

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.

G-400

100
105
45

Paul ask for

8-321

X'Sees Trav

MICROFILMED

APR 19 1965

0	0
1	1
2	2
3	3
4	4
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39	39
40	40
41	41
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45	45
46	46
47	47
48	48
49	49
50	50

Distance
ground is n
column and
side stake t
side stake a
cut or fill at
If it does nc

DIRECTIONS FOR USE OF TABLES

TABLE No. XIV

Distance of slope stake from side or shoulder
stake for any width roadway, slope 1 1/2 to 1
If ground is nearly level, the cut or fill at the

IMPROVED TABLES
AND
INFORMATION

TABLE No. VIII

To find Tangent and External for curve of
any other degree, divide by degree of curve and
add correction found in column of correction.
Degree of curve with a given L may be found
by dividing tangent (or external), opposite, by
given tangent (or external).
The distance from a point on the tangent to
the curve is very nearly the square of the tangent
length divided by twice the radius.

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	.037	.043	.049	.056	.063	.070
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.103	.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	.711	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	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

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Pave Alley Block 303, Pac
6-5-58- LT=NL4

Red Sewer Lateral

Station Edge Pav grade Stake

1+3534 PK. 0256K 51.81 C213 53.94

1+0767 51.52 51.46-F006

0+80=EXC Nail 0556K 51.23 51.53-C030

0+70 Nail 0656K 51.01 51.24-C023

0+60 Nail 0606K 50.66 51.18-C052

0+50 PK 1156K 50.19 51.55-C136

0+40 PK 1076K 49.59 51.12-C153

0+30 PK 1056K 48.87 50.70-C183

0+20 PK 1036K 48.03 49.62-C159

0+10 P.K. 0956K 47.06 C149 EP } C177
48.55 } 41E

R. HAINES + PNC
0+00=FLY 45.99 (Meot)

Plan - Dwg # 5023-D

11

RT: SKY

FOR TIC OUT OF PIPE + DISK AT ELY END OF ALLEY SEE PAGE 3

L
IF VARIES Edge Pav grade Stake

52.11 53.20-C109

X' 2' 6" 51.81 52.58-C077

51.51 52.11-C060

51.26 51.70-C044

50.90 51.72-C082

50.43 51.41-C098

49.83 51.40-C157

49.12 51.17-C205

48.29 C275
51.04

46.78 47.30 C381 EP } C433-41E
51.11 }

46.31 (Meot)

ALLEY

303

LT = N47

CONT

RT = S47

2

Station	edge Pavc grade	stake	grade	edge Pavc grade	stake	
3+70	53.23	54.14 - C091		53.25	52.75 - F050	
3+40 = EVC	53.98	53.95 - F003		54.00	53.98 - F002	
3+20	54.29	54.38 - C009		54.39	54.08 = F031	
3+00	54.42	54.29 F013 54.70 - C028 C455 53.95 C455		Nail 010 back 54.56	C081 55.37	
2+80#3 LT	49.41 E				53.84 F 0.67 54.08 - F043	
2+80	54.37	53.99 - F038 53.83 F0.54		54.51		
2+60 = BVC	54.13	54.26 - C013		54.24	53.65 F0.59 53.78 - F046	
2+35.75	53.63	53.66 - C003		53.78	53.56 F022 53.72 - F006	
2+11.50	53.12	54.72 - C160		53.32	53.43 C011 53.73 - C061	
2+10. #1 RT				48.3 = 1E	53.92 - C562 1E	
1+87.25	52.61	53.14 - C053		52.86	53.77 - C091	379
1+63.00	52.10	52.13 - C003		52.40	53.58 - C118	359

Alley 303 Pac Bch

LT=NC7

Station	edge Pave grade	Stake
FO ⁸² T.C. To Street		
	T.C. = 47.93 - FO ⁹⁰	
13c LT+RT } 5+11 ⁸ cob	90T 47.43 - FO ⁴⁰	47.03 - FO ¹⁸ 2 IE
2 Ingraham 4+99 ⁸ = WLY	T.C. = 48 ¹⁷ - C0 ⁸⁹ 47 ⁸⁰	T.C. = C1 ⁶⁶ 2 IE 49.06 - C1 ²⁶ 90T
4+90	49.12	50.91 - C1 ⁷⁹
4+80	49.86	51.63 - C1 ⁷⁷
4+70	50.50	52.37 - C1 ⁸⁷
4+60 = BVC	50.98	52.88 - C1 ⁹⁰
4+55 #2 LT	46.2 = IE	53.14 - C6 ⁹⁴ IE
4+30	51.73	C1 ⁵⁵ 53.28
4+20	52.48	53.28 - C0 ⁸⁰

cont

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RT=shy

Station	edge Pave grade	Stake
OK?		
WLY T Line Ingraham		
	T.C. = 47.83 - FO ⁵¹	
	90T = 47.33 FO ⁰¹ 90T	20 L 2 IE 47.32
	47.21	
	T.C. = 48 ⁰⁷ - FO ⁴¹ - C0 ²⁶ 2 IE	
	47 ⁸⁰	47.66 - FO ¹⁴ 90T
	49.12	49.06 - FO ⁰⁵
	49.86	50.16 - C0 ³⁰
	50.50	50.44 - FO ⁰⁶
	50.98	50.70 - FO ²⁸
	51.74	51.31 - FO ⁴³
	52.49	52.17 - FO ³²

Stake Curb on Nly side of
SCOTT ANCHORAGE Lane

Talbot St, Between
Dwg 14022-L

4

Station	Top curb grade	Curb Stk	Station	Top curb grade	Curb Stk
2+25	4.07	3.17 - F090			
2+00	4.32	4.00 - F033			
1+75	4.63	4.06 - F057			
1+50	5.04	4.42 - F062			
1+25	5.57	5.05 - F052			
1+00 = BVC	6.20	5.91 - F029			
0+70	7.04	6.53 - F051			
0+40	7.87	7.46 - F041			
			2+68 ³⁰ =	3.63	3.44 - F019
0+10 = Ch BC	8.70	8.61 - F009			
			1+50	3.82	3.41 - F041
SCOTT ST 0+00 = Ely It	8.70				

Lane
Anchorage
&
Talbot
at
Ch BC

✓ Stake Thorns ST 90th Wly
LT=547

Station	Rough grade	Topog grade	Ob Stake
397 ² + Ch BC 3400 ⁸⁶ = Ely R	60' Road PT 60' Rk 210 305.10	303.00	FO 35 302.65
276576	C161 304.09	302.48	FO.32 302.16
273065	C1.34 303.28	301.94	FO.19 301.75
1795 54	C067 302.07	301.40	FO42 300.98
1764 ⁴³ = B.C. ALLEY line		300.94	FO41 To alley FO 39 TO ST
1760 ⁴³ = Wly of	C108 301.96	300.88	
Line alley 1740 ⁴³ = Ely	C106 301.64	300.58	
1736 ⁴³ = B.C. 1746		300.52	FO 38 To alley. 300.28 - FO 24 TO ST
1709 ³³	8' 11" Back C048 300.60	300.12	FO 25 299.87
0778 ²²	C024 99.90	299.66	FO.39 299.27
0747 ¹¹	3' back C0.55 99.74	299.19	FO 21 298.98
0722 0746 = Meet EXisting 40th ST 0700 = Wly R		298.73	Meet

To 38th Dwg 4206-D
W0# 32684- 6/18/58 - I-20 -
RT= Wly.

Rough grade	Topog grade	Ob Stake
F460 297.40	302.00	FO 21 301.79
F94 OUT 14' RP = +1/2	301.67	FO.29 301.38
F180 OUT 27' 5' RP = -1/3	301.35	FO 35 301.00
F220 OUT 33' 5' RP = 0 1/2	301.02	FO 38 300.64
	300.74	FO.35 TO ST - 300.39 - FO 33 TO AL
F505 95.65	300.70	
F476 296.35	300.51	
	300.47	FO.28 TO ST 300.19 - FO 39 TO AL
F148 98.74	300.22	FO 25 299.97
F109 98.84	299.93	FO 40 299.53
F008 99.56	299.64	FO.31 299.33
	299.35	
	299.35	

✓ Stake Thorns ST 90th Wly
LT=527

Station	Rough grade	Topog grade	Ob stake
397 ² + cb AC 3+00 ⁸⁶ = Fly R	60° 305.10	303.00	F0 35 302.65
2+6576	C161 304.09	302.48	F0.32 302.16
2+3065	C1.34 303.28	301.94	F0.19 301.75
1+95 ⁵⁴	C067 302.07	301.40	F042 300.98
1+64 ⁴³ = B.C. ALLEY line 1+60 ⁴³ = Wly of	C108 301.96	300.94	F044 To alley 300.55 F039 To ST
Line alley 1+40 ⁴³ = Ely	C106 301.64	300.58	
1+36 ⁴³ = B.C. 1+44		300.52	F038 To alley. 300.28 F024 To ST
1+09 ³³	31' BACK C048 300.60	300.12	F025 299.87
0+78 ²²	C024 99.90	299.66	F0.39 299.27
0+47 ¹¹	31' BACK C055 99.74	299.19	F0 21 298.98
0+22 ¹ 0+46 = Meet EXiting 40th ST 0+00 = Wly R		298.73	Meet

To 38th Div 4206-D
WVO# 32684-6/18/58-I-20-5
RT=NLV.

Rough grade	Topog grade	Ob stake
F460 297.40	302.00	F021 301.79
F94 OUT 14' RP = +1 1/2	301.67	F0.29 301.38
F18° OUT 27° 5 RP = -1 1/2	301.35	F035 301.00
F22° OUT 33° 5 RP = 0 1/2	301.02	F0 38 300.64
F505 95.65	300.74	F0.35 To ST. 300.39 - F039 To AL
F476 296.35	300.51	
F148 98.74	300.47	F0.29 To ST 300.19 - F039 To
F109 98.84	300.22	F025 299.97
F008 99.56	299.93	F040 299.53
	299.64	F0.31 299.33
	299.35	
	299.35	

✓ Pave Thorn ST. 38th SWLY
 LT=5LY 39th

To 38th

RT= NLY

6

Station	Rough Grade	Topcb Grade	Cb Stk
20' Cb Road	on Radpt		
38+cb BC	C228		F009
2+9995=Kly R	304.28	302.00	301.91
2+6495	C235 05.12	302.77	F0.21 302.56
2+2996	C237 305.92	303.55	F0.19 303.36
1+9497	C245 306.78	304.33	F003 304.30
Line all way - EVC 1+5998=VLY	C231 07.42	305.11	
1+6398 4' Rad = Wly R		305.04	F039 To All 304.80 - F024 To ST
9' line zone 1+3998 = Ely	C213 307.58	305.45	
1+3598 = ally R		305.49	F050 To All 305.03 - F046 To ST
1+1998	C159 7.24	305.65	F0.37 305.28
0+9998	C160 307.26	305.66	F032 305.34
0+79.98 = BVC	C181 07.31	305.50	F035 305.15
0+53.32	C197 307.13	305.16	F016 305.00
0+2666	C192 306.75	304.83	F014 304.69
39 th + BC 20' W 0+00 = Wly R	on Radpt C190 306.40	304.50	F031 304.19

Station	Rough Grade	Topcb Grade	Cb Stk
on Radpt			
C124			F015
302.24	301.00		300.85
C166			F033
03.68	302.02		301.69
C120			F013
04.25	303.05		302.92
C112			F023
305.20	304.08		303.85
C072			
05.83	305.11		
		305.04	F033 To ST 304.71 - F048 A
C062			
306.07	305.45		
		305.49	F032 To ST 305.15 - F038 To ally
x's bk C039			F0.34
05.95	305.56		305.22
C044			F0.24
5.90	305.46		305.22
C045			F027
05.58	305.13		304.86
x's bk C087			F020
5.45	304.58		304.38
C117			F025
305.21	304.04		303.79
on 20' Radpt C081			F023
304.31	303.50		303.27

-Pave 38th St - Thorn to

Redwood St DWG 4204-D BA

LT = ELY

RT = WLY

Station

Rough Top cb
grade grade Ch Stk
C179
303.84 301.83 301.55
F0.28

Rough Top cb
grade grade Ch Stk
C179
302.62 300.83 300.82
F0.01

2+24

C174
304.20 302.46 302.19
F0.27

C136
302.82 301.46 301.48
C0.02

1+92

C142
304.51 303.09 302.75
F0.34

C093
303.02 302.09 302.10
C0.01

1+60

C103
304.75 303.72 303.29
F0.43

C059
303.31 302.72 302.49
F0.23

1+40

SKIP 303.91 303.54
F0.37

SKIP 302.91 302.65
F0.26

1+20

C068
304.78 304.10 303.68
F0.42

C060
303.70 303.10 302.78
F0.32

1+00

SKIP 303.88 303.56
F0.32

SKIP 302.88 302.69
F0.19

0+80

C121
304.88 303.67 303.31
F0.36

C088
303.55 302.67 302.51
F0.16

0+40

C184
304.67 302.83 302.73
F0.10

C052
302.35 301.83 301.68
F0.15

20' Ch Rad
Thorn + BC

on Rad pt
C2128
304.28 302.00 301.82
F0.18

F0.49
300.51 301.00 300.87
F0.13

0+00 = 5LYR

Station	Rough grade	Top of grade	cb STK
5+99 ⁵² = NL7	C213 288.13	284.00	C006 284.06
5+70	C400 290.25	286.25	F043 285.83
5+40	C410 292.60	288.50	F020 288.30
5+10	C536 296.11	290.75	F032 290.43
4+80	C493 297.93	293.00	F037 292.63
4+40	C319 298.54	295.44	F036 295.68
4+00	C174 299.63	297.89	F062 297.27
3+60	C174 300.96	299.22	F039 298.83
3+20	x 5' 6" C187 302.44	300.57	F043 300.14
2+88	C189 303.00	301.20	300.93 - F027

Redwood cont
RT = NL7

Station	Rough grade	Top of grade	cb STK
	C192 284.92	283.00	C017 283.17
	C172 286.97	285.25	C010 285.35
	C196 289.46	287.50	C016 287.66
	C161 291.36	289.75	C008 289.83
	C114 293.14	292.00	F008 291.92
	C151 295.95	294.44	F011 294.33
	F054 296.33	296.89	F059 296.30
	C178 300.00	298.22	F038 297.84
	C129 300.86	299.57	F032 299.25
	C134 301.54	300.20	C003 300.23

√ pave 38[±] ST - Redwood To

LT = EL7

Quience - Ding 4204-D

RT = Wey

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Station	Rough grade	Topcb grade	CbStK	Rough grade	Topcb grade	CbStK
2+72	C708 285.68	278.60	F013 78.47	F15 276.1	277.60	F015 77.75
2+40	C835 287.35	279.00	F012 278.88	F096 277.04	278.00	C018 78.18
2+10	C853 287.90	279.37	F008 79.29	F093 277.44	278.37	C002 278.39
1+80	C808 287.83	279.75	F010 79.65	F160 277.15	278.75	C011 278.86
1+50	C632 286.44	280.12	F010 80.02	F178 277.34	279.12	C015 279.27
1+20	C643 286.93	280.50	F027 80.23	F204 277.46	279.50	F006 279.44
0+90	C409 284.96	280.87	F008 80.79	F227 277.60	279.87	C006 279.93
0+60	C929 282.54	281.25	C007 81.32	F245 277.80	280.25	F001 280.24
0+30	F307 278.55	281.62	F020 281.42	F280 277.82	280.62	F001 280.01
BC 20' Rad Redwood + 0+00 = SLY R	0+00 Rad PT F805 273.95	282.00	C011 282.11	F204 278.96	281.00	F005 280.95

✓ Pavc 38th ST Redwood
LT = Ely

To Quince cont
RT = NLY

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Station	Rough grade	Top of Grade	cb Stk
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	Rough grade	Top of Grade	cbStk
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PC 20' ch Rad

QUINCE +

NLY ST

on rad pt

C266

266.66

264.00

F037

63.63

on rad pt

C355

267.55

264.00

C017

264.17

5+60

C097

268.97

268.00

F007

267.93

C170

269.36

267.66

F009

67.57

5+20

C063

272.20

271.57

F007

71.50

C105

271.98

270.93

F0.32

70.61

4+80

C045

274.72

274.27

F002

74.25

C104

274.46

273.42

F012

73.30

4+40

C059

277.65

277.06

F061

276.45

C040

275.50

275.10

F013

74.97

4+00

C320

280.20

277.00

C017

277.17

C012

276.12

276.00

C012

76.12

3+68

4 1/2' ch

C399

281.39

277.40

C002

277.42

C112

277.52

276.40

C001

76.41

3+36

0.3' ch

C660

283.80

277.80

C021

78.01

F064

276.16

276.80

F011

76.69

3+04

C508

283.28

278.20

C007

78.24

F111

276.09

277.20

F023

276.97

Dave 38th ST QUINCE 2^d
LT = FLY.

SLY TO CUL DE SAC
RT = WLY

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Station	Rough grade	Top of grade	CB STK
For cul de sac			See

Rough grade	Top of grade	CB STK
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Plans.

Rad-
cul de sac
2+30⁰⁰ - 30

Cul de sac
20' Rad
1+94²⁹ = BC

C1/3 TOP RC
F005 TOP RC
241.58 241.63
C009
41.72

C45⁰ TOP RC
ON S' BK R
C33² TOP RC
244.95

241.63

C003
41.66

1+80

F0.32
42.74 243.06
F033
42.73

C419
47.25

243.06

F023
242.83

1+46.66

F3.76
43.58 247.34
F026
247.08

C591
253.25

247.34

F049
246.85

1+13.33

F595
245.66 251.61
F013
251.48

C539
57.00

251.61

F001
251.60

0+80

ON R
*ON R
F180
54.08 255.88
F053
255.35

C407
259.95

255.88

F075
55.13

0+40

ON BK
F139
58.58 259.97
F092
259.05

C183
261.80

259.97

F077
259.20

+ BC 20' CB Rad
QUINCE ST

ON S' BK = F100
ON R Rad PT
C042
262.42 262.00

0+00 = SLY R

F009
61.91

5' BK = C132
C163 = ON R Rad PT
263.63

262.00

F039
61.61

Pave Redwood ST - 38 7/2 To 39 1/2

LT = NLY

Dwg # 42070 W of # 32684 -
RT = SLY 6/18/18

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Station	Rough grade	Topog Corb gr	cb STK		Rough grade	Top cb grade	cb STK
20' Rad R 39 1/2 + cb BC							
2+99.38 = WLY	C251 303.01	300.50	F017 300.33		C116 300.66	299.50	F011 299.39
2+66.88	C322 302.52	299.30	F010 299.20	'x' 2' bk	C415 302.45	298.30	C014 F004 98.45 98.26
2+34.38	C339 301.50	298.11	F025 97.86		C171 298.82	297.11	F003 297.08
2+01.88	C307 99.99	296.92	F036 296.56		C138 297.30	295.92	C004 295.96
1+69.38	C334 99.07	295.73	F043 95.30		C0.22 94.95	294.73	F017 F025 94.56 94.48
1+63.69 = BC 4' Rad 91' WLY		295.45	F025 To ally 95.09 - F036 To street			294.45	F011 To ally 294.24 - F021 To
1+59.69 = cly R	C413 99.40	295.27			F14 292.9	294.27	
of alley -	C161				F317 90.00	293.17	
1+39.69 = Wline	95.78	294.17					
4' Rad 1+35.69 = 91' WLY		293.91	F065 To ally - 293.60 - F031 To ST			292.91	F046 To ally 92.79 - F012 To grade
1+29.38	C169 295.22	293.53	293.11 - F042 291.24		F395 88.58	292.53	292.53
6+97.03	C157 292.71	291.14	C010 291.24		F274 87.40	290.14	C022 290.36
6+64.90	C233 291.09	288.76	C043 289.9		F281 285.95	288.76	F021 288.55
6+32.34	C266 89.04	286.38	C052 286.90		F580 280.58	286.38	F007 286.31
+ BC'S of 20' Rad 38 7/2 ST 0+00 = FLY R	C413 288.13	284.00	F020 283.80		F905 To Redwood 273.95	283.00	C053 283.53

Pave Redwood ST 39th
LT=only

To 40th
RT=SLY

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Station	Rough GRADE	TOP CB grade	obstK
an DRG RT L S WLY			
2+98 ⁸⁶ = Wly R 40 th		302.70	F050 302.20
LT = NWLY cor 40	on road PT C139	.70	F050
2+92 ⁸⁶ = CB R C on	304.04	302.68	302.20
2+66 ²³	C143		F035
	304.00	302.57	302.22
2+39 ⁵³	C12		F032
	303.7	302.46	302.14
2+12 ⁸³	C08		F024
	303.2	302.35	302.11
1+86 ¹³	on road PT C15		F032
	303.7	302.24	301.92
1+63 ⁴³ = 4' Rad ob R C		302.15	F045 to ally
Line of ally -	F072		301.78 - F0.37 to ST
1+59 ⁴³ = ELY	301.41	302.13	
Line of ally	F012		
1+39 ⁴³ = NWLY	301.88	302.05	
1+35 ⁴³ = 4' Rad R C		302.03	F051 ally F042 ST
	C127		F031
1+11 ⁵⁴	303.21	301.94	301.63
0+83 ⁶⁵	C153		F022
	303.36	301.83	301.61
0+55 ⁷⁶	C230		F009
	304.02	301.72	301.63
0+27 ⁸⁸	C193		F001
	303.54	301.61	301.60
20' CB Return			
39 th + R C OR	C188		F011
0 to 20' = ELY R	303.38	301.50	301.39

Rough grade	Top CB grade	ob STK
302.00	302.00	F003 - 301.97
	LT only.	
NAI C 015 BK C027 0274	301.87	F027 301.60
NAI C 015 BK C019	301.76	F049 301.27
F084 300.81	301.65	F025 301.40
F0.9 300.6	301.54	F015 301.39
	301.45	F039 ally = 301.14 F031 ST
F062 300.81	301.43	
C039 301.74	301.35	
	301.33	F028 to ST 301.05 F038 to R
X5 BK C-1.62 302.86	301.24	C008 301.32
C209 303.22	301.13	F002 301.11
Starts BK C214 303.16	301.02	F010 300.92
Starts BK C234 303.25	300.91	F005 300.86
on road PT 01.77 302.57	300.80	F026 300.54

✓ PAVE 39th
650' SLY of

ST UNDER PRIVATE CONT
Quince ST + ending at a
LT = WLY

For 150' - Beginning at a point
Point 500' SLY from Quince

13

RT = ELY.

DING # 4203A-D

Station	Rough Grade	Topcb grade	Ob STK	Rough grade	Topcb grade	Ob STK
4203-D DING # IMPROVEMENT 1911 ACT 14 = Begin 0400 Page =						
1450	C423 59.28	255.05	C020 55.25	F4.83 250.90	255.73	F020 5.53
1430	C203 55.14	253.11	C014 3.25 ✓	F2.14 251.60	253.64	C010 3.74
1410	C363 54.74	251.11	F021 50.90	F160 249.71	251.41	C019 51.60
0490	C517 53.92	248.75	F023 48.52	F3.98 245.04	249.02	F004 48.98 ✓
0470	C425 250.57	246.32	F045 45.87	F418 242.31	246.49	C034 46.83 ✓
0450	C54 249.1	243.74	F095 42.79	F426 239.55	243.81	GRADE ✓ 43.81
0430 BVC	C442 245.41	240.99	C015 1.17	F409 236.90	240.99	F017 ✓ 40.82
R QUINCE ST SLY of the SLY 6400 = 650'	F009 236.65	236.74	C314 39.88	F552 231.13	236.65	C124 C114 37.89

Stake 3975 50' from 500' sly of the
 Line Quince DWG 420 3-D
 LT=ELY

Station	Rough Grade	Topob Grade	obj + K
2+30	F068 266.44	267.12	F014 6.98
2+00	C081 266.61	265.80	F035 65.75
1+70	C086 65.34	264.48	F024 64.24
1+40	C177 264.93	263.16	F016 63.00
1+10	C246 264.30	261.84	F028 61.56
0+80 = EVC	C292 63.44	260.52	F028 0.24
0+60	SKIP	259.52	F020 9.32
0+40	C309 61.36	258.27	F006 8.21
0+20	SKIP	256.78	C008 56.86
= 1+00 Page 13 of sly of Quince 6+00 = 500' sly	C423 59.28	255.05	C020 55.25

Sly Line Quince To The sly
 6/23/58 - 110# 72684 -
 RT=ELY

Rough Grade	Topob Grade	obj
C20 270.1	268.12	26 Stake F027 67.85
C291 269.71	266.80	F035 66.45
C320 68.68	265.48	F040 5.08
C399 268.15	264.16	F028 3.88
C306 265.90	262.84	F022 62.62
C178 263.30	261.52	F006 1.46
	260.50	F024 260.26
F042 258.97	259.19	F035 58.84
SKIP	257.60	F028 57.32
F483 250.90	255.73	F020 57.53

Pave 39th ST. front 500' slg of Quince
 LT = 41.7

To slg of Quince

15

RT = ELY

Station	Rough grade	Top ob grade	Obst K	Rough grade	Top ob grade	Ob Stk
130.5 20' Rad Quince + Cb	C107 TO R ON R20 DPT C102		F032	F042 TO Q7 C158		
5+00 = slg R	280.07	279.00	278.68	281.58	280.00	F046 279.54
4+70	F012 77.56	277.68	F023 7.45	C295 81.63	278.68	F042 78.26
4+40	F169 74.76	276.36	F042 75.94	C298 280.34	277.36	F060 76.76
4+10	F146 73.58	275.04	F036 74.68	C381 279.85	276.04	F046 75.58
3+80	F177 271.95	273.72	F027 273.45	C362 278.34	274.72	F041 74.31
3+50	F221 270.19	272.40	F015 72.25	C358 76.98	273.40	F038 73.02
3+20	F260 268.48	271.08	F014 70.94	C223 74.31	272.08	F043 71.65
2+90	F084 268.92	269.76	F006 69.70	C202 72.78	270.76	F056 70.20
2+60	F169 266.75	268.44	C001 8.45	C171 271.15	269.44	F041 69.03

Pave 39th ST from NLY R
LT = WLY

Quince To SLY R Redwoods.
Dwg 4203-D RT = ELY 6/23/58 16

Station	Rough grade	Top cb grade	cb STK
4+00	C26 299.1	296.54	F029 296.25
3+60	C228 297.36	295.08	F036 294.72
3+20	C154 295.17	293.63	F025 293.38
2+80	C150 293.68	292.18	F016 292.02
2+40	C112 291.90	290.73	F032 290.41
2+00	C093 290.20	289.27	F027 289.00
1+60	F03 287.5	287.82	F019 287.63
1+20	C019 286.55	286.36	F029 286.07
0+80	F172 283.19	284.91	F050 284.41
0+40	F140 282.05	283.45	F055 282.90
13'05 20' Rad Quince to cb	on Rad PT C228 to Q		
0+00 = NLY R	C028 to 39 282.28	282.00	F065 281.35

Rough grade	Top cb grade	cb STK
C156 299.10	297.54	F031 297.23
C215 298.23	296.08	F012 295.96
C216 296.79	294.63	F031 294.32
C319 296.37	293.18	F041 292.77
C347 295.20	291.73	F039 291.34
C425 294.52	290.27	F058 289.69
C441 293.23	288.82	F044 288.38
C486 292.22	287.36	F042 286.94
C467 290.58	285.91	F030 285.61
stable C465 289.10	284.45	F025 284.20
on Rad PT C386 to Q		
C386 to 39 th 286.86	283.00	F045 282.55

Pave 39th ST Quince To

Station	Rough grade	Top cb Grade	cb Stk
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cb mc's 20' Rad

Redwood + 6400 = 547A	C118 300.78	299.60	F015 299.45
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5470	C171 301.01	299.30	F025 299.05
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5440	C224 301.24	299.00	F016 298.84
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5410	stob on # C244 301.14	298.70	F027 298.43
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4480	stob on # C211 300.51	298.40	F042 297.98
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4440	C222 99.96	297.74	F042 297.32
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Redwood cont

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Rough grade	Top cb grade	cb Stk
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C207 302.67	300.60	F030 300.30
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C265 302.95	300.30	F025 300.05
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C278 302.78	300.00	F019 299.81
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C269 302.39	299.70	F013 299.57
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C253 301.93	299.40	F035 299.05
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C182 300.56	298.74	F045 298.29
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PAVE 39TH ST. Redwood
LT = WLY.

Thorn C/23/58- DWIG #202-118
RT = ELY.

Station	Rough grade	Top cb grade	cb stk
2+88	C110 306.23	305.13	F0 46 304.67
2+52	C161 306.43	304.82	F0 42 304.40
2+16	C161 306.12	304.51	F0 41 304.10
1+80 = EVC	C132 305.57	304.20	F0 52 303.68
1+60	SKIP	303.95	F0 43 303.52
1+40 = PVC	C147 305.07	303.60	F0 40 303.20
1+05	C159 304.61	303.02	F0 28 302.74
0+70	C133 303.78	302.45	F0 16 302.29
0+35	C139 303.26	301.87	F0 25 301.62
20' Rad Redwood + BC's 0+00 = NLYA	C182 303.12	301.30	F0 13 301.17

Station	Rough grade	Top cb grade	cb stk
	C080 306.04	305.24	F0 24 305.00
	C096 305.92	304.96	F0 27 304.69
	C164 306.32	304.68	F0 25 304.43
	C183 306.23	304.40	F0 33 304.07
	SKIP	304.20	F0 32 303.88
	C215 306.05	303.90	F0 25 303.65
	C211 305.48	303.37	F0 22 303.15
	C190 304.75	302.85	F0 18 302.67
	C181 304.13	302.32	F0 26 302.06
	C168 303.48	301.80	F0 26 301.54

Pave 39th Redwood T.

LT=wly

Station	Rough grade	Topcb grade	cb stk
Thorn + 597 ON SWLY COR			
Thorn + Cb 13c 549903 = 547d	C197 306.47	304.50	F063 303.87
Thorn + 397c ON SELV COR 549303 = cb 13c			
5467 ²³	C228 307.04	304.76	F062 304.14
5435 ⁴³	C236 307.38	305.02	F058 304.44
5403 ⁶²	C209 307.37	305.28	F054 304.74
4471 ⁸¹	C191 307.45	305.54	F049 305.05
4440 F.V.R.	C185 307.65	305.80	F068 305.12
4400	C106 307.00	305.94	F061 305.33
3460 Bre.	C099 306.74	305.75	F058 305.17
3424	C100 306.44	305.44	F039 305.05

Thorn 6/23/58

R.T. 1971

19

Rough grade	Topcb grade	cb stk
	303.50	
on receipt C161 305.18	303.57	F046 303.11
C22 306.0	303.92	F031 303.61
C224 306.58	304.34	F016 304.18
C169 306.45	304.76	F022 304.54
C094 306.12	305.18	F040 304.78
C033 305.93	305.60	F051 305.09
C031 306.21	305.90	F055 305.35
C028 306.08	305.80	F040 305.40
C056 306.08	305.52	F034 305.18

Pave 45th St - Quince To Redwood - DWG 4954-D - 7/9/58 - IVO# 31427 21
 LT = NLY RT = ELY

Station	Rough grade	Top of curb grade	Curb stake	Rough grade	Top of curb grade	cb stake
2+44 ¹⁷		300.06	F004 300.02		300.56	F014 300.42
2+24 ¹²	C250 302.26	299.76	F015 99.61	C246 302.72	300.26	F025 300.01
2+04 ¹²		299.34	F013 99.21		299.84	F012 99.72
1+84 ¹⁷ = BVC	C250 301.30	298.80	C002 98.82	C252 301.82	299.30	C004 99.34
1+49 ⁹³	C385 301.63	297.78	C0.17 97.95	C301 301.29	298.28	F012 98.16
1+15 ⁶⁹	C146 298.21	296.75	C009 96.84	C361 200.86	297.25	C002 97.27
0+81 ⁴⁶	C163 97.35	295.72	C001 95.73	C373 299.95	296.22	F022 96.00
0+47 ²³	C226 96.95	294.69	C001 94.70	C365 298.84	295.19	C006 95.25
LT + RT 0+13 = C6BC	C301 96.67	293.66	F0.30 93.36	C337 97.53	294.16	F004 94.12
Quince 0+00 = NLY A		293.10	F042 92.68		293.70	C039 94.09

PARC 45T-ST CONT

LT = VILY

Station	Rough grade	Top of curb grade	Curb State
2 Redwood 5+0437 = STY		295.20	
SELY 20R + Berm BLON 4+9437 = CB	OUT 258 F178	295.50	C015 95.65
4+57 5' ^{F02} _{OUT 92}	F5.87 290.73	296.60	F050 96.10
4+20 84	C130 299.00	297.70	Grade 297.70
3+8417 = EVC	C148 300.28	298.80	F010 298.70
3+6417		299.34	F021 299.13
3+4417	C210 301.86	299.76	F001 299.75
3+2417		300.06	F036 299.70
3+0417	C008 300.32	300.24	C002 300.26
2+8417		300.30	F012 300.18
2+6417	C454 304.78	300.24	F007 300.17

RT = ELY

62

Rough grade	Top of curb grade	cbstk.
	296.70	
C238 298.38	296.00	F024 95.76
C012 297.22	297.10	F012 96.98
C070- 298.90	298.20	F017 298.03
C178 301.08	299.30	C003 299.33
	299.84	C018 300.02
Stab 2' bk C392 303.68	300.26	C009 300.35
	300.56	F010 300.46
C208 302.82	300.74	F017 300.57
	300.80	F024 300.56
C239 303.13	300.74	F020 300.54

Grade 45th ST. Redwood for 295'
 Note: Top of Wly Slope is 1' Ely of Top

Nly Toward Thorn
 2 of 45th ST -

W 100 M 31427
 DWG 4954-D

23

Station	ELEV	Top of Slope grade 1' Ely of Lot 45 th These cuts Done on 4-8-59 - on Restaking	Stake	DIST from Top to Top of Stake	Restake 4-8-59.	Top of Cut grade	Stake
2+25	9.90	F 3 60 303.50	F149 88.6	23	C124 305.24	304.00	C159 305.59
2+00	8.57	F 3 13 301.70	F15170 86.00	20	C182 4.02	302.20	C251 304.71
1+75	7.67	F 2 32 300.30	F16.75 83.55	22	C152 2.32	300.80	C167 302.47
1+58	6.77	F 2 53 299.30	F1500 84.30	22	C111 300.91	299.80	C117 300.97
1+25	6.00	F 2 30 298.30	F1744 80.86	23	C140 300.20	298.80	C130 300.10
1+00	5.22	F 2 28 297.50	F1815 79.35	23	GRADE 98.00	298.00	F095 97.05
0+75	4.91	F 2 19 297.10	81 = F159	29	F0.77 96.83	297.60	F100 96.60
0+50	5.64	F102 296.66	F1976 76.90	30	F070 96.55	297.25	F088 96.37
0+25		C016 296.23	F2213 74.10	31	C136 98.26	296.90	C132 298.22
Redwood 0+00 = Nly R		C072 295.80	F81 87.1	17.5	C.3.31- 9.86	296.55	C5.98 302.53

grade 45th ST, Redwood Park

295' Wly Toward Thornmont

24

LT = Wly
Top of slope
Grade - 1' Ely
E of 45th

309.78

RT = Ely

Station

Stake

DIST
from
Top to
Toe

Restake
4.8-59

Toe of
Cut grade stake

grading - C135
2+95 = end of 10.03 308.68 C139 310.07 Meet

C117 310.35 309.18 C122 310.40

2+50 F309 02.26 305.35 F13.89 91.46 22

C091 306.76 305.85 C154 307.39

Grades on conc ditch on 38th St
 SLY of Quince St. See Orig 4205-D
 staked 9' RT of ditch upstream

25

Station	IE of Ditch	Stake
Grades Raised 1' Due To error in orig X-sec's		
18" R.C.P		
Ditch + Begin		
1704 ²⁰ = End Conc	230.00 229.00	C218 231.18 C118
1706 ²⁰ = GR BRK	230.00 229.00	C195 230.95 C095
0+86 ²⁰ = E.C.	226.75 225.75	C427 230.02 C327
0+70 ⁶³	223.15 222.15	C587 228.02 C487
0+55 ⁰⁵	219.54 218.54	C338 221.92 C238
A = 38°15' R = 70'		
B + 39 ⁴⁷ = P.C.C.	215.93 214.93	C330 218.23 C230
R = 10' Δ = 66°57'43"		
0+27 ⁷⁰ = B.C.	213.21 212.21	C328 C208 215.29
24" EXISTING 0+00 = Meet	206.80 205.80	Meet here

Pave 55th ST - from Sky Line Lot
 DWGS 12837-AL, 12839AL, 12838AL
 Pave WLY SIDE ONLY - WLY -

Station	Rough grade	Top cb grade	Obst K
2+24 ⁰⁹		374.14	F0.06 74.08
2+04 ⁰⁹	C771 81.49	373.78	F0.08 3.70
1+84 ⁰⁹		373.35	F0.03 3.32
1+64 ⁰⁹	C668 79.52	372.84	F0.06 2.78
1+44 ⁰⁹		372.26	F0.11 2.15
1+24 ⁰⁹	C619 77.79	371.60	C0.07 1.67
1+04 ⁰⁹		370.86	F0.14 70.72
0+84 ⁰⁹ = BVC	C577 75.83	370.06	F0.25 69.81
0+42 ⁰⁴	C439 72.67	368.28	F0.25 8.03
LOT 19, Lemon Villa D+00 = Sky R	C233 368.83	366.50	C0.60 67.10

19, Lemon Villa Sky To Orange Ave 26
 7/23/58 - 120 # 32708

WLY SIDE ONLY

Station	Rough grade	Top cb grade	Obst K
4+24 ⁰⁹		373.52	F0.50 3.02
4+04 ⁰⁹	C314 77.06	373.92	F0.21 3.51
3+84 ⁰⁹		374.25	F0.21 4.04
3+64 ⁰⁹	C469 79.19	374.50	F0.16 4.34
3+44 ⁰⁹		374.68	F0.12 4.56
3+24 ⁰⁹	C562 80.41	374.79	F0.17 4.62
3+04 ⁰⁹		374.80	F0.20 4.60
2+84 ⁰⁹	C646 81.21	374.75	F0.25 4.50
2+64 ⁰⁹		374.62	F0.26 4.36
2+44 ⁰⁹	C642 80.85	374.43	F0.22 4.21

Pave 55th ST CONT - LOT 19 TO
LITTON VILLA TRACT NLY TO ORANGE BL

Wly only -

Station	Rough grade	Topcb grade	cb STK
6+9909 = AOC		365.98	
6+9709 = ch BC	F024 65.88	366.02	C0.53 6.55
6+6059	F019 66.64	366.83	F0.14 6.69
6+2409 = FVC	F070 66.93	367.63	F0.20 7.43
6+0409		368.09	F0.23 7.86
5+8409	F050 68.12	368.62	F0.18 8.44
5			
5+6409		369.21	F0.18 9.03
5+4409 = BVC	F013 69.71	369.84	F0.18 9.66
5+1409	F057 70.27	370.84	F0.07 0.77
4+8409 = FVC	F009 71.76	371.85	F0.39 1.46
4+6409		372.48	F0.38 2.10
4+4409	C142 74.46	373.04	F0.51 2.53

Pave ORANGE ST ON SLY side only -
54th TO 55th DW 12837-AL (7)

SLY cbs only -

Rough grade NOT NECESSARY -

Station	Topcb grade	Gutter grade	cb STK
2+75	365.66		F026 64.80
2+50	364.93		F0.34 64.59
2+25	364.81		F0.37 64.44
2+05	364.71		F0.48 364.23
1+85	364.61		F043 364.78
1+65	364.51		F0.36 64.15
1+45	364.41		F042 63.99
1+20	364.29		F045 63.84
1+05	364.24	C006 363.75	F043 63.81
1+00	364.22	C002 63.70	F050 63.72
GUTTER 0+90 = 'X'	364.22	C020 363.63	F039 63.83
0+80	364.22	C005 363.73	F044 63.78
0+65	364.26	C023 363.77	F026 64.00
0+60	364.28		F028 64.00
0+40	364.40		F045 63.95
0+20 = ch BC	364.60		F0.47 364.13
5+12 0+00 = Fly R			

Pave SLY of Orange 547-70
55th Cont

SLY only

Top of

grade gutter ch 5+K

5 Station

6

6

0+70

Lip of gutter
Existing El. 2363.17

6

6

3.47
G. El. 363.40
C 0.07

Mid point

± 8' gutter
on Orange

5

5

5

Sta 0+90

El. = 363.63

5 55th ST

Orange +

5 BC SWLY COR

3+34 7/8 = CL

365.39

F029
365.10

4

3+25

Grades only
365.31

F016
65.15

4

3+00

365.18

F038
364.80

7

Pave 56th ST from Meade to 415th

DWG 12834CL-7-23-58-

LT = ELY

Station	Rough grade	Top of grade	Obst Stk	
1450	420.50 420.50	416.17 416.09	17.97 16.17	C 1.70
1430		418.16 417.40	9.18 18.16	7' Ob C 1.02
1410	C335 423.30	419.95 418.55	21.59 19.95	C 1.64
0+90		421.10	3.73 21.10	C 2.63
0+70	C313 24.49	421.36	4.15 21.36	C 2.79
0+50		421.44	4.69 21.44	C 3.24
0+30	C-301 424.53	421.52	4.48 21.52	C-2.96
ON S ELY - 0+20 = Ob B/C	C2.82 24.47	421.65	4.27 21.65	C2.62
+BVC Meade - 0+10 = SLY R		422.90		
See page 33 for S. Ely. Ob. Ret.				
Meade Ave Pave P.C.I. 0+00 = SLY edge				

SLY of the SLY R Meade -

(29)

RT = WCLY -

3' Back

Rough grade	Top of grade	Ob Stake
F209 413.81	415.81 415.59	5.28 15.81 FO.53
	417.58 416.90	7.03 17.58 FO.55
F044 418.65	419.09 418.05	8.66 19.09 FO.43
	420.10 419.16	9.72 20.10 FO.38
C104 421.63	420.59 419.90	0.42 20.59 FO.17
	420.85 420.59	0.88 20.85 C 0.03
C225 423.37	421.12	0.90 21.12 FO.22
C191 423.41	421.50	1.23 21.50 FO.27

Pave 56th Meade Ave - Sky
 LT = ELY

CONT

RT = WLM

30

Station	Rough Grade	Top of cb grade	cb str	Rough Grade	Top of cb grade	cb str
3+42 ⁵⁰				C 118 C/20 99.15	397.95	7.11 7.71 97.95 F 0.24
3+15 ⁰⁰				C 2 90 403.50	400.60	0.41 400.60 F 0.19
2+87 ⁵⁰				C 2 29 405.54	403.25	3.16 03.25 F 0.09
2+60				C 2 20 408.17	405.90	5.65 05.90 F 0.25
2+35 ²⁵				C 1 01 409.32	408.31	8.04 08.31 F 0.27
2+10 = FVC				F 0 47 400.25	410.72	1.23 10.72 C 0.51
1+90				F 0 28 412.22	412.50	2.18 12.50 F 0.32
1+70		414.62			414.12	3.86 14.12 F 0.26
ELY - Curb on 1+60 = Meet		Meet	15.60 = cb			

Pave 56th Meade ave

LT=Ely

Station	Rough grade	Top cb grade	cb STK
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To Sly Cant

31

RT=Wly

Station	Rough grade	Top cb grade	cb STK
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Wly-

existing on

4+25^H-Meet

Meet

390.35

90.35

4+10

C/23

392.95

391.72

1.28

91.72

F0.44

3+90

393.43

3.09

93.43

F0.34

3+70=BVC

C/93

397.23

395.30

5.05

395.30

F0.25

Page 58² ST on WLY side.
 Meade Gvc Sly Rkr 150'
 Ding # 12835 AL - W10432708 -

WLY SIDE 1467

Station	Rough grade	Top of grade	cb stake
existing			
1+50 ⁹ = Meet		393.87	check
1+49 ⁶⁰		393.90	
1+29 ⁶⁰	C070 395.193	395.23	F0.19 504
1+09 ⁶⁰	C031 397.28	396.97	F0.06 C.91
0+89 ⁶⁰		399.13	C0.18 9.31
0+69 ⁶ = BVC	C182 403.51	401.69	F0.06 1.63 1
0+44 ⁷⁰	C033 405.44	405.11	F0.17 4.94
0+20	4	408.53	
Swly cor 0+17 = ch 13c	F008 408.87	408.95	C0.60 9.55
Meade 0+00 = Sly R		411.05	cb. Ret.

See page 33 for

Page TROJAN Ave on Sly side 32
 Between vale way & alley WLY of
 vale way. Ding 12836 - AL - 7/24/58
 W10 # 32708

Station	Rough grade	Top of grade	cb stake
Vale way - BC WLY of			
1+83 ⁵³ = alley		378.30	Meet 78.27
1+50 ⁵²	C105 380.05	379.00	8.71 379.00 F0.29
1+17 ⁵¹	C258 382.29	379.71	9.44 379.71 F0.27
0+82 ⁷⁵	4.06 C217 82.57	380.40	0.11 380.40 F0.29
0+48 = EVC	C22 83.3	281.09	0.65 381.09 F0.44
0+28	C222 283.78	281.52	1.89 281.56 F0.27
0+08 = BVC		282.22	1.90 282.22 F0.32
Vale way TROJAN + Swly cor 0+00 = cb BC		382.60	Meet 82.50

CONSTRUCT & FORM DRAIN IN HERSCHEL
 AVE SW of Pearl ST. NEXT TO La Jolla
 Elementary School
 DWS 6906-13-9-11-58 - C. ALLEN
 WO# 21686

Station	IF DRAIN	Stake	
INLET			
1+68 = 2 Type J	126.00	C4631E	INLET elev
1+66 = FC	126.00	C452 130.52	= 128.00 = C263
Ch = 9.24 - Def = 38° 15'	30''		
1+56 66	125.44	C468 130.12	top Type J
Ch = 9.23 - Def = 25°	30' 20''		inlet =
1+47.33	124.92	4.88 } 129.80	130.00 - C063
Chord = 9.23 - L = 9.33 - Def = 12°	45' 10		
R = 21' A = 76° 31'			
1+38 = B.C.	124.40	C450 } 128.90	
1+25	123.75	C442 } 28.17	
1+00	122.34	C439 } 126.73	
0+75	120.93	C434 } 25.27	
0+50	119.52	C428 } 23.80	(1520°) *
0+25	118.11	C408 } 122.19	22.695 from INLET L & T TO 45T
G.C.O.			22.695 E TO ELY 7' L & T on 3' TIC back of 45
0+00 = 2 Type	116.70	C463 } 121.33	

Stake alley BK A, CORNISH HTS
LT = 14147

DWG 10362 AL - W 0# 20020 35
911618 RT = ELY.

Station	Gr ht = nly edge Pavt	Stake	ℓ	RT = ELY edge Pavgrade	Stake
2+50	NAIL 1.35 BK 272.72	C-1.78 74.50 2.72		X-22 BK 272.52	C006 72.58
2+30 = BVC	NAIL 1.25 BK 272.70	C1.80 74.50 2.70		X'22 BK 272.50	C018 72.68
1+90	X'22 BK 272.30	C046 72.76		PK-0.78 BK 272.10	C056 72.66
1+50	PK-0.37 BK 271.90	C1.14 73.04 1.70		NAIL 0.29 BK 271.70	C107 72.77
1+30 = BVC	NAIL 0.50 BK 271.60	C0.89 72.49 1.60		NAIL 0.17 BK 271.40	C045 71.85
0+90	PK 0.34 BK 270.80	C057 71.37		NAIL 0.26 BK 270.60	C043 71.03
0+50 = EVC	X'22 BK 270.00	C054 70.54		NAIL 1.25 BK 269.80	C0.59 70.39
0+30		C052 69.62		NAIL 1.18 BK 268.90	C0.93 69.83
0+10 = BVC		C226 69.46		NAIL 1.37 BK 267.00	C089 67.89
La Paloma					
0+00 = NLY Line	266.25			266.00	

ALLEY BLK A, CORNISH

LT = WLY

HEIGHTS

Count
RT = ELY

36

Station	LT = WLY edge Pavc Gr	Stake	Grade	RT = eLy edge Pave grade	Stake
4+90 = EVC	62.40 261.90	63.44 63.54 C/14	62.00	Nail 112 BK 261.70	6053 262.23 C023
4+70 62.73	262.23	62.01 64.24 C/15	62.33	Nail in header board 0.77 BK 262.03	6047 62.20 F013
4+50 63.30	262.84	62.44 65.24 C/194	62.90	Stub 30 BK 262.60	6043 62.72 F018
4+30 64.13	PK 1L BK 263.63	64.86 65.49 C/36	63.73	Stub 30 BK 263.43	6005 F025 63.48 F035
4+10 = BVC	PK 095 BK 65.20 264.70	64.09 65.79 C059	64.80	Stub 30 BK 264.50	6016 64.66 F014
3+76 66	Nail 0.90 BK 67.05 266.70	66.37 67.07 C004	66.70	Nail 25 BK 266.50	6040 66.90 C020
3+43.33	68.86 268.70	68.36 69.06 C020	68.60	268.50	6031 C021 68.81
3+10 = EVC	270.70	C029 70.99		270.50	C059 271.09 70.50
2+90	271.72	C024 271.96 72		271.52	C024 71.76
2+70	272.40	C014 72.54		272.20	C014 72.34

ALLEY BLK 'A'
LT = WLY

Station WLY -
7+24.1 = Flow
LT = WLY
edge Pavc BK STK
253.61 Meet

ELY
7+176.3 = Flow
25

7+00 = FVC
PK-075 BK C446
255.00 59.46

6+80
257.30 C230
59.60

6+60
Nail 1.20 BK C127
259.00 60.27

6+40
Nail 1.08 BK C080
260.10 60.90

6+20 = BVC
Nail 0.90 BK C090
260.60 61.50

5+94 60.96
Nail 2.15 BK
260.86 C069
61.55 C059

5+68
61.32
261.12
61.42
62.54 C122

5+42 61.68
PK 0.98 BK
261.78
61.26 C096
62.64

5+16 62:04
PK 1.04 BK
261.64
61.58
63.22 C118

CORNISH HTS CONT 37
RT = ELY

E
7
RT = Ely edge
Pavc grade Ob Stake

252.78 Meet

254.80 C-1.30
256.10
4.80

257.10 F020
56.90

Nail 0.75 BK C106
258.80 259.86

Nail 0.90 BK C027
259.90 60.17

60.40
Nail 1.05 BK C007
260.40 60.47

60.72
Nail 1.12 BK
260.66
60.87 C015

61.04
Nail 0.76 BK
260.92
61.01 C003

61.36
Stub 0.65 BK
261.18
F050
60.68 F068
Locked
gate

61.68
Nail 0.93 BK
261.44
61.48 F020

Stake Storm Drain in
From Torrey Pines Road SLY

HIDDEN Valley Road.
DWG # 5911-D 9/23/50
W# 21716

38

Station	IE Drain	Stake	Station	IE Drain	Stake	TKL # & N
7 2+00	58.40	C708 65.48	4+55 ⁵⁰	65.00	0537 70.37	WLY #4 32 IE SLY STR } F10590T F10871C
7 1+66.7	57.90	C730 65.20	4+46 ⁸⁹ = L.	64.42	C530 69.72	2 STR. } C42 IE F1290T F2037C
7 1+33.33	57.40	65.16 - C776	omit 4+25	62.93	C679 69.72	WLY STR } C408 IE F1290T F2127C
6 1+00	56.90	C804 64.94	+ 6' ELY & Drain 6' bk face cb INLOTS 3+4 4+04 = 2 of	61.50	C190 T.C. C27390T 70.30 - C880 IE	INLOT #3 ON ELY.
6 0+85 ⁷⁵	56.69	C787 64.52	6.92 ELY 3+66.7	60.90	C835 69.25	SLY STR } C881 IE C27490T C191 T.C.
6 +8' of pipe TO ELY TYPE F C.D.	C285 TO ELY IE 24"	F134 TOP C.D.				2 STR } C880 IE C27390T C190 T.C.
6 0+67 ⁷⁵ = L	64.50 Top 52.11 IE	C466 IE 24" 63.16 - C705 IE 1/4"	6.92 ELY - 3+33.3	60.40	C712 67.52	
5 0+40 ⁷⁵	55.24	C920 64.44	3+00 = 6' ELY 6' ELY & pipe	59.90	C705 66.95	WLY STR } C869 IE C24290T C179 T.C.
+ Torrey Pines Rd. Hidden Valley Road			2+88 ⁵⁰ = L	59.73	C711 66.84	
Junction Box in			6.46 ELY &			
5 0+137 ⁵ = Meet	54.37	C966 64.03	2+62.78	59.34	C721 66.55	
Torrey Pines Road			6' ELY &			
0+00 = OLD P/W			2+37 ⁰⁷ = L.	58.96	C710 66.06	

Hidden Valley Drain

Station	IE Drain	Stk
$R=91^\circ \Delta=30^\circ 59' 27''$		
$8+22.76=BC$	97.48	106.32-C884
7+87.29	94.44	101.84-C740
7+43.64	90.57	96.58-C593
7+00	86.70	92.67-C597
6+66.7	83.75	89.35-C560
6+33.33	80.80	86.37-C557
5+98.23=EC	77.69	83.30-C561
Curve		C558
5+77.04=MIAPT	75.81	81.39
$R=91^\circ \Delta=26^\circ 40' 41''$		C524
5+55.86=BC	73.94	79.18
		C561
5+05.68	69.47	75.08

CONT

39

Station	IE Drain	Stake	
MID POINT CURVE 9+81.17=	109.80	118.00	C8.20
EXT=1.81 $\Delta=45^\circ$ R=22'			C8.46
9+72.53=BC	109.18	117.64	
			C9.05
9+44.03	106.78	115.83	
			C9.63
9+15.53	104.39	114.02	
INLET #2 TYPE B-2 8+87.03=C	90T=108.17 T.C=109.00 102.00	C11.06 IE. 113.06	90T=C489 T.C=C406
8+71.98=EC	101.35	111.27	C992
15°29.70' ch=	8°		
8+63.98	100.92	110.55	C923
12°58.54' ch=	8°		
8+55.98	100.33	109.23	C890
10°27.48' ch=	16.60		
8+39.37	98.90	107.80	C890
5°13.74' ch=	16.60		

HIDDEN VALLEY DRAIN CONT

Station	IE Drain	Stake
9+00 = 0265	wly stk	9+00 = 265
T.C. = 0182		T.C. = 0182
IE = 0162		IE = 0142

17 let	9+00 = 0279	T.C. 0196
15' Type B-2	IE = 10.36	
10 + 75 ²⁰ = 2	116.60	26.96

10 + 4673	114.55 114.59	123.42 ^C 8.87
-----------	-----------------------------	--------------------------

10 + 1827	112.49 112.51	20.87 - 08 ³⁸
-----------	-----------------------------	--------------------------

3P + 528.46' +

Drain To 1' slope of 2 change staking 9+89 ⁸¹ = EC	110.43	118.59 - on sly = 0816 on wly = 0805 18.48
--	--------	---

Stake alley BLK 11, BIRD Rock

W10# 32825- DW 95275-D-

41

LT = WLY

RT = eLy

Station

LTe dge Pavc cc

Stake

Rt edge Pavc Gr Stake

PK 065 BK

C213

Nail 068 BK

1460

131.54

33.67

131.79

33.65-C/86

1458

D=175 BK

131.17

C056

31.73

Nail 171 BK

131.42

32.57-C/15

1440

130.75

31.32-C057

131.00

131.91-C091

1430

130.25

31.02-C077

130.50

31.43-C093

1420

Nail 073 in

129.75

30.85-C/10

130.00

131.11-C/11

1410

Nail 0.40 in alley

129.27

30.82-C/55

129.52

30.71-C/19

1400

128.74

29.76-C/02

128.99

30.28-C/29

0490 = BVC

128.42

C079
29.21

128.67

C094
29.61

0455

Nail 068 BK

127.43

C083
28.26

127.68

28.13 C045

0420

126.45

C026
26.71

126.70

C/12
127.82

alley

Midway &
0400 = NLY

Meet

12

Meet

ALLEY 11,

LT = K147

Station

LT edge Pav GR

4+64⁴⁰ = EVCNail 0.25 in P.
139.03C107
40.104+44⁴⁰Nail 0.30 in P.
138.69C078
39.474+24⁴⁰ = BVC

138.33

F013
38.203+88⁰⁴Nail 0.25 BK
137.41C094
8.353+51⁷⁰Nail 0.25 BK
136.48F008
36.403+15³⁶Nail 0.20 in
135.55C047
36.022+79⁰²Nail 0.68 BK
134.62C035
34.972+42⁶⁸Nail 0.69 BK
133.69

33.84 - C015

2+06³⁴Nail 1.67 BK
132.76C066
33.42

1+70 = ERC

Nail 1.31 BK
131.83C094
32.77

BIRD ROCK

42

RT = E47

RT edge Pav GR

Stake

Nail 0.07 in Pav
139.28C108
40.36Nail 0.04 in Pav
138.94

39.94 - C100

Nail 0.15 in Pav
138.58C094
39.52Nail 0.25 in Pav
137.66

38.97 - C131

136.73

37.30 - C057

135.80

35.98 - C018

PK 0.03 in Pav
134.87

5.66 - C079

Nail 0.25 BK
133.94

35.47 - C153

PK 0.91 BK
133.01C069
133.70Nail 0.67 BK
132.08

33.80 - C172

Alley 11.

LT = WLY

13 IRD rock 1047 43

RT = FLY

Station LT edge Pav gr Stake

RT edge Pav gr Stake

Alley -

Forward & L

6+00 = Fly R

Meet

Meet

5+80⁰⁰

141.04

F123
39.81

stn 11 bk.
141.30

C065
41.95

5+51¹⁰

140.53

F096
39.57

140.79

C051
141.30

5+22²⁰

± 0.43 in Pav
140.03

C081
40.84

140.29

40.40 = C011

4+93³⁰

X 2' bk
139.53

C012
39.65

139.78
139.78

40.70 = C092

Pave Plum ST - Quimby To Stearns

Dwg 5024-D, WO #32514
10/17/58

44

LT = NWLY

RT = SELY

Sta -	Rough grade	Top of grade	cb Stake
Swlyk Russell 1+9993 =		171.55	Meet
BCLT+RT 1+6875 = cb	C078 72.08	171.30	F006 71.24
1+4937	C092 72.06	171.14	C011 171.25
EVC 1+36 =	x 3' 5 1/2" C047 71.75	170.98	C019 171.17
1+10	C040 71.10	170.70	C004 170.74
BVC 0+90	F398 66.25	170.23	C012 170.35
0+60.62	0 2' 10 1/2" F291 66.50	169.41	C010 169.51
SELY)			
BC on RT 0+3125 = cb	x 3' 5 1/2" F418 64.42	168.60	C008 168.68
R=58.23 NWLY			
CB BC on LT 0+2089 =	x 3' 5 1/2" F378 164.62	168.40	F013 68.27
0+1040		x 3' 5 1/2" 168.17	F015 168.02
Quimby ST			
NELY SE 0+00 =		167.94	Meet

Rough grade	Top of grade	cb Stake
	171.67	
0 2' 10 1/2" C243 74.23	C24 171.80	F005 171.75
0 2' 10 1/2" C416 75.76		F00 171.55
0 2' 10 1/2" C42 176.3	171.40	GRADE 171.40
0 2' 10 1/2" C800 179.20	171.20	F018 171.02
0 2' 10 1/2" C615 76.88	170.73	F003 170.70
0 2' 10 1/2" C454 74.45	169.91	C004 169.95
C454 73.60	169.10	F008 69.02
Meet	168.09	Meet

PAVE PLUM ST
LT = NELY

Station	Rough Grade	Top Obgr	CBSTK
---------	----------------	-------------	-------

Pl. Stone

1499⁹² = SWLY

Meat

1468 ⁰⁷ = CBMC	X 5' BK R C172 166.52	164.75	C012 164.87
---------------------------	-----------------------------	--------	----------------

1434.33	X ON R C175 68.92	167.15	C011 167.26
---------	-------------------------	--------	----------------

P.K. 100

1400 = EVC

P.K. 100 C176 71.32	169.56	C011 169.67
---------------------------	--------	----------------

0480

NAIL 025 IN C218 72.91	170.73	C002 170.75
------------------------------	--------	----------------

0460 = BVC

X 5' BK R C205 73.30	171.25	C013 171.38
----------------------------	--------	----------------

170
0431.25

C221 173.81	171.60	C007 171.67
----------------	--------	----------------

Russell

0400 = NELY R

171.88

cont
RT = SWLY

45

Rough Grade	Top Grade	CBSTK
----------------	--------------	-------

Meat

C219 166.44	164.25	C019 164.74
----------------	--------	----------------

P.K. ON R C201 168.66	166.65	C009 166.74
-----------------------------	--------	----------------

NAIL 025 IN C065 69.71	169.06	C003 169.09
------------------------------	--------	----------------

NAIL 017 IN ST C181 72.04	170.23	C015 170.38
---------------------------------	--------	----------------

X 5' BK R C083 71.58	170.75	C013 170.88
----------------------------	--------	----------------

C085 171.95	171.10	F005 171.05
----------------	--------	----------------

171.50

Pave 27th

ST SLY of

Main ST

W. # 32640 - DWG: 5212-D #6

Grade of GUTTER
10' WLY of ELY R
LT =

Rough

ELY
Stake

10/20/8-
Grade - See Sta Page
Grade at
WLY GUTTER
LINE

47' from Finished grade
RT = WLY -
Stake

Station

Alley

Curbs at SLY of

1759⁵⁰ = face of

17.20

16.67

1750

'x' 15⁰ BK GUT 17.11

C1⁰⁰

18.11

Alley

1740 = NLY Line

TR 12⁰ BK GUTTER
11⁰ BK
17.43

C088
18.31

'x' 11⁰ BK GUT 17.23

17.90 C0.67

1715

PK 11⁰ BK GUTTER
17.68

C094
18.62

'x' 11⁰ BK GUT 17.48

C053
18.61

0+95

PK 10⁰ BK GUTTER
17.93

C094
18.87

'x' 11⁰ BK GUT 17.74

C037
18.11

0+75

10.17 BK BOTTOM
PK
18.28

C132
19.60

'x' 11⁰ BK GUT 18.11

C053
18.64

0+55

10.23 BK = PK
18.70

C199
20.69

'x' 11⁰ BK GUT 18.57

C056
19.13

0+35

10.23 BK GUT Top Line
PK
19.22

C209
21.31

'x' 11⁰ BK GUT 19.13

C059
19.74 -

0+14

PK 11⁰ BK
19.80

C090
20.70

PK 11⁰ BK GUT
'x' 19.80

C093
20.73

SLY of Main ST
0+00

19.90

'x' 11⁰ BK
19.90

Pave 27th ST - 5400' Main ST

WO# 32640 - Dwg 5212-10-

47

Pave alley
 BLK 6, ALHAMBRA
 LT = WLY
 LT = Wly edge
 Pave grade
 Station
 State

Park - Invo # 32830 - 10/21/58
 DWG 5002-D RT = ELY
 RT = Ely edge
 Pave grade
 State

2+60 = BVC 385.54 86.14 - C060

N 0.416K
 385.84 386.66 - C082

2+2667 'X' 20 BK
 385.37 85.95 - C058

D 075 BK
 385.67 385.80 - C013

1+9333 'X' 10 BK
 385.22 85.71 C0.49

385.50 385.96 - C046

1+6000 D 050 BK
 385.06 85.09 - C003

385.32 385.71 - C039

1+2667 STUB 050 BK
 384.91 85.02 - C011

D 125 BK
 385.14 385.70 - C056

0+93.33 N 060 BK
 384.75 85.48 - C073

D 175 BK
 384.97 385.22 - C025

0+60 = EVC N 0.75 BK
 384.60 86.36 - C176

384.80 385.45 - C065

0+40 N 065 BK
 384.37 386.27 - C190

'X' 20 BK
 384.57 386.21 - C164

0+20 N 062 BK
 384.30 86.11 - C181

'X' 30 BK
 384.50 385.26 - C076

Monroe = BVC
 0+00 = NLY R.
 384.07 Meet

384.19 Meet

Station	Pave grade	Stake
4+80 = FVC	386.45	86.70 - C025
4+60	1' x 20 BK 386.90	87.38 - C048
4+40	387.22	7.97 C075
4+20	387.42	87.25 - F017
4+00	1' x 15 BK 387.49	87.57 - C008
3+80	N=030 BK 387.42	8.67 - C4.25
3+60 = BVC	N=018 BK 387.21	87.48 - C027
3+20 = EVC	386.69	87.07 - C038
3+00	386.44	86.44 Grade
2+80	385.95	86.18 C023

Station	Pave grade	Stake
4+80	386.15	6.44 C0.29
4+60	N12 BK 386.60	87.48 - C088
4+40	N10.7 BK 386.92	7.85 - C093
4+20	387.12	87.41 C0.29
4+00	387.19	87.45 C0.26
3+80	387.12	87.51 C0.39
3+60	N0.50 BK 386.91	387.22 - C031
3+20	N0.75 BK 386.39	386.84 - C045
3+00	N0.43 386.16	386.90 - C074
2+80	N0.47 BK 385.98	386.72 - C074

PAVE ALLEY BLK 6,
LT=VLY

LT=VLY edge
Pave grade

Station

Stake

RT

6+14³³ = Prop 384.34

on ELY

6+03⁶³ = Prop

5+88⁹⁸

Nail 1 5/8 BK
384.74

85.89 - C1¹⁵

5+70 = EVC

N 1 1/2 BK
384.80

86.20 - C1⁴⁰

5+50

N = 0 80 BK
384.95

86.31 - C1³⁶

5+30

N 0 40 BK
385.24

86.64 - C1⁴⁰

5+10 = BVC

1 x 1/2 BK
385.67

86.63 - C0⁹⁶

ALHAMBRA CAFE
RT=ELY-

53

RT=ELY edge
Pave grade

Stake

384.22

1 x 1 0 50

384.44

84.42 - F0⁰²

1 x 1 0 50 BK

384.50

84.48 = F0⁰²

Stub 1 2 BK

384.65

84.70 - C0⁰⁵

Stub 1 2 BK

384.94

85.03 - C0⁰⁹

Nail 0 10 BK

385.37

86.22 - C0⁸⁵

Pave along BLK 5 (Wilshire Place)

Dwg # 5258-D - 10/30/58
No. 316.37

57

Station	LT = Wly edge Pave Grade	Stake	RT = Ely edge edge Pave	Stake
2+25	364.87		5Lw 106K 364.87	
2+00	Nail 007 in Pave 364.83		'X' 364.83	
1+75	364.78		364.78	
1+50	364.74		'X' 206K 364.74	
1+25	10406K 364.69		364.69	
1+00	10646K 364.65		N 0926K 364.65	
0+75	10575K 364.60		Nail 0876K 364.60	
0+50	10576K 364.56		N 0856K 364.56	
0+25	10536K 364.51		N 0856K 364.51	
EL Cajon Blvd				
0+00: Nly R	364.47		364.47	

Void
See
Page 13

Void see page 13

Station	LT = wly edge Pave gr	Stake	RT = RH edge Pave grade	Stake
PL Meace Ave 6407 ⁵⁰ = sky	365.53	Meet	365.61	Meet
5+875 ⁰	365.57		365.57	
5+775	365.50		365.50	
5+50	N 1236K 365.46		N 1506K 365.46	
5+25	N 1456K 365.41		N 1756K 365.41	
5+00	5+060656K 365.37		N 0706K 365.37	
4+75	W 1256K 365.32		N 06113 365.32	
4+50	N 1636K 365.28			
4+25	D 1506K 365.23		365.28	
4+00	N 0836K 365.19		365.23	
3+75	365.14		365.19	
3+50	365.10		365.14	
3+25	N 1506K 365.05		365.10	
3+00	N 1506K 365.01		365.05	
2+75	N 1456K 364.96		365.01	
2+50	N 1215K 364.92		N 0776K 364.96	
			N 0826K 364.92	

Vid see sheet 53

Pave alley BLK 5, WILKSHIRE PL

Details

Note: OUTJ as shown on pages

See page 51452 for

51452 are OK

Station	LT = Wly edge Pave grade	Stake	RT = Ely edge Pave	Stake
---------	-----------------------------	-------	-----------------------	-------

2+25	^{.09} 365.11	C034 65.45 ✓	^{.09} 365.16	F004 65.12
------	--------------------------	-----------------	--------------------------	---------------

2+00	^{.03} 365.08	C078 65.86	^{.14} 365.13	C024 65.37
------	--------------------------	---------------	--------------------------	---------------

1+75	^{.04} 365.05	C012 65.17	^{.11} 365.10	C040 65.50
------	--------------------------	---------------	--------------------------	---------------

1+50	^{.03} 365.02	C044 65.46	^{.08} 365.07	C060 65.67
------	--------------------------	---------------	--------------------------	---------------

1+25	^{.96} 364.99	C172 66.71	^{.03} 365.04	C063 65.67
------	--------------------------	---------------	--------------------------	---------------

1+00	^{.96} 364.96	C176 66.72	^{.03} 365.01	C092 65.93
------	--------------------------	---------------	--------------------------	---------------

0+75	^{.95} 364.93	66.71 - C178	^{.99} 364.99	C092 65.91
------	--------------------------	--------------	--------------------------	---------------

0+50	^{.88} 364.90	366.70 C180	^{.75} 364.96	C091 65.87
------	--------------------------	-------------	--------------------------	---------------

0+25	^{.87} 364.87	C185 366.72	364.93	C109 66.02
------	--------------------------	----------------	--------	---------------

EL CaJON

0+00 = Wly A	364.84	2 CING APRIL 64.67.	364.90	
--------------	--------	---------------------	--------	--

Alley 1345
 HT-114

Station edge par grade stake

4+75 365.^{.40}42 C029
 65.71

4+50 365.^{.37}39 F018
 65.21

4+25 365.^{.38}36 F033
 65.03

4+00 365.^{.38}33 C071
 66.04

3+75 365.^{.30}30 F010
 65.20

3+50 365.^{.26}27 F037
 64.90

3+25 365.^{.23}24 C007
 5.31

3+00 365.^{.22}21 C012
 365.33

2+75 365.^{.22}18 C030
 65.48

2+50 365.^{.17}15 C059
 65.74

Wiltshire cont
 RT-114

54

Edge par
 Grade Stake

365.^{.45}44 C036
 65.80

365.^{.45}41 F019
 65.22

365.^{.38}38 F045
 64.93

365.^{.29}36 F004
 63.32

365.^{.28}33 F020
 365.13

365.^{.28}30 F034
 64.96

365.^{.33}27 F023
 65.04

365.^{.20}24 C014
 65.38

365.^{.20}21 C054
 365.75

365.^{.16}18 C062
 65.80

Pave Alley BLK 5

LT = Wly

WILSHIRE PLACE 55
RT = Ely

Station LT edge
Pave grade stake

edge Pave stake

See Pages 51 + 52 for OUTS
of Stakes + nails

Rt Meade

6+07⁵⁰ = SLY Meet

Meet

5+87⁵⁰ 365.^{52.00}57 C060
66.17

365.57 C063
66.20

5+75 365.⁵⁴55 C050
66.05

365.⁵⁶55 C047
66.02

5+50 365.⁵³52 C017
65.69

365.⁵⁵53 C040
65.93

5+25 365.⁵³49 F011
65.38

365.⁵⁴50 C006
65.56

5+00 365.46 F011
65.35

365.⁵⁰47 C045
65.92

Cutbs on slope Imperial

Between 49th + OZARK
Ding 5485 AD - W062951 03

Station	Top cb grade	Stake
1+75 ⁶⁵	154.36	F025 54.71
1+55 = EVC	153.48	F013 3.35
1+35	152.68	C007 52.75
1+15 = BVC	152.02	C028 52.30
0+94	151.42	C035 151.77
0+73	150.81	C038 151.19
0+52	150.20	C051 150.71
0+31	149.59	C021 9.80
0+10	148.98	F018 8.80
+ Imperial SELYCOR 49th of 00 = CB BC	148.80	F013 } C046 48.67

Station	Top cb grade	Stake
---------	-----------------	-------

OZARK.

IMPERIAL +

Swly cb Ret

2+58²⁵ = BC

2+37⁶⁰

2+16⁹⁵

1+96³⁰

157.90	C007 57.97
--------	---------------

157.00	F019 56.81
--------	---------------

156.12	F011 156.01
--------	----------------

155.24	F043 154.81
--------	----------------

NWly + NELY CURB RETO
QT 39TH ST + 39TH PLACE
DWIG-6402-D

57

CURB - 6+24.34 = end	242.95	F157 41.38
MID PT 6+14.67 =	243.08 243.73	F081 42.27
6+05 = BC	43.21 244.47 29.5 1.572	F014 43.07

$$\Delta = 18'28" - L = 19.34$$

$$NELY Ret = R = 80'$$

at E 6+27 ¹⁶ = end cb	240.99	F026 40.73
= MID PT 6+16.08	41.94 242.23 1.3	F059 41.35
L = 22.16 R = 30' Δ = 42.02 6+05 = BC	42.90 243.47	F002 42.92
NWly Ret	243.47	

Stake Alley BLK 75+01 a1
12-3-58 - 120# 22696 - Notes = B-14

Pacific Beach - DWG 5852-D 58

B-14

LT = NLY

RT = SLY

Station

LT Edge Pavc
grade

Stake

RT = SLY
Edge Pavc

Stake

2+40 = BVC

81.81

C005
81.86

81.51

F019
81.32

2+10

81.57

C001
81.58

81.32

F012
81.20

1+80

81.33

C041
81.74

NO 03 IN PAV.
81.13

C124
82.37

1+50

81.09

C058
81.67

NO 05 IN PAV.
80.94

C184
82.78

1+20 = FVC

'X' 106K
80.85

C014
80.99

80.75

F021
80.54

1+00

80.65

C032
80.97

80.55

F065
79.90

0+80

NO 02 56K
80.31

F010
80.21

80.21

F049
79.77

0+60

NO 05 6K
79.84

C048
80.32

79.74

F023
9.51

0+40 = BVC

NO 03 2 6K
79.21

C080
80.01

79.11

F009
79.02

Cass

(78.00)
Meet

(77.73)
Meet

0+00 = ELY P

Stake Alley BLK 70
LT = NLY

Station
DANCE ST
4+80⁸ = WLY PL
4+80
4+60
4+40
4+20 = BVC
3+90
3+60
3+30
3+00 = EVC
2+80
2+60

LT = NLY edge

face grade Stake

87.74
MEET

'X' 20 BK

88.12

88.18

87.93

87.37

86.29

85.22

192 BK Behind gate
84.14

N 045 BK
83.07

82.45

82.04

C078 EP
88.90 - C116 -

C034
88.52 (C090 -

F027
87.66

F021
87.16

C007
86.36

C082
86.04

C048
84.62

C118
84.25

F005
82.40

C035
82.39

PAC Bch cont

KT = JH7

grade

RT = SLY
edge face

87.36

MEET

540612 BK
87.77

Nail 107 BK
87.85

Nail 112 BK
87.63

8643
87.07

86.00

84.92

83.84

N 024 BK
82.77

N 002 IN PAV
82.15

81.74

Stake

C022
88.49

C042
88.27

C024
87.87

F014
86.93

GRADE
86.00

C046
85.38

C051
84.35

C092
83.69

C085
83.00

F013
81.64

59

Stake

San Clemente ST
LT=NWLY

Station	Rough Grade	Top Cb grade	Ob stake
2+10	C315 11.97	108.82	C006 08.88
1+90	X116K C304 13.82	110.78	C012 10.90
1+70	X116K C147 14.05	112.58	C010 12.68
1+50=BVC	C015 X116K 14.38	114.22	C010 14.32
1+22	C375 120.14	116.39	C002 16.41
0+94	C270 121.28	118.58	C012 118.72
0+66	C570 126.47	120.77	C027 21.04
0+38	C445 122.41	122.96	C013 23.09
20' Rad. 0+10=Cb EC	C237 127.52	125.15	F026 5.26
R. Tennyson 0+00=NELY		(Meet) 125.62	

Tennyson To Valtaine ST 60
Dwg 5761 AD, W04 32894-
RT=SELY Not 05=C-19+FR 1841

Station	Rough Grade	Top curb grade	Ob stake
	C138 109.79	108.41	F015 108.26
	316K H. C021 111.25	110.34	C006 10.70
	216K P.L. C068 112.73	112.13	F015 11.98
	F009 113.71	113.80	F008 13.72
	C009 116.12	116.03	C009 116.12
	F004 118.24	118.28	C003 18.31
	F0102 120.55	120.53	F005 20.48
	(on pipe line) F002 122.76	122.78	F001 2.77
		125.03	Meet
		125.60	

Drive San Clemente
LT = NWly

Station	Rough grade	Top cb grade	Curve stake
ON SELY - 20' Rad 4+13 = cb BC			
3+77 ⁵ LT only	c. 2.95 94.70	91.75	C007 91.82 ₇₅
20' Rad 3+37 = BC on SELY			
ON NWly - 20' Rad 3+35 ⁰⁰ = BC	C336 99.36	96 ⁰⁰	C030 96.30
only 3+10 ²⁵ = RT			
2+83 ⁵ RT only RT 2+70 = W			
ON RT 2+65 = SL #1			
ON NWly - 20' Rad 2+65 = ob BC	C407 106.92	102.85	C022 03.07
2+22 ⁷⁵ - RT only			
2+30 = EVC	C380 105.58	106.70	C005 106.75

CONT
RT = SELY

61

Rough grade	Top curve grade	Curve stake
F061 87.09	87.70	C011 87.81
C560 100.90	95.30	C007 95.37
C278 100.86	98.08	C009 98.17
C118 102.02	100.84	F007 100.77
C060 T.C. 102.82	T.C. 102.22	C060 T.C.
C551 103.25	FEATR 97.74	C551
C153 105.13	103.60	C045 04.05
C010 106.46	106.36	F002 106.34

Pave San Clemente
LT=NRVILY-

Station	Rough grade	Top cb grade	cb stake
Voltaire 6+10 ¹⁸ - H		71.90	<71.90>
20' radial 6+00 = ch Bc	C310 75.90	72.80	F017 72.63
5+66.7	C245 77.80	75.35	C012 75.57
5+33.3	C234 80.24	77.90	C014 - 78.04
5+00 = EVC alley Rad	C272 83.16	80.44	C004 80.48
4+81 ⁵⁹ = Bc 4'		81.91	C0257 82.12 } F020 to ally
4+80 = RT only		82.03	
Line 4+77 ⁵⁹ = alley	C127 83.52	82.25	
Line 4+62 ⁵⁹ = alley	PK C173 85.35	83.62	
4+60 = RT only			
4' alley Rad 4+58 ⁵⁹ = Bc 0.1'		83.87	C02057 84.07 } C037 to ally
4+40	X'11 PK C253 88.09	85.56	F021 85.35
4+20 = BVC	X'11 PK C267 90.17	87.50	F007 87.43

cont
RT=SFY

62

Rough Grade	Top curb grade	cb stake
C112 73.22	72.05	<72.02>
ON Prop line C072 73.22	72.50	C005 2.55
PK ON Prop C092 75.92	75.01	C015 5.15
C020 77.70	77.50	F005 7.45
X' F038 79.62	80.00	C011 80.11
F128 80.28	81.56	F001 81.55
F077 82.48	83.25	C016 83.41
C049 85.55	85.06	C022 85.28
F042 86.58	87.00	C028 87.28

Pave The NW 1/4 100' of Alley Blk
 W 10th 20020 - 1-14-59

126, S.D. Land & Town Co Add 63
 DW 96635-D MAP 379

LT = NLY

Q

RT = SLY

Station

LT Edge Pave Gr

Stake

grade

RT Edge Pave Gr

Stake

ONLY -
 1+50-grad^{ing}

46.20

C055
 6.75

45.50

45.70

5.55-F015

only
 1+25-grad^{ing}

46.55

852-C197

45.95

46.20

6.77-C057

Pave
 1+0003=end

46.90

FINISH grade
 SET on end of
 wall

46.40

FINISH grade SET on end of
 wall

46.70

0+80

47.25 -

F049 ELY-F029 WLY
 6.76-C001 Q

46.75

47.05

0+60

47.30

F048 ELY } F028 WLY
 46.82 } C002 Q

46.80

47.10

0+40

47.05

F063 }
 46.42 } F013 Q

46.55

N 6.2.13 BK
 46.85

C073
 47.58

0+20

46.50

F070 - (Q)
 45.80 (F020)

46.00

46.30

F017
 46.13

SAMPSON
 0+00 = S ELY R

45.65

45.15

45.20

45.75

Topch
 Grade on

Replace curb on S Ely cor 31st
 + Wriggattman - 12-14-54 - WO# 21752
 DWG 7259-13-

Station	Top of grade	Stake
1+98 ⁵⁶		
1+88 ⁵²	351.26	F020 51.06
1+66 ⁰⁶	351.59	1.42-F017
1+43.58 = PC	351.93	51.70-F023
(4' NWly) Point of curve 1+317 ⁸ = MID	352.10	F030 51.80
Rad S Ely 3MI weight 1+20 = BC - 15'	352.06	F018 51.88
0+90.5	351.79	F024 351.55
0+61.0	351.53	F031 51.22
0+315	351.26	F030 } 50.96 }
Alley curb 0+02 = PC	351.00	F031 50.69
Alley - Fly of 31 st 0+00 = Wly 15'	351.00	F042 50.58

SEWER IN 39th Place +
 Alley BLK 143, CIT 7 HTJ
 DWG 6401-0, WO# 20020 - J-20
 JAN 16, 59.

64

3+35.80	207.15 - C1118
2+98 ⁶⁹	201.72 - C1113
2+6158	196.29 - C1074
2+24 ⁴⁵	190.86 - C1018
1+8735	185.43 - C949
SPLIT = 7.88. 1+50 ²⁵ = 2 MH #3	180.00 - C1084
1+05 2 MH #2	173.04 160.00 - C1304
0+70	159.46 - C551
0+35	158.94 - C610
0+00 = 2 MH #1	158.42 - C647

Sewer in 397th Place
CONT

65

6+10=PLUG	^{47.00} 235.68	247.00 - C11.32
5+70	232.16	43.93 - C11.77
5+30	228.62	40.70 - C12.08
4+90	225.08	36.78 - C11.70
4+50	221.54	32.30 - C10.76
4+10 ⁰⁰ =EMH#4	218.00	C9 ³⁶
3+72.91.	212.58	C10 ⁵¹

Rough grade stakes on
45th St to Chamoune
Nly.

Sta	Rough gr	Top ch gr
	PK 1.3 IN STREET	
	C43	
2+10	20.5	316.2
	25 IN STREET	
	C25	
1+90	17.9	315.4
	25 IN STREET	
	C32	
1+70	16.8	313.6
	C38	
1+50=BVC	15.6	311.8
	C27	
1+25	312.1	309.4
	C41	
1+00	311.12	307.0
	C50	
0+75	09.61	304.6
	C53	
0+50	07.65	302.3
	C62	
0+25	306.15	299.9
45th to NLY.	C606	
0+00=ELY P	303.56	297.5

REDWOOD ST FROM 66
RT-547
Stake 1' back of Propline

Rough gr	Top ch Gr
C09	
16.6	315.7
IXIONOR.	
C03	
315.78	314.9
C05	
13.65	313.1
C05	
311.82	311.3
C07	
309.57	308.9
C22	
8.72	306.5
C26	
6.75	304.1
C33	
5.1	301.8
C42	
04.35	299.4
C50	
302.46	297.5

Sta	Rough Gr	cb gr	Rough Gr	cb Gr
R Chamoune			C06 19.0	
2+80 = WLY	318.9		C08 19.0	318.4
2+70 = RT ONLY			C06 18.4	318.2
2+50 = FVC	318.3	C26 20.9		317.8
2+30	317.2	x' C34 20.6	C09 17.6	316.7

PAVE WARRINGTON ST - UDALL ST
 SWly TOWARD NIMITZ BLVD 9/2/59
 6422-D
 W 0#33027
 STATION LT=SELY NWLY
 TOP Top of Stake
 CBGV Stake grade Stake
 LT 1 F024
 2+00=endcb 85.15 4.91
 1+70=BC RT 85.38 C021 84.95 C013
 5.59 84.88 5.08
 30
 1+35 85.52 C022 85.02 C034
 5.74
 1+00 85.66 C012 85.16 C025
 5.78 85.41
 0+80. 85.82 C007 85.32 C025
 85.89
 0+60 85.91 C014 85.56 C043
 86.05 85.99
 0+40 86.00 C008 85.81 C067, C068
 86.08
 0+20 86.17 86.29 86.09 C101
 87.10
 0+06=cb BCLT 86.42 C019
 86.61
 RT
 0+03=cb BC 86.20
 UDALL
 0+00=SWly 86.56 86.27

PAVE REDWOOD ST -
 W of # 32409 - DWG 6542-D
 No Rough grade Required

STA	Top of GR	STAKE
# 44th 2+66 55' - wly	302.80	
2+63 55' = B CUT	302.82	02.94 - C012
2+50	302.92	03.24 - C032
2+25	303.14	03.56 - C042
2+00	303.35	03.70 - C035
1+75	303.57	03.77 - C020
alley BC 1+44.50	303.83	if F020 } F029 303.63 } alley
alley BC 1+23.50	EXIST = 4.09 304.05	C016 } C013 304.25 } alley
1+00	304.24	
0+86.50 = RT M. Reedy ⑥ SET		
0+75	304.46	
0+50	304.68	
0+20	304.94	
Fairmont 0+00 = Ely St	305.11	

FAIRMONT TO 44TH 9/11/5691

Top of GR	Stake	C
302.80	F014 02.66	
302.83	F020 02.63	
302.91	F026 } 02.65 }	
302.99	F048 02.51	
303.07	F045 02.62	
303.17	F007 303.10	
303.27	F012 303.15	alley = F0.16
303.34	F009 303.25	
SET 303.39		
303.42	F0.17 303.25	
303.50	F009 303.47	
303.60	C0.23 303.83	C023
303.55	MEET	

PAVE 41ST MARKET TO 'J' ST
 DWG # 6634-D - NOTES I-22

NO # 31167 - 9/14/59 -

70

RT = WLY

LT = ELY

STATION	Rough grade	Top of grade	CURB STAKE		Rough grade	Top of grade	CURB STAKE
1+80	F003 29.74	129.97	C003 30.00		C241 32.42	129.95	9.98
RT 1+70 = SL#1					C823 IE 32.22	124.00 ^{IE}	
1+65 @ RT					C145 31.53	TIC- 130.08	
1+50	C055 29.60	129.05	C042 9.47		C183 30.99	129.16	9.24 - C008
1+20	C051 8.10	127.59	C002 7.61		C050 8.34	127.84	7.76 - F008
0+90 = EVC	F022 25.36	125.58	C004 5.62	PK	C004 6.04	126.00	5.68 - F032
0+70	F055 3.78	124.33	F027 4.06	PK	C026 5.12	124.86	4.66 - F020
0+50	F083 122.67	123.50	F062 2.88	PK	C045 4.56	124.11	3.99 - F012
0+30 = BVC	F063 122.47 x 5' 5" 16	123.10	F050 122.60	PK	C014 3.89	123.75	F023 } 3.52 }
BC's 20' cb Rad MARKET + 0+50 = SL#A	F009 ON RAD PT 122.76	122.85	C021 3.06	ON RAD PT	C030 3.90	123.60	F049 3.11

PAVE HIST ST

LT = ELY

STA. Rough
grade Top of
grade Curb
STK

3+70 C055
4.32 123.77 C004
3.81

3+50 C059
5.58 124.99 GRADE
4.99

3+30 = BVC C196
8.34 126.38 C005
6.43

3+00 C114
9.33 128.19 C016
8.35

2+70 C043
29.88 129.45 C010
9.55

Narrow Rdway
+ WCK RT +
2+55 = end curb

C005
29.86 129.81 C013
9.94

2+40 F013
30.04 130.17 F014
0.03

RT
2+30 SL#2

2+20 @ RT

2+10 C028
30.62 130.34 F006
30.28

TP = NAL IN
Pole # 76708
LT of 2485
130.88

COAT

RT = WLY

A.C. -
GUTTER Rough
GRADE Top of
Grade Curb
STK

3.74 - C072 C088 EP
122.97 3.85 123.47

4.95 - C075 C079 EP
124.19 ✓ 4.98 124.69

6.51 - C093 C110 EP
125.58 6.68 126.08

(8.61 - C121) C137 EP
127.40 8.77 127.90

9.77 - C107 C112 EP
128.70 9.82 129.20

C098 TO EP FOLLOW ON CURB
129.10 - (C101) 29.49 129.60 9.92 - C022

C047 C047
30.47 130.00 9.93 - F007

C628 IE IE
130.78 124.00

C047 T.C. T.C.
130.62 130.15

C066 C066
30.88 130.22 30.09 - F013

PAVE FIRST ST

CONT.

72

STATION	Rough GRADE	Topob GRADE	Curb&tk		A.C. GRADE	Rough GRADE	Topob grade	Curb STK
5490 ³⁸	C173 13.95	112.22	C048 12.70	90TT 111.72	C215 13.57	111.42	111.92	
5480 ³⁸		113.83	C2.24 17.07		C089 13.92	113.03	113.53	
5470 ³⁸	C260 17.76	115.16	C186 17.02		C004 14.40	114.36	114.86	
5460 ³⁸		116.21	C104 7.25		C169 17.10	115.41	115.91	
5440.38	C082 18.30	117.48	C017 17.65		C077 17.45	116.68	117.18	
5410 ²⁸	C016 18.72	118.56	F014 18.45		C031 18.07	117.76	118.26	
4480.21	X 1' back C350 23.14	119.64	F006 19.58		19.11-C027 118.84	C023 EP 19.07	119.34	
4450 ¹⁴	C043 21.15	120.72	C004 20.76		20.22-C030 119.92	C026 EP 20.18	120.42	
4420 ⁰⁷	C024 22.104	121.80	C018 19.8		1.43-C043 121.00	C038 EP 21.38	121.50	
1-30.10 4-30.07 3490	C053 3.41	122.88	F012 22.76		2.78-C070 122.08	C074 EP 22.82	122.58	

PAVE 41ST ST
LT=FLY

CONT
RT=WHY-

73

STA	Rough grade	Top of Grade	Curb Stake	Rough grade	Top of Grade	Curb STK.	
END CALDEJA 7+16 ³⁸	C008 99.43	99.35	C009 99.44 ₅₈	F055 T.C. 98.83	98.88 99.38 T.C.	F069 T.C. 98.69	
7+00 ³⁸		99.50		6+00 ³⁸ -110.05 F052 } 6+10-108.02 } F275 } 6+20-106.29 } F293 EP	98.90 99.40	F023 98.68	
= EC 6+90 ³⁸	F036 T.C. 99.49 MIL 378 BKCB FC	99.85	F079	F255 } 6+30-104.84 } F235 } 6+40-103.20 }	F044 EP 98.73	99.17 99.67	F063 } 98.54 }
= BC LT 6+80 ³⁸	C030 100.68	100.38	C030	98.74 99.65 = F091		100.15	
6+70 ³⁸		101.09	F014 } 100.95 }	F134 98.95 100.29		100.79	
6+60 ³⁸		102.00	F155 100.45	F164 } 99.52 101.20 }		101.70	
BC LT 6+50 ³⁸ = cb	F22 100.8	103.00	F238 100.62	{ F222 } 99.98 } 102.20 } F295 99.25		102.70	
P'J' ST 6+40 ³⁸ = SLy		104.05		103.20		103.70	
NLYA 'J' ST 6+60 ³⁸ =		110.00		10.80: C125 109.55		110.05	

Put in grades for
Edge of PRT on Why

PAVE ALLEY/BLK 4, STRATFORD PARK + GILLEY BLK D, TURNBULL SUB

W10# 32976 - SEPT 16, 59

DW 96291-D

74

STA	LT = WLY		RT = ELY		CUT or FILL
	LT edge ALLEY PT grade	STAKE	RT edge ALLEY PT GR	STAKE	
1490 = BVC	'X' INTOP Wall - 075 BK EP 76.90	80.37 - C347	'X' 150 BK EP 77.15	78.30	C15
1470	76.70	76.62 - F008	76.95	77.10	C015
1450	76.50	76.45 F005	76.75	77.22	C047
1428	76.36	76.66 - C030	'X' 200 BK 76.55	77.17	C062
1406	76.23	76.44 - C021	'X' 200 BK 76.34	76.64	C030
0484	76.09	76.15 - C006	76.14	76.25	C011
0462	75.96	76.00 - C004	75.93	75.98	C025
0440 = EVC	75.82	76.60 - C078	75.73	75.84	C011
0420	75.47	76.88 - C141	75.21	75.55	C034
FRANKLIN BVC 0400 = NLY P	74.02	MEET ✓	74.01	MEET	

Pave along BLK 4
 LT = WLY
 LT Edge ALLEY
 PAVE grade

STRATFORD Park cont 75
 RT = ELY.

STA			RT Edge Pave	STAKE	
4404	78.46	78.39 - F007	'X' 2.0 BK 78.71	79.73	C102
3482	78.37	78.63 - C026	78.62	80.21	C159
3460	NAIL 0.75 BK 78.28	79.71 - C143	N 0.27 BK 78.53	80.94	C241
3438	78.19	78.15 - F004	78.44	79.38	C094
3416	3' BK 78.10	78.09 - F001	78.35	78.80	C045
2494	78.02	77.10 - F092	78.27	78.39	C012
2472	77.93	77.36 - F057	78.18	78.55	C037
2450 = EYC	STUB 1.0 BK 77.84	77.96 - C012	NAIL 1.13 BK 78.09	79.11	C102
2430	STUB 0.75 BK 77.60	77.80 C020	'X' 2.0 BK 77.85	78.92	C107
2410	'X' at top of wall 0.75 BK 77.20	81.06 - C386	77.45	78.20	C075

PAVE ALLEY BLK 4
LT=WLY

STRATFORD CONT
RT=Ely-

76

STATION	LT edge PAVE grade	STAKE	RT edge PAVE gr	STAKE	
6+05	84.36	84.49-C013	84.61	85.43	C082
5+90=BVC	83.95	83.89-F006	1/2 BK 84.20	84.83	C063
RT 5+74 7/8 = SL#2			N 1/2 BK PL. 78.43 IE	85.20	C677 IE
5+50	81.89	80.95-F094	82.14	83.05	C091
5+10=ELC	1/2 BK 79.83	80.01-C018	80.08	81.22	C114
4+90	1/2 BK 79.04	79.13-C009	79.29	80.35	C106
4+70=BVC	1/2 BK 78.72	78.11-F061	1/2 BK 78.97	80.63	C166
4+48	78.63	77.50-F113	N 0 1/2 BK 78.88	80.42	C154
RT 4+29 7/8 = SL#3	ALREADY SEWERED?		73.81=IE		
4+26	78.54	78.13-F041	N 0 2/4 BK 78.79	80.58	C179

PAVE ALLEY BLK 4 STRATFORD cont

LT = WLY.

RT = ELY.

77

STATION

LT edge
PAVE grade STAKE

RT edge
PAVE GR STAKE -

WEBSTER ST

6+59.75 = SLYA

79.54

Meet

80.20

Meet

6+50

81.20

83.66 - C2⁴⁶

81.45

84.59

C3¹⁴

6+35

82.98

83.76 - C07⁸

83.23

85.96

C27³

6+20

84.04

83.75 - F02⁹

N 068 WKEP

84.29

86.21

C19²

6+10.75 = RT
= JL #1

N 033 BK PL

79.58 = IE

85.99

C6⁴ IE.

Page 11

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we

6+8

6+

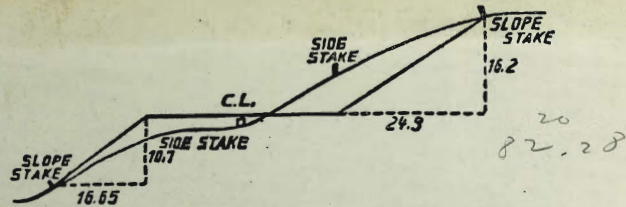
6+

6+

6+10

$$\begin{array}{r}
 100.33 \\
 97.148 \\
 \hline
 197.181 \\
 98.90
 \end{array}$$

143.53



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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