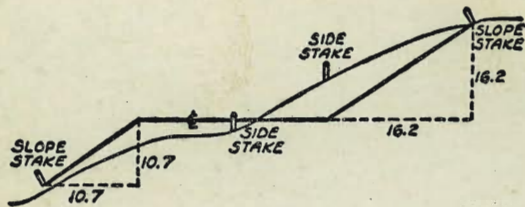


2336

SEWER



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.

3595460
1143830
2452130

31.93
32.02
63.95

8245
6395
18.50

8245
31.93
50.52

25.95
72

69.611

8245
1143830
2452130

31.93
32.02
63.95

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	.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

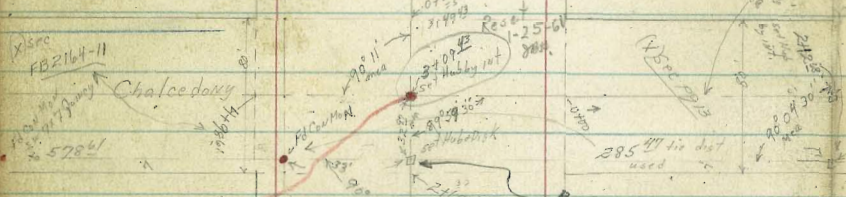
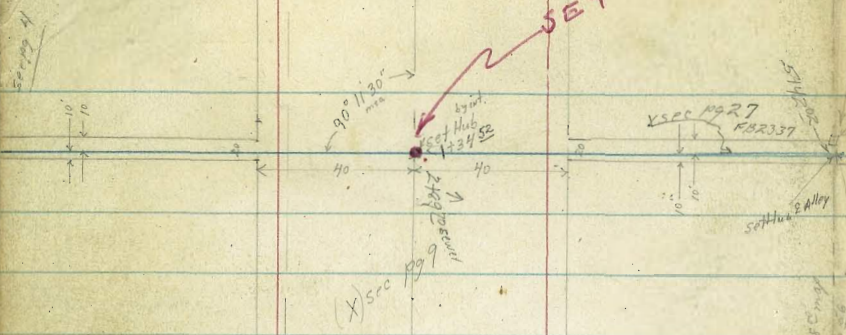
(X) See All streets in Floral Terrace 1-78

Sub also see FB 2337 1-35

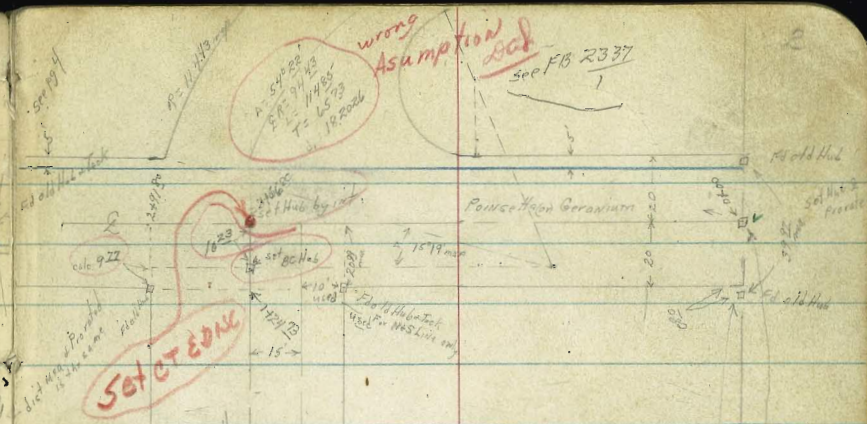
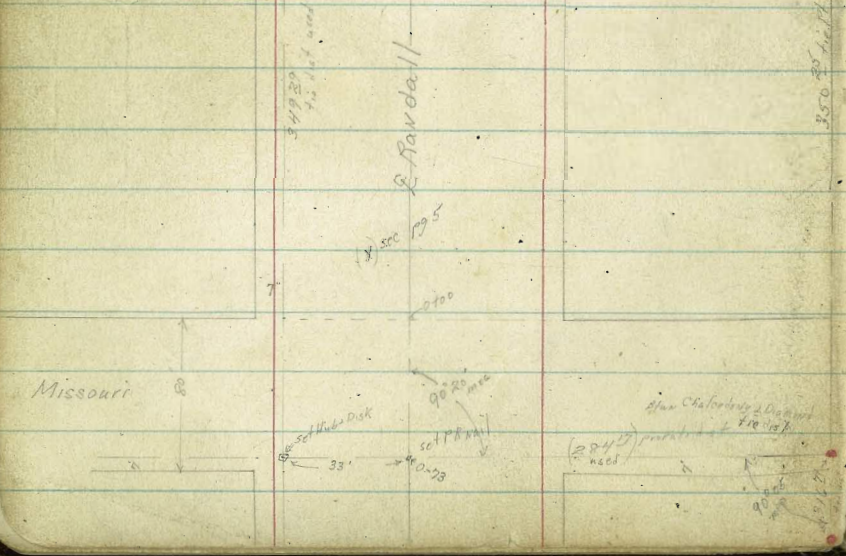
INDEXED
MCR
APR
1 1955

cont. bottom R+7

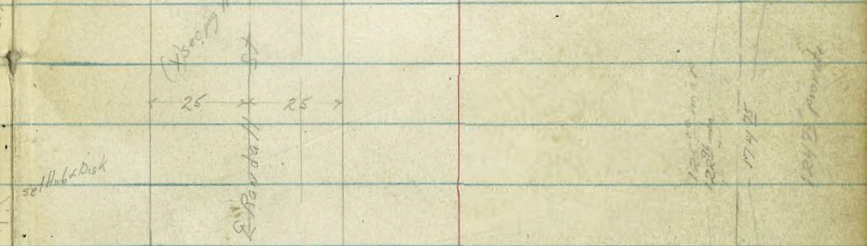
SET C.T. & DISC



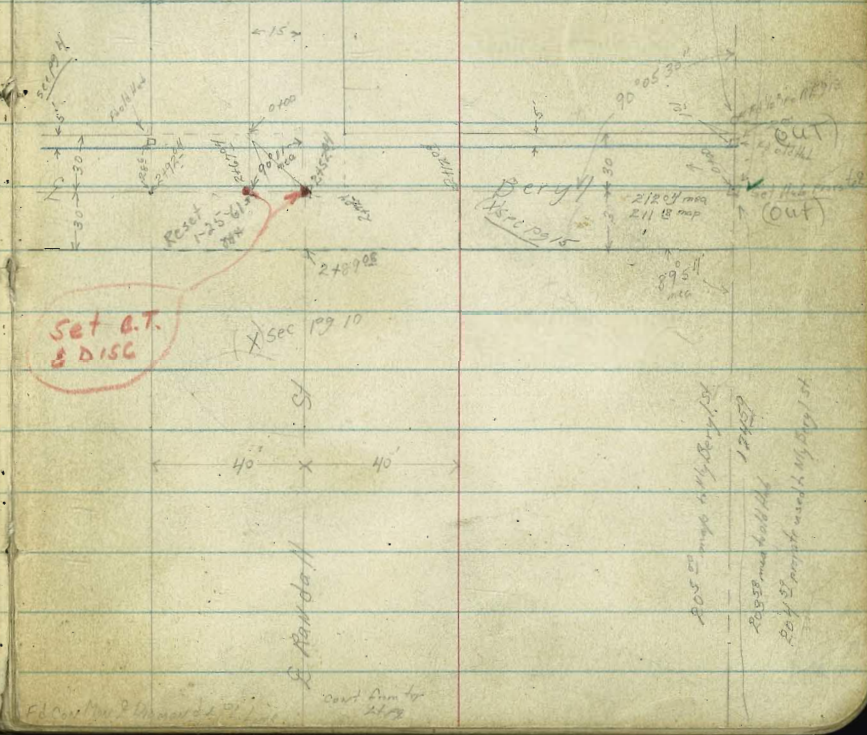
Set C.T. & DISC



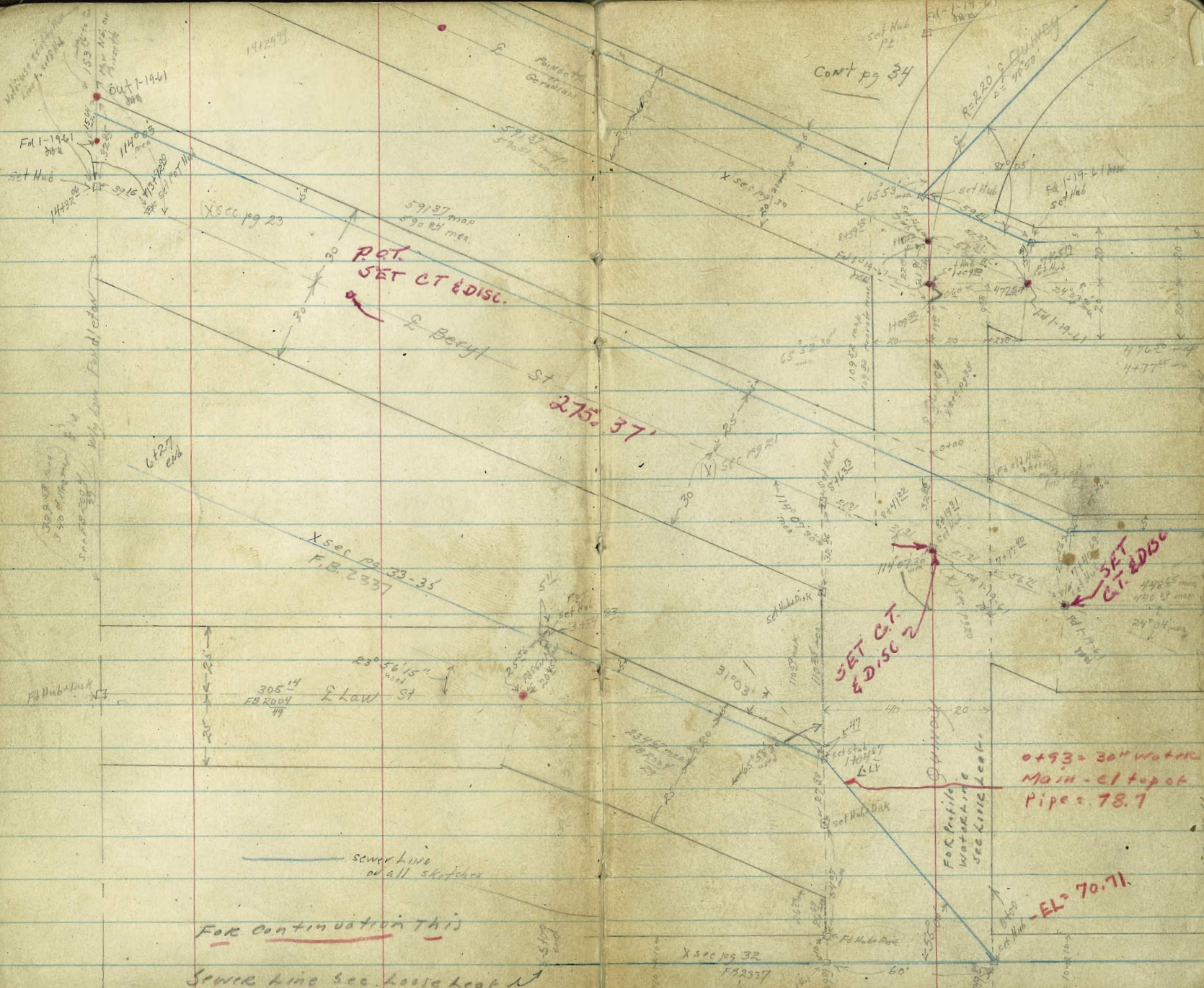
Set C.T. & DISC



Set C.T. & DISC



CONT pg 34



Fork Continuation This
Sewer line See Loose Leaf

0+93 = 30" WATER
 MAIN - EL TOP OF
 PIPE = 78.7

EL = 70.71

See Pg. 66 this book

21437
LJ 194
7243

Geranium or Poinsetta

Beryl ST

X Sec pg 28-32 FB2337

Chalcedony ST

ST

See FB 2164-11
(x sec included)

1475
L. Pt. 37 2150

X Sec pg 67-74
this book

X Sec pg 23-27 FB2337

SET 4XS
ON M.H.
1-8-63

cont.
see pg 65 this book

see pg 5

see pg 2

Hub 207496

Hub 1878006 L. Pt 45° 12' 30"

set Hub 1870936 L. Pt 45° 08'

1674959

90° 02' 30"

37° 27' 30"

set Hub 244930

1212000

set pot. Hub

cont.

see pg 65 this book

5"

5"

5"

5"

10"

10"

4"

4"

X Sec Randall St
Missouri to Geranium
Poinsettia

Lt = Why

♀

Rt = Fly

9

5

0-68 & int Why edge AC Rd

51.7⁵¹₆₀
49.3²⁸₄₀
47.2⁵⁶₂₀
47.01¹⁶₂₀
46.6⁹²_{13 20}
43.5¹⁰⁶₃₀
42.6¹²²₄₀
40.5¹⁴⁸₄₅
38.6¹⁷⁸₅₀
35.20¹⁹⁷₅₀

339 Lt & deadman.
0-80 sly line Missouri

52.9⁶⁰
49.9³⁴₄₀
48.4⁵⁸₂₅
46.2⁵⁶₂₀
41.05⁷²₁₄
41.8⁷⁸₂₀
45.5⁷⁷₂₀
42.6¹⁰⁶₂₅
41.9¹¹³₄₀
41.0¹²³₅₄
38.00¹⁵⁷₆₄

0-90 21⁵ Lt & 8" pole 461424

118 Lt & Fire Hyl
0-99 & int sly edge AC Rd.

54.0¹⁰⁸₆₀
50.7²⁵₄₀
48.2⁵⁰₂₀
45.13⁷⁴₂₀
44.3⁹⁴₂₀
43.3⁹⁶₄₀
43.1⁹⁶₄₄
42.1¹¹¹₆₀

TP₆ 652 53¹⁹ 1172 46⁵⁶

30" x 18" 10" A. o. c. tree
0-130 50 sly / sly line Missouri

55.8²⁶₆₀
52.6⁵⁸₄₀
50.1⁸³₂₀
47.5¹⁰⁹
44.9¹³⁵₂₀
42.9¹⁶³₄₀
40.5¹⁷⁸₆₀

TP₄ BM 925 58⁴⁴ 602 48⁴⁹
ON SW 747
Hub-Disk
Missouri + Randall

TP₂ 367 54⁵⁸ 1278 50²¹

TP₂ 021 63⁶⁹ 1167 63³⁸

TP₁ 022 75⁰⁵ 1320 75⁰³

BM 240 88³³ 85⁹³
SW 747
CON Mon
Randall
Chalcedony

58⁴⁴

Lt = Why

Rt = Fly

7

76.3	42	47.5	to house
76.5	45	47.5	here
76.2	48		
75.4	56		
75.7	8		
78.1	8		
73.0	8		
69.0	30		
66.9	40		
61.6	60		

73.5	76	40	to house
72.7	83	30	here
73.0	80		
73.8	72	13	
73.7	73	11	
69.6	11	8	
64.2	16	20	
57.6	23	40	
53.8	27	60	

2+00

1+75

1+67 37° Rt to SW cor house of housing

77.8 11 27 80 96 0 73 69 69 sub 14° at 450

1+50

69.2	71	60	
69.9	40	40	
69.1	35	35	
69.9	05	18	
69.1	40	16	
63.9	65	15	
60.3	10	15	
56.7	13	25	
54.4	16	40	
52.0	18	60	

1+25

69.38	104	68	AC
68.42	82	52	AC
68.77	165	42	Why AC
68.5	19	40	
67.7	27	22	
68.2	22	19	
60.1	10	10	
53.8	16	25	
52.0	18	40	
50.1	20	60	

1+00

65.4	50	30	
65.28	54	46	Why AC
64.70	52	46	
64.51	32	35	
64.52	52	26	Why AC
58.2	12	8	
56.0	14	14	
53.9	17	8	
51.8	18	20	
50.1	20	40	
49.1	21	50	
47.5	22	60	

0+75

61.9	85	60	
61.50	88	42	Why AC
61.20	82	42	Why AC
60.73	32	40	
61.140	10	24	Why AC
54.6	15	10	
52.9	17	10	
50.7	19	20	
49.5	20	40	
46.2	24	50	
47.6	22	55	
50.2	20	65	

70 42

3429⁴³

TP₉ BM 107³ 96⁶⁶ 3³² 85⁹¹

3409⁴³ E. Chalcedony

2489⁴⁵

2469⁴⁵ S.W. Chalcedony

2450

2425 30° L & 3" tree (Euc)

2420 51⁵ at N.W. house

2405 28° L & 3" Eucalyptus tree

TP₉ 10⁸⁴ 189²³ 257 78³⁹

Lt. Wly

Rt. Ely

8

88.7	88.1	88.5	88.5	87.9	87.5	87.2
80	86	80	80	80	80	80
40	26	15	15	15	15	40

87.2	86.6	86.6	87.0	87.1	87.1	87.0	87.0
80	80	80	80	80	80	80	80
40	30	26	26	26	26	26	26

88.0	86.2	85.0	84.3	85.2	85.8	85.4	85.3	85.3	84.8	86.0
12	32	42	42	40	34	38	39	39	44	50
60	40	36	25	10	10	15	25	40	50	55

82.2	82.0	82.5	83.9	85.0	86.9	85.9	84.8	83.9	80.6	86.0
70	70	67	50	42	23	33	46	58	60	60
60	40	20	20	10	18	30	40	60	60	60

81.0	80.8	80.5	81.3	82.9	85.7	85.3	83.1	80.6	86.0	86.0
82	84	82	72	60	35	32	61	60	60	60
60	40	25	5	10	5	20	40	60	60	60

78.6	78.4	78.5	78.7	81.1	83.6	81.6	75.8	69.7	86.0	86.0
106	108	107	105	85	56	76	13	19	60	60
60	40	32	30	5	3	20	40	60	60	60

TP 89²³

8
48
96

1+24⁵² Sly Alley

1400

0475

0450

TP,

12³⁵

107²⁰

12L

94²⁵

0425

0400 J

=S

3+49⁴³ Nly Chalcedony

Lt=Why

2

ht=Fly

9

103.7	103.5	104.1	104.9	102.8	103.7	102.9	102.6	102.8	101.9	100.5	99.6	98.1	96.4
35 60	32 40	31 25	23 12	47 7	45 7	43 10	46 25	44 25	53 40	62 60	76 60	92 60	108 60
97.2	98.3	98.6	99.9	100.6	100.6	100.9	100.9	100.9	102.0	100.5	99.7	97.8	95.2
10 60	8 40	8 25	11 9	6 10	6 10	6 20	6 21	6 24	52 40	62 40	76 40	92 40	108 40
97.0	96.8	97.0	97.4	98.1	97.9	98.6	97.7	99.7	98.1	97.7	97.7	97.5	96.4
112 60	104 40	102 20	98 20	96 12	93 23	86 25	66 30	66 30	75 40	75 40	75 40	75 40	108 60
93.8	94.3	94.5	94.8	94.9	95.5	95.4	96.0	96.0	97.8	97.8	98.0	98.0	96.4
134 60	129 40	127 25	124 15	123 15	112 12	118 24	112 26	112 26	94 34	94 34	94 34	94 34	108 60
91.5	91.9	92.2	92.6	92.5	92.9	92.5	96.0	96.0	96.0	95.2	95.2	95.2	95.2
52 60	48 40	45 25	41 15	42 15	38 10	42 30	07 34	07 34	07 40	15 60	15 60	15 60	15 60
89.4	89.3	89.9	90.1	90.5	89.8	90.7	92.4	92.9	92.9	92.9	92.9	92.9	92.9
73 40	74 25	68 15	66 15	66 10	62 25	62 35	43 38	43 38	43 38	43 38	43 38	43 38	43 38

T. 96.66

1700

0775

TP4

12¹³

140²⁶

0³³

128¹³

0750

0725

0700 ↑
27 49²⁸

Nly Beryl

RT 19⁰⁸ & Beryl st

TP3 BM

10⁵⁶

128⁴⁶

0⁵⁸

117⁹⁰

2 int H₂O
Beryl
Rendell/Sl₄

L₂Wly

8

RT = Ely

11

132.5⁷⁸
132.6⁴²
133.1²⁸
132.7⁴⁶
132.8⁷⁵
132.9⁹¹
132.9⁷⁴
132.1⁸⁸
132.1⁸¹
132.5⁷⁸

127.2⁷⁸
127.7⁴²
128.6²⁸
129.1¹²
129.3¹¹
129.1¹¹
129.1¹¹
129.4²⁰
129.1¹¹
129.3¹¹

123.8⁴²
125.2²⁸
126.0⁵¹
126.1⁴²
126.0²⁸
126.0²⁸
126.0²⁸
125.3⁴²
125.4³¹
126.7²⁸

118.4¹⁰
119.6⁸
123.5¹⁵
123.6¹⁵
123.3¹⁵
122.7¹⁵
124.5¹⁵

111.6¹¹
113.5¹⁵
119.3¹⁰
120.1⁸
121.0⁷
121.0⁷
120.8⁷
119.9⁸
121.0⁷
121.1⁷

103.2²³
105.7²¹
108.6¹⁹
110.5¹⁸
114.1¹⁴
118.0¹⁰
118.2¹⁰
118.2¹⁰
118.2¹⁰
118.5¹⁰
117.8¹⁰

π 128⁴⁶

Lt = Why

R

Rt = Ely

12

1464⁷³ Nly Geranium or Poinsetta ^{extended} on E. Randall from Sly

140.9	7.8	40
141.7	7.0	25
141.5	7.2	12
141.6	7.1	
141.2	7.5	18
142.7	6.0	25
142.2	6.5	70

1444⁷³ E Geranium or Poinsetta

139.3	9.1	40
139.0	9.2	25
139.1	9.6	12
139.3	9.4	
139.5	9.2	12
139.7	9.0	25
139.5	9.2	40

TP BM 11⁵⁵ 148⁷⁰ 34 137¹⁵

the both on Sta P. p
for Randall
Geranium

1424⁷³ Sly Geranium or Poinsetta

137.0	9.7	25
136.4	9.2	22
136.5	9.8	10
136.5	9.1	
136.8	9.5	15
138.4	9.9	35
138.4	9.1	85

140²⁶

(X) Sec Chalcedony
Randall Ely to Sub Line

Lt = Nly 2 Rt = Sly

13

1+25

71.1
71.8
73.26
76.6
75.8
74.7
75.5
74.6
70.5
71.5
75.5
81.3
81.8
81.8
81.1

TP

0³¹ 81⁸³ 11⁶³ 81⁵²

1+00

83.2
81.6
83.0
79.8
79.7
78.6
79.7
81.5
79.7
81.8
83.9
83.6
82.7

0+75

88.6
87.7
85.4
83.5
83.1
82.7
84.9
85.2
86.9
83.7
83.1
82.6

0+50

90.4
91.5
88.2
86.3
85.9
85.6
85.3
87.0
87.0
88.0
87.5
83.0
82.1

0+25

94.5
93.4
88.3
87.9
87.4
86.9
87.4
87.4
88.6
82.0
82.9
81.2

0+00 Ely Chalcedony (Randall)
see FB 2164-11 for other X sec. Penetration to Randall

92.9
90.3
87.5
87.2
86.6
85.9
86.2
87.0
84.6
82.8

BM

722 9315

85²³ SW 1/4 section
Randall to Chalcedony

93¹⁵

BM starting r313

312 85²³ 85²³

TP₃ 12⁴⁰ 89¹⁰

0²⁰ 76²⁰

2+1268 Sub line

2+10 32^S RT^E 12" Power Pole #P62033

2+00

1+87 32^S RT^E deadman

1+85 55^S Lt to Sly end (outlet) 36" RCP

1+86 45^S Lt to Mly end (inlet) 36" RCP

1+75

TP₂ 6¹³ 76⁹⁰

11³⁶ 70⁴⁷

1+50

Lt-Nly

♀

RT-Sly

14

77.6	71.4	71.9	72.9	75.9	76.9	77.6	71.62	67.9	66.1	64.3	63.5	62.5
70 ²	50 ¹⁰	40 ¹⁰	34 ¹⁰	15 ¹⁰	2 ¹⁰	5 ¹⁰	5 ¹⁰	90	108	126	134	144
60	50	40	34	15	2	5	46	8	16	20	40	60

73.9	71.2	71.7	72.0	72.6	73.9	73.9	67.4	65.6	64.5	63.7	63.3	62.5
30	52	52	49	43	30	30	96	113	124	132	136	144
60	40	38	21	8	5	5	5	20	40	40	60	60

54
53
52

65.47

67.47

943

70.1	69.2	71.1	71.7	71.8	71.3	71.3	66.4	65.1	65.6	65.3	64.8	64.2	65.0
68	72	58	52	51	56	56	105	118	113	116	124	102	92
60	46	40	39	20	10	10	10	16	30	40	48	60	60

76⁹⁰

69.6	69.6	71.1	73.5	73.2	73.4	72.6	68.6	67.3	68.1	71.3	77.7	77.7
12 ²	12 ²	102	83	86	84	92	32	145	132	105	47	47
60	45	40	36	34	20	7	2	30	40	40	60	60

78⁸³

TP₃ BM

10⁴⁹

128⁵⁴

3²⁶

117²⁰

117²⁰ East Hub
Randall Sly
Beryl

2+52⁰⁴ E Randall Sly

2+42⁰⁴ Fly Randall to Nly

2+12⁰⁴ Fly Line Randall Sly

TP₂

12²⁵

121¹⁶

5⁴⁸

108²¹

2+00

1+75

1+50

Lt Sly

Q

Rt Sly

16

✓ 120.2	10	30
✓ 119.6	16	25
119.0	20	15
118.0	20	20
116.9	43	15
115.3	15	30

118.1	7	30
117.4	38	25
115.4	56	18
114.2	72	15
113.4	78	30

117.5	0
117.4	54
115.8	50
112.5	35
112.5	35
111.5	30
110.4	108
109.6	116
107.7	135
106.7	145
104.6	165
105.7	155

115.6	102
115.5	102
114.4	102
112.3	21
110.9	35
110.0	42
108.4	60
106.0	84
104.5	92
104.2	102
104.4	100

113.8	06
112.7	17
110.6	35
109.7	42
107.6	68
104.4	10
100.8	136
99.6	148
99.4	150

112.2	09
112.1	65
111.3	17
110.4	10
108.6	58
107.2	72
104.7	92
102.1	123
99.2	152
96.6	178
95.8	182

114 39

4725

4700

3775

3750

3725

2492⁰⁴ Wly Randall

2467⁰⁴ E Randall Nly

Lt = Sly

125420

177-Nly

17

113.2	111.6	111.7	113.6	112.8	114.7	116.7	119.6
15 ³⁰	16 ²	16 ³⁰	16 ³⁰	15 ²	13 ³⁰	11 ³⁰	8 ²
50	30	15	1	23	25	30	50

116.5	117.9	117.3	116.6	114.7	115.1	118.3	119.8	121.7
12 ³⁰	11 ¹	11 ²	11 ⁹	11 ⁴	13 ²	10 ²	8 ²	6 ³⁰
50	30	25	9	5	20	25	30	5

118.4	119.5	120.0	115.7	115.6	116.5	119.5	122.2	122.7	124.4
10 ⁴	9 ³⁰	8 ⁵	12 ³⁰	12 ⁹	12 ⁹	18 ¹⁸	6 ³⁰	5 ³⁰	4 ¹
50	30	12	5	12	18	21	25	30	50

119.2	120.7	121.5	116.7	116.7	117.5	120.4	124.1	124.5	126.0
10 ³⁰	7 ³⁰	7 ¹⁴	11 ⁶	11 ¹¹	11 ¹⁶	8 ²⁰	4 ²⁵	4 ³⁰	5 ³⁰
50	30	14	6	11	16	20	25	30	30

119.3	120.1	120.7	117.0	117.1	117.7	120.8	123.1	123.4	123.5	124.8
9 ²⁰	8 ⁴	7 ²⁰	11 ¹⁵	11 ¹⁷	10 ⁸	7 ²	5 ⁴	5 ²	5 ⁰	3 ²
50	30	20	18	17	13	17	21	25	30	50

119.1	116.3	117.2	117.9	119.9	119.3	120.6	121.0
12 ³⁰	12 ²⁵	11 ¹³	10 ⁶	10 ²	9 ²	7 ²	7 ⁵
30	25	12	15	25	20	30	30

119.1	116.3	117.2	117.9	119.9	119.3	120.6	121.0
12 ³⁰	12 ²⁵	11 ¹³	10 ⁶	10 ²	9 ²	7 ²	7 ⁵
30	25	12	15	25	20	30	30

128.54

6700

5775

5750

5725

715

5700

4775

4750

T14

357

10825

1134

10518

119

11652

1321

11533

Lt. Sly
110.5
110.3
110.1

104.5
104.5
104.5

104.0
104.5
104.5

Rt. Nly
104.4
105.0
104.4

18

104.2
99.4
103.3
103.3
101.6
99.3

104.1
103.6
103.3
102.8
98.4
92.6

105.0
104.4
104.0
103.4
99.7
90.6

Too Full
Too Full

113.8
112.9
106.0
105.6
105.3
105.0

119.4
116.3
109.6
107.7
107.7
106.6

112.0
116.2
111.7
110.6
109.8
110.5

52

11652

5700 to 5775 Full of Trash
Note ~~5700 to 5725~~ undesirable fill

Lt. Sly

♀

At. Nly

19

7470

110.7	111.2	111.8	113.9	114.0	114.1	114.1	114.5	115.9
52	54	48	22	26	25	25	21	22
50	30	15	10		12	23	30	50

7440 ⁶⁹ L. N4 24° 04' taken on split

110.8	111.0	111.8	112.5	112.6	112.9	112.8	119.1
50	56	48	41	40	32	31	22
50	30	14	15	15	23	30	50

7425

110.9	111.1	111.4	112.3	112.0	112.2	112.5	113.9
52	52	52	43	46	44	47	22
50	80	15	7	13	25	30	50

7400

112.0	112.2	112.1	111.5	108.0	110.9	111.6	111.8	113.6
56	54	45	51	86	52	50	48	31
50	30	10	3	5	25	30	30	50

6775

111.0	111.4	111.2	108.3	106.7	109.3	109.6	114.2	110.3	112.3
56	52	52	83	92	73	70	64	63	40
50	30	16	5	4	2	15	25	30	50

6750

114.9	110.9	110.9	106.9	106.3	107.2	107.1	107.6	108.3	110.7
52	52	52	92	103	94	95	90	81	50
50	30	14	10	4	1	20	25	30	50

6725

110.5	110.6	111.0	106.0	105.5	105.4	105.5	106.0	106.7	109.1
64	60	56	106	114	112	112	106	99	75
50	30	13	5	2	6	20	23	30	50

796

11 ²⁸

116 ⁶⁰

403

104 ⁷²

* 116 ⁶⁰

Lt-Sly

2

Mt-Mly

21

1415.0
1395.5
1375.5
1359.9
1338.7
1317.8
1302.2
1286.2
1275.3

152.52
135.42
135.19
134.89
134.07
134.07

136.0
135.15
134.85
134.85
133.55
132.85
132.55
132.55
133.35
133.25

133.8
132.4
131.9
131.3
130.6
130.2
130.2
129.6
129.0

141.60
128.40
128.00
127.40
126.80
126.80

128.7
127.1
127.1
127.1
127.1
126.8
125.9
125.1
124.6

130.67

11+25

TP₀ 11⁸⁷ 152⁵² 0⁹⁵ 140⁶⁵

11+00

10+75

10+50

TP₉ 11⁷⁸ 141⁶⁰ 0⁸⁵ 129⁸²

10+25

10+00

TP₂ B.M. 12⁷⁷ 130⁶⁷ 8⁵⁰ 117⁶⁸

on No. 6 84193
8 mt. Bery
Quincy, Mly

Lt = Sly
 153.7
 152.5
 152.0
 151.4
 150.1
 148.6
 147.8
 146.8
 145.6
 139.7

Rt = Nly
 152.3
 151.0
 150.7
 149.9
 149.1
 147.5
 146.3
 145.5
 144.8
 143.8
 142.5
 141.8
 141.4
 140.9
 140.3

148.1
 146.7
 146.0
 145.3
 145.0
 144.4
 143.6
 143.0
 142.5
 142.9
 142.5
 141.4
 141.4
 140.4
 137.9

145.7
 145.9
 144.3
 144.2
 143.5
 143.1
 142.5
 141.8
 141.4
 140.4
 139.4
 139.3
 138.9
 137.9

13+50

TR

8⁸¹

158⁸⁹

244

150⁰⁸

12+75

12+56

12+25

12+00

11+75

11+50

152⁵²

Lt = Sly

Rt = Nly

23

T193 BM

115 168⁶⁹x Hub Ceranium
Ely Pendolton

T192

12⁵⁵169⁸⁴

160

157²⁹set stake
to check
into later
on Ceranium14432⁰⁶ Ely Pendolton taken along line of.

1462	17 ²	50
1419	17 ⁰	32 ⁸
1392	17	17
1367	22 ⁰	22 ⁰
1359	23 ⁰	15
1341	24 ⁸	32 ⁸
1317	27 ²	30

14400

1562	22 ⁰	50
1536	22 ⁰	30
1536	22 ⁰	28
1529	22 ⁰	12
1522	22 ⁰	6
1490	22 ⁰	15
1452	22 ⁰	30
1361	22 ⁰	30

13476

1564	22 ⁰	50
1547	22 ⁰	30
1541	22 ⁰	28
1531	22 ⁰	12
1527	22 ⁰	6
1522	22 ⁰	12
1511	22 ⁰	30
1411	22 ⁰	50

13450

1559	30	50
1544	45	30
1538	5	25
1529	6	12
1521	6	6
1509	8	15
1511	7	25
1501	8	30
1426	16	50

13425

1547	42	50
1531	5	30
1526	6	25
1521	6	13
1509	8	8
1499	9	15
1496	9	25
1483	10	30
1412	11	35
1409	18	50

158 89

X Sec Geranium
or Poinsetta

Lt. Sky

♀

At-Nly

24

1400

141.6
137.6
137.1
134.5
134.7
134.8
134.8
134.0
134.0
133.1
130.9
127.8

163
132
120
104
104
93
94
93
94
93
92
85
25

40
25
20
17
10
9
8
15
18
20
40

0725

139.9
136.1
136.1
135.1
133.2
133.1
133.0
132.2
131.6
130.3
126.9

172
138
125
119
111
109
110
110
110
82
82
42

40
22
20
18
8
10
7
15
19
20
40

T. P.₂

1063

14408

156

13345

14408

0750

138.0
133.9
133.6
130.7
130.6
130.5
130.1
128.4
127.5
127.8

102
75
6
42
42
44
44
42
14
11
+30

40
20
18
10
7
14
18
20
40

0725

134.5
129.4
129.3
127.4
127.1
125.9
125.3
121.0
120.9
119.7

153
141
140
92
91
79
79
76
52
56
0

40
20
16
6
9
15
18
20
40

0700 Fly Pl. line

130.5
125.0
124.6
124.1
122.3
118.2
116.2
115.0

202
182
168
12.20
102
102
102
45

40
20
10
of 146
5
12
29
40

TP

679

1350

1292

12822

BM = TP₅
199.12

399

14114

13715

top left SW
map col.
Geranium
Hawdell

13501

Lt. Sky

2

Rt. Nly

25

2+41.80 Fly RANDALL ST. to South

146.4	149.9	142.3	141.1	142.1	140.7	139.3	138.2	136.9
+23	+08			20	34	48	52	72
50	40	30	20	20	10		10	20

2+21

146.6	144.9	142.3	141.1	142.1	140.7	139.3	138.2	136.9
+25	+02			30	38	42	55	72
50	35	30	20	20	10		12	20

2+00

144.9	142.3	139.5	138.9	138.7	138.4	137.9	137.9	136.9
+08		46	52	54	57	62	62	72
40	20	17	10		10	16	10	20

1+75

149.9	140.6	140.0	138.3	137.7	137.3	136.9	135.0	132.8
+08	33	45	58	64	68	72	92	113
40	20	18	15	8	12	16	20	25

1+50

143.1	139.5	138.9	137.1	136.5	136.3	135.2	132.5	129.1
10	46	52	70	76	78	102	116	150
40	20	18	14	8	14	20	22	40

1+25

142.7	138.5	136.2	135.7	135.9	135.3	133.2	132.1	129.1
14	56	79	84	88	88	109	120	150
40	18	14	7	8	14	20	25	40

14408

Lt. Sky

2

RT-Nly

26

4100

132.8	134.6	137.3	137.4	137.9	138.6	138.9	140.8	140.9	142.9
93	75	42	42	42	35	32	13	12	+08
40	24	18	10	8	15	18	20	40	

3+75

133.7	135.8	137.9	138.1	138.5	138.6	139.0	139.7	141.2	143.7
84	63	42	40	36	35	31	29	09	+16
40	25	20	18	9	8	15	18	40	

3+50

133.6	135.7	137.9	138.7	138.9	139.2	139.5	142.3	142.9	144.0
85	69	42	39	38	29	25	+02	+02	+12
40	25	20	18	8	15	18	20	40	

3+20

133.4	135.3	138.1	139.1	139.0	139.4	139.8	142.1	142.1	144.1
87	68	42	31	31	27	23	00	00	+20
40	26	20	18	10	8	15	19	20	40

T.P.3 T.B.M. 286

14209

485

139.23

E RANDALL ST.
GERANIUM

14209

2+9180 W/4 RANDALL ST. to SOUTH

137.1	138.3	138.7	139.6	140.0	140.9	142.4	142.3
70	58	54	45	41	32	17	+18
20	18	10	10	18	20	40	

2+6680 E RANDALL ST. to SOUTH

206⁰³ Rec.

136.3	138.2	139.5	140.8	142.0	143.5	144.5
78	55	46	33	21	06	+04
40	10	10	29	30	40	

14408

5+20

T.P.5

230

1212L

1220

1189L

ONE Stub 5+16

T.P.4

101

1314

1222

12920

5+15 = Fly Rim

5+00

4+75

4+50

4+25

Lt = Sly ♀ Rt = Nly 27.
 110.2 110.7 111.0 111.2 111.4 111.6 113.2
 110 105 102 100 98 96 80
 40 20 10 15 20 40

T 1212L

126.1 126.8 128.3 129.9 131.0 132.8 135.1
 160 153 138 122 111 92 70
 40 20 10 10 20 40

132.1 133.5 134.1 135.5 136.1 136.9 138.9
 100 88 80 66 60 52 32
 40 20 10 10 20 40

132.4 133.9 135.1 135.8 136.3 137.1 139.7
 92 82 70 6 58 50 24
 40 20 10 10 18 20 40

131.8 133.7 135.4 135.5 136.2 137.1 139.5
 103 84 72 66 59 50 26
 40 20 15 10 10 20 40

131.1 133.3 134.6 136.2 136.5 137.3 142.1
 110 88 75 59 56 48 10
 40 25 20 15 10 8 40

T 14209

Lt-Sly

L

RT-Nly

28.

6+40

121.7	124.1	125.5	127.2	128.2	128.7	129.7	132.2
115	95	72	60	50	45	35	10
40	20	10		15	20	20	40

6+30

120.0	122.3	122.7	124.8	126.2	126.7	127.0	127.6
132	109	105	84	70	65	62	56
40	20	10		4	15	20	40

T.P. 12⁶⁵ 133 17 069 120.52

6+15

111.6	115.2	117.7	120.2	120.4	120.5	120.5
96	60	35	10	08	07	07
40	20	10		15	20	40

5+95

104.5	105.9	106.8	107.2	107.9	107.8	110.1
169	153	144	140	138	134	11
40	20	10		15	20	40

5+60

106.0	106.5	106.9	107.2	107.8	107.9	108.8
152	147	143	140	134	132	124
40	20	10		15	20	40

5+34

106.3	107.0	107.2	107.2	107.5	107.6	108.8
149	142	140	140	132	136	124
40	20	10		15	20	40

12121

TP BM 1251 14052 511 128.06 E int Hub
Quincy Ceranium

8417^{ER} E int Ceranium + Quincy taken along line Quincy

7455.61?

7485^{ER} Ely Quincy to South taken along line Quincy

7465¹⁹ * 24° 03' 30" RT taken on split

7450

7485

7400

6470

~ Lt = Sky

126.2	126.3	128.1	129.6	130.1	
7 ⁰	6 ²	5 ¹	3 ⁵	3 ¹	
219	10		152	212	
126.2	126.9 ⁵¹¹	127.5	128.9	129.7	131.7
7 ⁰	6 ⁵¹¹	5 ²	4 ²	3 ⁵	1 ⁵
219	10 ⁵		152	212	50
123.9	123.0	127.0 ²¹	128.6	129.2	131.3
9 ⁴	7 ⁸	10 ²	4 ⁶	4 ⁰	1 ²
40	20 ³	10	15 ³⁴	20 ³	40
123.6	125.2	127.7	129.3	129.8	131.7
9 ⁶	8 ⁰	6 ³	5 ⁵	3 ⁹	1 ⁵
40	20	10	7	15	20
129.2	126.2	128.5	130.8	131.4	133.8
9 ⁰	7 ⁰	4 ¹	3 ²	2 ⁴	1 ³
40	20	8	15	20	40
122.9	126.0	128.5	131.9	132.5	132.9
10 ³	7 ²	4 ⁷	2 ¹	1 ³	0 ²
40	20	10	8	15	20
122.1	125.2	127.6	132.4	132.7	134.9
11 ¹	8 ⁰	5 ⁶	0 ⁸	0 ²	1 ²
40	20	10	15	20	40

π 133 17

Lt Sly

2

Pt-Nly

30

TP4 1205 152 43 08 140 38

9+50

9+25

9+00

8+75

8+50

8+39 43 why Quincy to South taken along here

Quincy

142.1	141.4	137.1	136.4	135.1	134.6
139.9	137.6	135.6	134.0	132.4	132.2
139.0	136.6	134.6	133.1	131.6	130.5
138.0	134.1	134.1	132.1	130.1	128.8
137.1	134.9	132.0	131.1	129.3	128.8
136.4	134.3	132.3	130.4	128.7	127.9
135.0	133.1	131.3	129.6	129.1	127.9
133.4	131.6	129.6	127.2	127.0	128.0
72	73	75	76	78	78
40	40	40	40	40	40

146 57

159.7	158.7	157.2	156.5	155.6	154.9	153.7	153.1	152.0	149.9
72	74	81	89	102	102	102	115	126	142
38	27	20	15	11	11	10	10	20	40
152.2	152.4	152.4	152.4	152.1	152.1	151.0	150.8	149.4	148.1
0	73	73	0	0	0	14	16	18	43
40	40	20	15	15	11	11	10	20	40
150.4	149.7	149.7	149.6	149.1	148.0	147.6	146.8	145.8	144.3
20	20	20	28	33	44	48	48	56	70
40	40	20	15	15	11	11	10	20	40
148.1	147.8	147.8	146.4	146.2	145.8	145.8	145.1	144.1	142.9
43	46	46	6	6	6	6	73	83	90
40	20	20	15	13	13	13	10	20	40
144.9	144.3	144.3	144.3	143.8	143.8	143.0	142.4	141.9	139.4
75	79	79	81	86	86	94	90	91	90
40	40	20	15	13	13	13	10	20	40
142.5	141.8	141.8	141.0	139.8	139.8	139.8	138.4	137.6	136.0
92	96	96	114	122	122	122	130	148	164
40	15	15	13	13	13	13	10	20	40

152.43

11700	779	10775	10750	10725	10700	9775
	1289	16460	072	15171		

Lt Sly

RT = Nly

✓
16862 -0.2
TP₁₂ BM 1923
L Hut & Cerarium
- also Pendleton

TP₁₂ BM 1923

1266

16866

14129²⁴ Ely Pendleton taken along line of P. Pendleton

157.8	123.5	182	183	15.4	12.6	171.3	173.6	176.9
40	22	20	10	10	10	10	22	40

14100

122.4	123.0	125.9	128.7	171.3	173.6	176.9	180.7
186	126	92	126	46	46	0	0
40	20	10	10	10	15	40	40

13475

122.7	128.7	172.2	174.9	176.7	177.5	180.7	184.6
186	126	92	126	46	46	0	0
40	20	10	10	10	15	40	40

13450

121.2	127.7	173.2	174.7	176.5	179.2	181.3	183.2
202	135	82	66	48	22	0	0
50	46	10	10	11	15	15	40

TP₄

631 181³²

174 175⁰¹

on POT Hut
13454²⁴

13425

155.8	169.4	170.4	171.6	173.3	175.1	177.6	180.6
111	72	69	52	51	12	10	10
40	20	15	12	12	12	20	40

13400

147.7	149.3	149.8	170.8	172.6	173.6	174.6	177.1
121	85	72	61	42	32	22	22
40	20	15	10	13	15	30	40

176²⁵

"X" Sec Quincy St
Beryl to Wilbur

0+25 3° 15.3265

C=2498

{ 0+00
1+09²² BC 0° 00'

section taken @ 90° to line

1+09³² Sly Poinsettia or Geranium St taken along line of

0+75

0+50

0+25

0+00 Nly line Beryl St taken along line of

BM+R 12²⁵ 129²³

117⁶⁸

East Hub
Beryl to Quincy
1921

Lt. Wly R Rte. Ely

131.1 ²⁰ 40	128.7 ¹⁸ 20	128.5 ¹⁴ 2	128.5 ¹⁴ 10	128.6 ¹⁰ 10	128.2 ²⁰ 20	128.3 ¹⁶ 40
127.4 ⁴⁰ 40	127.1 ²⁰ 20	128.1 ¹⁸ 12	126.4 ³⁰ 12	126.4 ³⁰ 12	127.3 ²⁰ 17	126.6 ³³ 20
128.1 ¹⁸ 213	128.4 ¹⁷ 17	126.6 ¹⁴ 14	126.3 ³⁶ 14	125.9 ⁴⁰ 14	126.1 ³⁷ 212	126.7 ⁴⁰ 40
125.2 ⁴² 40	125.1 ⁴⁰ 20	125.2¹¹ 11	124.7 ¹³ 13	124.1 ¹⁰ 10	123.7 ²⁰ 20	123.5 ⁴⁰ 40
123.7²⁰ 40	123.2²⁰ 20	123.2²⁰ 20	123.3 ¹⁴ 14	122.8 ⁷¹ 10	122.2 ⁷⁷ 20	121.7 ⁸² 40
123.7 ²⁰ 40	123.2 ²⁰ 20	121.5 ⁸⁴ 10	121.4 ⁸⁵ 8	120.9 ¹⁰ 10	121.3 ¹⁵ 15	120.8 ²⁰ 20
121.6 ⁸³ 30	121.2 ⁸⁶ 219	120.4 ⁸⁵ 15	119.9 ¹⁰ 10	118.5 ¹¹ 12	119.7 ¹⁶ 16	119.0 ²¹¹ 211
						115.3 ¹¹⁰ 30

Note Sec 5 in Red
taken 19-8-2-8-6-8-8-8

129²³

2150. 21° 32.5426'

2147 9° Rt to Sewer L. Lt. Hub

$\Delta = 114^\circ 48' 30''$
 $\frac{1}{2}\Delta = 57^\circ 24' 15''$ made by cut
 $T = 128.25$ med
 $LR = 82.25$ c.c.
 $L = 165.21$
 $d_1 = 20.84743'$

2125 12° 51.3563'

TP4 12⁴³ 174²⁵ 0³⁶ 161⁸²

c = 242°

2100 4° 10.1700'

c = 117°

1788⁰² 21° 29.00' P.P.C.
0° 00' ↓

1781⁵ 5° Rt to E sewer int Hub Gladia + Quincy

c = 130°

1775 22° 47.2855'

TP3 12²⁸ 162¹⁸ 0⁸² 149⁴⁰

Lt = Wly

Rt = Ely

37

169.8 4⁵ 40
168.3 6⁰ 20
167.5 6⁵ 18
165.9 8⁴ 15
166.0 8³ 15
166.5 7⁸ 15
167.7 7⁶ 20
167.0 7³ 22
163.8 10⁵ 26
1630 11³ 40

165.80 8⁴ 20
161.4
167.6 6² 40
166.5 7⁸ 27
164.1 10² 20
1630 12³ 15
161.9 12⁴ 15
161.8 12⁵ 14
162.7 11⁶ 20
159.6 14² 25
158.2 16² 40

174²⁵
174²⁵
171.1 7⁵ 15
157.0 5² 15
157.8 7⁹ 20
154.8 7⁴ 20
154.8 7⁴ 20

150.9 11³ 40
151.7 10⁵ 34
150.2 8⁰ 26
154.4 7⁸ 20
154.6 7⁶ 20
154.8 8⁰ 20
159.3 6⁴ 16
155.8 6⁴ 10
157.9 7³ 12
164.8 12⁶ 40

158.2 4⁰ 40
157.0 5⁰ 30
154.9 7³ 20
153.5 8² 15
153.1 7⁰ 10
152.7 6⁰ 10
152.7 6⁰ 10
152.7 6⁰ 10
153.5 8⁰ 20
152.7 9⁵ 18
151.6 10⁶ 23
150.2 12² 27
149.5 12² 33

162¹⁸

Lt. Swly

2

Rt-NEly

38

4+00

186.1	187.0	188.9	191.9	194.3
7.2	6.3	4.4	1.4	+3.0
40	13	15	20	40

25 Stations per D. Smith

3+75

179.6	181.9	182.4	184.0	186.9	190.8	193.8
13.7	11.4	9.9	9.3	6.4	2.5	+0.5
40	20	11	15	18	20	40

TP BM

12.81

193.27 π 4²²180⁴⁶on R.O. Hub 2
3+53.23193.27 π 3+53²³ R.O. 57° 25' 25"

177.3	179.4	179.8	180.7	180.4	181.5	183.4	186.9	188.1	188.7	191.6
8.4	6.0	5.6	4.7	4.2	3.2	2.0	1.5	+2.2	+3.2	+6.3
40	20	10	9.5	8	8	12	15	16	20	40

C-2¹³

3+25 47° 36' 10.15"

175.1	174.6	174.3	177.0	177.1	178.1	182.9	181.7	181.4
10.5	8.8	9.6	8.4	8.3	7.3	2.5	3.7	4.2
40	20	15	24	8	7	15	20	40

3+00 38° 54' 9.152"

173.2	173.4	173.0	173.9	173.9	174.6	176.0	176.7	176.6
12.2	12.0	12.4	12.0	11.5	10.8	9.4	8.2	8.8
40	20	14	7	11	12	20	24	40

TP

12¹⁰185³⁸0⁹⁷173²⁸ π 185³⁸

2+75 30° 13' 7.289" rail P.O.C.

171.9	171.2	170.2	169.5	169.7	170.1	171.7	168.5
2.4	3.1	4.1	4.8	4.6	4.2	2.6	5.8
40	24	20	14	4.2	4.2	20	40

 π 174²⁵

Lt-sly

2

Rt=My

39

5750

192.8	12.3	40
1969	82	20
200.1	5.0	14
200.1	5.0	14
200.6	4.5	14
201.5	3.6	15
203.5	1.9	20
206.4	+1.3	40

5725

189.9	15.2	40
193.5	11.6	20
197.9	7.7	13
197.7	7.4	13
198.3	6.8	13
199.3	5.8	15
201.4	3.7	20
204.4	0.7	40

5700

187.1	18.0	40
191.1	14.0	20
195.2	9.9	13
195.3	9.8	14
195.9	9.2	15
196.6	8.5	15
199.5	5.6	19
199.6	5.5	20
203.0	2.1	40

T.P.

12.13 20 5.12 ∇ 0.28 192.99

205.12 ∇

4475

184.9	8.4	40
189.1	4.2	20
192.9	0.5	14
193.0	0.3	13
193.8	+0.5	13
194.8	+1.5	15
197.8	+4.5	20
201.1	+7.8	40

4450

182.9	10.4	40
187.0	6.3	20
190.7	2.6	15
190.8	2.5	13
191.8	1.5	13
193.3	0	15
196.3	+3.0	18
196.6	+3.3	20
199.7	+6.4	40

4425

181.8	11.5	40
182.1	7.2	20
187.6	5.7	17
188.3	5.0	11
188.5	4.8	14
189.3	4.0	17
190.8	2.5	15
193.0	0.3	19
193.3	0	20
198.1	+4.8	40

193.27 ∇

193.27 ∇

47

48

49

50

7+00

207.4	9.7	40
207.7	7.4	20
212.1	5.0	15
212.3	4.8	15
212.1	5.0	15
214.6	2.5	20
219.9	12.8	40

6+75

205.5	11.6	40
208.6	8.5	20
210.3	6.8	15
210.3	6.8	14
210.8	6.3	15
211.9	5.2	20
213.3	3.8	20
214.2	0.0	40

6+50

203.5	13.6	40
207.1	10.0	20
209.1	8.0	16
208.8	8.3	14
209.2	7.9	14
210.7	6.4	15
212.0	5.1	20
214.5	2.6	40

6+25

200.6	16.5	40
204.7	12.4	20
207.1	10.0	15
207.0	10.1	14
207.3	9.8	14
208.5	8.6	15
210.2	6.8	19
210.6	6.5	20
213.5	3.6	40

T.P.

12.22 217.14 0.20 204.92

217.14

4+00

198.3	6.8	40
202.8	2.3	20
205.1	0.0	15
205.0	0.1	13
205.0	0.1	15
206.0	0.7	15
208.2	1.1	20
211.1	1.6	40

5+75

195.0	10.1	40
196.7	8.4	30
197.7	5.4	20
202.8	2.3	14
202.6	2.5	13
203.2	1.9	13
204.2	0.9	15
205.8	1.5	18
206.1	1.0	20
209.1	1.0	40

205.12

205.12

8+25

8+00

T.P. 4.24 221.05 π 0.33 216.81

7+75

7+50

7+36
7+36

7+25

217.14 π

Lt

R

R

41

216.1 ✓
215.4
213.5 7.6 5.7 5.0
211.9 9.2 7.6 5.7 5.0
209.4 4.0 3.0 2.0 1.6

217.9 32.2
216.9 4.2
216.4 ✓
215.9 5.8 4.7
213.5 7.6 5.8 4.7
210.6 14.5 7.6 5.8 4.7
4.0 2.0 1.5 1.0

221.05 π

219.8 +2.7
217.3 +0.8
216.6 0.5
216.1 1.0
215.5 1.6
212.7 4.4
209.9 7.2
4.0 2.0 1.3 1.0 0.5 0.2 0.2

219.3 2.2
216.4 0.7
215.7 1.4
215.1 2.0
214.1 3.0
212.0 5.1
209.1 8.0
4.0 2.0 1.5 1.4 0.7 2.2

219.7 +2.6
217.2 +0.1
214.9 2.2
214.4 2.7
214.3 2.8
211.8 5.3
208.3 8.8
4.0 2.0 1.5 2.7 2.2 0.1 2.6

219.4 +2.3
216.5 0.6
214.0 3.1
213.8 3.3
213.6 3.5
211.2 5.9
208.3 8.8
4.0 2.0 1.5 3.3 0.6 2.3

217.14 π

check

9.14 168.67 = 168.69

on Q Hub Geranium and Fly Line Pendleton

See page 23

T.P. 2.10 177.81 12.97 175.71

T.P. 1.16 188.68 11.70 187.52 = on Q Hub Gladiola (6+74.08) and Fly Line Pendleton

T.P. 1.37 199.22 13.19 197.85 = on Q Hub Wilbur and Fly Line Pendleton

(0+00)

T.P. 0.37 211.04 10.38 210.67

8+75

211.5	213.74	214.5	215.1
96	74	66	60
40	20	18	

8+42.99 Q Quincy & Fly Line Wilbur

210.8	213.6	215.2	215.51
103	75	59	5.84
40	20	17	on Hub

221.05X

221.05X

Levels on Wilbur Street
Pendleton Ely

1+25

Lt	℄	Re
219.87	214.7	211.7
2.4	7.5	10.5
50	25	50

1+00

218.7	213.2	211.5
3.5	9.0	10.7
50	8	50

0+75

215.7	211.9	210.4
6.5	10.3	11.8
50	8	50

0+50

213.2	210.7	206.7
9.0	12.4	15.5
50	22	50

T.P.

12.28 22 216.7 102 209.88

222.16

0+28

209.1	207.5	203.0
1.8	2.9	7.9
50	25	50

0+00 Ely Line Pendleton

199.2	197.8	193.8
11.7	13.1	17.1
50	25	50

BM

210.90

13.05 197.85

See Page 42

210.90

2+75

2+50

2+25

T.P. 778 228.08K 186 220.30

2+00

1+75

1+50

222.16K

Lt

Q

R

44

226.7	224.7	223.9	223.0	222.2	215.5	220.2	220.8
14	34	42	51	59	66	7.9	7.3
50	25	13	10		10	23	25

225.7	224.2	223.2	222.2	221.6		220.6	219.1
24	39	48	59	65		7.5	9.0
50	25	11	8			10	25

224.7	223.3	222.8	220.7	220.2	219.7	218.2
34	48	52	74	79	8.4	9.9
50	25	12	8		10	25

228.08K

223.5	221.7	221.1	219.1	218.8		217.0	216.3
13	05	11	31	34		5.2	4.0
50	25	10	6			25	

221.1	219.8	218.8	217.6	217.2	216.1	215.8	213.8
11	24	34	46	50	6.1	6.6	8.4
50	25	9	6		25	46	50
220.3	219.0	218.2	216.1	215.9	215.1	215.2	213.4
19	32	40	6.1	6.3	7.1	7.0	8.8
50	25	9	6		25	35	4.1
							10.1
							50

222.16K

Lt.

L

Rt.

45

4+00

227.9	225.6	223.9	223.4	222.2	220.7	219.6	216.1
0.2	2.5	4.2	4.7	5.9	7.4	8.5	12.0
50	25	14	11	12	25	50	

3+75

227.5	225.2	223.8	222.3	221.3	220.2	216.8
0.6	2.9	4.3	4.8	5.8	7.9	11.3
50	25	14	11	25	50	

3+50

227.6	224.5	223.9	223.5	222.5	219.9	217.0
0.5	3.6	4.2	4.6	5.6	8.2	11.1
50	25	14	12	25	50	

3+25

227.5	225.1	224.5	223.6	222.7	221.2	217.4
0.6	3.0	3.6	4.5	5.4	6.9	10.7
50	25	13	10	18	25	50

3+00

227.0	225.1	223.4	223.4	222.7	221.6	220.3	217.4
1.1	3.0	4.7	5.4	6.5	6.9	7.8	10.7
50	25	10	17	25	35	50	

2+85

226.6	224.8	224.0	223.3	222.5	221.1	220.8	219.2
1.5	3.3	4.1	4.8	5.6	7.0	7.3	8.9
50	25	13	10	19	22	25	40

228.087

228.087

5+50

5+25

T.P.

5+00

4+75

4+50

4+25

228.08π

Rock opposite
* End Sewer.

2.92 223.24π 7.76 220.32

219.7	220.1	219.4	219.0	218.5	218.0	214.0
3.5	3.1	3.8	4.2	4.7	5.2	9.2
11	14	10	21	25	25	50

220.0	220.6	219.4	219.1	218.4	217.5	214.0
3.2	2.8	3.6	4.1	4.8	5.7	9.2
12	14	11	22	25	25	50

223.24π

220.6	220.1	219.3	218.1	214.1
7.5	8.0	8.8	10.0	14.0
12	10	10	25	50

221.5	220.8	220.0	218.7	214.5
6.6	7.3	8.1	9.4	13.6
12	10	25	25	50

222.7	221.7	220.5	218.9	215.1
5.4	6.4	7.6	9.2	13.0
11	10	25	25	50

223.1	222.1	219.5	218.8	216.5
5.0	6.0	8.6	9.3	11.6
12	18	25	25	50

228.08π

Smith

L.

L.

200.0
11.0
50

7+00

198.8	12.2	50
199.1	11.9	28
200.5	10.5	25
203.4	7.6	
201.6	9.4	16
202.1	8.9	18
201.4	9.6	25
201.3	9.7	42
202.5	8.5	45

204.0

206.2

204.3

205.0

205.6

205.5

206.3

207.0

207.4

207.4

6+75

204.0	7.0	50
206.2	4.9	25
204.3	4.7	23
205.0	6.0	20
205.6	5.4	10
205.5	5.5	
206.3	4.7	15
207.0	4.3	17
207.4	4.0	25
207.4	3.6	50

T.P. = 0.82 211.04π 13.02 210.22

211.04π

206.9

210.2

210.3

210.2

210.2

211.2

212.2

211.9

212.2

6+50

206.9	16.3	50
210.2	13.0	25
210.3	12.9	20
210.2	13.0	10
210.2	13.0	
211.2	12.0	14
212.2	11.0	16
211.9	11.3	25
212.2	11.0	50

211.7

214.4

214.7

214.7

214.9

215.3

214.6

214.6

6+25

211.7	11.5	50
214.4	8.9	25
214.7	8.5	10
214.7	8.5	
214.9	8.3	13
215.3	7.9	15
214.6	6.8	25
214.6	6.8	50

213.8

217.1

217.9

217.9

218.1

218.3

217.8

217.4

6+00

213.8	9.4	50
217.1	6.1	25
217.9	5.4	10
217.9	5.3	
218.1	5.1	12
218.3	4.9	14
217.8	5.4	25
217.4	6.8	50

214.3

217.7

218.4

218.9

219.1

219.4

219.0

218.2

5+75

214.3	8.9	50
217.7	5.5	25
218.4	4.8	22
218.9	4.3	10
219.1	4.1	
219.4	3.8	11
219.0	4.2	25
218.2	5.0	50

223.24π

223.24π

Lt

E

Rt

48

T.P.

6.06 180.75 = 180.46

on E Hub 3153.23 Quincy See Page 38

T.P.

1.27 186.51 13.09 185.24

= on top bath near L in sewer line 116.75' So. of So. Line Wilbur.

T.P.

0.47 198.33 13.18 197.86

Mercy Goodness! But it goes down from here!

7+16

Edge of Canyon

211.04

191.0	194.8	195.2	197.7	196.3	194.8	193.9
200	162	158	13.3	147	162	171
50	25	13		8	25	50

211.04

Levels on Gladiola
Quincy to Pendleton

Lt

ℓ

Rt 49

1+25

149.5	151.6	154.9	158.3	159.2	160.3	161.7	163.3	163.9	169.4
168	44.7	11.4	8.0	7.1	6.0	4.6	3.0	2.4	+3.1
40	35	20	12		13	15	18	20	40

1+00

147.3	150.3	154.3	157.2	157.2	158.3	159.5	161.5	167.0
190	16.0	12.0	9.1	9.1	8.0	6.8	4.8	+0.7
40	29	20	13	11	14	15	20	40

0+75

145.5	148.5	153.5	156.4	156.4	157.1	160.0	165.0
20.8	17.8	12.8	9.9	11.5	9.2	6.3	1.3
40	30	20	12	6	14	15	20

0+50

145.7	147.7	151.7	155.3	155.3	155.0	158.3	166.3
20.6	18.6	14.6	11.0	12.8	11.3	8.0	0.0
40	30	20	13	5	14	15	20

0+25

142.8	146.7	149.5	149.6	151.9	154.8	157.5	163.8
23.5	19.6	16.8	16.7	14.4	11.5	8.7	2.5
40	28	20	18		15	20	40

0+00 ℓ Gladiola and Semi-tangent Quincy

147.6	151.1	153.3	154.2	158.4
18.7	15.6	13.0	12.1	7.9
20		15	20	40

B.M

12.18 166.33A

154.15 on ℓ. Hub

1+82.02 P.R.C. Quincy

166.33A

T.P. 12.10 202.87 ∇ 0.06 190.77

4+25

4+00

3+75

3+50

3+25

T.P. 12.10 190.83 ∇ 0.05 178.78

3+00

178.78 ∇

181.4	185.2	185.6	188.0	189.1	190.0	191.3	192.8	193.0	197.8
9.4	5.6	5.2	2.8	1.7	0.8	+0.5	+2.0	+2.2	+7.0
40	20	18	14	13	13	15	18	20	40

186.1	184.0	185.7	186.9	188.0	189.3	190.3	190.9	195.5
10.7	6.8	5.1	3.9	2.8	1.5	0.5	+0.1	+4.7
40	20	15	13	13	15	18	20	40

178.5	181.2	183.8	184.8	185.5	186.6	188.1	188.6	192.7
12.3	9.6	7.0	6.0	5.3	4.2	2.7	2.2	+1.9
40	20	14	13	13	15	18	20	40

176.0	179.4	181.6	182.5	183.2	184.4	185.9	186.5	190.3
14.8	11.4	9.2	8.3	7.6	6.4	4.9	4.7	0.5
40	20	14	13	13	15	18	20	40

173.8	177.0	179.2	180.1	180.9	182.0	184.2	188.1
17.0	13.8	11.6	10.7	9.9	8.8	6.0	2.7
40	20	14	13	13	15	20	40

171.0	174.5	175.6	176.8	177.6	178.2	179.2	180.7	181.7	185.4
7.8	4.3	3.8	2.0	1.2	0.6	+0.4	+1.9	+2.3	+6.6
40	20	17	14	13	13	15	18	20	40

178.78 ∇

6+00

5+75

5+50

5+25

5+00

4+75

4+50

202.87 T

Lt

1994.5
8.4
40

1980.0
7.9
20

1994.0
3.5
20

2003.0
2.6
13

2018.0
1.1
15

2029.0
0
17

2035.5
+0.6
20

2059.0
+3.0
40

1994.2
8.7
40

1973.0
5.6
20

1977.0
5.2
18

1983.0
4.6
16

1991.0
3.8
20

1997.0
3.0
13

2015.0
1.4
15

2024.0
0
20

2049.0
+2.0
40

192.5
10.4
40

195.5
7.4
20

196.1
6.8
17

197.1
5.8
14

1980.0
4.9
20

1988.0
4.1
12

1998.0
3.1
15

2004.0
2.5
20

2021.0
0
40

190.5
12.4
40

193.6
9.3
20

1940.0
8.9
17

1957.0
7.2
14

1966.0
6.3
20

1976.0
5.3
13

1985.0
4.1
15

1992.0
3.7
16

2026.0
0.3
40

188.8
14.1
40

191.8
11.1
20

1924.0
10.5
17

1938.0
9.1
14

1947.0
8.2
20

1958.0
7.1
12

1972.0
5.7
15

1981.0
4.8
17

1988.0
4.1
20

2022.0
0.7
40

186.3
16.6
40

1997.0
13.2
20

1903.0
12.6
17

1919.0
11.0
13

1930.0
9.9
20

1941.0
8.8
13

1954.0
7.5
15

1964.0
6.5
18

1970.0
5.9
20

2010.0
1.9
40

184.2
18.7
40

187.7
15.2
20

1882.0
14.7
17

1899.0
13.0
14

1913.0
11.6
20

1921.0
10.8
12

1938.0
9.1
15

1954.0
7.5
20

1993.0
3.6
40

202.87 T

Lt.

E

Rt. 53

check

10.94 187.53 = 187.52

See page 42

6+74.08 Section taken on line of Pendleton

183.9	185.8	187.6	189.7	193.6
14.6	12.7	10.9	8.8	4.9
40	21.9		21.2	40

6+74.08 Ely line of Pendleton

180.5	183.5	187.6	191.6	192.7	197.0
18.0	15.0	10.9	6.9	5.8	1.5
40	20		15	20	40

T.P. 7.88 198.47K 12.28 190.59

198.47K

6+42

190.7	193.3	194.0	197.3	198.2	196.8	197.1	200.7
12.2	9.6	8.9	5.6	4.7	6.1	5.8	2.2
40	20	13		10	15	20	40

6+25

189.9	190.6	194.3	195.1	197.9	199.3	200.5	201.9	203.5
13.0	12.3	8.6	7.8	5.0	3.6	2.4	1.0	+1.6
40	34	27	20		12	15	29	40

202.87K

202.87K

Levels on Randall Street

Geranium to Lorky

1+25 1° 41.1633'

T.P. 13.06 162.43 ∇ 2.10 149.37 on $\&$ P.R.C. Hub

0+96.75 $\left\{ \begin{array}{l} 0^\circ 00.0' \\ -34^\circ 43.500' \text{ P.R.C.} \end{array} \right.$

0+75 26° 55.0725'

0+50 17° 56.7150'

0+25 8° 58.3575'

S = $\&$ Sewer

0+00 $\left\{ \begin{array}{l} 0^\circ 00.0' \\ \text{B.C. Randall } \pm 2' \text{ ahead (W) } \& \text{ Geranium} \end{array} \right.$

BM 12.24 151.47 ∇ 3.08 139.23 on $\&$ Hub Geranium $\&$ Randall see page 26

BM $\frac{12.24}{12.24}$ 5.16 142.31 137.5 to top Lot 4 Survey Co. Randall & Geranium

Lt	$\&$	Rt	54
155.4	150.1	148.9	146.2
7.0	11.7	13.0	16.2
40	14	12	40
153.8	150.7	149.4	
8.6	11.7	13.0	
25	14	16	
152.6	150.7	148.9	
9.8	11.7	13.0	
20	14	20	
152.1	150.1	148.9	
10.3	11.7	13.0	
17	14	20	
152.6	150.7	148.9	
9.8	11.7	13.0	
20	14	20	
152.1	150.1	148.9	
10.3	11.7	13.0	
17	14	20	
154.3	149.6	148.0	145.5
+2.8	1.9	2.6	.60
40	10.3	17	40
152.8	148.3	143.2	
+1.3	3.2	4.3	8.3
40	13.3	20	50
151.8	147.2	143.2	140.8
0	4.3	4.7	
20	13.3	20	50
150.7	145.8	143.2	140.8
0.8	5.7	7.3	10.7
12	12.7	20	50
148.9	144.8	143.2	
2.6	6.7	8.3	
7	12.7	30	
148.9	144.8	143.2	
2.6	6.7	8.3	
7	12.7	30	
146.6	142.7	139.7	
4.9	8.8	11.8	
5.7	8.8	11.8	
146.0	141.9	139.7	
5.5	8.8	11.8	
40	8.8	25	50
144.8	140.0	139.7	
6.7	11.5	12.1	
16	35	50	
144.8	140.0	139.7	
6.7	11.5	12.1	
16	35	50	
143.2	139.7	139.7	
8.3	11.8	11.8	
7	11.8	11.8	
143.2	139.7	139.7	
8.3	11.8	11.8	
7	11.8	11.8	

$\Delta = 69^\circ 27.0'$
 $\frac{1}{2} = 34^\circ 43.5'$
 $CR = 79.82'$ Calc.
 $T = 55.32'$
 $L = 96.75'$
 $d_1 = 21.5343'$

chd. = 24.90 for 25' Arc

Lt

E

Rt 355

2+75 10° 38.3109'

163.9	161.3	160.0	159.6	158.6	157.8	156.5	153.6	152.3
+15	11	24	28	38	46	57	88	101
40	20	19	14.5	16	20	31	40	
			S					

2±68 Approximate E Aster

2+50 9° 08.7863'

160.6	159.1	158.5	157.2	156.3	154.9	152.7	151.3
18	33	39	52	61	70	97	111
40	20	14.7	15	20	30	40	
		S					

2+25 7° 39.2617'

$\Delta = 29^{\circ} 29.0'$
 $A_2 = 14^{\circ} 44.5'$
 $QR = 480.00'$
 $T = 126.30'$
 $L = 247.00'$
 $d_1 = 3.580985'$
 $chd. = 25' \text{ for } 25' Arc$

160.2	157.8	156.8	155.9	154.3	152.0	150.2
22	46	56	65	81	104	122
40	20	14.1	20	28	40	
		S				

2+00 6° 09.7371'

159.4	156.2	155.2	154.5	153.5	153.2	150.5	149.2
3.0	6.2	7.2	7.9	8.9	9.2	11.9	13.2
40	20	12.5	18	20	31	40	
		S					

1+75 4° 40.2125'

157.2	154.9	153.7	153.4	152.2	151.2	148.3
5.2	7.5	8.7	9.0	10.2	11.2	14.1
40	20	18	8.4	17	20	40
		S				

1+50 3° 10.6877'

156.4	154.7	153.0	151.9	151.9	151.7	150.3	147.3
6.0	7.7	9.4	10.5	10.5	10.7	12.1	15.1
40	24	20	4.3	14	20	40	
		S					

162.43 K

162.43 K

Lt

E

Rt 50

0+25

166.5	165.2	165.5	163.4	161.0	156.1
7.7	8.7	8.7	10.8	13.2	18.1
50	20	6	30	50	

13

0+00 $\frac{E \text{ used} = \text{subdivision line}}{\text{Between Aster \& Wilbur (See sketch)}}$

164.8	164.2	162.8	162.6	163.0	162.6	160.6	158.5	154.6	149.4
9.4	10.0	11.4	11.6	11.2	11.6	13.6	15.7	19.6	24.8
50	44	42	30	20	5		16	30	50

15

T.P. BM 3.93 174.23 \times 1.79 170.30 (Just south of Wilbur, stub 32' Lt of Sta. 0+56) 174.23 \times

3+43.75 14° 44.500' E.C. (Section taken radially.)

168.1	165.4	163.9	163.8	163.8	159.0	155.8
4.0	6.7	8.2	8.3	8.3	13.1	16.3
40	20	17	6.2	15	20	40

3+25 13° 37.3601'

167.9	164.5	162.8	162.1	162.1	159.9	154.7
5.2	7.6	9.3	10.0	10.0	14.0	17.4
40	20	16	9.5	16	20	40

3+00 12° 07.8355'

165.3	162.9	161.3	161.0	159.9	157.3	153.4
6.8	9.2	10.8	11.1	12.2	14.8	18.7
40	20	17	12.5	15	20	40

T.P. BM 10.67 172.09 \times 1.01 161.42 = on stub 21' Lt. of 2+75 E (close to N.W. Prop. Cor. Aster & Randall)

162.43 \times

T.P. 12.96 199.58 $\bar{\kappa}$ 0.22 186.62

1+50

189.2	187.1	185.4	185.2	185.4	184.9	183.4	180.5	178.4
+2.4	+0.3	1.4	1.6	1.4	1.9	3.4	6.3	8.4
50	30	26	20	1		3	30	50

1+25

183.9	182.2	180.1	180.5	180.1	179.4	178.8	176.1	174.8
2.9	4.6	6.1	6.3	6.7	7.4	8.0	10.7	12.0
50	30	26	20	2		2	30	50

1+07 Approximate $\bar{\kappa}$ Wilbur

1+00

178.0	176.5	175.8	175.7	173.9	171.7	170.4
8.8	10.3	11.0	11.1	12.9	15.1	16.4
50	30	20		5	30	50

T.P. 12.78 186.84 $\bar{\kappa}$ 0.17 174.06

0+75

174.1	172.6	172.0	171.8	172.7	169.6	167.7	166.4
0.1	1.6	2.2	2.4	1.5	4.6	6.5	7.8
50	30	26	20		7	30	50

0+50

169.8	168.9	168.0	168.1	168.9	166.3	164.8	161.2
4.4	5.3	6.2	6.1	5.3	7.9	9.4	13.0
50	30	27	20		6	30	50

174.23 $\bar{\kappa}$

174.23 $\bar{\kappa}$

Lt

$\bar{\kappa}$

Rt 57

Lt

E

Rt 58

NW Corner LaFrance & Randall.

T.P. 8M 12.33 224.86 $\bar{\Delta}$ 0.11 212.53 (Stub. 33' left of Sta. 2+75)

2+75

216.4	212.4	212.3	210.8	210.7	210.7	207.6	204.5	200.4
+38	0.2	0.3	18	1.9	1.9	5.0	8.1	12.2
50	30	29	26	20		6	30	50

14

2+50 Approximate E La France

209.8	206.8	205.9	206.2	206.2	206.2	203.7	199.7	195.7
2.8	5.8	6.7	6.7	6.7	6.7	8.9	12.9	16.9
50	30	20				2	7	30

15

2+25

205.0	203.0	201.2	201.3	201.3	201.1	197.9	194.6	191.8
7.6	9.6	11.4	11.3	11.3	11.5	14.7	18.0	20.8
50	30	20			1	7	30	50

14

T.P. 13.21 212.64 $\bar{\Delta}$ 0.15 199.43212.64 $\bar{\Delta}$

2+00

200.4	198.2	196.0	196.0	195.7	192.9	190.0	187.2
+0.8	1.4	3.6	3.6	3.9	6.7	9.6	12.4
50	30	26	20		7	30	50

12

1+75

195.3	192.7	191.0	190.9	190.6	190.5	187.9	184.6	183.5
4.3	6.9	8.6	8.7	9.0	9.1	11.7	15.0	16.1
50	30	26	20	1		5	30	50

11

199.58 $\bar{\Delta}$ 199.58 $\bar{\Delta}$

Lt

R

Rt

59

3+84

233.7	224.8	229.8	231.0	221.3	219.9	216.6
34	8.3	8.3	7.1	16.8	18.2	21.5
40	23	20		20	28	40

3+71.57

(Section at Rt to forward tangent)

251.9	227.5	227.9	226.2	220.1	219.8	214.5
62	16.6	10.2	8.8	11.9	18.0	23.6
40	26	20	5	16	20	40

3+71.57 L Left (Section at Rt to back tangent)

235.6	230.7	229.1	228.8	229.4	226.2	209.8
2.5	7.4	9.0	9.3	8.7	11.9	18.5
50	30	27	20	5	16	30

T.P. 13.24 238.07 π 0.03 224.83238.07 π

3+50

232.9	228.4	228.1	224.9	224.7	225.9	221.8	216.7	213.5	208.6
+8.0	+3.5	+3.2	0	0.2	+1.0	3.1	8.2	11.4	16.3
50	30	28	25	20	6	10	30	50	

3+25

227.7	223.6	223.1	220.4	220.2	220.4	217.3	215.1	211.1	206.4
+2.8	1.3	1.8	4.5	4.7	4.5	7.6	9.8	13.8	18.5
50	30	28	25	20	6	3	30	50	

3+00

222.3	218.0	217.5	215.4	215.5	215.6	214.1	211.7	207.8	203.2
2.6	6.9	7.4	9.5	9.4	9.3	10.8	13.2	17.1	21.7
50	50	28	26	20	3	4	30	50	

224.86 π 224.86 π

Levels on Loring St.
Randall West

1+75

T.P. 11.27 274.40 ∇ 0.21 263.13

1+60

1+37.43 Opposite S.W. Corner Randall & Loring

1+15.37 Opposite E. Randall

0+93.31 Opposite S.E. Corner Randall & Loring

0+00 East Line of Floral Terrace

T.P. 0.64 263.34 ∇ 0.96 262.70
CWS

263.66 ∇

Lt.	E	Rt	62
265.7	266.23	264.6	264.6
8.7	8.2	9.8	9.8
60	14	40	60
266.3		264.5	
8.1		9.9	
38		30	
266.3		264.6	
8.1		9.8	
35		40	
264.5			
9.9			
16			
264.9			
9.5			
12			
266.8			
7.6			
12			

274.40 ∇

263.0	264.1	262.1	262.7	260.7	261.5	260.7
0.3	1.2	0.6	0.6	2.6	1.8	2.6
60	34	18	15	21	40	60
263.0	264.1	262.1	262.7	260.7	261.5	260.7
0.3	1.2	0.6	0.6	2.6	1.8	2.6
60	34	18	15	21	40	60
264.0	264.8	263.3	262.7	260.1	261.1	260.7
0.7	1.5	0.7	0.7	2.2	1.8	2.6
8	11	8	8	21	40	60
264.0	264.8	263.3	262.7	260.1	261.1	260.7
0.7	1.5	0.7	0.7	2.2	1.8	2.6
8	11	8	8	21	40	60

257.4	260.0	257.8	259.7	260.1	257.3	258.6	256.5	256.0
3.9	3.3	3.5	3.6	3.2	6.0	4.7	6.8	7.3
60	40	36	20	10		25	40	60
257.4	260.0	257.8	259.7	260.1	257.3	258.6	256.5	256.0
3.9	3.3	3.5	3.6	3.2	6.0	4.7	6.8	7.3
60	40	36	20	10		25	40	60

252.9	255.2	256.5	255.9	252.8	252.0	251.9	250.7	250.3
10.4	8.1	6.8	7.4	10.5	11.3	11.4	12.6	13.0
60	40	30	9		12	27	40	6
252.9	255.2	256.5	255.9	252.8	252.0	251.9	250.7	250.3
10.4	8.1	6.8	7.4	10.5	11.3	11.4	12.6	13.0
60	40	30	9		12	27	40	6

250.8	250.2	249.7	246.1	245.8	245.1	244.3	244.0
12.5	13.1	13.6	17.2	17.5	18.2	19.0	19.3
60	40	20	7		20	40	60
250.8	250.2	249.7	246.1	245.8	245.1	244.3	244.0
12.5	13.1	13.6	17.2	17.5	18.2	19.0	19.3
60	40	20	7		20	40	60

263.34 ∇

on S.T. in conc. men. S.W. Corner Pl. 1787

3+32.79 Opposite E La Marque

3+11.04 Opposite S.E. Corner La Marque & Loring

3+00

2+75

2+50

2+25

2+00

27440X

Lt

261.0	262.4	264.0	265.1	266.2	267.8	268.5	269.0	270.0	271.0
13.4	12.0	10.4	9.3	8.2	6.6	6.4	5.4	3.4	3.4
60	40	23				20	40	60	
261.4	262.3	263.8	265.1	266.2	267.8	269.4	270.7	272.4	
13.0	12.1	10.6	9.3	8.2	6.6	5.0	3.7	2.0	
60	46	40	24	20		20	40	60	
263.1	264.7	265.5	266.1	267.2	268.6	270.1	271.5	273.2	
11.3	9.7	8.9	8.3	7.2	5.8	4.3	2.6	1.2	
60	43	40	22	20		20	40	60	
265.7	267.1	268.5	269.2	270.8	271.5	272.0	272.9	274.3	
8.7	7.3	6.4	4.2	2.4	1.5	1.5	1.0	0.7	
60	40	20				20	40	60	
267.8	269.0	268.6	269.2	270.8	271.5	272.7	273.1	273.7	
6.6	5.4	5.8	5.2	3.6	2.9	1.7	1.3	0.7	
60	40	37	18	15		20	40	60	
269.7	270.6	269.1	269.2	271.2	271.3	271.6	271.5	271.7	
4.7	3.8	3.6	5.3	5.2	3.1	2.8	3.1	2.7	
60	40	38	36	17		20	40	60	
269.5	269.3	267.3	267.7	267.4	269.4	269.5	268.4	268.7	
4.9	5.1	7.1	6.7	5.0	5.0	4.9	6.3	5.7	
60	40	35	16	12		20	40	60	

27440X

Lt

L

Rt 64

check

1.50 263.59 = 263.45

old hub S.E. Corner La Marque & Loring see FB 2103 pg 5

Heavens to betry, but it goes down down from here.

4+00

250.2	254.3	256.6	257.3	259.1	259.9	264.0
14.9	10.8	8.5	7.8	6.0	5.2	1.1
60	40	20		20	40	60

T.P.

305 265.09 π 12.36 262.04

onHub

 π 265.09 π
 La Marque & So. Line Loring

3+75

257.3	260.0	261.2	263.2	264.7	266.4	267.9
17.1	14.4	13.2	11.2	9.7	8.0	6.5
60	40	20		20	40	60

3+54.54

Opposite S.W. Corner La Marque & Loring

259.8	262.0	262.8	265.0	266.2	266.7	269.5
14.6	12.4	11.6	9.4	8.2	6.7	4.9
60	40	20		20	40	60

274.40 π 274.40 π

D. Smith
D. Chipman
R. Taylor
C. Stephens

see pg. 1, 2, 3, 4 this Book
see pg. 1, 2 FB 2337
see pg. 11 FB 2164

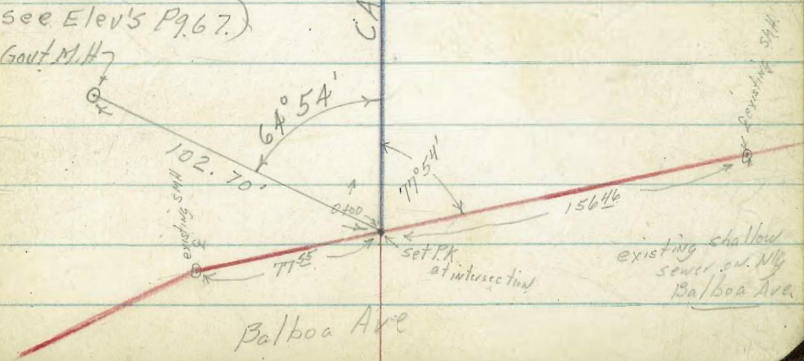
cont. pg 4
this book
set Hub
10709
L.R. 11' 31"

Sly 7' Line
Missouri

see pg 2

PK set
2nd
Sly 7' Line
Missouri

(see Elev's Pg. 67.)
Gout. M.H.



(X) sec, pg

CALLE BAEVE

set PK val @ R. & H. & PAK.
67.05 40
L.R. 49° 01' 30"

AVENIDA ALTAIRA

set Hub
10709
L.R. 11' 31"

set Hub
10709
L.R. 11' 31"

PK set
2nd
Sly 7' Line
Missouri

(see Elev's Pg. 67.)
Gout. M.H.

67.

CALLE BAEVE

Balboa Ave

set PK at intersection

existing shallow
sewer on N.W.
Balboa Ave.

set PK at intersection

Hub
set up
end

Sec pg 34 this book
tir detail

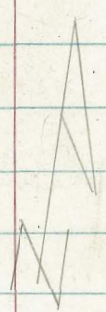
Lot 19

set up
11783
Lot 16
Lot 15
Lot 30 11'

(X) Sec pg 75

set Hub at Foot of vertical Bank
25140
end

Sewer Lines Blk 7
Floral Terrace



50°53'

set Hub
227807

(X) pg 73

set Hub
214976

(X) Sec FB2337
pg 20

Cont pg FB2337

Geranium St

set Hub
204496

cont pg 4
this book

X" Sec Outfall Sewer Floral Terrace
Balboa Ave Nly
Sketch Pg 65

Lt. Wly Base Line Rt. Fly 67

0+66 6" RT 8 Fire Hyd.

0+70

0+44 7" RT 8 5' along line by 4' wide storm drain Box inlet
2.24' CIP. inlet 24' CIP.

0+32 25" RT 8 24" CIP. outlet into drainage ditch

0+25

0+00

46454' Lt. of for Tan.

0+00 = Tie & Elev. of Govt M.H.
(see sketch Pg. 65)

BM	522	1247		
TP ₄	255	1889		
TP ₃	062	2863	1229	16.34
TP ₂	201	3823	1026	2801
TP ₁	057	4906	1280	3626

BM TP₄ on 1995

480 SW 7x7 Hub & Sink
Missouri & Randall

12.69	13.31	5.51	5.51	5.51
10	5.58	5.54	5.53	5.53
		2.5	10	
		Expn.		
8.71	13.14	5.51	5.51	5.51
10.28	13.39	5.50	5.50	5.50
70	5.75	5.50	5.50	5.50
10	70	7	10	
	Grate	Expn.		
13.629	12.59	13.3	13.3	13.3
10	6.27	5.51	5.51	5.51
	7	8	10	
		Expn.		
12.97	12.86	13.12	13.12	13.12
5.72	6.03	6.06	5.77	5.77
10	10	10	17	10
		Expn.	Expn.	
				6.21
				11.60
				10 rim
				156.44
				OH SMH.

13.41
5.48
rim
77.55
OH SMH.

1410 5.71 direct Elev Rod
102.7 102.7
54.817 Inv. Elev.

11-18-89

Lt-Wly Base Line Rt-ELY

TP₆ 843 3843 023 3000

5750 29.68 29.19 29.30 29.8 29.4 27.37
0.57 0.54 0 14 18 20.6
10 5 E.pav. 7 10 11.5 top ditch

5725 28.92 29.11 28.28 27.8 27.6 26.72
1.2 1.2 1.2 2.4 2.6 3.5
10 5 7 10 13 top ditch

5700 28.08 28.34 27.6 27.2 27.6 26.08 27.73
1.0 1.9 2.6 3.1 3.6 4.0 7.50
10 5 E.pav. 6 10 11 top ditch 17.2 E ditch

4775 27.38 27.61 26.9 26.4 25.39
1.0 1.5 3.3 3.8 4.8
10 5 7 7.5 top ditch

4750 26.54 26.77 26.8 25.8 24.81
3.2 3.4 3.2 4.4 5.4
10 5 6 5.5 top ditch

4725 25.7 25.93 25.4 25.3 24.23
4.5 4.20 4.8 4.2 6.0
10 5 E.pav. 4 7.5 top ditch

T 20 23

At-S.Wly Base Line Rt-N.Ely 69

6775 32.86 33.15 33.28 33.6
5.57 5.28 5.28 4.8
10 10 E.pav. 10

6750 32.58 32.8 33.1
5.55 5.6 5.2
10 10 E.pav. 10

6733 31.91 32.27 32.62
6.52 6.6 5.8
10 10 E.pav. 10

6719 31.45 31.64 32.10
6.28 6.29 6.18
10 10 E.pav. 10

6713 End Ext 60' Culvert
49° 01' 30" L.Lt
4.4 on split
31.33 21.9 32.0 31.9
7.0 6.8 6.4 6.5
10 10 E.pav. 10
FL Rise 7.10
10.24 Full Top
25.28
13.15
24° E ditch
90° top ditch

6700 31.25 31.72 31.6 31.5 31.1
7.8 6.7 6.8 6.2 7.3
10 10 E.pav. 5 10

5775 30.54 30.70 30.5 30.3 29.9
7.8 7.7 7.2 8.1 8.5
10 10 E.pav. 5 10

T 3843

Lt-Swly Base Rt=NEly

36.40
36.54
36.83
10 189
48
Epar.

36.1
10 12

35.63
35.77
35.86
10 280
R⁶⁶
4
Epar.

35.7
10 227

34.83
32.03
360
620
394
461
Top
Ditch

8425

8400

7480

7475

7450

7425

7400

6490 End 60" Culvert

6480 65' at to SWly edge 5' clump Eucalyptus

38 43

Lt-Swly Base Rt=NEly 70

35.74
35.88
36.1
37
39
34
10 82
82
Epar.

36.9
66
10

42.23
42.37
42.5
42.8
40
40
10 78
5
Epar.

42.5
70
10

41.45
41.50
41.55
41.6
62
58
38
10 70
3
Epar.

41.9
7.6
7.8
10

41.86
74
74.8
10 62
Epar.

42.05
41.6
72
85
41.0
40 10

40.23
40.36
40.7
92.4
91
53
10 88
Epar.

40.4
120
285
Top
Ditch
37.5
15
35.67
35.2
35.3
35.4
35.5
35.6
35.7
35.8
35.9
36.0
36.1
36.2
36.3
36.4
36.5
36.6
36.7
36.8
36.9
37.0
37.1
37.2
37.3
37.4
37.5
37.6
37.7
37.8
37.9
38.0
38.1
38.2
38.3
38.4
38.5
38.6
38.7
38.8
38.9
39.0
39.1
39.2
39.3
39.4
39.5
39.6
39.7
39.8
39.9
40.0

9482

9475

9450

9425

9400

8475

TP9

8450

11 4947

02 3836

37.44
37.60
37.75
02.9
02.3
05
10 58
Epar.

37.8
06
10

38 43

Lt-SWly Base
Lini RT-NEly

10+75

527
65 10 133 145
10 7

10+60

417 306
75 86 112 152
10 7

10+48 22 L. RT 11'31"

502 507 507
859 85 85 90 103 113 104
11 10 5 6 10

10+47 End Pipe

TP 5.1 PM 1967

1068 5917 100 4847 4847 -0.22

10+34

6696 4901 4895
051 046 052
10 10 10

10+09

97.71 4824
128 126 123
10 10

10+00

4689 4695 47.2 47.4
258 252 23 24
10 10 10

9+99 Begin 60" pipe

4637 4647 46.7 46.5 46.8
36 300 28 52 62 428
10 8 6 10

4947

Lt-SWly Base
Lini RT-NEly

71

12+50

593 579 555 594
48 62 83 92
10 6 10

12+25

604 576 587 575
32 45 54 66
10 6 10

12+00

602 591 582 571
32 50 52 70
10 6 10

11+75

594 579 563 550
42 62 78 94
10 7 10

TP 9

567 6410 074 5843

11+50

409 464 546 529 505
23 28 46 68 82
10 4 4 10

11+25

556 546 522 510 496
36 44 70 82 96
10 7 2 10

11+00

535 528 511 479
52 64 81 113
10 6 10

5917

Lt=Swly Base Line RT=NEly

Lt=Wly Base Line RT=ELY

71

14425

59.1
50
10
58.3
48
10
59.5
46
10

16400

71.7
20
10
68.7
50
10
70.7
30
10

14400

58.4
57
10
58.7
57
10
58.2
59
10

15475

70.2
20
10
68.4
50
10
69.3
64
10

13475

59.7
44
10
58.7
54
8
57.5
66
10
57.1
70
10

15450

69.2
45
10
67.1
60
10
66.5
72
10

13450

59.3
38
10
59.9
48
8
58.9
52
10
57.9
62
5
56.7
74
10

15425

67.5
62
10
66.7
65
5
66.1
76
10
66.5
76
10

13425

58.1
60
10
57.5
66
8
56.7
74
10
56.4
72
6
55.7
82
10

15400

63.7
10
10
62.6
11
10
62.9
10
10

13400

56.4
77
10
55.8
83
8
55.4
82
10
55.1
90
6
54.6
95
10

1. At 37°27'30" on split
14475° 4 int chalcology

61.0
12
10
60.9
12
10
60.9
12
10

12475

57.3
68
10
56
74
6
55.3
88
10
53.8
103
10

TP₁₀

1283 7371

14450

59.6
45
10
60.5
37
10
60.4
37
10

322 60 88
on Hub
14475°
E chalcology
+ Base line

T 64.0

64.0

Lt. Wly Base Line Rt = Ely

17+50

0¹⁵ 76.6
10
8⁰⁰ 90.3
10
12⁰⁰ 84.6
10

17+25

12⁰⁰ 92.9
10
9⁰⁰ 87.4
10
14⁰⁰ 82.9
10

TP12

11⁰⁰ 97.08

0⁵⁷ 85.28

17+00

13⁰⁰ 88.9
10
12⁰⁰ 83.4
10
7⁰⁰ 76.2
10

16+75

0⁰⁰ 85.9
10
5⁰⁰ 83.5
10
7⁰⁰ 79.9
10
10⁰⁰ 75.8
10
10⁰⁰ 75.2
10

16+49.51 Base line NTE Alky

11⁰⁰ 81.9
10
11⁰⁰ 81.9
10

TP11

12⁰⁶ 85.85

0⁸² 72.89

16+25

0⁰⁰ 73.5
10
2⁰⁰ 71.2
10
3⁰⁰ 70.7
10

11 73.71

72

Lt. Wly Base Line Rt = Ely

19+25

103.9
5⁰⁰ 101.9
10
7⁰⁰ 101.3
10
7⁰⁰ 101.0
10

19+00

107.2
17
10
8⁰⁰ 100.4
10
8⁰⁰ 100.2
2
9⁰⁰ 99.3
10

18+80.06 on split L. Rt 45° 12' 30"

104.7
4⁰⁰ 103.68
10
5⁰⁰ 103.19
10
5⁰⁰ 103.19
6
6⁰⁰ 102.9
10

18+50

↑
undesirable Bill area

103.5
5⁰⁰ 103.16
10
5⁰⁰ 103.11
10

TP3

11⁰⁰ 108.91

0⁰⁷ 97.01

18+09.36 on split L. Rt 45° 08"

91.13
5⁰⁰ 88.57
10
8⁰⁰ 88.9
10
7⁰⁰ 87.5
10

18+00

94.1
3⁰⁰ 89.2
10
7⁰⁰ 86.1
10

17+75

97.6
10
10.5
10
91.0
6
10.4
10
86.7
10

11 97.08

21100

Lt-Wly Base RT-ELY
 7¹⁰ 1208 3¹⁰ 1165 1131
 10 10 10

20775

2¹⁰ 1169 7¹⁰ 1122 9¹⁰ 1102
 10 10 10

20450

6¹⁰ 1130 12¹⁰ 1078 11¹⁰ 1082
 10 10 10

TP44

12⁵⁶ 1119⁸² 165 107⁸² ^{on Hub} 204496

1113 1068 1067 1074
 12¹⁰ 3¹⁰ 2¹⁰ 15¹⁰

20425

1075 1056 1054 1053
 19¹⁰ 33¹⁰ 3¹⁰ 5¹⁰ 3¹⁰ 6¹⁰

20400

1055 1042 1043
 3¹⁰ 4¹⁰ 4¹⁰ 4¹⁰

19775

1031 1021 1024
 3¹⁰ 6¹⁰ 6¹⁰ 10¹⁰

19750

10891

Lt-Wly

0700 why
 78
 22+8097

22450

Base RT-ELY
 6¹⁰ 1258 8¹⁰ 12287 9¹⁰ 12216
 10 10 10
 8¹⁰ 1257 10¹⁰ 12118 11¹⁰ 12019
 10 10 10

22425

4¹⁰ 1215 8¹⁰ 12315 11¹⁰ 12016
 10 10 10

22700

4¹⁰ 1223 9¹⁰ 12219 13¹⁰ 11812
 10 10 10

21775

4¹⁰ 1271 9¹⁰ 12218 12¹⁰ 1198
 10 10 10

214976 ^{on split} L. RT 15 "12'30"

7¹⁰ 1246 11¹⁰ 12042 16¹⁰ 11516
 10 10 10

TP15

1272 1131⁸⁵ 1069 119¹³

21425

7¹⁰ 1200 9¹⁰ 1147 8¹⁰ 1116 8¹⁰ 11112
 10 10 7 10

119⁸²

73

Lt. Wly Base Line Mt. Ely

Lt. Wly Base Line

Mt. Ely

74

TP₁₉ = TP₁₆

924 130⁸¹

TP₁₄

107

140⁰⁵

13²⁸ 138²⁸

TP₁₆

1327 144⁰⁸

124 130⁸¹

correct ✓
2424
1324

25740 end

too bank on Ely side anyway

1449
199⁸¹
72 227
10 on 11.6

23400

1311.5
04 05
10 7 5
12 130.2
28 129.1
30 128.9
18 130.1

25720

1433
20 5-
147.2
20 150.1
8 1/2
1 bank

23796

130.0
1/2 bank

25700

140.9
11 1/4 6 8
10 10
1455
12 150.9

23775

129.7
22 23 25 45 47
10 4 5 wash 10
129.6
129.4
127.4
127.0

TP₁₇

983 152²⁶

165 142⁴³

23750

52 128.2
10 4
127.5
42 127.2
10

24775

133.2
102 105 75 5- 120
14 10 7 10
wash bank
133.6
136.6
139.0
146.1

23725

127.4
45 54 61 62 125.8
10 8 10 60 125.0

24750

131.0 133.1
123 110 100 62 137.4
10 7 3 10
wash
142.5

23700

125.7
63 72 78 83 123.6
10 6 10

24725

131.1 130.4
130 132 122 131.4 134.1 135.4
10 6 wash 5 10 82

131⁸⁵

144⁰⁸

Lt. Swly Base Line RT = NELY
 Sewer Wly (B/K 7)

TP₁₉ 12³⁵ π 174³¹ 0⁴⁷ 161⁹⁶

1400 0.1617
 0.2 4.2 6.2
 10 10

0475 1507
 112 135 154
 10 10 10

TP₁₈ 12⁷¹ π 162⁴³ 0²² 149⁷²

0450 142.9
 7.0 8.6 11.6
 10 10 10

TP₁₇ 11²⁸ π 149⁹⁴ 0⁸⁵ 137⁹⁶

0425 133.5
 5.3 7.0 7.9 11.2
 10 4 10

0400 "y" to sewer Wly B/K 7
 =5 124.1
 142.15 123.2 123.0
 10 10 10

22480²² outfall

TP₁₆ 0974 8⁰⁰ π 138⁸¹ 130⁸¹

Lt. Swly Base Line RT = NELY 75

2450 2008
 92 87 75
 10 10 10

TP₂₂ 12²² π 210⁴⁷ 0¹⁶ 198²⁵

2425 195.1
 3.3 2.6 2.0
 10 10 10

2400 191.0
 7.4 7.5 7.5
 10 10 10

TP₂₁ = TP₁₉ 48 13¹³ π 198⁴⁴ 154 185²⁸

1477⁸³ on split L. Lt 30" 185.1 183.51
 12 3.31 22
 10 avstul 10

1450 176.9
 9.2 8.2 14.5
 10 10 10

TP₂₀ 12²⁶ π 186⁸² 0²⁵ 174⁰⁶

1425 166.7
 7.6 8.0 9.1
 10 10 10

π 174³¹

Lt. Swly Base Line Rt. NEly

TP BM on rock sta 5720 w. 1/2 hr St
log 46 this book

180 220³⁵ 220³⁵ 1003

4705⁰⁴ END

239
8⁵ 6⁸ 5⁵
10 0⁵ 10
54.6

3775

212.6 213.6 214.4
9⁵ 8⁵ 7⁵
10 10 10

3750

211.1 211.8 213.4
11⁴ 10² 8⁵
10 10 10

TP 23

11⁷⁸ π 222¹⁵ 0¹⁰ 210³⁷

3725

208.8 210.2 211.7
12 0³ 11²
10 10

3700

207.1 208.2 208.8
3² 2³ 12
10 10

2775

203.9 204.8 205.5
6⁵ 5⁷ 5¹⁰
10 10

π 210⁴⁷

INDEXED

TIES TO WATER MAIN CALLE BREVE &

AVENIDA ALTURA

W.O. 32067

Sta

Lt.

Rt

72° Rt. on for part.

6+00

& on Line Ely

P.I. Waterline

5+74

4.0

5+00

4.0

4+00

4.0

3+00

4.0

2+00

4.0

1+00

1.0

0+66⁵

7.2 F.Hyd

0+50

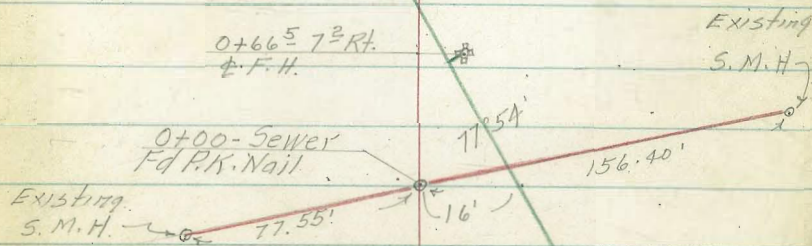
4.0'

0+00

16.0'

Existing
Water Line

Sewer Baseline
(see Pg. 65)



6+05.40 - Sewer
Fd. P.K. Nail

6+00 ±
Line Crosses
Sewer

5+74 = P.I.

7-28-55

Stamp
Huffman
Taylor
Blunt

(17)

TIES TO WATER MAIN

