

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

MICROFILMED

APR 15 1965

¹ Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

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

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.89	.99	1.09	1.20	1.31	1.42	1.54
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	3.18	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	.877	.971	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

Stake Alley Blk 76 Pacific Beach ^{Btw Bayard & Cass} Beryl & Wilbur 1
 Stake Alley Blk 25 Ocean Beach ^{Btw Newport & Santa Monica} 2-3
 Stake Alley Blk 66 Ocean Beach 4-6
 Stake Byron St Scott to Mean High Tide Line 7-8
 Stake Haines St Garret to Felspar 9-10
 Stake Well St Atascadero to Tenneyson 11-14
 Stake Storm Drain Elephant & Oboro Int 15
 Stake Sewers Mission Bay Park tract 16-24
 Stake Elephant St Capistrano to Clove 29-31
 Stake Clove St Macaulay to Elephant 32-34
 Stake Newell St 35-37
 Stake Udall St & Plum St 39-38
 Stake Oliver St Lamont to Oldrey 39-45
 Stake Pacific Beach Dr Lamont to Hayes ^{Moyrell} 46-49
 Stake Alley Blk A Sunset 50-52
 Stake Alley Blk 220 Pacific Beach 53-
 Stake Alley Blk 199 Pacific Beach 54
 Stake Sewer Oldrey & Beryl St 55
 Stake Beryl St Oldrey & Noyes 56-61
 Stake Grand Ave Ingraham to Cass 66-79

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

stated
3'04

Stake Alley BIK 76
Btwn Bayard + Cass
Beryl + Wilbur
Lt = Nly

wot
32262
5725754

Rt = Sly

2710

FO⁰⁸ 3⁸¹ 73⁹² 73⁶² 3⁸¹ CO¹⁹

1480

CO¹² 3⁹⁴ 73⁸² 73⁵² 3⁵² G

1750

CO³⁹ 4¹⁰ 73⁷¹ 73⁴¹ 2⁹⁴ FO¹⁷

1420

CO²⁸ 4⁵⁹ 73⁶¹ 73³¹ 3⁰³ FO²⁹

0490

CO⁶¹ 4¹¹ 73⁵⁰ 73²⁰ 2²⁰ FO⁵⁰

0460 EVC

CO²⁸ 4³⁸ 73⁴⁰ 73¹⁰ 2⁴⁹ FO⁶¹

0440

CO⁴⁵ 3⁷¹ 73²⁶ 72⁹⁷ 1⁸⁷ FO¹⁰

0420

CO⁶⁴ 3²² 72⁵⁸ 72²⁷ 1²⁷ FO⁴⁰

0410

CO⁴⁶ 3⁴⁶ 72⁰⁰ 71⁸⁷ 1⁸¹ FO⁰⁶

0400 Ely Bayard St

71³⁶

71³¹

BM

67⁰³

7x7x21
NW cor
Beryl +
Bayard

Lt = Nly

5702 meet Wly Cass 77²⁷

4780

CO⁵⁵ 7²⁵ 77²⁰

4760

BVC, CO⁶¹ 7²⁹ 76⁶⁸

47266

CO⁸⁶ 6²¹ 76⁰⁵

3793³

CO¹² 6⁵³ 75⁴³

3785

3760 EVC

CO¹⁰⁹ 5⁸⁹ 74⁸⁰

3740

CO¹⁰⁷ 5⁵⁴ 74⁴⁷

3720 BVC

CO⁸⁸ 5¹⁹ 74³¹

3700

CO⁷⁶ 5⁰⁰ 74²⁴

2780

CO²⁶ 5⁴³ 74¹⁷

2760

CO²⁸ 5³⁸ 74¹⁰

2740

CO⁰⁸ 4¹¹ 73⁰³

7686

7622

7658

7588

7519

7450

7417

7401

7394

7387

7380

7373

Rt = Sly

679

645

574

464

442

510

403

451

457

446

455

6926
7640
6669

223 BK
69294 BK 6529

163 BK

31 BK

09 BK

Live

07 W

1

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

Stake Alley BK R5
Lt-SL 364
Rt-Nly 318K

Ocean Beach

Lt-Sly

WO# 32350
6/9/54
Rt-Nly

1780 752 Co29 77³⁰ 77³⁰ 729 Fo01

018 BK 61³⁰ C-1/31 59²⁹

59²⁹ 60²⁴ Co25

1760 933 Fo09 79⁴² 79⁴² 945 Co23

078 BK 321 C-1/39 61⁸²

61⁸² 153 Fo29
6262 5677 425 BK
C585

1740 102 BK 523 C3⁶¹ 81²⁵ 81²² 194 Co22

093 BK 634 C-2/69 63⁶⁵

63⁶⁵ 380 Co15

1720 101 BK 688 C2⁷² 84¹⁸ 84¹⁸ 435 Co17

641 C0²³ 65⁴⁸

65⁴⁸ 601 Co53

1710 104 BK 759 C2¹⁴ 83⁴⁵ 83⁴⁵ 501 Fo44

055 BK 842 C-1/11 67³¹

67³¹ 786 015 BK
Co55

0790 085 BK 920 C-1/76 87²⁴ 87²⁴ 807 Co13

013 BK 7353 C-4/40 69¹³

69¹³ 967 Co56

0770 074 BK 211 C1²⁹ 90³² 90³² 033 Co01

155 C-1/13 70⁴²

70⁴² 073 Co51

0745 210K 419 Co02 93²² 93²² 261 Fo61

525 BK 4139 C-2/47 71⁹⁰

71⁹⁰ 244 Co54

0720 664 Co01 96¹³ 96¹³ 533 Fo80

66⁰⁹ C-7/68 352 G 73⁵²

73⁵² 381 Co29

Wly Front St.
0700 99⁰⁹ Meet 98²⁵ 98²⁵ Meet 98³⁰

543 Co0 75³³

75³³ 584 082 BK
Co53

LT = Sly E RT = Nly

5499 ²¹	43 41 ²	46 ³	46 ⁴⁰	46 ⁴⁰
5480	0 ²⁷	C-1 ²⁹ 48 ⁴⁰	48 ⁴⁰	1 ²⁵ C-2 ²⁵
5460	1 ⁵⁷	C-1 ²³ 50 ³	50 ³⁶	2 ²¹ C-2 ³⁵
5440	3 ³¹	C-1 ¹¹ 52 ²⁰	52 ²⁰	4 ²⁵ C-2 ⁰⁵
5420	4 ¹⁸	C-0 ²⁹ 53 ⁸⁹	53 ⁸⁹	4 ¹⁸ C-0 ⁵⁹
5400	5 ²⁶	C-0 ⁵¹ 53 ⁴⁸	53 ⁴⁸	6 ⁰⁸ C-0 ⁶³
4480	8 ¹⁵	C-1 ²⁸ 56 ⁸⁷	56 ⁸⁷	6 ⁰³ 079 ⁸⁴ C-3 ¹⁶
4460	8 ⁷²	C-0 ⁷⁶ 58 ⁶	58 ¹⁴	8 ⁵⁶ C-0 ⁴⁰

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

INDEXED
JER
JUL 18 1955

Stake. E+W Alley BIK

66 Ocean Beach

W0#32189 4

Lt=Sty

318K unless noted Rt=Nly 31BK

Lt=Sty

Rt=Nly 7-29-54

2+00

3345
CO 45 3228 3268 3254
FO 14

4400 CO 34 45 51 45 12
3+95 70 dia 45 51
CO 37 44 24

4487 45 10 20 BK
CO 23

1+80

3320
CO 20 3220 3126 087 BK
C 12

3+80

4389 44 21
CO 12

1+60

089 BK 32 30
CO 67 3163 3133 013 BK
CO 95

70 dia
3+75 7 6 43 21

1+40

074 BK 31 20
CO 64 3126 3096 078 BK
32 29 33
C 1 33

3+70

5 BK 43 21
CO 31 43 60

1+20 BYC

3116 19 89 3062
FO 03 3109 3072 FO 27

3+60 BYC

43 11 42 22
CO 12 42 29 42 69 CO 08

0+95

3110 30 20
FO 21 3111 3081 FO 11

3+30

42 34 41 37
C 1 29 41 05 40 25 CO 62

0+70

013 BK 31 55 04
CO 51 3174 3074 30 23
FO 1

3+00

39 22 38 87
CO 14 39 08 38 28 CO 09

0+45

3115 96 66 30 22
CO 12 30 86 30 54 CO 13

2+70

20 BK 37 88 37 36 138 BK
CO 25 37 13 36 83 CO 53

0+20 BK

3121 89 59 30 21
CO 82 30 79 30 79 CO 32

2+40 EVC

123 BK 35 36 35 23 112 BK
CO 18 35 12 34 88 CO 85

0+00 Wly Cable St.

30 21 30 27
30 60 30 39

2+20

118 BK 34 84 33 21 33 67 33 22
CO 87 CO 12 118 BK

BM

28 58 SEBP
Cable
Coronado

Lt = Sly
Edw Alley B/K 66 O.B.
RT = Nly
3' or unless Noted

Sly N/S Alley B/K 66 O.B.

5

Lt = Wly

RT = Ely

1438⁸ 7 5 45⁵¹
72 dia Co 57 44²⁴ 43²¹ 43²¹ G

1433⁸ 45⁵¹
Co 44 45⁰⁷ 44²⁴ 43²¹
FO 33

1420 15⁰ BK 46⁰⁴
Co 58 45⁴⁶ 45¹⁶ 44²⁸
FO 37

0190 0²³ BK 46⁷⁵
Co 51 46²⁴ 45⁹⁴ 45⁷⁶
FO 18

0160 E.V.C. 47⁰
Co 29 47⁰² 46⁷³ 46³⁶
FO 32

4+445 5⁰⁴ Sly
out line
extended

46⁴²
FO 18 46⁶⁰

0140 46¹²
Co 79 47³³ 47⁰⁰ 46⁵¹
FO 49

727
4+25 dia 5

4466
45⁷⁹ F113

0120 48¹⁴
Co 24 47²³ 46⁸² 46⁴⁷
FO 35

4+20

207 BK 46⁴⁷
Co 24 45²³

4466 5⁰ BK
45⁶³ FO 27

0100 Nly Del Mar Ave.
46²¹ 46¹⁵

Nly N+S Alley B/K 66 O.B.

Lt. Wly

Rt. Fly

3' BK unless noted

514
1738 & Coronado Ave

4181

4179

4084

1720

03 BK

4323

C138 4255

4225 F032

4230

1710 @ Fly

3874

C-356

0780 FVC

03 BK

4522

C139 4453

4423

4282

F141

0760

4560

C012 4541

4522

4357

F165

0740

20 BK

4566

F039 4605

4594

4427

F167

0720

10 BK

4666

C020 4646

4613

4470

F143

0705

4588

F122

4466 50 BK

0700 L 282 dia

130 BK

4699

C025 4664

4579

4466

F113

D. Smith
INDEXED
JUL 18 1955

Stake Byron St.		Scott to Mean High tide Line				Rough	5' BK Prop	Grade	CL	C6	Grade	Rough
Rough	grade	C6 3' BK	C6 3' BK	Grade	Rough 5' BK Prop			C6 3' BK	C6 3' BK	Grade	Rough	
1+40 BVC	365 C062	303	321 C028	382 C026	356	425 C069	Shafter					
1+69 25	419 C044	425 C048	377 C015	392 C012	438 C021	477 C062	End Meet	169 met	met	164 Foot	165	
0+78 50	510 C06	531 C020	451 C029	480 C029	513 C025	478 C020		172	169 Foot	190 C020	120	
0+47 70	626 C101	525	562 C037	615 C076	539	652 ft. C113	2+83 07 BC	234 C059	175	177 C002	201 C026	175 C054
FC Byron St. 0+17 90	697 C077	600	625 C025	654 C054	600	704 C104	2+57 5	237 C053	184	214 C020	222 C016	206 C025
3/4 77 30		634	631 F003	642 C008	634		(W)ht 2+26	245 C053	722			
1/2 40	5/10 660	587 F023	646 F026	672			(R)ht 2+20 EVC	183 F04	124	228 C034	254 C028	236 C088
1/4 22 30	55 625	571 F004	656 F044	702			2+00	247 C02	205	244 C044	293 C031	259 C100
BC Scott St	677	met	met	718			1+80	247 C028	227	284 C057	323 C037	286 C024
BM				667	end existing C6 RT		1+60	287 C027	260	304 C044	350 C031	319 C021

22385
10/6/54
7

1/2 ft. of 2 1/2" dia. = 1/2 ft. dia.
chord of 21.32' = 13.2'

FB2186-52

	LT				RT				LT				RT				
	Rough	Grade	cb 304	cb 304	Grade	Rough 253		5' or less Rough	Grade	cb 304	cb 304	Grade	Rough				
1707	240 609	242 C022	168 C019	177 C026	151	257 C108											
① LT 0780 ① RT		222 C808 - 581				245 C806											
0777	241 C12	223 C086	137	158 C021	146 C008	246 C108	1784 20					meet	86 185				
② RT 0775		218 C082	136			247 C110	1767						164 F003	172	272 C029		
0747		205 C081	124	134 C010	165 C040	244 240 C119	1760 ① RT 1756 2 Meet cb LT.								270 C772		
0725 ① RT						234 C114	1755 ① RT						170 170	meet		281 C021 C114	
② RT 0720						226 C813	252 C02	233 C07	162	172 C010	171 C007	164	270 257 C106 42				
0717 EC		167 C055	112	116 C004	meet	114 112	1730 ① RT	237 C778	54								
1/2 221230 44251 end meet shafter			106	100 F006			① RT 1725 ① RT	240 C083	157						282 C081 C123		
			099	meet			1720 ① RT								262 C807		

Vertical line 2 1/2 x Shuwa

D. Smith
 JUL 10 1870
 1470

Stake H' BK of Face

Stake Haines St

Garnet to Felspar

Worth 32333
 10/15/54 9

Lt = Wly
 Rough Grade Cb

Rt = Ely
 Cb Grade Rough
 det in

1470	1 BK	CR2 127	6964	
1478 ⁸⁹	4' Alley Mad Pt Haines BC	CR2 163	6957	
	Alley EC		6963	
Nly Alley @ Prop			7005	1/2 cbfacc 100
Sly Alley @ Prop	stake 4' Wly Jade @ Prop		6987	1/2 cbfacc 100
	Alley EC		6955	
1470 ⁸⁹	4' Alley Mad Pt Haines BC	CO3 974	6945	
1470	2 BK	FO8 861	6938	
0475	1 BK	FO8 876	6930	
0150	2 BK	FO7 856	6921	
0425	2 BK	FO7 868	6912	
0400	Nly Garnet		6903	meet

			6992	7000 Col
			6980	920 Col
			6986	
			7018	
			6991	
			6959	
			6948	927 Col
			6934	966 Col
			6917	966 Col
			6900	860 Col
			6883	880 G
			6866	

BM

Nw 7' Lot
 6917 Garnet & Haines
 FB 2293

Lt = Wly
Rough Grade 06

Staked 4' BK 06 face

10
Rt = Ely
06 Grade Rough

Sly Proj
276978 Folspar

70⁰⁰ Meet

Meet

70⁴⁷ ↑

BC of 30' bed
275978 Felspar

69⁹⁶

70⁴²

1' BK
2745'

013 123 6991

70³⁴

3' BK
70²⁸ 00L

1' BK
2720

021 124 6982

70²⁰

1' BK
00352 00L
0211
70⁰⁶ 00L

1795'

1' BK
021 122 6973

70⁰⁶

Stake Wells St
 Atascadero to Tennyson

	Rough	Grade	CS			RT = E14 C6	Grade	Rough
EC, on Alley		139 ¹¹	864 FO 47			724 FO 36	137 ⁶⁰	
1+45 ⁰⁰ Nly Alley line	C13 40 ⁵¹	139 ³⁹	900 FO 39	000		719 FO 69	137 ⁸⁸	723 G
1+30 ⁰⁰ Sly Alley line	C16 167	140 ⁰⁸	140 ²⁰ CO 82	5/10		915 CO 52	138 ⁶³	853 FO 1
EC, on Alley		140 ²⁰	6031 14051			CO 10 885	138 ⁷⁵	
1+26 ⁰⁰ BC		140 ⁶⁶	FO 15			FO 36	139 ²¹	
0+90	C26 651	143 ⁹³	356 FO 37			121 FO 20	142 ⁶¹	228 CO 1
0+50	C20 958	147 ⁵³	751 FO 22		146 ⁴⁰	536 F104	146 ⁴⁰	625 FO 1
0+30	C13 5020	149 ⁶⁴	942 FO 22		148 ⁴⁷	711 F113	148 ³⁰	745 FO 8
D+10 BC cb	C25 547	152 ²⁰	156 FO 64		150 ⁶⁰	936 FO 44	149 ⁸⁰	920 FO 6
0+00 Nly Prop Atascadero						4727 FO 1	150 ¹⁰	1/4
Mid Pt.	5/10	153 ²⁸	308 FO 20			5064 CO 44	150 ²⁰	1/2 0 5/10
						5048 CO 36	150 ¹²	3/4
Meet		454 at 84 154 ¹³				Meet	149 ⁸⁷	EC Atasc.

BM

106²²

Prop
Sw. Mod
Tennyson
2 W. 115

64
37
W0# 32179
10/19/59
RT = E14
C6
11
158 Prop
Rough

	1/8x P ₁₀₀ Rough	Lt = Wly Grade	C6
Meet	5/10	read met 126 ⁶⁴	met
Mid Pt.	5/10	126 ²⁵	674 FO ²¹
R415 ⁰⁵ Sly P ₁₀₀ Alicia			
R465 ⁰⁵ BC	C52 3 ⁵⁵	127 ⁶⁵	763 FO ⁰²
R445	C3 ² 33 ²¹	129 ⁶²	915 FO ⁴⁷
R425	C3 ² 47 ⁶	131 ⁵⁵	754 FO ⁰¹
R405	C3 ² 64 ⁸	133 ⁴⁴	348 CO ⁰⁴
R485	C2 ¹ 73 ⁹	135 ²⁸	524 FO ⁰⁴
R490 ² EC, Hwy		138 ⁵⁵	864 CO ⁰⁹

£

126⁹⁰

128⁵⁷

130³³

132¹²

133⁹⁵

	At = Ely	12 110ft ₁₀₀ Rough
meet	Grade 125 ¹¹	EC ₁
606 CO ¹³	125 ⁹³	3/4
623 FO ⁰⁸	126 ³¹	1/2
653 FO ¹⁵	126 ⁶⁸	1/4
678 FO ²⁶	127 ¹⁴	7 ⁰³ FO ¹
848 FO ⁰⁸	128 ⁵⁶	9 ⁰² CO ⁵
982 FO ²⁹	130 ¹¹	9 ⁵² FO ³
181 CO ⁰²	131 ⁷⁹	30 ⁷² F14
328 FO ³⁴	133 ⁶²	3 ⁰³ FO ⁶
724 CO ²¹	137 ⁰³	

	18km Rough	Grade	C6	
ES. on Alley		115 ⁰⁶	4 ⁰⁴ F1 ⁰² 5 ⁰⁹	
1445 ⁰¹ Nly Linn Alley	C05	5 ⁸⁴	115 ³⁰ F021	5 700
1430 ⁰¹ Sly Linn Alley	C15 12 C15	7 ⁶²	115 ⁸⁸ 7 ⁰³ C14	38 100
FC. on Alley		115 ⁸⁸	C055 643	
1426 ⁰¹ BC		116 ¹⁴	C029	
1400	C30	0 ⁸²	117 ⁸³ 74 F022	
0470	C12	0 ⁸⁰	119 ⁷⁸ 958 F020	
0440	C14	3 ¹⁰	121 ⁷³ 143 F030	
0410 BC	C32	6 ⁸⁶	123 ⁶⁸ 341 F027	123 ²¹ 288
0400 Nly Alicia				
Mid Pt.	53 Two	124 ³³	4 ¹⁸ F015	
Meet	58 100	125 ⁰³ read meet		

	C6	Grade	Rough
			13 18km
	3 ³² F037	113 ⁶⁹	400 C03
	4 ³⁸ F032	114 ⁷⁰	0.5 in 5 ¹⁴ C08
	6 ³⁵ F035	116 ⁷⁰	7 ³¹ C06
	8 ³⁸ F032	118 ⁷⁰	9 ⁰² C02
	20 ⁴⁰ F030	120 ⁷⁰	10 ⁰⁰ C03
	22 ⁸ C028	122 ²⁰	2 ⁶⁶ C
	3 ³³ C026	123 ²⁷	1/4 } 5/10
	381 C023	123 ⁵⁸	1/2
	367 C010	123 ⁵⁷	3/4
Meet	Meet	123 ¹⁶	EC

185 P. up Lt = Wly

Rough Grade CG

Tennyson

Meet

Mid Pt.

Z465 BC

Z435

Z405

1475

1449⁰¹ BC

67-23
100 obface

read
met
106⁸⁵

53
100 obface

106⁷⁵

686
C011

C42 11²¹

107¹⁰

710
G

C37 12²⁷

109⁰⁵

896
F009

C23 33¹

111⁰⁰

10²¹
F059

C15 45⁷

112⁹⁵

258
F037

114⁶⁴

404
F060

2

RT = Ely

14

CG Grade Rough

meet

104²¹

67
100 obface

455
C025

104⁵⁰

64
100 obface

486
C007

104⁷⁹

58
100 obface

547
C025

105²²

52
100 obface

581
C012

105⁶⁹

594
C03

773
C022

107⁶⁹

833
C06

963
F006

109⁶⁹

080
104
C07

148
F021

111⁶⁹

1205
C04

106⁴⁰

607

Stake Storm Drain
 011 phant & clove int

Wot 3/738

85¹⁴ wly cb 90¹⁰
 5/8 cb face C-4²⁶

89¹¹ C-3⁸⁷
 85⁰⁷ wly cb
 6/8 cb face

84¹⁷ gate C-5⁶⁴
 98¹

10' El. wly
 8' dia
 1445¹³ inlet
 A-2

85⁰⁰ cb C-4⁸¹

5' dia
 8' dia
 8' dia

80⁶⁷ ic C-9¹⁴ ie

1420¹³

78⁷²

89¹⁶ C-10⁴⁴
 10' dia

C-16 85⁷⁴ 84⁶⁰ wly
 5/8 cb face

10' dia wly on cb
 8' dia
 0495¹³ inlet
 A-2

83⁷² gate C-3³⁶
 87⁰⁸
 84⁵⁵ cb C-2⁵³
 87⁰⁸
 84²³ wly cb C-2⁴⁵
 5/8 cb face
 76⁷¹ C-10³¹

0475

75²⁰

86⁷⁸ C-11⁵⁸
 10' dia

0450

73²⁵

81⁶¹ C-8³⁶

0425

71³⁰

78⁰² C-6⁷²

2 Headwall
 10+00 end Pipe

69³⁵

74⁵⁹ C-5²⁴ ie
 8' dia footing wall

D. Smith
J. Rorer
R. Taylor
R. Hamilton

Sewer Mission Bay Park

INDEXED
JER
JUL 18

Grand Ave staked S. N. W.

W04 32302
12/6/54

4750	-325	262	C637
4720	-369	213	C582
4702 ²⁹ SMH #2	-366	236	C602
3790	-363	247	C610
3760	-357	237	C594
3730	-351	232	C583
3700	-345	205	C550
2770	-339	214	C553
2740	-333	197	C530
2710	-327	184	C511
1780	-321	213	C534
1750	-315	172	C487
1740 ²⁰ SMH #3	-313	167	C480
1720	-309	147	C456
0790	-303	143	C446
0760	-297	138	C435
0730	-291	131	C422
0700 Meet D.F.	-285	101	C386

BM

City Station

497

FB 2273-28, 20

Hub
S. Grand
S. Grand

10783 ²⁷ D.F.	-262	021	C211
10750	-272	024	C276
10720	-281	022	C259
10703 ²⁷ SMH #27	-286	011	C275
9790	-290	063	C353
9760	-289	175 128	C474
9730	-308		C436
9700	-347	116	C433
8770	-326	162	C488
8740	-335	134	C469
8710	-344	081	C435
7780	-353	045	C328
7750	-362	051	C413
7720	-371	002	C373
6790	-380	006	C374
6764 ³⁸ SMH #1	-388	036	C424
6730	-418		C454
6700	-441	109	C520
5770	-405	199	C604
5740	-399	219	C618
5710	-393	229	C622
4780	-387	269	C656
	-381	252	C633

1+40	SMH # 12	-245	228 C5 ²³
1+10		-251	255 C5 ⁰⁶
0+80		-257	243 C5 ⁰⁰
0+50		-263	248 C5 ¹¹
0+20		-269	258 C5 ²⁷
0+00	Meat DF.	-273	257 C5 ³⁰

Staked No. 207 1445

002

Alley Bk 32

11 19 10 out
 11° in in
 -409 Figueroa
 502
 199
 701
 11 12 20
 415
 18

Figueroa St.

5130	2° 58.3918'	-127	62° 0747				
5100	2° 34.1428'	-136	86° 01001				
4170	2° 09.8938'	-145	95° 01103				
4140	1° 46.6448'	-154	95° 01104	SMH # 30 2162 ²⁰	2° 50.68	-339	11 93 518 C 6 75
4110	1° 21.3958	-163	937 01100	2135 ⁸		-346	12 00 534 C 6 66
3480	0° 57.1468	-172	94° 01117	2109 ⁶		-353	12 07 543 C 6 64
3450	0° 32.8978	-181	82° 01059	1483 ⁴		-360	12 14 551 C 6 63
3420 MH # 28	0° 08.6488'	-190	847 01037	1457 ²		-367	12 21 565 C 6 46 56
3400		-196	807 01003	1431 ⁰		-374	12 28 586 C 6 42
2470		-205	765 0920	1404 ⁸		-381	12 35 600 C 6 35
2440		-214	749 0963	6478 ⁶		-388	12 42 623 C 6 19
2410		-223	753 0976	0452 ⁴		-395	12 49 632 C 6 17
1480		-232	531 0763	0426 ²		-402	12 56 634 C 6 22
1450		-241	509 0750	SMH # 1 0400 Grand Figueroa		-409	
1420		-250	277 0527				
0490		-259	237 0423				
0460		-268	255 0522	6400 SMH # 29	3° 54.9728		-106 692 C 7 98
0430		-277	265 0542	5790	3° 46.8898		-109 680 C 7 89
0400 MH # 27		-286	-01 0275	5460	3° 22.6408		-118 759 C 8 77

-003-11-18

Figueroa St

Alley BIK 28

19

7122 ⁵⁵	SMH # 32 ^{end} 8° 33.687'	-2 ²¹	15 ⁰⁶ 3 ⁵⁷ C11 ⁴²	100' DE plug	-1 ⁸² 3 ³² C5 ¹⁴	120' -1 ⁷⁶ 5 ⁰² C6 ⁷⁸
7112 ²	8° 26.0470'	-2 ⁰⁴	15 ⁰⁹ 3 ⁵² C11 ⁴⁷	90'	-1 ⁸⁵ 3 ³⁴ C5 ¹²	90' -1 ⁸⁵ 4 ²⁷ C6 ⁶⁸
6482 ²	8° 03.6892'	-2 ¹³	15 ¹⁸ 3 ⁵⁹ C11 ¹⁹	60'	-1 ⁹⁴ 3 ⁵⁵ C5 ⁴⁹	60' -1 ⁹⁴ 4 ⁴⁷ C6 ⁴⁴
6452 ²	7° 41.3314'	-2 ²²	15 ²⁷ 4 ²³ C10 ²⁴	30'	-2 ⁰³ 3 ⁷³ C5 ⁷⁶	30' -2 ⁰³ 4 ¹⁸ C6 ²¹
6122 ²	7° 18.9736'	-2 ³¹	15 ³⁶ 4 ²¹ C10 ⁵⁶	Wly Hornblond L		Ely Hornblond L
5492 ²	6° 56.6158'	-2 ⁴⁰	10 ²⁴ 0 ⁸⁴ C10 ¹⁰			
5462 ²	6° 34.2586'	-2 ⁴⁹	11 ⁰³ 1 ³² C9 ⁷¹	3436 ²³ SMH # 4	-2 ¹²	{ 377 C609 NW 707 399' C611 SE 717
5432 ²	6° 11.9002'	-2 ⁵⁸	11 ¹² 1 ⁷⁵ C9 ³⁷	3400	-2 ²³	475 C6 ⁹⁸
5402 ²	5° 49.5424'	-2 ⁶⁷	11 ²¹ 2 ¹⁹ C9 ⁰²	2470	-2 ³²	453 C6 ⁸⁵
4497 ⁵⁵	SMH # 31 5° 46.100'	-2 ⁶⁹	11 ²³ 2 ³¹ C8 ⁹²	2440	-2 ⁴¹	424 C6 ⁶⁵
4472 ²	5° 27.1846'	-2 ⁷⁶	11 ³⁰ 2 ²⁸ C8 ⁵²	2410	-2 ⁵⁰	440 C6 ⁹⁰
4442 ²	5° 04.8268'	-2 ⁸⁵	11 ³⁹ 3 ²⁷ C8 ¹²	1480	-2 ⁵⁹	429 C6 ⁸⁸
4412 ²	4° 42.4690'	-2 ⁹⁴	11 ⁴⁸ 3 ⁶³ C7 ⁸⁵	1450	-2 ⁶⁸	385 C6 ⁵³
3482 ²	4° 20.1112'	-3 ⁰³	11 ⁵⁷ 3 ⁸⁷ C7 ²⁰	1420	-2 ⁷⁷	349 C6 ²⁶
3452 ²	3° 57.7534'	-3 ¹²	11 ⁶⁶ 4 ¹³ C7 ⁵³	0490	-2 ⁸⁶	364 C6 ⁵⁰
3422 ²	3° 35.2956'	-3 ²¹	11 ⁷⁵ 4 ⁴³ C7 ³²	0460	-2 ⁹⁵	374 C6 ⁶⁹
2492 ²	3° 13.0378'	-3 ³⁰	11 ⁸⁴ 4 ⁷⁸ C7 ⁰⁶	0430	-3 ⁰⁴	360 C6 ⁶⁴
2462 ²⁰	2° 50.881' SMH # 30	-3 ³⁹	11 ⁹³ 5 ¹² C6 ⁷⁵	0400 = SMH # 3	-3 ¹³	

Alley + Grad 20' line

7120 -0²² 763 C-8⁶⁰6190 -1⁰⁶ 702 C-8⁰⁸6160 -1¹⁵ 661 C-7⁷⁶185 DF -0⁹⁴ 5²⁶ C-6²⁰160 -1⁰¹ 5⁴⁹ C-6⁵⁰130 -1¹⁰ 5²⁵ C-6²⁵Why Magnolia
6446²³ ²⁰ 6²³ C-7⁷² ³⁹ 717NWE Magnolia
SMH #5 -1¹² 6⁴⁷ C-7⁴⁶ 727SE6130 -1²⁴ 6⁴⁵ C-7⁶⁹6100 -1³³ 7¹⁶ C-8⁴⁹5170 -1⁴² 7¹⁷ C-8⁵⁹5140 -1⁵¹ 6⁷⁹ C-8³⁰5110¹⁰⁰³ -1⁶⁰ 6⁶² C-8²²4180 -1⁶⁹ 6⁶³ C-8³²4150 -1⁷⁸ 6¹⁰ C-7⁸⁸4120 -1⁸⁷ 6¹⁰ C-7⁹⁷3190 -1⁹⁶ 5⁷² C-7⁶⁸3160 -2⁰⁵ 4⁶⁰ C-6⁶⁵Magnolia + Figueroa
13110³¹ SMH #4 10⁰⁸ 11¹¹ C-10³¹12190 0²⁴ 10²³ C-10²⁹12160 0⁶⁵ 10⁵⁸ C-9⁹³12130 0⁵⁶ 11⁰⁴ C-10⁴⁸12100 0⁴⁷ 11²⁰ C-11⁴³11170 0³⁸ 12⁰⁶ C-12⁵⁸11140 0²⁹ 13⁰³ C-12²⁴11110 0²⁰ 12²⁸ C-12⁶⁸10180 0¹¹ 12¹³ C-12⁰⁸10157³¹ SMH #9 0⁰⁴ { 11²⁰ C-11⁷⁶ separate, 1124
11⁶³ C-11⁵⁹ 5690' best SE10120 -0⁰⁷ 11³⁰ C-11³⁷9190 -0¹⁶ 10²⁹ C-11¹⁵9160¹⁰⁰³ -0²⁵ 10⁵⁶ C-10⁸¹9130¹⁰⁰³ -0³⁴ 10³⁶ C-10²⁰9100 -0⁴³ 10²⁸ C-10²¹8170 -0⁵²E Figueroa + Magnolia
8166⁸⁹ SMH #6 -0⁵³ 10¹² C-10⁶⁵ 5690' Magnolia8140 -0⁶¹ 9²⁹ C-10⁵⁰8110 -0⁷⁰ 9⁴⁵ C-10⁴² ← 10¹⁵7180 -0⁷⁹ 8²³ C-9²¹7150 -0⁸⁸ 8³² C-9²⁰

4+50 0⁸² 9⁰⁰ C8¹⁸

4+20 0⁷³ 8³² C7⁵⁹

3+90 0⁶⁴ 7²³ C7²⁹

3+60 0⁵⁵ 7³¹ C6⁷⁶

sw
6²⁶ C6³⁵ 7⁰⁷
@ 45' to 444

DE
1+10 Plug

-1¹⁴ 3¹³ C4²⁷

3+44⁸² 36° 09.833 SMH#7

0⁵¹ 7²⁰ C.6 6⁹ NE

0+90

-1²⁰ 3²⁰ C.4⁴⁰

3+30 34° 35.0710

0⁴⁶ 7³³ C6⁸⁷

0+60

-1²⁹ 3³² C.4⁶¹

3+00 31° 24.9301

0³⁷ 7⁵⁹ C7²²

0+30

-1³⁸ 3⁴⁹ C4⁸⁷

2+70 28° 14.7892

0²⁸ 7⁸³ C7⁵⁵

MH#15

-1⁴⁷ 3⁶³ C5¹³

2+40 25° 04.6483

0¹⁹ 7²¹ C7²²

Hornblow's Fly Alley 01419

2+10 21° 54.5074

0¹⁰ 8¹⁴ C8⁰⁴

1+80 18° 44.3665

0⁰¹ 8⁴¹ C8⁴⁰

1+50 15° 34.2256

-0⁰⁸ 8²⁰ C8⁷⁸

6+35

end.

SMH#8

1³⁸

13¹⁴ C-11⁷⁶

1+20 12° 24.0847

-0¹⁷ 9⁰⁰ C9¹⁷

6+30

1³⁶

13¹² C11⁷⁶

0+90 9° 13.9438

-0²⁶ 9²⁹ C9⁵⁵

6+00

1²⁷

12²⁶ C11⁴⁹

0+60 6° 03.80291

-0³⁵ 9⁵⁹ C9²⁴

5+70

1¹⁸

11⁶⁴ C-10⁴⁶

0+30 2° 53.6620

-0⁴⁴ 9⁸⁸ C-10³²

5+40

1⁰⁹

10⁵⁶ C9⁴⁷

0+02⁵⁷ PRC. 0° 00'

10⁰³ C10⁵⁶

5+10

1⁰⁰

9²⁸ C8²⁸

0+00 SMH #6 Figueroa

-0⁵³ 10¹² C-10⁶⁵

4+80

0⁹¹

9⁴² C8⁵¹

Alley BK 19

FW

22

			3480 ^{Aug. DE.} -0 ⁸⁵ 3 ⁸³ C4 ⁸⁸
			3460 -0 ⁹¹ 3 ⁸⁹ C4 ⁶⁰
			3430 -1 ⁰² 3 ⁸⁷ C4 ⁷³
			3400 -1 ⁰⁹ 3 ⁷⁴ C4 ⁸³
	722 dia N.W.		2470 -1 ¹⁸ 3 ⁸⁰ C4 ²⁸
4785 SMH #16			2450 ^{SMH #14} -1 ²⁴ 3 ⁷⁶ C5 ²⁰
4750			2440 -1 ²⁷ 3 ⁶⁶ C4 ⁹⁰
4720			2410 -1 ³⁶ 3 ⁸⁶ C5 ²²
3790			1480 -1 ⁴⁶ 3 ²⁵ C4 ²⁰
3760			1450 -1 ⁵⁴ 3 ⁰⁷ C4 ⁶¹
3730 SMH #15	2 th reading 727 SE		1420 -1 ⁶³ 3 ⁶⁷ C5 ³⁰
3700			1400 -1 ⁷³ 3 ²⁷ C5 ⁴³
2770			1380 -1 ⁸² 3 ⁸² C5 ⁶⁴
2740			1360 -1 ⁹¹ 3 ⁸⁵ C5 ⁷⁶
2710			1340 ^{dia N.W. 727} -1 ⁹⁹ 3 ⁷⁴ C5 ⁷³
1480			1320 -2 ⁰⁹ 3 ⁵⁵ C5 ⁶⁴
1455 SMH #13			1300 -2 ¹⁸ 3 ⁸² C6 ⁰⁰
1420			1280 -2 ²⁷ 3 ⁷⁸ C6 ⁰⁵
0490			1260 -2 ³⁶ 3 ⁵⁵ C5 ⁹¹
0460			1240 -2 ⁴⁵ 2 ⁷⁸ C5 ²³
0430			
0400 SMH #12			

			2490 SMH #17 -0 ¹³ 5 ²³ C5 ³⁶
			2470 -0 ¹⁹ 5 ³² C5 ⁵¹
			2440 -0 ²⁸ 5 ³⁸ C5 ⁶⁶
			2410 -0 ³⁷ 5 ⁵⁸ C5 ⁹⁵
			1480 -0 ⁴⁶ 5 ²⁵ C5 ⁷¹
			1450 -0 ⁵⁵ 5 ³⁸ C5 ²³
			1420 -0 ⁶⁴ 5 ⁶² C6 ²⁶
			0490 -0 ⁷³ 5 ⁵⁷ C6 ³⁰
			0460 -0 ⁸² 5 ²⁰ C6 ⁷²
			0430 -0 ⁹¹ 5 ²⁶ C6 ²⁷
			0400 SMH #16 -1 ⁰⁰ 5 ⁸³ C6 ⁸³
			FW Alley BK 18
			6440 ^{720 N.W.} 5 ⁴⁴ C5 ²⁸
			6430 ^{727 SE} -0 ⁵⁴ 5 ⁵⁹ C6 ¹³
			6400 -0 ⁵⁷ 5 ⁵⁹ C6 ¹⁶
			6400 -0 ⁶⁶ 6 ⁵² C7 ¹⁸
			5470 -0 ⁷⁵ 6 ⁴⁶ C7 ²¹
			5440 -0 ⁸⁴ 6 ⁴⁶ C7 ²⁰
			5410 -0 ⁹³ 6 ⁰⁰ C6 ⁹³

Magnolia wly of Alley 8/18

Magnolia 2 Bond Sts

23

						SMH#22 ^{End}	13+34 ⁶ 154 11 ⁵ C10 ⁴
				11770	105 80 ⁴ C6 ⁹⁹		13720 150 10 ⁸ C9 ³¹
				11740	096 76 ² C6 ⁶⁴		12790 141 9 ⁴ C8 ¹³
				11710	087 71 ³ C6 ²⁶		12760 132 9 ³ C7 ⁷
				10780	078 67 ⁸ C6 ⁰⁰		12730 123 8 ² C7 ⁵²
				10750	069 65 ⁵ C5 ⁸⁶		12700 114 8 ¹ C7 ²⁷
	Plug						
4720	DE	072	6 ⁵⁸ 5 ⁸⁴	10727 ⁶⁶	SMH#21	062 6 ⁴² C5 ⁸⁰	
3790		063	6 ⁴⁷ C5 ⁸⁴	10720		060 6 ²⁸ C5 ⁶⁸	
3760		054	6 ³³ C5 ²⁹	9790		051 6 ⁰⁹ C5 ⁵⁶	
3730		045	6 ¹⁹ C5 ²⁴	9760		042 5 ⁹⁵ C5 ⁵³	
3700		036	6 ²¹ C5 ⁸⁵	9730		033 5 ⁶³ C5 ³⁰	
2770	SMH#19	027	6 ³⁰ C6 ⁰³	9700		024 5 ⁴⁸ C5 ²⁴	
2740		018	6 ⁴¹ C6 ²³	8770		015 5 ²³ C5 ⁰⁸	
2710		009	6 ⁴⁷ C6 ³⁸	8740		006 4 ⁹⁹ C4 ²³	
1780		000	6 ³⁵ C6 ³⁵	8710	SMH#20	-003 4 ⁷⁸ C4 ⁸¹	
1750		-009	6 ²⁸ C6 ³⁷	7790		-002 4 ⁴⁰ C4 ⁵⁴	
1720		-018	6 ²⁷ C6 ⁴⁵	7760		-018 4 ⁸³ C5 ⁰¹	
0790		-027	6 ⁰⁵ C6 ²⁹ C6 ³²	7730		-022 5 ¹² C5 ³⁹	
0760		-036	5 ⁸⁶ C6 ²²	7700		-036 5 ²⁷ C5 ⁶³	
0730		-045	5 ⁶⁴ C6 ⁰⁹	6790		-045 5 ⁵⁰ C5 ⁹⁵	
0700	SMH#18	-054	5 ⁴⁴ C5 ²⁸ 705 NW	6740	SMH#18	-054 5 ⁵⁹ C6 ⁰³ 707 SE	

Figueroa St Bond Wly

5410	2 ¹⁵	7 ³⁶	C5 ²¹
4480	2 ⁰⁶	7 ³⁴	C5 ²⁸
4450 SMH #24	1 ²⁷	7 ²⁴	C5 ²⁷
4420	1 ²⁸	7 ¹⁸	C5 ³⁰
3490	1 ²⁹	7 ¹⁶	C6 ³⁷
3460	1 ²⁰	7 ¹⁵	C5 ⁴⁸
3430	1 ⁶¹	7 ²⁴	C5 ⁶³
3400	1 ⁵²	7 ²⁷	C5 ⁷⁵
2470	1 ⁴³	7 ⁰²	C5 ⁵⁹
2440	1 ³⁴	6 ⁵³	C5 ⁴⁹
2410	1 ²⁵	6 ²³	C5 ⁴⁸
1480	1 ¹⁶	6 ²⁰	C5 ⁵⁴
1470 ⁰⁵ SMH #23	1 ¹³	6 ²⁴	C5 ⁶¹
1450	1 ⁰⁷	6 ²⁰	C5 ⁶³
1420	0 ⁹⁸	6 ⁵⁷	C5 ⁵⁹
0490	0 ⁸⁹	6 ⁴¹	C5 ⁵²
0460	0 ⁸⁰	6 ²⁴	C5 ⁴⁴
0430	0 ⁷¹	5 ²⁰	C4 ⁹⁹
0400 SMH #21	0 ⁶²	6 ⁴²	C5 ⁸⁰

Σ Alley BKK 16

702 NE

Σ Bond

702 NE

(24)

Alley BKK 16

24

1490 Phg DE	2 ²⁴	8 ⁴⁸	C6 ²⁴
1480	2 ²¹	8 ²²	C6 ²⁴
1450	2 ¹²	8 ⁵⁶	C6 ⁴⁴
1420	2 ⁰³	8 ³³	C6 ³⁰
0490	1 ⁹⁴	7 ²⁵	C5 ⁸¹
0460	1 ⁸⁵	7 ²⁹	C6 ⁴⁴
0430	1 ⁷⁶	7 ²²	C6 ²¹
0400 SMH #25			
2420 DE Plug	1 ²⁹	8 ⁶³	C6 ⁸⁴
2410	1 ²⁶	8 ⁴¹	C6 ⁶⁵
1480 ⁰⁶ SMH #25	1 ⁰⁷	7 ²²	C6 ²⁵
1450	1 ⁵⁸	7 ⁵⁰	C5 ⁹²
1420	1 ⁴⁹	7 ³³	C5 ⁸⁴
0490	1 ⁴⁰	7 ¹⁹	C5 ⁷⁹
0460	1 ³¹	7 ¹⁶	C5 ⁸⁵
0430	1 ²²	6 ⁶⁰	C5 ⁴²
0400 SMH #23	1 ¹³	6 ²⁴	C5 ⁶¹
5480 DE Plug	2 ²⁶	7 ²⁸	C5 ⁴²
5470	2 ³³	7 ²³	C5 ⁴⁰
5440	2 ²⁴	7 ⁵³	C5 ²⁹

Wly Alley
0400 SMH #25

Σ Allys

702 NE

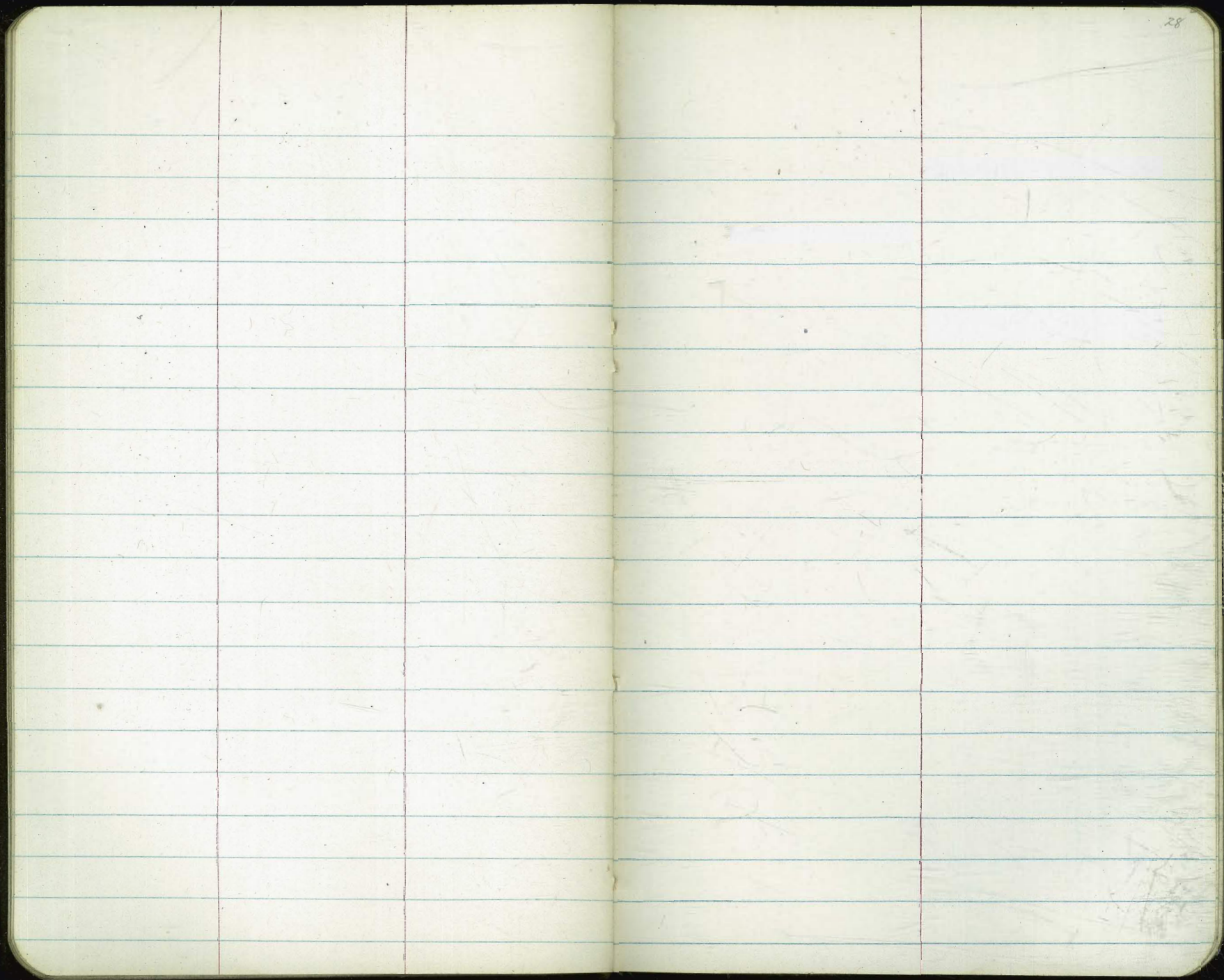
Σ Alley BKK 16
Σ Figueroa

702 NE

END

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 notebook is bound in the center with three visible stitches. The pages are blank, with no text or drawings. The number '25' is printed in the top right corner of the right page. The notebook is set against a dark background.

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, with two visible staples or stitches. The pages are mostly blank, with some faint, illegible markings and a few small dark spots. The number '26' is written in the top right corner of the right page. The notebook is set against a dark, possibly black, background.



Stake Elephant
Capistrano to Chove

Rt. Sly

	Rough	Cb grade	Lt = Nly Cb		Cb	Cb grade	Rough Sly
200 J.R.	1940						466
1437 EC St.	F16	121 ⁰⁴	F026 2078		F017	122 ⁰⁴	C26
BC Alley		121 ²²	F044		F035	122 ²²	
1435 Alley Prop	0006 Face	121 ³⁸	065 F073		419 C-173	122 ⁴⁶	0006 Sly
1420 Alley Prop	0506 Face	122 ¹³	2162 F051	1638x	540 C219	123 ²¹	0506 Sly
FC Alley		122 ⁰³	F016 2187		F028 2275	123 ⁰³	518x
200 J.R.	963						432
1418 BC St.	F24	122 ⁰⁵	F018		F030	123 ⁰⁵	C13
	218x						
1400	2174 F06	122 ³⁰	249 C019		321 F026	123 ⁴⁷	2614 218x C27
	218x						
0780	2181 F05	122 ³⁰	247 C017		326 F004	123 ³⁰	2574 18x C24
	218x						
0760	2203 C06	121 ⁴⁶	136 F010		263 C017	122 ⁴⁶	18x 2553 C31
	218x						
0740	2123 C22	119 ⁹⁷	2023 C005		123 C026	120 ⁹⁷	2527 18x C43
	218x						
0720	2160 ⁰³⁶ 2160	117 ⁹⁶	812 C016		910 C024	119 ⁰⁶	2485 218x C58
					811 C006	118 ⁰⁵	0708 C60x
0700	Elly Capistrano	115 ²⁵			708 F034	117 ⁴²	
BM				SE 7x7 LxT Capistrano + Elephant			

	Rough	Cb grade	Cb			Cb grade	Rough	31
						85 ⁰⁰		20 ¹¹ ad BC 2+46 ⁷⁷
					5 ³² F0 ⁷⁴	86 ⁰⁶ ₂₇		2+08 ⁷⁴
					6 ²⁸ F0 ⁸⁴	87 ¹² ₇₁		1+70 ⁷⁴
					6 ²¹ F0 ⁷¹	87 ⁶² ₇₉		1+52 ⁷⁴
1+93		86 ¹⁰ Finnish Pav			F0 ⁷⁵ 87 ⁴³ F0 ⁸⁵ 92 ²⁴ C-4 ²¹ 91 ¹⁵ C1 ⁹³	88 ¹⁸ ₇₇ 88 ²⁹ 88 ⁵³ 89 ²²	93 ³⁵ C5 ³ 11/4 ⁰⁰ Ally Pav 1+34 ⁸⁸ Ally Pav 1+17 ⁸⁸	ECSE 2114 1+36 ⁸⁸
END.	8 ⁶⁶ C0 ⁶	88 ¹⁰	8 ⁵⁵ C0 ⁴⁵					
1/2		88 ²⁰	8 ³⁸ C0 ¹⁸					
20 ad.	8 ⁶⁶		8 ⁷⁸					
1+19 ⁰⁰ BC	C0 ³	88 ⁴⁷	C0 ³¹		F0 ⁵⁹ 8 ⁴⁶ F0 ⁶⁷	89 ⁰⁵ 89 ¹³	92 ⁵⁹ C3 ⁵	51 ⁰⁰ 2 ¹⁰ ad 1+17 ⁸⁸
1+10 ⁷⁴	8 ⁶³ F0 ³	88 ⁹⁴	9 ³⁰ C0 ³⁶		9 ⁰⁵ F0 ⁴⁹	89 ⁵⁴	93 ⁷⁵ C4 ³	
0+90 ⁷⁴	8 ⁹⁴ F1 ²	90 ⁵³	0 ⁵⁸ C0 ⁰⁵		11 F0 ⁰¹	91 ¹²	9 ⁵⁶ C4 ⁴	
0+53 ³⁷	0 ⁵³ 1 ²² F2 ⁰	93 ⁸⁸	3 ⁴⁷ F0 ⁴¹		4 ⁴⁶ F0 ¹²	94 ⁵⁸	2 ⁰⁴ 7 ⁶⁵ C3 ¹	

Clove St				at - Fly	CG	CGrade	32 521 Rough
	50K Rough	Macaulay to Grade	elephant CG 8 ³²	LT = Wly			
2760 ²⁷	915 C06	108 ⁵⁵	F023				
2740 ²⁷ BKC	122 C12	109 ³⁷	943 C006				
207nd BC Newell 1392	1797 ²⁷ C32	110 ⁷⁸	1123 C055		1129 C121	109 ⁸⁹ 110 ⁷⁸	CG EC, small 152 C02
1766 ⁶⁵	1455 C22	111 ⁷⁹	245 C066		1124 C025	111 ⁶⁹	247 C08
1735 ⁸⁴	1654 C32	112 ⁸⁰	319 C039		278 C018	112 ⁶⁰	230 F03
1705 ¹³	1727 C32	113 ⁸¹	392 C011		359 C028	113 ⁵¹	345 F04
6774 ⁴²	1853 C32	114 ⁸²	500 C018		429 F013	114 ⁴²	332 F11
5021 ⁶	1981 C42	115 ⁸³	596 C013		531 F022	115 ³⁵	533 G
207nd EC	2188 C51	116 ⁸³	682 F001		667 C041	116 ²³	541 F06
1/2	2188 C39	117 ⁴⁰	749 C009		665 C030	116 ³⁵	
end 2188 0700 end of	2188 C39	118 ⁰⁰	858 C058		636 C011	116 ²⁵	561 F06

	Rough	Cb grade	Lt wty C6		Rt wty	C6	Cb grade	Rough
4155 ⁷²	93 ²⁷ C5 ⁸	88 ¹⁶	8 ⁰³ FO ¹²			8 ⁰² C1 ³⁴	86 ⁷⁵	91 ⁷⁸ C5 ⁰
4145 ⁷² (A) BVC	94 ⁷² C5 ⁶	89 ³⁵	9 ⁰² FO ³³			9 ⁴¹ C1 ⁵³	87 ⁸⁸	92 ⁵⁶ C4 ⁷
4117 ²³	8 ⁰² C5 ³	92 ⁷⁵	2 ³⁹ FO ³⁶			1 ⁹² C0 ³⁵	91 ⁵⁷	8 ³⁴ C6 ⁸⁷
3488 ⁷⁵	101 ²⁵ C5 ¹	96 ¹⁶	6 ⁴⁶ C0 ³⁰			5 ⁵⁰ C0 ²⁴	95 ²⁶	9 ⁰² C3 ⁸
3460 ²⁷ EVC	101 ⁹⁶ C2 ⁴	99 ⁵⁶	9 ⁷⁴ C0 ¹⁸			9 ⁵⁹ C0 ⁶³	98 ⁹⁶	104 ¹² C5 ²
3440 ²⁷	3 ⁸⁵ C1 ⁸	102 ⁰¹	2 ⁰⁹ C0 ⁰⁸			1 ⁵¹ C0 ⁰	101 ⁴¹	5 ⁴⁰ C4 ⁰
3420 ²⁷	4 ⁶⁷ C0 ⁶	104 ¹⁴	3 ⁵⁶ FO ⁵⁸			3 ²⁹ FO ²⁵	103 ⁵⁴	5 ⁹¹ C2 ⁴
3400 ²⁷	6 ²⁰ C0 ³	105 ⁹³	5 ⁴ FO ⁸²			4 ⁹³ FO ⁴⁰	105 ³³	7 ⁶² C2 ⁴
2480 ²⁷	7 ²⁶ C0 ⁴	107 ⁴¹	6 ⁷⁹ FO ⁶²			6 ⁴¹ FO ⁴⁰	106 ⁸¹	8 ⁰⁴ C1 ²
2173 ²² FC	20 th well					6 ⁷⁹ FO ²²	107 ²¹	8 ³⁵ C1 ³
							108 ⁵⁷ well	FO ⁵

Rough C6 grade Lt = wly
C6

EC, 75 wly 5/10 85¹⁴

EC Inlet 83/100 85⁰⁰

3/4 5/10 ~~85⁰⁵~~ 5¹⁸
~~85¹⁰~~ C0¹³

1/2 5/10 85²⁰ C0³¹

475²² 5/10 85²⁰ 5¹²
C0²²

20 mld Lt 92⁸⁰ 6²⁴
4769²² BC C6³ 86⁴⁷ 5/10 C0³⁷

4765⁷² 934 C6² 86⁹⁶ 7²⁵
C0²⁵
29

34
RT = Fly
C6 C6 grade Rough

4⁵⁵ end of
F0⁵² 85¹² 5/10 RT 31⁵⁴

4⁵⁵ 60° 21'
F0²⁵ 84⁸⁰ 5/10 ES

4²¹ 46° 54' 10"
F0¹⁸ 84⁶⁴ 5/10 1/2 Inlet
EC

84⁵⁵ 83/100 Inlet
31⁵⁴ 10

3¹² 15° 07' 05"
C0⁴⁰ 84⁷² 5/10 1/2 to 3
inlet

6⁴⁸ 88⁵³
C1²⁷ 85²¹ C3²²

8¹³ 88⁸⁷
C2²⁵ 85⁸⁸ C3²

Newell St

Lt-Nly

Rt-Sly

Clove to Plum

	Rough	CL grade	CL		CL	CL grade	5/8" Rough
1700	380 F18	10564	592 C028		F-029	10614	786 C12
0780	657 F05	10703	762 C059		F022	10753	908 C16
0760	813 G	10810	868 C058		C014	10860	11009 C15
0740	856 F03	10884	918 C034		C004	10934	11136 C20
0725	882 F03	10915	925 C010		C006	10965	11189 C22
0708 EC, Newell		10887	884 F003		C006	10989	
3/4		10865	848 F017		F010	11014	
1/2		10820	927 C097		C053	11033	
1/4		10785	807 C022		C126	11055	
BC, Clove		10721	699 F023		C121	11028	

	Rough	Grade		LT-Nly	At-Sly	C6	Grade	Rough	
52°35'30"									2nd Lt
16972 E inlet		86 ⁵⁰					86 ⁵⁰		+36 ⁶⁹
16°12'		64 86 ⁶⁰	62 FO ⁴³				86 ⁵⁵		+30
30°08'	F63	8053	671		737	755		9382	
140	F63	86 ⁸⁸	FO09	Fu I NW	CO60	CO ⁸⁰	86 ⁷⁵	C21	+20 21°59'
15°04'	F36	8726	788		794	826		944	
720	F41	87 ³⁸	CO62	CO ⁵⁰	CO69	C101	87 ²⁵	C69	+10 14°19'30"
	CO5	88 ⁰⁰							
215405 BC	8794 FO5	8740 8840	821	CO ⁵¹		907		9444	
			CO21			C107	88 ⁰⁰	C64	
213425	8798 F12	8921	D82 CO21			022		672	
						CO30	90 ⁵²	C62	
210220	8884 F51	93 ⁹⁰	388 FO02			400		952	
						FO47	9447	C51	
177135	9613 F18	9789	838 CO49			885		10122	outlay
						CO43	9842	C28	-126
3(2)25									
1440 FVS	10020 F17	10187	178 FO09			227		438	
						FOC	102 ³⁷	C20	
1420	210 F18	103 ⁹²	320 FO22			415		570	
						FO22	104 ⁴²	C13	

Plum St

Macaulay to Newell

St. Wly

At - Ely

End C6	C6 grade	C6	C6	C6	C6 grade	Rough	End C6
	C38	96 ⁶⁰	602	96 ⁴¹	(4.65)		
1/2		96 ³⁷	FO ³⁵	C176	94 ⁶⁵		end C6
FC, Lt H, 2nd	100 ⁴⁰		586	16 ⁵²	1	986	FO Total 0702
0113	C43	96 ⁰⁹	FO ²³	C163	94 ⁶⁹	052	
	100 ⁴⁵		532	15 ⁵⁵	4.90	9987	
0425	C52	95 ⁵⁰	FO ¹⁸	C067	94 ⁸⁸	C50	0113
	100 ⁰⁴		461	523v	4.72	876	
01375	C52	94 ⁸²	FO ²¹	C027	94 ⁷⁶	C40	0425
				459	4.18	723	
				C027	94 ³²	C29	01375
	9820		289				
0175	C54	92 ²⁸	CO ⁰⁶	258v	2.17	280	
				CO ¹⁶	92 ⁴²	CO ¹	
	9522		130				
1100	C41	91 ⁴³	FO ⁰⁶	090	2	9053	
				CO ³⁸	90 ⁵²	G	Rem 0.50
	9626		921				
1137	C52	89 ⁴²	FO ⁰¹	8701		8522	
				CO ⁰⁸	88 ⁶²	F27	
	9462		817				
1157	C63	88 ³⁴	FO ¹⁷	753		8494	3464
				FO ¹⁷	87 ²⁰	F28	
	1177 ²³	94 ¹⁵	765				
EC Plum	C62	87 ²⁵	CO ⁴⁰	675		8463	
				FO ⁴⁵	87 ²⁰	F26	
75026	8442		614				
+100	F24	86 ⁸⁵	FO ¹¹	705		9328	67 ³⁴
				CO ³⁵	86 ²⁰	C71	+50
780		86 ⁶⁰					
					86 ⁵⁴		741.69

D. Smith
S. Morey
A. Taylor
M. Hamill

INDEXED
JUL 18 1956

Stake Udall St.
Warrington to Worden

3 BK 25

80¹⁴

6¹⁷
C6³⁵

1490

80⁹⁴

1¹⁷
C0²³

1480 D Lt

76²⁰

1470 (D) Lt

81⁴⁷

1460

81⁷⁴

1⁸¹
C0⁰⁷

1430

82⁵⁴

2⁴⁴
F0¹⁰

1400

83³⁴

3⁴¹
C0⁰⁷

0770

84¹⁴

4³²
C0¹⁸

0740

84⁹⁴

5²⁶
C0³²

20062

0710 EC

85⁷³

6¹⁴
C0⁴¹

86⁷³

0700 Nly Warrington

86⁰⁰

6⁷⁸
C0²⁸

87⁰⁰

7³⁰
C0³⁰

BM

87⁶⁵

SW Por. H.
Warrington
Udall

Lt - Slyon Wly

E slab

74⁰³

71⁹³

F2²⁷

end
+30⁴³

13° 52.5182

C-31⁵⁵

78²¹

8³⁸

C0⁰⁷

1¹⁴

+20⁸¹

9° 25.8357

C-21⁶³

2/10

6/100

78²⁶

C0²⁸

8⁵⁴
C0²⁹

77²⁰

8⁵¹

C1³⁷

slab

1¹⁴

+14⁸¹

6° 35.5751

C-15⁴⁶

6/100

5/10

78²⁵

C0²²

8⁵¹
C0²¹

82³⁰

C3³⁰

79⁰⁰

16° 36' 15"

+22²⁶

end

R=64³⁶

PCC

+52²⁹

11° 30.1936

C-12²⁵

6/100

5/10

78²⁵

C0²²

8⁵¹
C0²¹

81⁸²

C2⁷²

79¹⁰

+11²²

1/2

8° 19' 07"

C-10⁴⁷

+37¹⁴

+37²³

PCC

8° 48.884

+40

8/100

8/10

78⁴⁵

8²⁷

C0³⁴

81²¹

C1²¹

79³⁰

+37¹⁴

+37²³

PCC

4° 24.442

+20

C-20⁴⁴

9/100

9/10

78⁸¹

9¹⁸

C0³⁷

80⁵³

C0⁶²

79²⁴

+37¹⁴

+37²³

PCC

13° 29.4668

+250 BC

79³⁴

9⁶⁷

C0³³

80¹⁵

F0¹⁹

80³⁴

+18⁰⁶

1/2

5° 46.0081

C-18²³

BC

D Smith
J Reed
R Taylor

Stake Oliver St
Noyes to Oliver

BM chisel pt NW cor. Noyes
Noyes End. 363 Oliver
FB 2218-29

R to S by

WO # 32052 37
1/25/50

	Rough	Lt. Nly C6 grade	Co		C6	C6 grade	Rough
2780	119 F23	350	320 F030		317 F021	338	-202 F63
2740	165 F18	340	315 F025		312 F013	325	-126 F44
2700	257 F07	320	244 F026		332 C020	312	-125 F54
1760	278 F04	320	298 F022		318 C018	300	-169 F47
1720	253 F06	310	288 F022		302 C015	287	-132 F42
0780	241 F04	300	294 F006		315 C041	274	-117 F37
0740	128 F02	220	293 C002 ⁰³		300 C039	241	-097 F36
30' chd. 0710 ES Return	158 F12	282	281 F001		219 F033	252	-103 F36
A=190'29' Prop 0700 Ely Noyes		280	278 F002		192 F056	248	
25' 21' 45'		276	277 F007		216 F027	243	
A=25'31' Prop 7531'		294 net	294 net		217 F020	237 net	

BM

363 NW Return Noyes
Oliver

FB 2218-58

	Bough	Cbgrade	Cb		Cb	Cbgrade	Bough
4199 ¹⁹²⁹ ₁₅ wj only		517	374 F143		509 C018	421	
4187 ^{28 Feb 30% d} ₁₅ RC	384 F12	477	398 F12		457 F017	424	-124 F62
4180	350 F13	477	486 C009		474 C017	457	-204 F62
4160		438	418 F020		441 C015	426	
4140	225 F14	409	416 C007		439 C036	403	-120 F52
4120		390	395 C005		405 C018	387	
4100 BVC	301 F08	380	340 F040		394 C017	372	-24 F52
3160	224 F15	370	292 F028		375 C014	364	-28 F52
3120	127 F23	360	304 F056		350 F001	354	-24 F62

Stake Oliver St

Lamont to Noyes

	518K Rough	835 C/10	967 C/16	977 C/12	118K 923 C/10	4023 C06	4021 C06	4021 C07	972 FD07	4010 C07	4018 C07	4026 C07	4033 C07
1499 ⁵⁴	729	3728	852	892	3897	963	982	4009	017	015	043	meet	
1479 ⁵⁴	80	3764	852	892	3897	963	982	4009	017	015	043	meet	
1445 ⁶⁴		3808	852	892	3897	963	982	4009	017	015	043	meet	
1411 ⁷³		3853	852	892	3897	963	982	4009	017	015	043	meet	
0477 ⁸²		3897	852	892	3897	963	982	4009	017	015	043	meet	
0443 ²¹		3942	852	892	3897	963	982	4009	017	015	043	meet	
0410 ^{36'44"}		3986	852	892	3897	963	982	4009	017	015	043	meet	
EC Oliver		3999	852	892	3897	963	982	4009	017	015	043	meet	
Pip 70'31"		4010	852	892	3897	963	982	4009	017	015	043	meet	
3/2 52'31"		4018	852	892	3897	963	982	4009	017	015	043	meet	
2/2 36'30"		4026	852	892	3897	963	982	4009	017	015	043	meet	
19'29"		4033	852	892	3897	963	982	4009	017	015	043	meet	
Pip c=94			852	892	3897	963	982	4009	017	015	043	meet	
BC Lamont			852	892	3897	963	982	4009	017	015	043	meet	
BM			852	892	3897	963	982	4009	017	015	043	meet	

4037
NE 747 Lat
Oliver
Lamont
F02218-18

813 C014	846 C019	860 C005	885 C001	897 F015	915 F026	925 C025	929 C025	931 C021	930 C035	917 C018	meet
3729	3827	3855	3887	3912	3941	3920	3980	3988	3995	3929	3994
854 C06	900 C07	902 C05	914 C03	923 F01	926 F03	992 C02	005 C020				

Ht. Nly

	Rough	Obgrada	Ht. Nly C6		Ht. Sly	Obgrada	Rough
4129 ⁵⁴	20 ³⁶ C01	20 ²⁵	0 ⁵¹ C0 ²⁶		144 F010	21 ⁵⁴	2 ³⁷ C0 ⁸
4409 ⁵⁴ BVC	162 F04	21 ⁹⁹	219 C0 ²⁰		333 C002	23 ³¹	524 C12
(35)	403 F14	25 ⁴⁰	556 C016		705 C041	26 ⁶⁴	864 C20
3439 ⁵⁴ EVC	913 C03	28 ⁸¹	908 C027		996 F002	29 ²⁸	111 C11
3419 ⁵⁴	141 C02	30 ⁶⁶	088 C029		170 F007	31 ⁷⁷	203 C02
2199 ⁵⁴	456 C23	32 ²⁹	277 C048		328 F008	33 ³⁶	420 C08
2479 ⁵⁴	404 C14	33 ⁷⁰	405 C035		475 C004	34 ⁷¹	520 C06
2159 ⁵⁴	508 C02	34 ²¹	522 C031		572 F014	35 ⁸⁶	641 C06
2439 ⁵⁴	684 C02	35 ²¹	617 C026		683 C004	36 ⁷⁹	723 C04
2419 ⁵⁴	720 C05	36 ⁷⁰	689 C019		755 C004	37 ⁵¹	725 C02

		Lt = Nlv			Rt = Sly		
	Rough	Ce grad	Ce		Ce	Ce grad	Rough
0+60	761 G1Z	15 ²⁶	5 ²² FO ¹⁹		4 ²⁷ F-D ²⁴	15 ²¹	5 ²¹ G
0+40 B.V.C.	822 C26	16 ¹²	5 ⁵⁵ FO ⁵⁷		5 ³⁴ FO ²³	15 ⁵⁷	5 ⁵⁶ G
50' S.H. 0+10 E.C. Morrell	C31	16 ³⁰	5 ⁷¹ FO ⁵⁹		5 ⁵⁹ FO ⁴⁹	16 ⁰⁸	FO ¹
Prop 19°29'		16 ³⁷	6 ⁰⁵ FO ³²		5 ⁷³ FO ⁵²	16 ²⁵	6 ⁰⁰
1/2 45°	969	16 ⁴³	6 ⁴⁵ CO ⁰²		5 ²³ FO ⁴⁵	16 ³⁸	
70°31' Prop ahead	C32	16 ⁴⁹	6 ⁸⁰ CO ³¹		6 ²⁴ FO ²⁵	16 ⁴⁹	FO ⁵
Morrell St							
70°31' Prop ahead	C32	16 ⁵⁹	6 ⁸² FO ⁰⁷		6 ⁸² FO ¹⁸	17 ⁰⁰	C26
3/8 53°31'		16 ⁸⁸	6 ⁷⁷ FO ²¹		6 ⁷⁷ FO ³⁰	17 ⁰⁷	
2/8 36°30'	994	17 ⁰⁵	6 ⁸⁹ FO ¹⁶		6 ⁸² FO ³⁸	17 ²⁰	964
Prop 19°29'		17 ¹⁹	7 ¹⁴ FO ⁰⁵		7 ⁴⁹ CO ⁰⁹	17 ⁴⁰	
44 89 ⁵⁴ B.C. Morrell 30°26' R.L.	C26	17 ³⁸	7 ³⁸ FO ¹⁰		7 ⁷² FO ²²	17 ⁷⁴	G12
4+69 ⁵⁴	990 C22	17 ²⁴	7 ⁹⁸ CO ⁰⁵		8 ⁷⁹ CO ⁰⁴	18 ⁷⁵	640 C1Z
4+49 ⁵⁴	947 C06	18 ²²	8 ²⁴ CO ⁰⁵		20 ¹² CO ¹¹	20 ⁰¹	130 C1Z

	Lt. Nly			Pt. Sly		
	Height	Obgrate	Cb	Cb	Obgrate	Height
3460	2 ⁵⁵ C28	9 ⁵¹	9 ²⁰ C009	8 ⁵⁰ F001	8 ⁵¹	8 ⁵⁶ C01
3440 B.V.	3 ¹⁴ C22	10 ²⁹	10 ²⁰ F009	9 ³⁸ C002	9 ²⁹	9 ⁵⁵ C03
3420	2 ²⁷ C23	10 ⁷²	10 ⁵⁶ F016	9 ⁵⁰ F032	9 ⁷²	0 ²¹ C03
2480	3 ³⁷ C18	11 ⁵⁸	11 ²⁸ F030	10 ⁴² F016	10 ⁵⁸	1 ²⁷ C05
2440	4 ⁰⁷ C16	12 ⁴⁴	2 ²¹ F023	1 ³⁷ F007	11 ⁴⁴	2 ⁰¹ C06
2400	4 ²⁸ C15	13 ³⁰	3 ⁰⁶ F024	2 ³⁹ C009	12 ³⁰	2 ⁶⁹ C02
1460	5 ²² C15	14 ¹⁶	4 ¹⁵ F001	2 ²³ F023	13 ¹⁶	3 ⁴⁶ C03
1420 E.V.	7 ⁵⁴ C25	15 ⁰²	5 ⁰⁵ C003	4 ⁰³ C001	14 ⁰²	4 ³⁴ C03
1400	7 ⁶⁰ C22	15 ⁴¹	5 ²⁵ C034	4 ²³ F021	14 ⁴⁴	4 ⁴⁹ C
0780	7 ³⁷ C12	15 ⁷²	5 ⁶⁹ F003	4 ⁷¹ F013	14 ⁵⁴	4 ⁷⁵ C04

	Lt-Mly	Stake	Pacific Beach Dr
	Rough	C6 grade	C6
	3184		Lamont to Morrell
EC 2nd			
1724 ⁵⁰	450 C12	33 ⁵⁵	357 C002
EC Alley			
1722 ⁵⁰			
EC Alley			
end of Alley			
Wly			
end of Alley			
EC Alley			
1707 ⁵⁰			
80 24th Rd	444		350
1705 ⁵⁰	C07	33 ⁷⁵	F025
	439		383
6772	C03	34 ⁰⁵	F025
	489		402
0738 ⁵⁰	C05	34 ⁴²	F040
0105 ²⁰ 20th Rd			494
EC P.B. Dr	C05	34 ²⁵	C019
	493		514
3/4 67' 30'	C08	34 ⁸⁵	C026
	520		499
1/2 45' 00'		34 ⁹⁵	C004
			505
1/4 22' 30'	F 4	35 ¹⁰	F005
BC, Lamont St		35 ²⁷	meet

BM

35¹⁰
NE 777 427
Lamont
Pacific Beach Dr
FB 2218-37

	W0 # 32052	RTESly	C6 grade	Rough
	C6			3184
		F025		192
		257	32 ⁸²	F02
		F031	32 ⁸⁸	
	7/10	210		
		F025	33 ⁰⁵	
	7/10	207		
		F10	33 ¹⁷	
		F028	33 ²⁰	
		272		
		F026	32 ⁹⁸	200
				F10
		285		104
		F039	33 ²⁴	207
				F11
		322		234
		F028	33 ⁵⁰	F12
		377		
		C001	33 ⁷⁶	F11
	7/10	368		
		F014	33 ⁸²	27
		420		
		C035	33 ⁸⁵	
		404		
		C029	33 ⁷⁵	
		meet	33 ⁵¹	

	Rough	C6 Grade	H. Nly C6
3715	2 ³³ C12	31 ²³	1 ³⁷ C014
ES. 20th Wd. 2798 ⁰⁰			
2790 ⁰⁰ Prop 24 ³⁵	2 ⁶⁷ C02	31 ⁷⁵	1 ⁸¹ C006
60 ⁰⁰ prop			
22460 ⁰⁰ Honeycutt St.	3 ⁴⁰ C13	32 ¹³	2 ²⁸ C015
60 ⁰⁰ prop.			
2730 ^{24³⁵} Prop	3 ⁵⁰ C13	32 ⁵⁰	2 ⁷¹ C021
ES. 20th Wd. 2722 ⁰⁰	4 ⁰² C11	32 ⁵⁸	2 ⁸⁸ C030
1789 ⁵⁰	4 ³⁸ C15	32 ⁹⁰	2 ⁸⁸ F002
1457	4 ⁵ C13	33 ²³	3 ¹⁵ F028

	C6	C6 grade	Rough
	1 ⁰⁷ C024	30 ⁸³	0 ⁹⁸ C02
	1 ⁶⁵ C054	31 ¹¹	0 ⁹³ F02
	2 ⁰⁰ C070	31 ²⁰	
	31 ²⁴ meet	31 ²⁰	
	31 ²⁷ meet	31 ⁷⁵	
	2 ⁰⁷ C007	32 ⁰⁰	
	2 ¹² C026	32 ⁰⁶	1 ⁵⁶ F05
	2 ²⁴ F028 C002	32 ³²	2 ²⁴ 2 ¹² F02
	2 ⁵³ F003	32 ⁵⁸	2 ⁰⁵ F05

Rt. St.

47

	Rough	Cb grade	Cb	Lt. My	At. Sty	Cb	Cb grade	Rough
4460 EVC	612 F02	26 ²⁰	654 C034			718 C068	26 ⁵⁰	768 C13
4440	728 C06	27 ²⁴	733 C009			789 C045	27 ⁴⁴	814 812 802
4420	825 C08	28 ¹⁷	833 C016			845 C018	28 ²⁷	2104 813 802
EC. 2nd Cb 4414 ⁴						C029	28 ⁴⁴	
80. Cb Alley 4412 ⁴						822 C04	28 ⁵⁹	920 C06
end Cb Alley Ely end Cb	967 C02	4400 28 ⁹⁸	893 F005			1/2 offset 869 F027	28 ⁷⁶	
Alley wly EC Alley 3497 ⁴						3/4 offset 938 C010	29 ²⁸	
80. 2nd Cb 3495 ⁴						C009	29 ⁴¹	926 C04
						2920 C007	29 ¹³	
3480	063 C12	29 ⁶⁷	967 Grade			979 C020	29 ⁵⁷	008 C05
3460	145 C12	30 ²⁴	3015 F009			3019 C04	30 ⁰⁸	2104 052 C05
3440 EVC	190 C12	30 ²⁰	3100 C030			3060 C015	30 ⁴⁵	065 2104 C03

kt - Nly

Rough

Ob
Grady

C6

cb end meet
24 60° 34'
+ 20 22° 58'

37 02'
+ 12 22° 58'

14° 04'
+ 49'

bc. 20' 1/2 d 36
5711 82

why stop Marcell Nly
5700 cloud
18° 27' 804

bc. 25' 1/2 d 119
4795

484

C06

23 82

24 27

426

C044

478

C057

49

kt - Sly

C6

Ob
Grady

Rough

23 61

Meet

23 60

3 92

C0 22

23 70

4 50

C0 60

23 90

4 78

C0 73

24 05

5 42

C1 1

5 40

C0 80

24 50

5 27

C1 5

D. Smith
D. Chapman
R. Taylor
D. Black

INDEXED
JER
18 1955

Stake Alley BIK A Sunset Crest

W0# 3286
2/24/55

Stn. Alexandria Dr. Trieste Dr
Point Loma Ave La Paloma

2 BK

3 BK

1 BK

443 C114

120 BK

4700

Co⁰⁶ 3¹⁰ 243⁰⁴

243²⁹ 4⁵¹ C122 ✓

Co¹⁵ 8¹⁹ 278⁰⁴ 278²⁹ 9⁵³ C124

3795 (D)H Co⁰⁸ 3²⁷ 243⁶⁹

3780

✓ Co³⁷ 6⁰³
Co⁴⁰ 6⁰⁴ 245⁶⁶

245²¹ 7⁴² C121

241⁵⁰ 7⁵⁸ C638

1440

10 BK

10 BK

C1¹⁸ 1²⁸ 280¹⁰ 280³⁵ 1²⁸ C163

3475 DAT

3465 (D)H

248⁴² 9⁴⁵ C103

3460 BVC

C1⁵³ 50⁵⁶ 249⁰³

249²⁸ 7⁴² Co⁴⁰

1420

FO⁰⁹ 1¹⁶ 281⁹⁵ 282²⁰ 3⁰⁹ Co⁰⁹

3420 EVC

Co²¹ 9³³ 256⁵²

256⁷⁷ 7⁴⁸ Co²¹

1400

FO⁰⁴ 2²⁶ 283⁶⁰ 283⁸⁵ 4²⁴ Co³⁹

3400

C1⁶¹ 170

192 C-158

0499 DAT

276⁰⁴ 8⁴² Co⁸¹²

Co⁵² 44 260⁰⁹

260³⁴ 7³⁷ C103 ✓

0480

FO¹⁵ 4²⁰ 285¹⁵ 285⁴⁰ 6²⁰ Co⁸⁰

353 FO03

2480

C1⁰⁰ 4³¹ 263³¹

263⁵⁶ 3²⁵ Co¹⁹ ✓

0460

C1³⁹ 7⁰⁴ 286⁴⁵ 286⁷⁴ 7²² Co²⁸

2460

Co⁰⁹ 6⁵⁸ 266¹⁹

266⁴⁴ 5⁰² FO⁰⁷

0445 (D)H

1 BK

877 C134

28743

0440

Co⁴⁵ 7²⁰ 287²⁵ 287⁶⁶ 9²² C1³⁶

2440 BVC

C1⁵⁷ 70²⁸ 268²¹

268²⁶ 8⁵³ FO⁰⁷

0420

1 BK

908 C092

Co¹⁴ 7²⁰ 287⁵⁶ 288¹⁶ 7⁴⁸ C124

2410

FO³² 1²³ 272²⁵

272⁵⁰ 246 FO⁰⁴

0400

La Paloma
N. L. L. Valeria Dr.

287³¹

288²³

1780 EVC

FO²⁵ 5⁵⁴ 275²⁹

276⁰⁴ 6⁴⁶ Co⁴²

054 BK

BM

289¹²

top existing
obscured with 54
over 74 BK
La Paloma

Sly Point Home Ave

6+70¹² Lt.

230²⁷

6+67⁰⁰ E

6+63²⁰ AT

233⁰⁶

232⁵⁰ 02

6+40

C-2¹¹

4¹¹

232⁶⁰

232³⁰

233³⁰ 5¹⁹ C-2¹¹

6+35 @ H

C-2⁰⁰

4¹⁵

232¹⁵

6+20

C-1⁹⁰

5¹⁵

233¹⁹

233⁶⁰

6⁵⁵ C-2²⁵

6+00 BVC, Handy

C-1⁶³

5⁵⁸

233²⁵

234²⁰

6⁵⁸ C-2⁶⁸

5+95 @ H

229²⁵ 30⁶³ C-7⁶⁸

5+85 @ AT

234¹⁷ 7³⁴ C-2⁵⁷

5+60

F-0²⁶ 5²¹

F-0²⁵ 5²²

235⁴⁷

235⁷²

6⁶² C-0²⁰

5+20

F-0⁴⁹

6⁵⁰

236⁷⁹

237²⁴

8¹⁰ C-0⁸⁶

4+80

F-1⁰⁵

7⁴⁶

238⁵¹

238⁷⁶

9⁶⁹ C-0⁹³

4+40 EVC

F-1³⁶

38⁶⁷

240²³

240²⁸

1⁴⁹ C-1²¹

4+20

F-1¹²

40²⁴

241¹⁶

241¹¹

2⁵⁷ C-1¹⁸

✓

F-0²⁴

40³²

241¹⁶

241¹¹

2⁵⁴ C-1¹⁸

The image shows an open notebook with two facing pages. The pages are cream-colored and feature light blue horizontal ruling. Each page is divided into three vertical columns by two faint red lines. The leftmost column is the narrowest, the middle column is the widest, and the rightmost column is of medium width. The pages are otherwise blank, with no handwriting or printed text. The notebook's dark cover is visible at the very edges, and the central gutter where the pages meet is clearly defined.

D. Smith
B Taylor
D. Chapman

INDEXED

JUL 18 1955

Stake Alley BIK 220 Pac Beach
Stun Garnet + Hornblends
Favuel + Gresham

WO# 31958
2/28/55

2+70

CO³¹ 6⁸⁶ 46⁵⁵ 46³⁵ 6⁵⁴ CO¹⁹

2+40

CO⁴⁰ 6⁸⁰ 46⁴⁰ 46²⁰ 6⁵⁴ CO³⁴

2+10

CO³³ 6⁵⁸ 46²⁵ 46⁰⁵ 6⁶⁷ CO⁶²

4199⁸⁵ Gresham ✓
4980 ✓

1+80

CO⁴² 6⁵² 46¹⁰ 45²⁰ 6²² CO³²

4170 (D) AT 02.11
4790 EVC C124 9³⁴ 46¹⁰ 47⁹⁰ 8⁵⁹ CO⁶⁹
9³⁶ 43¹⁰ C-6.26

1+50

CR⁰⁵ 8⁰⁰ 45²⁵ 45⁷⁵ 5⁹⁹ CO²⁴

4140 02.11
C151 9⁰¹ 47⁵⁰ 47³⁰ 8⁰² CO⁷²

1+20

CO⁵³ 6³³ 45²⁰ 45⁶⁰ 5⁸⁸ CO²⁸

4120 BVC 02.11
C140 8⁷⁰ 47³⁰ 47¹⁰ 7⁵⁰ CO⁴⁰ C490
③ 426

0+90

C122 6⁹⁷ 45⁶⁵ 45⁴⁵ 5⁶⁵ CO²⁰

3190 CO⁴⁷ 7⁶² 47¹⁵ 46⁹⁵ 7⁰⁴ CO²⁹

0+60

120 BK
CO⁹⁶ 6⁴⁸ 45⁵⁰ 45³⁰ 5⁴⁷ CO¹⁷

3160 CO²³ 7²³ 47⁰⁰ 46²⁰ 7¹¹ CO³¹

0+40

146 BK
C100 6²⁰ 45²⁰ 45⁰⁰ 5¹⁰ CO¹⁰

3130 CO³⁵ 7²⁰ 46⁵⁵ 46⁶⁵ 7³⁶ CO⁷¹
03 BK

0+00 Elyfavuel

44⁰⁵ 43⁷⁵ V

3100 CO⁷⁴ 7⁴⁴ 46⁷⁰ 46⁵⁰ 7⁸³ C133
007 BK

BM

43⁵⁵ 2+D & Alley
46.7 Favuel

D. Smith
R. Taylor
D. Chipman

Stake Alley BK 199 Pac. Beach

wo# 31958 54
2/28/53

2+60

Co³⁵ 51²² 50⁸⁷ 50⁸⁵ 50⁸⁷ Co²²

Graham

5199²⁰ wly

54⁶³

54⁵⁹

2+40 BVC

Co²⁶ 50²⁵ 50⁶⁹ 50⁶⁵ 50²⁰ Co⁰⁵

44¹⁰
50⁶³
81⁵³

2+20 Dxt

2+10

Co⁴⁵ 50²⁰ 50⁴⁵ 50³⁸ 50⁶⁸ Co³⁰

4470

Co⁴⁹

462 54¹³

54¹⁰ 40¹ FO⁰⁹

1+80

Co⁵³ 50²⁵ 50²² 50¹² 50²⁷ Co¹⁵

43²⁰

50³⁶ C668

4470

037 BK

Co⁷⁹

443 53⁶⁴

53⁶¹ 369 Co⁰⁸

1+70 Dxt

1+50

Co¹⁶ 50¹⁴ 49⁸⁸ 49⁸⁶ 50³⁴ Co⁴⁸

43³⁰
C664

4410

051 BK

Co⁷⁰

404 53¹⁴

53¹² 40⁵ Co²³

032 BK

1+20

Co⁵⁸ 50³³ 49²⁵ 49⁶⁰ 99⁴ Co³⁴

43³⁰
C664

3480

Co²⁵

220 52⁶⁵

52⁶³ 266 Co⁰³

050 BK

3470 Dxt

52⁶⁶ Co⁵⁶

0+90

Co³⁸ 9²⁹ 49⁵¹ 49³⁴ 99⁷ Co⁶³

052 BK

3450

Co⁴⁷

262 52¹⁵

52¹⁴ 24 FO⁰³

0+60

Co²⁸ 9⁵⁶ 49²⁸ 49⁰⁸ 50⁰⁰ Co²⁵

050 BK

3420 EVC

Co⁶⁶

232 51⁶⁶

51⁶⁵ 164 FO⁰¹

0+30

Co¹⁸ 9²² 49⁰⁴ 48⁸² 9⁵⁵ Co⁷³

050 BK

3400

Co⁴⁹

194 51³⁵

51³⁵ 138 Co⁰³

0+00 EVC Parcel

48⁸¹

48⁵⁶

2480

Co²¹

130 51⁰⁹

51⁰⁸ 51¹⁴ Co⁰⁶

BM

51²¹

NW 787 Lt
Fels pav. Parcel

2/5 8/56

Stake Sewer in Olive + Beryl St

W0# 62914
3/7/55

55

2+00 157⁵² 169²⁰ C12³⁸

1+75 156⁶⁶ 167²¹ C11²⁵

1+50 155⁸⁰ 165²⁵ C9⁹⁵

1+25 154⁹⁴ 163²² C9⁰⁵

1+00 154⁰⁸ 161⁵⁸ C7⁵⁰

+14 5²⁰ @ 10 1/2" dia

0+71³³ SMH #2
L. 32° 12' 30" R.

153⁰⁸ 159¹⁶ C6⁰⁸

2+85⁶² - end lateral
6" 159⁴⁰ 170²⁰ C11¹⁰

0+50 152³⁶ 154³⁷ C5⁰¹

2+64¹² 159³⁰ 170⁴⁶ C11¹⁶

0+25 151⁵⁰ 156²⁷ C5²⁷

5+0 @ 42 2+42⁶² - SMH #3 159⁰⁰ 170⁵⁵ C11⁵⁵

0+00 SMH #1
Make connection 150⁶⁴ 156³¹ C5⁶⁷

2+25 158³⁸ 170⁵⁸ C12²⁰

BM 177⁴¹
SW Proprietary pipe
Noyes + Beryl
FB 2349
38

	Rough	Ob Grade	Ob Stake	Ob Stake	Ob Grade	Grade Sty
1+10		137 ⁵⁹	759 G		136 ⁹⁰	
0+90	749 C15	136 ⁰⁴	577 F027		134 ⁹⁹	
0+70	421 F06	134 ⁸³	444 F039			
2 nd Ad 0+64 ⁵³ EC		60 134 ⁶⁸	F120 340 F			
BC		50 134 ⁵⁴	F110			
0+62 ⁵³ @ Prop easement 5/10 ebbace	/	134 ⁸⁰	433 F047			
0+42 ⁵³ @ Prop easement	✓	133 ⁹² 134 ⁰⁵	504 C112			
EC		52 133 ⁶⁹	F028			
2 nd Ad 0+40 ⁵³ BC		44 133 ⁶²	324 F020			
0+38 ⁵³ Begin project		used as 44 133 ⁴⁰				
0+00						

	Rough	C6. Grade	C6. Stake	L Stake	L Grade	1/4 is' N of Q Grade	M stake	Grade Sty	
2+80		159 ⁶⁵	159 ⁶⁴		159 ¹⁵	159 ²⁷	8 ⁴⁵ FO ⁸²		
2+60 BUC,	59 ³⁰ C-23	157 ⁰⁰	156 ²⁷		156 ⁵⁰	156 ⁶²	5 ⁹¹ FO ⁷¹	156 ⁰⁰	68 ²⁴ C-12 ³⁴
2+15+	51 ⁷⁰ C-10	150 ²⁰	150 ⁸⁹		150 ²⁰	150 ³²	9 ⁴⁵ FO ⁸⁷	149 ⁷⁰	58 ²¹ C-8 ⁵¹
2+13 ⁵¹ EC		150 ⁵⁰	150 ⁸⁰				Stop here due to st narrows ↓		
BC.		150 ³⁴	150 ⁴⁶						
2+12 ²⁸ MID PT					147 ⁰⁵	147 ¹⁷	6 ³⁶ FO ⁸¹		149 ²⁵
2+02 ²⁸ MID PT									
EC.		149 ⁰¹	FO ³³						
2+01 ²⁵ BC,		148 ⁸⁵	86 ⁸ FO ¹⁷						
1+70 EVC,	46 ⁰⁸ C-12	144 ⁴⁰	44 ¹⁸ FO ²²		143 ⁹⁰			7 ¹⁷ 143 ⁴⁰	48 ¹⁹ C-4 ⁸
1+50		141 ⁷⁸	41 ²² CO ⁰¹		141 ²⁸				
1+30	40 ⁵⁴ C-12	139 ⁵¹	96 ⁴ CO ¹³		139 ⁰¹			138 ⁵¹	

	Rough	db grade	Cb stake	stake &	C grade	5'sly Grading	H is only Grade	V stake	Grade Sly	
5100	7057 10-0 31	170 ²⁸	7053 0025		169 ⁸⁶	71 ¹¹ 0/3	199 ²⁷	9 ²⁷ F050		
4774 ⁴⁰									169 ²¹	71 ⁴⁴ C-20
4460 EVC	7224 C-18	170 ⁴⁸	7062 0014		169 ⁹⁸		170 ¹⁰	9 ⁴⁸ F062	169 ⁴⁸	72 ⁴¹ 033
4440		170 ⁴⁴	7067 0023		169 ⁹⁴		170 ⁰⁶	9 ⁴⁵ F061		
4420	7395 C-28	170 ¹¹	7049 0038		169 ⁶¹		169 ⁷³	9 ⁰ F063	169 ¹¹	81 ⁰⁸ C-12 ⁰
4400		169 ⁵⁰	969 0019		169 ⁰⁰		169 ¹²	8 ⁴⁰ F072		
3780	7555 C-701	168 ⁵⁸	846 1012		168 ⁰⁸		168 ²⁰	7 ⁴⁵ F075	167 ⁵⁸	83 ¹¹ C-16 ⁰
3760		167 ³⁷	6717 F020		166 ⁸⁷		166 ⁹⁹	6 ³⁸ F069		
3740	7628 C-1080	165 ⁸⁸	6566 F022		165 ³⁸		165 ⁵⁰	4 ⁶⁶ F084	164 ⁸⁸	81 ⁶⁰ C-16 ⁰
3720		164 ¹⁰	6374 F036		163 ⁶⁰		163 ⁷²	2 ⁸⁰ F095		
3700	7726 C-521	162 ⁰²	187 F015		161 ⁵²		161 ⁶⁴	0 ⁷³ F091	161 ⁰²	75 ³³ C-14 ³

	Rough	Grade	Stake	Stake E	E grade	S's of Grading	1/4 15' Myself Grade	1/4 Stake
Prop		16940	930 Fo10					
7+26 ⁹⁵ EC 7+25	71 ⁹⁰ C28	16923	6014 937		16868	72 ⁷ C35	16878	837 Fo42
7+22 ⁹⁵ BC 7+21 use		16917	6020					
6+85 ⁷⁰	702 C12	16934	6942 6008		16888	70 ⁸⁴ C20	16898	852 Fo46
6+44 ⁴⁵	6926 C67	16953	6973 6020		16909	69 ³¹ C03	16919	870 Fo49
6+20	F03 6920	16966	6981 6015		16922	68 ²⁴ F05	16932	874 Fo58
TP. 5+80	6915 F07	16987	6981 F006		16943	68 ⁰⁴ F14	16953	887 Fo66
5+77 ⁶¹ EC		16988	984 F004					
5+76 ²⁸ Mid Pt								
5+74 ²⁸ Mid Pt								
5+73 ²⁵ BC		16992	971 F021					
5+40	6925 F08	17008	7004 F004		16964	68 ⁶⁴ F10	16984	900 Fo74

slightly grading

Rough	Cb grade	Cb	Stake	E grade
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8+84 ⁴	67 ⁰ C-2 ⁴	562 664 165 ⁵²	C-1 ⁴ 0 ¹⁰	
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8+64 ⁴		699 737 166 ⁸²	C-0 ¹²	
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5153 ¹⁵	71 ⁵ C-3 ⁸	8 72 ⁸ 167 ⁸⁷	C-0 ¹¹ 7	167 ³⁹
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8+24 ⁴		873 168 ⁵⁰	100 ⁷	
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8+04 ⁴ BVC	72 ²² C-3 ⁵	879 168 ²⁸	F-0 ¹	168 ²⁹
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7+76 ²	72 ³⁴ C-3 ⁴	899 168 ²¹	C-0 ⁰⁸	168 ⁴³
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7+49 ⁴	72 ⁴² C-3 ⁴	914 169 ⁸⁴	C-0 ¹⁰	168 ⁵⁶
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7+42 ²⁵ EC		169 ⁰⁸	C-0 ¹⁰	
7+41 ⁻			91 ⁸	

7+38 ²⁵ BC		169 ¹⁸	G	
7+37 ⁻			92 ⁵	
Prop		169 ³⁵	F-0 ¹⁰	

167⁰⁰ 70⁰ C-3²

see profile for 1/4" E grades and
 1/4" stake
 83⁸
 F-0²⁰

BM Good Rd Road Pt 5/5 815918 elev 16986

015
57
960

61

Rough C6
grade C6
5/4 K

5184400

9+44⁴¹

9⁰¹

C18

15860

15900

6076

C20

9+39⁴¹

15940

960

C020

9+24⁴¹

357

C18

16173

130

F043

9+04⁴¹

16381

323

354

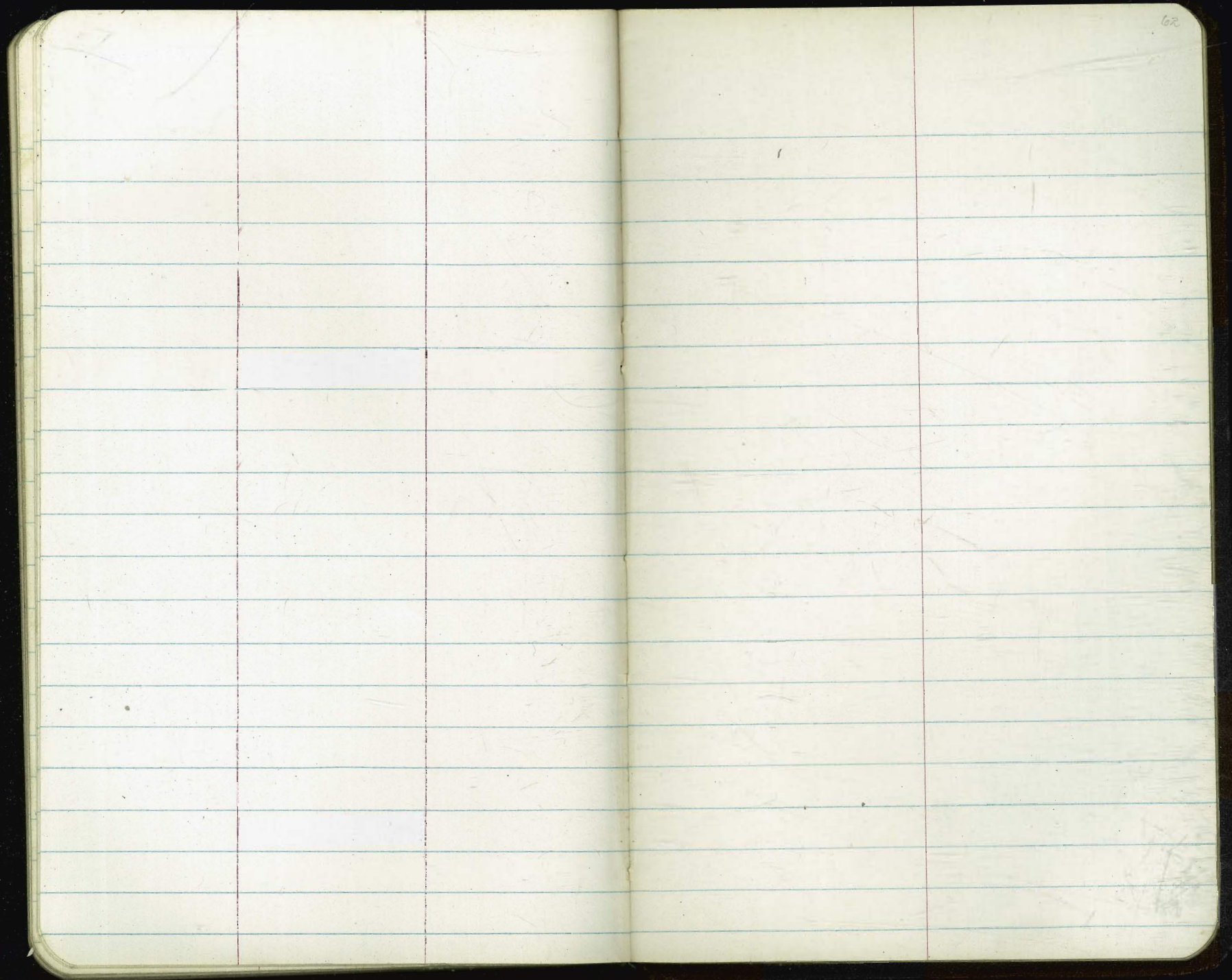
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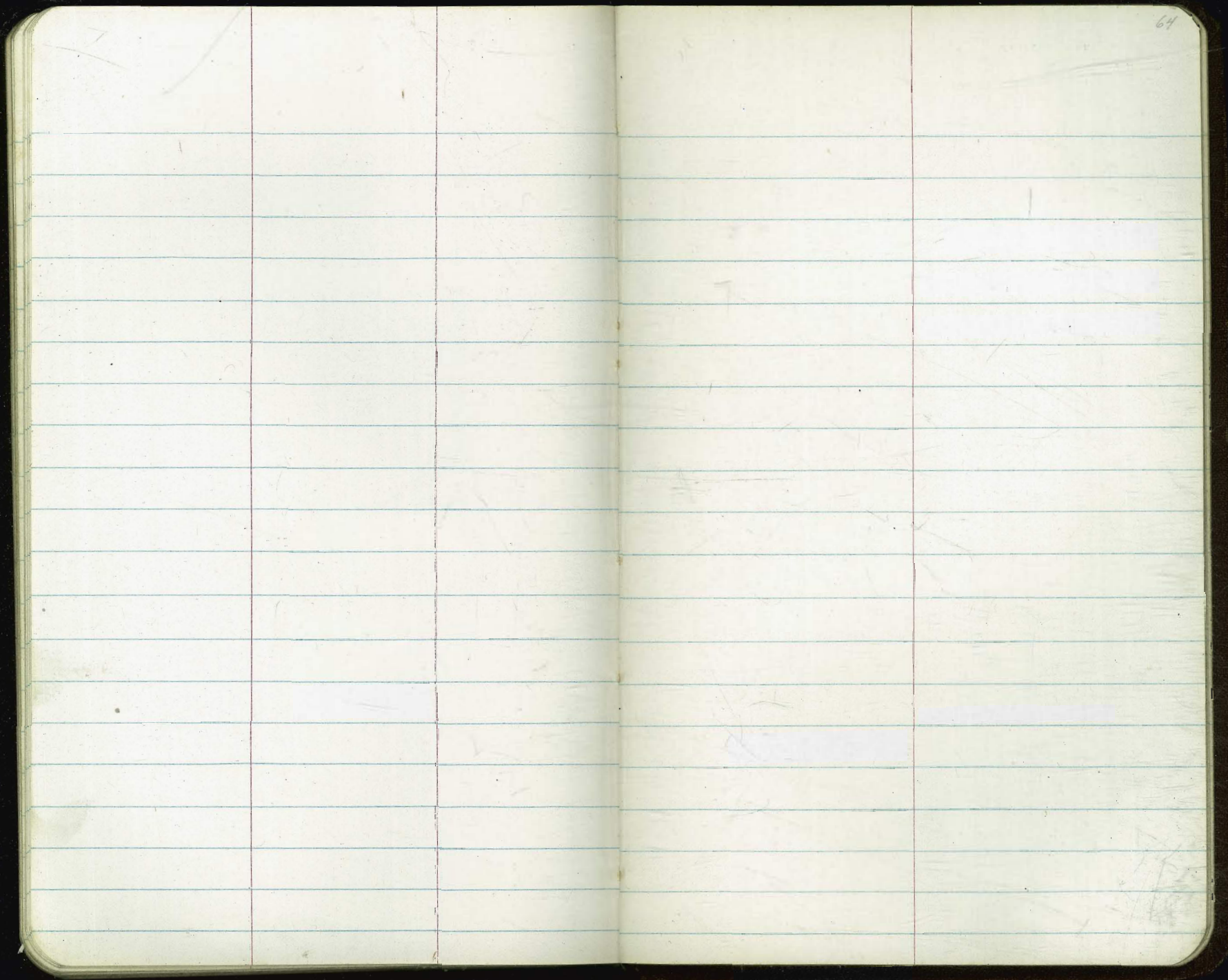
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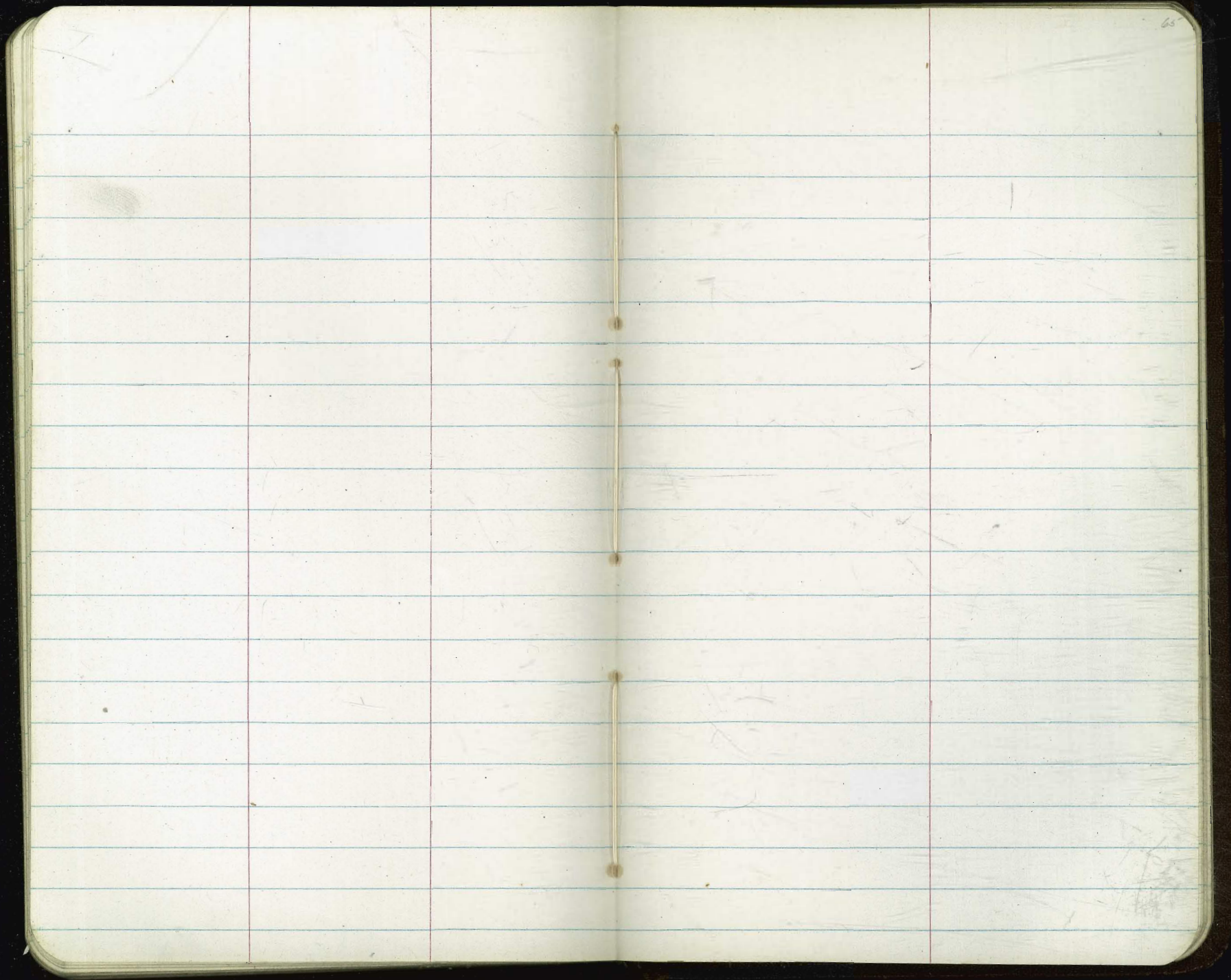
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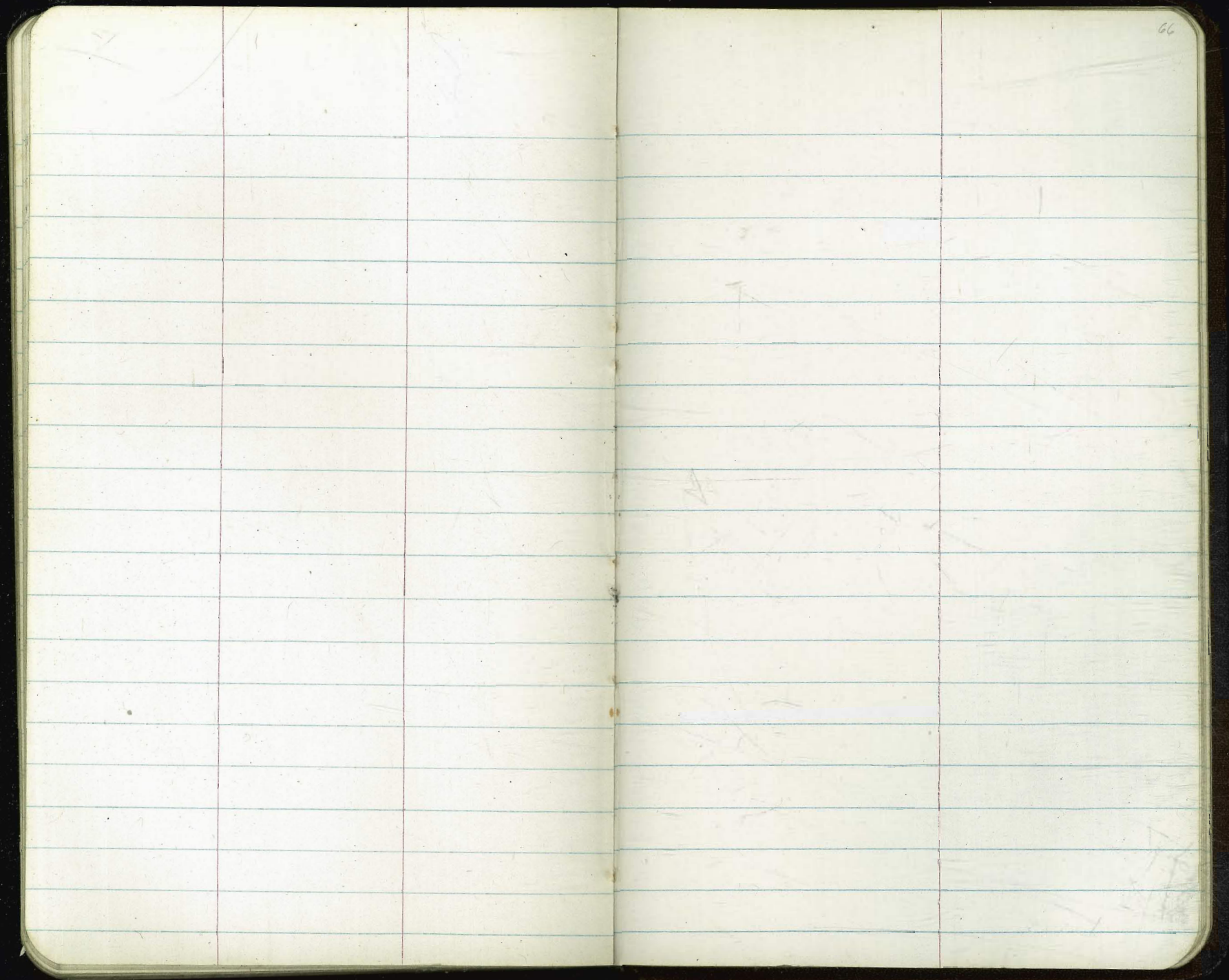
6653

C25









	Rough	06 grade	Lt-Nly C6	2575	105 grade	105 Stake.	E	E Stake	105 Stake	105 grade	2575	06 C6	06 grade	67 Rough
2440		57 ³⁵	7 ²⁹ F006	57 ²¹	57 ²⁸	7 ³⁶ F008	57 ³⁷		7 ⁴⁰ C014	57 ²⁶	56 ²⁷	6 ⁰⁰ F002	56 ²²	
2420	9 ³³ C21	57 ²³	7 ⁰⁹ F014	57 ²⁹	57 ²⁸	7 ²⁷ F001	57 ²⁷	6 ⁵⁷ F070	7 ⁴⁴ C028	57 ¹⁶	56 ²⁷	6 ⁰⁴ C008	56 ²⁶	61 ⁸⁴ C51
2400		57 ⁰⁹	7 ⁰⁵ F004	56 ²⁵	57 ¹⁴	7 ⁰⁹ F005	57 ¹⁴		7 ¹³ C009	57 ⁰⁴	56 ²⁸	6 ⁰⁰ C015	56 ⁶⁵	
1480 BVC	9 ⁰¹ C21	56 ²⁹	6 ⁹⁹ C010	56 ⁷⁷	56 ²⁸	6 ⁹³ F005	56 ⁹⁸	6 ²² F076	7 ¹⁴ C023	56 ²⁸	56 ⁵³	6 ⁰³ C013	56 ²¹	60 ⁸⁴ C43
1460	8 ⁵² C18	56 ⁶⁹	6 ⁷⁴ C005	56 ⁵⁷	56 ²⁸	6 ⁷² C001	56 ²⁹	6 ⁰³ F076	6 ⁴⁸ F002	56 ²⁰	56 ²⁵	6 ⁴⁰ C004	56 ³⁶	7 ⁵³ C12
1420	6 ²⁶ C06	56 ²⁹	6 ⁴⁶ C012	56 ¹⁸	56 ⁴¹	6 ²¹ F010	56 ⁴³	5 ⁴⁷ F026	6 ⁰² F028	56 ³⁵	56 ⁰²	6 ⁰⁰ F004	56 ⁰⁴	60 ¹⁵ C41
0480	6 ²⁰ C08	53 ⁸⁸	5 ²⁰ C002	55 ⁷⁷	56 ⁰⁴	5 ²² F022	56 ⁰⁷	5 ⁰⁸ F099	5 ¹⁴ F029	56 ⁰⁰	55 ²⁹	5 ⁰² F010	55 ⁷²	8 ²³ C30
0440	6 ⁴⁷ C10	55 ⁴⁷	6 ⁰⁴ C057	55 ⁴⁰	55 ⁰⁷	5 ⁵⁹ F017	55 ⁷¹	4 ⁸⁴ F087	5 ⁵⁵ F010	55 ⁶⁵	55 ³⁶	5 ⁴⁷ C007	55 ⁴⁰	8 ³⁰ C28
0410 BC. &	30 ^{had} 6 ⁴⁴ C15	55 ¹⁶	4 ⁹⁰ F026	55 ²¹	55 ³⁹	5 ¹¹ F028	55 ⁴⁴	4 ⁹¹ F053	5 ²¹ F018	55 ³⁹	55 ²¹	5 ¹⁰ F006	55 ¹⁶	8 ¹¹ C30
0400	fly Hawke	54 ⁹⁸	Meet	55 ⁰²	55 ³⁰		55 ²⁵		4 ⁹⁰ F040	55 ³⁰	55 ⁰²	Meet	54 ⁹⁴	

	Rough	C6 grade	LT-N/ly C6	25 ⁷⁵	10 ⁵ grade	10 ⁵ state	2	2 state	10 ⁵ state	10 ⁵ grade	Rt. Sky 25 ⁷⁵	C6	C6 grade ingram	Rough 68
30hd 4189 ²⁶ BC, 14	714 C05	5660	659 F01	5626	5630	498 F132	5617	506 F11	510 F084	5594	5539	484 F034	5460 5518	527 C01
4460	726 C05	5629	680 C01	5646	5654	607 F044	5642	570 F072	578 F022	5620	5568	518 F032	5550	596 C05
4420	751 C05	5704	705 C01	5625	5685	621 F044	5675	620 F055	650 F005	5655	5606	562 F028	5590	608 C02
3480 EVO	768 C04	5729	703 F026	5722	5715	709 F006	5707	691 F016	730 C041	5689	5643	639 C009	5630	630 G
3460		5740	719 F021	5716	5728	725 F003	5721	723 C05	720 C016	5704	5640	667 C019	5648	
3450 @ LT	916 G173 ←	5743												
3440	948 C22	5747	765 C018	5726	5739	728 F011	5733	698 F035	725 C008	5717	5624	674 C010	5664	634 F03
3420		5751	763 C012	5732	5746	672 F009	5741		737 C011	5726	5681	721 C047	5674	
3412 ⁵ @ LT	876 C124 ←	5752												
3400	818 C06	5753	767 C014	5734	5749	727 F042	5745	621 F074	740 C009	5731	5620	738 C056	5682	6083 C40
2480		5750	753 C003	5733	5749	731 F018	5746		739 C006	5733	5693	714 C029	5685	
2476 @ LT	IN ←	5749												
2460	884 C14	5745	748 C021	5730	5746	735 F011	5744	658 F086	740 C008	5732	5692	707 C021	5686	6057 C32

1/3

436
FO24 5460 ⁵/₁₀ 06/100

2/3

488
CO28 5480 ⁵⁵/₁₀₀ 06/100

25⁷⁵ 10⁵
grade slake

2

10⁵
slake grade

1/3

425
FO24 5498 ⁶¹/₁₀₀ 06/100

edge per existing

56²⁰ 56¹⁰

55⁹⁵

506
FO64 55²⁰

25⁷⁵
55¹⁵

20'

4499 ⁹⁶/₁₀₀ ¹⁰⁰/₁₀₀ ¹⁰⁰/₁₀₀

56⁵⁵ meet 55⁹⁹
grade

56¹⁹ 56²³

56⁰⁹

55⁸⁶ 55³⁰

55⁰⁷

	18x Prop		LT. Nly					RT = Sly					
	rough	abgrade	C6	2575	Grade 102	Stake 101	Q	Stake 101	Grade 105	2675	C6	C6 grade	rough
3460	21 ¹⁸ C03	20 ⁸⁴	076 F008		20 ⁷⁷	070 F001	20 ⁰³ F061 20 ⁶⁴	009 F028	20 ⁴⁷		20 ¹⁰ C020	1990	1942 F005
3420	20 ⁸² C04	20 ⁴²	2048 C006		20 ²⁸	010 F018	20 ⁹⁴ F066 20 ²²	986 F020	20 ⁰⁶		964 C015	1949	1922 F03
2780	20 ⁴⁷ C05	19 ²⁹	2003 C004		19 ⁸⁷	968 F019	20 ⁰⁷ F074 19 ⁵¹	934 F011	1965		917 C008	1909	1892 F02
2740	20 ¹³ C06	19 ⁵⁷	959 C002		19 ⁴⁶	932 F014	20 ⁶⁶ F022 19 ⁴⁰	906 F018	1924		885 C017	1868	1860 F01
2700		19 ¹⁵	meet		19 ⁰⁴	886 F018	20 ²⁰ F028 19 ⁷⁸	851 F031	18 ⁸²		836 C008	1828	1840 F03
1760		18 ⁷²			18 ⁶²	830 F032	764 F019 18 ⁵⁷	789 F033	18 ⁴²		782 F005	1787	1749 F04
1720		18 ³⁰			18 ²¹	767 F054	712 F124 18 ¹⁶	763 F038	18 ⁰¹		742 F005	1743	1706 F02
0780		17 ⁸⁸	812 C024		17 ⁷⁷	730 F049	672 F025 17 ⁷⁴	745 F014	17 ⁵⁹		698 F008	1706	1644 F05
0740		17 ⁴⁶	760 C014		17 ³⁸	708 F030	674 F08 17 ³³	719 C001	17 ¹⁸		678 C012	1666	1643 F02
0710					17 ⁰⁷	682 F025	682 F025 17 ⁰²	664 F023	16 ⁸⁷				
0700 Fly Cass		17 ⁰⁴	meet				16 ⁹²				meet	16 ²⁵	

	100 Rough	C6 Grade	C6 25 ²⁵	G ₁₀₅	stake edge, rod	Q stake	Q	stake edge, rod	G ₁₀₅	RT-Sly 25 ²⁵	C6	C6 Grade	71 100 Rough
1+60	487 C08	24 ⁰¹	388 F03	100 23 ⁸⁷	376 C09	354 F05	23 ⁷⁷	368 C07	23 ⁶¹		327 C026	23 ⁰¹	356 C09
1+37 ⁵ (W) Lt	465 C02	23 ⁸⁶											
1+20	441 C02	23 ⁷⁵	376 C01	101 23 ⁶¹	381 C020	343 F010	23 ⁵³	374 C021	23 ²⁵		277 C023	22 ²⁵	316 C01
0+80	426 C08	23 ⁴⁹	353 C024	114 23 ³⁵	311 F024	300 F027	23 ²⁷	319 C010	23 ⁰⁹		253 C024	22 ⁴⁹	264 C02
0+40	393 C06	23 ²³	325 C022	101 23 ⁰⁹	285 F024	262 F039	23 ⁰¹	273 F010	22 ⁸³		225 C022	22 ²³	206 F02
0+10 Fly, C. C.	30 1/2 355 C05	23 ⁰⁴	270 F034	101 22 ²⁰	276 F014	263 F019	22 ⁸²	249 F015	22 ⁶⁴		184 F020	22 ⁰⁴	138 F07
0+00 Fly Daws		22 ⁸⁸	met				22 ⁷⁶				met	21 ⁷⁸	
4+996 J Wly Daws		22 ²²	met				22 ⁰⁹				met	21 ¹³	
4789 67 Wly BC	30 1/2 2172 Daws F03 22 ²⁰	22 ²⁰	213 F007	22 ⁰⁷	216 C009	2182 F011	21 ⁰⁹	225 C044	21 ⁸¹		106 F015	21 ²¹	20 ⁰⁰ F12
4774 67 (W) Lt	22 ²³ C-03	22 ⁰⁶										21 ⁰⁶	20 ⁰⁴ F102
4740	22 ⁰¹ C03	21 ⁶⁵	168 G	21 ⁵⁴	161 C007	2074 F053	21 ⁴⁷	028 F032	21 ³⁰		062 F02	20 ⁷⁷	20 ⁰⁰ F06
4700	21 ⁴⁴ C02	21 ²⁶	122 F004	21 ¹²	112 G	2077 F058	21 ⁰⁵	054 F034	20 ⁸⁸		055 C024	20 ³¹	1976 F06

	Rough	C6 Grade	C6	2575	105 G	105 Stake	L	Stake 2	5 105	Stake 105	2575	C6	C6 Grade	Rough
3780		26 ²⁶	6 ³² C026		26 ¹²	6 ²³ C04	26 ⁰⁴		25 ⁸⁶	6 ⁰⁰ C04		5 ³⁹ C013	25 ²⁶	
3760	7 ⁴⁸ C15	25 ²⁶	5 ⁹⁸ C002		25 ⁸²	5 ⁷¹ C009	25 ⁷⁴	5 ⁹⁰ C016	25 ⁵⁶	5 ⁶⁷ C011		5 ⁰⁵ C009	24 ⁹⁶	5 ⁵¹ C06
3740		25 ⁶⁷	5 ⁶⁰ F007		25 ⁵³	5 ⁵⁴ C001	25 ⁴⁵		25 ²⁷	5 ⁴¹ C014		4 ⁸³ C016	24 ⁶⁷	
3725 (W) Lt	6 ⁴⁷ C12	25 ⁴⁷												
3720	6 ⁵⁸ C12	25 ⁴¹	5 ⁴⁸ C007		25 ²⁷	5 ²⁹ C002	25 ¹⁹	5 ⁵³ C036	25 ⁰¹	5 ³¹ C030		4 ³⁴ F007	24 ⁴¹	5 ¹³ C07
3700		25 ¹⁷	5 ²⁷ C009		25 ⁰³	5 ¹⁰ C007	24 ⁹⁵		24 ⁷⁷	5 ¹⁰ C033		4 ⁴⁷ C030	24 ¹⁷	
2780	6 ²⁶ C13	24 ²⁵	5 ¹³ C018		24 ⁸¹	4 ⁷⁸ F003	24 ⁷⁵	5 ⁰⁸ C035	24 ⁵⁵	4 ⁷⁷ C022		4 ²¹ C026	23 ²⁵	4 ³⁸ C03
2775 (W) Lt	26 ¹³ C123	24 ²⁰												
2760		24 ⁷⁵	4 ²⁸ C023		24 ⁶¹	4 ⁴⁶ C025	24 ⁵³		24 ³⁵	4 ⁶⁰ C025		4 ⁰⁵ C030	23 ⁷⁵	
2740	5 ⁰⁷ C14	24 ⁵⁷	4 ²⁰ C013		24 ⁴³	4 ³⁹ F004	24 ³⁵	4 ⁶¹ C026	24 ¹⁷	4 ³³ C016		3 ⁸⁸ C011	23 ⁵⁷	4 ⁵⁷ C10
2720		24 ⁴¹	4 ³⁴ F007		24 ²⁷	4 ²⁴ F003	24 ¹⁹		24 ⁰¹	3 ⁹² F009		4 ¹³ C072	23 ⁴¹	
2700 BVC	5 ⁵⁶ C13	24 ²⁷	4 ¹⁵ F010		24 ¹²	4 ¹⁷ C004	24 ⁰⁵	4 ⁰² F003	23 ⁸⁷	3 ⁸¹ F006		3 ⁸⁴ C057	23 ²⁷	3 ⁸⁷ C06

	Rough	C6 grade	C6	2575	1050 grade	1053 stake	♀	♂ stake	stake 105	105 grade	2575	C6	C6 grade	Rough
1720		3146	152 C006		3144	158 C016	3136		131 C010	3121		085 C018	3067	
1700 B.V.C.	223 C18	3116	120 C004		3109	129 C020	3103	2988 F15	093 C006	3087	3044	045 C012	3033	244 C21
0755	253 C21	3045	055 C010		3034	048 C014	3027	939 F088	017 C007	3010	2966	978 C025	2953	166 C21
0710 Fly Everts	3066 Everts C30	2972	3007 C033		2960	963 C003	2952	892 F060	936 C002	2934	2888	897 C023	2874	C28 3155
	C32	2932											2830	C33
0700 Fly Everts		2960			2944		2936			2920	2872		2860	
♀ Everts	827 C008	2889	791 F016				2871	826 F048				792 F017	2779	792 F017
419987 Wly Everts		2820					2803						2724	
	C03	2867											2724	F03
418987 B.C. C6 wly	3066 Everts C09	2807	791 F016		2793	767 F026	2785	753 F032	756 F011	2767		685 F022	2707	667 F04
4158 Wly Lt	827 805	2752												
4140	805 C08	2724	718 F006		2710	620 F020	2702	648 F034	607 F017	2684		633 C009	2624	655 C03
41125 Wly Lt	763 C085	2678												
4100 E.V.C.	809 C18	2658	662 C004		2644	652 C008	2636	635 F001	617 F001	2618		561 C003	2558	607 C05

	Rough	Cb grade	Lt-Nly Cb	25 th	10 ⁵ grade	10 ⁵ stake	♀	♀ stake	10 ⁵ stake	10 ⁵ grade	W-Sly 25 th	Cb	Cb grade	74 Rough
3740	517 C12	3327	404 C007		3425	414 C009	3407	224 F123	408 C008	3400	3369	406 C031	3325	392 C02
3700 EVC	420 C13	3362	363 C001		3372	378 C006	3373	240 F133	368 C004	3364	3329	342 C014	3328	380 C05
2780		3344	336 F008		3352	357 C005	3352		349 C007	3342		314 C010	3304	
2760	441 C12	3324	308 F016		3320	322 F008	3329	196 F138	327 C009	3318	3282	285 C006	3229	368 C02
2740		3303	296 F012		3307	294 F013	3305		257 F005	3223		253 C001	3252	
2720	505 C22	3281	281 C		3283	272 F011	3280	123 F117	256 F011	3267	3229	231 C007	3224	299 C02
2700		3256	265 C009		3257	236 F021	3254		228 F013	3244		213 C018	3125	
1780	324 C02	3231	242 C011		3230	201 F029	3226	3027 F129	208 F004	3212	3172	185 C020	3165	328 C16
1760		3205	212 C007		3202	182 F020	3197		191 C008	3183		147 C012	3134	
1740	343 C12	3176	188 C009		3172	172 C004	3167	3042 F125	151 F001	3152	3111	124 C022	3102	302 C24

	Rough	Cb grade	LP-Nly C6	25 ²⁵	10 ⁵ grade	10 ⁵ stake	2	2 stake	10 ⁵ stake	10 ⁵ grade	25 ²⁵	C6	Cb grade	Rough
1470	8 ³⁶		8 ³⁶	38 ¹⁸		8 ³⁸		8 ³⁵	8 ³⁸	38 ²⁶	37 ²⁰	7 ⁸⁷		7 ⁹¹
1470 BVC	G	38 ³²	CO ⁰⁴		38 ³⁸	FO ⁰⁶	38 ³⁷	CO ⁰⁸	CO ⁰⁶			CO ⁰¹	37 ⁸⁶	CO ⁰⁴
1430	8 ⁰²		7 ⁶⁵	37 ⁶⁹		7 ⁸⁹		8 ²⁴	7 ⁸⁴		37 ⁵⁰	7 ⁵⁴		7 ²²
	CO ⁰²	37 ⁸³	CO ⁰²		37 ⁹¹	FO ⁰²	37 ⁹³	CO ⁰³	G	37 ⁸⁴		CO ⁰³	37 ⁵¹	FO ⁰³
0490	7 ³⁷		7 ⁷⁸	37 ²¹		7 ⁷²		7 ⁵⁷	7 ²⁹		37 ¹⁰	7 ³⁸		5 ⁸²
	G	37 ²⁵	CO ¹³		37 ⁷⁶	FO ⁰⁴	37 ⁴⁹	CO ⁰²	FO ¹²	37 ⁴¹		CO ⁰²	37 ¹⁷	FI ¹⁴
0450	7 ²³		6 ⁴⁵	36 ⁷²		6 ⁸²		7 ⁰¹	6 ⁸⁶		36 ²⁰	6 ⁸⁸		6 ⁰⁷
	CO ¹⁴	36 ⁸⁶	FO ⁰¹		37 ⁰⁰	FO ⁰⁸	37 ⁰⁵	FO ⁰⁴	FO ¹²	36 ²⁸		CO ⁰⁶	36 ⁸²	FO ⁰²
0440 DLT	7 ¹⁹													
	CO ³⁶	← 36 ⁷⁴												
0410 Brk	6 ³⁶		6 ⁴⁹	36 ²⁴		6 ⁵³		6 ⁴³	6 ⁵¹		36 ³⁰	6 ³⁴		5 ⁶²
	G	36 ³⁸	CO ¹¹		36 ⁵⁴	CO ⁰¹	36 ⁶¹	CO ⁰²	FO ⁰¹	36 ⁵⁶		FO ¹⁰	36 ⁴⁸	FO ⁰³
0400 Fly Fuel		36 ³⁸	Meat				36 ⁵⁰					Meat	36 ⁴³	
449964 Wly Fuel		35 ³⁷	meat				35 ⁴³					meat	35 ⁴²	
448964 Brk	6 ³		5 ⁵²			5 ⁸⁹		5 ²¹	5 ⁷³			5 ⁹⁶		4 ⁴⁶
	CO ¹⁹	35 ³⁰	CO ²³		35 ²⁸	CO ⁰¹	35 ³⁵	FO ¹⁴	CO ³⁹	35 ³⁴	35 ¹⁸	FO ⁰⁶	35 ⁵²	FI ¹¹
4460	6 ³		5 ²²			5 ⁵⁷		4 ³³	5 ²⁴			5 ⁰¹		3 ²³
	CO ¹³	35 ⁰²	CO ²⁰		35 ⁰³	CO ⁵⁴	35 ⁰⁹	FO ²⁶	CO ¹⁶	35 ⁰⁸	34 ⁸⁸	FO ¹⁵	35 ¹⁶	FI ¹⁴
4420	6 ¹¹		4 ⁷²			5 ²³		3 ²⁰	4 ⁷²			4 ⁶⁸		3 ³⁵
	CO ¹⁴	34 ⁶⁷	CO ¹⁰		34 ⁷¹	CO ⁵²	34 ⁷⁵	FI ⁰⁵	CO ²⁰	34 ⁷²	34 ⁴⁸	FO ⁰¹	34 ⁶⁹	FI ¹³
3480	6 ¹⁵		4 ³⁴			4 ⁶⁴		3 ³²	4 ⁶⁶			4 ⁴⁹		2 ⁴²
	CO ¹⁸	34 ³²	CO ⁰³		34 ³⁸	CO ²⁶	34 ⁴⁴	FI ⁰⁹	CO ²⁴	34 ³⁶	34 ⁰⁸	CO ²⁷	34 ²²	FI ¹⁸

	Rough	C ₆ Grade	C ₆	Lt. N _{1/2} 25 ²⁵	10 ⁵ Grade	10 ⁵ State	Q	Estab _{1/2}	10 ⁵ State	10 ⁵ Grade	Rt. S _{1/2} 25 ²⁵	C ₆	C ₆ Grade	76 Rough
3470 E.V.S.	43 ⁵⁴ C25	41 ⁰¹	103 C002	40 ⁷⁹	40 ⁹⁰	117 C027	40 ⁸⁴	158 C074	076 C028	40 ⁶⁸	40 ²³	048 C036	40 ¹²	40 ⁷⁷ C07
3460 @ Lt.	42 ⁸⁵ C200 ←	40 ⁸⁵												
3450		40 ⁷⁰	078 C008	40 ⁷⁹	40 ⁶¹	085 C024	40 ⁵⁵		059 C020	40 ³⁹	39 ⁹⁵	015 C031	39 ⁸⁴	
3430	41 ²² C15	40 ⁴²	072 C027	40 ²¹	40 ³⁴	060 C026	40 ²⁸	113 C085	042 C020	40 ¹²	39 ⁶⁹	924 C016	39 ⁵⁸	40 ²¹ C06
3410 @ Lt.	41 ⁶⁸ C153 ←	40 ¹⁵	019 C004	39 ⁹⁴	40 ⁰⁷	024 C017	40 ⁰²		927 C012	39 ⁸⁷	39 ⁴⁴	960 C027	39 ³³	
2490	41 ²⁵ C16	39 ⁸⁶	996 C010	39 ⁶⁶	39 ⁷⁷	927 C018	39 ⁷⁵	40 ⁴⁹ C074	921 C020	39 ⁶¹	39 ¹⁸	919 C011	39 ⁰⁸	928 C02
2470		39 ⁵⁹	929 C020	39 ⁴⁰	39 ⁵⁴	962 C028	39 ⁵⁰		920 C027	39 ³⁶	38 ⁹⁴	889 C004	38 ⁸⁵	
2450	40 ⁴⁸ C12	39 ³²	919 F013	39 ¹³	39 ²⁸	942 C014	39 ²⁵	989 C044	925 C013	39 ¹²	38 ⁷⁰	868 C006	38 ⁶²	827 C02
2430		39 ⁰⁷	908 G001	38 ²⁰	39 ⁰⁶	930 C024	39 ⁰³		905 C015	38 ⁷⁰	38 ⁵⁰	865 C022	38 ⁴³	
2410	981 C10	38 ⁸¹	889 C008	38 ⁶⁵	38 ⁸²	891 C009	38 ⁸⁰	938 C058	876 C008	38 ⁶⁸	38 ²⁹	836 C013	38 ²³	857 C03
1490		38 ⁵⁶	871 C015	38 ⁴¹	38 ⁵⁷	870 C014	38 ⁵⁸		862 C015	38 ⁴⁷	38 ²⁹	817 C013	38 ⁰⁴	

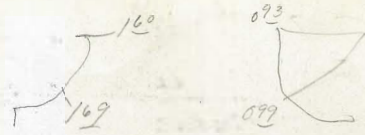
	Rough	Grade	LT- W14 C6 474	2575 105 grade	105 stake	2	2 stake	105 stake	105 grade	2575	66	Grade	77 Rough
1760	823 C13	4745	469 C065	4729	4747	953 C006	4745	74 FO16	718 C615	4733	4695	626 C006	4690 C04
			584										
1720	814 C15	4665	541 C010	4648	4665	658 F007	4662	669 C007	652 C003	4649	4610	629 C025	4604 C05
1700 @ HT 0790 @ HT	720 C14	4606											420 FO20
0780	628 C02	4586	633 C010	4567	4583	542 F011	4579	525 F054	553 F013	4566	4525	525 C008	4517 F08
0740	657 C15	4506	713 FO27	4486	4501	483 F018	4496	411 F085	463 F018	4481	4440	439 C008	4431 F05
0710 B.C.S.	620 C12	4446	773 FO03	4426	4439	410 F039	4434	357 FO27	394 F025	4412	4376	353 F013	4366 FO3
0700		4414	meet	4405	4418		4413		345 FO53	4398	4355	meet	4332
4199	W14 69 Gradium	4225	meet	4221	4281		4273		217 FO38	4255	4202	4225 meet	4198
4189	30% B.C.S.	4280	284 C004	4255	4266	198 FO68	4258	201 FO57	197 FO43	4240	4194	180 Grade	4180 C02
4150	366 C15	4221	220 FO1	4194	4204	194 FO10	4197	173 FO24	168 FO12	4180	4134	123 FO1	4124 C12
4110	346 C12	4161	157 FO04	4132	4142	147 C005	4136	186 C050	139 C002	4120	4074	091 C023	4068 C06

L¹-N¹yR¹-S¹y

	Rough	06 grade	06	25 ⁷³	10 ⁵⁰ grade	150 shaft	£	£ shaft	10 ⁵⁰ shaft	10 ⁵⁰ grade	25 ⁷⁵	06	06 grade	Rough
4499 ⁷⁰ ^{Wly} ^{flowers}		54 ⁰⁶	Meet	53 ⁹⁸	54 ²⁸		54 ³³		4 ⁵⁹ Fo ¹⁹	54 ²⁸	53 ⁷⁸	Meet	54 ²²	
4489 ²⁰ ^{30nd} ^{cc}	6 ⁷⁴	53 ⁸⁵	FO ²⁰	53 ⁸¹	54 ¹¹	4 ⁰² Fo ⁰⁹	54 ¹⁶	5 ²⁹ Fo ³⁷	3 ⁹² Fo ¹⁹	54 ¹¹	53 ⁸¹	4 ⁰² Fo ¹⁸	53 ⁸⁴	3 ⁶⁸ Fo ⁰⁸

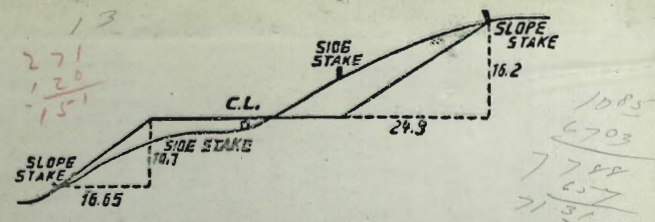
449920

448920



75.75
16
74.59

14



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

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

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