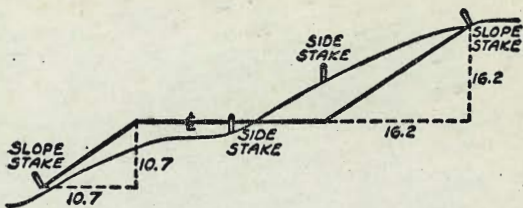


G-359



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.

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DIRECTIONS FOR USE OF TABLES

TABLE No. XIV

Distance of slope stake from side of roadway
 stake for any width roadway, slope 1% to 4%
 If ground is nearly level, the cut or fill

IMPROVED TABLES
 AND
 INFORMATION

TABLE No. VIII

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

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50

Distance
 ground is
 column a
 side stake
 side stake
 cut or fill
 If it does

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	.977	1.07	1.18	1.29
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

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45 Wly

45 Nly

2+40 324⁸² ^{33⁵⁶}
C-8⁷⁴

2+10 324²¹ ^{31⁸²}
C-7⁷¹

1+80 323⁵⁹ ^{31⁰⁰}
C-7⁴¹

1+50 322⁹² ^{30⁸⁸}
C-7²¹

1+20 322³⁵ ^{30³³}
C-7⁹⁸

0+90 321⁷⁴ ^{29⁸⁴}
C-8¹⁰

0+60 321¹² ^{28⁹⁴}
C-7⁸²

0+30 320⁵⁰ ^{27⁸⁷}
C-7³⁷

0+00 M.H.#10 319⁸⁸ ^{25⁸⁴}
C-5⁹⁶

1+20 332⁸⁵ ^{42³⁵}
C-9⁵⁰

0+90 331⁵⁸ ^{41²⁷}
C-9⁶⁹

0+60 330³¹ ^{39⁰⁰}
C-9³⁹

0+30 329⁰⁴ ^{38¹³}
C-9⁰⁹

0+00 M.H.#14 327²² ^{6³⁶ dia MM}
^{37⁴⁴}
C-9⁶⁷

33.40 ↓

45 Wly ↓
3449⁷⁶ M#12 327⁰⁸ ^{36⁸⁶}
C-9⁷⁸

3+30 326⁶⁸ ^{36⁰⁰}
C-9³²

3+00 326⁰⁶ ^{35⁶⁷}
C-9⁶¹

2+70 325⁴⁴ ^{34⁷¹}
C-9²⁷

ROSECROFT SEWER

D. SMITH
D. CHIPMAN
C. STEFFENSW.O # 32116
Nov, 17, 1955

2

	45 Sly		2+70	330 ⁶²	38 ⁰⁸ C-7 ⁹⁶
0+00 = 3+49 ⁷⁶ M.H. # 12	327 ⁰⁸	C-9 ⁷⁸			
			2+40	329 ⁶⁵	37 ⁴⁵ C-7 ⁸⁰
	45 Nly ↓				
3+48 ⁵⁰ M.H. # 15	342 ⁴²	49 ⁶⁰ C-7 ¹⁸	2+20 M.H. # 13	329 ⁰⁰	27 ⁰⁴ C-8 ⁰⁴
3+30	341 ²³	49 ²² C-7 ⁴⁹	2+10	328 ⁹¹	36 ⁸⁴ C-7 ²³
3+00	340 ⁴²	48 ¹⁵ C-7 ⁶⁸	1+80	328 ⁶⁴	36 ⁴² C-7 ⁷⁸
2+70	339 ²⁰	47 ²⁷ C-8 ¹⁷	1+50	328 ³⁸	36 ²⁵ C-7 ⁸⁷
2+40	337 ⁹³	46 ²⁶ C-8 ³³	1+20	328 ¹²	36 ⁰¹ C-7 ⁸²
2+10	336 ⁶⁶	45 ⁴⁸ C-8 ⁸²	0+90	327 ⁸⁶	35 ²⁹ C-8 ¹³
1+80	335 ³⁹	44 ³⁶ C-8 ⁹⁷	0+60	327 ⁶⁰	36 ⁰¹ C-8 ⁴¹
1+50	334 ¹²	43 ¹³ C-9 ⁰¹	0+30	327 ³⁴	36 ²⁰ C-8 ⁹⁶

				staked 45 sly.	
			432 = M.H. # 11	325 ⁶⁶	3224 C-658
	45 sly.		420	325 ³⁷	3121 C-654
1+50	318 ⁴⁴	2597 C-753			
			3+90	324 ⁶⁷	3115 C-648
1+20	317 ¹⁶	2568 C-852			
			3+60	323 ⁹⁷	3027 C-630
0+90	315 ⁸⁷	2453 C-868			
			3+30	323 ²⁷	2944 C-619
0+60	314 ⁵⁸	2339 C-881			
			3+00	322 ⁵⁷	2868 C-611
0+30	313 ²⁹	2312 C-983			
			2+70	321 ⁸⁷	2813 C-626
0+00 = M.H. # 9	312 ⁰⁹	45 sly 45 sly 2296 2275 C-1024 C-1045			
			2+40	321 ¹⁷	2734 C-612
	45 sly.				
3+40 plug	332 ⁹⁰	4037 C-747	2+10	320 ⁴⁸	2694 C-644
3+30	332 ⁵⁷	3990 C-733	1+845 = M.H. # 10	319 ⁸⁸	
3+00	331 ⁶⁰	3902 C-742	1+80	319 ⁷³	2619 C-646

Stake 45 only

0+60	311 ⁶⁶	25 ²⁶ C-13 ⁶⁰	3+60	310 ⁴⁶	21 ²⁴ C-16 ⁷⁸
0+30	311 ⁷⁸	25 ⁰⁴ C-13 ²⁶	3+30	310 ⁵⁸	22 ⁵³ C-11 ⁹⁵
0+00 SMH #8A	311 ⁹⁰	6 ³⁰ SW dia 25 ¹³ C-13 ²³	3+00	310 ⁷⁰	24 ¹³ C-13 ⁴³
1+65 DE Plug	324 ⁹⁹	Stake 45 only 32 ⁹⁷ C-7 ⁹⁸	2+70	310 ⁸²	26 ¹⁴ C-15 ³²
1+50	323 ⁸⁰	32 ⁵⁹ C-8 ⁷⁹	2+45 ⁸² SMH #8	310 ⁹²	28 ⁹³ C-18 ⁰¹
1+20	321 ⁴²	31 ³⁸ C-9 ⁹⁶	2+10	311 ⁰⁶	27 ²⁸ C-16 ²²
0+90	319 ⁰⁴	29 ²⁷ C-10 ²³	1+80	311 ¹⁸	26 ⁷⁸ C-15 ⁶⁰
0+60	316 ⁶⁶	27 ⁵⁰ C-10 ⁸⁴	1+50	311 ³⁰	26 ⁵³ C-15 ²³
0+30	314 ²⁸	25 ⁵² C-11 ²⁴	1+20	311 ⁴²	26 ⁰³ C-14 ⁶¹
0+00 SMH #8A	311 ²⁰	6 ³⁰ SW dia 25 ¹³ C-13 ²³	0+90	311 ⁵⁴	25 ⁵⁸ C-14 ⁰⁴

Stake 4 1/2 Wly

Stake 4 1/2 Sly

6730	304 ⁸⁷	926 C439	1480	301 ⁴⁰	0579 C-439
			1450	301 ²⁸	0574 C-446
6400	306 ⁰⁰	1122 C522			0570
			1420	301 ¹⁶	C-454
5470	307 ¹³	1171 C458			0567
			0490	301 ⁰⁴	C-463
5440	308 ²⁶	1290 C464			0553
			0460	300 ⁸²	C-461
5410	309 ³⁸	1377 C439			30558
			0430	300 ⁸⁰	C-478
4495 ⁶⁶ SMH#7	309 ⁹²	1418 C426			30584
			0400 Fly =8		5 ⁸³
4480	309 ²⁸	1491 C493	744 ⁶² MH#1	300 ⁶⁸	0515
4450	310 ¹⁰	1646 C636	7420	301 ⁴⁹	666 C517
4420	310 ²²	1778 C456	6490	302 ⁶²	699 C-437
				13	
3490	310 ³⁴	1937 C-903	6460	303 ⁷⁵	815 C-440

4+50	307 ⁶⁸	13 ⁸⁵ C612	7+50	320 ⁸¹	29 ⁹⁶ C915
4+20	306 ⁶⁴	12 ²⁵ C611	7+20	320 ⁴¹	28 ⁶³ C822
3+90	304 ⁶⁰	10 ⁸⁷ C623	6+90 SMH#3	320 ⁰⁰	27 ¹⁶ C716
3+60	303 ⁰⁶	09 ⁵² C646	6+60	318 ⁴⁶	25 ⁵⁸ C712
20					
3+40 SMH#2	302 ⁰⁴	08 ⁷⁷ C673	6+30	316 ²²	24 ⁰¹ C709
10					
3+30	302 ⁰⁰	08 ⁴¹ C641	6+00	315 ³⁸	22 ²⁸ C690
3+00	301 ⁸⁸	07 ⁴² C554	5+70	313 ⁸⁴	20 ³⁰ C644
2+70	301 ⁷⁶	06 ⁷⁷ C501	5+40	312 ³⁰	18 ⁶⁸ C638
2+40	301 ⁶⁴	06 ³⁴ C479	5+10	310 ⁷⁶	17 ⁰⁶ C630
2+10	301 ⁵²	06 ⁰⁰ C448	4+80	309 ²²	15 ⁵⁴ C632

Stake Alley BIK6
Ocean Beach

Blun Froude - Guizot
Niagara - Narragansett

W0#32476
11-28-55

7.

2+20

188²¹ 187²¹

5+00

188⁵²

168²³

2+00

189³² 189⁰²

4+80 BVC

170⁴⁴

170¹⁴

1+80

190³⁷ 190⁰⁷

4+40 EVC

173⁸⁷

173¹⁷

1+60 BVC

191³⁴ 191⁰⁴

4+20

175⁵³

175²³

1+26⁶

192⁹² 192⁶²

4+00

177⁶⁴

176⁷⁵

0+93³

194⁵⁰ 194²⁰

3+80

178⁴⁵

178¹⁵

0+60 EVC

196⁰⁸ 195⁷⁸

3+60 BVC

179⁶³

179³³

0+40

196⁸² 196⁵¹

3+20

0+20

197¹⁴ 196⁷⁸

2+80

19²³ mea

0+00 w/ Guizot

197⁰⁶ 196⁶³

2+40 EVC

187⁰³

186⁷³

1420	323 ¹⁵	stake 46 Wly 3364 C1049	4102	stake 45 Wly 3839 32670 C1169
0490	323 ⁰³	3298 C925	3472	3798 32566 C1232
0460	322 ²¹	3249 C958	3442	3768 32462 C1306
0430	322 ⁷⁹	3123 C914	(19) 3423 SMH #5	6 3/4 dia SW. 3745 32376 C1349
— Plug +30 Nly.	323 ⁸⁷	stake 45 Ely 3067 C680	3400	3716 32387 C1329
to 0100 Sily 8488 SMH #4	322 ⁶⁷	6 3/4 dia SW. 3154 C887	2470	3660 32375 C1285
8470	322 ⁴³	3123 C929	2440	3605 32363 C1242
9440	322 ⁰³	3298 C1095	2410	3546 32351 C1195
8410	321 ⁶²	3174 C1012	1480	3485 32339 C1146
7480	321 ²²	3078 C976	1450	3425 32327 C1098

0+30	324 ⁰⁸	38 ²⁰ C14 ²²		
0+00 = SMH #5	323 ⁹⁶	63 ⁴ dia SW ₂ 37 ⁴⁸ C13 ⁴²		Stake 4 ⁵ S4
		Stake 4 ⁵ S4	2+60 SMH #16	31 ³⁴ 325 ⁰⁰ C6 ³⁴
6+12 SMH #6	333 ⁹⁷	41 ⁰⁰ C7 ⁰³	2+40	32 ¹² 324 ⁹² C7 ²⁰
5+82	332 ⁹³	40 ⁵⁵ C7 ⁶²	2+10	33 ⁴⁴ 324 ⁸⁰ C8 ⁶⁹
5+52	331 ⁸⁹	40 ⁰⁶ C8 ¹⁷	1+80	34 ³⁵ 324 ⁶⁸ C9 ⁶⁷
5+22	330 ⁸⁵	39 ²⁰ C8 ⁸⁵	1+50	35 ⁵³ 324 ⁵⁶ C10 ⁹⁷
4+92	329 ⁸²	39 ³⁹ C9 ⁵⁷	1+20	36 ³⁴ 324 ⁴⁴ C11 ²⁰
4+62	328 ⁷⁸	39 ⁰⁴ C10 ²⁶	0+90	37 ²⁴ 324 ³² C12 ⁸⁹
4+32	327 ⁷⁴	38 ⁷⁴ C11 ⁰⁰	0+60	37 ²¹ 324 ²⁰ C13 ⁷¹

	5° Ref	1 1/2" slope stake	03 grade	Lt.	RT.	03 grade	1 1/2" slope stake	scrip
Δ 93° 38'	-09	263 F169 C 253	342 ⁹⁶	289 F007	109 C001	341 ⁰⁰		
Δ 64° 59'	-08	353 F82 C 130	343 ⁸³	361 F022	130 F017	341 ⁴⁷	402 F13 C 19	00
Δ 36° 22'	-07	411 F36 C 54	344 ⁶²	441 F021	164 F043	342 ⁰²		
Δ 70° 42'	-02	442 F04 C 07	345 ²⁶	515 F011	210 F032	342 ⁶⁷	421 F06 C 09	-08
0000'					228 1/2 F018	342 ⁴⁶		
3+9328					123 05end F032	342 ²⁵		

B.M. 33973
on 50' Rad Pt + Hub

	S. Ref Stake	1 1/2:1 Slope stake 26'	Cb grade	Cb stake		Shoulder grade	1 1/2:1 slope stake 26'	11 Slope stake
5° 01.549 6+75	+03	336 F47 @ 79	338 ¹⁴	820 C006		339 ³⁶	352 F45 @ 62	
2° 38.309 6+50	+1	290 F92 @ 138	338 ⁰⁴			339 ⁰⁶	341 F50 @ 75	+05
C=2762 6+22 ³⁷ EC	H1	231 F142 @ 223	338 ³⁴	830 F004		338 ⁸⁸	333 F56 @ 84	+02
6+00	+09	200 F188 @ 285	338 ⁶⁸	849 F009		338 ⁸²	332 F57 @ 85	00
5+75	+06	166 F228 @ 343	339 ²⁸	876 F032		338 ⁹⁰	331 F58 @ 87	+13
5+65 ⁹³ EC. 74					897 F065	Cb grade 339 ⁶²	F58 @ 87	
5+50	+04	127 F274 @ 413	340 ⁰¹	953 ^{06.11} F048	953 F013	339 ⁶⁶	346 ⁽²³²⁾ F51 @ 76	+08
5+25	00	110 F301 @ 451	341 ⁰⁰	034 F066	003 F007	340 ¹⁰	338 ⁽²⁴⁵⁾ F43 @ 64	+07
2 123° 22' 30" 5+00 ⁹⁴ EC	28	106 F315 @ 472	341 ⁹⁷	152 F045	044 F035	340 ⁷⁹	384 F24 @ 36	+04

	5% R.P. stake	1 1/2% slope stake 24'	Ob grade	Ob stake		Shoulder grade	1 1/2% slope stake	12 5% R.P. stake
28°53.949 9+25			343 ⁶⁵	365 Grade		344 ⁷⁹		
26°30.709 9+00	-0'	3492 C-6 ⁵ C92	343 ¹⁷	318 C00'		344 ⁴⁷	3486 C4' C6L	0'
24°07.469 8+75			342 ⁶³	270 C00'		344 ⁰¹		
21°44.229 8+50 BVC	0'	3478 C56 C84	342 ⁰³	25 C012		343 ⁴⁵	3468 C33 C47	+0'
19°20.989 8+25			341 ⁴¹	154 C013		342 ⁸³		
16°57.749 8+00	+0'	3456 C420 C70	340 ⁷⁹	101 C022		342 ²¹	3462 C40 C60	+0'
14°34.509 7+75			340 ¹⁵	075 C060		341 ⁵⁷		
12°11.269 7+50	+0'	3432 C-35 C52	339 ⁵³	021 C068		340 ⁸⁵	3432 C25 C32	-0'
9°48.029 7+25 EVC			338 ²¹	901 C010		340 ³³		
7+06	-0'	C000					C000 C23	7110 -16
7°24.789 7+00	0'	3372 F08 C15	338 ⁴⁰	830 F010		339 ⁷⁸	3342 F56 C84	-08

	5 th Sta	1 1/2' slope Stake	C6 grade	C6 stake	52 Ely of 1600 4274 3968 - 309	Shoulder grade	1 1/2' slope stake	13 5th stake
11+50	to L	347 ² C-3 ³ C-5 ⁰	345 ⁸³	390 C007	380 F003	3440 ⁵	3462 C26 ⁰ 39	-0 ¹
11+25			344 ²¹	375 F046	396 F025	34443		
11+00	to L	3472 C23 ⁰ 34	344 ⁵¹	453 C003	433 F018	11+83.6 434 ¹ 4033 C312	3472 C24 ⁰ 34	0 ⁰
10+75			344 ⁷¹	502 C031	450 F021	34423		
10+50	0 ⁰	3492 C48 ⁰ 172	344 ⁸³	505 C022	463 F020	3450 ⁵	3481 C33 ⁰ 179	0 ⁰
10+25			344 ⁸⁸	512 C024	479 C011	34510		
10+00	0 ⁰	3501 C55 ⁰ 82	344 ⁷³	478 C025	468 F005	34511	3493 C42 ⁰ 63	-0 ²
9+75			344 ⁴⁶	462 C026	430 F016	34508		
9+68 ⁸² EC	-0 ¹	3501 C62 ⁰ 93	344 ³⁶	454 C018	432 F004	34505	3498 C47 ⁰ 172	-0 ¹
9+50	-0 ¹	31°17.189 3501 C65 ⁰ 91	344 ⁰⁷	409 C002		34501	3502 C50 ⁰ 75	0 ⁰

50' set stake	1 1/2' slope stake	Cb grade	Cb Stake	5° Ely of H ₂ O	Shoulder grade	1 1/2' slope stake	14 50' set stake
14705	0°	346° C107 @16°	33520 346 522 C046 C002		33542	3414 C59 @8°	-08
13780 BVC	+02	346° C-96 @144	33628 C039 C003	53 32 101 32 51 C 2 81	33650	3425 C57 @8°	-02
13750 BVC	0°	347° C-92 @138	33763 754 762 C081 F001	650 33745 @205	33785	3434 C55 @83	-03
13725			33871 878 871 C027 Grade		33893		
13700	+02	3472 C-74 @111	33971 980 957 C029 F004	845 3653 @292	33923	432 C32 @56	-03
12775			34061 088 027 C027 C016		34083		
12750	+02	3464 C-48 @72	34143 153 141 C012 F002	4023 3725 C298	34165	3448 C34 @47	-02
12725			34216 114 210 F002 F006		34238		
12700	+03	3465 C35 @54	34280 287 278 C007 F002	166 3862 C304	34302	3462 C33 @45	-02
11775			34338 328 315 F010 F023		34362		

	5' offset stake	1/2' slope stake	grade	Lt. Ely c-stake		SP Dy y/w/d	off-why shoulder em	1/2 tol slope stake	15. 5' offset stake
16+55	-04	292 ² F36 ⁵ @ 54 ²	328 ⁹⁴	94 ² C046			32912	3292 @29720	
16+30			32920	954 C034		2876 2502 C374	32942		
16+05	00	310 ² F192 @ 296	32953	973 C020			32976	302 @272420	
15+80			32995	003 C008		2910 2577 2451 C259	33017		
15+55	-04	3229 F77 @ 116	33044	923 065 F061 C021			33066	3312 @30420	
15+30			33103	089 087 F064 F066		3088 2688 2840 C288	33125		
15+12	+03	G @ 00			15+35				
15+05	+05	3332 C14 @ 21	33169	238 C069		2751 282	33121	3326 @345420	
14+80			33245	289 257 C054 C012		3213 2827 2955 C-258	33267	G @ 00	14+27 -03
14+55	+03	3427 C92 @ 139	33328	345 337 C040 C009			33350	3382 C47 @70	-09
14+30			33420	464 425 C044 C005		353 3002 3105 C248	33442		

	5' Ref Stake	1/2" Slope Stake	Cs grade	Cs stake		Shoulder grade	1/2" Slope stake	16 5' Ref Stake
19400		518 343.32 C158	327.68	800 C032	750 F018	677 2350 C327	3426 C146 277	+0L
18475	day 1547		327.80	801 C021	782 C002			
18450		518K 339.74 C117	327.93	789 F004	781 F012	681 2358 C306	3404 C-122 183	+0L
18425			328.05	815 C010	813 C008			
18400		518K 328.6 C04	328.18	823 C-005	814 F004	712 2400 C32	3330 C-45 68	+0L
17497	-05	0 0					0 0	17490 +0L
17475			328.30	806 F064	823 F027			
17450	00	3122 F156 234	328.43	852 C009		751 2425 C329	3292 C334 720	
17425			328.55	871 C016				
17400	-02	2968 F320 480	328.68	885 C027		816 2450 C366	3295 C302 720	
16480 ETC.			328.78	909 C031		835 2460 C375		

	5' set stake	1/2" slope stake	Ob grade 21' 20"	C6 stake		5' Ely of H ₂ O	Shoulder Elev 23.2	1/2" slope stake	17' 5" set stake
21+50	+0.2	3056 F20 ² C 313	326 ⁴³	C26 F017		516 2225 C291	326 ⁶⁵	327 ⁴ 37 720	
21+25			326 ⁵⁵	C23 F022 ✓			326 ⁷⁷		
21+00	+0.3	3195 K73 C 109	326 ⁶⁸	C26 F042		554 2250 C304	326 ⁹⁰	327 ⁷ 38 720	
20+75			326 ⁸⁰	718 C26 C038 F04			327 ⁰²		
20+72	+0.1	C 00				591		C 00	+0.4
20+50		518x 33329 C62	326 ⁹³	768 C24 C075 C021		2225 C316	327 ¹⁵	3332 C62 C 90	0.0
20+25	day 10/2/25		327 ⁰⁵	788 C26 C083 F019			327 ²⁷		
20+00		518x 34128 C145	327 ¹⁸	788 C24 C090 F023		624 2300 C324	327 ⁴⁰	3412 C144 C 216	+0.1
19+75			327 ³⁰	787 C24 C067 F011			327 ⁵²		
19+50		518x 34367 C161	327 ⁴³	815 C24 C072 F02		637 2325 C32	327 ⁶⁵	3433 C156 C 234	-0.3
19+25			327 ⁵⁵	815 C24 C060 F012			327 ⁷⁷		

	5' level Stake	1 1/2' level Stake	0.6 grade	0.6 stake	5' Ely 4 H. 0	Shoulder Elev.	1 1/2' level Stake	5' level Stake	18
24700	-06	3174 F149 224	332 ¹⁸	278 C060	3167 28 ²⁰ C367	332 ⁴⁰	G C02	+1°	
23775			330 ⁶⁷	132 C065		330 ⁸⁹			
23750	+1	309L F204 306	329 ³⁷	996 C059	850 2519 C331	329 ⁵⁹			
23725			328 ²⁹	851 C022		328 ⁵¹			
23700	+04	2976 F293 448	327 ¹³	744 C001	663 2325 C338	327 ⁶⁵	328 ⁵⁵ C45 120		
22775			326 ⁷⁹	698 C019		327 ⁰¹			
22750	-03	282L F444 666	326 ³⁷	670 C038	541 2219 C327	326 ⁵⁹	3274 416 120		
22725			326 ⁰¹			326 ²³			
22700 BVC	-01	290L F362 543	326 ¹⁸	621 C003	50 2200 C301	326 ⁴⁰	3272 39 120		
21775			326 ³⁰	64 F019		326 ⁵²			

5 ⁰ Ref Stake	1 1/2:1 Slope Stake	cb stake	cb stake L = Fly	50 Ely of water / man	Shoulder Ely	1 1/2:1 Slope Stake RT = Wly	5 ⁰ 19 Ref Stake
				4570 3838 C732			
				26785			
				4533 3758 C725			
				26145			
end Plot 05 ⁰⁹		340 ⁸³ part only		4172 3658 C514	341 ⁷²	2446 C-28 42	-02
25460		340 ²⁸	cb end 039 C011		340 ⁵⁰		
25445		339 ⁷⁹	988 C009	967 3561 C406	340 ⁰¹	3446 C42 62	-01
25420		338 ⁸²	914 C032		339 ⁰⁴		
24495		337 ²⁰	813 C043	718 3352 C366	337 ⁹²	3432 C52 86	00
24470		336 ⁴⁴	729 C085		336 ⁶⁶		
24450	-01	602		476			
24445	-01	333 ⁸ F13 @ 12	590 C086	3088 C318	335 ²⁶	3408 C55 82	+02
24420		333 ⁴⁸	396 C048		333 ²⁰		

Stake Thomas St

	LT-Sly			At-My		21
2725'		1377	1386 C009		1462 C019	1473
2700	1455 C07	1391	1404 C013		1457 C002	1566 C1-
1775		1404	1409 C005		1472 C011	1468
1750	1490 C07	1418	1432 C014		1486 C006	1634 C15
1725		1421	1456 C025		1509 C016	1493
1700	1539 C07	1445	1463 C08		1510 C005	1684 C18
0775'		1458	1481 C023		1515 F003	1518
0750	1533 C06	1472	1478 C004		1523 F008	1676 C15
30' Rad 0710 GRC	1509 C02	1494	1499 C005		1555 C009	1731 C18

0700 wly Dances

1484 SE 7X7 Mod

			L ₂ S _h		At. N _h		ZZ
4499 59 Ely Cass St.	12 ²⁷						
4480	12 ²⁰ C05	12 ³⁸	12 ⁴⁰ C002		13 ¹⁷ C004	13 ⁰³ 13 ¹³	13 ⁴⁴ C002
4470 @ NY							13 ²⁴ 13 ³¹ C007
4450	13 ¹⁹ C06	12 ⁵⁶	12 ²¹ C015		13 ⁴⁰ C010	13 ³⁰	13 ³⁶ C01
4425	13 ¹⁹ C05	12 ⁶⁹	12 ⁸⁶ C017		13 ²⁹ F014	13 ⁴³	13 ⁵ C
4400	13 ²⁹ C04	12 ⁸³ 7	12 ⁹⁶ C013		13 ⁵⁷ C002	13 ⁵⁵	13 ⁵² C
3475		12 ⁹⁶	13 ¹⁴ C018		13 ²¹ C003	13 ⁶⁸	
3450	13 ⁵¹ C04	13 ⁰	13 ²⁸ C015		13 ²¹ C011	13 ⁸⁰	13 ²³ C01
3425		13 ²³	13 ³⁵ C012		13 ³⁵ F008	13 ²³	
3400	13 ⁷² C03	13 ³⁷	13 ⁵⁶ C019		14 ⁰⁹ C004	14 ⁰⁵	14 ⁴⁰ C04
2485 @ NY							14 ⁴⁶ C034
2475		13 ⁵⁰	13 ²⁰ C020		14 ³² C014	14 ¹⁸	
2450	14 ¹³ C05	13 ⁶⁴	13 ⁸⁰ C016		14 ⁴⁸ C018	14 ³⁰	14 ⁸⁶ C04

Stake La Jolla Country Club
Sewer

Stake 6
45 Nlyn Lt

		Stake 10' My ^{nt} Radial	16+75' 1°39.677 C-25 ⁰⁰	391 ²⁵ 96 ⁸⁹ C574
14+33 ⁹⁸ =s SMH#14	360 ⁸¹	45° Radial 66 ⁵¹ C570	16+50' 0°44.493' C-20 ⁰⁰	387 ⁹² 93 ²⁸ C576
14+6 ⁸⁴ EC			16+29' 81° SMH#15 P.P.C. 0°00' 9°00' ↓	385 ³² 90 ²⁷ C49 ⁵
14+25	358 ²¹	65 ⁷⁷ C-7 ⁷⁶	16+00' 7°17.516'	381 ⁵⁹ 86 ²¹ C472
14+00	355 ²⁵	67 ²⁸ C-11-83	15+75' 5°51.574'	378 ⁴⁶ 82 ⁷⁴ C448
0+75	352 ²⁹	67 ⁰¹ C-14 ⁷²	15+50' 4°25.631'	375 ³³ 77 ⁵⁸ C425
0+50	349 ³²	66 ⁹¹ C-17 ⁵⁹	15+25' 2°59.689	372 ²⁰ 76 ³⁴ C412
0+25	346 ³⁶	66 ⁴⁷ C-20 ¹¹	15+00' 1°33.746	369 ⁰⁷ 73 ¹⁵ C408
0+00 SMH#6 =s 15714 ⁶⁸ wly 2 nd Fly True BC But due to M.H. we used it any how 2008. 30' Rad BM L147 14+37 ⁰²	343 ⁴⁰	65 ⁹⁹ C22 ⁵⁹	14+72 ⁷³ BC Lt 0°00'	365 ⁶⁶ 69 ⁴³ C377
			14+52	363 ¹⁹ 67 ⁷⁴ C455

Line Change

11.856%

staked 6th Ely

2170

329⁶⁷ 37¹⁴
C-7⁴⁷

2140

329⁵⁵ 36⁸⁵
C-7³⁰

2110

329⁴³ 36⁶⁵
C-7²²

1775' SMH #1

329²⁹ 36³⁶
C-7⁰⁷

18+44⁴¹ SMH #16

413⁰⁰

4th N^{1/2} 6th dia SW
18⁹⁹ 18⁵³
C-5⁹⁹ C-5⁵⁵

1750

327⁵⁴ 35²⁷
C-8⁴³

31²⁹

18+13¹²

408⁸⁶

16⁵⁴
C-7⁵⁸

1720

325⁴³ 35⁵¹
C-10⁰⁸

31²⁹

17+81⁸³ EC, 5°35.00'

404²³

12⁵³
C-7⁶⁰

0790

323³² 35³³
C-12²¹

C-31⁸³

17+50 4°24.861'

400⁸²

407⁸⁶
C-7⁰⁴

0160

321²² 35³⁰
C-14⁰⁸

17+25' 3°29.769'

397⁶⁰

404¹⁹
C-6⁵⁹

0730

319¹¹ 32⁵⁶
C-13⁴⁵

17+00 2°34.678'

394³⁷

400⁵⁶
C-6¹⁹

0700 SMH exists

317.00

BM nonexistent SMH

325²²

		staked 6° Ely			25
5470	330 ⁸⁷	41 ⁵⁸ C-10 ⁷¹	8470	332 ⁰⁷	41 ²⁰ C-9 ¹³
5440 SMH ²	330 ⁷⁵	41 ⁵⁷ C-10 ⁸²	8140	331 ⁹⁵	42 ⁵⁶ C-10 ⁶¹
5410	330 ⁶³	41 ⁸⁴ C-11 ²¹	8410	331 ⁸³	43 ³⁴ C-11 ⁵¹
4480	330 ⁵¹	42 ²⁴ C-11 ²³	7480	331 ⁷¹	44 ¹¹ C-12 ⁴⁰
4450	330 ³⁹	42 ¹⁰ C-11 ²¹	7450	331 ⁵⁹	43 ⁵⁰ C-11 ²¹
4420	330 ²⁷	41 ⁶⁸ C-11 ⁴¹	7420	331 ⁴⁷	42 ⁵⁴ C-11 ⁰⁷
3490	330 ¹⁵	41 ⁰¹ C-10 ⁸⁶	6490	331 ³⁵	42 ³⁸ C-10 ⁹⁹
3460	330 ⁰³	39 ⁴⁹ C-9 ⁴⁶	6460	331 ²³	42 ²³ C-11 ⁰⁰
3430	329 ⁹¹	38 ²⁰ C-8 ²⁹	6430	331 ¹¹	42 ³³ C-11 ²²
3400	329 ⁷⁹	37 ⁷⁵ C-7 ⁹⁶	6400	330 ⁹⁹	42 ³⁰ C-11 ²¹

11765	333.64	4366 C-10 ⁰²	14752 ⁵	340.76	4880 C-8 ⁰⁵
11735	333.47	4262 C-9 ¹⁵	14722 ⁵	339.48	4357 C-4 ⁰⁸
11705 SMH ^{#4}	333.31	4387 C-10 ⁵⁶	13792 ⁵	338.21	4553 C-5 ³²
10785	333.20	4230 C-9 ¹⁰	13762 ⁵	336.94	4637 C-9 ⁴³
10755	333.03	4221 C-9 ¹⁸	13732 ⁵	335.67	4660 C-10 ⁹³
10725	332.87	4102 C-8 ¹⁵	13702 ⁵	334.40	6.35 M ₂ dia 4341 C-9 ²⁴
9795	332.70	4062 C-7 ⁹²	12785	334.30	4551 C-11 ²¹
9765	332.54	3941 C-6 ⁸⁷	12755	334.13	4594 C-11 ⁰¹
9735	332.37	3817 C-5 ⁸⁰ NE ON dim 8 ³⁴	12725	333.97	4663 C-12 ⁶⁵
9705 ²⁰ SMH ^{#3} L. 88° 02' H.	332.21	3761 C-5 ⁴⁰	11795	333.80	4539 C-11 ⁵⁷

		60 Lt ^{Ely} uncorrected		60 Lt nEly 27
0+85 EVC,	354 ⁷⁵	63 ⁵¹ C-8 ⁷⁶	3+59	373 ⁸⁹ C-20 ¹³ 94 ⁰²
0+75	351 ⁶⁵	60 ⁸⁸ C-9 ²³	3+29	373 ⁷⁷ C-19 ⁷⁵ 93 ⁵²
0+65	349 ⁰⁵	58 ⁷⁸ C-9 ⁷³	2+99	373 ⁶⁵ C-19 ⁴¹ 93 ⁰⁶
0+55	346 ⁹⁵	56 ⁶⁷ C-9 ⁷²	2+69	373 ⁵³ C-19 ⁹⁴ 93 ⁴⁷
0+45	345 ³⁵	55 ³² C-9 ⁹⁷	2+39	373 ⁴¹ C-19 ⁴⁸ 92 ⁸⁹
0+35	344 ²⁵	54 ⁵⁷ C-10 ³²	2+09	373 ²⁹ C-20 ⁶⁵ 93 ⁹⁴ 70 Lt.
0+25 BVC,	343 ⁶⁵	54 ⁰⁵ C-10 ⁴⁰	1+79	373 ¹⁷ C-15 ²² 88 ³⁹
0+00 Sly	343 ⁴⁰		1+48 ⁹¹	373 ⁰⁵ C-10 ¹⁰ 83 ¹⁵
0+00 Nly = 5 0+00 Sly		12 ¹¹ 65 ⁹⁶	1+36 ² SMH ⁸	373 ⁰⁰ C-7 ³² 80 ³²
15714 ⁶⁸ SMH ⁴ G int	343 ⁴⁰	C-22 ⁵⁶	1+11	363 ⁸⁷ C-7 ⁴² 71 ²⁹
14+82 ⁵	342 ⁰³	6 ⁰ 55 ⁹⁷ 12 ⁰ 59 ³¹ C-13 ⁸⁴ C-17 ²⁸		

cont pg 29

6° Ely

staked 6° Ely

28

6+64	393 ⁷⁴	05 ⁰⁸ C-11 ³⁴	2+00 SMH #7 end	412 ⁰⁰	17 ⁷⁹ C-5 ⁷⁹
6+34	393 ⁶²	04 ⁵⁹ C-10 ⁹⁷	1+65	398 ⁴²	08 ⁰² C-9 ⁶⁰
6+039 ⁶ SMH #10	393 ⁵⁰	463 ⁷⁶ C-10 ²⁶	1+35	386 ⁷⁸	11 ⁴⁰ 98 ³³ C-11 ⁵⁵
5+76 ⁵	388 ⁰⁰	99 ¹¹ C-11 ¹¹	1+05	375 ¹⁴	11 ²⁰ 86 ⁷¹ C-11 ⁵⁷
5+48 ⁹¹ L.MH 1° 30'	382 ⁴⁹	94 ⁰¹ C-11 ⁵²	0+75 E.V.C.	363 ⁵⁰	366 ⁷⁶ C-3 ²⁶
5+08 ⁹¹ SMH #9	374 ⁴⁹	79 ⁸⁵ C-5 ³⁶	0+65	360 ⁰²	66 ⁷¹ C-6 ⁶⁹
4+79	374 ²⁷	77 ⁶⁹ C-3 ³²	0+55	356 ⁹⁴	66 ⁶¹ C-9 ⁶⁷
4+49	374 ²⁵	86 ⁵⁷ C-12 ³²	0+45 B.V.C.	354 ²⁶	66 ⁶¹ C-12 ³⁸
4+19	374 ¹³	92 ²⁵ C-18 ¹³	0+225	348 ⁸³	62 ⁵⁴ C-13 ²¹
3+89	374 ⁰¹	97 ²⁰ 7° Ely C-23 ²⁹	0+00 SMH #6 Nly	343 ⁴⁰	57 ²² C-16 ⁸² C-13 ⁸²

67	9+46	409 ⁴⁵	15 ⁵⁹ 06 ²⁴	12+36 ⁵	429 ⁵²	49 ⁹¹ C-20 ³⁹
67	9+16	404 ⁴⁷	3 ⁶⁵ BK 10 ⁹³ 06 ⁴⁶	12+06 ⁵	429 ²⁰	49 ⁰⁶ C-19 ⁶⁶
67	8+86	399 ⁴⁹	42 ⁰⁴ 09 ²⁸ 09 ⁷⁹	11+76 ⁵	429 ²⁸	46 ⁹⁵ C-17 ⁶⁷
57	8+56 ⁰⁸ SMH 11 # 2.3° 24' Lt.	394 ⁶¹	04 ¹⁵ 09 ⁶⁴	11+46 ⁵	429 ¹⁶	46 ⁹⁰ C-17 ²⁹
57	8+44	394 ⁴⁶	03 ⁸² 09 ⁴⁶	11+16 ⁴⁶	429 ⁰⁴	45 ²² C-16 ¹⁸
57	8+14	394 ³⁴	03 ⁹⁷ 09 ⁶³	10+97 ⁶³ 2.1° 54' Lt. 18 ⁸³	428 ⁹⁶	42 ⁶¹ C-13 ⁶⁵
47	7+84	394 ²²	03 ⁵⁴ 09 ³²	10+62 ⁶³ SMH 12 # 35	428 ⁸²	41 ³⁵ C-12 ⁵³
47	7+54	394 ¹⁰	05 ²³ 09 ¹⁵	10+36	424 ⁴²	32 ⁶⁴ C-8 ²²
47	7+24	393 ⁹⁸	06 ⁴⁹ 09 ⁵¹	10+06	419 ⁴³	26 ¹⁷ C-6 ⁷⁴
37	6+94	393 ⁸⁶	05 ⁹¹ 09 ⁰⁵	9+76	414 ⁴³	21 ⁰⁴ C-6 ⁴¹

	Nly staked 135 Wly of Line on 2 St.	Sewer
0+00 SMH# 16	413 ⁰⁰	1855 C-555 6 1/2 dia SW.
0+29 ² 6° 35.70'	414 ⁸¹	1855 C-324
0+58 ⁴ 13° 11.40'	416 ⁶²	1968 C-306
0+87 ⁶ 19° 47.16'	418 ⁴³	2125 C-382 ✓
1+16 ⁸ 26° 22.80'	420 ²⁴	2342 C-318
1+45 ²⁷ EC, 32° 58.50'	422 ⁰⁵	2520 C-365
1+75 ⁹⁹	423 ⁹¹	2866 C-475
2+05 ⁹⁹ SMH# 17	425 ⁷⁷	3163 C-586
13+56 ⁴⁶ SMH# 13 end	430 ⁰⁰	3527 C-597
13+26 ⁵	429 ⁸⁸	4083 C-1095
12+96 ⁵	429 ⁷⁶	4410 C-1439
12+66 ⁵	429 ⁶⁴	4752 C-1788

Country Club Dr.
2+68 ²² BC, 0° 00'
2+42 ⁵⁵
2+16 ⁸⁷
1+91 ¹⁹ EC, 37° 01'
3128 EC-2823 06-3090
1+59 ⁹¹ SMH# 18 30° 39'
EC-2886 06-3158
1+27 ⁹² 24° 08'
0+95 ⁹⁴ 17° 37'
0+63 ⁹⁶ 11° 06'
0+31 ⁹⁸ 4° 35'
0+00 SMH# 16

Sly staked 135 Wly of Line on 2 St.	30
425 ²⁴ 28 ⁸³ C-359	
424 ⁹⁵ 28 ⁵⁹ C-364	
424 ⁶⁵ 28 ²⁹ C-364	
424 ³⁵ 27 ⁸⁸ C-350	
423 ⁹⁹ 27 ⁰⁹ C-310	
421 ⁸⁰ 25 ²⁶ C-346	
419 ⁶⁰ 23 ⁰⁰ C-340	
417 ⁴⁰ 20 ⁶⁷ C-327	
415 ²⁰ 18 ⁰² C-312	
413 5 1/2 dia 1855 C-555	

5759 ¹² 11° 30'	432 ³⁵	36 ⁵⁴ C-419	8+17 ⁸⁰ 22° 03' 40"	438 ⁶²	41 ³⁷ 75 C-2-
57317 ² 5° 45'	431 ²⁰	355 ⁰ C-420	8c=2480 sb=2678	438 ⁵¹	4104 C-2 53
5704 ³² P.C., 8c=2908 sb=2824	430 ²⁵	3418 C-373	7+63 ⁶⁶ 12° 34' 30" SMH#21 8c=2374 sb=2551	438 ⁴⁰	4070 C-2 30
4776 ¹⁹ 4° 10' 16" 15 24 52"	429 ¹⁷	3318 C-401	7+37 ⁷⁸ 8° 02' 30"	438 ³⁰	4083 C-2 53
-4748 ⁰⁵ 2° 05' 08" 13 19 44"	428 ⁰⁹	3220 C-421	7+11 ⁹² 3° 30' 30" SMH#20 8c=1836 sb=1983	438 ¹⁹	4071 C-2 52
4719 ²¹ SMH#19 8c=3141 sb=3047	427 ⁰¹	3120 C-429	6+91 ⁸⁸ BC. 1° 45' 15" 2318	437 ⁴³	4052 C-3 09
3789 ⁵⁸ 8° 59' 40"	426 ⁶⁴	3060 C-396	6768 ²⁰ EC, 34° 30' 8c=3006 sb=2765	436 ⁵⁵	4004 C-3 49
3759 ²⁵ 6° 42' 45"	426 ²⁹	3023 C-324	6741 ³² 28° 45'	435 ⁵⁰	3941 C-3 21
3728 ⁹⁰ 4° 24' 50"	425 ⁹⁴	2975 C-3 81	6713 ⁸² 23° 00'	434 ⁴⁵	3847 C-4 02
2796 ⁵⁶ 2° 14' 55"	425 ⁵⁹	2932 C-3 73	5786 ⁵² 17° 15'	433 ⁴⁰	3751 C-4 11

10488 ⁵⁰ SMH#24 30 ²²	446 ⁴²	50 ⁴⁸ C406	13775 ⁻⁰² 3°02'45" 2c-23 ⁹¹ 022 ⁶⁴	466 ⁴⁷	157 7119 C.4 ⁷²
10458 ²⁷ 30 ²²	444 ⁴³	48 ²⁶ C-3 ⁸³	13452 ⁵³ BC. 24 ⁰³	464 ⁹⁰	59 ²⁶ C436
10428 ⁰⁵ EC. 13°45'	442 ⁴⁴	46 ¹⁷ C-3 ⁷³	13428 ⁵	463 ²²	57 ⁵⁶ C434
10403 ⁸⁴ 11°09'43" 2c-25 ³⁴ 06-24 ³³	440 ⁸⁵	44 ⁹⁰ C405	12498 ⁵	461 ¹²	65 ³⁰ C-4 ¹⁸
9479 ⁶² SMH#23 8°54'27"	439 ²⁶	43 ⁸⁹ C463	12468 ⁵	459 ⁰²	63 ²⁰ C418
9449 ⁹² 5°56'18" 2c-31 ⁰⁷ 06-29 ⁸³	439 ¹⁴	43 ⁰⁶ C3 ⁹²	12438 ⁵	456 ⁹²	61 ¹⁰ C418
9420 ²³ 2°58'09"	439 ⁰³	42 ⁶⁶ C-3 ⁶³	12408 ⁵	454 ⁸²	58 ⁹⁸ C416
8490 ⁵⁴ BC. 18 ⁶⁰	438 ⁹¹	42 ³⁶ C-3 ⁴⁵	11478 ⁵	452 ⁷²	56 ⁸⁹ C-4 ¹⁷
8471 ⁹⁴ EC. 31°32'50"	438 ⁸⁴	42 ³⁰ C-3 ⁴⁶	11448 ⁵ 303	450 ⁶²	54 ⁷⁸ C416
8444 ⁸⁷ 26°48'15"	438 ⁷³	41 ⁸⁵ C-3 ¹²	11418 ⁵	448 ⁵²	52 ⁶² C-4 ¹⁰

7280
470

6° 54'

0118³³ sub4.
118°

6° 54' 33"

1+10

452¹⁴58⁵¹
C6³⁷1+52⁵⁰ SMH#26 end489⁰⁰949³
C5⁹³

0+80

447³⁴53⁰³
C5⁶⁹

1+40?

486⁵⁰93⁰⁰
C-6⁵⁰

0+50 KVC,

442⁵⁴48²³
C-5⁶⁹

1+10?

480¹⁷88⁰⁸
C-7⁹¹

0+40

441¹⁹46⁸³
C-5⁶⁴

0+80?

473⁸³83⁰⁰
C-9¹⁷

0+30

440¹⁰45⁴⁹
C-5³⁹

0+50?

467⁵⁰77⁷⁶
C-10²⁶

0+20

439²⁷44³¹
C-5⁰⁴0+20⁶⁸ SMH#25461¹⁷68¹⁰
C-6⁹³

0+10

438²⁰43⁴⁷
C-4⁷⁷

0+00 - SMH#24

446⁴²13⁵⁴
50⁴⁶
C-4⁰⁶

0+00 SMH#21

438⁴⁰13⁵⁴ C-5¹¹
40²⁰
C-2³⁰2+01²⁷ SMH#22 end466⁸²72⁰¹
C-5¹⁹13+97⁵⁰ 6° 05' 30" end SMH#27468⁰⁵72⁸¹
C-4⁷⁶

1+70

461⁷⁴68⁷⁶
C-7⁰²

1+40

456⁹⁴64²¹
C-7⁴⁷

Storm Drains Genesee Ave

5° Nt up grade

10° W

+ Linda Vista Rd

10° E

933

FO23

CO21

C533

34
34 Linda Vista Rd
E. Col. 10° W
C136
C128
C210 5084
C622
C684

3401 ⁶	342 ⁰⁹ 341 ⁵³	50 ⁵⁵ C846	945 F04 as C023 gut C533 inlet type k on Sly	344 ⁰⁰	349 ⁵⁶ 348 ⁷²
2469 ⁶	341 ⁹⁶ 341 ²⁸	50 ⁸⁰ C884	1/3 +257	343 ⁵⁰	5067 C712
2437 ⁶	341 ⁸³ 341 ²⁸	51 ¹⁹ C936	1/3 +514	343 ⁰⁰	503 C713
2405 ⁶ L.Lt 56° 05'	70 341 ⁰⁶	dia 547 NE 1134 5147 5140 C977 C970	1/4 +328	342 ⁶⁹	4919 C650
1471 ⁵	341 ⁵⁶ 340 ⁸⁸	50 ⁸⁵ C929	1/4 +656	342 ⁸⁸	491 C623
1437 ²	341 ⁷² 340 ⁷⁰	51 ⁷⁰ C1028	3/4 +984	343 ⁰¹	484 C534
1402 ²	341 ²⁸ 340 ⁵³	52 ⁰⁷ C1079	1/4 inlet on Sly	347 ⁸⁷	10° W E. Col. 10° W C623 F120 C602 F026 4810 4682 C106 F022 C023 F022
0468 ⁶	341 ¹⁴ 340 ³⁵	51 ¹² C998	type k	347 ⁰⁹	4622 4789 C023 F022
0134 ³	341 ⁰⁰ 340 ⁷⁸	49 ⁰⁰ C800	Type H inlet	343 ²⁵	C485 C357 C464 C361
0400 existing inlet Hyatt St.	340 ⁸⁶ made existing	340 ⁰⁰ 10	3465 ⁶	347 ²⁴	342 ³⁶ 50 C8 C767
used BM disk Linda Vista Rd + Genesee	350 ²⁰		3433 ⁶	341 ⁶⁸	342 ²² 50 47 C825

	Rough 5 th BK grading 11 th BK Cb	Cb Grade	Lt-Sly Cb stake 133 Grade	Rough Grades	Genesee Ave & outter Cbs	RT= NY Cb stake	Cb grade	35 Rough 5 th BK grading 11 th BK Cb
4425		351 ³³				152 C019	351 ³³	
4400 4400	5222 C1 ⁰ C-03	351 ²⁶	131 C005			133 C009	351 ²⁶	4939 FR ² F.12
3475		351 ¹⁸	114 FO ⁰⁴			088 FO ³⁰	351 ¹⁸	
3450	5228 C1 ² C0 ²	351 ¹¹	120 C009			126 C0 ¹⁵	351 ¹¹	5029 F1 ⁶ FO ⁸
3425		351 ⁰⁴	104 Grade			100 FO ⁰³	351 ⁰³	
3400 3400	5211 C1 ² C-10	350 ⁹⁶ 351 ¹⁶	097 C001			090 FO ⁰⁶	350 ⁸⁶ 351 ¹⁶	5064 FO ⁵ FO ³
2475		350 ⁸⁸	099 C011			071 FO ¹⁷	350 ⁸⁸	
2450	5181 C1 ⁰ C-02	350 ⁸¹ 350 ⁹²	100 C019			077 FO ³⁴	350 ⁸¹ 350 ⁹²	5077 FO ¹ G
2429??		350 ⁷⁵	095 C020			131 C-056	350 ⁷⁵	
2409 ⁹⁵ begin		350 ⁶⁹	124 C055	✓		097 C028	350 ⁶⁹	

	Rough	Cb grade	Cb stake	Lt. Sly	RT-Mly	Cb Stake	Cb grade	Rough
6+25' BVC RT		35193	129 FO64			162 FO31	35193 352	
6+00	5052 F13 F16	35186 35212	135 FO51			151 FO35	35186 35212	4956 FR6 FR3
20' Rad 5+71 ES	5062 F1 F14	35177 35206	098 FO79			154 FO23	35177 35206	4967 FR4 FR4
1/3		35185	058 F127			140 FO27	35170	
2/3 end of RT		35204	047 F157 087 F130 025 F134	35217 35209		923 F161	35154 35165	4923 FR2 F
2/3 end of RT		35193	066 F127			975 F155	35130 35143	4988 F16
1/3		35169	139 FO30			149 FO01	35150	
20' Rad, 4+95 BC	5046 F1 F14	35183	55 114 FO41			144 FO11	35183	4950 FR3 FR0
4+75		35148	123 FO25			147 FO01	35148	
4+50	5123 FO2 FO5	35172	125 FO16			146 FO05	35172	5015 F16 F13

	Rough	Cb grade	Cb stake	Lt = Sly	At = Nly	Cb stake	Cb Grade	Rough
8+75		352 ⁰⁵	204 FO ⁰¹	✓		156 CO ⁰⁹	35137	
8+50	5208 FO ¹	35214 352 ²⁰	223 CO ⁰⁹			175 CO ³¹	35144 35230	4916 F3 ¹ F23
8+25		352 ²⁰	223 CO ⁰³			175 CO ²⁴	35151	
8+00	5153 FO ² FIR	35235 352 ⁷⁵	209 FO ¹⁶			171 CO ¹³	35158 35245	4958 F29 F20
7+75		352 ²⁶	189 FO ³⁷			174 CO ⁰⁹	35165	
7+60 AT	5139 FO ² FIR	35226 352 ⁶⁰	178 FO ⁴⁸			184 CO ⁰²	35257 35172 35258	5004 F25 F12
7+40 AT							35170 35257	
7+25		352 ²²	165 FO ⁵⁷			185 CO ⁰⁵	35180	
7+00	5076 F12	35216 35241	161 FO ⁵³			188 CO ⁰¹	35182 35255	4948 F22 F24
6+75	EVG AT	352 ⁰⁸	140 FO ⁶⁸			190 FO ⁰⁴	35194	
6+50	5041 F12	352 ⁰¹	139 FO ⁶²			188 FO ¹²	35187 35220	4948 F22 F24

	Rough	Ob grade	Ob stake	Lt-Sly	Rt-Mly	Ob Stake	Ob grade	38 Rough
11+25		35076	071 FO02					
11+20 ⁷³ RT						071 CO06	35062 35173	
11+00	5185 CO2 FIL -	35089 35293	068 FO21					
10+90 ⁷³ RT						088 CO18	35022 35155	4945 FRL F13
10+75		35102	121 CO19			087 CO08	35079	
10+50	5232 CO2 FO2 -	35115 35319	124 CO09			096 CO09	35087 35170	4947 FRL F12
10+25		35128 35327	144 CO16			098 CO04	35094	
10+00	5215 CO2 FIL -	35141 35329	136 FO05			111 CO10	35101 35185	4941 FRL F15
9+75		35154 35326	159 CO05			125 CO22	35108	
9+50	1006.6 5218 CO2 FIL -	35169 35319	167 CO01			124 CO09	35115 35250	4947 FRL F15
9+25		35179	196 CO17			132 CO10	35122	
9+00	EVC. 14 5234 CO2 F.O.2	35193 35304	206 CO13			143 CO13	35130 35216	4903 FRL F23

	Rough 53BK Grading 110BK CB	Cb grade	Cb Stake		RT = N14	Cb Stake	Cb grade	Rough 53BK Grading 110BK CB
11								
11								
11								
10								
10								
10	12+60 ⁹⁵ PRC LT.	5100 C10 F09 -	34927 35188	921 F006				
10	12+50	C11 F02 -	5113 35002 35199	925 F007				
9	12+25		35019	028 C009				
9	12+01 ⁸⁸ P.C.	5152 C12 F02 -	35035 35239	127 C092		044 C-030	35024 35012	4992 F100 F03
9	11+75 ⁸⁷ 11470 ⁸⁷ 45% LT 11164 & Clearout Storm Drain		35050	034 F016		060 C010	35030 35115	4936 F11
9	11+50	C11 F02 -	5177 35063 35266	079 C016				
	1+45 ⁹³ RT					069 C011	35058 35138	4926 F20 F12

	Rough 5' PK grading 112 BK C6	C6 grade	C6 Stake	Enter Outer C6 Lt Side Sly Linda Vista & Genessa	C6 Stake	C6 grade	Rough
				3+25 ^S	262 C009	352 ⁵³	275 C003
1400 ^S 5) PCC	5126 C1 ¹	350 ¹⁸	004 F014	3100 ^S	257 C009	352 ⁷⁸	
+1400 ^S 4)	5119 C-1 ⁴	349 ⁷⁷	964 F053	2+75 ^S	243 C006	352 ³⁷	
122 ¹⁴ 3) Linlet	5117 C-1 ⁶	349 ⁵⁶		2+50 ^S BC	246 C024	352 ²²	308 -C02
122 ¹⁴ 2)	5103 C-1 ³	349 ⁵⁰ 349 ⁸²	950 Grade	2+25 ^S	234 C029	352 ⁰⁵	
122 ¹⁴ 1)	5076 C1 ²	349 ⁶⁰ 350 ⁴⁸	922 F038	2+00 ^S	242 C057	351 ⁸⁵	
122 ¹⁴ 3) PCC 0°00' 4°23.59'	5107 C1 ⁷	349 ⁷⁰ 351 ¹⁰	951 F019	1+75 ^S	192 C028	351 ⁶⁴	
122 ¹⁴ 2) 2°45.87'	5113 C1 ³	349 ⁷⁹ 351 ⁴⁹	997 C018	1+64 ⁰⁶ FC +1094	134 F018	351 ⁵²	183 -C03
125 ^S D 0°58.44'	5097 C1 ³	349 ²⁰ 351 ⁷⁷	008 C018	1+50 ^S 2)	151 C014	351 ³⁷	
+136 ⁰ 12+60 ²⁵ PRC	5100 C1 ²	349 ²⁷ 351 ⁸⁸	981 F006	1+25 ^S D +25	122 C030	350 ²⁵	163 -C03

Rough C6 grade C6 stake

5450^S EC
end job

104
500⁹⁴
meat

351³³

5425^S

351⁶⁰

138
FO²²

5100^S

351⁹⁵

185
Grade

4775^S

188
FO³

352²⁰

209
FO¹¹

4450^S

352³⁸

244
CO⁰⁶

4425^S

352⁵⁰

243
FO⁰⁷

4400^S PRC

247
FO¹

352⁵⁶

260
CO⁰⁴

3475^S

352⁶⁰

259
FO⁰¹

3450^S

352⁵⁹

235
FO²⁴

	Rough 5/24 grading 11/24/08	C6 grade	C6 stake	At Outer C6. Nly Linda Vista Rd - Genesee	C6 stake	C6 grade	Rough
6) PCC. +13 ⁴⁴			810	3475 ^M	733 C008	3472 ^S	
5) +120 ²³		4800 G	3472 ^T C009	3456 ^M	749 C008	3474 ^I	
4) Inlet +120 ⁷⁵			800 C013	3425 ^M	761 C003	3475 ^S	652 - FIL
3) +120 ⁷⁵	CO4	4828 C04	3478 ^S 3472 ^S Grade	3400 ^M	785 C010	3472 ^S	
2) +120 ⁷⁵			708 F104	2475 ^M	804 C012	3472 ^S	
1) +120 ⁷⁵	CO6	4906 C04	34850 34821 F033	2450 ^M BC	820 C013	3480 ^T	700 - FIL
3) PCC. +122 ⁴²	CO5 0°00' A 15°23' V	4943 F04	34890 34955 Grade	2433 ²⁰ EC	826 C007	3481 ^T	713 - FIL
2) 10°01.76' +122 ⁴²	CO6	4997 F03	34940 35020 C020	2425 ^M	828 C003	3482 ^S	
1) 4°40.60' +190 ⁹	CO3	5024 F04	34942 35064 C013	2400 ^M	836 C005	3483 ^I	768 F06
12101 ⁵⁸ PCC. +123 ⁶	FO3	4992 F12	35024 35023 C020	1775 ^M +123 ⁶	831 C016	3481 ^S	

Rough	C6 grade	C6 stats
5:50 ^M end job F.C.	4:50 ⁰⁰ put meet	346 ¹³
5:25 ^M		346 ²⁷ 5:14 F1 ¹³
5:00 ^M		346 ⁴⁴ 5:20 F1 ²⁴
4:45 ^M	5:03 - F02	346 ⁵⁸ 5:26 F1 ³²
4:50 ^M		346 ⁷⁷ 5:52 F1 ²⁵
4:25 ^M		346 ⁹¹ 6:03 F0 ⁰⁸
4:00 ^M P.R.C.	4:28 - F08	347 ⁰⁸ 7:12 C0 ⁰⁴

	3 ⁰⁰ 06 Rough	C6 grade	C6 stake	Wly Side Linda Vista Rd. Obs	C6 stake	C6 grade	3 ⁰⁰ 06 Rough
0770 ^S EC	075 F004	350 ⁷⁹		1775 ^N		348 ⁷⁰	822 F048
1400 ^S Mid Pt	101 C001	351 ⁰⁰		1750 ^N		348 ⁹⁰	835 F055
1725 ^S BC	119 F003	351 ²⁴		1725 ^N		349 ¹¹	850 F061
1750 ^S	153 F003	351 ⁵⁶		1700 ^N		349 ³²	856 F076
1775 ^S	140 F041	351 ⁸¹		0775 ^N		349 ⁵⁴	873 F081
2100 ^S	154 F054	352 ⁰⁸		0750 ^N		349 ⁷⁴	940 F034
2125 ^S EC	175 F060	352 ³⁵		0725 ^N		349 ⁹⁵	957 F038
2150 ^S Mid Pt	194 F065	352 ⁵⁹		0700		350 ¹⁶	986 F030
2175 ^S BC	233 F053	352 ⁸⁶		0725 ^S		350 ³⁷	001 F036
2183 ^S		353 ⁰⁶ 352 ³⁹ _{out}	52% ✓ Meet 2 ³⁴ _{out} ✓	0750 ^S		350 ⁵⁸	041 F017

	3-BACK Rough	CG grade	CG stake	wly Linda Vista Rd CG Cont	CG stake	CG grade	Rough
4425 ^N	628 FO32	34660					
4400 ^N PRC	685 CO04	34681				3448 ^{out}	
3475 ^N	747 CO26	34701		ES meet	meet	34547	494 FO53
3450 ^N	800 CO28	34722		2/3		34542	520 FO53
3425 ^N	867 C123	34744		1/3		34579	525 FO54
3400 ^N	950 C183	44765		5148 ³ PRC		34525	513 FO82
2475 ^N	871 CO85	34786		5425 ^N		34577	521 FO76
2450 ^N BC	867 CO60	34807		5400 ^N		34605	530 FO70
2425 ^N	846 CO18	34828		4475 ^N		34619	527 FO72
2400 ^N	829 FO20	34849		4450 ^N		34638	575 FO63

45 3-BACK

Lt-Wly & Rt-Ely

Stake Alley
Park

BIK 50
Villas

University + Wightman
Boundary + Bawcroft A.
Lt-Wly & Rt-Ely

2° BK unless
note 46

1486 EVC	356 C-1 ⁶⁴	331 ⁹²	331 ⁶⁷	158 F009	
1471	415 C-1 ⁷⁷	332 ³⁸	332 ¹³	312 F022	
1456 BUC	542 C-187	333 ⁵⁸	333 ³³	293 F040	
1426 EVC	C093 843 C143	337 ⁰	336 ⁷⁵	686 C044	F039
1406	C-0 ⁵⁸ 903 C093	338 ⁶⁰	338 ³⁵	889 F006	F041
0486 BUC	920 C044	339 ⁴⁶	339 ²¹	931 C010	100A
0446	0200K 310 ✓ C205	341 ⁰⁵	340 ⁸⁰	4107 C027	
0406 ²⁷ BIK	282 C052	342 ²⁵	342 ⁰⁰	220 C020	
Wightman 0400	meet	342 ⁴⁶	342 ¹⁹	— meet	

12 ²⁵ to 2 Box									
✓ C-1.58	242	330 ⁸⁵	grate catch basin	174 C089				625 to 2 box	
5ly University 3426 ²⁷	meet	332 ⁶²	332 ³⁹	meet					
020 BIK 3406 BIK	249 C025	332 ²⁴	331 ⁹⁹	284 C085				035 BIK	
049 in 2481	354 C-1 ⁷⁶	331 ⁷⁸	331 ⁴⁵	187 C044					
1025 front S catch basin 2456 BIK	243 ✓ C100	331 ³³	331 ⁰⁸	174 C066				425 front	
068 BIK 2421	227 C064	331 ⁶³	331 ³⁷	172 C035					

	Rough	Cb grade	Lt. Wly Cb Stake	Stake 1/4 ↘		La Jolla Mesa Dr. E Finish Pav.	1/4 ↘	Rt. Ely Cb Stake	Cb grade	Rough	47		
S Alley Prop	6/100 off	10725	797 C022					853 C027	10826	6/100 off			
EC		10762	783 C031					829 C017	10812				
1+12 ²⁴ 93 BC	826 C08	10750	783 C033	0758	733 F025		10785	821 C016 meet	0783	781 F02	829 C029	10800	890 C02
0490	723 C03	10691	669 F023	0699	620 F029		10726	734 C008	0724	704 F020	720 C029	10741	823 C08
0460	618 G	10614	552 F062	0622	520 F032		10650	626 F004	0647	621 F026	628 C034	10664	747 C08
0432 ²⁸	554 C01	10543	491 F052	0551	522 F029		10578	509 F009	0528	553 F022	584 F009	10593	639 C05
0410 ⁴¹ EC											531 F019	10550	571 C02
0406 ⁴⁴ EC	429 C02	10450	447 F003	0446 meet	468		10500 meet		0499	498 meet ✓			
0400 N Targuaise to Wly													

103⁵⁶ NW BP.
La Jolla Mesa Dr + Targuaise

	Rough	Cb grade	Lt. Wly Cb stake	1/4		1/4	Rt = Ely Cb stake	Cb grade	Rough	48		
2+74 ⁸⁵ Agate - Sping				1172								
2+71 ⁷⁷ Lt. - BC	228 C06	11165	1022 F088				1175 F040	1125	486 C27			
2+40	1193 C1L	11079	1022 F057	1087	029 F058	1114	075 F039	111	081 F030	156 C027	1424 C30	
2+10	1159 C16	10999	921 F028	1007	949 F058	11034	1015 F019	1031	012 F019	086 C007	1350 C30	
1+80	1028 C02	10922	896 F026	0930	888 F042	10957	952 F005	0954	941 F013	920 F002	1310 C34	
1+50	1058 C2L	10845	847 C002	0858	823 F035	10891	893 C002	0883 F004	880 F003	883 F002	1162 C27	
1+31 ²⁴ EC	1028 C23	10799	814 C05	0807	779 F028	10834	851 C012	0832 Heet	836 C004	898 C049	1093 C24	
BC		10801	814 C013							898 C047	10857	
VA/ry/ry	2/10 of face	10814	1098 C234							883 C012	10864	2/10 of face

		Lt-Wly					Rt-Ely							
	Rough	C6 grade	C6 stake	Y4	Finish E-pav		Y4	C6 stake	C6 grade	Rough	49			
24	N Alley Prop	28 face 100	118 ⁶⁹	815 FO54				915 FO04	119 ¹⁹	28 face 100				
25	S Alley Prop	00 face	118 ¹⁶	741 FO25				923 CO57	118 ⁶⁶	00 face				
2	EC		118 ⁰⁵	738 FO67				783 FO74	118 ⁵⁷					
2	2nd 1+23-BC	760 FO3	117 ⁹⁴	738 FO56	1802	736 FO66	118 ²⁹	806 FO23	FO16	1826	743 FO63	783 FO63	118 ⁴⁶	2033 C19
1	0490	589 FO9	116 ⁷⁸	609 FO69	1686	619 FO67	117 ¹³	682 FO31	FO24	1710	634 FO76	703 FO29	117 ³⁰	941 C21
	0460	560 FO1	115 ⁷³	506 FO67	1581	503 FO78	116 ⁰⁸	571 FO37	FO30	1605	529 FO76	612 FO13	116 ²⁴	804 C18
1	0430	495 CO3	114 ⁶⁸	402 FO66	1476	431 FO45	115 ⁰³	470 FO33	FO27	1500	456 FO44	507 FO42	115 ¹⁹	700 C23
8	0403 28 14 0402 924	400 CO3	113 ⁷³	317 FO56								339 FO85	114 ²⁴	454 CO3
1	0400-McAgate				1370		114 ⁰⁷	385 FO22	FO20	1385				

Rough L1 = Wdy
 Cbgrade Cbstake
 Y4 ↘

RT+Ely
 Cbstake Cbgrade
 Y4 ↘ 50
 Rough

127³³ TPBM
 Archer St

123⁰⁰

123²⁸ 317
 F011

123³¹

180
 2162¹¹ H C05 122⁸⁰ 204
 F076

2160²³ EC

F088²⁴⁰ 123²⁸ 415
 C09

2140 2³⁸
 C04 122⁰³ 151
 F052 221 163
 F048

122³⁸ 209
 F029 F024 2235 201
 F034

F101¹⁵⁶ 12257 412
 C16

2110 2078
 F02 12098 039
 F059 2106 028
 F078

121³³ 101
 F032 F026 2130 071
 F059

084
 F068 12152 456
 C32

1780 976
 F02 119⁹³ 927
 F066 2001 94
 F090

12028 998
 F030 F023 2025 963
 F062

960
 F086 12046 449
 C40

20 Rad
 1442⁰⁸ EC 841
 F02 11860 774
 F086 1858 791
 F077

11895 874
 F021 F014 1892 827
 F068

883
 F030 11913 2028
 C12

BC 11857 774
 F083

883
 F027 11910

	Rough	Cb Grade	Cb Stake	Lt-Why	
6730	513 C09	144 ¹⁸	410 F008	423 V4	355 F068
070306 070294 EC	393 C13	142 ⁶⁵	209 F058		
0700=14					
Van Nuys					
2762 ²³ ACAT	887		788		
2762 ¹¹ ACAT	F01	138 ⁹⁴	F106		
2740	845 C06	137 ⁸³	796 C013	3721 728 F043	
2710	782 C15	136 ³²	628 F007	3640 587 F053	
1780	631 C15	134 ⁸¹	437 F044	3489 425 F064	
EC 1742 ⁰⁸	408 C12	132 ⁸⁹	125 F114	3297 221 F066	

	Rt-ELY		52	
Exp. Finish	Cb Stake	Cb grade	Rough	
14447	415 F032 F027	4442 320 F052	474 C017	144 ⁵⁷ C15
142 ⁸²	267 F015		242 F074	143 ¹⁶ C06
13942	934 F008		880 F064	139 ⁴⁴ C18
13818	808 F010	3815 14 784 F031	809 F024	138 ³³ C21
13667	648 F019 F016	3664 632 F032	662 F020	136 ⁸² C22
13516	487 F029 F024	3518 470 F043	533 C002	135 ³¹ C08
13324	302 F022 F017	3321 269 F052	294 F045	133 ³⁹ F01

		Lt. Wly				Pt. Ely 53								
Rough	Cb grade	Cb stake	1/4		Finish pav.	1/4		Cb stake	Cb grade	Rough				
1450	196 C12	150 ⁹⁸	072 F026	5089	018 F071	151 ⁰⁰	072 F028	F023	5081	043 F038	083 C001	150 ⁸²	319 C24	
EC 1426 ⁸⁹	154 C12	149 ⁶⁸	915 F053	4967	884 F083	149 ⁸⁵	939 F040	F036	4963	906 F059	F002	960	149 ⁶²	133 C12
BC 1424 ⁸⁹		149 ⁶¹	915 F046								960 C004	149 ⁵⁶		
My Alley Prop	5/10 face	149 ⁶⁸	923 C027								5002 C038	149 ⁶⁴	5/10 face	
Sl. Alley Prop	0° face	148 ⁸³	938 C055								832 F054	148 ⁸⁶	0° face	
EC 1409 ⁸⁹		148 ⁷⁵	803 F072								819 F058	148 ⁷⁷		
BC 1407 ⁸⁹	978 C12	148 ⁶⁰	803 F057	4856	773 F083	148 ⁷¹	827 F044	F034	4857	796 F081	819 F044	148 ⁶³	032 C12	
0490	027 in 720 C03	147 ⁵⁸	711 F047	4755	621 F084	147 ⁷²	725 F047	F037	4760	692 F067	771 C002	147 ⁶⁹	918 C15	
0460	655 C02	145 ²⁸	560 F028	4589	504 F085	146 ¹⁰	564 F046	F036	4601	533 F068	588 F025	146 ¹³	755 C14	

Rough

Cl Br do.

Cl stako

Lt = Wly

2
Finish
Pav.

Rt = Ely

54

Cl stako

Cl grade

Rough

+295

157²²

1/2 EC

158²⁰

3/4 40° 06' Road

159⁸⁰

1/2 90° 08'

160⁴⁸

1/4

160²⁰

3+18²⁴ BCLT

160⁴⁸

950
F098

2+86⁹

158²¹

803
F068

2+55⁴

156⁹⁴

731
C037

Pt. Sub line
2+23²⁴

465
F06

155¹²

477
F040

1/4
5503
403
F100

154²³

480
F013

1/4
5438
471
C039

502
C035

154⁶²

529
C1L

2+10

463
C03

154³⁸

411
F027

19
5419
323
F096

154²¹

400
F024

5386
328
Grade

453
C059

153⁹⁴

596
C20

7+80

308
C04

152⁰⁸

238
F030

184
5255
F071

152⁶³

239
F024

5291
212
F029

230
F008

152³⁸

509
C21

D. Smith
D. Chipman
C. Steffens
J. Talamantez

Stake Zion St (Sly side) 51st to 140' Wly of Winnowa
staked 3° BK of C6 face

W04 62940 55
12-4-56

2+70

300⁷⁹

0³²

F0⁴⁷

5+70⁴⁴ BVC

295³⁷

9506

F0³¹

2+40

301³³₇₁

0⁸⁴

F0⁴⁹

5+50

295⁹²

9540

F0⁵²

2+10

301⁸⁷

118

F0⁶⁹

5+20

296⁴⁷

9614

F0³³

1+80

302⁴¹

178

F0⁶³

4+90

297⁰¹

9656

F0⁴⁵

1+50

302⁹⁵

225

F0⁷⁰

4+50

297⁵⁵

9713

F0⁴²

1+20

303⁴⁹

288

F0⁶¹

4+20

298⁰⁹

9767

F0⁴⁰

0+90

304⁰³

340

F0⁶³

3+90

298⁶³

9823

F0⁴⁰

0+60

304⁵⁷

372

F0⁶⁵

3+60

299¹⁷

9868

F0⁴⁹

0+30

305¹¹

453

F0⁵⁸

3+30

299⁷¹

9914

F0⁵⁷

0+00 = Existing EC C6

305⁶⁵

Meet

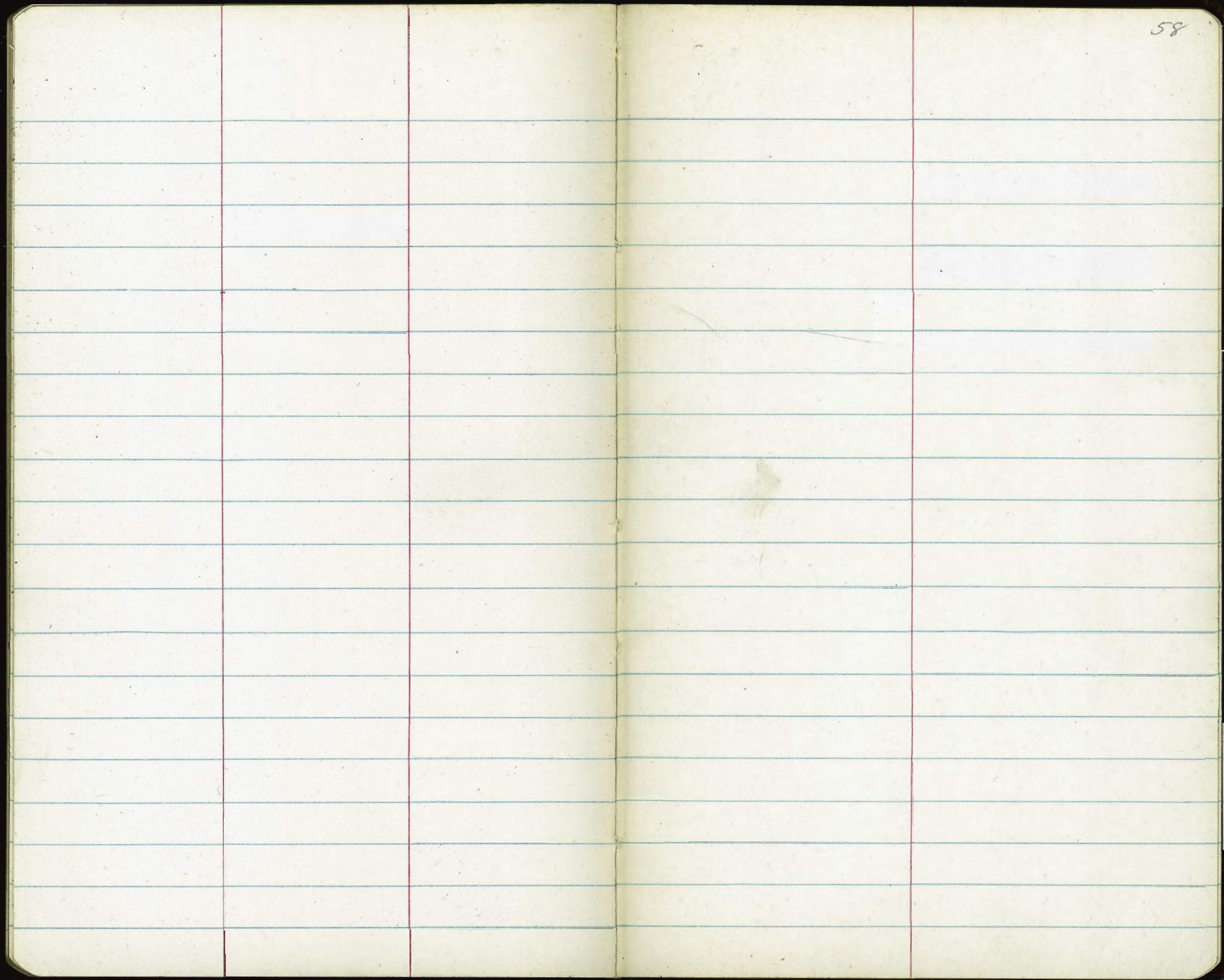
3+00

300²⁵

9973

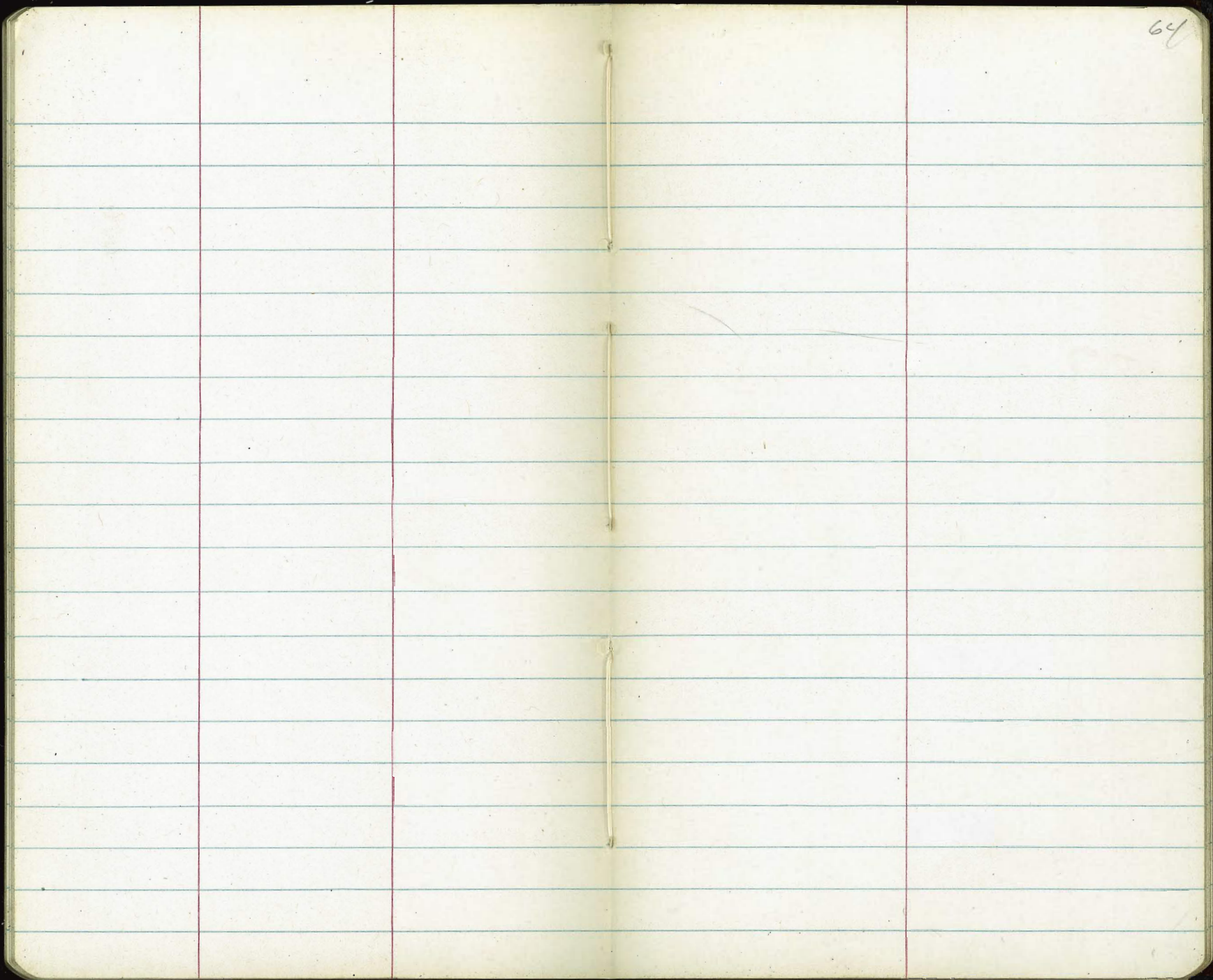
F0⁵²

8730⁴ 284¹⁰ 8325¹ FO58700⁴ 285⁵⁴ 8531 FO237770⁴ 286⁹⁸ 8673 FO257740⁴ 288⁴² 8809 FO337710⁴ 289⁸⁶ 8961 FO259787⁸⁸ END 275⁸¹ 7534 FO476780⁴ 291³⁰ 9088 FO429770⁴⁴ 277⁰³ 7654 FO496750⁴⁴ EVC 292⁷⁴ 9218 FO569750⁴⁴ 278²⁵ 7787 FO386730⁴⁴ 293⁶² 9308 FO549730⁴⁴ BVC 279³⁰ 7882 FO486710⁴⁴ 294³⁶ 9379 FO578790⁴ 281²² 8127 CO055790⁴⁴ 294⁹³ 9466 FO278760⁴ 282⁶⁶ 8270 CO04



The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. The notebook is bound in the center, and the pages are otherwise blank. A small, faint blue rectangular mark is visible on the upper right portion of the right-hand page. The number '62' is handwritten in the top right corner of the right page. The notebook's dark cover is visible at the very edges.

The image shows an open notebook with two facing pages. Both pages are cream-colored and feature horizontal blue lines for writing. Each page is divided into three vertical columns by two red lines. The leftmost and rightmost columns are narrow, while the middle column is wider. The pages are completely blank, with no handwriting or printed text. The number '63' is handwritten in the top right corner of the right page. The notebook's dark cover is visible at the very edges.



	Rough	L to Wly C6 grade	C6 stake	Stake Frost St.	WO# 32454 12-8-53	Rt-Sly C6 stake	C6 grade	GS Rough
20' Rad 1+60 ⁸³ EC						90 ⁰⁵ C0 ¹⁰	389 ²⁵	89 ²⁹ F0 ¹
1/2						89 ²¹ C0 ²⁹	389 ⁶²	
C6 end						89 ⁵⁷ C0 ²²	389 ⁴⁵	89 ²⁹ F0 ²
1+60 ⁸³ BVC	90 ⁸⁸ C0 ⁶	390 ³⁰	90 ⁴⁸ C0 ¹⁸					
C6 end						87 ⁸⁵ F0 ¹⁹	388 ⁰⁴	86 ⁹⁴ F1 ¹
1+27 ⁴	89 ⁸⁷ C0 ³	388 ⁹³	88 ⁹¹ F0 ⁰³					
1/2						87 ⁹⁹ C0 ²⁰	387 ⁵⁹	
FC, 35' Rad 0+94 ⁷⁶	88 ⁹⁰ C-1 ⁴	387 ⁵⁵	87 ⁴⁶ F0 ⁰⁹	86 ⁶⁹ F0 ⁸⁶				
20' Rad 0+90 ⁸³ BC						87 ²⁰ C0 ⁵⁸	387 ¹⁵	86 ⁹⁴ F0 ²
1/3 14° 48' 18"		387 ⁰²						
35' Rad 0+61 ⁸³ EC		86 ⁹¹	87 ⁵⁹ C0 ⁶⁸			86 ⁵⁷ C0 ⁵⁷	386 ⁰⁰	86 ⁶² C0 ⁶
2/3 29° 36' 36"		386 ⁸¹						
14° 27' 15"						86 ⁶² C0 ²⁰	385 ⁷²	
Mid Pt 44° 24' 55"	88 ⁹⁰ C2 ³	386 ⁶¹	87 ¹⁰ C0 ⁴⁹	86 ⁹⁷ C0 ²⁶				
28° 34' 35"						86 ²⁴ C0 ⁷⁹	385 ⁴⁵	86 ⁶² C1 ³
end C6								
0+52 ¹⁹ Emt Ely Row of Access Rd.								
0+00 Ely Row U.S. Hwy 395								
BM				made → 377 ⁸⁷ 193+00.2 Mon 377 ²⁷ State Hwy				
BM				Top Headwall 0-36 20' Pt FB 2139-27				

	Lt-Nly			Rt-Sly		
	Rough	Cb grade	Cb Stake	Cb Stake	Cb grade	Rough
3480	99 ²⁷ CRZ	396 ⁵⁹	95 ³⁷ F122			
^{10 Rad E.C.} 3479 ³⁵				95 ⁴² F028	395 ⁷⁰	95 ²⁹ F02
1/2				95 ⁷⁵ C020	395 ³⁵	
Cb end meet 90°				95 ⁶³ met	395 ⁶⁵	
Cb end met				95 ⁰³ met	395 ¹⁰	
3440	97 ⁰⁸ CRZ	395 ⁵⁷	95 ⁶⁶ C009			
^{1/2} 3439 ³⁵				94 ⁴⁸ F048	94 ²⁶ 395 ⁰⁵	
3400	96 ⁰⁸ C15	394 ⁵⁵	94 ⁵⁶ C001	94 ³⁹ F032	394 ⁷⁶	94 ⁰⁸ F02
2460	94 ²³ C14	393 ⁵³	93 ⁵⁰ F003	93 ²⁰ C004	393 ⁸⁶	94 ⁵⁵ C02
2440 EVC	94 ³⁰ C13	393 ⁰²	93 ⁰⁰ F002	92 ²⁵ F006	392 ⁹¹	93 ¹⁹ C03
2420		392 ⁴⁶	92 ⁵⁶ C010	92 ³⁵ F006	392 ⁴⁴	93 ¹¹ C02
2400	92 ⁵⁸ C12	391 ⁸³	91 ²⁵ F008	91 ²⁷ F005	391 ²³	
1780		391 ¹¹	91 ¹⁸ C007	91 ²⁰ F014	391 ³⁴	91 ⁰⁵ F03
				90 ⁵⁷ F007	390 ⁶⁶	

	Rough	Cb grade	Lt = Nly Cb stake			Cb stake	Cb grade	Rough
5460		402 ⁰⁹	222 C013			0131 C031	401 ⁰⁰	
5440	02 ⁰⁶ C1 ⁰	401 ⁰⁹	016 C-007					
10 Rad EC. 54394						9981 F011	399 ⁹²	0316 C-32
1/2						9959 F001	399 ⁶⁰	
Cb end						9891 F029	399 ⁷⁰	0316 C-34
5420		400 ²⁸	400 ²⁶ F002					
Cb end						9891 met	398 ⁹⁵	
5400 BVC	0134 C19	399 ⁶⁷	9965 F002					
1/2						9859 F022	398 ⁸¹	
10 Rad. BC 44994						9832 F023	398 ⁵⁵	9827 F03
4460	0109 C24	398 ⁶⁴	9863 C003					
10 Rad BC 44594						9758 Grade	397 ⁵⁹	9742 G
1/2						9746 Grade	397 ⁴⁷	
Cb end						9749 met	397 ⁵²	
Cb end						9690 met	396 ⁹³	
4420	400 ³⁰ C27	397 ⁶²	9698 F064					
1/2						9671 F011	396 ⁸²	
10 Rad BC 441940						9648 F017	396 ⁶⁵	9605 F06

	5' or Rough	LT = Nly C6 grade	C6 stake		RT = Sly C6 stake	C6 grade	5' or 68 Rough
7780	20 ³⁷ C07	419 ⁶⁴	19 ³⁰ F034				
7760		418 ¹⁷	17 ²³ F020				
meet					15 ⁶⁰ meet	413 ⁶⁷	
7740	17 ²⁴ C07	416 ⁵⁴	16 ³⁶ F018				
3/4					14 ²⁶ F031	415 ⁰⁷	
1/2					404 13 ⁹⁰ F038	414 ²⁸	
1/4 1127 on					12 ⁷⁵ F065	413 ⁴⁰	
100' Red B.C. 6798	14 ⁴⁰ C14	412 ⁹⁸	12 ⁹⁶ F002		11 ⁸⁸ F056	412 ⁴⁴	12 ⁵⁵ C01
RT 6778 BVC	12 ⁶¹ C13	411 ²⁷	11 ⁵³ C026		10 ⁶¹ F055	410 ⁶⁶	10 ⁴⁶ F02
6749	09 ⁸³ C12	408 ⁷⁹	9 ⁴ C032		07 ⁶⁸ F036	408 ⁰⁴	09 ³⁹ C14
6720 EVC	06 ⁰² F03	406 ³¹	6 ⁴⁵ C014		05 ³⁷ F005	405 ⁴²	06 ⁷⁸ C14
6700		404 ²¹	5 ⁰⁶ C035		03 ⁴⁰ F032	403 ⁷²	
5780	03 ⁶² C03	403 ³⁰	3 ⁴⁹ C019		02 ⁴⁸ C017	402 ²⁵	04 ⁶⁵ C24

	5164	Lt. Nly			5164 sly		5164 69
	Rough	Cb grade	Cb stake		Cb stake	Cb grade	Rough
9460		425 ⁸²	2544 F038		2425 F107	425 ³²	
9440	3353 C-787	425 ⁷⁶	2576 Grade		2451 F075	425 ²⁶ 59	2167 F36
9420		425 ⁵⁴	2564 C010		2458 F046	425 ⁰⁴	
9400	2900 C-38	425 ¹⁷	2549 C032		2420 C003	424 ⁶⁷	2201 F27
8480		424 ⁶⁴	2525 C061 ✓		2410 F004	424 ⁴⁴	
8460	2763 C-37	423 ²⁵	2494 C079		2334 F011	423 ⁴⁵	2151 F19
"						421 ⁷⁵	
40% ad EC. 844133					2196 F069	422 ⁶⁵	2040 F22
8440		423 ¹¹	2396 C085				
1/2					4184 2182 C004	421 ⁷⁸	
8420	2320 C18	422 ¹¹	2238 C027				
cb end						420 ⁸⁶	
8400		420 ⁹⁶	2078 F022				

	Rough	C6 grade	C6 Stake		RF-Sly		70
					Cl stake	C6 grade	Rough
C6 end					18 ⁰⁵	418 ¹³	
1/2					18 ⁵⁸	418 ⁶⁴	
11740	22 ⁰² C27	419 ³³	19 ²⁶ F007				
40' Road, B.C. 11730 ⁷²					19 ⁵⁴ C007	419 ⁴⁷	18 ³⁰ F11
11720		420 ⁶⁷	20 ⁵⁵ F012		20 ¹² F005	420 ¹⁷	
11700	25 ²⁴ C34	421 ⁸⁶	21 ⁵⁰ F006		20 ²⁵ F011	421 ³⁶	19 ⁵⁵ F15
10780		422 ⁹⁰	22 ²⁵ F015		21 ⁵¹ F059	422 ⁴⁰	
10760	28 ⁰⁰ C43	423 ⁷⁸	23 ²² F006		22 ⁵⁷ F021	423 ²⁸	20 ²⁵ F25
10740		424 ⁴⁹	24 ³⁸ F011		23 ⁴² F057	423 ⁹⁹	
10720	31 ²⁷ C63	425 ⁰⁶	25 ¹² C006		23 ⁵¹ F025	424 ⁵⁶	22 ⁰⁵ F25
10700		425 ⁴⁷	25 ⁵⁶ C009		24 ¹⁴ F083	424 ⁹⁷	
9780	35 ³⁴ C96	425 ⁷²	25 ⁵⁰ F022		24 ⁷⁷ F045	425 ²²	21 ⁹⁵ F32

		Lt-Mly			Rt-Sly		
	Rough	Obgrade	Obstake		Obstake	Obgrade	Rough
END	9341		9356		9468		9350
14+091	F03	39327	F041		CO21	39447	F12
13+80		39641	9601		9663	39521	
			F040		CO22		
13+60	9855		9808		9809		9804
	CO3	39821	F03		CO38	39721	CO3
13+40			40019		40008		
		40041	CO08		CO48	39960	
13+20	0328		206		182		0352
	C12	40241	F005		CO21	40161	C19
12+70	788		737		652		1198
	CO6	40724	CO13		F022	40674	052
40Kad E.P.	1421		1276		1131		1276
12+20 ²³	C19	412 ³⁵	CO41		F024	411 ⁸⁵	CO2
1/2					1254		
					F051	413 ⁰⁵	
band					1359		1383
12+00		414 ³⁴	1446		F045	414 ⁰⁴	F02
			CO12				
11+80	1749		1630				
	C13	416 ¹⁶	CO14				
11+60		417 ⁸²	1726				
			CO14				

	5 th Rd.	1/2 to 1 slope 30 ⁺ 75 ² F36 ⁶ 54 ²	L to Nly Cb grade 211 ⁶⁰	Cb stake 11 ⁸⁷ C027	State Cedar St 31st to Edgmont. 12-23-53 not 21172 C-017 Cb C-1 ⁰⁰ gut C5 ⁸⁷ 1e	Rt-Sly Cb stake 11 ⁸⁵ C013	Cb grade 211 ⁷²	1/2 to 1 slope 30 ⁺ 69 ⁵ F424 636	72 ⁵ Rd.
1+40	+04	714 F406 609	211 ⁸⁰	12 ⁰⁵ C025		12 ⁰³ C021	212 ⁰²	744 F378 567	+02
1+00	00	712 F414 621	212 ²²	12 ²² G		12 ⁶⁶ C010	212 ⁵⁶	785 F342 513	+15
0+75	00	706 F425 632	212 ⁸⁹	12 ⁸⁶ F003		13 ³⁷ F002	213 ³⁹	844 F292 438	+25
0+50	-03	768 F374 556	213 ⁵⁷	13 ⁵⁵ F002		14 ¹⁰ F012	214 ²²	906 F238 357	+11
0+25	-02	902 F242 363	214 ²⁴	14 ¹⁶ F008		15 ⁰⁰ G	215 ⁰⁰	015 F137 205	+16
SF.F.S. 20 th Rd. 0+10 31st.						15 ⁵⁴ C004	215 ⁵⁰	094 F163 94	00
20 th Rd. N.E.C. 0+01 31st.	+06	105 F416 69	214 ²⁰	14 ⁵³ F037		15 ⁸⁴ F007	215 ⁹¹		1/4
1/4			214 ⁹⁰	14 ⁵⁰ F040		16 ⁴ F022	216 ³³		1/2
1/2			214 ⁶⁰	14 ¹² F048		16 ⁶⁷ F007	216 ⁷⁴		3/4
3/4			213 ⁹⁶	13 ⁹² F004		17 ¹² F023	217 ¹⁵		Eq. 31st.
w/ly curb, pad 0-19 Pak						18 ⁴⁴ F006	218 ⁵⁰		+276
BC 31st.			213 ³¹						

5°/16A.	1/2 to 1 slope 30'	Ob grade	W C	W C	Wt-Sly Ob stake	Ob grade	1/2 to 1 slope 30'	5°/16A.
1/2 2758 ⁶⁵					1419 F0 ⁸⁸	214 ²⁷		
Wt. 20 105 ²⁴ 2746 ¹⁵					13 ⁹⁰ C0 ¹³	213 ⁷⁸	674 F4 ⁶⁶ C6 ⁹⁹	02
EC			215 ⁸¹	meet				
3/4			215 ⁰⁸	1468 F0 ⁴⁰				
1/2			214 ³⁵	1436 C0 ⁰¹				
1/4			213 ⁸⁷	1395 C0 ⁰⁸				
80. Wt. 2000 ³ 2726 ¹⁵	+08	086 F5 ⁰ C	213 ⁴⁰	1343 C0 ⁰³				
FV.C	+02	205 ² F81 C	213 ¹⁵	1324 C0 ⁰⁹	1293 C0 ¹⁴	212 ⁸²	654 F47 ² C71 ¹	-12
2700	+10	952 F162 C25 ⁰	212 ⁴²	1255 C0 ¹³	1227 C0 ⁰⁷	212 ²⁰	625 F49 ² C74 ⁸	-06 ⁷⁰⁰⁴
1780	+03	880 F241 C361	211 ²¹	1205 C0 ¹⁴	1183 C0 ⁰³	211 ⁸⁰	630 F49 ⁰ C73 ⁵	-02
1760	+10	805 F313 C462	211 ⁶⁴	1181 C0 ¹⁷	CO ²⁷⁰⁶ C10 ⁹ gut C6 ⁸⁵ ie	211 ⁶⁴	642 F47 ⁵ C71 ²	02
2 inlets	F497	NW 206 ⁶⁵	2116206	NE 20690	F522 F432 C040	F455 SE F372 20713 C-163	2116806 SW 21085 gut 20736 20550 ie	F432 F349 C-186
1750	F411 C065		21079 gut 20600 ie			C232 20732	20500 ie L. 180.P. 16554 of 06 line	

At-S by
C6stake C6grade 1/2 to 1
stake

74
5762

at end of
3426¹⁵

met 217⁰

ES. M
2496¹⁵

1632
C052 215⁸⁰

W
2483⁶⁵

1602
C075 215²⁷

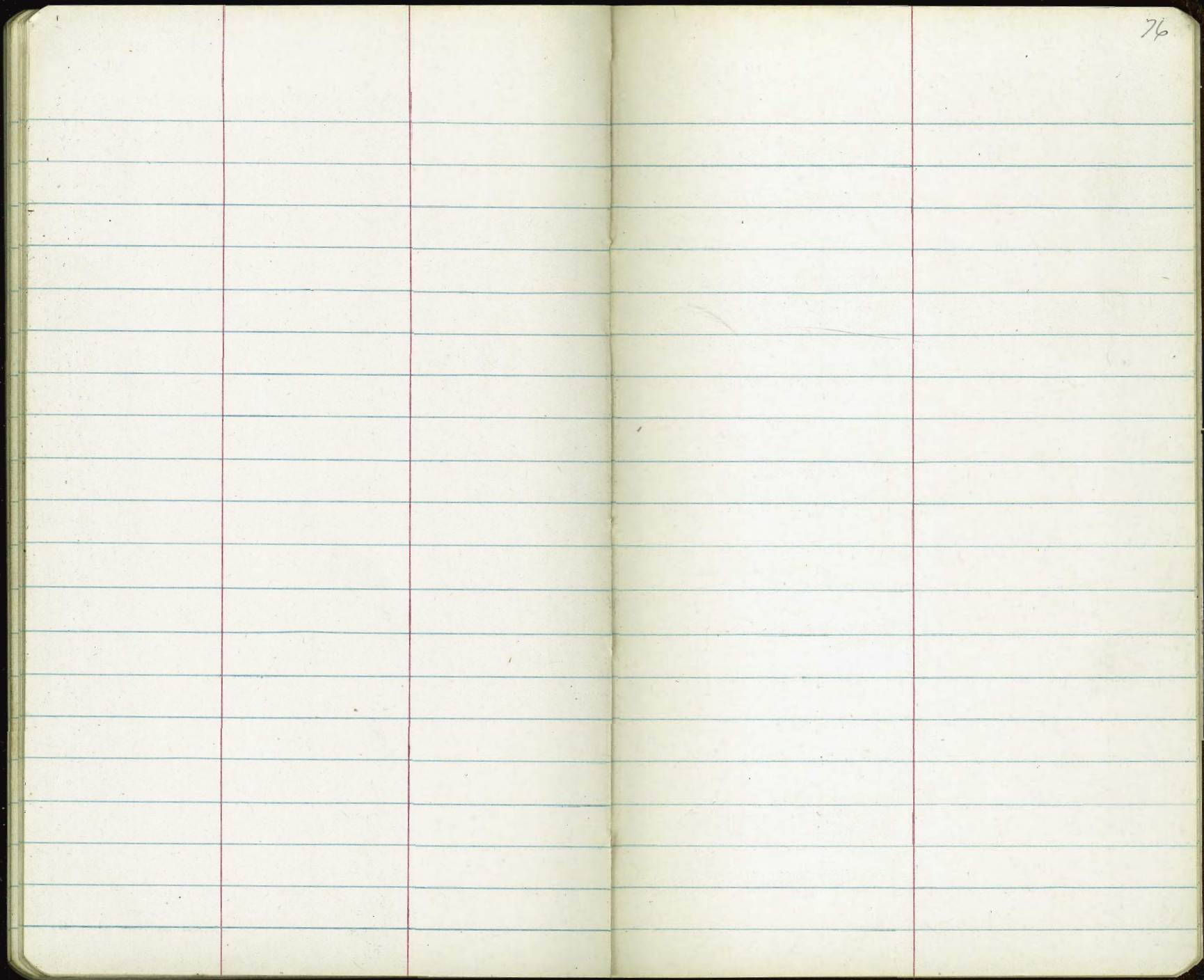
PAC RT
2471¹⁵

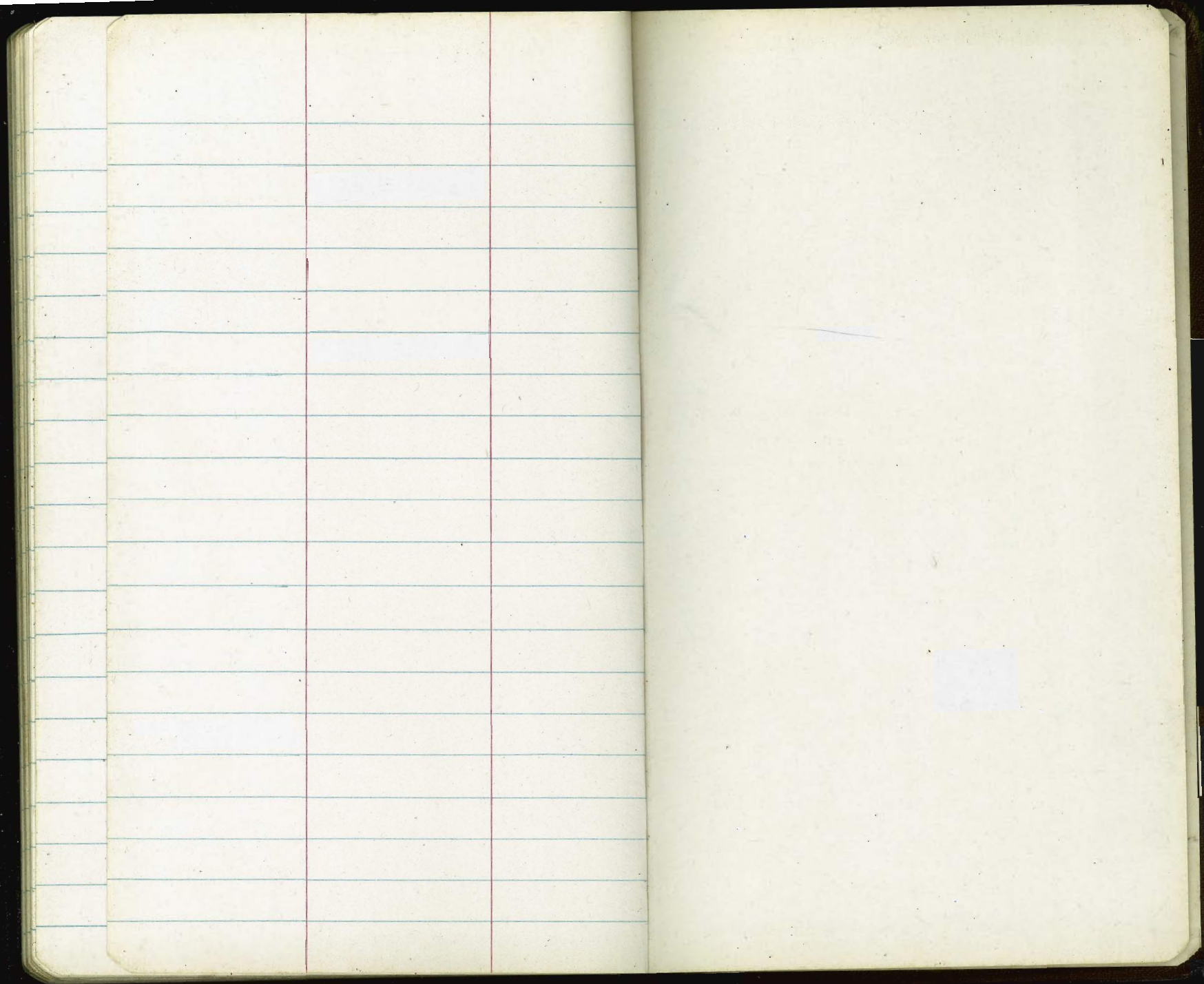
1510
C035 214⁷⁵

3222
68
F462
C693

-17

The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. A vertical red margin line is present on the left side of each page. The right page has the number '25' written in the top right corner. The notebook is bound in the center, and the pages are otherwise blank.





9115
454
8657

618
1237
613
116
30
480
80

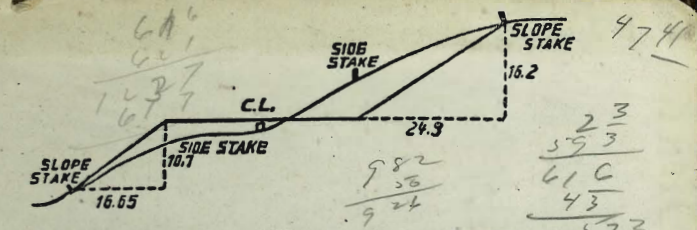
5863
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915
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457

6048
326
5722
6125
458
667

990
458
332

106263
35
1029783
1883
111646

29363
1062183
1354
135244
11446
240



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

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

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

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