

1303

ROSE CANYON.

1887

LEVEL BOOK

No. 1303

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Faint, illegible text, possibly bleed-through from the reverse side of the page.

Table with 5 columns and 18 rows, featuring horizontal blue lines and vertical red margin lines.

Dec 19-20
L. S. Hall
Morgan

X Sec Rose Canyon Road.

Cont From Book 1289

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10396

121+00⁰⁰

53R	ROW		6.4	97.6
50R			5.3	98.7
23R			3.7	100.3
±			1.8	102.2
23L			+0.3	104.3
50L			+3.5	107.5
70L			+5.2	109.2
T.P.	8.07	105.12	6.91	97.05

122+00⁰⁰

70L			+2.3	107.4
50L			+0.7	105.8
23L			1.8	103.3
±			4.2	100.9
23R			6.2	98.9
49R			7.7	97.4
50R			8.2	96.9
53R	ROW		9.0	96.1

123+00⁰⁰

52R	ROW		11.4	93.7
50R			10.7	94.4
23			8.7	96.4
±			7.0	98.1
23L			5.3	99.8
50L			2.4	102.7
70L			0.4	104.7

123 + 70⁰⁰ 105.12

70L	1.6	103.5
50L	3.9	101.2
23L	6.7	98.4
±	8.6	96.5
23R	10.7	94.4
48R	12.7	92.4
50R R.O.W.	13.3	91.8

124 + 50⁰⁰

51R Row	18.2	86.9
50R	18.2	86.9
48R	17.0	88.1
23R	16.6	88.5
±	14.7	90.4
23L	10.9	94.2
50L	7.0	98.1
70L	4.5	100.6

125 + 00⁰⁰

70L	5.9	99.2
50L	8.2	96.9
23L	12.3	92.8
±	16.2	88.9
23R	17.0	88.1
48R	18.0	87.1
50R	18.4	86.7
51R R.O.W.	18.7	86.4

125 + 50⁰⁰ 105.12

51R Row	18.9	86.2
50R	18.9	86.2
47R	17.6	87.5
23R	17.8	87.3
±	16.6	88.5
23L	11.9	93.2
50L	8.4	96.7
70L	6.2	98.9

126 + 00⁰⁰

70L	5.6	99.5
50L	7.5	97.6
23L	10.0	95.1
±	14.8	90.3
15R	17.0	88.1
23R	17.3	87.8
47R	17.0	88.1
50R	17.9	87.2
51R R.O.W.	17.9	87.2

126 + 70⁰⁰ 105.12

52R Row	17.3	87.8
50R	17.3	87.8
48R	16.4	88.7
23R	15.3	89.8
⊕	11.6	93.5
23L	7.7	97.4
50L	6.0	99.1
70L	4.6	100.5

127 + 25⁰⁰

70L	4.2	100.9
50L	5.3	99.8
23L	6.6	98.5
15L	7.2	97.9
⊕	9.4	95.7
23R	10.7	94.4
47R	13.4	91.7
50R	14.2	90.9
51R Row	14.5	90.6

127 + 50⁰⁰ 105.12

51R Row	13.0	92.1
50R	12.6	92.5
23R	11.8	93.3
⊕	8.6	96.5
23L	7.6	97.5
50L	6.9	98.2
70L	6.5	98.6

128 + 00⁰⁰

70L	3.5	101.6		
50L	4.8	100.3		
23L	6.0	99.1		
⊕	7.5	97.6		
23R	9.0	96.1		
48R	11.0	94.1		
50R	11.3	93.8		
51R Row	11.6	93.5		
BM # 91283	106.79	11.12	94.00	93.96

10679
 128+60⁴⁹ B.C. A L

50R Row	12.7	94.1
48R	11.0	95.8
18R	9.6	97.2
⊕	8.3	98.5
23L	6.8	100.0
50L	5.3	101.5
70L	4.0	102.8

129+10⁵⁰

70L	3.3	103.5
50L	4.7	102.1
23L	5.9	100.9
⊕	7.4	99.4
23R	8.8	98.0
50R	10.4	96.4
52R Row	10.8	96.0

129+60⁵¹

54R Row	10.4	96.4
50R	9.7	97.1
23R	8.4	98.4
⊕	6.9	99.9
23L	5.4	100.4
50L	3.9	102.9
70L	2.6	104.2

10679
 130+10⁵²

70L	2.1	104.7
50L	3.6	103.2
23L	4.7	101.9
⊕	6.1	100.7
23R	7.4	99.4
49R	8.3	98.5
50R	8.7	98.1
53R Row	9.1	97.7

130+60⁵³

52R Row	7.9	99.9
50R	7.4	99.2
48R	6.9	99.9
23R	5.9	100.9
⊕	5.0	101.8
23L	3.8	103.0
50L	2.0	104.8
70L	0.9	106.9

131+10⁵⁴

70L	10.4	107.2
50L	0.7	106.1
23L	2.5	104.3
⊕	3.3	103.5
23R	4.4	102.4
47R	5.1	101.7
50R	5.9	100.9
51R Row	6.2	100.6

131+60⁵⁵ 106.79

51R Row	4.2	102.6
50R	3.9	102.9
47R	3.0	103.8
23R	2.8	104.0
⊕	1.9	104.9
23L	0.9	105.9
50L	+1.3	108.1
70L	+2.3	109.1
132+10 ⁵⁹		
70L	+3.8	110.6
50L	+2.1	108.9
23L	+0.8	107.6
⊕	0.9	105.9
23R	2.0	104.9
47R	1.9	104.9
47 ^S R Row	2.3	104.5
TP 12.43	118.08	1.14 105.65

132+60⁵² 118.08

50R Row	13.3	104.8
47R	12.2	105.9
43R	12.0	106.1
⊕	10.8	107.3
23L	8.3	109.8
50L	6.9	111.2
70L	6.0	112.1
133+02 ⁰⁶ F.C.		
70L	4.3	113.8
50L	5.9	112.2
23L	6.9	111.2
⊕	9.1	109.0
23R	11.2	106.9
48R	11.3	106.8
50R	11.6	106.5
51R Row	12.0	106.1
134+00 ⁰⁰		
52R Row	10.4	107.7
50R	10.0	108.1
48R	9.4	109.7
23R	8.3	109.9
⊕	6.4	111.7
23L	4.6	113.5
50L	2.4	115.7
70L	0.9	117.2

135400 ⁰⁰	118.08		
70L	+2.0	120.1	
50L	0.0	118.1	
23L	2.3	115.8	
⊕	4.7	113.4	
23R	6.7	111.4	
48R	7.9	110.2	
50R	8.6	109.5	
52R Row	9.5	108.6	

135+50 ⁰⁰			
53R Row	10.3	107.8	
50R	9.5	108.6	
48R	8.7	109.4	
23R	7.5	110.6	
⊕	4.6	113.5	
23L	1.5	116.6	
50L	+1.7	119.8	
70L	+3.8	121.9	

136+00 ⁰⁰			
70L	+2.8	120.9	
50L	+0.6	118.7	
23L	2.9	115.2	
⊕	6.0	112.1	
23R	8.6	109.5	
49R	10.0	108.1	
50R	10.4	107.7	
52R Row	11.3	106.8	

137+00 ⁰⁰	116.08		
52R Row	12.0	106.1	
50R	11.3	106.8	
48R	10.8	107.3	
23R	9.7	108.4	
⊕	6.9	111.2	
23L	4.5	113.6	
50L	1.3	116.8	
70L	+0.5	118.6	

138+00 ⁰⁰			
70L	4.2	113.9	
50L	5.6	112.5	
23L	7.8	110.3	
⊕	9.6	108.5	
23R	12.0	106.1	
47R	12.4	105.7	
50R	13.6	104.5	
52R Row	14.5	103.6	

139+00 ⁰⁰			
52R Row	15.5	102.6	
50R	15.3	102.8	
48R	14.4	103.7	
23R	14.4	103.7	
⊕	13.5	104.6	
23L	11.7	106.4	
50L	10.3	107.8	
70L	10.5	107.6	

	118.08		
TP 8.17	113.65	12.60	105.48
140+00 ⁰⁰			
70L		7.1	106.6
50L		7.8	105.9
23L		8.7	105.0
⊕		9.5	104.2
23R		10.1	103.6
45R		11.3	102.4
50R		13.2	100.5
52R ROW		13.2	100.5
141+00 ⁰⁰			
52R ROW		10.9	102.8
50R		11.0	102.7
23R		10.9	102.8
⊕		10.4	103.3
23L		9.8	103.9
50L		8.8	104.9
70L		8.3	105.4
142+00 ⁰⁰			
70L		5.9	107.8
50L		6.7	106.8
23L		8.3	105.4
⊕		8.8	104.9
23R		9.2	103.5
50R		9.6	103.5
51R ROW		9.2	103.5

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143+00 ⁰⁰	113.65		
52R ROW		6.9	106.8
50R		6.9	106.8
23R		7.0	106.7
⊕		6.4	107.3
23L		5.2	108.5
50L		3.6	110.1
70L		3.0	110.7
144+00 ⁰⁰			
70L		+1.3	115.5
50L		+1.0	114.7
23L		0.7	113.0
⊕		2.0	111.7
23R		3.2	110.5
50R		3.6	110.1
52R ROW		3.8	109.9
BM#10 11.40	121.20	3.88	107.77
			109.80
145+00 ⁰⁰			
52R ROW		8.4	112.8
50R		8.4	112.8
23R		7.2	114.0
⊕		5.9	115.3
23L		4.0	117.2
50L		2.2	119.0
70L		1.0	120.2

145+50⁰⁰ 121.20

70L	+0.8	122.0
50L	0.4	120.8
23L	2.4	118.8
⊕	4.6	116.6
23R	6.3	114.9
50R	7.6	113.6
52R ROW	7.6	113.6

146+00⁰⁰

53R ROW	8.3	112.9
50R	7.7	113.5
23R	5.7	115.5
⊕	3.8	117.4
23L	1.9	119.3
50L	+0.3	121.5
70L	+2.1	123.3

146+66⁰⁰ BC L R

70L	+2.1	123.3
50L	0.0	121.2
23L	2.7	118.5
⊕	5.2	116.0
23R	7.5	113.7
50R	8.0	113.2
53R	8.3	112.9

147+16⁶¹ 121.20

53R ROW	6.7	114.5
50R	6.6	114.6
43R	5.3	115.9
⊕	3.4	117.8
23L	1.8	119.4
50L	+0.1	121.3
70L	+1.6	122.8

147+66⁶³

70L	+1.0	122.2
50L	0.6	120.6
23L	2.6	118.6
⊕	4.0	116.2
23R	5.8	115.4
50R	7.0	114.2
53R ROW	7.9	113.3

148+16⁶⁴

54R ROW	7.5	113.7
50R	6.8	114.4
23R	5.6	115.6
⊕	3.5	117.7
23L	2.1	119.1
50L	0.0	121.2
70L	+1.4	122.6
T.P.	13.07	133.84
	0.43	120.77

148 + 66⁶⁶ 133.84

70L	8.1	125.7
50L	10.0	123.8
23L	12.1	121.7
⊕	13.8	120.0
23R	15.6	118.2
50R	18.0	115.8
55R ROW	18.6	115.2

49 + 66⁶²

55R ROW	15.6	118.2
50R	15.0	118.8
23R	13.1	120.7
⊕	10.7	123.1
23L	8.1	125.7
50L	5.4	128.4
70L	3.1	130.7

149 + 66⁶⁸

70L	+1.4	135.2
50L	1.6	132.2
23L	4.9	128.9
⊕	8.4	125.4
23R	11.2	122.6
50R	13.3	120.5
55R ROW	13.7	119.9

150 + 66⁷⁰ 133.84

55R ROW	14.0	119.8
50R	13.0	120.8
23R	10.6	123.2
⊕	7.2	126.6
23L	3.7	130.1
50L	+0.1	133.9
70L	+3.5	137.3

150 + 66⁷²

70L	+3.5	137.3
50L	+1.0	134.8
23L	4.1	129.7
⊕	7.7	126.1
23R	11.1	122.7
50R	13.5	120.3
55R ROW	13.8	120.0

151 + 66⁷³

55R ROW	14.9	118.9
50R	14.7	119.1
23R	12.1	121.7
⊕	9.1	124.7
23L	5.9	127.9
50L	1.7	132.1
70L	+1.5	135.3

118

151 + 66²⁵ 133.84

70L	2.4	131.4
50L	5.1	128.7
23L	8.9	124.9
♀	11.4	122.4
23R	14.5	119.3
50R	16.3	117.5
56R ROW	16.7	117.1

T.P. 4.83 125.78 12.89 120.95

152 + 66²⁶

56R ROW	10.7	115.1
50R	10.3	115.5
23R	8.6	117.2
♀	6.5	119.3
23L	9.1	121.7
50L	1.4	124.4
70L	70.5	126.3

152 + 66²⁸

70L	3.0	122.8
50L	5.2	120.6
23L	7.5	118.3
♀	9.3	116.5
23R	11.1	114.7
50R	12.4	113.4
56R ROW	12.7	113.1

153 + 66²⁹ 125.78

65R ROW	14.0	111.8
50R	13.5	112.3
23R	12.5	113.3
♀	11.0	114.8
23L	9.3	116.5
50L	6.7	119.1
70L	4.0	121.8

153 + 66³¹

70L	4.7	121.1
50L	7.9	117.9
23L	11.1	114.7
♀	13.0	112.8
23R	14.3	111.5
50R	14.6	111.2
70R	15.6	110.2

154 + 66³⁴

70R	16.6	109.2
50R	15.2	110.6
23R	14.7	111.1
♀	14.1	111.7
8L	15.0	110.8
23L	15.0	110.8
50L	13.5	112.3
60L	13.5	112.3
70L	11.0	114.8

154+37 ⁰⁰		125.78	
70L	13.0	112.8	
64L	13.8	112.0	
56L	17.9	107.9	
50L	19.7	106.1	
40L	23.6	102.2	
23L	24.0	101.8	
Φ	24.6	101.2	
23R	21.9	103.9	
50R	19.2	106.6	
70R	18.2	107.6	
154+66 ⁸⁵			
70R	23.6	102.2	
50R	25.4	100.4	
23R	23.7	102.1	
Φ	18.7	107.1	
23L	18.4	107.4	
40L	19.2	106.6	
50L	22.8	103.0	
70L	23.4	102.4	

154+87 ⁰⁰		125.78	
70L	15.6	110.2	
50L	15.0	110.8	
23L	15.0	110.8	
Φ	15.2	110.6	
23R	15.6	110.2	
50R	17.0	108.8	
70R	19.0	106.8	
155+16 ⁸⁵			
70R	18.8	107.0	
50R	16.3	109.5	
23R	15.3	110.5	
Φ	14.4	111.4	
23L	14.3	111.5	
50L	14.2	111.6	
70L	14.3	111.5	
T.P	2.66	115.95	12.49
155+66 ⁸⁷			
70L	4.0	112.0	
50L	4.0	112.0	
23L	4.6	111.2	
Φ	4.9	111.1	
23R	5.5	110.5	
50R	6.6	109.4	
70R	8.2	107.9	

156+16⁸⁶

115.95

70R	7.1	108.9
50R	5.8	110.2
23R	5.4	110.6
+	5.3	110.7
23L	4.4	111.6
50L	4.5	111.5
70L	4.4	111.6

156+73⁷⁸ EC

70L	4.5	111.5
50L	4.5	111.5
23L	4.4	111.6
+	4.9	111.1
23R	5.1	110.9
50R	4.1	111.9
70R	4.4	111.6

157+100⁰⁰

70R	2.8	113.2
50R	3.4	112.6
35R	3.5	112.5
28R	0.7	115.3
23R	0.9	115.1
4R	1.3	114.7
+	4.1	111.9
23L	4.5	111.5
50L	3.3	112.7
70L	3.3	112.7

115.95

T.P. 4.74 120.57 0.12 115.83

157+50⁰⁰

70R	6.5	114.1
57R	7.1	113.5
50R	5.6	115.0
23R	5.0	115.6
+	5.0	115.6
23L	5.5	115.1
50L	7.5	113.1
70L	7.5	113.1

158+140⁰⁰ + crosses + spur

70L	7.5	113.1
50L	7.1	113.5
23L	6.6	114.0
2L n rail	5.53	115.04
+	6.0	114.6
5R s rail	5.28	115.29
23R	6.1	114.5
30R	4.9	115.7
40R	5.6	115.0
44R	7.2	113.4
50R	6.4	116.2
70R	6.1	114.5

158+50		140.57		
	70R	6.3	114.3	
	50R	7.5	113.1	
SAIL	33R S rail (top)	4.36	116.21	
	27R N rail ✓	4.62	115.95	
	23R	5.9	114.7	
	9R	4.9	115.7	
	⊕	5.2	115.4	
	14L	5.0	115.6	
	23L	6.0	114.6	
	50L	6.1	114.5	
	70L	7.2	113.4	
159+00 ⁰⁰				
	70L	6.6	114.0	
	50L	6.4	114.2	
	23L	6.5	114.1	
	⊕	6.4	114.2	
	10R	5.3	115.3	
	23R	5.0	115.6	
	45R	5.0	115.6	
	50R	4.1	116.8	
SAIL	51R N rail	3.50	117.07	
	57R S rail	3.25	117.32	
	70R	7.3	113.3	
	T.P.	2.46	122.35	0.68 119.89

159+50 ⁰⁰		122.35		
	70R	4.4	118.0	
	68R	4.6	117.8	
	65R	5.8	116.6	
	53R	6.2	116.2	
	50R	5.2	117.2	
	29R	5.4	117.0	
	26R	5.4	117.0	
	23R	7.3	115.1	
	⊕	7.9	114.5	
	23L	7.8	114.6	
	50L	8.0	114.4	
	70L	8.0	114.4	
160+50 ⁰⁰				
	70L	6.4	116.0	
	50L	6.4	116.0	
	23L	6.4	116.0	
	⊕	6.5	115.9	
	23R	6.6	115.8	
	50R	6.1	116.3	
	70R	6.2	116.2	
		6.8	115.6	

161+00⁰⁰ 122.35

70R	5.5	116.9
65R	6.5	115.9
50R	5.2	117.2
23R	5.7	116.7
4	5.6	116.8
23L	5.9	116.5
50L	5.7	116.7
70L	7.5	114.9

161+20⁰⁰

80L	14.0	108.4
60L	13.8	108.6
50L	9.0	113.4
30L	5.8	116.6
23L	4.8	117.6
4	5.5	116.9
23R	5.7	116.7
50R	5.2	117.2
67R	6.0	116.4
70R	5.4	117.0

161+50⁰⁰ 122.35

70R	4.9	117.6
50R	4.8	117.6
23R	5.5	116.9
4	5.8	116.6
7L	5.6	116.8
23L	9.7	112.7
50L	13.5	108.9
70L	13.5	108.9

161+70⁰⁰

70L	7.4	115.0
50L	8.7	113.7
45L	9.9	112.5
33L	13.4	109.0
23L	13.1	109.8
4	13.3	109.1
5R	9.7	112.7
15R	5.9	116.5
23R	5.6	116.8
50R	5.6	116.8
67R	5.8	116.6
70R	4.9	117.5

162+00⁰⁰ 122.35

70R	7.1	115.5
50R	6.7	115.7
36R	13.2	109.2
23R	13.3	109.1
⊕	12.3	110.1
23L	10.7	111.7
24L	7.9	114.5
50L	4.9	117.5
70L	3.8	118.6

162+50⁰⁰

70L	+0.3	122.7
50L	1.2	121.2
23L	2.8	119.9
⊕	4.2	118.2
15R	5.5	116.9
23R	6.9	115.5
31R	9.0	113.4
41R	10.2	112.2
42R	12.4	110.0
50R	12.5	109.9
55R	12.4	110.0
63R	8.7	113.7
70R	8.9	113.5

163+00⁰⁰ 122.35

70R	7.9	114.5
64R	7.7	114.7
60R	9.7	114.7
56R	10.0	112.4
55R	7.7	114.7
50R	7.2	115.2
43R	2.5	119.9
23R	1.1	121.3
⊕	+0.2	122.6

T.P.	11.46	133.08	0.73	121.67
23L			9.2	123.9
50L			7.0	126.1
70L			5.6	127.5

163+50⁰⁰

70L	1.5	131.6
50L	3.0	130.1
23L	5.4	127.7
⊕	7.9	125.2
33R	9.2	123.9
70R	11.2	121.9
50R	15.1	118.0
70R	16.3	116.8

164+21¹⁸ B.C. L
133.08

56R	ROW.	8.3	124.8	
54R		9.2	123.9	
50R		10.1	123.0	
37R		7.6	125.5	
30R		10.9	122.2	
25R		6.5	126.6	
23R		5.9	127.2	
⊕		3.7	129.4	
23L		1.8	131.3	
50L		+2.0	135.1	
70L		+3.8	136.9	
T.P	12.04	144.28	0.94	132.24
164+71 ¹⁹				
70L		5.2	139.1	
58L		6.3	138.0	
57L		8.3	136.0	
50L		9.0	135.3	
23L		10.4	133.9	
⊕		12.3	132.0	
23R		14.7	129.6	
37R		16.3	128.0	
38R		16.8	127.5	
49R	ROW.	17.2	127.1	

165+21²⁰ 144.28

53R	ROW	16.0	128.3
50R		15.7	128.6
38R		15.3	129.0
23R		14.0	130.3
⊕		11.9	132.4
23L		6.7	135.6
50L		5.0	139.3
70L		2.3	142.0

165+71²¹

70L		+3.6	147.9
50L		0.9	143.4
23L		6.0	138.3
⊕		10.4	133.9
23R		13.7	131.6
50R		15.8	128.5
58R	ROW	15.8	128.5

166+21²²

53R	ROW	14.7	129.6
50R		13.9	130.4
23R		9.0	135.3
⊕		4.5	139.9
23L		+1.8	146.1
50L		+8.1	153.2
70L		+13.8	158.1

166+71²³

149.28

23.0
18.6

70L	+18.6	162.9	
50L	+15.7	160.0	
23L	+10.0	154.3	
⊕	+4.2	148.5	
23R	1.5	142.8	
50R	6.7	137.6	
60R	9.3	135.0	
61R	10.3	134.0	
70R	10.2	134.1	
T.P. 11.16	155.29	0.15	149.13
167+21 ²⁴			
70R	18.0	137.3	
50R	13.0	142.3	
23R	8.5	146.8	
⊕	3.1	152.2	
23L	+2.2	157.5	
50L	+5.6	160.9	
67L	+6.0	161.3	
70L	+5.0	160.3	

167+71²⁵

155.29

70L	+4.8	160.1	
62L	+2.8	157.1	
50L	+0.1	155.4	
35L	0.4	154.9	
23L	+0.6	155.9	
⊕	3.6	151.7	
23R	7.5	147.8	
50R	12.2	143.1	
70R	17.0	138.3	
168+21 ²⁶			X
70R	16.6	138.7	
50R	13.3	142.0	
23R	8.0	147.3	
⊕	5.6	149.7	
23L	3.8	151.5	
28L	3.5	151.8	
40L	+1.7	157.0	
50L	+5.6	161.9	
70L	+7.0	162.3	

17

168 + 71 ²²	155.29		
70L	+7.0	162.3	
50L	+3.0	158.3	
23L	2.7	152.6	
Φ	7.2	148.1	
11R	10.0	145.3	
23R	11.6	143.7	
50R	14.2	141.1	
70R	18.2	136.1	
T.P. 140	152.76	3.93	151.36

169 + 21 ²⁸			
70R	17.9	134.9	
50R	14.7	138.1	
23R	10.2	142.6	
Φ	6.8	146.0	
23L	1.9	150.9	
50L	+5.0	157.8	
70L	+9.9	162.7	

169 + 71 ²⁹			
70L	+9.6	162.4	
50L	+4.0	156.8	
23L	3.7	149.1	
Φ	9.5	143.3	
23R	13.6	139.2	
50R	18.1	134.7	
70R	20.2	132.6	

170 + 21 ³⁰	152.76		
70R	20.9	152.4	
50R	19.2	133.6	
23R	13.1	134.7	
Φ	14.9	138.4	
23L	9.1	143.7	
50L	1.8	151.0	
70L	+4.8	157.6	

170 + 71 ³¹			
70L	2.9	149.9	
T.P. 507	147.36	10.47	142.39
50L	2.7	144.7	
23L	7.6	139.8	
Φ	9.7	137.7	
23R	11.2	136.2	
50R	13.4	134.0	
70R	14.5	132.9	

171 + 21 ³²			
70R	14.8	132.6	
50R	13.7	133.7	
23R	12.1	135.3	
Φ	9.3	138.1	
23L	6.6	140.8	
34L	4.9	132.5	
50L	3.8	133.6	
68L	2.6	134.8	
70L	1.6	135.8	

171+71³³

147.36

22

0.7

70L	+0.8	148.2
50L	1.9	145.5
23L	6.5	140.9
±	9.7	137.7
23R	12.6	134.8
50R	14.8	132.6
67R	16.2	131.2
70R	19.0	128.4
78R	20.0	127.4
86R	16.6	130.8
172+21 ³⁴		
70R	15.3	132.1
53R	16.7	130.7
50R	19.2	128.2
44R	19.0	128.4
42R	15.5	131.9
23R	19.2	133.2
±	12.0	135.4
23L	8.6	138.8
50L	9.7	142.7
70L	0.5	146.9

172+57⁶³147.36
E.C.

19

70L	+0.5	147.9
57L	2.2	145.2
50L	5.7	141.7
23L	11.1	136.3
12L	13.3	134.1
±	14.0	133.4
23R	14.0	133.4
31R	14.6	132.8
33R	18.4	129.0
39R	18.8	128.6
43R	17.3	130.1
50R	16.6	130.8
56R	15.2	132.2
70R	14.6	132.8
173+00 ⁰⁰		
70R	13.9	133.5
55R	15.0	132.4
50R	16.0	131.4
41R	16.4	131.0
40R	18.2	129.2
30R	18.1	129.3
21R	14.3	133.1
23R	13.8	135.6
±	13.5	135.9
23L	13.3	134.1

173+00⁰⁰ 147.36

42L	12.4	135.0
50L	8.4	139.0
70L	0.0	147.4

173+50⁰⁰

70L	5.2	142.2
50L	10.5	136.9
43L	12.1	135.3
4	12.9	134.5
23R	13.5	133.9
35R	14.6	132.8
36R	17.2	130.2
40R	17.2	130.2
47R	15.8	131.6
50R	15.6	131.8
58R	14.5	132.9
70R	13.5	133.9

174+00⁰⁰

70R	13.6	133.8
54R	15.4	132.0
51R	16.9	130.5
50R	16.9	130.5
48R	16.9	130.5
40R	14.2	133.2
23R	13.4	134.0
4	12.9	134.5

174+00⁰⁰ 147.36

15L	12.0	135.4
23L	10.3	137.1
50L	6.4	141.0
70L	2.2	145.2

174+50⁰⁰

70L	0.5	146.9
50L	3.9	143.5
23L	7.3	140.1
9L	9.7	137.7
4	10.3	137.1
23R	12.0	135.4
50R	13.3	134.1
54R	13.9	133.5
56R	16.1	131.3
62R	16.3	131.1
66R	15.0	132.4
70R	14.4	133.0

175+00⁰⁰

80R	19.0	133.4
71R	15.4	132.0
65R	15.1	132.3
61R	12.8	134.6
50R	12.1	135.3
23R	10.1	137.3
4	9.2	138.2

175+00⁰⁰ 147.36

23L	5.6	141.8
26L	5.0	142.4
T.P. 12.90	151.20	8.86 138.50
50L	0.0	151.20
70L	+5.4	156.6

175+50⁰⁰

70L	+14.1	165.3
50L	+7.3	158.5
33L	0.8	150.4
±	7.1	144.1
23R	11.0	140.2
50R	13.7	137.5
70R	15.0	136.2
80R	16.2	135.0

176+00⁰⁰

80R	12.9	138.3
50R	9.8	141.4
23R	6.0	145.2
10R	2.6	148.6
±	1.2	150.0
23L	+4.6	155.8
50L	+11.9	162.1
70L	+17.4	168.6

176+15⁰⁰ 151.20

70L	+19.0	170.2
50L	+13.0	164.2
23L	+6.0	157.2
±	+0.5	151.7
23R	3.7	147.5
32R	6.3	144.9
50R	7.6	143.6
55R	8.0	143.2
76R	6.9	144.3
90R	7.2	144.0
BM #13	11.72	139.48 139.43

176+57⁰⁰ 151.15 (corrected)

80R	11.7	139.5
50R	4.1	147.1
45R	2.4	148.8
23R	0.2	151.0
T.P. 12.63	163.12	0.66 150.49
5R	10.8	152.3
±	9.4	153.7
3L	7.5	155.6
23L	2.2	160.9
50L	+3.6	166.7
70L	+9.3	172.4

177+00⁰⁰

163.12

70L	+10.0	173.1
50L	+4.6	167.7
38L	+1.5	164.6
31L	2.2	160.9
23L	3.2	159.9
♀	6.4	156.7
23R	12.4	150.7
50R	17.6	145.5
75R	23.6	139.5
90R	25.0	138.2

177+40⁰⁰

90R	24.4	138.7
72R	23.5	139.6
50R	18.4	144.7
23R	13.2	149.9
♀	8.3	154.8
23L	1.9	161.2
37L	+3.4	166.5
50L	+5.0	168.1
62L	+6.7	169.8
70L	+10.5	173.6

178+00⁰⁰

163.12

70L	+13.5	176.6
68L	+13.2	176.3
62L	+9.0	172.1
50L	+5.8	168.9
23L	3.0	160.1
♀	9.2	153.9
23R	16.6	146.5
50R	21.0	142.1
60R	22.9	140.2
74R	23.0	140.1
83R	23.0	140.1

178+55⁰⁰

85R	22.0	141.1
60R	22.3	140.8
50R	22.0	141.1
23R	18.3	144.8
TP	7.91	158.75
♀	6.2	152.6
23L	+0.3	159.1
50L	+10.0	168.8
70L	+16.0	174.8

22

179+00⁰⁰

158.75

70L	+15.2	174.0
50L	+8.9	167.7
23L	0.7	158.1
⊕	9.7	149.1
23R	15.2	143.6
50R	17.0	141.8
80R	17.2	141.6

179+50⁰⁰

80R	16.3	142.5
50R	16.0	142.8
23R	14.4	144.4
⊕	10.4	148.4
23L	2.1	156.7
50L	+7.3	165.1
70L	+13.8	172.6

180+00⁰⁰

70L	+13.6	172.4
50L	+7.0	165.8
23L	1.2	157.6
⊕	8.8	150.0
23R	13.5	145.3
50R	15.4	143.4
80R	15.0	143.8

180+60⁰⁰

158.75

80R		14.7	144.1	
50R		13.9	144.9	
23R		9.0	149.8	
T.P.	9.94	163.26	5.43	153.32
⊕		7.8	155.5	
23L		2.4	160.9	
50L		+5.7	169.0	
70L		+10.1	173.4	

181+00⁰⁰

70L	+10.0	173.3
50	+3.4	166.7
23L	3.6	159.7
⊕	8.2	155.1
23R	12.9	150.4
50R	17.1	145.2
80R	18.9	144.4

181+50⁰⁰

80R	18.3	145.0
65R	17.8	145.5
50R	15.7	147.6
23R	11.2	152.1
⊕	6.0	157.3
23L	0.0	163.3
50L	+8.6	171.9
70L	+14.2	177.5

B.C.

182	+29 ²⁷	163.26		
70L		+18.0	181.3	
50L		+12.0	175.3	
43L		+4.0	167.3	
♀		1.5	161.8	
23R		6.5	156.8	
30R		8.3	155.0	
50R		12.0	151.3	
80R		17.0	146.3	
T.P.	2.70	X 151.26 164.51	14.5	161.81
182	+69 ⁰⁰			
80R		17.8	146.7	
60R		16.9	147.6	
50R		15.8	148.7	
23R		8.1	156.4	
♀		1.5	163.0	
23L		+5.2	169.7	
50L		+11.9	176.4	
70L		+17.4	181.9	
183	+16 ⁹²	C.L.		
70L		+18.7	183.2	
50L		+12.8	177.3	
23L		+4.3	168.8	
♀		4.6	159.9	
23R		11.6	152.9	
70R		15.7	148.8	

183	+16 ⁹²	164.51		
50R		15.8	148.7	
80R		16.5	148.0	
183	+82 ⁰⁰			
80R		19.2	145.3	
68R		15.9	148.6	
50R		15.0	149.5	
34R		13.3	151.2	
23R		11.5	153.0	
♀		5.9	158.6	
23L		+0.8	165.3	
50L		+6.0	170.5	
70L		+13.0	179.5	
184	+04 ⁶²	E.C.		
70L		+17.0	181.5	
50L		+11.3	175.8	
23L		+3.6	168.1	
♀		3.6	160.9	
23R		10.5	154.0	
33R		13.0	151.5	
50R		14.8	149.7	
75R		15.5	149.0	
80R		17.3	146.7	

260
113

184+50⁰⁰

164.51

80R	16.0	148.5
50R	13.9	150.6
23R	8.9	155.6
⊖	2.6	161.9
23L	+4.6	169.1
50L	+13.8	178.3
70L	+18.4	182.9

185+10⁰⁰

70L	+17.9	182.4	
50L	+12.0	176.5	
23L	+6.6	171.1	
⊖	+1.7	166.2	
23R	3.6	160.9	
50R	9.0	155.5	
68R	12.0	152.5	
80R	12.0	152.5	
TP. 11.68	172.79	3.40	161.11

185+50⁰⁰

80R	18.8	154.0
50R	17.0	155.8
23R	14.2	158.6
⊖	11.1	161.7
23L	6.0	166.8
50L	+0.8	173.6
70L	+6.4	179.2

186+00⁰⁰

172.79

70L	+9.0	181.5
50L	+3.9	176.7
23L	3.8	169.0
⊖	10.3	162.5
23R	11.5	161.3
50R	12.7	160.1
80R	14.3	158.5

186+50⁰⁰

70R	10.6	162.2
50R	9.9	162.9
23R	7.2	165.6
23L	0.5	172.3
50L	+5.7	178.5
70L	+10.0	182.8

187+00⁰⁰

70L	+10.3	185.1
50L	+5.4	178.2
23L	0.0	172.8
⊖	2.0	170.8
23R	3.9	168.9
50R	5.2	167.6
64R	6.7	166.1
	8.4	164.4

187+50 ⁰⁰		172.79		
80R		5.3	167.5	
69R		5.1	167.7	
52R		11.0	161.8	
50R		11.0	161.8	
38R		9.7	163.1	
TP	11.11	183.42	0.48	172.31
23R		15.0	168.4	
15R		9.5	173.9	
±		8.7	174.7	
23L		5.9	177.5	
50L		3.3	180.1	
70L		+0.5	183.9	
187+68 ⁰⁰				
70L		+0.8	184.2	
50L		2.1	181.3	
23L		4.8	178.6	
±		6.5	176.9	
7R		7.3	181.1	
19R		17.0	166.4	
23R		15.6	167.8	
34R		9.9	173.5	
50R		10.9	172.5	
80R		14.3	169.1	

187+93 ⁰⁰		183.42		
80R		13.4	170.0	
50R		9.2	174.2	
23R		5.9	177.5	
11R		4.9	178.5	
±		12.9	170.5	
20L		12.3	171.1	
23L		2.4	181.0	
50L		+0.5	183.9	
70L		+2.7	186.1	
188+10 ²⁸				
70L		+4.0	187.4	
50L		+2.6	186.0	
30L		0.0	183.42	
23L		6.5	176.9	
14L		11.3	172.1	
7L		3.4	180.0	
±		2.6	180.8	
23R		5.3	178.1	
50R		8.7	174.7	
70R		11.5	171.9	

188 + 25 ⁰⁰		18342	
70R	11.6	171.8	
50R	8.4	175.0	
23R	4.9	178.5	
⊕	2.2	181.2	
10L	0.9	182.5	
18L	10.1	173.3	
23L	9.7	173.7	
50L	6.0	177.4	
70L	3.2	180.2	
188 + 37 ⁰⁰			
65L	+6.0	189.4	
50L	+3.1	186.5	
23L	+0.8	184.2	
⊕	2.1	181.3	
23R	4.8	178.6	
50R	8.4	175.0	
70R	11.8	171.6	
188 + 67 ⁰⁰			
70R	12.0	171.4	
50R	9.4	174.0	
23R	5.6	177.8	
⊕	1.8	181.6	
23L	+2.0	185.4	
48L	+5.7	189.1	
50L	+6.8	190.2	
56L	+10.5	193.9	

188 + 67 ⁰⁰		18342	
70L	✓	+10.8	194.2
T.P.	12.97	194.46	1.93
189 + 00 ⁰⁰			
70L		+2.4	196.9
65L		0.0	194.46
50L		+0.5	194.5
40L		+0.4	194.9
31L		4.2	190.3
23L		5.4	189.1
⊕		9.0	185.5
23R		14.6	179.9
50R		20.4	174.1
75R		24.8	169.7
189 + 50 ⁰⁰			
80R		26.2	168.3
50R		17.8	176.7
23R		11.6	182.9
⊕		6.2	188.3
18L		2.5	192.0
23L		+1.0	195.5
25L		+0.6	195.1
46L		0.0	194.46
50L		+2.0	5.65
65L		+9.0	203.5
70L		+10.2	204.7

190+00 ⁰⁰		194.46
70L	+11.2	205.7
56L	+7.3	201.8
50L	+9.4	198.9
41L	+0.2	194.7
23L	+0.6	195.1
18L	+0.6	195.1
12L	2.6	191.9
Φ	4.9	189.6
23R	10.8	183.7
50R	18.5	176.0
65R	23.0	171.5
80R	22.8	169.7
190+50 ⁰⁰		
80R	22.0	172.5
60R	19.8	174.7
50R	17.5	177.0
23R	9.4	185.1
Φ	4.2	190.3
7L	2.3	192.2
12L	+0.4	194.9
23L	+0.8	195.3
35L	+0.6	195.1
44L	+5.3	199.8
50L	+6.8	201.3
70L	+11.5	206.0

191+00 ⁰⁰		194.46
70L	+15.2	209.7
50L	+10.0	204.5
36L	+7.0	201.5
28L	+1.0	195.5
23L	+0.9	195.4
6L	+1.1	195.6
Φ	1.6	192.9
23R	7.6	186.9
50R	14.7	179.8
80R	17.1	177.4
191+50 ⁰⁰		
80R	12.7	181.8
65R	10.9	183.6
55R	12.3	182.2
50R	12.3	182.2
44R	9.8	184.7
23R	5.6	188.9
Φ	2.0	192.5
T.P	7.99	201.51
0.94	0.94	193.52
Φ	4.8	196.7
20L	5.8	195.7
23L	4.2	197.3
37L	+3.3	204.8
50L	+6.2	207.7
70L	+12.0	213.5

192+00⁰⁰

201.51

70L	+6.4	207.9
50L	+1.2	202.7
30L	4.0	197.5
23L	5.2	196.3
Φ	4.8	196.7
4R	4.8	196.7
23R	9.3	192.2
50R	13.3	188.2
80R	17.0	184.5

192+50⁰⁰

80R	18.7	182.8
50R	15.4	185.1
40R	14.6	186.9
23R	12.6	188.9
13R	11.7	189.8
4R	4.8	196.7
Φ	4.8	196.7
14L	5.1	196.4
23L	+2.2	203.7
50L	+9.4	210.9
70L	+11.4	212.9

27L

23L

193+00⁰⁰

201.51

70L	+18.9	220.4
50L	+12.0	213.5
27L	+3.2	204.7
23L	+0.7	202.2
15L	4.1	197.4
Φ	3.8	197.7
3R	3.8	197.7
23R	14.2	187.3
50R	17.3	184.2
80R	20.1	181.4

193+50⁰⁰

80R	17.8	185.7
50R	14.3	187.2
23R	12.0	189.5
3R	2.0	199.5
Φ	2.4	199.1
14L	2.9	198.6
23L	+5.6	207.1
50L	+13.0	214.5
70L	+18.0	219.5

29

194+15 ⁰⁰	201.51		
70L	+16.6	218.1	
50L	+10.9	211.9	
23L	+1.7	203.2	
18L	0.0	201.51	
17L	1.5	200.0	
Φ	0.9	200.6	
3R	0.8	200.7	
9R	5.0	196.5	
23R	7.1	194.4	
50R	10.9	190.6	
80R	14.2	187.3	

194+50 ⁰⁰			
80R	14.3	187.2	
50R	10.1	191.4	
23R	6.0	195.5	
13R	4.5	197.0	
TP	7.40	208.12	0.79
3R		201.9	6.2
Φ		201.6	6.5
17L		200.8	7.3
23L		203.0	5.1
50L		206.1	2.0
70L		210.0	+1.9

195+00 ⁰⁰	208.12		
70L	+9.6	217.7	
50L	+6.9	214.5	
27L	+0.5	208.6	
23L	1.4	206.7	
17L	6.6	201.5	
Φ	5.8	202.3	
10R	5.5	202.6	
23R	10.2	197.9	
39R	15.0	193.1	
50R	16.8	191.3	
80R	21.2	186.9	

195+50 ⁰⁰			
80R	20.0	188.1	
50R	16.6	191.5	
25R	9.2	198.9	
23R	8.3	199.8	
18R	5.0	203.1	
Φ	5.4	202.7	
14L	5.8	202.3	
23L	+2.0	210.1	
50L	+6.5	214.6	
70L	+10.3	218.4	

196+00⁰⁰ 208.12

70L	+9.0	216.1
50L	+2.7	210.8
25L	+0.6	208.7
23L	2.6	205.5
16L	6.2	201.9
4	5.5	202.6
12R	5.2	202.9
23R	8.3	199.8
37R	13.4	194.7
50R	15.0	193.1
74R	25.7	182.4
90R	17.2	190.9

196+39²⁵ B.C. LR

80R	15.5	192.6
50R	12.9	195.2
30R	11.6	196.5
28R	14.6	193.5
23R	11.4	196.7
12R	9.1	199.0
5R	5.2	202.9
4	5.5	202.6
23L	6.2	201.9
34L	4.3	205.9
50L	2.4	205.7
70L	2.0	206.1

196+89²⁶ 208.12

70L	+4.3	212.4
50L	0.1	208.0
32L	4.2	203.9
28L	6.5	201.6
T.P.	564	207.78
23L	5.8	202.0
1L	5.4	202.4
4	6.0	201.8
23R	9.5	198.3
50R	12.5	195.3
70R	14.3	193.5

197+39²⁷

70R	15.9	191.9
50R	14.1	193.7
23R	12.3	195.5
4R	10.8	197.0
4	9.7	198.1
6L	5.4	202.4
23L	5.7	202.1
29L	5.6	202.2
30L	4.3	203.5
34L	1.4	206.4
50L	+1.7	209.5
70L	+7.3	215.1

197+89²⁸

207.78

70L	+8.0	215.8
50L	+2.4	210.2
32L	2.0	205.8
28L	5.3	202.5
23L	5.3	202.5
6L	4.9	202.9
3L	8.3	199.5
♀	8.6	199.2
7R	11.9	195.9
23R	14.2	193.6
50R	16.0	191.8
70R	17.6	190.2
198+39 ²⁹		
70R	20.2	187.6
50R	19.2	188.6
23R	14.5	193.8
12R	12.0	195.8
8R	10.7	197.1
2R	10.1	197.7
♀	8.8	199.0
5L	4.8	203.0
23L	4.9	202.9
32L	5.0	202.8
35L	11.1	208.9
50L	+5.7	213.5
70L	+12.6	220.4

198+89³⁰

207.78

70L	+15.4	223.2
50L	+8.6	216.4
38L	+4.2	212.0
26L	4.4	203.4
23L	4.4	203.4
♀	4.2	205.6
10R	12.1	195.7
15R	12.0	195.8
23R	14.1	193.7
45R	19.1	188.7
50R	19.7	188.1
80R	23.6	183.2
199+39 ³¹		
80R	19.3	188.5
50R	17.6	190.2
23R	13.4	194.4
15R	12.8	195.0
♀	3.5	204.3
23L	3.9	203.9
25L	3.8	204.0
38L	+6.3	214.1
50L	+10.2	218.0
70L	+16.2	224.0

199 + 89³²

207.78

70L	+17.9	225.7
50L	+10.8	218.6
32L	+9.6	212.4
23L	0.9	206.9
20L	3.1	204.7
♀	3.0	204.8
T.P	11.19	215.65
5R	10.8	204.9
17R	18.3	197.4
23R	19.4	196.3
50R	21.7	194.0
80R	23.6	192.1

200 + 39³³

80R	19.8	195.9
50R	17.6	198.1
23R	14.3	201.4
20R	14.3	201.4
10R	9.0	206.7
♀	9.8	205.9
16L	10.0	205.7
23L	3.3	212.4
50L	+7.5	223.2
70L	+12.0	227.7

EK

200 + 62²⁰

215.65

70L	+11.4	227.1
50L	+7.2	222.9
23L	2.7	213.0
21L	3.3	212.4
16L	9.6	206.1
♀	9.4	206.3
8R	8.7	207.0
10R	7.8	207.9
17R	8.3	207.4
23R	12.7	203.0
50R	15.8	199.9
80R	17.6	198.1

201 + 17⁰⁰

80R	15.5	200.2
50R	12.4	203.3
23R	9.3	206.4
19R	6.4	209.3
13R	6.1	209.6
11R	6.9	208.8
♀	7.7	208.0
11L	8.5	207.2
14L	5.4	210.3
23L	5.0	210.7
50L	2.4	213.3
70L	0.7	215.0

201 + 85⁷³ B.C. 215.65

70L	+14.3	230.0
50L	+9.7	225.4
23L	+1.5	217.2
11L	3.8	211.9
7L	6.7	209.0
⊕	6.2	209.5
17R	5.3	210.4
22R	8.1	207.6
23R	8.8	206.9
26R	9.7	206.0
50R	12.8	202.9
80R	15.6	200.1

202 + 35⁷⁴

80R	15.0	200.7
50R	12.7	203.0
30R	9.9	205.8
23R	6.4	209.3
19R	3.4	212.3
⊕	4.7	211.0
3L	5.0	210.7
4L	2.7	213.0
10L	+4.6	220.3
23L	+9.0	224.7
36L	+12.7	228.4
50L	+15.2	230.9
70L	+18.9	234.6

215.65

202 + 85⁷⁵

70L	+16.7	232.4
50L	+13.6	229.3
23L	+9.0	224.7
11L	+6.5	222.2
2L	3.2	212.5
⊕	3.0	212.7
20R	2.2	213.5
23R	4.5	211.2
31R	7.5	208.2
50R	10.4	205.3
80R	12.6	203.1

203 + 35⁷⁶

80R	9.2	206.5
50R	6.3	209.4
23R	3.1	212.6
19R	1.1	214.6
T.P.	12.66	226.93
B.M. #15	0.77	226.16
⊕	12.7	214.2
6L	13.4	213.5
10L	10.2	216.7
23L	7.6	219.3
50L	2.1	224.8
70L	+0.4	227.3

34

203+91⁸¹ EC. 226.94

70L	4.3	222.6
50L	6.4	220.5
34L	8.6	218.3
32L	6.6	220.3
23L	6.9	220.0
12L	7.9	219.0
8L	12.2	214.7
⊕	11.7	215.2
16R	11.0	215.9
23R	11.7	215.2
50R	15.7	211.2
80R	19.3	207.6

204+35⁰⁰

80R	17.2	209.7
50R	14.6	212.3
23R	11.5	215.4
21R	11.5	215.4
17R	12.8	214.1
12R	10.5	216.4
⊕	10.8	216.1
9L	11.6	215.3
10L	7.7	219.2
23L	6.8	220.1
50L	4.5	222.4
70L	2.5	224.4

204+56⁰⁰ 226.94

70L		6.5	220.4	
T.P.	7.17	223.02	11.09	215.85
50L		5.1	217.9	
23L		6.9	216.1	
10L		7.2	215.8	
⊕		6.8	216.2	
12R		6.7	216.3	
17R		10.4	212.6	
23R		11.2	211.8	
50R		12.8	210.2	
80R		14.5	208.5	

204+90⁰⁰

80R	14.5	208.5
50R	12.3	210.7
23R	9.4	213.6
15R	8.0	215.0
10R	5.9	217.1
⊕	6.1	216.9
12L	6.7	216.3
17L	4.2	218.8
23L	3.6	219.4
50L	0.0	223.02
70L	+2.4	225.4

205 + 50⁰⁰

223.02

70L	+1.1	224.1
50L	3.3	219.7
23L	5.9	217.1
15L	5.2	217.8
⊕	5.0	218.0
8R	5.0	218.0
19R	9.0	214.0
23R	10.2	212.8
50R	13.3	209.7
80R	16.9	206.1
206 + 00 ⁰⁰		
80R	19.3	203.7
50R	15.4	207.6
23R	12.7	210.3
18R	12.1	210.9
7R	4.0	219.0
⊕	4.2	218.8
13L	4.5	218.5
23L	2.8	220.2
50L	+4.8	227.8
70L	+10.0	233.0

33

206 + 50⁰⁰

223.02

36

80L	+26.1	249.1
50L	+16.8	239.8
23L	+7.0	230.0
19L	+5.1	228.6
12L	3.3	219.7
⊕	3.2	219.8
9R	2.6	220.4
23R	10.3	212.7
30R	14.5	208.5
50R	16.2	206.8
80R	20.1	202.9
207 + 35 ⁰⁰		
90R	24.5	198.5
71R	21.4	201.6
50R	13.2	209.8
23R	6.0	217.0
18R	4.6	218.4
10R	0.6	222.4
⊕	1.2	221.8
11L	1.6	221.4
23L	+8.4	231.4
50L	+18.0	241.0
80L	+29.4	252.4

208+00⁰⁰

223.02

80L	+26.6	249.6
50L	+16.0	239.0
23L	+6.6	229.6
14L	+3.8	226.8
11L	0.5	222.5
Φ	0.1	223.1
T.P.	7.22	229.83
10R	6.5	223.3
17R	11.3	218.5
23R	13.5	216.3
50R	25.8	204.0
65R	30.6	199.2
90R	33.0	196.8

208+50⁰⁰

90R	34.0	195.8
70R	32.0	197.8
50R	21.7	208.1
23R	11.1	218.7
16R	9.0	220.8
11R	5.9	224.1
Φ	6.1	223.7
10L	6.4	223.4
19L	+1.4	231.2
23L	+2.6	232.4
50L	+11.2	241.0
70L	+23.3	253.1

209+00⁰⁰

229.83

80L	+18.7	248.5
50L	+10.7	240.5
23L	+3.6	233.4
15L	+1.3	231.1
10L	5.6	224.2
Φ	5.2	224.6
13R	4.9	224.9
16R	7.0	222.8
23R	8.5	221.3
50R	17.3	212.5
73R	27.0	202.0
90R	29.3	200.5

209+50⁰⁰

90R	23.4	206.4
50R	15.4	214.4
23R	9.6	220.2
17R	8.3	221.5
12R	4.7	225.1
Φ	4.7	225.1
12L	5.0	224.8
18L	1.2	228.6
23L	+0.7	230.5
50L	+7.2	237.0
70L	+12.5	242.3

37

210 + 00⁰⁰

229.83

70L	+11.8	241.6
50L	+5.3	235.1
23L	2.2	227.6
20L	3.9	225.9
4	4.3	225.5
13R	4.0	225.8
19R	8.9	220.9
23R	10.3	219.5
50R	14.4	215.4
70R	17.8	212.0
T.P.	9.19	234.39
	4.63	225.20

210 + 50⁰⁰

90R	23.3	211.1
50R	16.7	217.7
23R	12.7	221.7
19R	12.2	222.2
13R	8.0	226.4
4	7.7	226.7
12L	9.3	226.1
13L	6.4	228.0
23L	4.1	230.3
50L	+11.5	235.9
80L	+8.6	243.0

211 + 00⁰⁰

234.39

80L	+11.6	246.0
50L	+4.1	238.5
23L	1.0	233.4
13L	2.3	232.1
8L	7.3	227.1
4	6.8	227.6
14R	6.4	228.0
20R	7.8	224.6
23R	10.3	224.1
50R	13.5	220.9
90R	20.6	215.8

211 + 50⁰⁰

90R	19.8	215.6
50R	11.1	223.3
23R	5.5	228.9
17R	4.6	229.8
14R	5.3	229.1
4	5.8	228.6
8L	6.2	228.2
15L	+3.0	237.4
23L	+4.7	239.1
50L	+8.6	243.0
75L	+12.9	247.3

212 + 00⁰⁰ 234.39

80L	+9.4	243.8
50L	+5.3	239.1
23L	+0.9	235.3
11L	0.7	233.7
7L	5.6	228.8
⊕	5.2	229.2
16R	4.8	229.6
18R	4.4	230.0
23R	5.4	229.0
30R	7.9	226.5
50R	10.9	223.5
90R	17.5	216.9

212 + 86²¹ B.C.

90R	17.7	216.7
50R	10.8	223.6
28R	7.4	227.0
23R	4.7	229.7
21R	3.8	230.5
⊕	4.6	229.8
4L	4.8	229.6
9L	0.0	234.39
23L	+3.2	237.6
50L	+8.2	242.6
100L	+19.8	254.2

213 + 36²² 234.39

100L	+12.5	246.9
90L	+7.9	242.3
75L	+3.7	238.1
50L	0.3	234.1
45L	1.7	232.7
40L	+3.6	238.0
23L	+1.2	235.6
8L	1.3	235.1
5L	4.7	229.7
⊕	5.0	229.4
23R	4.4	230.4
38R	9.0	225.4
50R	10.9	223.5
125R	18.1	215.3

213 + 61⁰⁰

125R	18.0	216.4
50R	11.7	222.7
36R	10.2	224.2
23R	3.1	231.3
20R	4.6	229.8
⊕	4.6	229.8
23L	2.2	232.2
28L	1.2	233.2
32L	+2.0	236.4
40L	+5.0	239.4

213 + 61⁰⁰ 234.39

50L +18.3 252.7

100L +33.0 267.4

214 + 26⁰⁰

100L +42.8 276.2

50L +23.4 257.8

23L +11.0 245.4

8L +5.0 239.4

3L 6.0 228.4

Φ 6.1 228.3

23R 5.4 229.0

33R 11.4 223.0

50R 13.4 221.0

125R 20.0 214.4

T.P. 2.73 231.17 595 228.44

214 + 86²⁵

125R 18.2 213.0

50R 11.9 219.3

30R 9.7 221.5

23R 5.4 225.8

20R 2.8 228.4

Φ 3.6 227.6

4L 3.7 227.5

8L +2.7 233.9

23L +6.5 237.7

50L +17.8 249.0

100L +37.6 268.8

215 + 36²⁶ 231.17

100L +35.3 266.5

50L +11.8 243.0

23L +0.4 231.6

10L 3.8 227.4

Φ 3.9 227.3

14R 3.5 227.7

23R 8.3 222.9

50R 11.0 220.2

125R 17.8 213.4

215 + 76⁰⁰

125R 18.0 213.2

50R 10.3 220.9

23R 7.3 223.9

16R 6.4 224.8

10R 3.3 227.9

Φ 3.9 227.3

14L 3.9 227.3

16L 1.7 229.5

23L 0.0 231.17

50L +13.0 244.2

80L +25.0 256.2

100L +33.0 264.2

216+09⁰⁰

231.17

+

216+86²⁹

231.17

38
12
26

41

90L	+7.4	238.6
80L	+3.8	235.0
71L	+2.0	233.2
70L	+0.4	231.6
50L	1.8	229.4
23L	1.7	229.5
17L	3.7	227.5
⊕	3.9	227.3
7R	3.7	227.5
16R	6.2	225.0
23R	7.2	224.0
50R	10.4	220.8
125R	18.0	213.2
216+28 ⁰⁰		
125R	18.7	212.3
50R	11.4	219.8
23R	9.0	222.2
10R	7.1	224.1
5R	3.8	227.4
⊕	4.6	226.6
19L	4.5	226.7
23L	0.0	231.7
25L	+11.5	232.7
50L	+11.1	242.3
100L	+31.2	262.4

100L	+28.9	260.1
50L	+9.6	240.8
40L	+4.6	235.8
30L	5.3	225.9
23L	5.4	225.8
9L	5.5	225.7
⊕	11.6	219.6
23R	13.8	217.4
50R	15.4	215.8
125R	20.8	210.4
217+36 ³⁰		
125R	22.0	209.2
50R	17.6	213.6
23R	16.6	214.6
⊕	15.4	215.8
10L	14.0	217.2
21L	5.9	225.3
23L	5.9	225.3
T.P.	5.70	226.01
37L	10.86	220.31
45L	0.7	225.3
50L	1.4	224.6
100L	+0.4	226.4
	+22.0	248.0

	226.01	
217 + 86 ³¹		
- 100L	+22.2	248.2
58L	+3.3	229.3
52L	0.8	225.2
50L	0.8	225.2
30L	1.0	225.0
23L	6.0	220.0
14L	11.5	214.5
⊕	13.4	212.6
17R	15.7	210.3
23R	15.2	210.8
50R	15.5	210.5
125R	18.0	208.0
218 + 36 ³²		
125R	20.4	205.6
95R	19.3	206.7
50R	16.6	109.4
23R	14.4	211.6
⊕	12.2	213.8
15L	10.0	216.0
23L	7.2	218.8
35L	0.0	226.01
50L	0.3	225.7
56L	0.4	225.6
68L	+8.4	236.4
100L	+18.6	244.6

	226.01	
218 + 86 ³³		
100L	+14.7	240.7
64L	+5.3	231.3
61L	+0.4	226.4
50L	+0.3	226.3
39L	+0.8	226.8
32L	3.3	222.7
23L	5.2	220.8
⊕	8.5	217.5
23R	11.8	214.2
50R	15.0	211.0
125R	19.5	207.5
219 + 26 ³⁴		
125R	18.3	207.7
50R	13.3	212.7
23R	10.0	216.0
⊕	7.0	219.0
23L	3.3	222.7
36L	1.3	224.7
42L	+1.6	227.6
50L	+0.8	226.8
66L	+0.3	226.3
75L	+5.0	231.0
100L	+10.0	236.0

219 + 86 ³⁵		226.01	
100L	+7.8	233.8	
88L	+6.0	232.0	
87L	+3.9	229.9	
70L	+0.6	226.6	
50L	+1.2	227.2	
48L	+1.2	227.2	
42L	0.6	225.4	
23L	4.0	222.0	
⊕	6.9	219.1	
23R	8.8	217.2	
36R	12.1	213.9	
50R	12.1	213.9	
125R	17.5	208.5	
220 + 1100			
125R	18.0	208.0	
50R	11.2	2214.8	
23R	8.2	217.8	
12R	6.7	219.3	
⊕	8.6	217.4	
14L	4.3	221.7	
23L	3.6	222.4	
47L	0.9	225.1	
50L	+0.2	226.2	
52L	0.3	225.7	
76L	+0.8	226.8	
94L	+3.2	229.2	

220 + 1100		226.01	
95L		+4.8	230.8
100L		+7.0	233.0
T.P.	12.47	238.40	0.08 225.93
T.P.	9.33	245.88	1.85 236.55
BM # 17		3.08	242.80 242.77
See Book 1304 Pg 1			

$212 + 86 \approx BC$
 $\frac{74991}{\text{length}}$
 $220 + 36 \approx P.R.C$

Cont. from Book 1304 pg 28

BM#21	0.14	316.08	315.94
T.P.	9.86	316.46	306.60
260 + 9122 E.C.			
70L		0.5	316.0
50L		2.9	313.6
39L		3.7	312.8
34L		8.5	308.0
23L		8.4	308.1
8L		9.2	307.3
5L		8.6	307.9
⊕		9.5	307.0
23R		11.4	305.1
36R		13.2	303.3
50R		17.0	299.5
80R		21.5	295.0
261 + 2900			
80R		16.0	300.5
60R		14.1	302.4
50R		13.4	303.1
35R		10.0	306.5
23R		9.2	307.3
7R		7.7	309.1
5R		7.0	309.5
⊕		6.7	309.8
10L		5.9	310.6
12L		6.4	310.1

261 + 2900	316.46
23L	5.9 310.6
34L	6.8 309.7
43L	3.9 312.6
56L	4.2 312.3
55L	0.3 316.2
70L	+1.4 317.9
261 + 6930 B.C.	
90L	+2.6 319.1
64L	0.0 316.46
57L	+1.9 318.4
52L	+1.6 318.1
50L	+0.3 316.8
46L	1.7 314.8
40L	2.4 314.1
39L	3.9 312.6
36L	2.8 313.7
23L	2.4 314.1
4L	3.2 313.3
⊕	4.2 312.3
18R	5.2 311.3
25R	5.8 310.7
39R	8.0 308.5
44R	9.5 307.0
50R	10.0 306.5
66R	11.0 305.5
70R	13.7 303.8

261+69 ³⁰	316.46		
75R		11.9	304.6
80R		12.1	304.4
262+19 ³¹			
80R		3.9	312.6
73R		3.0	313.5
67R		7.0	309.5
58R		1.8	314.7
50R		1.4	315.1
43R		1.2	315.3
20R		1.0	315.5
10R		2.1	314.4
T.P.	12.79	328.56	0.69 315.77
⊕		12.0	316.6
4L		11.4	317.2
9L		12.0	316.6
23L		10.6	318.0
31L		11.3	317.3
37L		10.0	318.6
45L		10.1	318.5
50L		7.8	320.8
55L		6.3	322.3
70L		9.5	324.1

45

262+69 ³²	328.56		
70L		0.4	328.2
60L		1.5	327.1
55L		4.5	324.1
50L		4.4	324.2
40L		5.0	323.6
32L		4.8	323.8
23L		7.5	321.1
⊕		8.4	320.2
12R		8.7	319.9
19R		8.3	320.3
23R		8.5	320.1
31R		8.8	319.8
42R		13.6	315.0
50R		9.2	319.4
80R		10.8	317.8
263+19 ³³			
70R		6.0	322.6
50R		5.3	323.3
40R		5.0	323.6
30R		8.0	320.6
26R		8.0	320.6
23R		5.9	322.7
20R		4.7	323.9
14R		4.1	324.2
⊕		4.6	324.0

263+1933

328.56

11L	5.0	328.6
23L	1.7	326.9
50L	0.3	328.3
66L	0.5	328.1
70L	137	352.3
T.P.	1310	341.97
	0.19	328.37

263+6934

70L	8.5	333.0
50L	8.6	332.9
37L	10.5	331.0
23L	10.7	330.8
8L	11.5	330.0
⊕	14.6	326.9
14R	13.9	327.6
23R	14.6	326.9
50R	14.2	327.3
70R	14.9	326.6

264+1935

70R	10.6	330.9
50R	10.0	331.5
41R	9.7	331.8
40R	10.9	330.6
23R	10.5	331.0
7R	11.2	330.3
⊕	9.3	332.2

264+1935

341.97

15L	7.5	334.0
23L	7.8	333.7
35L	8.2	333.3
50L	5.1	336.4
70L	3.6	337.9

264+6936

70L	0.2	341.3
50L	1.0	340.5
41L	2.0	339.5
30L	1.9	339.6
23L	2.0	339.5
12L	4.1	337.4
⊕	4.1	337.4
5R	4.3	337.2
12R	7.8	333.7
23R	7.2	334.3
36R	8.0	333.5
39R	6.1	335.4
50R	6.2	335.3
70R	7.3	334.2
T.P.	13.07	351.02
	3.52	237.95

265+1937

351.02

70R	12.6	338.4
50R	12.1	338.9
38R	11.1	339.9
31R	13.6	337.4
23R	13.2	337.8
12R	14.0	337.0
6R	9.3	341.7
4	9.5	341.5
5L	9.8	341.2
23L	7.9	343.1
46L	4.7	346.3
50L	5.0	346.0
70L	6.4	344.6

265+6938

70L	2.9	348.1
50L	2.6	348.4
45L	2.5	348.5
23L	5.0	346.0
12L	6.1	344.9
4	6.6	344.4
7R	6.9	344.1
19R	10.7	340.3
23R	10.3	340.7
35R	11.0	340.0
39R	8.2	342.8

265+6938

351.02

50R	9.2	341.8
70R	10.3	340.7
266+1939		
70R	8.4	342.6
50R	6.9	344.1
41R	6.2	344.8
38R	8.6	342.4
23R	7.6	343.2
16R	8.4	342.6
11R	5.0	346.0
4	4.5	346.5
23L	3.2	347.8
50L	1.5	349.5
70L	1.2	349.8

266+6940

T.P. 876	357.45	2.33	248.69
70L		6.6	350.9
50L		6.9	350.6
23L		8.8	348.7
4		9.5	348.0
16R		9.8	347.7
20R		12.9	344.6
23R		12.6	344.9
45R		12.9	344.6
46R		11.7	345.8

266+6990 357.45

50R 11.8 345.7

70R 13.3 344.2

267+1991

70R 11.0 346.5

52R 10.0 347.5

50R 11.1 346.4

25R 11.0 346.5

23R 8.8 348.7

⊕ 8.0 349.5

23L 7.2 350.3

39L 6.8 350.7

50L 5.3 352.2

70L 5.1 352.4

267+6992

70L 3.3 354.2

50L 3.8 353.7

40L 4.1 353.4

30L 5.4 352.1

23L 5.4 352.1

⊕ 5.9 352.1

23R 8.5 349.0

50R 9.1 348.4

70R 9.7 347.8

268+1993 352.45

70R 6.9 350.6

66R 7.1 349.4

50R 6.8 350.7

23R 5.7 351.8

⊕ 4.8 352.7

23L 4.3 353.2

28L 3.3 354.2

50L 2.7 354.8

70L 1.5 356.0

268+6994

70L 10.8 358.3

57L 0.5 357.0

50L 0.6 356.9

23L 1.5 356.0

18L 1.6 355.9

⊕ 2.9 354.6

23R 3.0 354.5

44R 4.1 353.4

45R 5.2 352.3

50R 4.7 352.8

61R 3.9 353.6

70R 4.2 353.3

	357.45		
T.P.	12.55	370.00	0.00 257.45
269	+19.45		
70R		13.7	556.3
50R		13.2	556.8
33R		13.9	556.1
32R		13.4	556.6
23R		13.3	556.7
⊕		11.6	558.4
23L		10.9	559.1
45L		9.9	560.1
50L		9.1	560.9
70L		9.0	562.0
269	+69.46		
70L		2.7	567.3
50L		3.0	567.0
23L		5.0	565.0
15L		5.8	564.2
6L		8.4	561.6
⊕		9.2	561.8
18R		9.3	561.7
23R		9.3	560.7
24R		10.2	559.8
50R		10.6	559.4
51R		10.1	559.9
70R		11.0	559.0

270 + 19.47

370.00

70R		6.9	563.1
50R		5.8	564.2
35R		5.1	564.9
34R		5.9	564.1
23R		5.2	564.8
11R		6.0	564.0
10R		5.2	564.8
6R		4.0	566.0
⊕		3.1	566.9
6L		1.6	568.4
23L		1.1	568.9
50L		0.0	570.0
70L		0.3	569.7
270	+69.48		
70L		+2.6	572.6
50L		+2.3	572.3
23L		+1.3	571.3
5L		0.1	569.9
⊕		2.9	567.1
23R		3.2	566.8
26R		3.4	566.6
27R		2.6	567.4
50R		2.3	567.7
70R		4.3	565.7
T.P.	13.07	382.25	0.82 (269.18) 569.18

271+1949

382.25

70R	12.3	370.0
62R	11.7	370.6
50R	12.3	370.0
23R	11.0	371.3
17R	11.0	371.3
15R	12.3	370.0
±	11.5	370.8
8L	12.4	369.9
16L	10.2	372.1
23L	8.8	373.5
50L	7.6	374.7
70L	6.0	376.3
271+6950		
70L	3.4	378.9
50L	4.7	377.6
23L	6.2	376.1
21L	6.5	375.8
18L	8.5	373.8
±	9.0	373.3
9R	9.6	372.7
10R	8.5	373.8
19R	8.9	373.4
23R	9.7	372.6
35R	9.6	372.7
43R	9.3	373.0
50R	10.0	372.3

50

271+6950

382.25

70R	11.0	371.3
272+195L		
70R	8.1	374.2
50R	8.1	374.2
23R	7.5	374.8
5R	6.7	375.6
4R	7.2	375.1
±	6.8	375.5
14L	6.8	375.5
22L	7.1	375.2
23L	6.4	375.9
28L	5.3	377.0
40L	3.9	378.4
50L	3.3	379.0
70L	1.5	380.8
T.P.	10.74	390.21
272+7846	E.C.	
70L	7.4	382.8
50L	9.9	380.3
36L	11.5	378.7
27L	12.9	377.3
23L	12.1	378.1
±	12.9	377.3
3R	12.7	377.5
23R P	12.4	377.8
278	(279.47)	379.47

272 + 78⁴⁶ - 390.21

35R

50R

70R

273 + 00⁰⁰

70R

50R

27R

23R

14R

3R

⊕

21L

23L

28L

50L

70L

273 + 50⁰⁰

70L

50L

33L

23L

17L

⊕

12.0 378.2

12.8 377.4

11.8 378.4

9.0 381.2

10.4 379.8

12.0 378.2

11.7 378.5

11.3 378.9

11.8 378.4

12.1 378.1

11.1 379.1

11.4 378.8

11.8 378.4

9.4 380.8

6.4 383.8

4.5 385.7

7.2 383.0

8.4 381.8

10.0 380.2

9.5 380.7

9.5 380.7

273 + 50⁰⁰

390.21

8R

23R

50R

57R

70R

274 + 00⁰⁰

70R

50R

23R

10R

⊕

20L

23L

28L

50L

70L

274 + 50⁰⁰

70L

50L

27L

23L

21L

19L

7.9 382.3

6.9 383.3

5.4 384.8

5.0 385.2

10.6 379.6

5.4 384.8

6.0 384.2

6.6 383.6

7.1 383.1

8.2 382.0

8.4 381.8

7.7 382.5

6.2 384.0

7.3 385.9

2.9 387.3

2.3 387.9

3.5 386.7

5.3 384.9

6.6 383.6

7.3 382.9

7.0 382.2

274 + 50⁰⁰ 390.21

4	7.0	383.2
5R	7.4	382.8
6R	7.0	382.2
23R	6.5	383.7
50R	7.6	382.6
70R	8.3	381.9

275 + 100⁰⁰

70R	8.5	381.7
50R	7.4	382.8
23R	6.6	383.6
4	5.9	384.3
15L	5.9	384.3
21L	6.4	383.8
23L	5.6	384.6
26L	4.8	385.4
50L	3.3	386.9
70L	2.0	388.2

275 + 50⁰⁰

70L	2.2	388.0
50L	2.8	387.4
30L	4.0	386.2
23L	4.7	385.5
19L	5.5	384.7
13L	5.1	385.1
4	5.2	385.0

275 + 50⁰⁰ 390.21

10R	5.8	384.4
11R	5.5	384.7
23R	6.0	384.2
50R	7.2	383.0
70R	7.7	382.5

276 + 100⁰⁰

70R	6.7	383.5
50R	5.8	384.4
23R	4.9	385.3
4	4.4	385.8
19L	4.5	385.7
T.P.	7.43	393.66
23L	7.3	386.4
50L	6.3	387.4
70L	5.3	388.4

276 + 50⁰⁰

70L	5.2	388.5
50L	6.1	387.6
23L	6.2	387.5
15L	7.3	386.4
4	7.0	386.7
13R	7.0	386.7
23R	7.0	386.7
50R	8.1	385.6
70R	9.0	384.7

277+00⁰⁰ 393.66

70R	8.1	385.6
50R	7.6	386.1
23R	6.9	386.8
14R	6.3	387.4
13R	6.8	386.9
4	6.2	387.5
14L	6.6	387.1
16L	6.2	387.5
23L	5.9	387.8
50L	4.4	389.3
70L	3.9	389.8

277+50⁰⁰

70L	2.2	391.5
50L	3.5	390.2
23L	4.5	389.2
14L	5.6	388.1
4	5.3	388.4
13R	5.9	387.8
14R	5.4	388.3
23R	5.6	388.1
50R	6.8	386.9
70R	7.4	385.3

278+00⁰⁰ 393.66

70R	6.7	387.0
50R	5.6	388.1
23R	5.0	388.7
14R	4.4	389.3
12R	4.7	389.0
4	4.2	389.5
14L	4.5	389.2
21L	3.1	390.6
23L	2.9	390.8
50L	1.5	392.2
70L	1.0	394.7

T.P. 10.03 401.10 2.59 291.07 391.07

278+50⁰⁰

70L	5.6	395.5
50L	6.6	394.5
23L	8.9	392.2
18L	9.4	391.7
13L	10.8	390.3
4	10.5	390.6
12R	10.8	390.3
14R	10.5	390.6
23R	11.3	389.8
50R	13.0	388.1
70R	14.0	387.1

279 + 00⁰⁰ 401.10

70R	13.3	387.8
50R	12.0	389.1
23R	10.2	390.9
13R	9.4	391.7
12R	9.6	391.5
♀	9.4	391.7
15L	9.5	391.6
23L	7.5	393.6
50L	5.9	395.2
70L	4.7	396.4

279 + 50⁰⁰

70L	4.2	396.9
50L	5.5	395.6
28L	6.3	394.8
23L	6.9	394.2
18L	8.2	392.9
♀	8.4	392.7
23R	9.4	391.7
50R	11.3	389.8
70R	12.4	388.7

280 + 00⁰⁰ 401.10

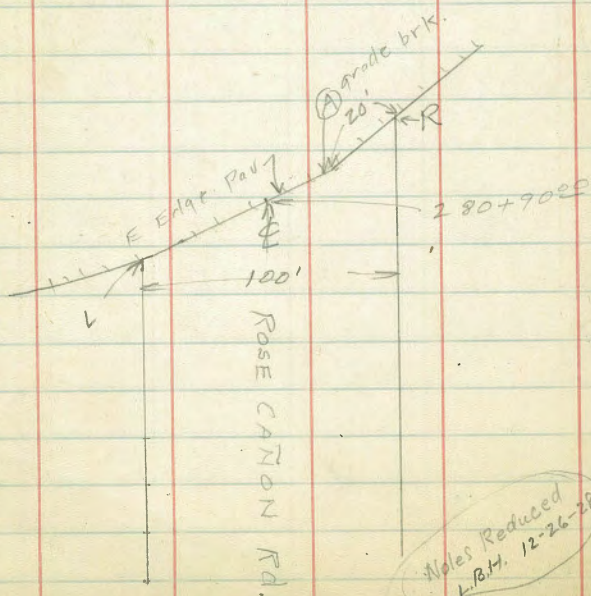
70R	10.8	390.3
50R	10.3	390.8
23R	8.6	392.5
15R	8.1	393.0
11R	7.3	393.8
♀	7.3	393.8
14L	7.0	394.1
23L	6.8	394.3
50L	5.4	395.7
70L	3.8	397.3

280 + 50⁰⁰

43 ⁵ L E. Pav.	3.74	397.36
23L	4.5	396.6
♀	5.4	395.7
22R	6.0	395.1
23R	6.1	395.0
27R	6.8	394.3
50R	7.1	394.0
70R	7.0	394.1

401.10

280+90 ⁰⁰ # Meets E. Edge Pavement			
±	on Pav	3.93	397.17
23R		4.4	396.7
42R		4.8	396.3
50R		5.0	396.1
70R		4.9	396.2
East edge Pavement (Hog Cañon)			
L		3.60	397.50
±		3.93	397.17
(A)		3.82	397.28
R		3.55	397.55
B.M. #24		6.12	394.98 394.98



Notes Reduced
L.R.H. 12-26-28

Levels @ Torrey Pines Rd. from
End of La Jolla Canyon Drive (= P.I.) to 2000
north of E.C. of Rose Canyon Rd.

56

STA	+	H.I.	-	Elev.
P.M. # 24				394.985
	6.51	401.49 ✓		
0+00	=	P.I.	4.25	397.24
1+00			3.02	398.47
2+00			0.84	400.65
			0.58	400.91
	6.61	407.52 ✓		
3+00			5.30	402.32
4+00			4.90	402.62
5+00			4.64	402.88
6+00			4.45	403.07
+60			3.99	403.53
7+00			3.22	404.30
8+00			0.02	407.50
			0.58	406.94
	13.16	420.10 ✓		
8+68	E.C.		10.41	409.69
9+00			9.45	410.65
10+00			7.28	412.82
11+00			5.41	414.69
12+00			4.11	415.99
13+00			3.25	416.85
14+00			3.57	416.43

STA	+	H.I.	-	Elev.
15+00		420.10	4.55	415.55
16+00			3.90	416.20
			2.08	418.02
		13.01	431.03 ✓	
17+00			10.44	420.59
18+00			5.92	425.11
19+00			2.72	428.31
20+00			0.86	430.17
			0.17	430.86
			3.87	434.72 ✓
21+00			3.68	431.05
22+00			3.84	430.89
23+00			5.15	429.58
24+00			7.43	427.30
25+00			8.90	425.83
26+00			8.05	426.68
27+00			5.65	429.08
28+00			1.37	433.36

STA

+

H.I.

-

Elev.

STA

+

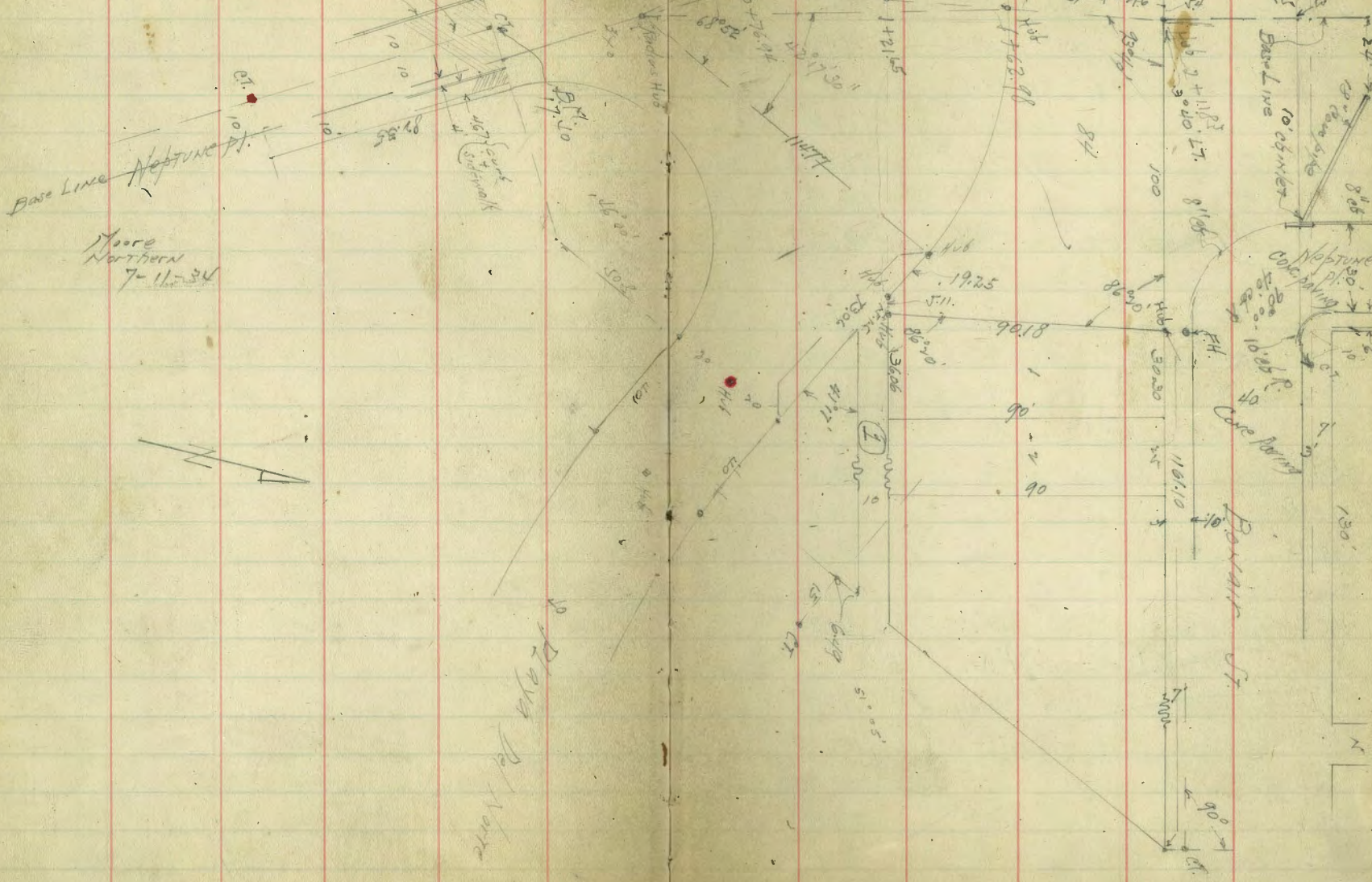
H.I.

-

Elev.

57

Neptune Pl.
at Playa del Norte
Location + Levels of
Lot 84 Blk 1 La Jolla Grand.



M.H.T. DISTRICT
C.I. Iron Bolt
88



Levels on Lot 34
 BIK 1 La Jolla Strand.

Neptune Pl. Playa Del Norte to Bonair.

2049

Moore
 Northern
 7-14-84

59

Vista Del Mar
 Playa Del Norte

0.85 28.81

27.96

11707 SE

55 L
 70 L
 80 L

11.5
 15.5
 19.0

9.0
 6.0
 1.5

T.P. CT 3.09 20.49 11.41 17.40 102W of 0700

1700

0700 N edge paving

B.L. 2.75 17.74
 4 RT gut 2.57 17.92
 " " cb 1.93 18.56
 867 RT inside edge walk 1.85 18.64
 10 LT
 20 LT gut 2.38 17.11
 " " cb 2.55 17.94
 30 L 2.2 18.1

BL
 15 L
 30 L
 42 L
 50 L
 60 L
 75 L
 15 R
 50 R
 50 R

2.9
 3.2
 4.1
 10.1
 11.1
 14.3
 19.1
 2.1
 1.9
 1.5

17.6
 17.3
 16.4
 10.4
 9.4
 6.2
 1.4
 18.4
 18.6
 19.0

07706 = Radius Pt.

BL 2.5 18.0
 20 R 1.4 19.1
 20 L 2.5 18.0
 15 L 6.0 14.5
 40 L 11.4 9.3

BL
 15 R
 30 R
 50 R
 50 R
 100 R

2.8
 2.6
 2.4
 1.9
 0.2

17.7
 17.9
 18.1
 18.6
 20.3

0776.92 = A 1899' RT.

BL 2.8 17.7
 15 R 2.4 18.1
 30 R 1.6 18.9
 15 L 3.0 17.5
 30 L 4.4 16.1
 45 L 6.1 14.4

25 L
 40 L
 55 L
 65 L
 80 L
 90 L

4.4
 9.5
 11.2
 14.8
 15.4
 19.0

16.1
 11.0
 9.3
 5.7
 5.1
 1.5

1721.65 = NL alley proposed.

Note!
 Sec. 5 from
 1721.65 to
 2711.82
 taken
 parallel with
 alley and
 SL Bonair
 orders at 90°

20.49

1+52

BL			4.6	15.9
11.5 L = Sand foot bridge			4.98	15.51
15 L			7.0	13.5
20 L			8.4	12.1
50 L			10.7	9.8
70 L			13.8	6.7
108 L			17.1	3.4
110 L			21.0	-0.5
20 R			2.5	17.0
40 R			2.6	17.9
60 R			1.8	18.7
100 R			0.0	20.5
T.P.	8.97	26.37	3.09	17.40
T.P.	10.77	21.18	5.96	20.41

1+58

BL			21.6	9.6
10 R			16.8	14.4
20 R			16.8	14.9
50 R			14.6	16.9
75 R			13.0	18.2
100 R			15.3	15.9
20 L			17.4	13.8
40 L			19.5	11.7
70 L			24.6	6.8
107 L			27.7	3.5

2/18

NEPTUNE Pt.

60

110 L

1+62.95 - NL Playa del Norte

BL			21.7	-0.5
10 R			24.0	7.2
30 R			20.1	11.1
50 R			17.1	14.1
75 R			15.2	16.0
100 R			16.6	14.6
17 L			17.1	14.1
30 L			24.3	6.9
45 L			18.3	12.9
65 L			19.1	12.1
100 L			25.5	7.7
105 L			26.8	4.4
			21.3	-0.1

1+70

BL			24.5	6.9
15 R			23.9	7.3
20 R			21.6	9.6
45 R			19.1	12.1
75 R			19.6	11.6
100 R			18.5	12.7
25 L			24.6	6.6
40 L			17.8	13.4
60 L			20.7	10.5
75 L			24.1	7.1
102 L			26.7	4.5
110 L			27.2	0.0

3/18

1482.5

BL	18.1	13.1
15R	22.9	8.3
50R	22.3	8.9
75R	20.7	10.5
100R	20.0	11.2
8.5 L @ N end foot bridge	17.4	13.8
25L	24.7	6.5
35L	24.5	6.7
45L	18.5	12.7
60L	22.5	8.9
90L	26.4	4.9
100L	30.8	0.4

1493

BL	16.2	15.0
8L	16.8	14.4
11L	15.6	15.6
32L	25.2	6.0
44L	24.8	6.4
57L	19.8	11.4
82L	22.6	8.6
95L	30.1	1.1
6R	15.8	15.4
20R	20.6	10.6
35R	19.3	11.9
50R	20.9	10.3

3/18

Napone Pl.

61

75R	21.0	10.2
100R	19.5	11.7
2+05		
100R	10.7	20.5
70R	18.0	13.2
50R	18.5	12.7
12R	17.5	13.7
8R	15.9	15.3
BL	16.1	15.1
4L	16.1	15.1
5L	14.1	17.1
14L	14.0	17.2
45L	24.2	7.0
50L	25.6	5.6
68L	20.0	11.2
80L	24.2	7.0
85L	29.0	2.2
108L	30.4	0.8
110L	25.4	5.8
120L	27.4	4.0
125L	32.7	-2.5
2+11.83 = SL DOWN = A @ 40' LT		
BL	15.9	15.3
10L	15.6	15.6
20L	16.6	14.6
30L	22.7	8.5

2+1183

31.18

50L	Calc. Iron Bolt	25.9	5.3
72L		22.0	9.2
84L		28.6	2.6
104L		29.5	1.7
105L		25.0	6.2
115L		26.3	4.9
120L		23.3	2.1
17R		15.6	15.6
27R		14.0	17.2
30R		15.9	15.3
60R		15.2	16.0
100R		6.7	24.5

2+2183 - S ob line Bonair

100R	Top cb	24.1	28.77
"	" par. gut.	29.5	28.23
82R		2.5	27.7
60R		9.2	22.0
40R		12.1	19.1
B.L.		18.0	13.2
27L		22.9	8.3
60L		26.1	5.1
70L		24.0	7.2
75L		28.7	2.5
85L		28.6	2.6
90L		23.1	8.1
115L		26.3	4.9
120L		32.8	- 1.6

Note!
From here to bottom
are at 2000
SECTION 5
TERTIARY
BASELINE

2 Bonair 2+4183

B.L.		20.8	10.4
20L		23.6	7.6
50L		24.7	6.5
75L		26.0	5.2
106L		26.1	5.1
108L		21.2	0.0
16R		17.8	13.4
25R		9.5	21.7
37R		9.3	21.9
42R		4.7	26.5
69.5R	approx. Top cb	2.27	27.91
"	paring in gut.	3.74	27.46

2+6183 N ob line Bonair

64 RT	Top inlet Box	7.10	24.08	BOTTOM
"	" " gate	4.06	26.82	paring
"	" " cb	3.36	27.82	
42 RT		4.4	26.8	
22 R		5.5	25.7	
24 R		15.2	18.0	
11 R		14.6	16.6	
8 R		18.2	13.0	
34		20.5	10.7	
30L		21.8	9.4	
60L		25.1	6.1	
90L		27.1	4.1	
100L		27.6	3.6	
110L		25.1	0.1	

31.18

No. 1000 P1

62

3/18

++71.83

BL		20.2	10.8
20L		19.7	11.5
50L		23.9	7.3
80L		26.3	4.9
100L		28.4	3.0
105L		30.3	0.9
6R		19.2	12.0
13R		12.6	17.6
25R		12.5	18.7
37R		4.3	26.9
6XR	Top cb	3.23	27.95
"	gut pouring	3.90	27.28
	2+85		
6XR	gut	36.4	27.44
"	cb	31.2	28.06
37R		4.4	26.8
24R	FL 18° Colvert	14.15	17.03
6R		19.9	11.3
BL		18.6	12.6
15L		16.4	14.8
30L		19.8	11.4
50L		23.1	8.1
90L		27.5	3.7
97L		29.7	1.5

31.18

3400

BL		14.6	10.6
13L		14.7	16.5
30L		19.1	12.1
60L		23.4	7.8
80L		25.1	6.1
93L		29.4	1.8
13R		11.1	20.1
25R		3.8	27.4
6XR	Top cb	2.83	28.35
"	gut pouring	3.30	27.88
	3+20		
BL		9.1	22.1
10R		7.8	23.4
23R		1.6	29.6
40R		2.0	29.2
64R	Top cb	2.53	28.65
"	gut pouring	2.98	28.20
3L		5.1	26.1
10L		5.7	25.5
16L		10.1	21.1
37L		18.7	12.5
60L		22.6	8.6
82L		25.6	5.6
90L		30.4	1.0

Neptune Pt.

63

5/18

Neptune Pt.

64

5+50

BL		2.6	27.6
15R		1.6	29.6
40R		1.4	29.8
6XR	Top cb	2.27	28.91
" "	gut	2.74	28.46
7 LT		4.2	27.0
10 L		9.1	22.1
20 L		16.5	14.7
60 L		22.4	8.8
88 L		25.8	5.4
100 L		30.7	0.5

3+85

BL		3.7	27.5	
25 RT		1.5	29.7	
40 R		0.2	31.0	
56 R		0.0	31.2	
60 R		1.6	29.6	
60 RT	Top cb	1.47	29.71	
" "	gut	1.95	29.23	
10 LT		8.5	22.7	
40 L		24.5	6.7	
70 L		25.6	5.6	
75 L		27.7	3.5	
TP	4.82	29.94	6.06	25.14
CH to BK of bag.		2.00	27.94	27.96

Cross Section of
 Cuvier St. 80' wide 14' c/s 13 1/4"
 Pearl St. N 42'

N.E.D.P.	13.01	78.07	65.06	pearl 4 Lafayette Blvd.
T.P.	287	80.82	114	76.95
	0+00 = N.L. Pearl			
W		2.7	78.1	
cb Top cem		2.88	72.94	
gut box		3.28	72.54	
1/4 "		2.79	78.03	
C		2.36	76.46	
1/4 "		2.13	78.69	
gut "		1.00	78.82	
cb Top cem		1.42	78.40	
E		1.2	78.62	
	0+50			
E		2.2	78.6	
cb		2.7	78.1	
1/4		2.6	78.2	
C		3.1	77.7	
1/4		3.2	72.6	
cb		3.7	77.1	
W		4.6	76.2	
	1+00			
W		5.5	75.3	
cb		5.2	75.6	
1/4		4.4	76.4	
C		3.7	77.1	

Indexed
 C.S.K.

1 floor
 5130N
 Northport
 4-9-25

65

Fenced

Fenced

proposed 18" drain
 to be constructed
 by School separately
 from grade job

5' path to be
 improved by
 Bishop School
 separately from
 street grading

5/4 line of
 Hecker Lane &
 School Property

5/4 line
 Tennis Ct.
 + School Prop.

4+25

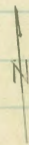
4+00

3+50

3+25

Evergreen
 Hedge
 2' high

Hedge
 7' high



2+50

Evergreen
 Hedge

1+50

1+13

0+65

0+00

Pearl

Cuvier

10' porch to N. St.

Colonial Church

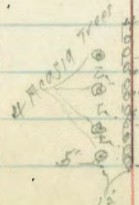
4' wide Shrubbery

8' High wire fence

40'

Sub-Station
 S.D. Gas & Elec. Co.

S.T.



80.82

1/4		W.7	77.1
cb		W.0	77.8
E		2.8	78.0
	1+50		
E		W.6	77.2
cb		X.3	76.5
1/4		4.6	76.2
C		4.1	76.7
1/4		5.5	75.3
cb		6.1	74.7
W		6.2	74.6
	1+81		
W-1	on cemt walk	7.N	73.67
	2+00		
W		7.4	73.4
cb		7.1	73.7
1/4		5.9	74.9
C		4.3	76.5
1/4		5.1	75.7
cb		5.0	75.8
E		4.7	76.1
	2+20		
W-1	on cemt walk	7.73	73.09
	2+43		
W-2	cem Dr. 8' side	7.76	73.06

80.84

66

	2+50		
E		5.3	75.5
cb		5.7	75.1
1/4		5.6	75.2
C		4.7	76.1
+9		5.7	75.1
1/4		7.4	73.6
cb		7.8	73.0
W		7.9	72.9
	2+00		
W		8.5	72.3
cb		8.5	72.3
1/4		7.9	72.9
+7		5.6	75.2
C		4.9	75.9
1/4		5.8	75.0
cb		6.0	74.8
E		5.8	75.0
	3+09		
W-3	cem walk	8.20	72.42
	3+38		
W-2	cem walk	8.87	71.95
E-3		6.43	74.39
	2+50		
E		6.3	74.5
cb		6.6	74.2

80.82

1/4		7.2	73.6
+4		6.8	74.0
+8		5.6	75.2
C		5.3	75.5
+4		5.7	75.1
+8		7.8	73.0
1/4		8.5	72.3
cb		8.9	71.9
w		9.1	71.7
+15		10.4	70.4

E-2	3+80 cem walk 4+00	7.05	73.77
-----	--------------------------	------	-------

W-10		13.0	67.8
W		12.5	68.3
cb		11.6	69.2
1/4		9.0	71.8
+8		6.0	74.8
C		5.6	75.2
+8		6.2	74.6
1/4		8.1	72.7
cb		8.2	72.6
E		7.6	73.2

E-10	4+25 nly end of proposed grading	9.9	70.9
E		9.9	70.9

School Subr. wishes
to raise this for grade if possible
act. to grade
as sh.

80.82

cb		9.7	71.1
1/4		9.1	71.7
+6		6.3	74.5
C		5.8	75.0
+7		6.4	74.4
1/4		9.9	70.9
cb		12.0	68.8
w		12.8	68.0
+15		13.0	67.8

W	4+50	13.2	67.6
W		13.0	67.8
cb		12.2	68.6

+8		10.5	70.3
1/4		7.7	73.1
C		6.0	74.8
+7		6.5	74.3
1/4		8.7	72.1
cb		10.0	70.8
E		10.1	70.7
+10		10.1	70.7
T.P.	1.06	78.01	3.87
cb. to B.M.		12.95	65.06

67

196/1001

Indexed
C.S.K.

7+01

6+50

6+33

5+90

4+08

2+88

2+59

2+36

2+07

1+49

1+08

1+00

0+57

0+33

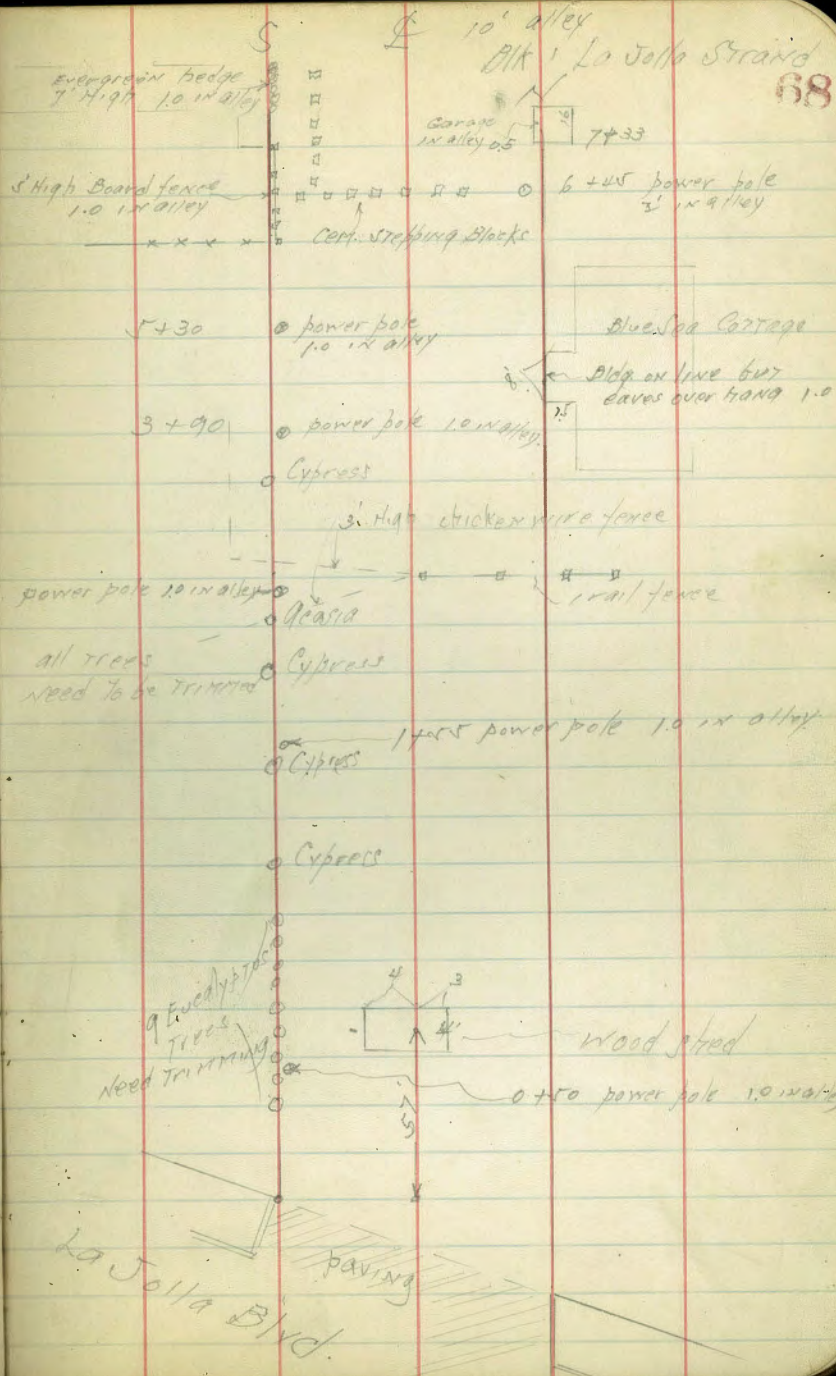
0+00

Location of fences etc
along Blk 1 La Jolla Strand.

Wood shed - ownership to South

Moore
Sisson
Northon

4/11/25

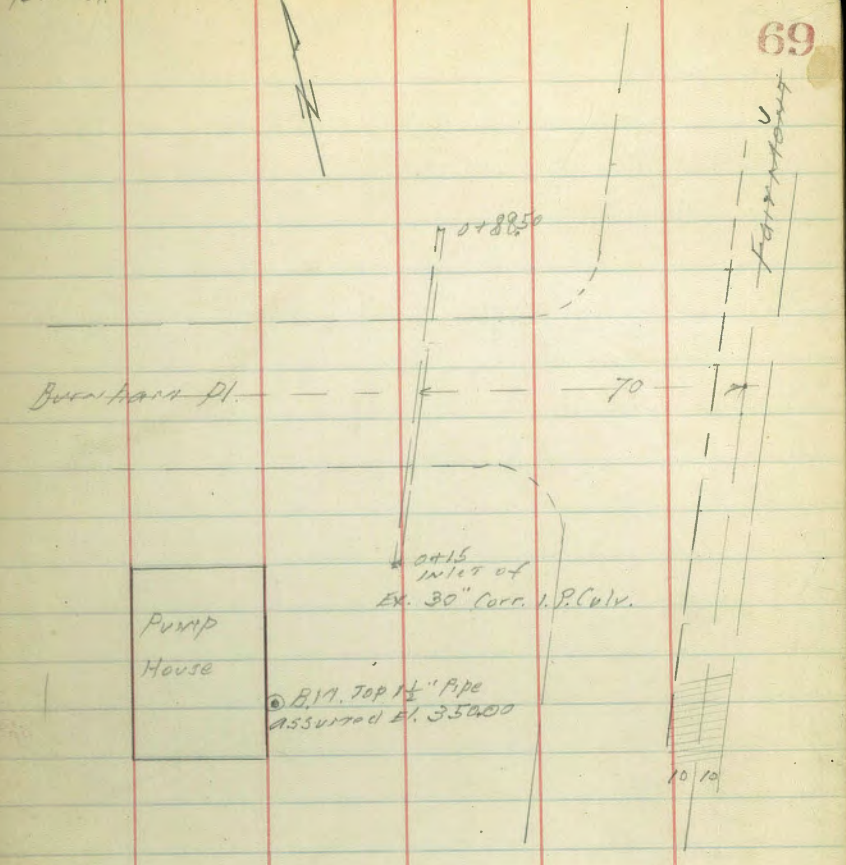


Levels for Proposed Culv.
at Fairmount & Burnham Pl.

Assumed El. B.M. Top 1 1/2" Pipe	7.13	357.13	350.0	at Pump House
0 + 00		12.3	344.83	✓
0 + 15 = inlet Ex. 30" Corr. I.P.		14.16	342.97	
0 + 20		7.8	349.33	
0 + 25		4.2	352.93	7
	6.12	360.72	253	352.60
0 + 30		1.2	359.52	
0 + 50		0.4	360.32	
0 + 60		1.1	359.62	
0 + 70		6.9	353.82	
0 + 78		13.8	346.92	
0 + 83		16.8	343.92	
0 + 88.5		19.8	340.92	
0 + 89		22.8	337.92	
1 + 00.		23.1	337.62	

Moore
12-11-37

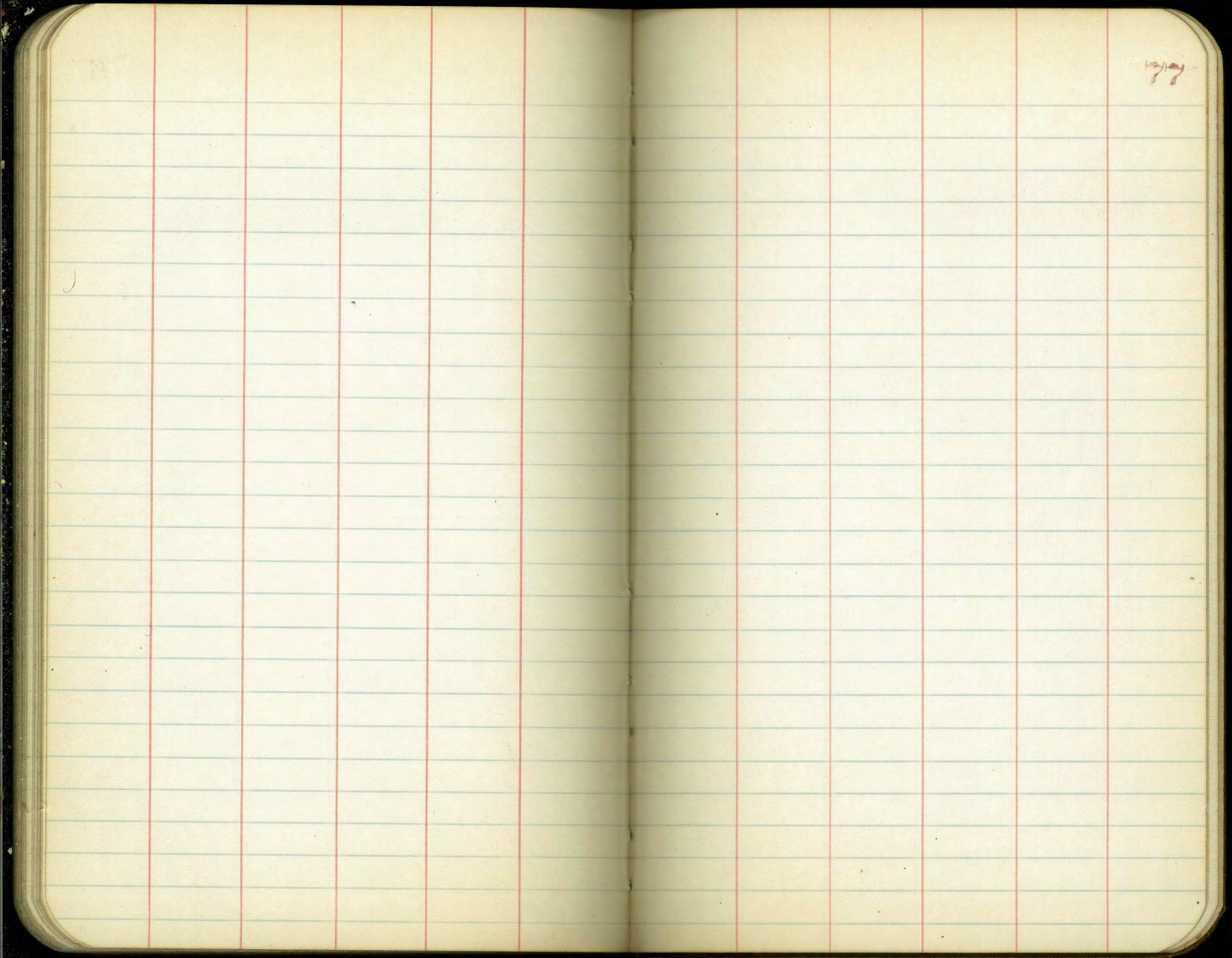
indexed
C.S.K.



⊙ B.M. Top 1 1/2" Pipe
Assumed El. 350.00

10/10

76



176-5

255-42

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

394.98
6.57
401.49
- 0.58
400.91

20
64
16

20.10
2.08
418.02
13.01

431.03
0.17
430.86
2.87
434.73

1240
301
2049

188 + 10 = 28

St Lot 107
400' N - St Lot 107
(12)

church 18' wide
10' in front

4760 St approx Tenn Ct S to west
4700 St Hockey Lane Ct S to east
4798 St Library W
4725 St MH
4721 St Lib W