	St. Gr.	Cor F
			1.48							
4+11.9	W Line	N.S. Highlands		59.99	57.97	Ex. Cb	2.43	59.04	59.02	Ex. Cb
3+90.00			0.7	60.9	59.63	C1 ³	2.4	59.1	58.74	CO ⁴
3+44.26			1.9	59.6	58.86	CO ²	2.8	58.7	58.00	CO ²
2+98.55			2.0	59.5	58.08	C1 ⁴	4.0	57.5	57.27	CO ³
2+52.84			2.3	59.2	57.31	C1 ²	4.8	56.7	56.54	CO ³
2+07.13			3.7	57.8	56.53	C1 ³	6.1	58.4	55.81	FO ⁴
1+61.42			4.8	56.7	55.75	CO ²	7.0	54.5	55.08	FO ⁴
1+15.71			5.3	56.2	54.97	C1 ³	7.1	54.4	54.35	CO ²
0+70			6.1	55.5	54.19	C1 ³	7.5	54.0	53.62	CO ⁴
0+50			6.2	55.3	53.85	C1 ⁴	7.7	53.8	53.30	CO ⁵
0+30			6.7	54.8	53.58	C1 ³	7.9	53.6	52.98	CO ⁵
0+10			6.7	54.8	53.30	C1 ⁵	8.1	53.4	52.66	CO ²
0+00	E Line	Daves			53.02				52.50	

T.B.M. 924 61.47

52.23

NW 1/4 18T Daves & Diamond

11-28-49
Hendricks
Johnson
Greer
Cota
110231588

State Water Services &
Sewer Laterals & Ret. Walls
Ailey Block 9 City Hts. Annex #2
Dwg. 7534-L

29

Sta.		H.I.	-Lt.	El. Stake Lt.	Elev. Gr.	Cor F Lt.	-Rt.	Elev. Stake Rt.	Elev. Grade	Cor F
3+68	(W) Rt.						5.14	327.97	326.96	C1 ⁰¹
3+60	(7) Rt.						5.71	327.40	321.86	C5 ⁵⁴
3+18	(W) Rt.						5.79	327.32	326.07	C1 ²⁵
3+10	(8) Rt.						6.17	326.94	320.89	C6 ⁰⁵
2+68	W Rt.						8.46	324.65	324.77	FO ¹²
2+60	(9) Rt.						8.88	324.23	319.56	C4.67
TP	1031	333.11	0.47	322.80						
0+65	End Wall Lt.		2.73	320.54	320.28					CO ²⁶
0+50	End Wall Rt.						5.60	317.67	318.18	FO ⁵¹
0+45	B&K Wall Rt.						5.59	317.68	318.15	FO ⁴⁷
0+40	B&K Wall Lt.		3.55	319.68	319.72	319.87				FO ¹⁹ FO ²⁵
0+36	W Lt.									
TP	5.07	323.27	0.78	318.20						FO ⁶⁰
0+26	B&K Wall Rt & Lt.		3.87	319.40	319.29		5.84	317.41	318.01	FO ⁵⁸
0+10	B&K Wall Rt & Lt.		+0.52	319.50	318.15		2.75	316.23	316.81	FO ⁵⁸
0+00	Reg. Conc. Ret. Wall Rt. & Lt.		3.50	313.48 315.44	315.62		4.67	314.31	315.08	FO ⁷⁷
								318.98		
BM. 12.28		318.98			306.70					SE Top Hydt. Thorn & 44th

INDEXED
MAY 26 1950

1+25

1+00

204 322.58

320.54

546 Lt
6465 R/L

321.64

1⁰/₂₉ F5⁸/18.7

320.97

1⁶/₄₂ F12⁴/18.6

320.30

2³/₁₁ F9⁴/13.6

Slope Stake Rt. bet 1+00 & 1+50

(CC 64 6+00.17)
FB 1770 P-45

1.25

331.86

331.83

5+68 W L/R Rt 3.16 329.95 330.60

FO⁶⁵

3.13

329.98

330.48

? FO⁵⁰

5+60 (2) Lt (1) Rt 2.87 330.24 326.78

C3⁴⁶

3.28

329.83

326.78

C3⁴⁶

5+18 W Rt & Lt 3.68 329.43 328.88

CO⁵⁵

4.97

328.14

328.60

FO⁴⁶

5+10 (5) Lt (3) Rt 3.53 329.58 325.26

C4³²

5.24

327.87

325.26

? C2⁶¹

4+68 W Rt.

5.37

327.74

327.98

FO³⁸

4+60 (4) Rt.

4.51

328.60

323.73

C4⁹⁷

4+18 W Rt.

5.52

327.59

327.48

CO⁴¹

4+10 (2) Rt.

5.57

327.54

322.70

C4⁸⁵

333.11

12-1-49 State Alley Block 9
 Hendricks City Hts Annex #2
 Johnson
 Greer DWG 7534 L
 Cota
 W0# 31588

INDEXED
 WK
 MAY 26 1950

Sta	+ H.I	- Lt	Elev. State Lt	Elev. Gravel Lt	Cor F Lt	offset Lt - Rt	Elev. State Rt	Elev. Gr. Rt	Cor F Rt
3+20		3.15	327.89	326.42	C1 ¹⁷	3.27	327.47	326.12	C1 ³⁵
3+00		3.94	326.80	325.93	C0 ⁸⁷	3.90	326.84	325.63	C1 ²¹
2+70		4.47	326.27	325.13	C1 ¹⁴	4.80	325.94	324.83	C1 ¹¹
2+35		5.16	325.58	324.19	C1 ³⁹	5.47	325.27	323.89	C1 ³⁹
2+00		5.23	325.51	323.25	C2 ²⁵	6.22	324.52	322.95	C1 ⁵⁷
1+65		7.33	323.41	322.31	C1 ¹⁰	7.76	322.98	322.01	C0 ⁹⁷
TP. 1130	7.62	330.74	323.12				330.74		
1+30		1.27	322.30	321.37	C0 ⁹³	1.71	321.86	321.07	C0 ⁷⁹
1+00		1.54	322.03	320.57	C1 ⁴⁵	2.43	321.14	320.27	C0 ⁸⁷
0+80		1.96	321.61	319.75	C1.96	4.74	318.83	319.45	F062
0+60		3.44	320.13	318.33	C1 ⁸⁰	1.4'	318.15	318.03	C0 ¹³
0+40		3.89	319.68	316.32	C3 ³⁶	5.57	318.00	316.02	C1 ⁹⁸
0+20		4.18	319.39	313.74	C5 ⁶⁵	6.16	317.41	313.44	C3 ⁹⁷
T.P. 0+10	5.42	323.57	318.15				323.57		
0+10		40.85	319.50	312.61	C6 ⁸⁹	2.42	316.23	312.24	C3 ⁹⁹ 3'
0+00	N. Line Thorn	3.19	315.48	312.08	C3 ⁴⁰	4.34	314.31	311.50	C2 ⁸¹ 3'
BM.	11.95	318.65		306.70					TOP Hydt. SE Cor. Thorn & 4th

Stake Alley Block 9 Contd.

			(Ex Paid)						
6+00	So. line Myrtle	1.85	331.64	331.65				331.65	
5+90		2.66	330.82	331.58	FO ⁷⁵	2.46	331.03	331.57	FO ⁵⁴
5+80		3.28	330.21	331.19	FO ⁹⁸	3.10	330.39	331.13	FO ⁷⁴
5+60		3.51	329.98	330.21	FO ²³	4.26	329.23	330.04	FO ⁸¹
5+40		3.75	329.74	329.45	CO ²⁹	4.90	328.59	329.21	FO ⁶²
5+20		3.99	329.50	328.91	CO ⁵⁹	5.48	328.01	328.63	FO ⁶²
5+00		4.10	329.39	328.60	CO ⁷⁹	5.29	328.20	328.30	FO ¹⁰
4+70		4.38	329.11	328.30	CO ⁸¹	5.57	327.92	328.00	FO ⁰⁸
4+40		4.87	328.62	328.00	CO ⁶²	5.97	327.52	327.70	FO ¹⁸
4+05		4.49	329.00	327.65	CI ³⁵	5.61	327.88	327.35	CO ⁵³
3+80		3.74	329.75	327.40	C2 ³⁰	5.28	328.21	327.10	CI ¹¹
3+60		5.08	328.41	327.16	CI ²⁵	5.74	327.75	326.86	CO ⁵⁹
T.P.	5.70	333.49	2.95	327.79			333.49		
3+40		2.69	328.05	326.83	CI ²²	3.06	327.65	326.53	CI ¹⁵

330.74

330.74

12-5-49 State Alley Block 1
 Hendricks City Hts. Annex #2
 Johnson
 Greer
 Cota.
 W04 31588

Div. 7535-K

317.78

317.78

INDEXED
 MAY 26 1950

Sta		H. 1	-H.	Elev. Grade State Ct.	Elev. State Ct. Grd.	Corr H.	- Ct.	Elev. State Ct.	Elev. Grade Ct.	Corr H.
3+60 EVC			2.76	314.11	315.02	C0.91 ✓	2.84	314.94	314.06	C0.88 ✓
3+40			2.97	313.79	314.81	C1.02 ✓	3.06	314.72	313.76	C0.96 ✓
3+20			3.75	313.44	314.03	C0.59 ✓	3.55	314.23	313.43	C0.90 ✓
3+00			4.35	313.08	314.43	C1.35 ✓	3.67	314.11	313.07	C1.04 ✓
2+90 sewer #12 Lt.			4.88	307.89	312.90	C5.02 ✓				
2+80 BVC			5.03	312.67	312.75	C0.08 ✓	4.54	313.24	312.67	C0.57 ✓
2+40			5.41	311.82	312.37	C0.54 ✓	5.30	312.48	311.82	C0.65 ✓
2+00			5.85	311.00	311.93	C0.93 ✓	6.29	311.49	311.00	C0.49 ✓
1+60			6.90	310.16	310.88	C0.72 ✓	6.68	311.10	310.16	C0.94 ✓
1+20 EVC			7.77	309.33	310.01	C0.68 ✓	7.69	310.09	309.33	C0.76 ✓
1+00			8.44	308.82	309.34	C0.52 ✓	8.38	309.40	308.82	C0.58 ✓
T.P. 1.60 H. Ct. 310.55			8.53	308.95						
0+90 sewer #11			8.62	308.58	308.89	C5.39 ✓				
0+80			2.10	308.12	308.45	C0.33 ✓	1.59	308.96	308.12	C0.84 ✓
0+60			2.89	307.22	307.66	C0.44 ✓	2.50	308.05	307.22	C0.82 ✓
0+45 Sewer #10 Lt.			3.24	306.42	307.31	C3.89 ✓				
0+40 BVC			3.34	306.15	307.21	C1.06 ✓	3.33	307.22	306.15	C1.07 ✓
0+00 H. Line Redwood			5.98	303.80	304.57	C0.77 ✓	6.12	304.43	303.80	C0.63 ✓
T.P. 3.34		302.80	11.09	299.46						
			5.57	297.23	297.19					

SEBP Quince & Fairmount

		Elev. Staer		Elev. Gr.				Elev. Staer		Elev. Gr.	
1317.	0.82	323.41		322.57		NWBP Highland & Thorn					
	5.37	323.40	5.38	318.03	318.02	SEBP Fairmount & Thorn					
		<u>323.40</u>						323.40			
6100	to line Thorn	9.59	313.82	311.35	C2.37	-		10.62	312.78	310.90	C1.88
5190	sewer #134	5.57	317.93	307.10	C10.73	-					
5190	Exc.	7.89	315.51	312.10	C3.41	-		5.82	317.54	311.80	C5.74
5170		5.64	317.76	314.21	C3.55	-		5.20	318.20	313.91	C4.29
5150		5.87	317.53	315.62	C1.91	-		6.20	317.20	315.34	C1.86
5130		6.12	317.28	316.35	C0.93	-		6.58	316.82	316.08	C0.74
5110	BVC	6.62	316.78	316.39	C0.39	✓		6.65	316.75	316.14	C0.61
4180		6.77	316.63	315.93	C0.70	✓		6.61	316.79	315.72	C1.07
4150		7.42	315.98	315.48	C0.50	✓		6.70	316.70	315.31	C1.39
4120		7.81	315.59	315.02	C0.57	✓		7.24	316.16	314.89	C1.27
TP	26.5	317.78	8.27	315.13							
3190		2.56	315.22	314.57	C0.65			2.91	^{317.78} 314.87	314.48	C0.39

12-5-49 Stake 6" Water Main
 Hendricks Boston Ave 32nd to East
 Johnson
 Greer
 Cota
 W60030

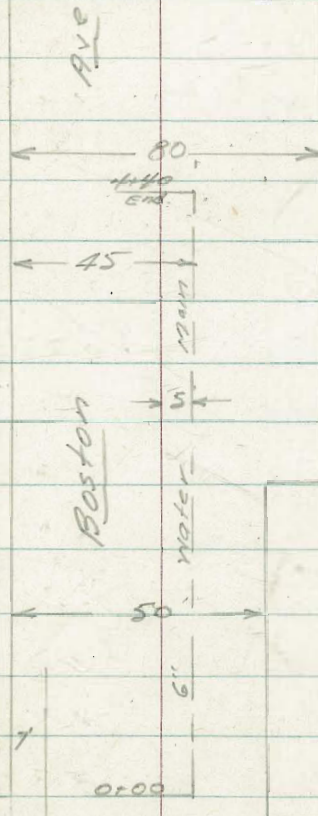
33rd

35

5+

Sta.	+	H.I.	-	Elev.	Elev. Grade	Cor F offset & RT.
3+40			1.4	490	42.7	C6 ³ ✓
3+20			1.4	490	42.9	C6 ¹ ✓
3+00			1.6	488	42.9	C5 ⁹ ✓
2+80			2.1	483	42.7	C5 ⁶ ✓
2+60			2.9	473	42.3	C5 ⁰ ✓
4.P.	3.80	50.36	0.22	46.56		
2+40			0.2	46.6	41.7	C4 ⁹ ✓
2+20			1.0	45.8	40.9	C4 ⁹ ✓
2+00			1.4	45.4	40.0	C5 ⁶ ✓
1+80			2.5	44.3	39.3	C5 ⁰ ✓
1+60			3.9	42.9	38.7	C4 ² ✓
1+40			5.9	40.9	38.2	C2 ⁷ ✓
1+20			7.0	39.8	37.8	C2 ⁰ ✓
1+00			7.3	39.5	37.6	C1 ⁸ ✓
0+50			7.3	39.5	37.1	C2 ⁶ ✓
0+00			6.6	40.2	36.6	C3 ⁶ ✓
B17	8.13	46.78			38.65	

INDEXED
 MK
 MAY 26 1950



32nd.
 NE BP 32nd & Main

Line reduced
 from 2 1/2\"/>

51

Contd. from P 35

36

(15 Cor.)

CR TOP C6. So Sid Boston	9.6	40.7	(40.8)	
4+40 FH.	9.8	40.6	44.0	C6E1. F3 ¹
4+40	10.4	40.0	39.8	C0 ² /
4+10	3.8	46.6	40.7	C5 ² /
3+80	2.4	48.0	41.8	C6 ² /
3+60	1.8	48.6	42.3	C6 ² /

50.36

12-6-49 State Pressure Sewer 6
 Hendricks Trunk Sewer No. 1
 Johnson Fern Glen St.
 Greer
 Co. Dwg. 1373-D
 W.O.# 20194

37

INDEXED
 WK
 MAY 26 1950

			- Eod.	Elev. Stake	Elev. Grade	Cuts	Offset
3+43.28			1.13	38.24	30.85	7.39	5' Rt
3+18.28			2.46	36.91	30.09	6.82	"
2+93.28			2.84	36.53	29.33	7.20	"
2+68.28	20145		4.05	35.32	28.57	6.75	5.41' Discor. 20.07
2+49.47	L.R. 24°06'		6.04	33.33	28.00	5.33	5.15' Discor. 12.24
2+22.10			8.08	31.29	24.00	7.29	5' Rt.
1+94.73			11.70	27.67	20.00	7.67	"
T.P.	12.27	39.37	0.13	27.10			
1+67.36			4.83	22.40	16.00	6.40	"
1+40.00	Brk		10.13	17.10	12.00	5.10	"
T.P.	12.65	27.23	1.76	14.58			
1+15.82			1.76	14.58	10.69	3.89	"
0+71.63			2.47	13.87	9.39	4.48	"
0+57.45			3.52	12.82	8.08	4.74	"
0+43.29	Beq Const.		5.05	11.29	6.78	4.51	"
BM	934	16.34					
			7.00				

on Disc. 2.14 East. of Pie Disc FB 1965 P. 20

	- Rod	Elev. Stake	Elev. Grade	Cuts	Offsets
7+10.00 Brk	3.33	47.39	42.00	5.39	5' RT
6+88.81	4.01	46.71	41.26	5.45	"
6+61.64	4.74	45.98	40.53	5.45	"
6+37.47	5.63	45.09	39.79	5.30	"
6+13.30	6.67	44.05	39.06	4.99	"
5+89.13	7.70	43.02	38.32	4.70	"
5+64.96	8.79	41.98	37.59	4.34	"
5+40.79	9.90	40.82	36.85	3.97	"
5+16.62	11.08	39.64	36.12	3.52	"
4+92.45	12.20	38.52	35.38	3.14	"
4+68.28	12.80	37.92	34.65	3.27	5' South
4+68.28 Lt 90° or Back	12.99	37.73	34.65	3.08	5' West
TP 12.75 50.72	1.22	37.95	37.97		
4+43.28	1.49	37.88	33.89	3.99	5' RT
4+18.28	0.68	38.69	33.13	5.56	"
3+93.28	0.90	38.47	32.37	6.10	"
3+68.28	1.73	37.61	31.61	6.00	"

39.37

39.37

FB 1865 P 21
5156.0

Cont'd from P. 38

39

							- Rod	Elev. Stake	Elev. Grade	Cuts	Offset
10+01.52							9.89	49.57	44.67	4.90	
9+74.35							11.96	47.50	43.83	3.67	
B.M.	13.09	<u>89.46</u>	4.35	<u>46.37</u>	46.38	4 Nail 10+35					
9+47.18			L.Rt. 45°				4.23	46.49	43.00	3.49	5' RT 1405
9+23.48							4.52	46.20	42.90	3.30	5' RT
8+99.76							4.42	46.30	42.90	3.50	"
8+76.04							4.11	46.61	42.70	3.91	"
8+52.32							3.84	46.88	42.60	4.28	"
8+28.60							3.97	47.95	42.50	4.85	"
8+04.88							2.83	47.89	42.40	5.49	"
7+81.16							2.48	48.24	42.30	5.94	"
7+57.44							2.45	48.27	42.20	6.07	"
7+33.72							2.73	49.99	42.10	7.89	"

50.72

A

50.72

A

Cont'd. from p 39

40

						- Rod	Elev. Stake	Elev. Grade	Cuts	offset
13+58.88						4.65	66.32	58.80	7.52	5' Rt
13+31.25						5.42	65.55	57.60	7.95	"
13+03.63						6.09	64.88	56.40	8.48	"
12+75.99						7.01	63.96	55.20	8.76	"
12+48.36						8.22	62.75	54.00	8.75	"
12+20.73						9.07	61.90	52.80	9.10	"
11+93.10						10.05	60.92	51.60	9.32	"
11+65.47						12.30	58.67	50.40	8.27	"
11+37.84						12.39	58.58	49.20	9.38	"
TP 12.86	7097	1.32	58.14	58.11	(on stake 11+98.03)					
11+10.21		Phoad.			(FB 1865 P. 21)	1.19	58.28	48.00	10.28	5' Rt
11+10.21		Left 45° Back				1.19	58.28	48.00	10.28	5' Rt
10+89.03						2.74	56.72	47.17	9.55	"
10+55.86						5.58	53.88	46.33	7.55	"
10+28.69						8.76	50.70	45.50	5.20	"

59.46

59.46

Cont'd. from p. 40

41

						Rod	Elev. Stake	Elev. Grade	Cuts	offsets
17+79.63						4.00	75.93	70.14	5.79	5' Rt.
17+53.35						4.54	75.39	69.71	5.68	"
17+27.67						4.87	75.04	69.28	5.76	"
17+00.79						5.32	74.60	68.85	5.75	"
16+74.51						5.84	74.09	68.43	5.66	"
16+48.23						6.34	73.59	68.00	5.59	"
16+24.95						6.98	72.95	67.57	5.38	"
15+95.57						7.60	72.33 72.33	67.14	5.19	"
15+68.39	L. Rt + 44' 57"					8.16	71.77	66.70	5.07	5.41 Biscaya 25.14
15+46.52						9.88	71.05	66.35	4.70	"
TP.	9.43	72.93	0.45	70.52	70.50					
15+24.65	L. Rt + 45'					0.41	70.56	66.00	4.56	5.41 Biscaya 13.09
14+97.03						0.57	70.40	64.80	5.60	5' Rt.
14+69.40						1.32	69.65	63.60	6.05	"
14+41.77						2.17	68.80	62.40	6.40	"
14+14.14						3.08	67.89	61.20	6.69	"
13+86.51						3.75	67.22	60.00	7.22	"

7097

7097

Rod	Elev. Stake	Elev. Grade	Cuts	offsets
-----	-------------	-------------	------	---------

160 78.30 78.32 H.W. 80 La. 1016 Blvd. E. Westbourne (Aspen #119 (S
P. 23))

17+12.46 End	1.94	77.99	72.30	5.69	
18+83.75 Ahead	2.37	77.56	71.84	5.72	5' R+
18+83.75 L. 22°30' H. Back	2.39	77.54	71.84	5.70	"
18+58.47	2.77	77.16	71.43	5.73	"
18+32.19	3.17	76.76	71.00	5.76	"
18+05.91	3.51	76.42	70.57	5.85	"

7993
↑

7993
↑

12-13-49
Hendricks
Johnson
Greer
Cota
W.O.# 20395

Stake Sower ^{Alley} Blocks 5
171 & 172 Mission Beach
Dwg. 7200 L

43

Sta	H.I.	—	Elev. Stake	Elev. F.L.	Cuts	Offsets
3+17.28			7.53	-0.08	-5.45	5.37
2+92.07			7.86	-0.41	-5.25	4.84
2+66.85			7.70	-0.25	-5.05	4.80
2+41.64			7.97	-0.52	-4.85	4.32
2+16.43			6.92	0.53	-4.65	5.18
1+91.21			7.75	-0.30	-4.45	4.15
1+66.00 ^{M.H.#4}			7.06	0.39	-4.25	4.64
1+42.28			6.90	0.55	-3.42	3.97
1+18.57			6.51	0.94	-2.68	3.62
0+94.86			5.80	1.65	-1.94	3.59
0+71.14			4.86	2.59	-1.21	3.80
0+47.43			3.67	3.78	-0.47	4.25
0+23.71			2.42	5.03	0.26	4.77
T.P.	1.46	7.45	6.22	5.99	1.00	7.45
0+00 & Strand Way			11.40		0.81	Ex. F.L.
BM	5.02	13.21		7.19		BP Sea Wall Santa Clara Pl.

INDEXED
MAY 26 1950

Contd. from P 43

44

5+19.00	Ex. 124 E. Bay side lane	8.43 15.14	-0.98	-7.07	6.09
		7.69	7.74	5.41	
4+93.78		8.47	-1.02	6.85	5.83
4+68.56		8.57	-1.12	6.65	5.53
4+43.35		8.39	-0.94	6.45	5.51
4+18.13		8.38	-0.93	6.25	5.32
3+92.92		8.20	-0.75	6.05	5.30
3+67.70		8.11	-0.66	5.85	5.19
3+42.49		7.92	-0.47	5.65	5.18

7.45

12.14.49 State Bird Rock Ave. S
 Hendricks Pressure Sewer
 Johnson
 Greer DWG 7339 L
 Coth
 W07 20194-

45

Sta.	+	H.I.	-	Elev. Stake	Elev. Cr.	Cuts	offset
							6' 0"
3+12	Exc.		12.74	38.98	36.69	2.29	
TP	13.16	5132	0.05	38.16			
2+96			1.01	37.20	34.74	2.46	
					33.10		
2+80	B.K.	INDEXED	2.20	35.91	32.79	2.91	
		MAY 26 1950			32.16		
2+64			3.11	35.10	32.08	2.94	
2+48.00	Exc.		3.89	34.32	31.41	2.91	
2+20.73			5.18	33.03	30.28	2.75	
1+93.47			6.64	31.57	29.15	2.42	✓
1+66.20			8.08	30.13	28.02	2.11	✓
1+38.94			9.52	28.69	26.89	1.80	✓
1+11.67			10.36	27.85	25.75	2.10	✓
0+84.41	Exc.		10.94	27.27	24.62	2.65	✓
0+77	Storm Drain				24.31		
0+60.41			11.58	26.66	24.16	2.50	✓
0+36.41	AC		12.41	25.80	23.21	2.59	✓
0+20.41	Boq. Const.		13.10	25.11	22.58	2.53	✓
B.M.	10.58	38.21			27.63	L&T	SE 1/4 10' Pt. Bird Rock 6 Dolphin Pt.

Cont'd. from P. 45

46

Sta.	+	H.I.	-	Elev. Stake	El. Grade	Cuts.	offset
7+06.26			0.99	75.04	62.76	12.28	6' RT
6+90.55			1.82	74.21	62.65	11.56	
6+54.84			2.65	73.38	62.55	10.83	
6+29.13			3.45	72.58	62.44	10.14	
6+03.42			4.25	71.78	62.34	9.44	
5+77.71			5.12	70.90	62.23	8.67	
5+52 EVC			5.96	70.07	62.13	7.94	
5+36			6.58	69.45	62.00	7.45	
5+20 BVC			7.75	68.28	61.97	6.92	
5+04			9.30	66.73	61.46	6.77	
4+88 EVC			11.12	64.91	60.00	6.86	
T.P. 12.47		76.03	0.50	63.56	58.05	5.49	
4+58.66			3.17	60.89	54.49	6.40	
4+29.33			7.57	56.49	50.93	5.56	
4+00			11.98	52.08	47.37	4.71	
T.P. 13.10		64.06	0.36	50.96	45.99	3.89	
3+70.66			3.62	47.70	43.81	3.89	
3+41.33			8.03	43.29	40.25	3.04	

51.32
↑

Sta.	+	H.I.	-	Elev. Stake	Elev. Cont.	Cuts	offset
BM			5.55	79.12	79.09	SWBP	to 1/4 Bnd & Bird Rock
9+11.94	End Const.		5.42	79.25	63.60	15.65	6.84
9+06.39	Δ Pt. 41024		5.44	79.23	63.58	15.65	"
8+86.23			5.40	79.27	63.49	15.78	"
8+60.52			5.27	79.40	63.39	16.01	"
8+34.81			5.57	79.10	63.28	15.82	"
8+09.10			6.29	79.38	63.18	16.20	"
7+83.39			7.14	77.53	63.07	14.46	"
7+57.68			7.97	76.70	62.97	13.73	"
7+31.97			8.83	75.84	62.86	12.98	"
TP.	9.45	84.67	0.84	75.19			
		76.03					
		"					

12.14.49 State Water Services
 Hendricks Golden Park Ave
 Johnson Services Numbered from
 Greer Lucinda to Bangor El Paso El Gr.

Code	BM	Dwgs.	7434	7433	246.33
#13			14.07	246.33	
#12			5.31	255.11	255.63
TP	9.27	26.42	7.51	252.91	252.96
#11			0.19	251.15	
#10			2.24	249.10	248.40
TP			6.32	245.02	243.15
#9			0.22	238.45	
#8			2.49	236.18	235.42
TP	12.49	23867	8.86	229.81	230.59
#7			2.92	226.18	
#6			3.94	225.16	225.80
#5			4.17	224.93	225.56
#4			8.57	220.53	221.73
TP	10.79	22910	8.08	221.02	221.50
#3A			1.10	218.31	
#3			0.81	218.60	218.29
#2A			1.59	217.92	218.37
#2			5.14	214.27	215.14
Water #1			4.31	215.10	215.03
			11.25	208.16	209.67

INDEXED

MAY 26 1950

Q Hub 6794.32 FB1794 P.18
 F022
 F005
 C020
 C187
 C075
 F078
 (RPHub 22.5' Rt 4+66.27 FB1794)
 F064
 F063
 F120
 F048
 (RPHub 22.5' Rt 2+44.37 FB1794)
 C031
 F055
 F087
 C007
 F121

BM. 9.45 219.41

20996

Q Hub Golden Park Ave 0100 FB1794 P.18

12-15-49
Hendricks
Johnson
Greer
Cota
NO 460020

State Water Services
Alley Block 57
Normal Hts.
Dwg. 7519-L

Note: stakes set 2' inside Prop.
& a stake 2' North & 2' South
of E of each Box
Grade of L Box set on North state

49

Sta. Lt.	+	41	- Lt.	Elev. State	Elev. Grade	Cutor F	Sta. Rt.	- Rt.	Elev. State Rt.	Elev. Grade Rt.	Cutor F. II
5+78	OK	6+10 11	4.87 7.03	382.30 380.14	382.35 381.30	F1 ¹⁶	5+85	5.76	381.41	381.23	C0 ¹⁸
5+50			6.23	380.94	381.43	F0 ⁴⁹	5+17	6.22	380.95	381.52	F0 ⁵⁷
5+30	Hand		6.46	380.71	381.49	F0 ⁷⁸	4+75	6.02	381.15	381.65	F0 ⁵⁰
4+64			6.35	380.82	381.69	F0 ⁸⁷	4+20	6.19	380.98	381.81	F0 ⁸³
4+18			6.06	381.11	381.83	F0 ⁷²	3+68	4.85	382.32	381.97	C0 ³⁵
3+78			5.91	381.26	381.95	F0 ⁶⁹	3+15	5.61	381.56	382.13	F0 ⁵⁷
3+19			6.73	380.44	382.12	F1 ⁶⁸	2+78	5.83	381.64	382.25	F0 ⁶¹
2+71			5.69	381.48	382.27	F0 ⁷⁹	2+37	5.35	381.82	382.37	F0 ⁵⁵
2+01			5.34	381.83	382.58	F0 ⁶⁵	2+14	5.35	381.82	382.44	F0 ⁶²
1+73			5.32	381.85	382.60	F0 ⁷⁵	1+86	5.72	381.45	382.53	F1 ⁰⁸
1+26			5.41	381.76	382.98	F1 ²²	1+32	5.27	381.90	382.93	F1 ⁰³
0+75			4.21	382.96	383.51	F0 ⁵⁵	0+67	4.11	383.06	383.60	F0 ⁸⁴
0+39			4.84	382.33	383.67	F1 ²⁴	0+49	4.36	382.81	383.78	F0 ⁸⁷
0+04			5.41	381.76	382.12	F0 ³⁶	0+47	4.47	382.70	383.77	F1 ⁰²

INDEXED
MAY 26 1950

0+00 - So. Line Madison

R17 3.04 387.17
↑

384.13

on Nail Lt. 1+20 (p. 25 this Book)

12-15-49 State Gravilla Ave }
 Hendricks }
 Johnson }
 Greer }
 Co + G }
 No # 20194 }
 Pressure Sewer }
 Dwg. 1367-D }

Sta.	H 1	-	Elev. State	Elev. Gr	Cuts	Offset.
3+17.70		3.89	40.64	36.43	4.21	C' Rt
2+92.86		6.39	38.14	33.81	4.33	"
2+67.42		8.92	35.61	31.19	4.42	"
2+42.28		11.46	33.07	28.57	4.50	"
TP	13.06	44.83	0.16	31.47		
2+17.14		1.05	30.58	28.95	4.63	"
1+92.00 EYE		3.07	28.56	23.22	5.23	"
1+76.00		4.12	27.57	21.84 21.67	5.67	"
1+60.00 EYE		5.03	26.60	20.68 20.00	5.92	"
1+44.00		5.89	25.74	19.83 19.69	5.91	"
1+28.00 EYE		6.52	25.17	19.39	5.72	"
1+01.70		7.75	23.88	18.91	4.97	"
0+75.40		Forward 9.3	22.60	18.42	4.18	"
0+75.40 L 20° 23' 14" (Back)		9.12	22.51	18.42	4.09	"
0+55.30 L 20° 23' Rt.		10.26	21.57	18.04	3.33	"
0+30.18		11.32	20.31	17.57	2.74	"
0+02.13 Beg. Const.		12.54	19.09	17.04	2.05	"

INDEXED
 MK.
 MAY 26 1950

B17. 11.51 31.63 20.12 Cross Top of cb 0100 FB1857 P. 34

Cont'd. from p. 50

51

Sta	H.I.	—	Elev. Stake	El. Grad.	Cuts	Offset
7+35.92		6.45	63.69	58.47	5.22	✓
7+08.74		7.39	62.75	57.77	4.98	✓
6+81.55		8.36	61.78	57.08	4.70	✓
6+54.37		9.27	60.87	56.39	4.48	✓
6+27.18		10.30	59.84	55.69	4.15	✓
6+00 Brk		11.50	58.64	55.00	3.64	✓
5+72		12.76	57.38	53.60	3.78	✓
T.P. 13.29	70.14	0.28	56.85			✓
5+44		1.03	56.10	52.20	3.90	✓
5+16		2.26	54.87	50.80	4.07	✓
4+88		3.54	53.59	49.40	4.19	✓
4+60		4.80	52.33	48.00	4.33	✓
4+32 EVC		5.90	51.23	46.60	4.63	✓
4+16		6.69	50.44	45.69	4.75	✓
4+00 Brk		7.99	49.14	44.57	4.57	✓
3+84		9.57	47.56	43.23	4.33	✓
3+68.00 EVC		11.22	45.91	41.67	4.24	✓
T.P. 13.09	57.13	0.49	44.04			✓
3+42.84		1.27	43.26	39.05	4.21	✓

44.53

Cont'd. from P. 51

52

Sta	+ H.I	-	El. State	El. Gr	Cuts	offset
		2.20	75.79	75.72	(Cross	12+12.07 (FB 18.57 P 34)
12+19.46	End Const	2.15	75.84	70.80	5.04	✓
12+16.70	L 90° Rt	2.03	75.96	70.73	5.23	✓
11+90.50		2.35	75.64	70.06	5.58	✓
11+64.26		2.83	75.16	69.39	5.77	✓
11+38.02		3.27	74.62	68.72	5.90	✓
11+11.78		3.94	74.05	68.05	6.00	✓
10+85.54		4.52	73.47	67.38	6.09	✓
10+59.30		5.07	72.92	66.71	6.21	✓
10+33.06		5.70	72.29	66.04	6.25	✓
10+06.92		6.30	71.69	65.37	6.32	✓
		7.03	70.96	70.89	4.101	9+80.21 (FB 18.57 P 34)
9+80.58	L 112° 30' Rt	6.84	71.15	64.70	6.45	✓
9+53.41		7.75	70.24	64.01	6.23	✓
TP	9.05	77.99	1.20	68.54		
9+26.22		0.88	69.26	63.32	5.94	✓
8+99.04		1.29	68.85	62.62	6.23	✓
8+71.85		1.93	68.21	61.93	6.28	✓
8+44.67		2.79	67.35	61.24	6.11	✓
8+17.48		3.67	66.47	60.54	5.93	✓
7+90.30		4.63	65.51	59.85	5.66	✓
7+63.11		5.55	64.59	59.16	5.43	✓

70.14
^

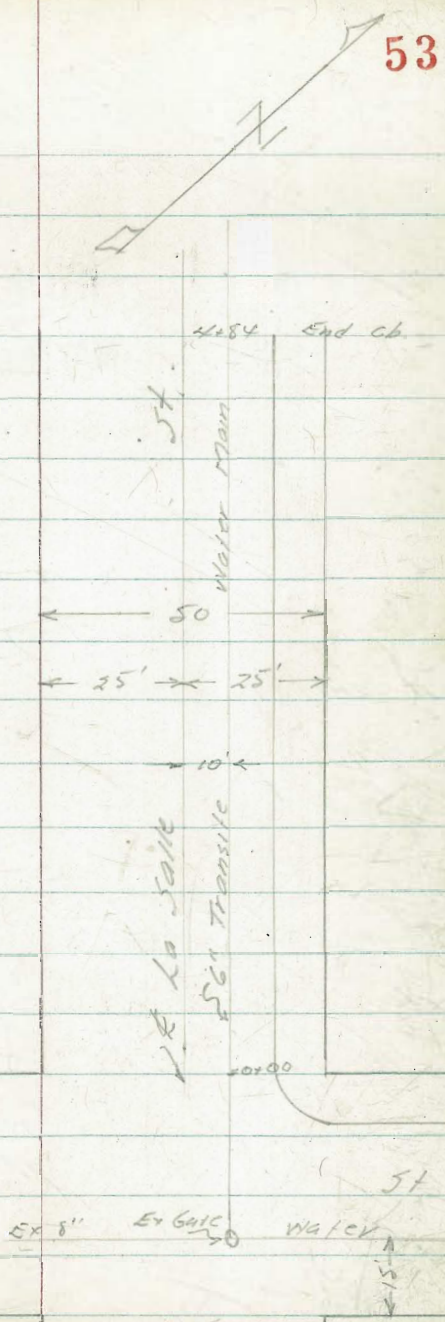
12-21-49
 Hendricks
 Johnson
 Greer
 Goto
 W/O #60020

State Water main
 Lasalle St Nashville to 284 Hwy
 Staked 4' Below Ex Ch.

INDEXED
 MK.
 MAY 26 1950

4+84		51	-1.2	-5.57	C4 ⁴
4+50		56	-1.3	-5.49	C4 ²
4+00		53	-1.0	-5.35	C4 ⁴
3+50		56	-1.3	-5.26	C3 ⁹
3+00		56	-1.3	-5.07	C3 ⁸
2+50		53	-1.0	-4.93	C3 ⁹
2+00		52	-0.9	-4.79	C3 ⁹
1+50		52	-0.9	-4.65	C3 ⁸
1+00		49	-0.6	-4.51	C3 ⁹
0+50		49	-0.6	-4.37	C3 ⁸
0+00	A line Nashville	43	00	-4.23	C4 ²
B17	4.50	4.27		-0.23	Ex Ch 0100

Nashville



53

EX 8" EX GATE WATER

12.21-49 State Water Services

Hendricks

Bangor St

Johnson

Harbor View to Jennings

Greer

DW9-7431-L

Cota

Cuts on state 2' north of R Boy

WO#60020

INDEXED
MK
MAY 26 1950

B.M.		5.08	269.57	269.48	HE RP Tack 10' East PL on No. 7 Line Bangor & Luunds FB1794P-36
4+15	Sewer lateral #1	4.03	270.56	267.24	FL. C3 ³²
4+10	(New)	4.63	269.96	269.83	CO ¹²
3+11		4.57	270.02	269.04	CO ⁹⁸
2+18		6.41	268.19	267.74	CO ⁴⁴
1+66		7.70	266.89	266.27	CO ⁶²
TP	10.54	274.59	0.51	264.08	& Hub Bangor & Johns
0+46			3.11	261.48	259.39 CR ⁰⁹
0+00	50 Line Harbor View				
0-20		7.44	257.15	258.11	C2 ⁰⁴

B.M. 9.89 264.59 254.71
SE Cor Harbor View & Bangor
10' RP tack on 50. 7 Line Harbor View Dr.

12-28-49 State 6" C.I. Pressure Sewer S
 Hendricks Johnson Camino De La Costa & La Canada
 Cota Dwg. 1368-D
 Wot# 2019X

55

Sta	+	H.I.	-	Elev. Stake	Elev. Gr	C	offset
2+88 BVC			2.68	47.86	43.50	4.36	5' RT
2+65.33			4.94	45.60	41.00	4.60	
2+42.66			7.70	42.78	38.50	4.28	
2+20			9.95	40.59	36.00	4.59	
1+97.33			12.57	37.97	33.50	4.47	
T.P.	12.95	50.54	0.09	37.59			
1+74.66			2.41	35.27	31.00	4.27	
1+52 EVC			5.00	32.68	28.50	4.19	
1+36			6.46	31.22	26.86	4.36	
1+20.00 PVI			7.82	29.86	25.44	4.42	
1+04			9.06	28.62	24.24	4.38	
0+88.00 BVC			9.85	27.83	24.13	4.57	
0+67.67			10.72	26.96	23.26	4.80	
0+47.33			11.83	25.85	22.16	4.79	
0+27 BC			12.89	24.79	21.06	4.83	
0+00					18.50	5.44	
			13.74	23.94			
B.M.	13.08	37.68			24.60		Chisel X on sidewalk 0+27

INDEXED

MAY 26 1950

Cont'd from P55

Sta.		H.I.		Elev. Stake	Elev. G.	C	offset
6+48.91			11.58	63.47	59.48	3.99	5' 0"
6+21.83			11.25	63.80	59.24	4.56	✓
5+74.76 (chisel)			11.63	63.42	58.80	4.62	✓
5+94.76 (chisel)	40" dia.		11.72	63.33	59.00	4.33	✓
T.P.	12.56	75.05	0.45	62.49	62.49	0	2 chisel x 5+45.92 FB 17.86 P-70
5+70.29			0.09	62.87	57.93	4.94	✓
5+45.82 PCC			0.70	62.24	56.86	5.38	✓
5+23.32			1.79	61.15	55.88	5.27	✓
5+00.82			2.86	60.08	54.90	5.18	✓
4+78.32			3.94	59.00	53.92	5.08	✓
	R.P. 1328						
4+55.82	L.R. 5" dia.		5.03	57.91	52.94	4.97	✓
4+31.34			5.81	57.13	51.87	5.26	✓
4+06.84 PC			7.24	55.70	50.80	4.90	✓
3+70.89 PCC			9.29	53.65	49.23	4.42	✓
3+52.56			9.93	53.01	48.40	4.61	✓
3+36			11.70	51.24	47.70	4.67	✓
					46.48		✓
3+20 B.K.			12.15	50.79	47.00	4.31	✓
T.P.	12.49	62.94	0.09	50.48	45.12		✓
3+04			1.05	49.49	45.25	4.37	✓

50.34

Contd. from P-56

57

Sta.	H.I.	—	Elev. Stake	Elev. Grade	C	offset
Note Changed from Plan						
to fit Ex. M.H.		4.10	76.13	76.10	2	Hail 10+54.8 (FR 1756 P73)
T.P.						
10+72.24 End Const.		3.85	76.39	67.10	9.28	
526 dia R.P. 1240						
10+54.19 L 45° 26' 18"		4.20	76.09	66.67	9.36	
10+23.97		4.06	76.17	65.94	10.23	
9+93.75		0.02	75.03	65.21	9.82	
T.P. 5.20 80.23		0.02	75.03			
9+63.53 BC		1.39	73.66	64.48	9.18	
9+34.85		3.70	71.35	63.78	7.57	
9+06.14		6.13	68.92	63.09	5.83	
8+77.43		8.35	66.70	62.39	4.31	
8+48.72		9.78	65.27	61.70	3.57	
8+20.00 B.V.K.		10.83	64.22	61.00	3.22	
7+90.75		11.26	63.79	60.74	3.05	
7+61.52		11.70	63.35	60.48	2.87	
7+32.29		12.04	63.01	60.22	2.79	
7+03.06 BC		12.25	64.80	59.96	4.84	
6+75.98		12.00	63.05	59.72	3.33	
		75.05				
		π				

12.29.49
Hendricks
Johnson
Greer
Cota
WB# 20126

State Cbs Kellogg Park

58

Sta + H-1 - El. State El. Grade

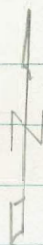
INDEXED
MK
MAY 26 1950

0+65.26 BC Ex Cb	4.83	2.39	2.39	MEET
0+43.50	4.96	2.26	2.34	FO ⁰⁸
0+21.75	5.13	2.09	2.29	FO ²⁰
EC = 0+00	5.22	2.00	2.24	FO ²⁴
#2	5.25	1.97	2.22	FO ²⁵
#1	5.34	1.88	2.19	FO ³¹
BC	5.37	1.85	2.17	FO ³²
BM	5.19	7.22	2.03	

Kellogg
Park

Kellogg
Park

Top Ex Cb 49.45'
West of BC of 20' CLR



Ex Cb

R=30
Δ 27.95
0+5.26

EC
0+00
R=20
Δ 1.93

R=10

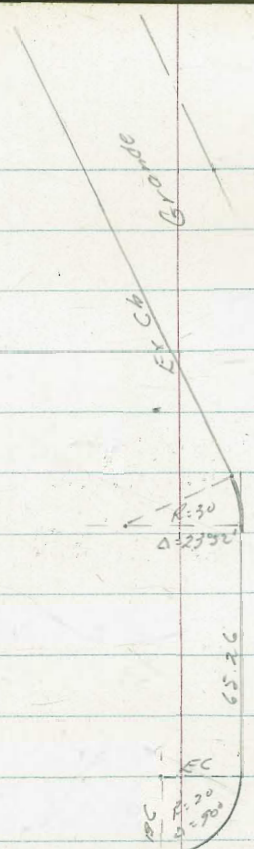
← 20' →

15'

Cal. Dr.

Camino Del Oro

Paseo



1-2-50 State Pressure Sewer
 Hendricks Girard & Jenner Sts.
 Johnson Coast Blvd. to Wall
 Greer
 Cotg
 No # 21094

Dwg 1374 D

	H.I		Elev. State	Elev. Grade	Cuts	offset
4+23.73 EC Brk	2.31		32.91	27.00	5.91	
4+03.37	3.50		31.72	26.44	5.28	
3+83.01	4.46		30.76	25.87	4.89	
3+62.65	5.27		29.95	25.31	4.64	
3+42.39	5.90		29.32	24.74	4.58	
3+21.93	6.50		28.72	24.18	4.54	
3+01.57	7.04		28.18	23.61	4.57	
2+81.21	7.59		27.63	23.05	4.58	
2+60.85	8.05		27.17	22.48	4.69	
2+40.49	8.62		26.60	21.92	4.68	
2+20.12 BC	9.22		26.00	21.35	4.65	
1+90.09	10.23		24.99	20.52	4.47	
1+60.06				19.68		
1+30.03		11.94	23.29	18.84	4.44	
BM. 6.50	35.22			28.72		(Chisel X & 3+22.34 FB1055 P. 47)
1+00 Brk		12.43	22.79	18.00	4.79	
BM		2.80	26.09	26.01		Top of Post (Pump House BM)
0+72.31	6.22		22.67	17.65	5.02	
0+44.62	5.34		23.55	17.30	6.25	
0+16.93 Reg Const	6.02		22.87	16.96	5.91	

BM. 6.10 28.89 22.79 5' at 1+00

Jenner & Girard St. Sewer
Cont'd

Sta		H.I		Elev. Stake	El. Grade	Cuts	offset
13+71.21			3.08	96.26	91.78	4.48	5' 2"
13+44.14			3.81	95.53	91.16	4.37	"
13+17.07			4.63	94.71	90.54	4.17	"
12+89.97	Ahead		5.21	94.13	89.92	4.21	"
12+89.97	Back		5.34	94.00	89.92	4.08	"
12+64.73			5.69	93.65	89.35	4.30	"
12+39.50	Ahead		6.01	93.33	88.78	4.55	"
817.	8.11	97.34	6.48	91.28	91.23		nm BP Jenner & Prospect
12+39.50	Back	22°30' R+	4.42	93.44	88.78	4.66	"
12+14.50			4.77	93.09	88.21	4.88	"
11+89.50	Ahead		5.19	92.67	87.64	5.03	"
11+89.50	Back	11°15' G	5.21	92.65	87.64	5.01	"
11+60.57			5.71	92.15	86.98	5.17	"
11+31.64			6.38	91.48	86.32	5.16	"
11+02.71			6.26	91.60	85.66	5.94	"
10+73.77	Back 45' Lt.		7.69	90.17	84.60 85.00	5.57	5.41 B. sector.
10+48.29			10.21	87.65	82.09	5.56	"
TP	11.97	97.86	0.06	85.99			
10+22.81			1.42	84.63	79.18	5.45	"
9+87.33			4.29	81.76	76.27	5.49	"
9+71.84	23°01' Lt		7.05	79.00	73.36	5.64	5" p. sector
9+41.84			10.27	75.78	69.98	5.83	"
TP	13.18	86.02	0.46	72.87			
9+11.84			1.07	72.26	66.54	5.72	"
			73.33				

1230.49
Hendricks
Johnson
Greer
Coto.

Jenner & Girard St Sewer

Dwg. 1374 D

Sta.	H.I.	Elev. Stake	Elev. Grade	Cuts	offset
817		2.99	103.59	103.82	2 Nail 17+79.3
17+66.18	End. Const			98.70	
17+64.85	45° Rt.	3.05	103.62	98.69	4.93 5' 41" Bisector
17+45.93		3.16	103.51	98.43	5.09 5' Rt.
17+27.12	45° Rt.	3.63	103.04	98.17	4.87 5' 41" Bisector
16+99.47		4.00	102.67	97.79	4.88 5' Rt.
16+71.83		4.40	102.27	97.41	4.86
16+44.19		4.72	101.95	97.03	4.92
16+16.55		5.15	101.52	96.65	4.87
15+88.91		5.59	101.03	96.27	4.81
15+61.27		5.26	101.21	95.89	5.32
15+33.63	89° 48' Lt.	6.34	100.33	95.50	4.83 5' Rt.
15+33.63	Bk	6.89	99.80	95.50	4.30
15+06.56		6.92	99.75	94.88	4.87 5' Lt.
T.P.	7.64	106.67	99.03		
14+79.49		0.31	99.03	94.26	4.77
14+52.02		1.00	98.34	93.64	4.70
14+25.35		1.73	97.61	93.02	4.59
13+98.28		2.42	96.92	92.40	4.52
		7.34			

INDEXED
MAY 26 1950

12-30-49
Hendricks
Johnson
Greer
Cota

Check Elevation of
Stairway at Pump Sta.
Jenner & Coast Blvd.

64

INDEXED
MAY 26 1950

13.79 0.32

Top of Bottom Tread

T.P. 0.71 14.11 13.24 13.40

BM 0.63 26.64 26.01

^{2nd}
Top Guard Rail Post East of Pump House Stair-
(This BM set for Const. of Pump House)
width.

1-4.50 State Water Main SEE
 Hendricks Bangor St. ALSO PAGE 54
 Greer Harbor Dr. to Jennings
 Cote Dwg. 7431-K

NO #				Elev.	41 Below	
579	+	14.1	5.96	269.48	269.48	RP 10 L&T NE Bangor & Lucinda
BM			4.8	270.6	265.80	4.8 ✓
4+45			5.2	270.2	265.62	4.6 ✓
4+15			5.5	269.9	265.41	4.5 ✓
3+80			5.8	269.6	265.20	4.4 ✓
3+45			5.6	269.8	264.88	4.9 ✓
3+15			5.4	270.0	264.53	5.5 ✓
2+85			5.3	270.1	264.14	6.0 ✓
2+55			5.7	269.7	263.75	6.0 ✓
2+25			6.2	269.2	263.38	5.8 ✓
2+05			6.9	268.5	262.85	5.7 ✓
1+85			7.7	267.7	262.13	5.6 ✓
1+65			0.24	267.44		
T.P.	8.00	275.44	1.7	266.0	260.50	5.5 ✓
1+30			3.0	264.7	258.86	5.8 ✓
1+05			5.5	262.2	255.92	6.3 ✓
0+60			8.9	258.8	252.58	6.2 ✓
0+10			11.6	256.1	251.11	5.0 ✓
0+00	at Line Harbor					
0-20	View Dr.					
D.M.	12.97	267.68		254.71		10 R.P. Tact SE Cor Harbor View Dr & Bangor

INDEXED
 MR
 MAY 26 1950

1-5-50 Stake Water Line
 Hendricks La Jolla Scenic Dr
 Johnson
 Greer Water Line 10' East of E
 Co 16 (Reference BK FB 1849 P 58)

Sta.	+	H.I.	-	Elev.	Key	Cuts.
				Stake	Grade	
4+31			3.8	539.5	535.0	4.5 ✓
4+11			3.7	539.6	535.0	4.6 ✓
3+91			4.1	539.2	534.9	5.2 ✓
3+51			4.7	538.6	534.5	4.1 ✓
3+14.77	EC. = (7103.39 FB 1849 P 58)		5.4	537.9	533.8	4.1 ✓
2+89.86			5.9	537.4	533.4	4.0 ✓
2+64.96			6.6	536.7	533.0	3.7 ✓
2+40.06			6.6	536.7	532.6	4.1 ✓
2+15.16			6.9	536.4	532.4	4.0 ✓
1+90.26			7.1	536.2	532.3	3.9 ✓
1+65.36			7.6	535.7	532.1	3.6 ✓
1+40.46			7.8	535.5	532.0	3.5 ✓
1+15.56	BC		7.5	535.8	531.9	3.9 ✓
0+77.04			7.1	536.2	531.7	4.5 ✓
0+38.52			7.7	535.6	531.5	4.1 ✓
0+00	= 3+95.60 FB 1849 P 58		7.7	535.6	531.3	4.3 ✓

INDEXED
 MK
 MAY 26 1950

B17 4.70 543.28
 5.27 543.85
 538.58 on 3/4" I.P. R1 7103.39 EC FB 1849 P 63

Cont'd from p 66

67

			504.39	54 Top Hyatt Rancho Rd & Scenic Dr.
	1.34	541.94	542.0	Sta 14750 - 6261 P-14
	5.55	537.73		Mon.
				& Int - La Jolla Rancho & La Jolla Scenic Dr.
6+96	6.0	537.3	530.4	6.9 ✓
6+42 = 4th	8.0	535.3	531.6	3.7 ✓
5+96.25	7.0	536.3	532.3	4.0 ✓
5+85.25	6.2	537.1	532.9	4.2 ✓
5+16	5.2	538.1	533.7	4.4 ✓
4+71	4.0	539.3	534.6	4.7 ✓

543.28

543.9

A

1-5-50 Stake Pressure Sewers
 Hendricks Coast Blvd. So. @ Pearl St.
 Johnson
 Greer
 Co. #
 NO# 20194

3+50.79 PCC	1.78	19.43	11.54	7.89 ✓
3+25.86	2.71	18.50	10.90	7.60 ✓
3+00.92	3.65	17.56	10.27	7.29 ✓
2+75.98	4.66	16.55	9.63	6.92 ✓
2+51.04 P.C.C. (B.C.)	5.67	15.54	9.00	6.54 ✓
2+25.92	7.06	14.15	8.86	5.29 ✓
2+00.81	8.51	12.70	8.73	3.97 ✓
1+75.70	9.55	11.66	8.60	3.06 ✓
1+50.59	8.49	12.72	8.47	4.25 ✓
1+25.48 P.C.C.	7.71	13.50	8.34	5.16 ✓
1+18.31 G.	7.58	13.63	8.30	5.33 ✓
1+11.14 P.C.C.	7.45	13.76	8.26	5.50 ✓
0+80.75	6.87	14.34	8.10	6.24 ✓
0+50.37 B.C.	6.46	14.81	7.94	6.87 ✓
0+13.50 90° Rt.	5.62	15.59	7.74	7.85 ✓
0+00			7.67	

B17. $\frac{5.20}{\pi}$ $\frac{21.21}{\pi}$

16.01

(Nail in Pipe P. 248 Rt. 0+42)

INDEXED
 MK
 MAY 26 1950

Contd. from P. 68

69

7195.90	LC		1.77	32.44	25.49	6.95	✓
7180.00	Brk		2.48	31.73	24.27	7.46	✓
7146.63			4.33	29.88	23.12	6.76	✓
7113.27	EC		6.09	28.12	21.96	6.16	✓
6192.43			7.21	27.00	21.26	5.74	✓
6171.60			8.40	25.81 25.41	20.55	5.26 4.86	✓
6150.77			9.57	24.64	19.85	4.79	✓
6129.94	BC		10.73	23.48	19.14	4.34	✓
5198.08			11.41	22.80	18.07	4.73	✓
5166.22	EC, Brk		11.98	22.23	17.00	5.23	✓
5139.30			12.32	21.89	16.26	5.53	✓
5112.37			12.55	21.67	15.67	6.00	✓
4185.44			12.74	21.47	14.99	6.48	✓
TP	13.13	34.21	0.13	21.08	14.30	6.78	✓
4158.51			0.13	21.08	14.30	6.78	✓
4131.58			0.31	20.90	13.62	7.28	✓
4104.65			0.59	20.62	12.93	7.69	✓
3177.72			1.08	20.13	12.25	7.88	✓

21.21

Cont'd. from P-69

70

12+60 BxK			2.27	55.70	51.00	4.70 ✓
12+30			3.72	54.25	49.20	5.05 ✓
12+00 BxK			5.14	52.83	47.40	5.43 ✓
11+73.00			6.45	51.52	46.52	5.00 ✓
11+41.73			7.88	50.09	45.53	4.56 ✓
11+10.47			8.83	49.14	44.50	4.64 ✓
10+79.20			9.22	48.75	43.55	5.20 ✓
10+47.94 Forward			9.43	48.54	42.56	5.98 ✓
10+47.94 Ki Back			9.51	48.46	42.56	5.90 ✓
10+23.19			10.11	47.86	41.78	6.08 ✓
9+98.44 Forward			10.53	47.33	41.00	6.33 ✓
9+98.44 Ki Back			10.82	47.15	41.00	6.15 ✓
T.P.	11.70	57.97	0.75	46.27		
9+72.19			1.99	45.03	38.98	6.05 ✓
				42.84		5.89 ✓
9+45.94			4.18	42.74	36.95	5.79 ✓
9+19.69			6.27	40.75	34.96	5.79 ✓
8+93.44 L			8.18	38.84	32.95	5.89 ✓
8+69.07			10.13	36.89	31.09	5.80 ✓
8+44.68			12.24	34.78	29.22	5.56 ✓
T.P.	12.94	47.02	0.13	34.08		
8+20.29			0.94	33.27	27.36	5.91 ✓

34.21
↑

Cont'd from P. 70

71

18+34.94			4.25	78.95	73.97	4.98
18+00 Brk			5.28	77.92	73.00	4.92
17+60			7.13	76.07	71.00	5.07
17+20			9.86	74.34	69.00	5.34
16+80			10.54	72.66	67.00	5.66
16+40			12.32	70.88	65.00	5.88
T.P.	12.93	83.20	0.40	70.27		
16+00 Brk			1.51	69.16	63.00	6.16
15+66			2.95	67.72	61.80	5.92
15+32			4.51	66.16	60.60	5.56
14+98			5.65	65.02	59.40	5.62
14+64			5.97	64.70	59.20	6.50
14+30			7.05	63.62	57.00	6.62
13+96			8.63	62.04	55.80	6.24
13+62			10.23	60.44	54.60	5.84
13+28			11.90	58.77	53.40	5.37
T.P.	12.92	70.67	0.22	57.75		
12+94			0.74	57.23	52.20	5.03

57.97

1

Cont'd. from P. 71

72

1317.			9.59	<u>81.11</u>	81.06	SEBP Cuvier & Pearl
			9.57			
22+37.08 End					85.20	
22+35.76 C			0.72	89.98	85.16	4.82 ✓
22+19.25 C			1.11	89.59	84.70	4.89 ✓
21+84.32			1.69	89.01	83.72	5.29 ✓
21+49.40			2.62	88.08	82.75	5.33 ✓
21+14.26			3.68	87.02	81.77	5.25 ✓
20+79.52			4.79	85.91	80.80	5.11 ✓
20+44.58			5.89	84.81	79.82	4.99 ✓
20+09.64			6.98	83.72	78.85	4.87 ✓
19+74.70	9.59	<u>90.70</u>	7.07	<u>81.11</u>		
			0.63	82.57	77.87	4.70 ✓
19+39.76			1.74	81.46	76.90	4.56 ✓
19+04.82			2.74	80.46	75.92	4.54 ✓
18+69.88			3.53	79.67	74.95	4.72 ✓

83.20

T.P.			11.46	77.66	2"x2" Rod Hub & Law St. West Prop line Quincy St.
T.P.	7.41	89.12	12.07	81.71	
T.P.	0.76	93.78	13.17	93.02	
T.P.	0.50	106.19	12.31	105.69	
			7.61	110.39	conc man & 4th Law St sta 3+05.19
T.P.	1.04	118.00	12.70	116.96	
T.P.	1.38	129.66	12.48	128.28	
			10.58	130.18	2"x2" Rod Hub & Law St. East Prop line Pendleton
T.P.	6.57	140.76	0.14	134.19	
			7.06	127.27	7' conc. man. Sw Cor. Pendleton & Chalcedony
T.P.	12.89	139.33	0.12	121.44	
T.P.	12.92	121.56	0.05	108.64	
T.P.	13.10	108.69	0.38	95.59	
B.M.	12.86	95.97		83.11	B.M. S.W. B.P. Diamond & Pendleton

1-76-49 Stake 6" Sewer
 Hendrick BIKS 1758 176 Mission Beach

Station	BM	7200	7.20	7.19	BP Sea Wall @ Santa Clara Pl.
5+94 DE	507	5.88	2.00	3.88 ✓	
5+64	543	6.84	1.28	5.56 ✓	
5+34 MH#3	552	6.75	0.56	6.19 ✓	
5+03.17 T.P. (59)	12.27	0.01	5.68	-0.18	5.86 ✓
4+74.33	2.35	3.34	-0.88	4.22 ✓	5.22 ✓
4+48	3.87	1.82	-1.51	3.33 ✓	
4+12.17	5.00	0.69	-2.36	3.05 ✓	
3+82.33	5.21	0.48	-3.09	3.57 ✓	
3+52 MH#2	5.24	0.45	-3.81	4.26 ✓	
3+16.8	5.24	0.45	-3.93	4.38 ✓	
2+81.6	5.76	-0.07	-4.21	4.14 ✓	
2+46.4	6.08	-0.39	-4.49	4.10 ✓	
2+11.2	5.91	-0.22	-4.78	4.56 ✓	
1+76.0	5.61	+0.08	-5.06	4.98 ✓	
1+40.8	5.63	+0.06	-5.34	5.29 ✓	
1+05.6	5.90	-0.21	-5.62	5.41 ✓	
0+70.4	6.26	-0.57	-5.90	5.33 ✓	
0+35.2	6.48	-0.79	-6.19	5.40 ✓	
0+00 EX MH	6.72	-1.03	-6.47	5.44 ✓	
Ex MH - E. Bayside Lan - (89)	1.20	-6.75		5.55 ✓	

INDEXED
 MAY 26 1950

BM 6.44 5.69 -0.75 E. L.B. Disc in Alley - BIK 176 5' West
 E line Mission Blvd (P-20)

1-17-49
Hendricks
Johnson
Greer
Cota

State Obs Maryland Dr.

Dwg 7422L

15

Sta	+ HI	- Lt	State Elev	Grade Elev	Cort	- Rt	State Elev	Grade Elev	Cort
2+83.95		2.02	274.02	274.66	FO ⁶⁴	1.82	274.22	274.66	FO ⁴⁴
2+62.85		3.28	272.76	273.01	FO ²⁵	2.90	273.14	273.01	CO ⁰³
2+41.75		3.94	272.10	271.36	CO ⁷⁴	4.65	271.39	271.36	CO ⁰³
2+20.65		4.92	271.12	269.71	CI ¹⁴	6.82	269.22	269.71	FO ⁴⁹
1+99.54 PRC		6.21	269.83	268.06	CI ⁷³	8.67	267.37	268.06	FO ⁶⁹
1+70.88		8.16	267.88	265.81	CO ²¹	10.55	265.49	265.81	FO ³³
TP 10.55	276.04	0.15	265.49			276.04			
1+42.23		0.15	265.49	263.57	CI ⁹²	2.05	263.59	263.57	CO ⁰²
1+13.58		2.64	263.00	261.32	CI ⁶⁷	4.20	261.04	261.32	CO ¹¹
0+84.93		5.10	260.54	259.09	CI ⁴⁵	6.69	258.95	259.09	FO ¹⁴
0+52.28 EVC		7.73	257.91	256.85	CI ⁰⁵	8.98	256.66	256.85	FO ¹⁹
0+46.28		8.61	257.03	256.09	CO ⁹⁴	9.60	256.04	256.09	FO ⁰²
0+36.25		9.42	256.24 ²²	255.37 ⁸⁵	CO ⁸⁷	10.33	255.31	255.37	FO ⁰⁶
0+26.25		10.41	255.23	254.69	CO ⁵⁴	10.76	254.88	254.69	CO ¹⁹
0+16.28		11.23	254.41	254.06	CO ³⁵	11.52	254.12	254.06	CO ⁰⁶
0+06.25 BC		12.03	253.61	253.47	CO ¹⁴	12.41	253.23	253.47	FO ²⁴
TP 0.16	265.64	12.30	265.48						
TP 0.22	277.25	12.19	277.56						
TP 0.25	289.75	5.55	284.20	284.22	CR Stub Rt #+05.25 (mud cut over)				
TP 0.09	302.65	13.15	289.50						
TP 0.07	302.65	13.14	302.56						
TP 0.57	315.70	12.85	315.13						
B.M	0.77	327.95		327.21					

INDEXED
MAY 26 1950

L&T in Pave. N of N.W Cor Lot 1 BK 17 Map 624
5.17' S of W line Map 2024 Lot 17

Cont'd from P. 75

76

4405.05 EC.		4.74	282.91	283.82	FO ⁹¹ ✓	3.45	284.20	283.82	CO ³⁸ ✓
3480.05		5.52	281.83	282.01	FO ¹⁸ ✓	5.47	282.18	282.01	CO ¹⁷ ✓
3455.05		7.75	279.90	280.15	FO ²⁵ ✓	8.30	279.35	280.15	FO ⁸⁰ ✓
3430.05		10.08	277.57	278.26	FO ⁶⁹ ✓	10.08	277.57	278.26	FO ⁶⁹ ✓
TP.	12.25								
	<u>287.65</u>								
3405.05		0.64	275.40			287.65			
		<u>0.64</u>	275.40	276.32	FO ⁹² ✓	0.94	275.10	276.32	FO ²² ✓

276.04

276.04

1-18-50 Stake Alley for Paving
 Hendricks Block 172 Mission Beach
 Johnson
 Greer
 Co's
 NO# 31330
 DWG. 6781-L

77

INDEXED
 MK
 MAY 26 1950

Sta.	+ H.I.	- Lt.	Elev. Stake H.	Elev. Grade Lt.	Cor f. Lt.	Offset	- Rt.	Elev. Stake Rt.	Elev. Grade Rt.	Cor f. Rt.	offset
T.P.		8.01	-0.79								
		7.06									
1+64.52	W. Line Mission Blvd.		0.16	0.16	Ex. Pav.		7.06	0.16	0.18	Ex. Pav.	
1+50		6.78	0.44	0.40	CO ⁰⁴	1'	6.71	0.51	0.40	CO ¹¹	2'
1+35		6.35	0.87	0.67	CO ²⁰	1'	6.50	0.72	0.67	CO ⁰⁵	2'
1+05		6.34	0.88	0.99	FO ⁰⁴	1'	5.97	1.25	0.99	CO ²⁶	0.30
0+85		5.52	1.70	1.55	CO ¹⁵	2'	5.28	1.94	1.53	CO ⁴¹	0.50
0+65		4.53	2.69	2.34	CO ³⁵	1'	4.71	2.51	2.31	CO ²⁰	1'
0+45		3.74	3.48	3.34	CO ¹⁴	1'	3.62	3.60	3.30	CO ³⁰	2'
0+25		2.63	4.59	4.58	CO ⁰¹	2'	2.86	4.36	4.51	FO ¹⁵	0.30
0+10		1.68	5.54	5.60	FO ⁰⁶	1'	2.00	5.22	5.50	FO ²⁸	0.30
0+00	East Line Strandway	1.05	6.17	6.20	Ex. Pav.		1.18	6.04	6.07	Ex. Pav.	
								7.22			
T.P.	1.33	7.22	3.75	5.89							
BM	2.45	9.64		7.19							

Cross on Rim 194 & Strandway & Alley
 BP. Seawall at Santa Clara Pl.

1-25-50
Hendricks
Johnson
Greer
Cota
W.O. 31330

Stake Drain in
Alley BIK 171 - Mission Beach

INDEXED

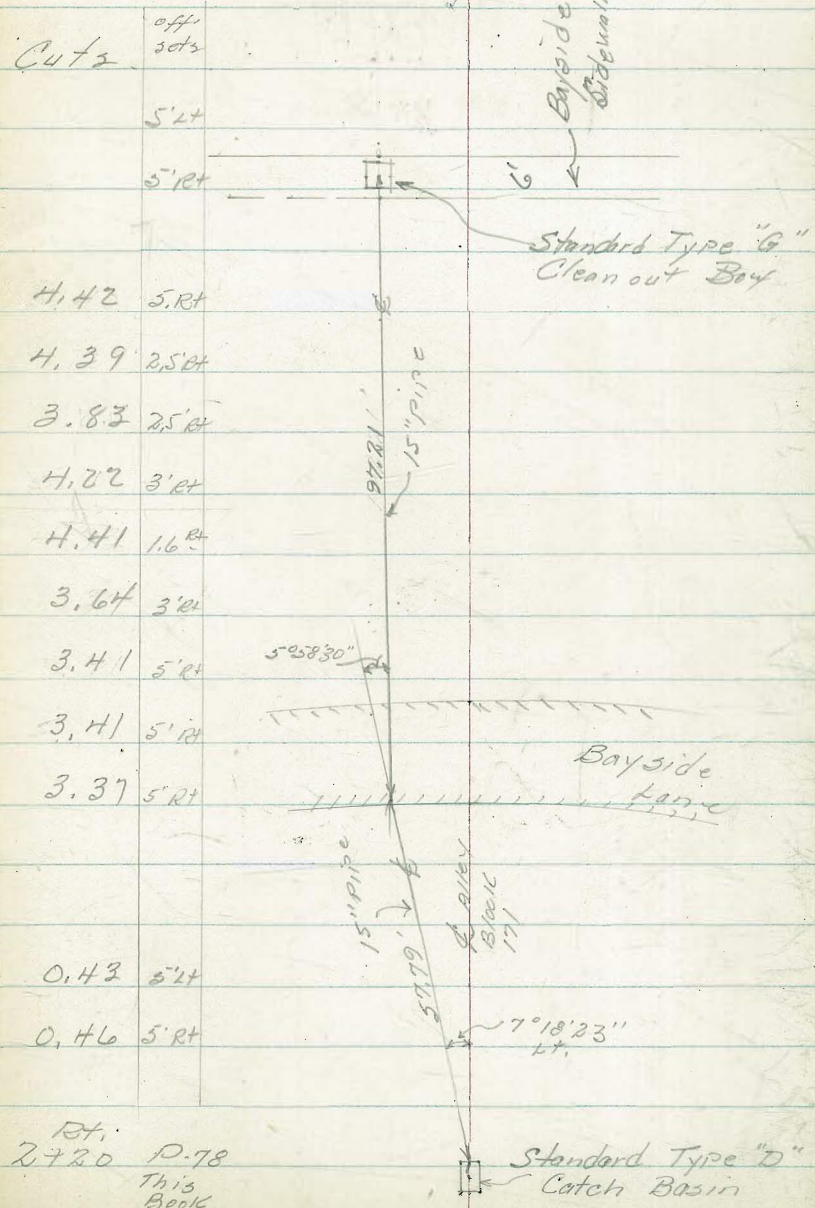
MAY 26 1950

Grades for Cleanout Box = Meet existing Sidewalk

1+55 = End 15" pipe	5.68	-0.49	-4.91	4.42	5'RT				
T.P.	5.66	5.19	4.57	-0.47					
1+39.55	4.54	-0.44	-4.83	4.39	2.5RT				
1+19.11	5.01	-0.91	-4.74	3.83	2.5RT				
0+98.67	4.54	-0.44	-4.66	4.22	3'RT				
0+78.23	4.26	-0.16	-4.57	4.41	1.6RT				
0+57.79 = 4 RT 5'58.30" RT	4.95	-0.85	-4.49	3.64	3'RT				
0+38.58	5.10	-1.00	-4.41	3.41	5'RT				
0+19.26	5.02	-0.92	-4.33	3.41	5'RT				
0+00 = Start 15" pipe	4.98	-0.88	-4.25	3.37	5'RT				
	5.00	-0.90	-1.33	0.43	5'RT				

Grades for Catch Basin

4.85 4.10 -0.75 -1.33 0.46 5'RT
RT. 2720 P. 78
This Book



Johnson
Greer
Cota
Fay
2-7-58
W.O. 31330

Stake Alley for Paving
Block 176 Mission Beach

80

INDEXED

MAY 26 1950

Sta.		- Lt.	Elev Stake Lt.	Elev. Grade Lt.	Cut or Fill Lt.	offset Lt.	- Rt.	Elev Stake Rt.	Elev Grade Rt.	Cut or Fill Rt.	offset Rt.
West Edge Bayside Lane.		5.45	-0.99	-1.01	Exist Pav.		5.40	-0.94	-0.98	Exist Pav.	
2+35		5.47	-1.01	-0.90	FO ¹¹	1' BK	5.74	-1.28	-0.90	FO ³⁸	2' BK
2+10		5.15	-0.69	-0.86	CO ¹⁷	2' BK	5.67	-1.21	-0.86	FO ³⁵	2' BK
1+90		5.46	-1.00	-0.83	FO ¹⁷	0.5' BK	4.86	-0.40	-0.83	CO ⁴³	2' BK
1+70		4.89	-0.43	-0.80	CO ²⁷	1.5' BK	5.08	-0.63	-0.80	CO ¹⁸	0.5' BK
1+50		5.08	-0.62	-0.77	CO ¹⁵	2' BK	5.25	-0.79	-0.77	FO ²²	0.5' BK
1+30		4.89	-0.43	-0.62	CO ¹⁹	2' BK	4.85	-0.39	-0.62	CO ²³	0.5' BK
1+10		4.62	-0.16	-0.48	CO ³²	2' BK	4.72	-0.26	-0.48	CO ²²	2' BK
0+90		4.32	0.14	-0.34	CO ⁴⁸	1' BK	4.76	-0.30	-0.34	CO ²⁴	1' BK
0+70		4.18	0.28	-0.26	CO ⁵⁴	1' BK	4.50	-0.04	-0.26	CO ²²	1' BK
0+50		3.48	0.98	-0.28	CO ²⁶	.22 in	4.44	0.02	-0.28	CO ³⁰	2' BK
0+25		3.94	0.52	-0.38	CO ²⁰	.05 in	4.44	0.02	-0.38	CO ⁴⁰	1' BK
0+00 = East Line Mission Blvd		4.65	-0.19	-0.48	CO ²⁹	.20' BK	4.57	-0.11	-0.48	CO ²⁷	2' BK

5.21

4.46

-0.75

B L & Disc. in Alley Blk 176 - 5' west east line
Mission Blvd
P-20

Johns
Greer
Coto
Fay
2-1-58
W.P. 313

Sta.
West
2+55
2+35
2+10
1+90
1+70
1+50
1+30
1+10
0+90
0+70
0+50
0+25
0+00-1

284.59 96

6.92
 2.17
 7.24
 9.77
 0.48

291.87
 7.27
 284.58

17.44

1.20

584
 427
 157

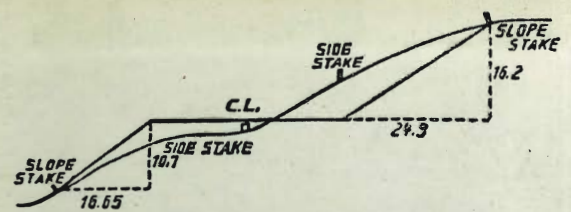
4.23

827.51

529.27
 926
 539.98

11710.21
 94718
 41 634043
 29.57

323.07
 41.50
 31.8



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
 SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.20	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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