

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

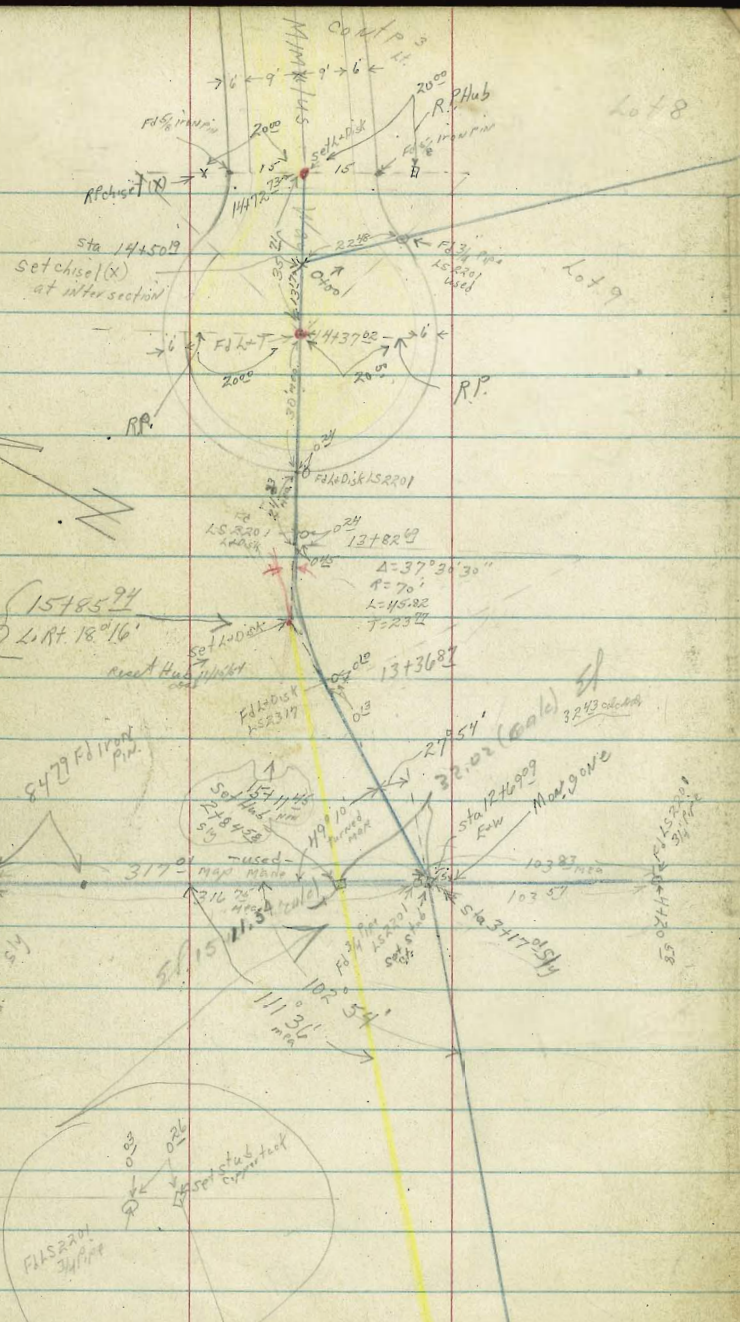
Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.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	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.266	.353	.440	.528	.617	.707	.797	.887	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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Preliminary Survey Sewer, L.J. Country Club Hts

Nos. 1 & 2, L.J. Country Club Estates. 1

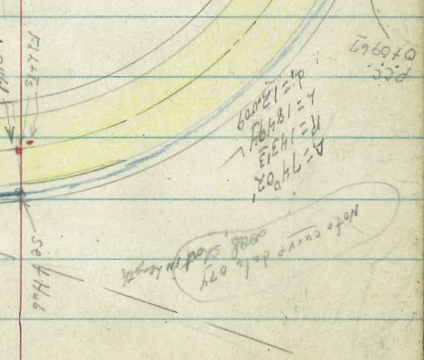
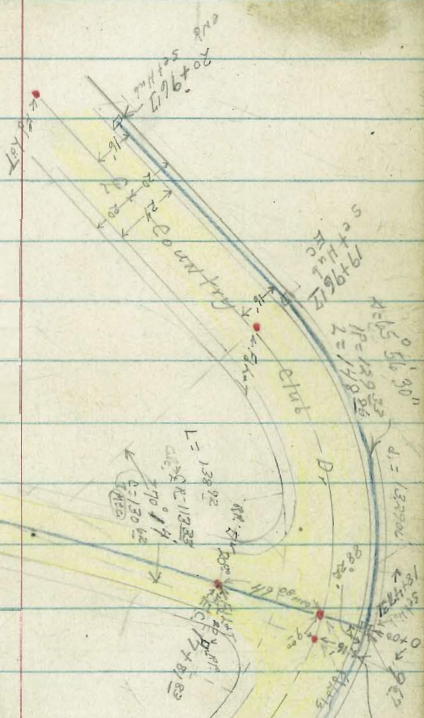
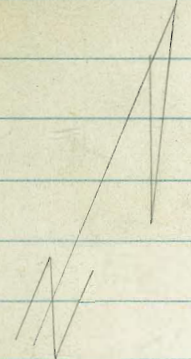
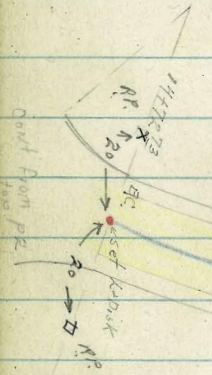
21/11/11 = 5



$\Delta = 18^{\circ} 02'$
 $R.M. = 500$
 $X = 157.208$
 $T = 79.19$
 $d = 314.377$
 $R = 156.42$

$\Delta = 110^{\circ}$
 $R.M. = 700$
 $X = 152.005$
 $T = 76.35$
 $d = R \cdot 2.9368$
 $C = 151.22$

$\Delta = 35^{\circ} 00'$
 $R = 584$
 $L = 234.51$
 $d = 4.4762$



Note curve det. by
 201
 $R = 120.22$
 $L = 120.49$
 $d = 120.49$

Cont. from
 201

Outfall

Reduced by
Support 5/18/54

Lt-Ely

Base
Line

At = Why

Lt-Ely

Base
Line

At = Why

5

2100

344.4
42
10

343.00
63
10

341.4
72
10

5100

360.8
02
10

359.6
21
10

358.2
35
10

1750

342.5
68
10

341.6
72
10

339.8
95
10

4750

358.2
35
10

356.6
51
10

355.4
63
10

1700

340.1
92
10

339.00
103
10

337.3
120
10

3770

357.2
45
10

355.6
61
10

354.3
72
10

0485⁰⁵ P.O.T.

339.8
95
10

338.79
1054
406

337.3
120
10

3735

354.5
72
10

353.1
84
10

351.6
101
10

TP

12²⁰ 349³³

062

337¹³

TP₂

12⁰¹

361⁷⁰

084

349⁰⁹

0740

335.8
20
10

334.8
30
10

334.0
38
10

3700

351.1
105
10

349.8
119
10

348.2
135
10

0700

325.6
122
10

317.00
2075
10

325.92
1183
10

325.00
128
10

324.5
133
10

2750

12⁰¹

361⁷⁰

084

349⁰⁹

347.1
22
10

345.7
36
10

344.4
42
10

BN

2075 337⁷⁵

317⁰⁰

ie MH#3
0700

X 349³³

Dist	Lt-Ely	Base Line	At-Wly
7478	15° RT & water drinking fountain		
7472	30° RT & 14" Eucalyptus tree	362.2 102 50	368.48 42 10
7470	POT	388 44	32 10
7464	17° RT & 16" Eucalyptus tree 6° RT & 20" Eucalyptus tree	369.9 25 10	366.8 36 10
7440			367.4 112 50
7400		368.7 32 10	367.2 52 10
6750		368.8 56 10	365.5 62 10
6700		365.1 73 10	363.6 88 10
TP3	1162	37236	096 36074
5750		361.90 102 10	361.30 04 14
		π. 36170	

Lt-Ely	Base Line	At-Wly	6
570	35325	1257	34825
TP5		350.0	
9130	95 10	108 10	112 10
9100	40 10	55 10	70 10
8180	20 10	29 10	40 10
TP4	069	36082	1223 36013
8160 POT	82 10	823 44	93 10
8135 end Mens' tree	40 10	40 25	45 25
8100 & Mens' tree	41 10	42 25	44 25
7183	34° RT & 24" Eucalyptus tree	π 37236	

D.F.

Lt-NEly

Base

Rt-Swly

344.3

339.8

11+30

92

142

172

10

10

343.6

11+00

95

104

144

10

10

343.58

10+69⁸² L.Lt 26°21' exsplit

82

102

132

10

Hnd

10

346.6

344.9

10+35

59

74

94

10

10

347.1

10+00

42

62

92

10

10

346.7

9+60

52

73

108

212

10

10

50

345.64

9+51⁸⁵ L.Lt 68°35' exsplit

52

83

102

212

10

10

50

353.95

Lt-NEly

Base

Rt-Swly

7

4/11/1

350.6

13+00

82

92

102

92

92

10

3

3

10

TP

1310

361

49

556

348.39

14
15, 16, 17
2201

12+70 construct drainage ditch 6' wide & is approx 8' deep

344.88

12+69⁸⁹ L.Lt 27°54' exsplit

52

602

52

10

Stub

10

12+49 4" x 4" water sate valve

12+38

68

85

82

10

10

342.6

12+38

72

112

112

82

10

5

10

340.6

12+00

102

134

144

10

10

339.0

11+70

132

142

152

10

10

353.95

Mimulus

Lt. NELY

Base
LINE

RT = SW 1/4

14456¹² INT

367.36

578

366.53

14437⁰² E LIT

6²⁹₁₀ 6⁶¹₁₀ 6³⁰₁₀

364.91

14413 turn around
Begin road paved st.

8³³

363.6

14407⁰²

7²⁸₁₀ 9⁵₃ 8²₃ 7⁸₁₀ 365¹₁₀

TP₇

127 x 373.14

0⁵² 360²⁷

13482⁶⁹ EC

360.5
70⁴₁₀ 0³₃ 1⁰₃ 0⁰₁₀ +14

13460

357.1
2⁰₁₀ 2²₃ 4⁴₃ 3⁵₃ 3¹₁₀

13436⁸⁷ BC RT.

354.6
5⁰₁₀ 5⁴₃ 6²₃ 5²₁₀ 6²₁₀

π 361⁴⁹

Lt. NELY

Base
LINE

RT = SW 1/4

8

16429⁸¹ P.R.C.

0⁰⁰

9⁰⁰

c = 29⁸¹

16400 7° 17.516'

TP₉

12⁸⁸

π 398⁸¹

15176 5° 51.574'

15150 4° 26.631'

15125 2° 59.689'

15100 1° 33.746'

TP₉

14472²² BC, LT.

Mimulus
way 390.12

863

9

386.14

12⁴⁴

12⁶⁷

12³⁹

382.63

3¹³

3⁴⁷

3³³

379.32

6⁵⁰

6⁸⁰

6⁴⁷

376.31

9⁵³

9²¹

9⁶⁴

373.04

12⁶⁴

12⁰⁸

12⁶⁸

369.39

3⁶¹

3⁸²

3⁴⁶

π 373.14

Δ = 18° 00'
RA = 500'
L = 157.08
T = 79.19
d = 3.4377

Mimulus
CL Drive No.

Base
Line

Mimulus
Way 419.92

18400

8⁵⁷/₁₀ 9⁵³/₁₀ 9³⁸/₁₀

412.46

17481⁸³ EC, 5°35'

11⁸³/₉ 11⁹⁹/₉ 11⁷³/₉

c=31⁸³

1271 x 424⁴⁰ 0⁰² 41174

TP₁₁

17450 4°24.861

3⁸⁸/₉ 3⁹⁸/₉ 3⁷³/₉

17425 3°29.769'

7⁴²/₉ 7⁶⁷/₉ 7⁴⁰/₉

17400 2°34.678

11⁰⁶/₉ 11²⁸/₉ 10⁸⁶/₉

TP₁₀

1301 x 41176

0⁰⁶ 39825

16475 1°39.677

12⁹/₉ 12¹²/₉ 12⁸⁹/₉

c=25⁰⁰

16450 0°44.493

5⁵¹/₉ 5⁷⁸/₉ 5⁴¹/₉

c=20¹²

π 37881

LT-NWly

Base
Line

11-SEly

9

18487⁵ con block wall crosses line

419.9 421.41 418.95
5⁴ 3⁰⁴ 5⁵⁰
9d top wall footing

18475 6°07.352'

419.08 418.95

5³⁷/₄ 5⁵/₄ 5⁴/₄

c=27⁶⁴

18464⁵ con block wall crosses line

418.75 421.55 418.15
5² 2²⁰ 6³
9d top wall footing

18463 1⁵ L & water meter

418.75

5²⁰/_{9d} top valve

18447³¹ L int curve

418.84

5⁶¹/_{9d}

18442⁸ pav edge

418.66

5²/₁₀ 5⁷⁹/₁₀ 5⁸⁸/₁₀

18421

7¹⁵/₁₀ 7⁰⁷/₁₀ 7⁰²/₁₀

π 424⁴⁵

CC Drive No

Lt = SWly

Base Line

RT = NEly

TP₁₂

10¹⁶

434⁵³

0⁰⁸ 424³⁷

19425 11°39.6'17"

3⁴⁴ 2²⁸ 1² 1¹

C-2496

4⁴
out 66

4

420.12

433

to valve

19419 1⁸ Lt E water Meter

420.69

421.26

19417 5 4⁰ Lt begin ch on st 3⁷⁶ 3¹⁹

4⁴
out 66

19413 5 1⁵ Lt E 444 Post Mail Post

420.94

19408 E line crosses Nly edge cond drive

3⁵¹

19400 on drive

417.94

420.62

421.45

4⁵¹

3⁵³

3⁰⁰

4⁴
out edge

out drive

4⁴
drive

420.18

18489 line crosses sly edge cond drive

422

424⁴⁵

Lt = SWly

Base Line

RT = NEly

10

20496 ¹⁷ Hub end

412

432

436.64

378

4

4

Hub

4

20475

6²⁷

6³⁵

5⁸

5⁰

4

4

4

4

Country Old Dr.
to road
Ely
5⁴
out 70

TP₁₃

6²⁵

440⁴²

0²⁶ 433⁵⁷

430.88

431.45

431.7

20450

3⁶⁵

3⁰⁸

2⁸

2¹

4

4

4

4

out 66

428.19

428.82

429.2

20425

6³⁴

5²¹

5³

4⁵

4

4

4

4

out 66

425.73

426.27

426.54

428.4

19496 ¹² EC, 32° 58.25' 8⁰⁰ 8⁰⁰ 7²⁹ 6¹

C-2114

4

4

Hub

4

out 66

424.27

424.73

425.6

19475 28° 17.412

10²⁶

9⁸⁰

8⁹

6⁹

4

4

4

4

out 66

422.31

423.03

423.6

19450 22° 54.147

10²²

11⁵⁰

10⁹

10²

4

4

4

4

out 66

Δ = 65° 56' 30"
P = 129.33
L = 148.86
d_r = 13.2906

434⁵³

Wly line

Lt=Ely

Base Line
Wly Line La Jolla Country
Club Hts #2

Rt=Wly

H=Ely

East
Line

Rt=Wly

11

2184⁵⁸
prop INT outfall line

358² 357⁶
24 NW
24 E

58.1

1+25

^{6.2}
10⁶ 10⁶ 10⁶ 10⁵

2+75 104 9¹ 82 7⁹

358¹ 358³
24 24

1+00

^{12.8}
32 40 40 4²

^{65.5}
2+50 37 17 14 10

TP₃

0.47 416.79 π 12⁶⁰ 416.32

TP₇ 0.34 367.17 π 12.73 366.83

0+75

^{19.1}
9³ 9⁸ 10² 10⁶

^{11.2}
2+25 10¹ 84 8¹ 7³

0+50

^{23.5}
5² 6⁴ 6⁵ 7⁰

TP₆ 0.55 379.56 π 12.85 379.01

0+25

^{26.3}
2³ 2⁶ 2² 4⁰

^{80.8}
2+00 120 11¹ 11⁸ 10⁷

0+00 cont from NWly Cor
La Jolla Country Club Hts #2

^{28.3}
40³ 0⁶ 10 19⁷
13 3 7

^{90.2}
1+75 2⁵ 1⁷ 1⁶ 1¹

400' omitted

TP₅ 0.50 391.86 π 12⁹⁰ 391.36

TP₂

1⁰¹ 428.92 π -12.26 427.91 ^{mon. 0700}

^{90.2}
1+50 5⁹ 6¹ 5⁶ 5⁶

TP₁

2.02 440.17 π -7.25 438.15 ^{cont from}

BM TP₃
1970

11⁸³ 445.40 π 433⁵⁷

^{300' om}
TP₄ 0.45 404.26 π 12.98 403.81

W/ly line	Lt = N/ly	Rt 5.0ly		
8+75	30	68	98	394 ⁸
		92.5	89.5	
8+55	37	71	113	
		92.2	88.0	
8+50	36	66	94	394 ³
		89.9	92.30	
	10	10	10	
8+45	39	60	59	393 ²
		93.3	93.4	
8+34	18	0	5	395 ⁸⁷
		98.51 ^K	94.0	
8+25	05	41	77	392 ⁵
		95.1	91.4	
7+75	21	43	79	393 ⁵
		94.2	90.6	
7+50	25	51	87	393 ⁸
		92.2	89.7	
TP13	8.98	399.33	9.81	390.35
7+25	60	80	105	391 ²
	10	0	10	
7+18	400	16		391 ⁶

Lt	Base Line	Rt		
11+25	12	2937	50	4031 ²
		05.3		
11+00	24	3446	64	402 ¹
		04.8		
10+85	17	3944	62	402 ⁰
		04.3		
10+35	21	4147	62	402 ⁰
		04.7		
	13	3	7	400 ^{amm}
				Base Line Note
TP14	10.85	408.18	2.00	397.33
10+00	10	12	15	396 ¹
		98.1	97.8	
	13	3	7	
9+79	74	538	82	393 ²
		94.95	91.1	
9+76	10	0	10	394 ⁸
		94.2	91.1	
9+50	30	51	82	394 ²
		93.5	89.0	
9+25	34	58	95	394 ⁶
		93.8	89.6	
9+00	34	65	97	394 ⁰
	10	0	10	
				Base Line Note
	399.33			300 ^{amm}

(See Pg. 35)
for new profile from this point

Wly line

12+03 3⁰ Lt ^{Bird} Bath 5⁰ Rt ^{15x20} Hot Bed12+01 4 8⁰ ornamental shrub12+00 3² 5⁰ 5⁴ 6³11+97 4⁰ Lt & Bougainvillea11+89 15⁰ Lt & 8' acacia tree11+82 4⁰ Rt & 8' acacia tree11+75 0² 2⁵ 3¹ 4⁵11+72 14⁵ Rt & ^{Water} Vault 7.45

11+65 Begin flower garden

11+53 2⁰ Rt Base Line 7' Juniper tree11+50 0² 1⁹ 2⁴ 3³408.18 π Lt 07.9 Base Rt
09.14 07.6 Line 402.2492.65 101 119
Patio 14.08 0 7
Floor Begin lath12+89 0.8 Lt house + fence 7⁰ Rt & shrubTP16 9.45 414.06 π 3.00 404.6112+84 7⁰ Lt ^{9⁰} Jacaranda tree12+74 2⁰ Lt & ^{6⁰} Lucust sapling12+65 1⁴ 3³ 4¹ 5⁴12+56 7⁰ Lt & 5⁰ Fig tree12+45 7⁰ Rt & 5⁰ Fig tree12+40 2¹ 3⁶ 4¹ 5⁹12+36 1⁰ Lt 5⁰ Ghinko saplingTP15 3.65 407.61 π 4.22 403.9612+23 10 Rt 10 ^{acacia} tree 5 Lt ornamental shrub408.18 π 400' diam.

Wly line

	Lt	Base	RT
14+00	6 ⁰ 13	9 ⁰ 3	10 ⁵ 7
TP ₁₈	11.80	428.97	1.04
13+97	2 ⁰ Rt	8 ⁰ shrub	4 ⁰ Lt
13+90	4 ⁵ Lt	4 ⁰ Cypress shrub	
13+81	4 ⁰ Rt	5 ⁰ cypress shrub	1 ⁰ Rt
13+75	0 ⁷ 13	2 ⁹ 3	3 ⁷ 7
13+71	4 ⁰ Rt	6 ⁰ Cypress shrub	6 ⁰ Lt
13+67	0 ⁸ Rt	15 ³	4 ⁴
TP ₁₇	13.35	418.21	9.20
13+52	10 ³ 13	10 ² 7	2 ⁶ 7
13+25	18 ² 13	28 ⁵ 10 ³	4 ⁴ 3
13+10	2 ⁶ 13	4.16 11	5.95 30

417.9
413.7
411.6
409.6
405.2
404.2
400.0mm
414.06

15

	Lt	Base	RT
14+44	6 ⁰ Lt		shrub
14+35	5 ⁰ Rt	12 ⁰	Acacia shrub
14+32	4 ⁰ Lt		cypress shrub
14+28	5 ⁰ Lt		shrub
14+25	2 ⁹ 13	4 ⁶ 3	5 ² 7
14+23	4 ⁰ Lt		Cypress shrub
14+19	5 ⁰ Lt		shrub
14+10	5 ⁰ Lt		5 ⁰ cypress shrub
14+08	2 ⁰ Rt	12 ⁰	Acacia
14+02	5 ⁰ Lt		shrub

422.5
2A.A
428.97

Wly line	Lt	Base Line	RT	Lt	Base Line	RT
15+18 5° Lt & shrub				16+35 19 13	47.3 47 3	445.3 67 7
15+15 6° Lt & shrub				16+34 2° Lt & tree 16+25 0° row End row shrubs	40 46.8	
TP20	12.15	452.04	0.66 439.89	16+00 4° 5° 5° 5° 13 11 3	46.8 46.5 42.0	443.8 8° 442.3 7 439.4 7
15+03 1° Lt & shrub				15+80 4° 5° 5° 5° 13 11 3	46.5 42.0	442.3 9° 439.4 7
15+00 13° Lt Begin Garden	+17 13	07 3	2° 7° 7	15+50 5° 5° 9° 10° 13 11 3	42.0	439.4 12° 7
14+90 0° Rt & shrub				15+45 4° Lt & shrub		Begin row shrub 13° Lt
14+68	5° 3 13	8° 3 3	9° 5 10° 6 7	15+37 1° Lt & tree	42.3	436.2 22° Rt & 4" Euc tree
14+67 5° Lt & shrub				15+25 9° 9° 11° 15° 13 3 7		
TP19	12.94	440.55	1.36 427.61	15+24 4° Lt & shrub		
14+50	+14 13	0° 3 0° 8 3	2° 4 7	15+22 11° Lt & Large shrub		22° Rt & 4" Euc tree 400' diam.
	428.97		400' diam.		452.04	400' diam.

w/ly line
 TP22 12.48 470.16 π 1.12 457.68

51.62

17+74⁶⁴ Hub 47 718 94
 10 Hub 10

17+54 2' Lt & shrub

51.4

17+50 52 74 97
 10 10

17+26 5' Lt End
 Row shrubs

50.5 49.0

17+25 66 75 90 116
 10 5 10

17+09 10ft Euc
 132 Rt sapling

TP21^{prop corn} 12.86 458.80 6.10 445.94

17+00 10' Lt Begn
 Row shrubs 06 33 59
 10 0 10

16+77 L Lt Hub on split 20 37 499 67
 13 3 7
 Base Line

4 52.04 π

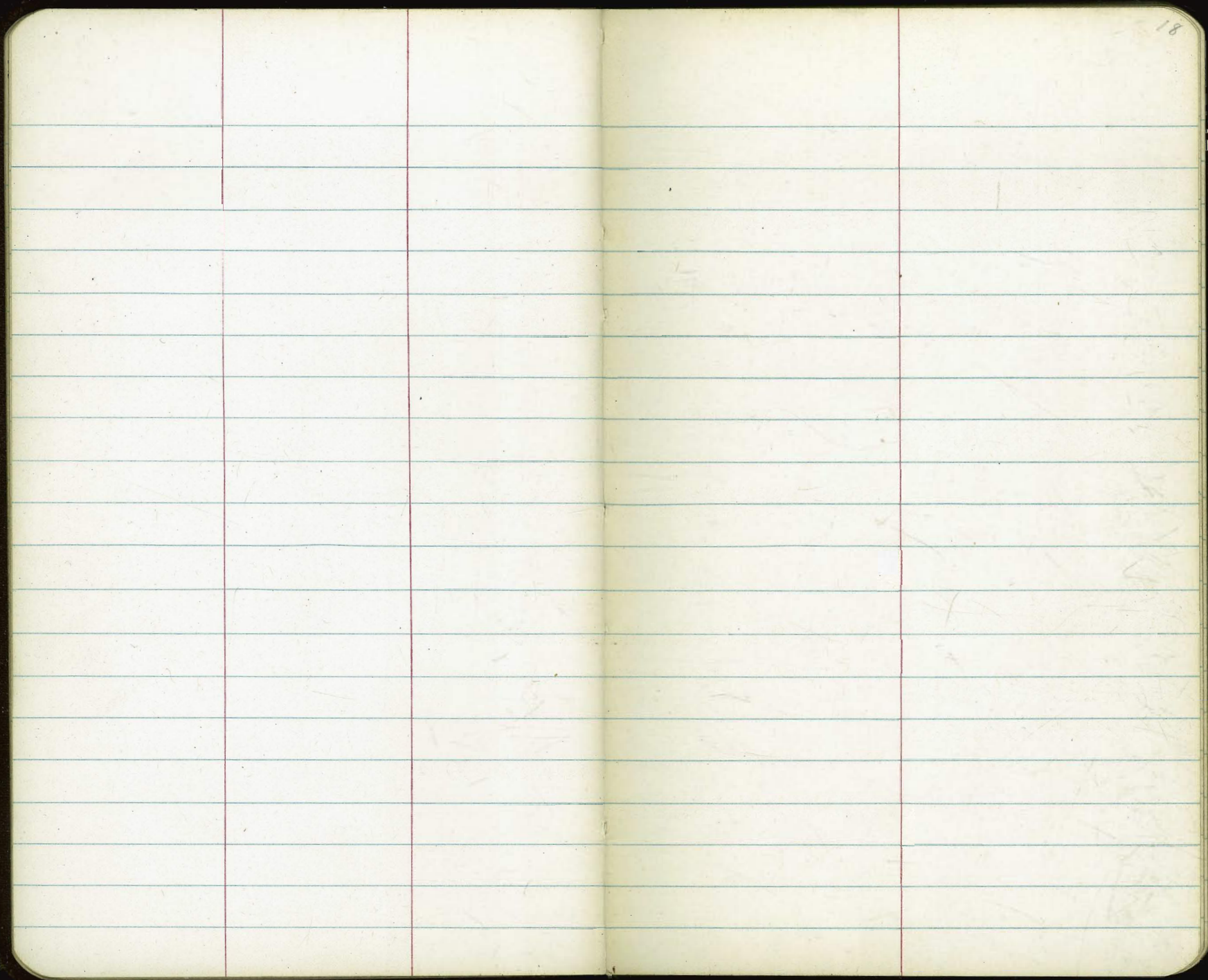
LT Base Line RT 17

Set BP End Curb
 Country Club Dr.

1.56 480.53

TP23 12.00 482.09 π 0.07 470.09

470.16 π



Mirulus Way Sly on Lt Base Line Rt
 C.C. Drive N.S. or Country Club Dr

TP₁ 920 433.29x 0.71 424.09

0+75 13°04.548' 0.1 19 310 252

0+58 2.8 Rt ♀ Fire Hyd

0+56 4.0 Rt ♀ Begin Curb

0+50 3.0 Rt ♀ water meter 5.28 top valve

0+25 3°04.098' 5.5 5.7 5.95

0+21.5 End conc driveway 5.70

0+18 8.8 ♀ Left Utilities vault 5.27

0+02 Begin conc driveway 5.82

0+09 67 pcc. 0°00' 20' 08.9188'

0+00 = 18+47.31 set Hub

BM page 9 12.34 424.80x 412.46

19 Lt Base Line Rt

BS. 0°00' 431.56 428.70 429.16

2+71 64 0.6 491.722 731

TP₂ on Hub 2+71.64 4.91x 436.47 1.73 431.56

2+50 +20 0.8 485 438

2+25 0.3 29 516 456

1+94 61 EC Hub 0.8 2.43 5.44 4.71

1+75 33°05.448' +0.9 3.7 5.11 4.97

1+61 2.8 Rt water meter 6.14 Top valve

1+50 28°05.223' +0.7 2.4 6.46 5.80

1+25 23°04.998' 3.1 5.4 7.93 7.32

1+00 18°04.773' 4.3 7.4 9.65 9.01

433.79x

CC Drive

LT Base Line RT

LT = Ely

Base Line

RT = W/L

20

0° 00' 1

5+06 21 PCC
17° 30'

+23

436.46 434.00 434.34
0.01 247 213

Hub Gut C6
35.4 432.00 432.23

4+75 15° 10.280

+08

1' 367 324

(water meter in front)
3' x 2' Conc. box
6" to face from cb

4+62

4

437.1 341 432.07 432.42
Gut C6

4+50 13° 18.375

+06

24 440 405

12° 17.051

4+36³⁰ = 2+09¹⁵
PP 2.8 24

+07

433.62 431.55 432.00
285 492 447
Hub Gut C6

4+25 11° 26.470

06

32.8 431.16 431.60
36 531 487
Gut C6

4+00 9° 34.565

05

32.3 430.56 430.83
42 590 554
Gut C6

3+75 7° 42.660

17

37.7 430.14 430.48
38 633 599
Gut C6

3+50 5° 50.755

20

31.6 429.61 430.04
49 686 643
Gut C6

3+25 3° 58.850

24

31.6 429.20 429.68
49 727 679
Gut C6

3+00 2° 06.945

22

31.2 429.02 429.46
53 745 701
Gut C6 400 omm

436.47 π

6+67 58° EC 34° 30'
5' extended

08

41.32
325

44016 439.77
473 483

6+50 30° 44.5876

10

41.3
33

439.54 439.12
505 547
cb gut

6+25 25° 23.8996

06

40.4
43

438.70 438.35
589 624
cb gut

6+00 20° 03.2116

13

40.2
42

437.86 437.41
673 708
cb gut

5+75 14° 42.5236

26

39.2
54

437.00 436.71
759 788
cb gut

5+50 9° 21.8356

35

38.4
62

435.99 435.74
860 888
cb gut

5+25 4° 61.1476

50

37.2
74

435.05 434.74
954 988
cb gut 400 omm

TP3 10³³ π 444⁵²

298 434²⁶

ON APT 2
5106.21
PCC
Hub 21714

TP2 19 56⁵⁵ π 437²¹

431⁵⁶

CC Drive

Lt-Ely

Base Line

RT-Wly

Lt-Ely

Base Line

RT-Wly

22

10788²⁴ 2" x 4" int. FH

70⁴
4

52.10

450.46
450.05

12750

722
4

70⁴

461.93
227
5.8
out

461.51
269
5.8
out

10780 2" x 4" x 6" Cypress

25⁴
4

51.5

449.65
449.22

12725

712
4

62.2

460.23
397
5.8
out

459.79
471
5.8
out

10775

25⁴
4

31

422
535
5.8
out

12106 2" x 4" x 2" Cypress

712
4

61.2

458.45
570
5.8
out

457.98
622
5.8
out

10760 2 crosses Elec Phone conduit

12700

712
4

30

570
5.8
out

622
5.8
out

10750

30⁴
4

49.60

447.74
447.25

11775

24⁴
4

59.0

456.65
755
5.8
out

456.21
729
5.8
out

10737 3" x 4" x 2" Fir Hyd

47.43

446.24
445.84

11750

41⁴
4

57.3

454.88
932
5.8
out

454.46
924
5.8
out

10728 4" EC 13" x 4"

44⁴
4

71.4

833
823
5.8
out

11472 2" x 4" x 2" Flaming Eucalyptus

41⁴
4

57.3

454.88
932
5.8
out

454.46
924
5.8
out

10700 10" SR. 4416

65⁴
4

46.4

444.73
444.24

11425

66⁴
4

55.6

453.16
1104
5.8
out

452.70
1150
5.8
out

9775 8" 21, 1326

62⁴
4

45.0

443.72
443.24
442.87

TPS 12" x 464.20

716
4

53.2

451.24
333
5.8
out

450.78
329
5.8
out

9762 3" x 4" x 2" Water Meter

454

400' diam.

57

1120
33
valve

11700

716
4

53.2

454.57
5.8
out

450.78
329
5.8
out

400' diam.

on Hub
1078824
Ent+hair

CC Drive

Lt. Fly

Base Line

84-116

Lt. Fly

Base Line

84-116

23

14425' 9°52.3943'

63 76.0 474.73 474.30
4 80 929 972
5 5
26 26
9ut 9ut

TP7 903 x 484.02

059 475.00
74.1 473.09 472.59
15 250 300
5 5
26 26
9ut 9ut

14400 6°26.7875'

+12 72.9 471.42 470.97
4 27 417 462
5 5
26 26
9ut 9ut

cc 2499

13475' 3°01.1807'

105 71.95 469.68 469.19
4 27 417 462
5 5
26 26
9ut 9ut

cc 2203

1345227 BC, 0°00'

10 564 591 640
4 on Hub 5 5
26 26
9ut 9ut

set BP end of La Jolla Country Club Dr. P17

355 480.47 ✓

480.53 ✓

13425'

70.7 467.26 466.81
R4 42 833 878
5 5
26 26
9ut 9ut

end line 14498.58 PCO, 19°57.50' 13 309
4 on Hub 5 5
26 26
9ut 9ut

80.93

480.28

479.80

13400

68.8 465.45 465.01
43 68 104 1058
4 5 5
26 26
9ut 9ut

14475 16°43.6079'

79.6 478.46 478.06
22 44 548 596
4 5 5
26 26
9ut 9ut

12475'

66.2 463.68 463.23
62 94 1121 1236
4 1000mm 5 5
26 26
9ut 9ut

14450 13°18.0011'

77.7 476.64 476.24
46 63 738 728
4 5 5
26 26
9ut 9ut

1000mm

TP6

1122 x 475.59

053 463.67

x 484.02

Eastment

SELY Line From
Mimulus Way to
Country Club Dr.
Blvd lots 8-10-9
401.00

24

1+00

LT 123 RT 123
10 10

TP3

10.44 412.98 π 0.38 402.54
90.4

0+75

127 125 130
10 10

TP2

12.47 402.92 π 1.19 390.45

TP1

12.25 391.64 π 0.42 379.39
71.1

0+50

00 07 22
10 10

0+25

92 103 111
10 10

0+16.50

1109 1171 1227
Edge Pav 10

0+00 = 14+50.19

INT. Lot Line shown on
Mimulus Way

BM 14+37.03 p. 8

13.28 379.81 π 366.53
67.41
12.40
chise X
300 diam

LT ϕ RT

433.68

2+09 15 = 4+36³⁰
PP 28 20

309

2+04

41 476 486
10 522 10
31.40
31.01

1+80.4

Edge Pav. 554 537 50
10 10

1+70.84

iron pin 55 50 51
10 10

TP5

11.61 436.77 π 0.46 425.16

1+63

60 RT ϕ "16" Euck tree

1+50

42 21.3 43 38
10 10

1+25

135 140 147
10 10

TP4

12.90 425.62 π 0.26 412.72
400 diam

Path

Base
line
Lt-Nly & Sly have Rt-Sly

Lt-Nly

Base
line
& Sly
have

Rt-Sly

23

TP₂

12⁵³ π 500⁵⁶ 05⁰ 488⁰³ ✓

86.6

1400

21 17 18
3 3

0+75

81.7
69 68 74
3 3

TP₁

12⁶⁹ π 488⁵³ 03⁶ 475⁸⁴

0+40

72.8
33 34 33
3 3

0+12 top bank

66.2
92 10 98
3 3

94.96

1754 end

52 560 52
3 3 3

0+00 Fly

52.10

24⁰

0V Hab

400 amm.

1725

91.1

92 94 96
3 3 3

400 amm

TP₆ p23 12⁵³ π 476²⁰

463⁶⁷ p23

π 500⁵⁶

Perth:

INDEXED
JER
JUN 9 1954

Lt-Nly

Base

LINE

Rt-Sly

2 Wly Lane
BANK Lot 3 & 4

61.7

1+25

25 55 56 53
5 2 5

1+00

57.1
85 103 102 100
5 1 5

TP

12⁸⁶

π 467²⁶

59.40 ✓
057 454⁴⁰ ✓

0+75

52.6
18 25 24 21
5 2 5

0+50

45.8
42 60 62 62
5 3 5

0+25

44.1
92 92 99 96
5 4 5

0+00 Ely

1-5

(P2)

7461⁵⁷ on Sly Country Club Dr.

41.84

1313
on H46

400' amm

TP4 p21

12⁶⁹

π 454⁷⁷

442²²

TP4
p21

Lt-Nly

Base

LINE

Rt-Sly

30

320²² rim

1/4 SMH #3

317²² - 8228-L-

BM starting

BM starting 6' rim

836 325⁹⁵

+0⁹³

T₂P 2²¹ 334³¹

12²³ 331⁶⁰

T₂P 0³¹ 344⁵³

12⁴⁵ 344²²

T₁P 8²³ 356⁶⁷

12¹⁷ 348⁴⁴

TP₂ p7 12²² 360⁶¹

348³⁹

to p 13 2001
wire P2
0121692

Check back levels

2+04²⁷ end

72.61
42 42 42 42
5 ON H46 98 5

1+75

69.2
72 81 80
5 5

TP₂

10⁷⁷ π 477³²

0²¹ 466⁵⁵

1+50

65.8
16 16 15 14
5 2 5

467²⁶

Lt. Ely New Line Yellow 336.7 RT=why

3700

+0.6 0.5 2.0
10 10

2750

336.0
0.0 1.3 2.5
10 10

2700

335.9
0.0 1.4 2.5
10 10

1750

335.4
0.2 1.2 2.8
10 10

1700

334.9
1.3 2.4 3.4
10 10

0469²¹ Pot. Hnd

334.59
0.8 2.6 4.0
10 Hnd 10

0437

333.4
2.6 3.2 4.8
10 10

0400 SMH

I.E. 317.00
Same as 395

BM

11³⁵ 337²⁷

325²²

RM
SMH #3
0400

Lt. Ely New Line Yellow 341.5 RT=why 27

6750

3.0 3.5 4.5
10 10

6700

341.0
1.2 4.0 5.3
10 10

5750

340.9
3.3 4.1 5.0
10 10

5700

341.5
2.2 3.5 4.8
10 10

4750

341.5
2.5 3.5 4.8
10 10

4700

340.6
3.0 4.2 6.1
10 10

3750

338.7
5.1 6.3 8.1
10 10

TP

11⁴⁰ 345⁰²

365

333⁶²

		New Line Yellow		LT-Mly	New Line Yellow	RT-Sly	28
9750		9L 11 ³ 13 ³ 10	337.3				
				TP3	10 ⁴⁵ 355 ⁹⁸	3 ⁰⁶ 345 ⁵³	12730 ON POT, 54.6
TP2	7 ⁰⁴	347 341 ⁵⁵ 8755 ⁴²	348 ⁵⁹				
	taken on split		336.2	12750	10 ⁰² 16 4 ⁰ 10		
9705	L.L. 88°02'	5L 8E 12 ⁵ 20					
			340.3	12700	0 ⁰ 3 ⁸ 6 ² 10		
8780		3 ⁸ 4 ² 6 ² 10					
			341.6	11750	4 ² 7 ³ 10 ³ 10		
8750		2 ⁵ 3 ⁴ 4 ³ 10					
			342.7	11700	4 ⁰ 5 ⁸ 8 ³ 10		
8700		0 ⁵ 2 ³ 3 ³ 10					
			342.1				
7750		1 ⁴ 2 ² 2 ⁷ 10		10750	4 ⁶ 7 ³ 10 ⁰ 10		
7745	13° H.E. 28" tree Eucalyptus						
			341.7				
7700		2 ³ 3 ³ 4 ³ 10		10700	6 ⁸ 9 ⁶ 11 ² 10		
			345 ⁰²				
						348 ⁵⁹	

Lt=Nly New Live RT=Sly

Yellow
347.6

14+50

6⁴ 8⁴ 10³
10 10

343.5

14+35

10² 12⁵ 12³
10 10

342.08

14+00

9¹ 13² 15²
10 10

344.3

13+78

8⁸ 11² 15²
10 10

344.7

13+50

7⁶ 11³ 16³
10 10

taken on split

13+02 47 Lt Lt 32° 38'

343⁴ 9²
8² 12⁵² 16⁰
10 on Hub 10

345.9

12+75

8² 10¹ 12¹
10 10

π 355⁹⁸

Lt=Nly New Live RT=Sly 29

Yellow

TP7 pg. 8

13¹ 360⁹⁸ ✓ 101

New on
due to fill

358.11

15785⁹⁴ end
Le Dist
RT easement

2⁷ 4¹⁸ 4³
10 10

362²

355.8

15+60

6⁵ 6⁵ 6⁸
10 7

362³

353.6

15+30

4⁶ 8² 9²
10 10

360²

355.4

15+18

4² 6⁷ 10³
10 10

359²

15+11 45
int Trophian

354.9

857⁴
8
on Hub

15+00 same

4⁷ 7⁴ 10²
10 10

same

TP4

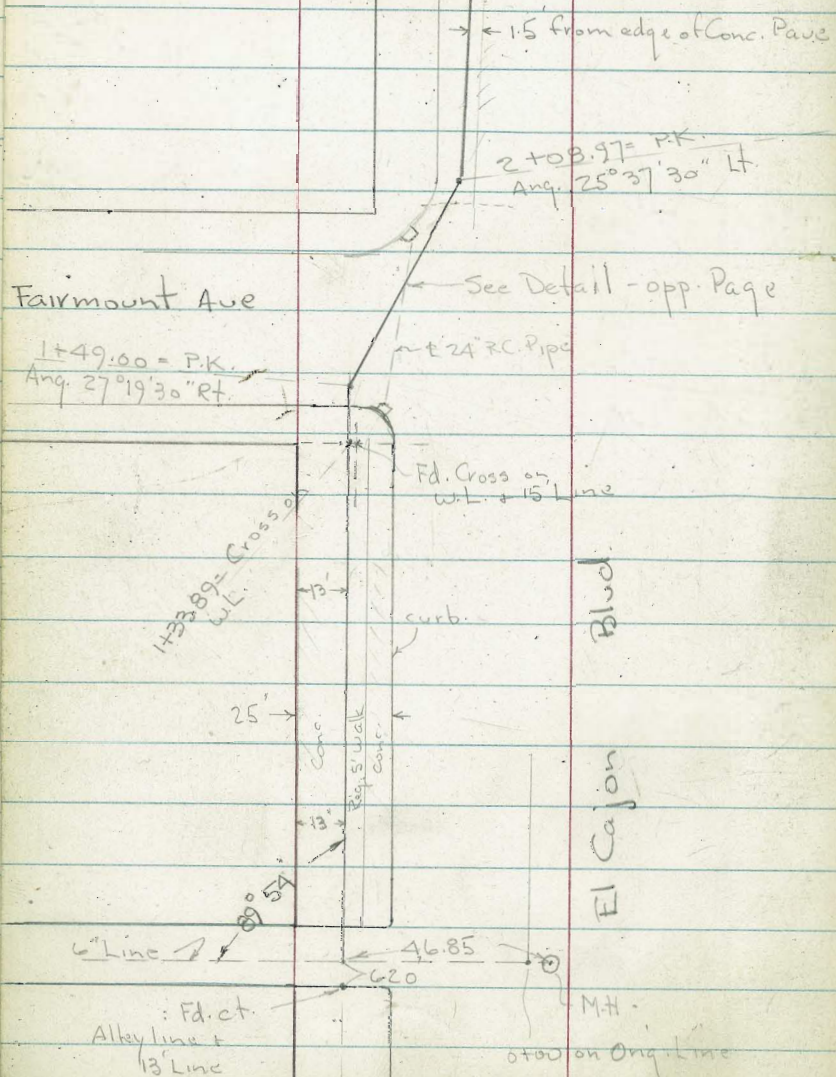
13²⁴ 362²⁹
π

6⁹³ 349⁰⁵

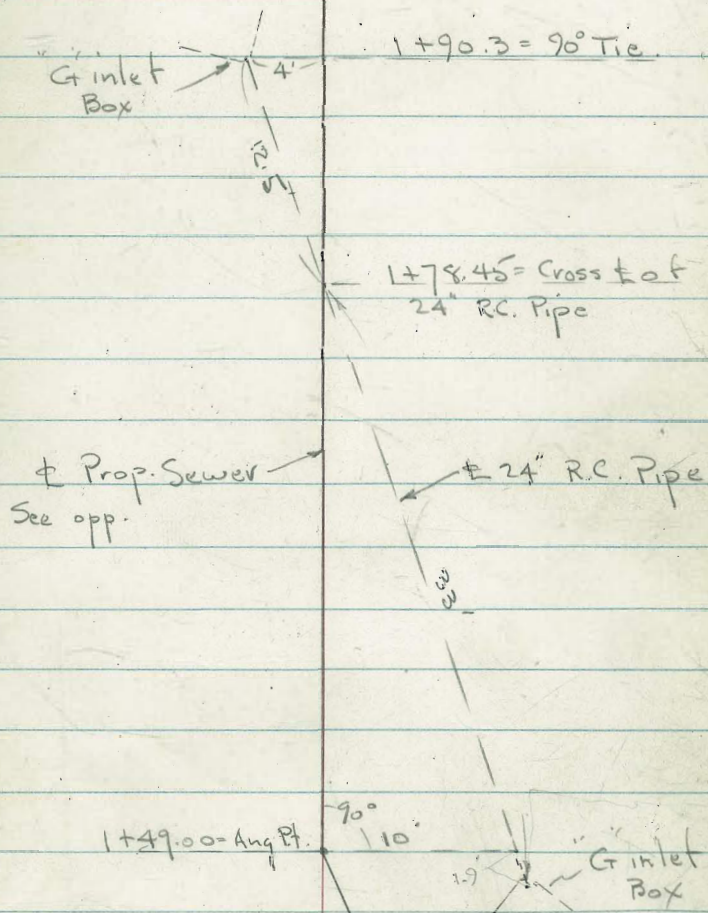
See F.B. 2334-1

Cont. on P. 31

INDIVIDUAL
JUL 29 1954



Detail of Crossing
24" Pipe



Highland Ave.

on Orig. line
 $6+84.48 = PK. = 6+71.83$
Ang. 45° Lt.

1.5
from
Conc.

$6+51.25 = PK$
Ang. $36^\circ 08'$ RT.

Blud.

$3+56.06 = PK$ on $\#6$ Line
Ang. $2^\circ 30'$ Lt.
 $3+49.50 =$ Cross
on Orig. Line.

$\#6$ Line = $\pm 44 \pm 5$

14.71

1.5' from Conc.

N. $\#6$ Line
El Cajon

1.5
from
Conc.

Conc. Pave

El Cajon

Req. Levels along \pm of Prop. Sewer in
El Cajon Blvd. - from Alley W. of Fairmount
to Highland. - Conn. to Orig. Line - Book 2334

W.O. 21627 - 7-23-54 - 7.0

1+49.00 = Ang Pt.

Lt.
50.96
10

\pm
50.91

Rt.
50.95
5

I.E. of Wly. end of 24" Pipe - See Detail for Loc.

44.86 = I.E. of outlet.

1+44 = Face of W. cb. Fairmount

50.63
9+
51.16
10
Top

51.21
Top

50.52
9+
50.45
2.7
Inside -
N. end of
opening = gut.

51.21
Top

1+42 - 5.7 Lt. = \pm P. pole # P 4304

1+33.3 - Cross Water Service (cut in Conc)

1+00

51.94
10

51.62
N. edge

51.62
5
S. edge

0+87.5 - 18' Lt. = \pm + sly of 2.5 wide x 5.5' long
Core base for sign

0+50

52.27
10

52.02
N. edge

51.96
5
S. edge

Line on N. Edge of S. walk - Rest. Concreted in
0+08.7 = E.L. Alley Ret. end A.C. + Req. Conc. walk

52.75
10
Conc.

52.10

51.94
5 = S. edge of
walk

0+00 - on \pm of 6" Line in Alley - 6.20 from W.L.

52.07

\pm El Cajon at Fairmount.

Set. B.M. = 0 in end of E. Island in

352.72

B.M. = W.L. & 15' Cross - N.W.

351.37

Cor. Fairmount + El Cajon

Actual Elev. Shown.

	Lt.	±	RT.
4+50	53.92 Top	53.39 3.9 gut.	53.66 53.99 5.6 = Conc.
4+00	53.49 Top	52.95 5.2 gut.	53.15 53.27 3.4 = Conc.
3+56.06 = Ang. Pt.			52.67 52.67 15
3+15 = 6.5 Lt. = P.C. of cb. Ret.	52.44 Top cb.	51.98 6.5 = gut.	52.10 52.17 15 = crack = Conc.
3+00			51.92
2+50			51.42
2+25 = Cross ± Elect. Ditch at Angle			
2+08.97 = Ang. Pt.	51.40 Top	50.74 6.2 gut.	51.23 51.33 1.5 = edge of Conc Pave
2+03.3 = Cross Ditch for Elect. Line			on H.C.
1+98 - 4.1 Lt. = nearest Pt to Ret.	51.42 Top cb.	50.39 4.1 Lip of opening	50.84
1+93.3 - 3 Lt. = Near Cor. of 2.5 x 4 Grate to Inlet.	51.38 Top cb.	50.40 5 gut = grate	50.41 3 = Cor. grate
1+90.3 - 4 Lt. = Inlet of 24" Pipe		45.89 = I.F. Inlet.	50.37 = Top Grate
1+78.45 = Cross ± of 24" Pipe			51.17
1+68			51.45

Lt.

±

Rt.

34

Book 2334

6+84.48 = P.K. = Ang Pt. = 6+71.83 on Orig. line

56.10

6+82.5 = edge Conc.

56.04

6+68 = ± Crack

55.75

6+53.4 = edge of Conc.

55.43

6+51.25 = Ang Pt.

55.23
5

55.39

55.42
15 = Conc.

6+45-7.1 Lt. = P.C. of Ret.

6+20

54.98
3 = Brk. in
gut. line - P. to
Ser. sta.

55.11

55.20
4.7 = Conc.

5+90

55.38

54.68

54.80

55.04
6.9 = Conc.

5+63.2 - 2.1 Lt. = ± 8' Gate to F.H.

Top

2.8
gut.

5+60

55.10

54.51

54.59

54.88
8.2 = Conc.

5+30

54.29

54.38

54.67
8.5 = Conc.

5+00 = about P.C. of Curve in Conc. edge

54.50

53.90

54.05

54.48

Top

2.6
gut.

7.8 = Conc.

New Line Prop. 947958 L. cont from 1913

Profile Sower LaSalle C.C. w/prop Easement

Begin flower beds 3/4

11181 1° N E 2" Canary bush

11475

404⁶/₃ 404²/₃

11452 3° N E 6" tree

11450

405⁴/₃ 405³/₃

11425

404²/₃ 403³/₃

11400

403⁶/₃ 403³/₃

10475

403⁶/₃ 402¹/₃

10450

404³/₃ 403³/₃

10425

402⁰/₃ 401⁵/₃

10400

397³/₃ 397³/₃

947958 New

394²/₃ 393⁹/₃

3'
14.
44

e/v. as shown

INDEXED

JER
NOV 17 1954

3/4
w/prop Easement

35

13125 75° N E w/prop bath house 406¹/₃ 405¹/₃

13100 85° N E w/prop bath house 402²/₃ 401⁶/₃

(cont'd)
12791 1° N E 8" holly bush

12789 85° N E to NW cor bath House

3° 24'
12784⁶⁷ Hub. L. 1' 401²/₃ 401¹¹/₃
NW 46

12775 400¹/₃ 401³/₃

12762 E cross 2' walk

12750 403²/₃ 402⁰/₃

12745 1° N E 2" fig tree

12725 402⁴/₃ 401²/₃

12705 5° N E 4" banana tree

12703 7° N E / 35 x 35 Bed bath or fish pond on corner

12702 4° N E 4" tree

12700 402¹/₃ 402⁴/₃
3'
14.

check 6 hub

16+77
16+74

447⁰⁵

447⁰⁸ 3 Lt

3
w/ 100' easment

36
= 5
w/ 100' easment

15+26²²

442³ 440³⁹
3' 0' hub

15400

436⁸ 437⁰
3

14487 2 int (2) 6" clumps sumac (over Calif shrub)

14475

403³ 432³
3
? 433³ is 433⁰²

14450

428⁸ 428¹
3'

14435 15 Rt & 3" Acacia tree

14425

423⁰ 422⁸
3'

14423 2 int 4" Acacia tree

14408 2 Lt & 5" Acacia tree

14400

418⁸ 417²
3

13497 2 Lt & 3" Tamarack

13480 2 Lt & 4" Tamarack

13475

414⁶ 414¹
3

13471 2 int 4" Eucalyptus tree

13467 6 Lt to SW by car to house

13450 6 Lt to W by car to house

410¹ 409⁶
3

New Profile Line
 Joining MH#97414²² to MH#11 8134³²
 9479⁵⁸

Lt. Fly

Base Line

Rt. Wly

Lt. Fly

Rt. Wly

INDEXED

MER
 MAR 3 1955

8700

383 ²	383 ⁶	383 ³	381 ³
14 ⁴	14 ⁵	14 ⁸	16 ⁸
13	3		10

7775

376 ⁴	375 ⁶	375 ³	374 ²
22 ²	22 ³	22 ⁸	23 ³
13	3		10

7767

376 ²	375 ⁸	375 ²	374 ²
22 ²	22 ³	22 ⁴	23 ²
13	3		10

7740

385 ⁵	384 ²	383 ⁸	382 ³
12 ⁶	13 ⁴	14 ³	15 ⁸
18	3		10

9479⁵⁸ (end)

8434³³ newer on this

396 ⁴	394 ⁸	393 ⁶	391 ²
17	3 ³	4 ²	6 ²
13	3	0 ⁴	10

7714²²

392 ⁸	391 ⁴	390 ¹⁰	388 ²
5 ³	6 ²	7 ²²	9 ²
13	3	0 ⁴	10

8715

391 ²	389 ²	389 ²	386 ³
6 ²	8 ²	9 ⁴	11 ⁸
13	3		10

8413 12 Rt to Fly of 4° con head wall on H₂O line

1266-385⁴¹
 elev. top

BM

2²⁰ T 398⁰⁷

395⁸⁷

on 2 tabs. @
 all 5 in.
 8438¹⁴

T 398⁰⁷

Line Change due to No Easement
granting Near Hobelia Path
Sly Line C.C.H.K.

Lt. Fly Base
Line Rte. Why

17+93²¹ Fly. Cor. Man

436⁴ 435⁵ 431⁸ 429¹
14² 18⁸ 19⁵ 22²
13 3 10

17+77

440⁰ 436⁵ 435⁷ 431⁷
11³ 14⁸ 15⁶ 19⁶
13 3 10

17+50

442⁹ 440¹ 439⁰ 436¹
8⁴ 11² 12³ 15²
13 3 10

17+25

445⁵ 442⁶ 441⁸ 438⁴
5⁸ 8² 9⁵ 12²
13 3 10

17+00

448¹ 445² 444¹ 441⁰
3² 6³ 7² 10³
13 3 10

16+74⁰⁰

450⁵ 448⁰ 447⁰⁵ 443²
0⁸ 3² 4²⁶ 7⁴
13 3 on Hub 10

BM

4²⁶ 7 451³¹

447⁰⁵ on Hub 16+74⁰⁰

INDEXED

JER

MAY 20 1955

PROPOSED ALIGNMENT PROFILE & PLUMBING
ELEVATIONS FOR SANITARY SEWER MIDWAY
DRIVE, ENTERPRISE & PACIFIC HI-WAY

W.O. 32612

Ref. Roll Dwg 6184, 972-D; R.O.S. 901.

TR. 600, 601, 602, 603

F.B. 2228

P.L. 319

P.L. 318.

NOTE: See Pg. 61 for additional Ties

P.L. 318

P.L. 317

P.L. 320.

30' ENTERPRISE

ST. 4

89° 56' 30"

10+50

Set P.K. Nail

Cont'd Pg. 40

DRIVE

4+20
Set 2" x 2" Hub
& TK

Fd. L. & T.
11. Cor b

MIDWAY

A.C. PAUT.

0+00
Set 2" x 2" Hub
& TK.

7' 28' 28' 7'

Fd. Conc. Man.

1' below Ground

Set Nails

39

T.A. Stamper
5-17-55



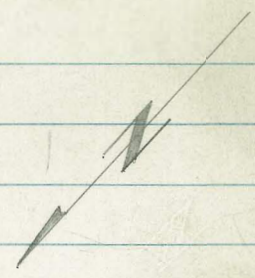
JESSOP AC. part. LANE

54° 18' 25"
Map

32.54

ENTERPRISE

450'



41t = 9° 09'

12+08.82 (New Alignment)
= 13+09.34 (Old Sta) =
Set P.K. ahead

12+69.82
b.p. S.W.

12+55.82
c.b.

P.L. 320

P.L. 319

12+09.82
Set P.K.

NEW ALIGNMENT

REVISED ST.

0+00

14'
46'
30'
16'
14'
8'

30°

127.39'
30°

37
20-46-12
M.H.N. No 56
972-D

HI-WAY

PACIFIC

19+23.23
Set ch. s. @ bks. S.W.
205.62' to P.I.
(see Pg. 61)

18+17.85
Set P.K.
Nail

146° 54' 30"

4+50
Set Post Nail

ENTERPRISE 450'

ST.

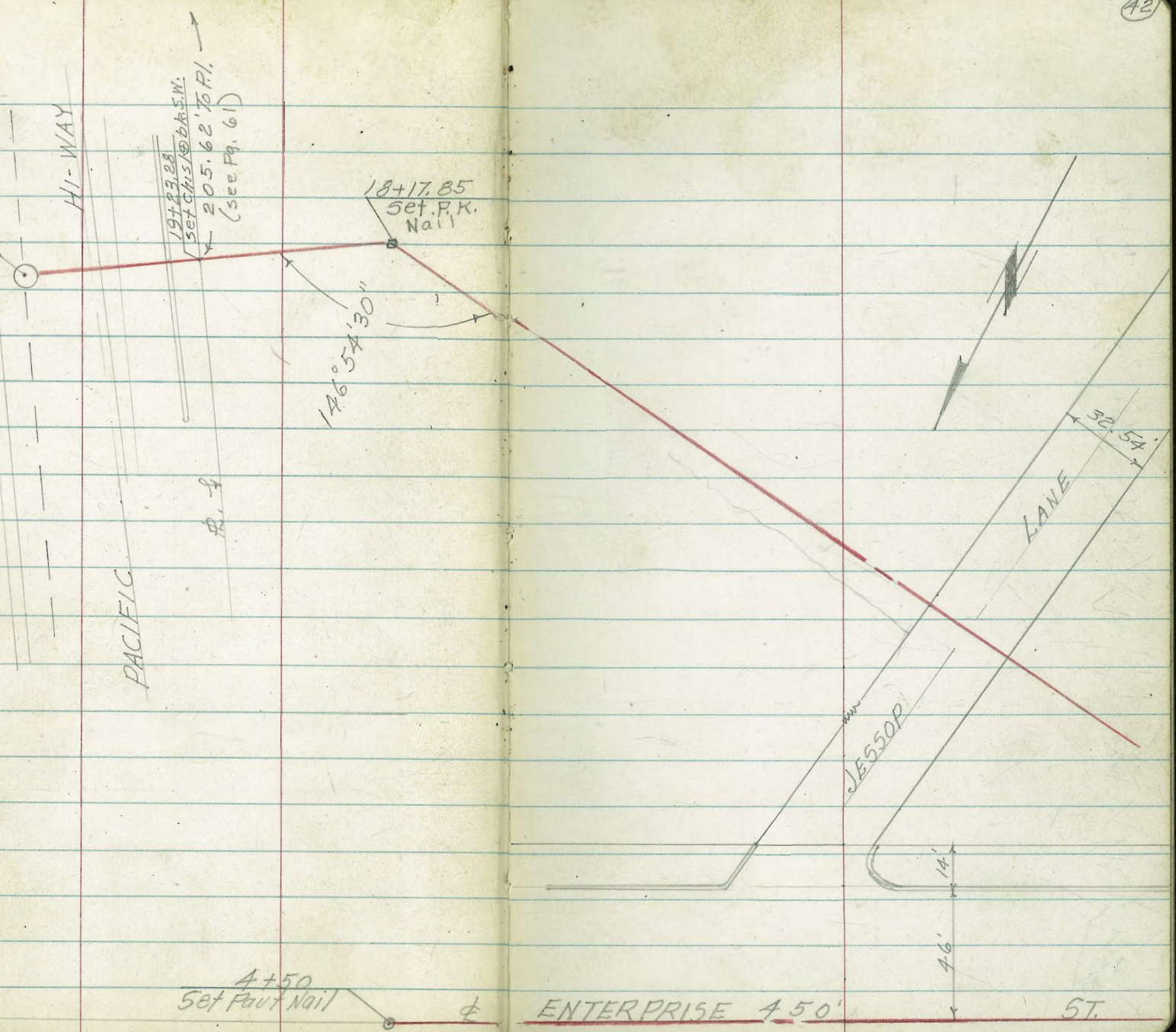
JESSOP

LANE

32.54'

14'

46'



Lt

±

Rt

✓ (43)

5-19-55

stamper
Huffman
Elmore
Blunt

PROFILE OF PROPOSED SANITARY
SEWER MIDWAY DRIVE; & ENTERPRISE
ST. & VICINITY W.O. 32612

1+50

0.3 ✓
5.4

1+22⁵ 1⁶ Rt & L. Post N^o 4415 ±¹²
conc Base

1+00

0.7 ✓ 0.2 ✓ 0.28 ✓ -0.3 ✓
5.0 5.5 5.45 6.05
3.5 3.5 3.5
Cb Gut.

0+50

0.3 ✓
5.4

0+00 - 3⁶ Lt. 6' Woven Wire fence

0.19 ✓
5.54

on Hub

5.73 ✓

+271 5.73 ✓

T.P. -6.15 3.02 ✓

check with 2228
50 ft.

B.M. +450 (9.17) ✓ 4.67 ✓

P.K. Flood lite Pole N^o 5 Sly Side
50 Frontier St. 2228-50 way

SEWER PROFILE

LT E RT. 1 (44)

4+50				0.0 [✓]			
TP +5.14	5.10 [✓]	-5.77	-0.04 [✓]	5.1 [✓]			
4+31-1 ^B RT & L Post No 4411				0			
4+00				5.10 [✓]			
				0.5 [✓]	0.0 [✓]	0.01 [✓]	-0.64 [✓]
				5.2	5.7	5.72	6.37
				3.5	0	3.5	3.5
						cb	Gut
3+50				0.1 [✓]			
				5.6			
3+00				0.5 [✓]	0.2 [✓]	0.05 [✓]	-0.54 [✓]
2+76.8-1 ^I RT & L Post No 4413				5.2	5.5	5.67	6.27
				3.5	0	3.5	3.5
						cb	G
2+50				0.2 [✓]			
				5.5			
2+00				0.8 [✓]	0.2 [✓]	0.23 [✓]	-0.41 [✓]
				4.9	5.5	5.50	6.14
				3.5	0	3.5	3.5
						cb	Gut
				5.73 [✓]			

SEWER PROFILE

6+50										- 0.4 [✓] 5.5 0
6+07 ⁴ End Conc Cover Over Side Inlet										- 0.38 [✓] 5.48
6+03 ² € Side Inlet										- 1.16 [✓] 6.26 F.L.
6+00 ⁴ Begin Conc Cover Over Curb Inlet.										- 0.35 [✓] 5.45
6+20										- 0.1 [✓] - 0.4 [✓] - 0.36 [✓] - 1.04 [✓] 5.2 5.5 5.46 6.14 3.5 3.5 3.5 cb cb Gut
5+85-1 ⁵ Rt € L. Post No 4409										- 0.2 [✓] 5.3
5+50										
5+00										0.4 [✓] - 0.1 [✓] - 0.12 [✓] - 0.72 [✓] 4.7 5.2 5.22 5.82 3.5 0 3.5 3.5 cb cb Gut
TBM	- 5.11	- 0.01								5.10 [✓] Top Lt. E. Ch. Sta 4+20 (side shot)

SEWER PROFILE

T.B.M. +5.60 6.96 -3.74 1.36

9+28⁹ Begin Conc. S. Walk

9+09-1¹ Rt. & P.P. N° 519070-H

9+00

8+93-1¹ Rt. & L. Post N° 4405

8+80-3⁸ Lt. End 6⁵ Chain Link fence

8+50

8+00

7+50

7+39-1⁵ Rt. & Post N° 4407

7+00

Lt

E

Rt

②

0.72[✓]

4.38

0

Top Walk

0.9[✓]

0.7[✓]

0.54[✓]

-0.09[✓]

4.2

4.7

4.56

5.19

3⁵

0

3⁵

3⁵

Ch

Gut

0.4[✓]

4.7

0

0.9[✓]

0.2[✓]

0.24[✓]

-0.38[✓]

4.2

4.9

4.86

5.48

3⁵

0

3⁵

3⁵

Ch

Gut

0.2[✓]

4.9

0

0.4[✓]

-0.1[✓]

-0.10[✓]

-0.71[✓]

4.7

5.2

5.20

5.81

3⁵

0

3⁵

3⁵

Ch

Gut

5.10[✓]

Lt. E Rt.

SEWER PROFILE

10+60[±] Top Curb Traffic Island

1.06[✓] 0.6[✓]
5.90 6.34
0 0
Cb Gut

10+58[±] Con Lip Type "G" Gutter

0.60[✓]
6.36
0

10+50 = P.I.

0.71[✓]
6.25
0

10+00

0.53[✓]
6.43
0

9+67[±] Face Lip Type G. Curb

0.23[✓]
6.73
0

9+63[±] Top Curb face

0.75[✓] 0.17[✓]
6.21 6.79
0 0
Cb Gut

9+50

0.76[✓]
6.20
0

↗ 6.96[✓]

SEWER PROFILE

LT E RT (78)

12+00

1.21 ✓
5.73
0

11+50

1.04 ✓
5.92
0

11+07⁸ = Conc Lip Type G Gutter

1.04 ✓
5.92
0

11+06 = Cb. face

1.61 ✓ 1.08 ✓
5.35 5.88
0 0
Cb Gut

11+00

1.05 ✓	1.50 ✓	1.51 ✓	1.53 ✓	1.05 ✓
5.91	5.46	5.45	5.43	5.91
2 ✓	2 ✓	0	2 ✓	2 ✓
G	Cb		Cb	G

10+63-2⁵ Rt. of 3' 5/4 x 2⁵ E+W 14
Conc. Base Electrolier N°4403

6.96 ✓

SEWER PROFILE

13+00

12+69^B = bk conc S.W.

12+55^B = Cb.

12+55^B = Gutter

12+54^S = Conc. Lip

12+09⁸² = P.I.

Lt. E Rt (49)

1.61[✓]
5.29
0
A.C.

1.49[✓]
5.47
0

1.36[✓]
5.60
0

0.84[✓]
6.12
0

0.89[✓]
6.07
0

1.28[✓]
5.68
0

↗ 6.96[✓]

SEWER PROFILE

13+95⁵ 3^o Rt. Begin 3' Board fence

13+94-4⁷ Rt. & PPN = 613930-H

13+83-68^o Rt. & Fashion Yardage
Bldg N^o 3528 Barnett

2.21 ✓
5.58
0
A.C.
2.28 ✓
5.57
68^o
floor

13+70 End Conc Landing

2.21 ✓
5.64
9² ✓
2.22 ✓
5.61
1² n^o 3 ✓
5.62
9²
floor

13+64-9² Lt. & United Success Bldg
Rear Annex

0
A.C.

13+55² 1² Lt. Begin Conc Landing

2.41 ✓
5.38
9²
conc @
bldg
2.21 ✓
5.64
1²
conc.
2.22 ✓
5.63
0
A.C.
7.85 ✓

+5.57 7.85 ✓
Set Chis/Cross on

T.B.M. SW Cor Conc. Apr 17 -4.68 2.28 ✓
United Success Bldg

13+45-21⁵ Rt. & Stop Lite Cafe

2.18 ✓
4.78
0
A.C.
2.22 ✓
4.72
21⁵
floor

13+09³⁹ = P.I. 25⁵ Rt. Union Serv. Sh

1.73 ✓
5.23
0
A.C.
6.96 ✓
2.25 ✓
4.72
floor

SEWER PROFILE

15+16 - 3^o Rt. End 3' board fence

15+15⁵ ± = Wly Line Jessop Lane

15+00

14+70 - 29^o Lt. Ent. To United Success Co
Main Bldg

14+55 - 37² Rt. & Signal Oil Sta

14+50

14+00

lt ± rt (51)

1.78 ✓

6.07

A.C.

1.81 ✓

6.04

A.C.

2.41 ✓

5.44

29^o
floor

1.95 ✓

5.90

A.C.

2.03 ✓

5.82

A.C.

2.49 ✓

5.36

37²
floor

2.01 ✓

5.84

A.C.

2.16 ✓

5.69

A.C.

7.85 ✓

SEWER PROFILE

16+52 - Line Crosses 6' Wire Mesh Fence

16+50

16+31-39⁵ Rt. & Anglers Bait & Tackle Co
Bldg No 3810 Barrett

T.P. + 6.36 8.16 - 6.05 1.80[✓]

16+00

15+50

15+47⁵ = Ely Edge AC Sessop Lane

15+16⁷ 3⁵ Rt. & T. Pole No 582461-H

Lt. & Rt. (52)

1.5[✓]
6.7
0

2.10[✓] 3.21[✓]
6.6 4.95
0 39⁵
floor

Σ 8.16[✓]

1.75[✓]
6.1
0

1.75[✓]
6.1
0

1.77[✓]
6.08
0
A. C.

Σ 7.85[✓]

SEWER PROFILE

lt.

±

rt.

33

18+50

2.4 ✓
5.8
0

18+17.85 P.I.

1.9 ✓
6.3
0

18+00

1.8 ✓
6.4
0

17+50

1.1 ✓
6.5
0

17+00

1.4 ✓
6.8
0

16+61 - Line Cross Ball diamond Bank.
Stop fence 25' High ±

8.16 ✓

SEWER PROFILE

19+~~55~~⁴⁶₅ = End A.C. Basin Conc.

2.91'
5.25'
0

19+~~43~~³⁴₃ = End Conc Basin AC Pavt

2.81'
5.35'
0

19+~~40~~³¹₂ = Gutter

2.76'
5.40'
0

19+~~42~~³¹₂ = Face Curb

3.40'
4.76'
0

19+23³ = W. Edge Conc S. Walk

3.55'
4.61'
0

19+22² Line Crosses 6' Wire Mesh Fence

2.9'
5.3'
0

19+00

8.16'

ct.

€

et.

(54)

Lt. C Rt

SEWER PROFILE

19+65^{56.2} = Gutter

1.22 ✓
6.94

19+65^{56.2} = Top Wly Cb.

2.16 ✓
6.00
0

19+63^{54.5} = Ely face 18" Conc. Wall

2.18 ✓
5.98
0

19+62^{53.75} = C Top 18" Conc. Wall To Underpass

3.75 ✓
4.41
0

19+58^{49.0} = Top Curb

3.35 ✓
4.81
0

19+58^{49.8} = Gutter

2.90 ✓
5.26
0

8.16 ✓

SEWER PROFILE

Lt.

±

Rt.

56

$20+10^0 =$ Wly Cb face Upper Level

4.94[✓]
3.22
0

$19+91$
 ~~$20+00$~~ ± 18" Conc Ret Wall

5.11[✓]
2.99
0

$19+99^3$ TOP 18" Conc Ret Wall

5.11[✓]
2.99
0

$19+92^3 =$ W face 18" Conc Ret Wall
Underpass

2.00[✓]
6.16

$19+97^1 =$ E. Cb. Underpass

2.04[✓]
6.12 6.12

$19+97^1 =$ E. Gutter Underpass

1.03[✓]
7.13
0

± 8.16[✓]

SEWER PROFILE

2228-47-50

B.M.

- 5.75 + 2.77

2.77 Chis/Cross 1' bk. Ch. on E of
Frontier St Produced to SWly Ch. Ret
Enterprise St.

+4.79

8.52 ✓

P.K.P.P. No 4247

T.P. OPP. NE. Coy

- 4.43

3.73 ✓

Baseball Diamond

NOTE: There is Approx. 7' of Sewage
Standing in this Manhole; &
has evidently Settled or??
Should be checked, See 972 D.

SEE WORKING RECORDS

³⁷
20+46.12

-19.03 I Grade

M.H. 56 Map. 972-D.

-20.34 ✓

-28.54

F.L.

21.55

³⁷ ¹²
20+46

= Sewer M.H. No 56
972-D

FB 1595.
1623.

4.17 ✓

3.99

Top

⁰¹
20+46 Gutter

4.46 ✓

3.70

0

21+8.16 ✓

SEWER PROFILE ENTERPRISE ST.

1+50

1.18 ✓
6.34
0

1+00

1.58 ✓
6.54
0

0+50

1.40 ✓
6.72
0

0+00 = 12+09.82 (See Sketch Pg. 40)

1.29 ✓
6.83
0

8.12 ✓

B.M. + 5.35 8.12 ✓

2.77

(See Pg. 57)

SEWER & ENTERPRISE ST.

3+50 - 171 1/2 Lt. & KF S.D. TV. Bldg

3.18	2.34
174.94	5.75
171 1/2	
floor	

3+00

2.27
5.85

4+00

2+50

2.14
5.98

1.50

2+25 - 170' Lt. & Lewis Lunch Bldg

3+00

No 3630 Enterprise St.

2.09	2.01
6.03	6.05
170	
floor	

2+00

1.96
6.16

8.12

SEWER ENTERPRISE ST.

Lt. E Rt. (60)
5-19-55

B.M.

- 5.35 2.77 - 2.77 Starting Bench

4+50

n. 04 ✓
6.08
0

4+00

n. 29 ✓
5.83
0

8.12 ✓

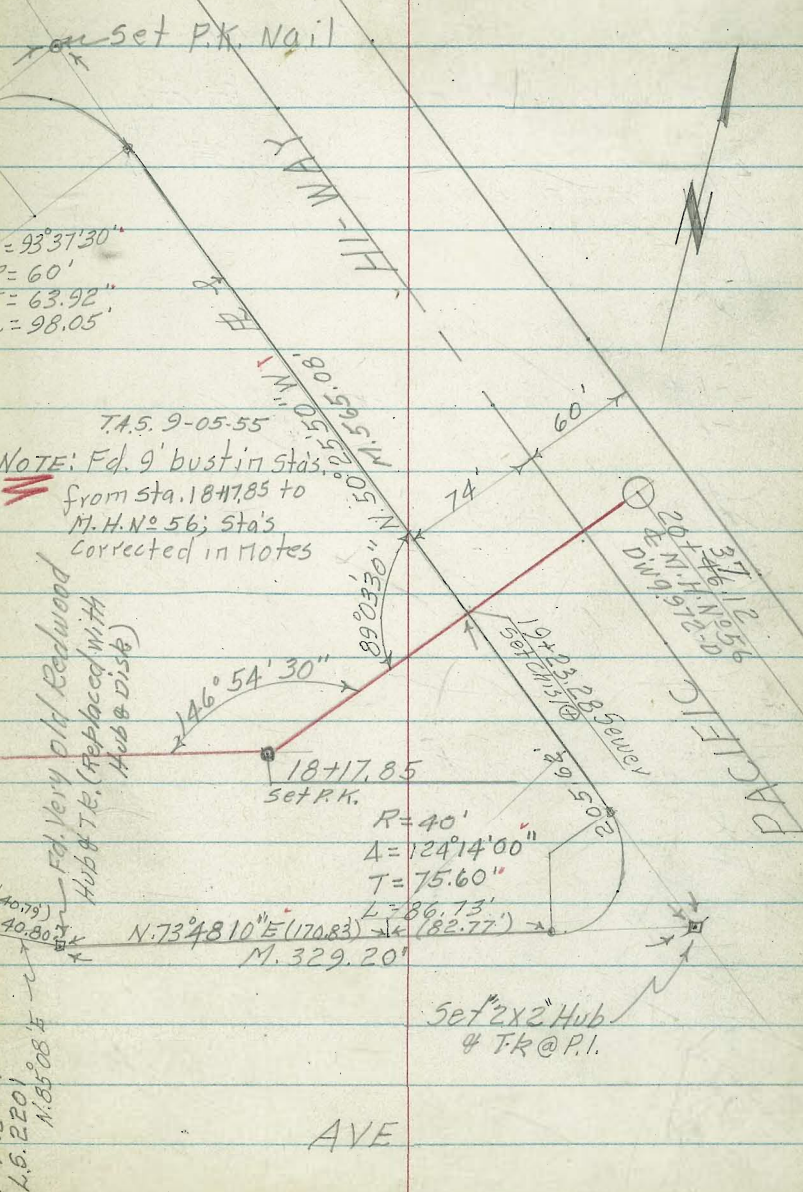
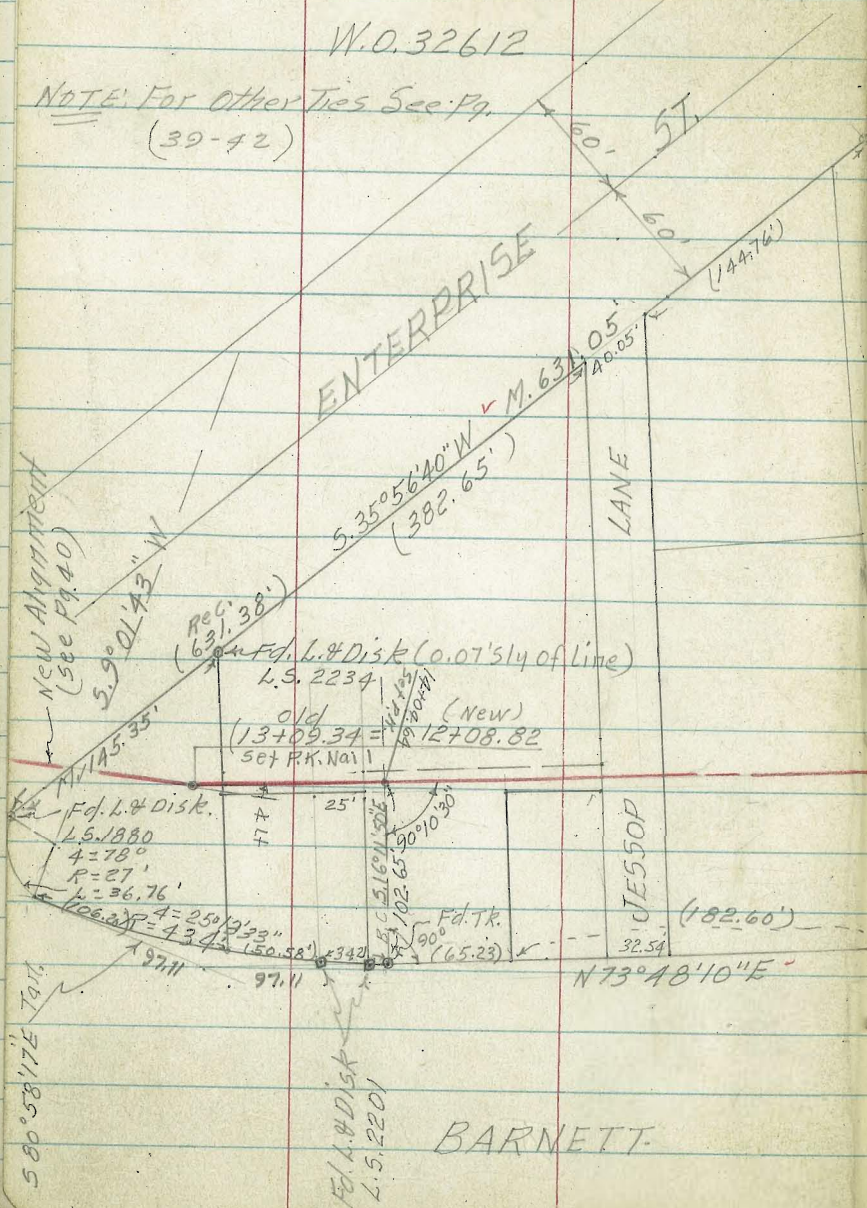
10-04-55
T.A. Stampel

(61)

ADDITIONAL TIES FOR PROPOSED SEWER

W.O. 32612

NOTE: For Other Ties See Pg.
(39-42)



RE-ALIGNMENT OF PROPOSED
 SANITARY SEWER ENTERPRISE ST.
 & MIDWAY DRIVE, THENCE ELY
 (see Sketch Pg 40) W.O. 32612

11+50

1.20

11+35⁵ = Ch. face in Dr-way

0.75

11+33³⁷ = Lip of Conc. Gutter

0.73

11+00

0.81

10+50

0.80

10+00

0.42

9+90

0.42

T.B.M.

2.28

(see Pg. 50)

Lt

+

Rt

(62)

10-05-55

NOTE: Direct Elev Rod used

Stamper
 Huffman
 Kelley
 Blunt

E

B.M.

2.282

2.28

12+0882 = 13+0934
^{old sta.}

1.72
0

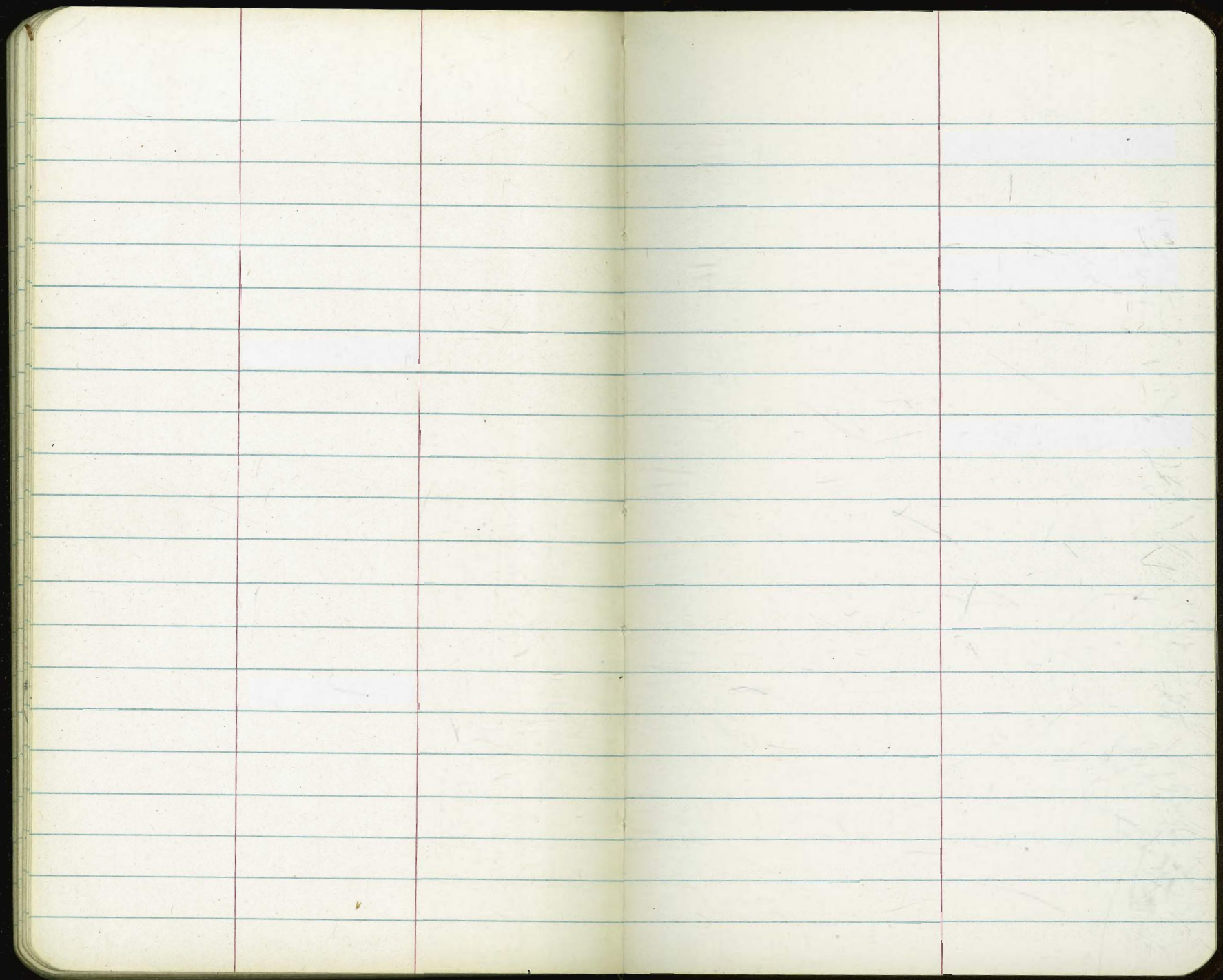
12+00

1.70
0

11+58^E - 2¹/₂ ft. & 4" Dig Metal flood lite
Pole set in 15" ¹/₂ Conc base

11+54^E = bk S.W

1.37
0



3209

1183

892

2075

17

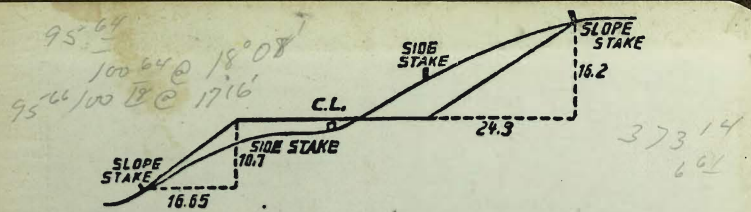
3719

87

3632

3581

95-65



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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