

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.

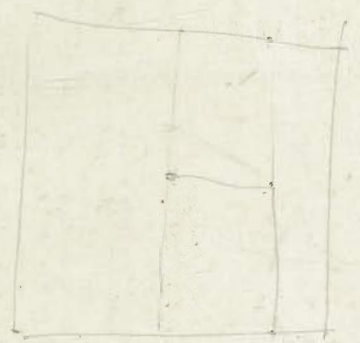


TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

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

FOR TANGENTS ADD

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

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.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	.266	.353	.440	.528	.617	.707	.797	.877	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

Prop. Senior - 36 MARKET - LOTS 1-3 WELLS PARK

42

D. Smith
J. Rorer
R. Taylor
B. Fish

Proposed Preliminary
Catalina & Silver Gate

Sewers for PL. 104
Roscraft & Silver Gate

WO# 32116
7-24-54

(1) = P₇ no

INDEXED
PER

JUL 28 1954

BM ch. 30 630
Elev. 1761.00
F. J. Large
set

existing SMH #6A
#14632
Elev. 189.29
set

Roscraft St

Catalina Bld.

PL. 104

F. J. Large
set

①

⑫

⑥

84510
set Hub

⑩

set Hub

By U.S. Gov.
Electronics

9708.00
set
F. J. Large
set

5400.20
F. J. Large
set

Notes on Silvergate Pl. Pg. 28

set
F. J. Large
set

Silver Gate

set

set

set

set

set

set

set

set

set

set

set

set

set

set

set

set

set

set

set



25' Nly

Base
Line
304.6
61

50' Nly

304.1
62

75' Nly

303.8
72

100' Nly

303.4
76

125'

303.0
80

150' Nly

302.5
85

existing SMW
174⁵⁵ Nly on Catalina from 0700

294.29 302.52
16.69 8.46
18 r/m

BM

448 x 310⁹⁸

306.50
Sp. 1/2
Catalina
Hosecraft St

2125

2140

1475

1450

1425

1400

0475

0450

0425

Hosecraft
Fly 15 Catalina
0700 PK nail - Ely

FB/75/199

Base
Line

2

306.1
42

306
50

305.8
52

305.7
53

305.7
53

305.6
54

305.6
54

305.6
54

305.5
55

305.53
5³⁵
on PK

x 310⁹⁸

Note: All house fly are higher than road.

Note: all House fly are removed to the rear of the house.

Base line

4750 312.8
92

4425 311.5
110

TP1 1206 π 322.53 051 310.77 on 4400 rail

4400 310.5
0.5

3775 309.2
1.8

3450 308.5
8.5

3425 307.6
3.4

3400 307.1
3.9

2475 306.6
4.4

2450 306.2
4.8

π 310.28

Base line

3

6475 325.2
90

6450 323.9
103

TP2 1186 π 334.17 022 \downarrow 322.31

6425 322.5
0.5

6400 321.0
1.5

5475 319.5
3.0

5450 318.2
4.3

5425 317.1
5.4

5400 315.5
7.0

4475 314.1
8.4

π 322.53

Rosecroft
9408⁰⁰ - East Silver Gate Ave

Base
Line

27 331.5
34

9400

28 331.4

8475

29 332.0

8450

30 331.9

8425

31 331.5

8400

32 330.9

7475

33 330.0

7450

34 329.0

7425

35 327.8

7400

36 326.5

37 334.17

10450

10425

10400

9475

9450

9425

9408-25' Nly

9408-50' Nly

9408-75' Nly

9408-100' Nly

TP3

8212 House
Nly

329.12

796
800
Floor

330.3

329.8

326.0

114
100
84
74

328.1

800
50
44
44

229.3

6²⁵ 337.38

304 331.13

ON E Mon
Rosecroft
Silver Gate

Base
Line

37 334.1

38 333.6

39 333.0

40 332.6

41 332.1

42 331.7

	Base Line		Base Line
12+25	337.5 48	213' H ₂ House Fly	348.0 70.50 213 Floor 72 340.1
12+40	337.1 52	14+25	72 339.8
11+75	336.6 52	TP ₅	72 339.5 1440369 stub INT
11+50	336.2 62	14+0369	227 stub
11+25	335.7 66	13+75	31 339.2
11+00	335.1 72	13+50	34 338.9
10+85 55' Rt Wh ₂ House	335.46 688 55' Floor	13+25	38 338.5
10+85 105' Lt Wh ₂ House	335.19 715 105' Floor	13+00	40 338.3
TP ₄	736 π 342.34	64' H ₂ House Fly	337.55 422 64' Floor 43 338.0
10+75	334.7 82	12+75	43 337.6
	π 337.38	12+50	47 342.34

	Base Line
17+00	343.9 36
16+75	343.6 39
16+50	343.3 42
16+25	342.8 42
16+00	342.5 50
15+75	342.1 52
15+50	341.8 52
15+25	341.2 63
15+00	340.9 66
14+75	340.5 70

T 347.50

	Base Line
2+00	338.0 7 ±
1+75	338.7 6 Z
1+50	339.5 5 9
1+25	340.3 5 /
1+00	341.2 4 ±
0+75	342.2 3 ±
0+50	342.8 2 ±
0+25	343.7 1 Z
0+00 wly 2/4 = 3	344.2 1 ±
17+24 ³⁹ Stab	342.1 ? 3 ± Stab

TP 6 1.23 K 345.40

333 344.17

on stab
17+24 39 34
= 3
0+00 wly

Base in line
20' W of
Line of distribution

4+50

Base
line
336.4
9 0

5786

332.2
337.4

4+25

336.6
9 4

5780 15' Lt @ 3' Orange

4+00

336.0
9 4

5761

332.9
335.8

3+75

336.0
9 4

5760 16' Lt @ 3' Orange

3+50

336.0
9 4

5+36

332.1
4 6

3+25

336.2
9 2

5711

335.5
4 2

3+00

336.3
9 1

4786

336.10
3 6

2+75

336.5
8 9

4761 5' Lt BEGIN
wire course

336.7
3 0

2+50

336.8
8 6

T.P. 7 2.89 339.73 T 847 336.93

2+25

337.1
8 0

4+61.00

on hub
20' W of
30 342.4?
on hub

345.40 T

Base Line
is 20' Ely of
working line

Base
Line
is 15' Ely of
working line

8

6786

331.1
4.2

6783 16³/₄ L E 4' Persimmon

331.5
3.6

6761

TP 9

8.06

check P13
610 Hubs
4429 62 Ely
8705 13
201

6758 16⁵/₈ L E 6' Mulberry

4496
25
7785

327.8
7.3

6743 10⁵/₈ L E 4' Almond

7761

6.3 228.8

6736

331.2
3.8

7744 17³/₈ L E 4' Pomegranate

329.3

TP 8

4.31 335.05 π 8.99 330.74

7734

5.8

6714 5' L E 6' Blue Acacia

7723 17⁰/₈ L E 4' Pomegranate

330.3

6710

331.2
3.5

7711

4.8

6704 16' L E 3' Walnut Tree

7704 16³/₄ L E 4' Persimmon

339.73 π

335.05 π

2400

Base
LWT
along
Catalina Sly
52 313.2

Base
LWT
Sly along
Catalina
52 320.5

1475

56' 2nd House

312.86
603
56' Floor

62 312.2

3450

1450

72 311.0

3447

3429

crosses with con
A.C. drive ditch

319.04

1425

96 309.3

3426 55' 2nd House

703

TP, 72' x 326' floor

55' 2

003 318.86

1400

103 308.6

3425

06 318.3

0475

112 307.7

3400

16 317.3

0450

120 306.9

2475

12 316.1

0425

127 306.2

2456

ends crosses with con
A.C. drive ditch

315.25

0400

P.K.
Sly

1324 305.65

2450

364

2435

crosses with con
A.C. Drive ditch

314.7

BM

1239 318.89

306.50

spike
Rose cr. Pt.
& Catalina

45

318.89

Base Line
Sly along
Catalina
118 329.7

5400

4197 15" RT Nly outlet
12" Corrugated Pipe

328.39
13"
1.5"
12" outlet

TP3 1289 π 341.50

425 328.61
ON Hub 4495.80
5
0700 Ely

0400 Ely
=5

4195.80 Sly
4190.80

425 328.61
ON Hub
413
ON Hub

4175

416 328.73

0 4150

42 326.7

TP2 767 π 332.86

D 325.19

0 4125

4 325.0

4400

25 323.5

3475

32 322.2

π 326.07

Base Line
Sly along
Catalina

920 π 350.86

054 340.26

TP4

7100

6475

6150

6425

6100

5475

5450

5425

5417 15" RT Nly inlet
12" Corrugated Pipe

05 341.0

24 339.1

35 338.0

48 336.7

70 334.5

83 333.2

101 331.4

113 330.3

329.75

1175
15"
12" inlet

π 341.50

Base
LINE
Sty at base
Catalina

Base
LINE
Ely

11

775 1311 \checkmark π 35354 0⁴³ 350⁴³ ^{on Hub} 8754¹⁰

8754¹⁰

0¹ 350.8

8725¹

1² 349.2

8700

3³ 347.6

7775

4⁶ 346.3

7750

6⁶ 344.3

7730 ϵ crosses 1/2 gas line

7⁹ 342.97
7⁰⁰

7725

8¹ 343.1
7⁸

153 772 House

7715

9¹⁵ 341.71
153
A100

\checkmark
 π 35086

10775

341.9

346.1

11⁶
70

74

10750

342.8

346.9

10⁷
70

66

10725

344.1

348.0

9⁴
70

55

10700

344.2

348.5

9³
70

52

9775

346.1

349.4

7⁴
70

44

9750

346.7

350.0

6⁸
70

35

9725

347.4

350.5

6⁴
70

32

9700

347.9

351.1

5⁶
70

24

8775

348.2

351.3

5³
70

22

\checkmark
 π 35354

Base
LINA
ELY

Base
LINA
ELY

12

2+00

322.2
104
100

74 325.2

1+75

72 325.4

✓ 1+59 9⁴ L + 4" Acacia tree

1+50

68 325.8

✓ 1+27 5⁶ L + 4" Acacia tree

1+25

64 326.2

336.93

BM
TP7 197

8⁸⁰ 336 94
out hub 1181⁰⁰

1+00

60 326.6

TP6

2⁸⁷ 345 74
out hub 11740

0+75

58 326.8

11+74⁰ end

338.4 342.7
154 108
70

✓ 0+50 4² L + 2" Acacia tree

51 327.5

11+50

339.3 343.4
142 104
70

✓ 0+40 5⁶ L + 3" Acacia tree

✓ 0+35 2 crosses 2" Acacia tree

0+25

42 327.9

11+25

339.7 344.5
138 90
70

✓ 0+05 3² L + 8" PP pole # 309536H

✓ 0+05 5² L + 16" Cypress tree + begin 4' wire fence

0+00

40 328.6

11+00

340.7 345.5
128 80
70

353.54

325 332.56

328.61

Hub 449580
= 5
0+00 Ely

Base
Live
Fly Mid 104

Base
Live
Fly
Mid 104

✓3425 6° H & 18" P.P. 63731

83 324.3

✓3421 15° L & 20" Cypress

✓3404 14° H & 20" Cypress tree

3402 7° L & dead man

✓3400

324.2
84

✓2491 8° L & Begin planting

✓2484 9° L & 10" Pepper tree

2477 11° L & 4" shrub

2475

324.7
79

✓2472 9° L & 3" Pepper tree
(15° L & 4" Pepper tree)

✓2469 4° L & dead man

✓2460 4° L & end 4' wire begin rail fence

2450

325.0
76

✓2448 4° L & 8" P.P. 477613 H

✓2440 15° L & 24" Cypress tree

✓2429 15° L & 18" Cypress tree

✓2425 15° L & 18" Cypress tree

✓2422 15° L & 36" Cypress tree

✓2417 15° L & 32" Cypress tree

✓2406 15° L & 34" Cypress tree

333.56

✓7485+ M, end

44964 Ely

327.9
583 327.7
Hub

sell end 4' rail fence 11 to live begin wire

✓4445 & crosses rail fence

✓4435 8° L & end planting

4429 64 Ely
8405 24

327.2
63

4425

4413 15° L & 22" Cypress tree

4400

65 326.9

✓3497 14° L & 36" Cypress tree

3490 14° L & 16" Cypress tree

3478 105' L & House

1078
105
Floor

327.4

3475

78 325.7

3450

86 324.9

✓3444 15° L & 36" Cypress tree

TP

805 333.52 709 325.47

Base
Line
Ely on Mid 104

TP2 9° 341⁵⁹ 183 331⁶⁹

6450 331.6
6425 331.0
6417 4° L12 cavity bush 327.1
6400 64 330.3
100 32
5475 330.0
35
5450 329.5
4°
5447 7° L12 10" P.P. #3681 328.9
5425 46
5400 328.5
323 104 50
100
4475 323.5 100 53
100
4460 15° L12 36" Cypress tree 322.8
4450 52

333.52

14

Base
Line
Ely
Mid 104

8486 4° L12 14" P.P. #320
8479 7° L12 deadman
8475 30 338.6
8450 35 338.1
8425 46 337.0
8400 55 336.1
7475 63 335.3
7450 74 334.5
7425 75 334.1
7400 82 332.9
6475 330.8 100 93
100

341.59

Base
Live
Fly mud 104

14403.9

9410.9 int 2 Silvergate

9400

8495

8485 seit end wire fence

339.4 ✓ 339.5 ✓

203 237.6 TP
on stub

23 339.3

22 339.4

341.52

Sewer Prelim. P.L. # 104

INDEXED

W.O. # 32116
10-20-54

C.H.S.
Boyer
Pulley
Schellin
OCT 25 1954

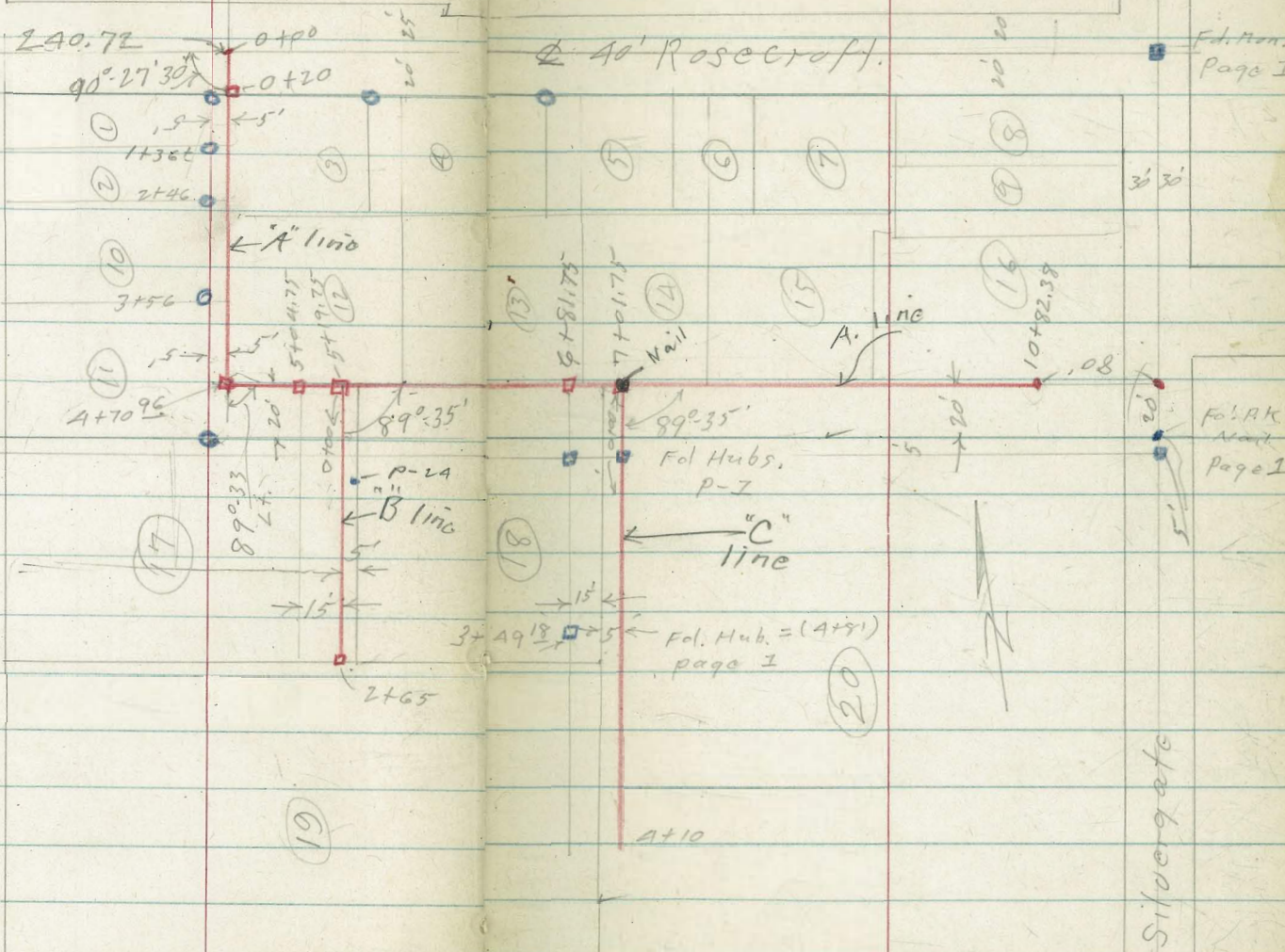
0-26 = P.K. Nail

• = Fd. pipe

Fd. spike
(page 1)

40' Rosecroft.

Fd. Man.
Page 1



240
27'30"

Fd. spike
(page 1)

Fd. AK
Man.
Page 1

Note!
Lot #3 has Sprinkler System

Catalina

AZTEC ST.

Silvergate

Levels - A line

- 0+29 2' Lt. = 2' high shrub
 0+27 4' Rt. = 6' high shrub.
 0+26 3⁵' Lt. = 4' high shrub
 0+24 8' Lt. = 3' high shrub.
 A⁵ Rt. = start N. + S. rail fence
 0+21 = cross rail fence.

- 8' Lt. = 18" diam 4' high stump.
 0+20 1' Lt. = 6" eucalyptus stump.

1² Lt. = (W)

- 0+16 } 4² Rt. = pole # JIP. 3741

(W) denotes ctr. water motor box,
outs. to poles + trees are to near
side.

0+15

0+00 = ϕ Rosecroft

T.P	7.86	313.07	5.48	305.21
B.M. 91	4.19	319.69	-	306.50

= P.K. Nail 0-26 (P-16)

ϕ Spike Catalina + Rosecroft
(page 2 this book)

306.6
6.5

305.8
7.3

306.0
7.1

313.07

A. line

£

18

Top.
wall - with chain link fence on

2+46 - 5' Lt. = start low conc. block.

321.56

TR. 9.30 321.56 0.81 312.26

312.8

1.3

2+00

{ avocado trees - 20' apart
1+81 - 5' Lt. = start row of 5'± high

309.3

3.8

1+50

1+32 8' Lt. = end fence.

1+03 - 8' Lt. = start board fence.

308.1

5.0

1+00

0+91 8' Lt. 36" stump.

0+85 4⁵ Lt. = end fence

0+81 11' Lt. = N.W. Cor. garage

0+67 6⁵ Lt. = 50" cedar

311.8

5.3

0+50

0+35 - 7' Lt. = 6' high shrub

313.07

A. lino

£

59

4+12 £ = double - 6" pepper tree

T.P. 7.26 327.38 1.44 320.12

4+03 3⁵ 4² 8⁴ pepper tree

320.0
1.6

4+00

3+56 5' RT = end wall

317.5
4.1

3+50

3+00 5' Lt. = end row of avocados

315.9
5.7

2+75

315.3
6.3

2+50

314.4
7.2

✓
321.56

"A" line

4

20

6+00

323.7
3.7

5+65-

also = start ivy patch on right
1' Lt. = Left edge D.G. drive

322.8

5+50

18' Lt. = 3" Tree

4.6

"B" line

322.7
5.0

3 5+19.75

on Hub →

5.20

322.18
327.38

5+19

3 5+04.75

on Hub →

4.87

322.51

5+00

322.6
4.8

3 4+71

9' Rt. = Row of Cypress to be saved.

A126
Hub

4+70 ⁹⁶

= Δ 89°-33' Lt.

323.3
4.1

2

4+51 - 1³' Rt. = 3" Eucalyptus

322.6
4.8

2 4+50

327.38

"A" line

±

21

8+00

328.3
4.7

7+50

327.0
6.0

7+1A 8' RT. = end row of Cypress

7+01⁷⁵ = 0+00 "C" line

325.9
7.1

7+00

325.9
7.1

2' RT = Nly. end N.+S. rail fence.

6+88 - 0⁵ Lt. = S.Ely cor D.G. drive gravel

332.97

6+81⁷⁵ 7.56 332.97 1.97 325.41

on Hub.
7+11.75

325.1
2.3

6+50

327.38

A. line

11+31 7⁶ Lt. = end fence.10+82⁴ 7³ Lt. = line of fence.

10+50

10+00

T.P. 8.26 340.73 0.50 332.479+66 - 9³ Lt. = start chain link fence

9+50

9+00

8+50

336.6
4.1335.4
5.3337.7
7.0340.73332.1
30.9330.8
32.2329.4
3.6332.97

A. 1170

£

(306.50)

13.07 306.48

orig. B.M. - Page 17

T.P. 0.61 319.55 7.94 318.94

TBM #2 4.38 326.88 5.71 322.50

1/2 £ 510475

TBM #1 2.80 328.21 7.78 325.41

1/2 £ 648175 page 21

T.P. 0.72 333.19 8.26 332.47

11762³⁸ = £ Silvergate Ave.

339.2
1.51

340.73

"B" line (page 16)

T.P. 10.93 341.03 0.55 330.10

1+00

320.5

2.2

0+75 = start climbing roses on fence.

0+53 7' Rt. = Δ in fence

0+50

325.5

5.2

0+45 = 3' Lt. = pipe + disk 152201

0+42 11' Rt. = start rail fence.

327.4

6.3

0+20 = 4' Lt. = dead man

cross rail fence.

0+16 3 Rt. = 3" pepper tree

0+14 5' Lt. = 1" pepper tree.

0+13 2' Lt. = 4" pepper tree

0+12 4' Rt. = 5" pepper tree

0+09 5 Lt. = 4" mock orange

0+00

322.4

8.3

330.65

5+19.75 page 20 =

8.15 330.65

322.50

T.B.M. #2 - Page 23

"B" line

Note Location or width of
lot #18 (as shown on Page 1 + on
Assessors map does not meet
pipes on ground.

2+65 2¹⁰ Lt = Pipe & disk # LS 221

2+65 = 1/2 p.o.t. 3.22 337.81

2+42 3⁵ Lt = end fence + Rosas

2+03 - 1⁵ Lt = N. wly Cor. garage

2+00 this is far enough for line

383.2

7.8

331.4

9.6

1+50

341.03

"C" line - sketch P-16

26

1+50

33.0
2.4

1+00

329.8
3.6

0+50

328.4
5.0

0+20 5' Rt. cotart rail fence.

0+10 10 Rt. = 30" Cypress
10 Lt. = 36" Cypress

326.9
6.5

= 0+00

325.8
7.6

7+01 25 page 21

333.41

8.00 333.41 - 325.41

T.B.M. # I - Page 23

"C" line

⊕

4+10 5' Rt. = line of 4/4 posts.
(see p-16)

338.6
3.1

4+00

338.2
3.5
341.74

T.P. 4.82 341.74 2.44 336.92

1/2 - 20' Rt. of 3+4918

3+00

336.0
3.6

2+50 { on ground - off posts.
posts - old chain link fence.
5' Rt = start row of 4/4
5' Rt = end rail fence.

334.0
5.4

2+00

331.6
7.8

1+95 - 6' Rt = 7" Tree

339.36

T.P. 9.00 339.36 3.05 330.36
332.41

INDEXED
MER
NOV 23 1954

PROFILE FOR PROPOSED SEWER SILVERGATE PLACE

W.O. 32116

1+00

0+75

0+60-55' RT. & Bldg.

0+50

0+25

0+00 = Fly Line Silvergate & Silvergate Place (See Sketch P. 1)

+11.96 343.09

B.M.

331.13

Lt. \$ Rt.

11-22-54

NOTE: (See Sketch P. 1)

Stampel
Huffman
Nordahl
Elmore

28

336.04

7.03

336.89

6.20

341.03

2.06

55°

Floor level

337.52

5.57

337.96

5.13

338.17

4.92

343.09

Top of Man Rosecraft & Silvergate (See P. 4)

€ SILVERGATE PLACE

+8.69

338.84

TP.

-12.94

330.15

2+50

330.23

12.86

2+25

331.41

11.68

2+00

332.35

10.74

1+75

333.36

9.73

1+50

334.38

8.71

1+25

335.23

7.86

343.09

343.09

lt.

€

rt.

29

11-22-54

LH. E Rt.

11-22-54

E SILVERGATE PLACE

+ 0.31 328.42

Set P.K. in

T.P. 94y Pole @ N.W. Cor. - 10.73 328.11

Past Pt. Silvergate Pl.

3+25

326.73

12.51

3+00

327.68

11.16

2+70 = P.L.

329.41

9.43

House No 3549 is lowest of four Houses
in this group of four Houses on Rt.

327.28

11.56

House No
3549
Floor Level

2+50 - 105' Rt. E Bldg on Rt.

336.08

2.76

105'

Floor level

338.84

338.84

€ SILVERGATE PLACE

4+25

321.89
6.53

4+00

322.97
5.45

3+97-35° Rt. Lower Level House No 3561

322.52
5.90
35°
floor level

3+75

324.05
4.37

3+64-

Rt. Upper Level House No 3561

324.50
3.92
30
floor level

3+50

325.19
3.23

↖ 328.42

Lt.

€

Rt

(31)

11-22-54

Lt.

Et

Et

11-22-54

Et SILVERGATE PLACE

B.M. -7.90 331.11 - 331.13 (see Pg. 28)

+0.90 339.01

TP. -0.74 338.11

+10.74 338.85

TP. -0.31 328.11

5+50 Et Propped - 22" rt. Et Bldg S/W face

5+00²⁰

4+75

4+50

316.38

12.04

22"

floor level

319.57

8.85

top 3/4" Pipe (floor)

320.30

8.12

320.83

7.59

328.42

SURVEY FOR PROPOSED SEWER OFF
CATALINA ST. - SOUTH OF ROSECROFT ST.

33

COTA
GABBER
KELLY
2-21-55
N.O.# 32116

INDEXED

JEX
FEB 25 1955

SURVEY TAKEN FROM BASE LINE
BECAUSE OF ORNAMENTAL BUSHES ON S
OF PROPOSED SEWER.

SEE PG. 1 FOR OTHER DETAIL

FD. LARGE
SPIKE
N.W. COR.
P.L. 10A

0+00 BASE LINE FD. P.K.

ROSECROFT ST.

E CATALINA BLVD.

E PROPOSED SEWER

P.L. 10A

BASE LINE

PROP. LINE

1+90⁸⁰ FD. HUB - SEE PG. 1

1+95⁸⁰ FD. HUB = 0+00 ELY
PG. 1

25° 20

40°

33



SURVEY FOR PROPOSED GSENER - CATALINA ST.
CONT'D.

31

0445 8° LT. TO ϕ OF TP # 809535H

ϕ PROP. SIGN
← - LT.

BASE LINE SEE SKETCH PG. 30

RT.

0435 7' LT. TO CLUMP OF 6 3" TREES

0433 25' LT. ϕ 2" TREE

0430 8° LT. TO ϕ OF TWO 3" TREES

← 20° →

0427 9° LT. TO ϕ 3" TREE

0422 9° LT. ϕ OF 2 3" TREES

0417 EDGE OF ROAD (ROSECROFT)

305.9
20

0400 ϕ ROSECROFT

305.4 305.5 305.5
25 20 15

NOTE! - SURVEY TAKEN FROM BASE LINE

B.M. 306.50 - SPIKE N.W. COR. Pk. 10A SEE Pg. 2 -- USED DIRECT ELEV. ROD.

φ PROPOSED SEWER

BASE LINES, SEE SKETCH PG. 33

1461 φ PROPOSED SEWER CROSSES A.C. DRIVE
SEE SKETCH NEXT PAGE311.42
20
15.1447 φ OF PROPOSED SEWER CROSSES A.C. DRIVE
SEE SKETCH NEXT PAGE311.32
20
15.

1437

311.4 311.4 311.4
25 20 15
GRD.1436 { 15³ LT. TO EDGE 15 HIGH CONC BRICK WALL
{ WALL RUNS PERPENDICULAR TO SEWER LINE309.2
20
FOOT1436 6⁰ LT TO φ 24" CYPRESS309.8
20
GRD1407 5⁵ LT TO φ 14" CYPRESS

1400

308.4 308.6 308.7
25 20 150495, 6⁰ LT φ 24" CYPRESS TREE0451 41³ LT. N.W. COR NEW HOUSE307.50 307.1 307.1 307.6
10.3 25 20 15
FLOOR
HSE.

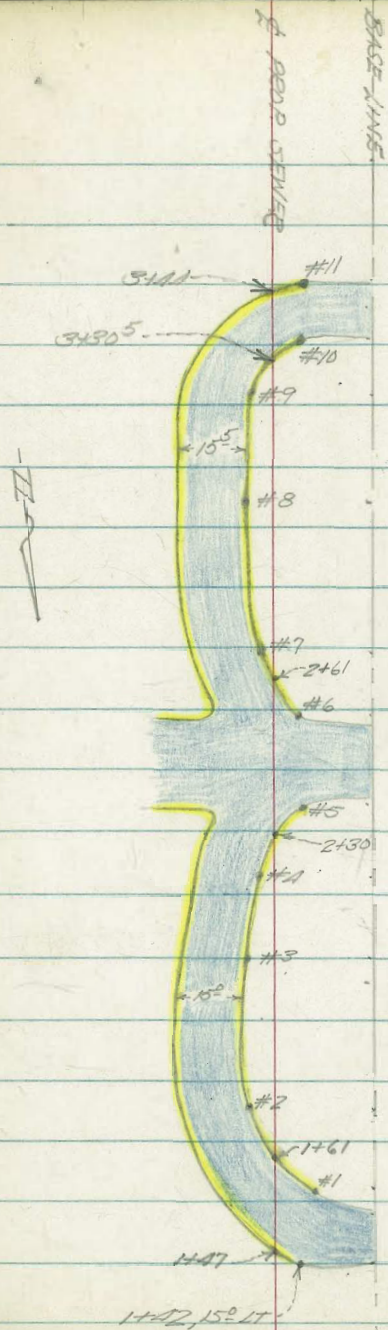
DRIVEWAY

PTS. ON CURB, OUTF TAKEN FROM BASE LINE

- #1 BEGIN CR. 1459, 142° LT.
 #2 1474, 252° LT.
 #3 2105, 262° LT.
 #4 2122, 235° LT.
 #5 2137, 142° LT.
 #6 2156, 118° LT.
 #7 2169, 223° LT.
 #8 3100, 261° LT.
 #9 3122, 252° LT.
 #10 3134, 147° LT.
 #11 3146, 148° LT.

CURB SHOWN IN YELLOW IS 0³ NIDE, 0² HIGH

A.C. PAVING IN BLUE



PROP. SEWER

SPACE LINE

2431 68 LT. TO ϕ T.P. # P4352430 ϕ PROP. SEWER CROSSES AC. DRIVE313.21 313.25 313.5
25 20 15
AC.2402 55 LT. TO ϕ 3" ORN. BUSH

2400

312.2 311.8 312.0 312.6
26 25 20 15
ON AC.
EDGE1499 192 LT. TO ϕ 3" DIAM. ORN. PINE1496 { 132 LT. TO ϕ 3" DIAM. ORN. BUSH
52 LT. TO RT. ON HOUSE312.8
52
FLOOR1491 55 LT. TO ϕ 4" ORNEMENTAL BUSH1484 195 LT. TO ϕ 7" PINE - ORNEMENTAL1459 62 LT. TO ϕ 24" CYPRESS

3421⁵ { 62 FT. TO ϕ T.P. # D 17396T
 14² FT. TO ϕ 2" ORN. PINE

3407 5² FT. TO ϕ 24" DIAM. CYPRESS

3400

316.5 316.7 316.9
 25 20 15

2490 55² FT. TO N.W. COR. HSE

318.9
 55
 FLOOR

2487 15² FT. TO ϕ 2" ORN. TREE

2471 55² FT. TO ϕ 16" CYPRESS

314.7 315.1 315.3
 23.5 20 15
 EDGE
 H.C.

2463 1² FT. ϕ 24" CYPRESS

2461 { ϕ PROP. DRAIN CROSSES A.C. DRIVE
 5² FT. ϕ 2" ORN. TREE

314.61
 20
 AC.

3474 55 LT. TO ϕ 12" CYPRIUS3471 45 LT. TO ϕ 12" CYPRIUS3466 48 LT. TO ϕ 24" CYPRIUS3462 98 LT. TO ϕ 24" CYPRIUS3456 14⁸ LT. TO END OF 1st HIGH WIRE FENCE
ON CONC. BEICK BASE FENCE RUNS PERPENDICULAR
TO CURB3450 50 LT. TO ϕ 30" CYPRIUS3444 ϕ OF PROP. DRAIN CROSSES AC.34305 ϕ PROP. DRAIN CROSSES AC.
SEE SKETCH PG 36

PROP. SEWER

BASE LINE

39

320.2 320.1 320.1
25 20 15318.7 318.1 319.0 319.4
25 20 20 15
FOOT 600318.52
20318.14
20
A.C.

PERPENDICULAR

BASE LINE

1491 { 5² FT. TO ϕ 14" CYPRESS
62 FT. TO END OF 40' HIGH WIRE FENCE
FENCE RUNS PERPENDICULAR TO LINE

1478 18 FT. TO ϕ 30" CYPRESS

1466 5² FT. TO ϕ 14" CYPRESS

1450 4⁶ FT. TO ϕ 30" CYPRESS

3211 321A 321C
25 20 15

1425 5⁵ FT. TO ϕ 30" CYPRESS

1418 5⁰ FT. TO ϕ 12" CYPRESS

1414 1² FT. TO ϕ 14" CYPRESS

1400

321.8 322.0 322.2
25 20 15

3197 5⁰ FT. TO ϕ 24" CYPRESS

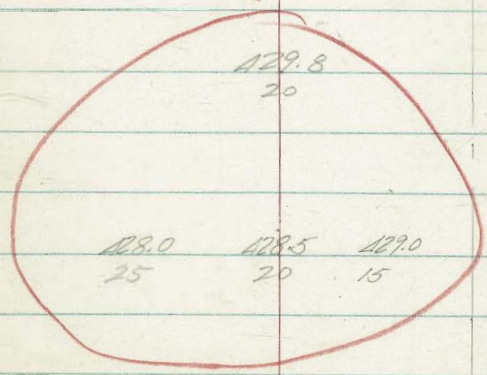
B.M. CHECK: 328.59 = 328.61, HUB AT 119580 SEE PAGE 10

5730

119580 ED. HUB = 0100 ELY, ON SKETCH PG. 1
= END OF OUR BASE LINE

1193 62 FT. TO # T.P. # 309536 H

Standard least squares method



Clark
Shepherd
Printer
Ornel.

6-30-55

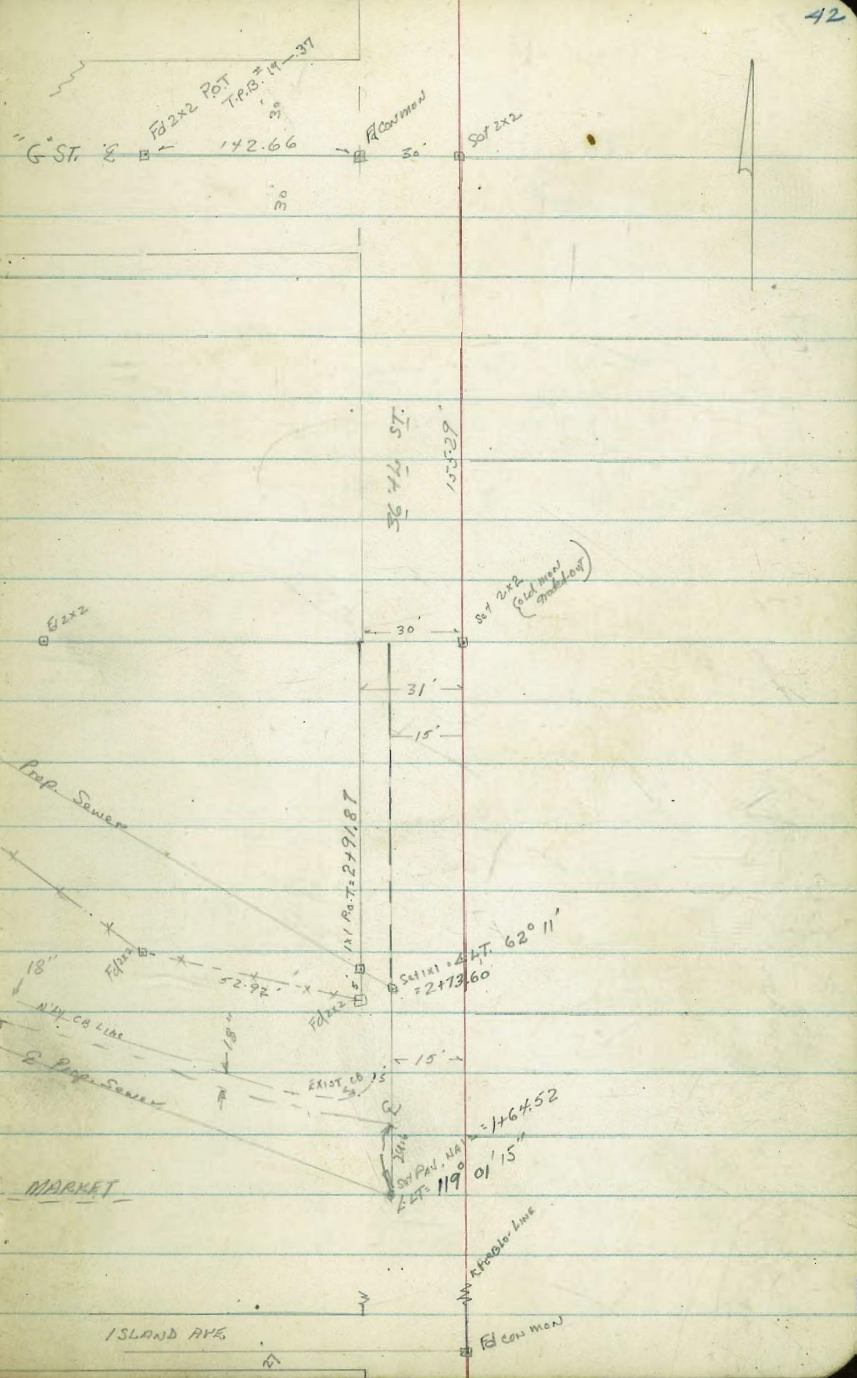
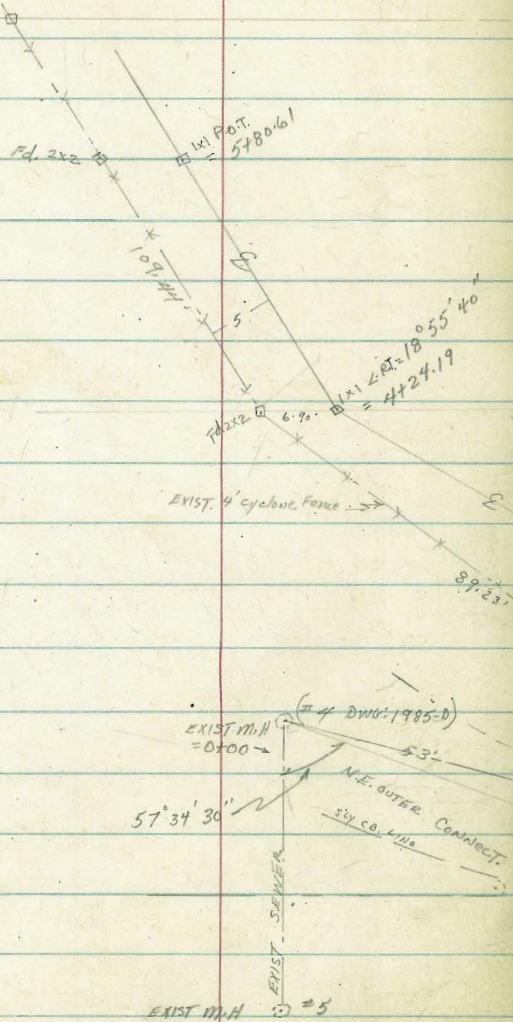
W.D. 62430

PROP. SEWER, 36 + MARKET - LOTS I, through
8 - NELL'S PARK -

Ref: T.P.B. #19

DWG: 7246-AL
" 1985-D

INDEXED
JUL 6 1955



Prop Sew - Lots 1-8 - Falls Park
MARKET 43646

LT. £ RT. 43

1464.52 2' LT 119° 0' 15"

1750

1705 4.5 RT = CB, B.C. = 54y ca. NELY outer Connect (marked)
2.5 RT LIP

1700

0462 12.2 RT Prop ^{54y} CB (TYPE G) NELY out-Connect
_{20 GUTS}

0450

0445 (From this pt. on line falls away from CB.)
40' LT CB E. (nearest pt.); 2.0 LT to Lip RT.
_{to CB}

0423cb 5.5 LT = w/ly END CB NELY outer connect. (TYPE "G" CB)
_{2.0 GUTS}

0400 = EXIST MH[#] A

B.M. 4.90 113.90

109.00 = N.W. B. P. MARKET 43646
F.B.# 2258-59

112.11
1.29
5
113.33
2.57
5
108.31
5.59
5
107.81
6.09
5
112.05
1.85
5
113.41
2.49
5
108.59
5.31
5
108.15
5.25
5
111.90
2.00
5
111.47
2.48
5
108.76
5.14
5
108.81
5.09
5
109.46
4.44
5
108.38
4.5
5
108.50
4.5
5
109.13
4.77
5
3.4
5
5.4
5
6VT
6VT
CB

104.44
103.84
104.01
104.19
104.54
9.46
10.06
7.89
9.71
7.36
4.2
4.2
2.2
5
CB
C
GUT

102.53
101.90
102.05
102.35
103.79
11.37
12.00
11.85
11.55
11.11
5
5
5
5
5
100.70
100.86
95.39
101.30
13.20
13.44
18.31
12.60
6.3
6.1m
F. line
5
AC GUT
(A.C. Pav.)

113.90

PROP. SEWER (CONT.)

LT.

±

RT.

44

2+73.60 = 2 LT (62° 11')

120.0
3.2
5

119.4
3.0

119.0
4.2
10

2+69.6

3.3 LT = NWLY CORN BOX

116.80
6.39
3.9
FINE
BOX
116.16
6.6
TO BANK

116.1
7.1

116.4
6.8
10

2+65.6

3.9 LT = SE1/4 COR. STD 4x4 GUC. BOX FOR 18" DOWN-DRAIN PIPE (STEEL-CORRO) [DRAIN'S FROM BROW-DITCH]

119.76
3.43
3.7
TP
BOX

2+50

T.P.

11.44 123.19 2.15 111.75

123.19

2+26

5.4 LT = CB END, NWLY ROT (NWLY OUTER-CONNECT & 36" TH ST) 3.4 LT = Lip 2.0 90TT

112.68
1.22
1.30
5.4
CB
= BK
EDGE
WALL
112.58
1.32
5.4
CB
111.95
1.95
3.4
6
112.07
1.83
3.4
6
112.1

112.1
1.8

112.9
1.0
5

113.1
0.8
10

110.17
3.73
10

110.69
3.21

111.22
2.68
10

2+06 = edge A.C. PAV.

110.12
3.78
10

110.68
3.22

111.23
2.67
10

2+00

1+8#

= BK. PAV.

111.08
2.82
10

111.46
2.44

111.84
2.06
10

1+64.52 = 6 LT (OUTS 90° FOR TANG)

111.64
2.26
10

112.05
1.85

112.45
1.45
10

113.90

Prop. SEM. (Con T.)

3460 = BHK (cuts extended on RT. to show natural grad)

3439 14.7' LT = L. Fence (See Sketch)

T.P. 11.10 156.92 0.94 145.82

3425 = BHK

3400

2491 } 5.9 LT Bq. 4' cyclone Fence
 = BROW CUT-BANK (cuts along BROW-LINE)
 Approx. // to 36' + 6)

T.P. 11.33 146.76 0.26 135.43

T.P. 12.76 135.69 0.26 122.93

2481 = Toe CUT-BANK (cuts along toe)
 Approx. // to 36' + 2

2473.60 = L. LT (cuts 90° Fur. fence)

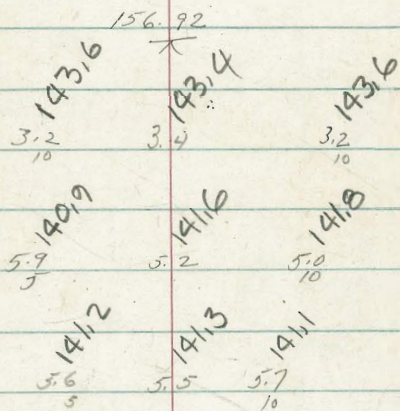
LT
 $\begin{array}{r} 149.7 \\ 7.2 \\ \hline 10 \end{array}$

S
 $\begin{array}{r} 149.9 \\ 7.0 \\ \hline 10 \end{array}$

RT
 $\begin{array}{r} 149.6 \\ 7.3 \\ \hline 10 \end{array}$

$\begin{array}{r} 148.4 \\ 8.5 \\ \hline 10 \end{array}$

$\begin{array}{r} 147.8 \\ 7.1 \\ \hline 10 \end{array}$



$\begin{array}{r} 146.76 \\ \hline \end{array}$

$\begin{array}{r} 19.9 \\ 3.3 \\ \hline 10 \end{array}$

$\begin{array}{r} 120.2 \\ 3.0 \\ \hline 10 \end{array}$

$\begin{array}{r} 121.2 \\ 2.0 \\ \hline 10 \end{array}$

$\begin{array}{r} 123.19 \\ \hline \end{array}$

6+10 = Brk { 5.9 LT to Fence here
(in "G" ST)

578.0 = Brk

575.0

572.5 = Brk

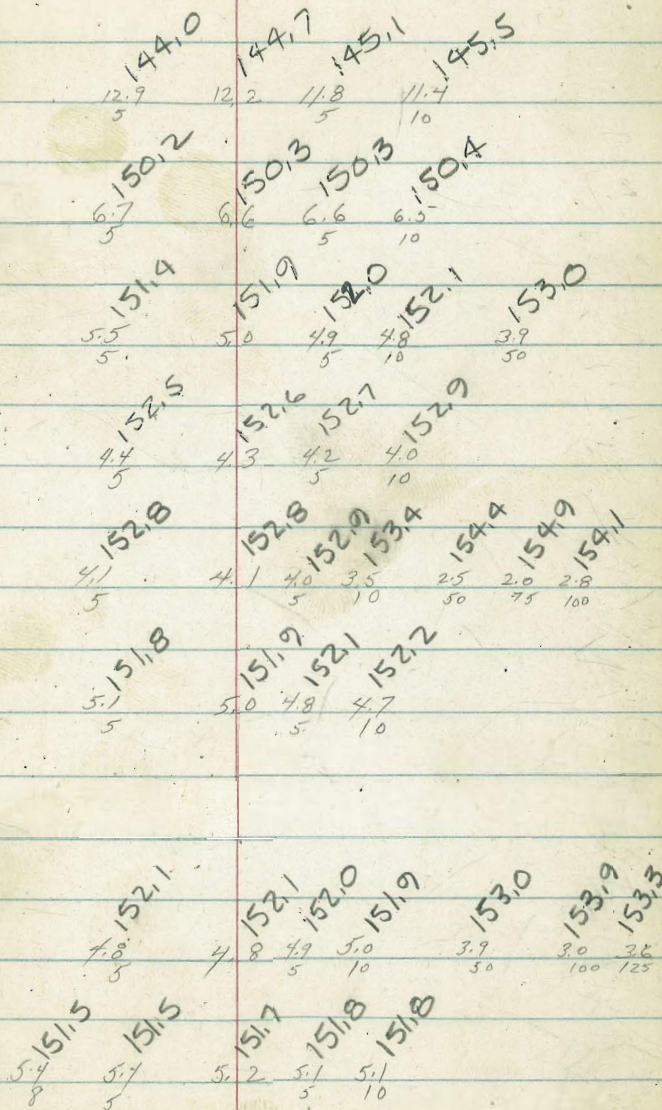
570.0

475.0

472.7 5.7 LT = L Fence

4724.19 = L RT. 18° 55' 40"

470.0



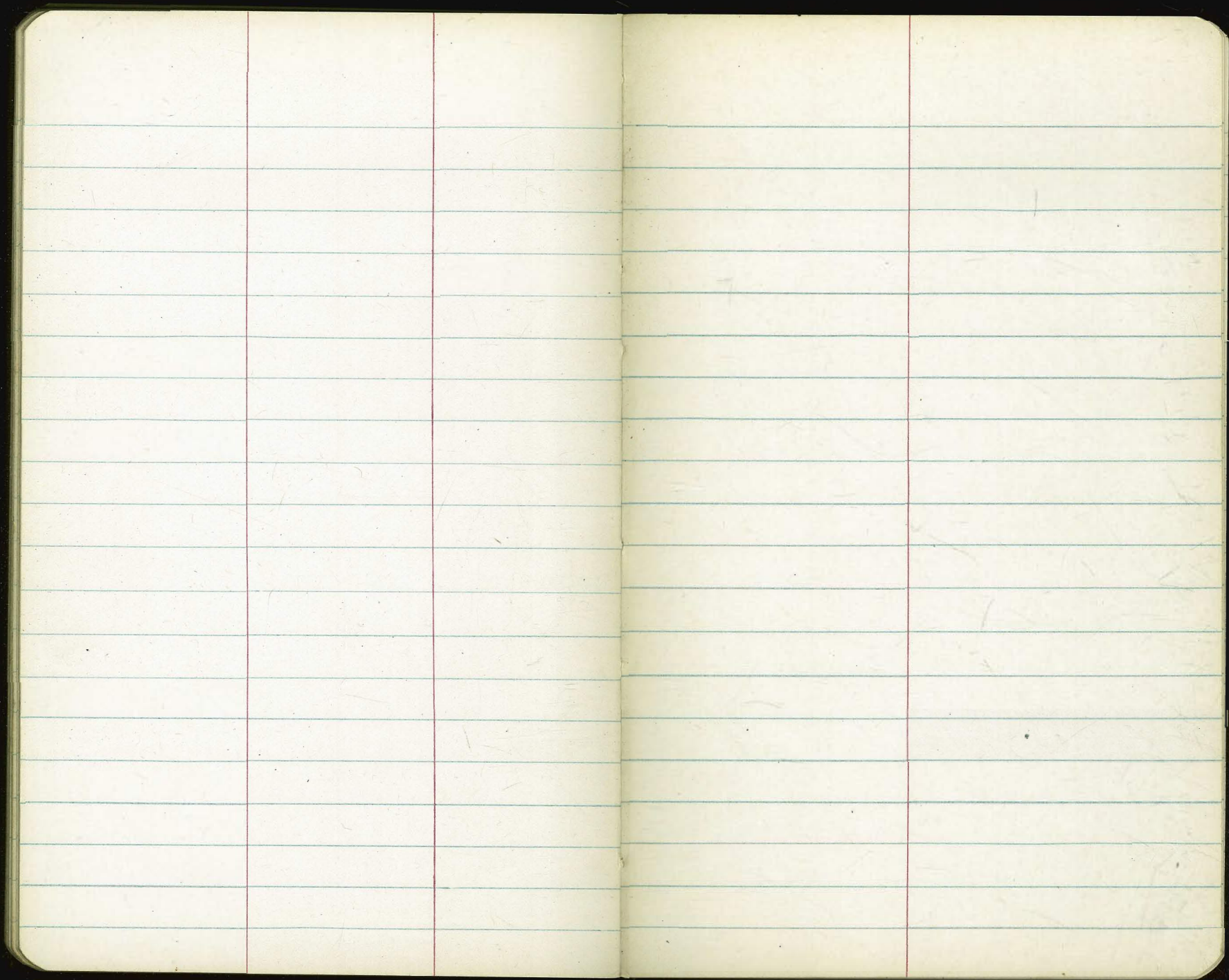
Prop. Sew. (cont.)

CHK: 13.30 109.00 = 109.00 = STG B.M

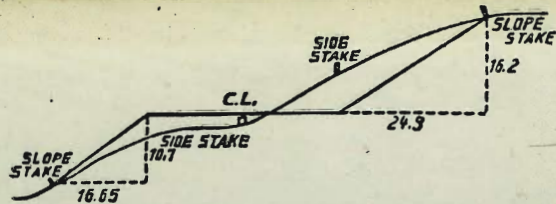
T.P. 0.03 122.30 13.26 122.27

T.P. 0.11 135.53 12.69 135.42

T.P. 1.04 148.11 9.85 147.07 = Cont man of 6" ST
d w. Line 36" H



165
334
132



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

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

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