Returned to City Engineers Office
City Hall, San Diego, Cal.

TRANSIT

398

F.B.336

FB # 336 PGE

P.C. 193, MEANDER LINE – 1, 2
FOR SHORE

SURVEY LOTS 37, 38, 39 – 3
BLK 521, REED & DALEY'S
ADD

N ST., 30th to 16th .... 4-79.
X-SECT.

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 336

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.65	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees
	DEGREES		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

MICROFILMED
1964

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Crocker Quality

TRANSIT BOOK

COMMUNI CONSENSU TRADE MARK PRIMO

No._____

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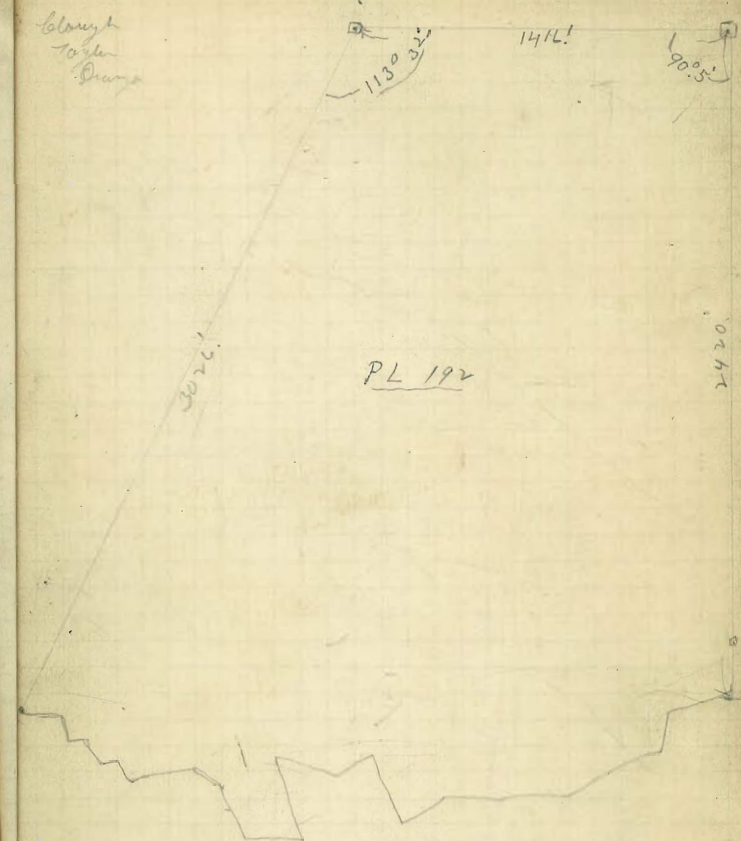
H. S. CROCKER CO.

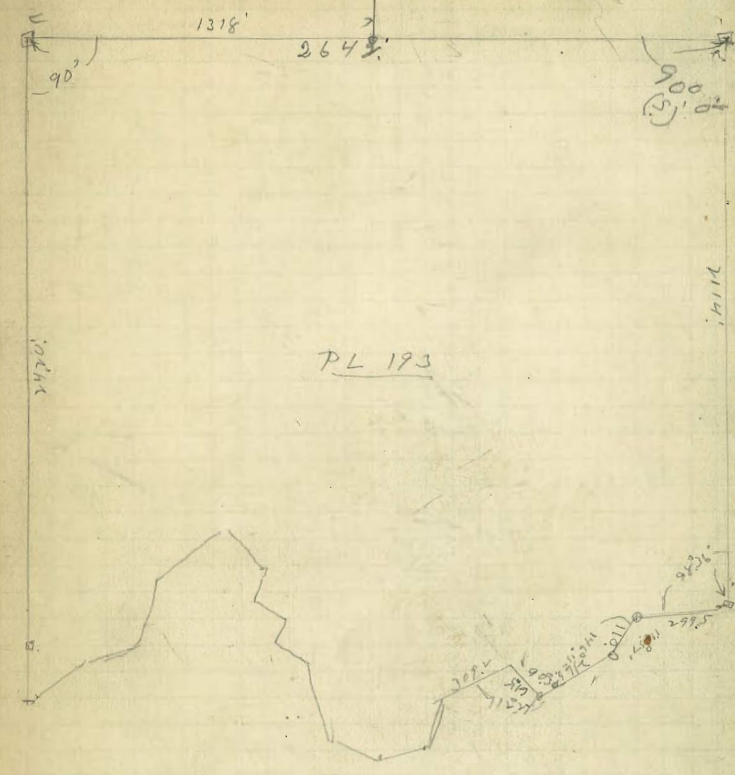
SAN FRANCISCO AND SACRAMENTO
CALIFORNIA

FROM
LORING'S BOOK STORE
SAN DIEGO, CAL.

Survey of Pueblo Lots 192 + 193

Clough
Taylor
Orange





Meander Lines for Share on
Pueblo Lots 193

P

130.1	= NW bor PL 193	∠ 116.32
204.7		∠ 15°.45' L
149.8 ✓		∠ 38°.45' R ✓
327.0 ✓		∠ 24°.03' L ✓
312.3 ✓		∠ 47°.42' L ✓
93.4 ✓		∠ 54°.09' L ✓
102.1 ✓		∠ 76°.05' R ✓
92.5 ✓		∠ 43°.51' L ✓
120.7 ✓		∠ 45°.0' R ✓
379.5 ✓		∠ 55°.05' L ✓
85.6 ✓		∠ 49°.0' R ✓
146.5		∠ 41°.0' R ✓
135.5 ✓		∠ 42°.05' R
309.2 ✓		∠ 63°.40' L
61.5		∠ 68°.33' L
265'		∠ 89°.30' R
110'		∠ 33.45 R
299.5		∠ 61°.19' L
0.0	= SW bor PL 193	∠ 81°.24' R

does not check

1

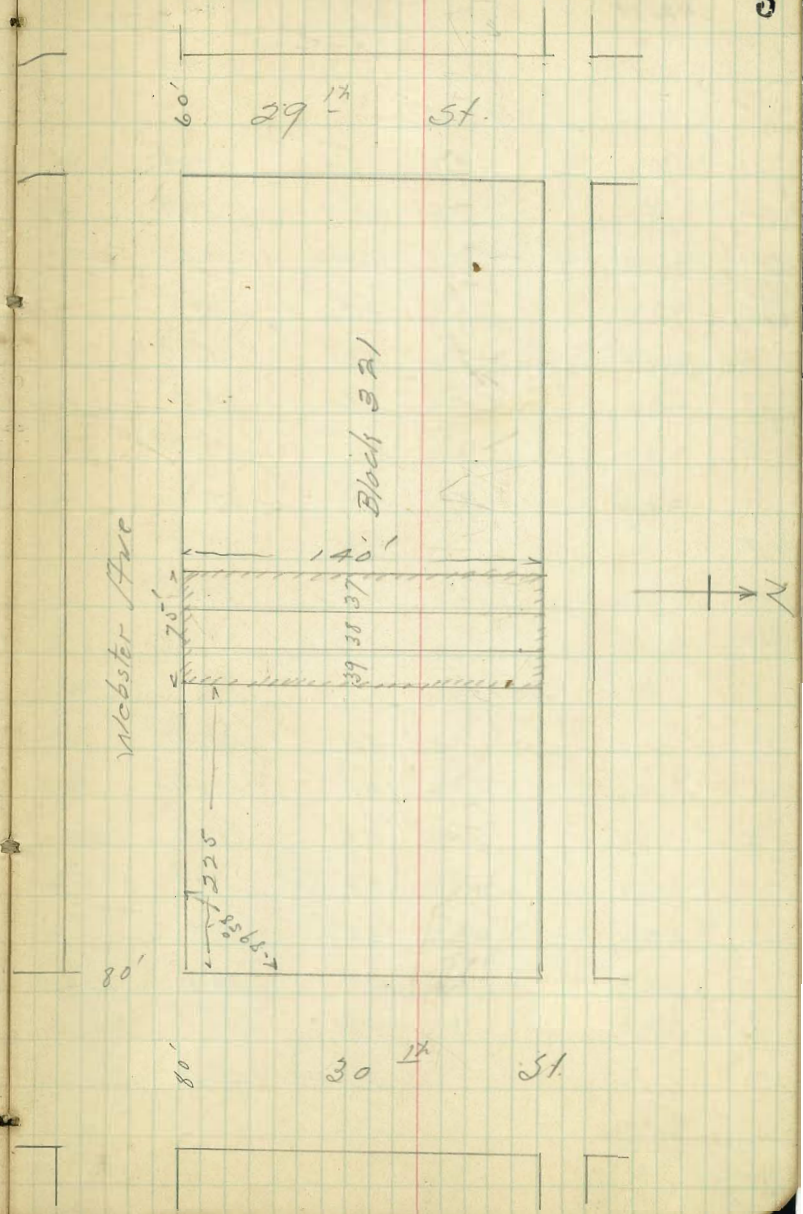
Meander Line for Shore of
Pueblo Lot 192

323.6	= N W bar P L 192	∠114°.52' R
104.0 ✓		26°.50 L ✓
171.1 ✓		∠40°.43' R ✓
82.8 ✓		∠37°.41' L ✓
65.3 ✓		∠49°.40' R ✓
132.5 ✓		∠69°.27' L ✓
228.3 ✓		∠53°.05 R ✓
95.4 ✓		∠18°.40' L ✓
117.2 ✓		∠39°.37' L ✓
163.2 ✓		∠55°.35' R ✓
181.4 ✓		∠114°.12' R ✓
198.6 ✓		∠115°.52' L ✓
78.4 ✓		∠66°.42' R ✓
267.8 ✓		∠103°.53 L ✓
209.3 ✓		∠49°.31' R ✓
277.2 ✓		∠15°.05' L ✓
277.5 ✓		∠16°.10' R ✓
96.2 ✓		∠73°.05' R ✓
187.0 ✓		∠62°.02' L ✓
00	= S W bar P L 192	∠59.22 R ✓

does not plat right

11/30/08 Hatch Moore Deziel

Survey of Lots 37 38 39 Blk. 321 Reed & Daleys Addn.



11/30/08 Hatch Cross-sections of N St
Moore
Deziel from 30th to 16th

Spkinpole
BM 1.98 61.67 59.79 1.

W. 26th

S		2.4	59.3
Cb		3.0	58.7
+31.5	from St. top nail belt line	2.22	59.45
1/4		2.4	59.3
+16	from St. to nail Cuyamaca	2.40	59.27
C		2.6	59.1
+8'		4.1	57.6
1/4		4.4	57.3
+9		4.3	57.4
Cb,		4.3	57.4
N.		3,7	58.0
	25° W.		
N		5,7	56.0
Cb.		4,7	57.0
1/a.		4.7	57.0
+11,		4.0	57.7
C		3.0	58.0
+9		3.5	58.2
1/4		2,6	59.1
Cb		3,3	58.4
S.		2,2	59.5

61.67

50' W.

S.		2.5	59.2
Cb.		3.7	58.0
1/4		2.8	58.9
+8		3.7	58.0
C.		3.3	58.4
+6.		4.5	57.2
1/4		4.8	56.9
Cb.		5.2	56.5
N		5.7	56.0
	75° W.		
N		5.8	55.9
Cb.		5.7	56.0
+14'		5.1	56.6
1/4		5.0	56.7
+10'		5.0	56.7
C		3.6	58.1
+9'		4.2	57.5
1/4		3.1	58.6
Cb		4.2	57.5
S		2.9	58.8
	100' W.		
S		3.2	58.5
+8'		4.0	57.7

61.67

cb	4.4	57.3
1/4	3.2	58.5
+8'	4.2	57.5
Q	3.8	57.9
+6'	5.1	56.6
1/4	5.4	56.3
+6	5.7	56.0
cb.	5.4	56.3
N	6.3	55.4

125' W

N	6.2	55.5
cb	6.2	55.5
+10'	6.2	55.5
1/4	5.7	56.3
+10	5.5	56.2
C	3.8	57.9
+9'	4.4	57.3
1/4	3.4	58.3
+7'	4.7	57.0
cb	4.5	57.2
+13'	4.0	57.7
S	3.3	58.4

61.67

150' W

S	3.5	58.2
cb	4.6	57.1
+9'	4.6	57.1
1/2	3.7	58.0
+9'	4.7	57.0
C	4.0	57.7
+7'	5.8	55.9
1/4	5.6	56.1
+6'	6.6	55.1
cb.	6.6	55.1
N	5.9	55.8

175' W

N	7.9	53.8
cb.	7.9	53.8
+11'	7.8	53.9
1/4	5.9	55.8
+11	5.8	55.9
C	4.3	57.4
+9'	4.8	56.9
1/4	3.9	57.8
+8'	5.0	56.7
cb	4.7	57.0
S	3.9	57.8

61.67

200' W

S	4.2	57.5
cb.	5.0	56.7
+10'	5.2	56.5
1/4	4.0	57.7
+8'	5.0	56.7
C	4.4	57.3
+6'	6.0	55.7
1/4	6.2	55.5
+6'	6.6	55.1
+6'	7.9	53.8
+15'	8.2	53.5
+15'	6.1	55.6
cb	6.1	55.6
+5'	4.1	57.6
N.	4.3	57.4

225' W

N	4.5	57.2
+9'	4.4	57.3
cb	6.8	54.9
+2'	7.0	54.7
+2'	8.4	53.3
+7'	9.3	52.4
+11'	6.6	55.1

6167

1/4	6.4	55.3
+11	6.4	55.3
C	4.6	57.1
+10	5.2	56.5
1/4	4.2	57.5
+10'	5.4	56.3
cb.	5.4	56.3
S.	4.5	57.2

350 W

S	5.0	56.7
+8	5.9	55.8
cb	6.1	55.6
+6'	6.4	55.3
1/4	4.5	57.2
+7'	5.4	56.3
C	4.7	57.0
+5'	6.6	55.1
1/4	6.8	54.9
+10'	6.3	55.4
+12'	9.1	52.6
cb.	8.7	53.0
+5'	7.6	54.1
+5'	4.8	56.9
N	5.0	56.7

	6.67		
	275' W		
N	5.2	56.5	
+ 8'	5.7	56.0	
+ 8'	7.5	53.2	
Cb.	8.6	53.1	
+ 6'	8.6	58.1	
+ 6'	6.6	55.1	
1/4	7.2	54.5	
+ 9'	7.5	54.2	
C	4.9	56.8	
+ 9	6.0	55.7	
1/4	4.9	56.8	
+ 7'	6.5	55.2	
Cb.	7.3	54.4	
+ 12'	6.2	55.5	
S	6.0	55.7	
	300' W		
S	6.6	55.1	
+5	6.8	54.9	
Cb	8.4	53.3	
+ 6'	8.2	53.5	
1/4	5.0	56.7	
+ 7'	6.4	55.3	
C	5.0	56.7	

	6.67		
+ 9'		8.3	53.4
1/4		7.6	54.1
+ 14'		9.0	52.7
+ 15'		7.5	54.2
Cb		7.4	54.3
N		7.9	53.8
	325' W		
N		8.5	53.3
Cb.		9.4	52.3
+ 12'		9.2	52.5
1/4		8.4	53.3
+ 8		8.3	53.4
C		5.5	56.2
+ 9'		6.5	55.2
1/4		5.2	56.5
+ 10		8.6	53.2
Cb.		9.1	52.6
S		7.5	54.2
	350' W		
S		7.6	54.1
+ 9'		9.8	51.9
Cb.		9.8	51.9
+ 4'		9.9	51.8
+ 12		5.4	56.3

	61.67		
1/4		5.3	56.4
+ 9'		6.6	55.1
C		5.5	56.2
+ 8'		8.3	53.4
1/4		9.0	52.7
cb		9.5	52.2
N		9.2	52.5
	375' W		
N		9.7	52.0
cb		9.6	52.1
1/4		9.0	52.7
+ 7'		8.6	53.1
C		6.0	55.7
+ 8'		6.9	54.8
1/4		5.4	56.3
+ 4'		6.0	55.7
+ 12'		10.4	51.3
cb		10.2	51.5
+ 9'		9.9	51.8
S		7.2	54.5
	397 3 W = EL Grant Ave also about		
S		6.6	55.1
+ 12		10.8	50.9
cb.		10.7	51.0

Contract opening s under Tracks

50 3 width of opening under Beltline
17 0 " " " " Cuyamaca.

61.67		
32' from SL = S R Beltline	5.46	56.21
1/4 + 13' " " " Cuyamaca	5.73	55.94
1/4	10.6	51.1
C	10.2	51.5
1/4	10.1	51.6
cb	9.9	51.8
N	9.9	51.8
T.P	6.52	55.15

12 Hatch
2 Moore
08 Dezid

N St.
Beginning at 16th

SE 7 tack 16th N.

BM	1308	24.15		11.07
		E Line 16th		
S			12.6	11.6
cb.			12.6	11.6
1/4			12.2	12.0
30' from S.L. S.R. Belt line			11.96	12.19
cr			11.7	12.5
45' from S.L. S.R. Cuyamaca			11.90	12.25
1/4			11.6	12.6
cb.			11.6	12.6
N			11.3	12.9
		4' E.		
N.			11.3	12.9
cb			11.6	12.6
1/4			11.4	12.8
c			11.2	13.0
1/4			12.1	12.1
cb			11.2	13.0
S			11.8	12.4
		25' E		
N.			10.4	13.8
cb			10.7	13.5
1/4			11.0	13.2
c			11.4	12.8

		24.15		
1/4			11.2	13.0
cb			11.4	12.8
S			11.2	13.0
		50' E		
S			10.4	13.8
cb			10.6	13.6
1/4			10.5	13.7
c			10.9	13.3
1/4			10.3	13.9
+6			9.1	15.1
cb			9.4	14.8
+4			9.3	14.9
N			8.0	16.2
		75' E		
N			6.5	17.7
cb			6.8	17.4
+5			5.2	19.0
+7			8.0	16.2
1/4			10.0	14.2
c			10.4	13.8
1/4			9.9	14.3
+7'			9.2	15.0
cb			9.8	14.4
S			10.0	14.2

24.15

100' E

S	9.2	15.0
Cb	8.9	15.3
+7	8.1	16.1
1/4	9.0	15.2
SR Bell	8.46	15.69
C	9.7	14.5
SR Cuyamaca	8.54	15.61
1/4	9.3	14.9
+3	6.8	17.4
+6	2.1	22.1
Cb	3.5	20.7
N	2.6	21.6
T.P. 6.89 28.92	21.2	22.03

125' E

N	3.8	25.1
Cb.	5.3	23.6
+7	5.2	23.7
1/4	13.2	15.7
C	13.7	15.1
1/4	13.0	15.9
+5	11.7	17.2
Cb.	12.7	16.2
S	13.0	15.9

28.92

150' E

S	11.9	17.0
Cb.	11.5	17.4
+7	10.9	18.0
1/4	12.3	16.6
C	12.6	16.3
1/4	12.3	16.6
+3	10.4	18.5
+6	3.8	25.1
Cb	3.6	25.3
N	2.5	26.4

175' E

N	1.7	27.2
Cb	2.5	26.4
+2	2.8	26.1
+9	10.0	18.9
1/4	11.5	17.4
C	11.9	17.0
1/4	11.4	17.5
+5	9.8	19.1
Cb	10.3	18.6
S	10.5	18.4

1892

200 E = W L. 17th

S	9.8	19.1
cb.	9.5	19.4
+7	9.2	19.7
1/4	10.7	18.2
SR Relt.	10.11	18.81
c	11.5	17.4
3R Cuyamaca	10.08	18.84
1/4	10.7	18.2
+3	9.2	19.7
+6	2,9	26.0
cb.	1.8	27.1
N.	1.5	27.4

W cb. 17th

N	4.3	24.6
cb	3.2	25.7
1/4	10.4	18.5
c	11.0	17.9
1/4	10.2	18.7
+7	9.0	19.9
cb	9.2	19.7
S	8.8	20.1

1892

W 1/4 17th

S	8.7	20.2
cb.	8.6	20.3
+7	8.5	20.4
1/4	9.6	19.3
c	10.4	18.5
1/4	9.9	19.0
cb	4.4	24.5
N	4.8	24.1

Cr 17th

N	5.8	23.1
cb.	6.8	22.1
+8	7.7 9.2	21.2
c	9.6	19.7
1/4	9.0	19.3
+5	8.1 8.2	20.8 20.7
S	8.4	20.5

E 1/4 17th

S	8.4	20.5
cb	7.8	21.1
+7	7.7	21.2
1/4	8.5	20.4
c	8.5	20.4
1/4	8.6	20.3

1892

cb.	7.4	21.5
N	5.8	23.1
E cb.		
N	5.3	23.6
cb.	6.0	22.9
1/4	8.1	20.8
c	8.2	20.7
1/4	8.2	20.7
cb	7.6	21.3
S	8.1	20.8
EL 17"		
S	7.8	21.1
cb	7.8	21.1
1/4	8.0	20.9
SR bell line	7.93	20.99
c	8.2	20.7
SR Cuyamaca	7.05	20.87
1/4	7.6	21.3
+5	6.2	22.7
cb.	5.6	23.3
N.	4.4	24.5

1892

25' E of 17"

TP. 8.70	30.38	7.24	21.68
N.		5.8	24.6
cb		6.2	24.2
+8		8.2	22.2
1/4		9.5	20.9
c		9.5	20.9
1/4		9.2	21.2
cb		9.4	21.0
S		9.2	21.2
50 E			
S		9.3	21.1
cb		9.5	20.9
1/4		9.2	21.2
c		8.7	21.7
1/4		8.8	21.6
cb		6.8	23.6
N		5.9	24.5
75' E			
N		5.2	25.2
cb		5.7	24.7
+10		7.2	23.2
1/4		8.6	21.8
c		8.2	22.2

30.35

1/4	8.6	21.8
cb	9.2	21.2
S	9.4	21.0
100' E		
S	9.6	20.8
cb	9.0	21.4
1/4	8.0	22.4
SR bolt	7.33	2305
C	7.7	22.7
SR Cuyamaca	7.40	22.98
1/4	8.0	22.4
+10	6.2	25.2
cb	6.0	25.4
N	3.6	26.8
125' E		
N	2.9	27.5
cb	4.8	25.6
+5	4.8	25.6
1/4	7.6	22.8
C	7.3	23.1
1/4	7.4	23.0
cb	8.7	21.7
S	9.2	21.2

30.38

150' E

S	8.6	21.8
cb	8.5	21.9
1/4	7.2	23.2
C	6.6	23.8
1/4	7.3	23.1
+7'	4.3	26.1
cb	4.2	26.2
N	2.6	27.8
175' E		
N	2.4	28.0
cb	4.7	26.2
+9'	6.0	25.4
1/4	6.6	23.8
C	6.0	24.4
1/4	6.4	24.0
cb	7.9	22.5
S	8.0	22.4
200' E = W.L. 18"		
S	7.0	23.4
cb	6.9	23.5
1/4	5.9	24.5
SR bolt	5.725	25.13
C	5.2	5.2

30.38

SR. Cuyamaca	5.91	24.97
1/4	6.2	24.2
E	4.5	25.9
S	4.6	25.8
W	3.6	26.8
W cor. 17th		
W	4.7	25.6
S	5.1	25.3
1/4	5.1	25.3
C	5.0	25.4
1/4	5.1	25.3
S	6.2	24.2
S	6.8	23.6
W 1/4 18th		
C	6.3	24.1
S	5.3	25.1
1/4	4.7	25.7
C	4.8	25.6
1/4	4.8	25.6
S	4.7	25.7
W	4.8	25.6

30.35

Cr. 18th

W	4.4	26.0
S	4.4	26.0
1/4	4.5	25.9
C	4.5	25.9
1/4	4.5	25.9
S	5.0	25.4
S	5.9	24.5
E 1/4 18th		
S	5.6	24.8
S	4.8	25.6
1/4	4.4	26.0
C	4.2	26.2
1/4	4.3	26.1
S	4.2	26.2
W	4.1	26.3
E S 18th		
W	4.0	26.4
S	4.0	26.4
1/4	4.1	26.3
C	4.1	26.3
1/4	4.0	26.4
S	4.6	25.8
S	5.5	24.9

12/3/18 Hatch Mary Dezul

	30.38		
	Eb. 18th		
S		5,5	24.9
cb		4.4	26.0
1/c		3.8	26.6
SR Belt		3.77	26.61
C		3.8	26.6
SR Cuyamaca		3.88	26.50
1/c		4.0	26.4
cb		3.6	26.8
N		3.2	27.2
BM brass plug 8.97	35.52	3.83	26.55
	25' E of 18th		
N		6.2	29.3
+4		6.5	29.0
+6		7.8	27.7
cb.		8.0	27.5
1/4		9.1	26.4
C		8,6	26.9
1/4		8.9	26.6
cb		9,3	26.2
S		9.7	25.8
	50' E		
S		7,8	27.7
cb		8,4	27.1
1/4		8.6	26.9
C		8,4	27.1

	35.52		
1/4		8.8	
+5		7.7	27.8
cb		7.2	28.3
N.		6.3	29.2
	75' E		
N		6.2	29.3
cb		6.7	28.8
+9		7.6	27.9
1/4		8.5	27.0
C		8.0	27.5
1/4		7.8	27.7
cb.		7.9	27.6
S		7.6	27.9
	100' E		
S		7,4	28.1
cb		7.4	28.1
1/4		7.5	28.0
SR. belt		7.13	28.39
C		7.7	27.8
SR. Cuyamaca		7.28	28.24
1/4		8.2	27.3
+4		7.6	27.9
cb		6.8	28.7
N.		5.9	29,6

35.52

125' E

N	5.6	29.9
cb.	6.5	29.0
+9'	6.5	29.0
1/4	7.8	27.7
c	7.4	28.1
1/4	7.2	28.3
+5'	8.6	26.9
+10'	7.5	28.0
cb.	7.9	27.6
S	8.5	27.0

150' E

S	9.0	26.5
cb	9.5	26.0
+5	8.7	26.8
1/4	6.7	28.8
c	7.2	28.3
1/4	7.2	28.3
+3'	6.2	29.3
cb	6.4	29.1
N	5.2	30.3

35.52

175' E of 18th

N	4.6	30.9
cb	6.2	29.3
+10'	5.8	29.7
1/4	6.4	29.1
c	6.3	29.2
1/4	6.4	29.1
+5'	8.0	27.5
cb	8.8	26.7
+6	{8.9 / 7.8	6
S	6.8	

200' E of 18th WL 19th

S	6.4	
cb.	7.5	
1/4	6.1	
SR belt.	5.32	30.20
c	5.5	
SR Cuyamaca	5.61	29.91
1/4	6.0	
+3	5.4	
cb	5.7	
N	5.2	

35.5-2

W ch. 19th

N.	5.1
ch.	5.3
1/a	5.3
c	5.1
1/a	5.4
ch	6.1
S	6.4

W 1/a 19th

S	6.1
ch	5.5
1/a	4.8
c	4.6
1/a	4.8
ch	4.6
N	4.7

Cr. 19th

N	4.7
ch	4.1
1/a	4.5
c	4.5
1/a	4.5
ch	5.2
S	5.7

35.5-2

E 1/4 19th

S	5.5
ch	4.6
1/4	4.2
c	4.1
1/4	4.4
ch	4.0
N	4.7

E ch. 19th

N	5.1
+3	3.5
ch	3.8
1/4	4.1
c	4.5
1/4	3.9
ch	4.4
S	5.2

Et 19th

S	5.1	
ch	4.3	
1/4	3.6	
SR. belt	3.88	31.64
C	4.5	
SR Cuyamaca	3.93	31.59

	3552	
1/4		3.9
cb		3.2
N		2.6
"		5.3
	25' E of 19th	
N		1.5
cb.		3.0
+11		3.0
1/4		4.1
c		3.7
1/4		3.4
cb		3.8
S		4.3
	35' E	
S		6.1
cb		4.1
1/4		3.6
c		3.6
1/4		3.8
+ 3'		2.5
cb		2.6
N		0.9

	3552	
	50' E	
N.		0.4
+7		2.1
cb.		2.5
+10'		2.4
1/4		3.6
c		3.4
1/4		3.5
+4'		5.8
cb.		7.5
S		11.3
+7'		14.0
	75' E	
S		13.5
+7		13.4
cb.		11.0
1/4		2.5
c		2.7
1/4		3.2
+3'		1.8
cb		2.1
N		0.2

		35.52		
		100' E of 19th		
N			0.2	
+7'			0.4	
cb			1.7	
+10			1.6	
1/4			2.7	
SR Cuyamaca			1.98	33.54
C			2.3	
SR belt			1.81	33.71
1/4			2.1	
cb			10.5	
+5			12.6	
S			12.5	
T.P	3.69	37.31	1.90	33.62
		125' E		
S			14.0	
cb			13.3	
1/4			3.6	
C			3.6	
1/4			4.0	
+3'			3.0	
cb			3.2	
+9			2.8	
N			1.4	

12/4/58 Hatch Moore Deziel

	37.31	
	150' E of 19th	
N		2.0
cb		2.3
+10		2.4
1/4		3.5
C		3.4
1/4		3.4
cb		11.6
S		13.3
	175' E	
S		12.3
+10		12.0
cb		10.6
1/4		2.9
C		3.0
1/4		2.9
+3		1.9
cb		2.1
+7		1.7
N		4.5
	200' E = W.L. 20th	
N		3.2
+4		2.1
cb		1.8
+10		1.8

37.31

1/4	2.5	
SR belt	1.73	35 58
C	2.8	
SR Ouyamaca	1.73	35 58
1/4	2.6	
+8	5.8	
cb.	6.6	
cb.	8.6	
+11	10.2	
S	8.9	

W cb. 20 th

S	5.0
+5	5.0
	8.6
+12	8.9
cb.	6.4
+8	6.4
1/4	2.4
C	2.7
1/4	2.2
cb	1.9
N	1.8

W 1/4 20 th

N	2.4
cb	2.5
+4	1.6
1/4	2.3
C	2.4

37.31

1/4	2.2
+11	4.0
cb.	7.7
+4	8.0
	6.5
+9	4.2
S	4.3

Cr. 20 th

S	4.0
	3.8
+10	5.9
cb.	6.3
+6	6.5
1/4	1.9
C	2.4
1/4	1.7
+4	2.9
cb	2.6
N	2.2

E 1/4 20 th

N	2.4
cb	2.6
+10	2.8
1/4	2.5
C	2.0
1/4	1.8

	5731			
cb.		4.1		
S		3.8		
	E cb. 30'			
S		4.8		
+8		5.0		
cb.		7.5		
+7		7.4		
1/4		1.6		
C		1.5		
1/4		1.1		
+5		3.0		
cb.		2.8		
N		2.4		
	El. 20.1'			
N		1.3		
cb.		2.0		
+10		1.6		
1/4		0.8		
SR. Cuyamaca		0.06	37.25	
C		1.3		
SR. belt		0.22	37.09	
1/4		1.0		
+8'		5.2		
cb.		9.0		
+6'		9.4		
+8'		5.6		

	3731			
S		5.7		
	10' E of 20'			
S		10.5		
cb.		8.9		
1/4		0.8		
C		1.0		
1/4		0.5		
cb		1.4		
N		0.2		
T.P.	6.25	Az. 13	0.43	3688
	35' E			
N		2.8		
cb.		4.0		
+5		5.4		
1/4		5.0		
C		5.6		
1/4		3.2		
cb		12.5		
+5'		14.1		
S		15.0		
	50' E			
S		12.5		
cb.		9.4		
1/4		4.9		

		42.13		
C			5.1	
1/4			4.5	
+10			5.0	
cb.			+0.1	42.2
N			+0.3	42.4
+P	10.40	48.76	3.77	38.36
		75' E of 20 N		
N.			5.6	
cb.			5.3	
+4'			10.8	
1/4			10.7	
C			11.1	
1/4			11.0	
+7'			9.1	
cb.			10.1	
S			12.5	
		100' E		
S			9.8	
cb			9.3	
+12			8.7	
1/4			10.6	
SR belt			9.86	38.90
C			10.4	
SR Cuyamaca			9.64	39.12

		48.76		
1/4			10.4	
+8'			10.4	
cb.			4.6	
N			3.8	
		125' E of 20 N		
N.			2.3	
cb.			4.0	
+4'			4.1	
+10			10.3	
1/4			9.9	
C			10.3	
1/4			10.3	
+4'			10.8	
+7'			7.8	
cb			8.7	
+11'			9.6	
S			8.7	
		150' E		
S			9.1	
cb			8.9	
+9'			7.7	
+11'			9.8	
1/4			9.9	
C			9.8	
1/4			9.5	

1876

+3	9.7	
+6	4.3	
cb	3.1	
N	2.4	
175' E		
N	3.4	
cb	4.8	
+8	5.4	
+11	9.3	
1/4	9.0	
C	9.2	
1/4	9.2	
cb	8.8	
+6	9.1	
S	11.0	
1260' E of 20th = WL 21st		
S	8.8	
cb	8.0	
1/4	8.6	
SR belt	7.92	40 84
C	8.6	
Man hole	7.46	41.30
SR. Cuyamaca	7.90	40.86
1/4	8.4	
+3	8.9	

1876

+6	6.6
cb	6.3
N	5.0
W cb. 21st	
N.	5.6
cb.	6.2
+7	6.1
1/4	8.1
C	8.5
1/4	8.1
cb	8.0
S	8.6
W 1/4 21st SR	
S	8.4
cb	7.7
1/4	7.5
C	7.9
1/4	7.6
cb	6.2
N	5.3
cr. 21st	
N	4.8
cb	5.7
1/4	7.0

48/76

C	7.2	
1/4	7.2	
cb	7.3	
S	7.9	
	E 1/4 21st	
S	7.5	
cb	6.8	
1/4	7.0	
C	7.2	
1/4	7.2	
	7.0	
+3	6.4	
cb	5.2	
N	4.4	
	E cb. 21st	
N.	3.8	
cb.	4.4	
+7'	4.7	
+10'	5.8	
"	7.6	
1/4	7.1	
C	7.1	
1/4	7.3	
+9	7.1	
+11	6.2	

48/76

cb	6.3		
S	6.5		
	E2. 21st		
S	4.7		
cb.	4.5		
+3	4.6		
+6	7.8		
1/4	7.2		
SR bdt	6.41		42.35
C	6.9		
SR. Cuyamaca	6.47		42.29
1/4	7.1		
+3'	7.0		
+6'	3.2		
cb.	2.6		
	3.3		
N	0.0		
T.R.	6.00	5.41	0.65	48.11
	25' E of	21st	
N.	4.4		
cb.	5.9		
+6	6.9		
+10	12.2		
1/4	11.9		
C	11.9		

54.11

1/4	11.8
+5'	10.7
+8'	8.1
+11	6.8
Cb.	7.1
S	7.5

50'E of 21 ot

S	7.5
Cb.	6.7
+10	8.0
1/4	11.4
C	11.4
1/4	11.6
+3'	11.8
+6'	7.1
Cb.	6.4
+11	3.7
N	3.6

75'E

N	3.8
+4	3.8
Cb.	5.6
+7'	6.8
+10'	11.4
1/4	11.2

54.11

C	11.0
1/4	11.2
+4	9.9
+6	7.7
+10	6.5
Cb.	6.8
S	7.4

100'E of 21 ot

S	7.4
Cb.	6.5
+9'	7.5
1/4	10.5
SR well	9.90
C	10.5
SR Cuyamaca	9.92
1/4	10.6
+3	10.9
+6'	6.8
Cb	5.6
+7'	3.9
N.	3.6

125'E

N	3.6
+8'	2.5
+10	4.2
Cb.	5.1

44 21

44 19

S7.11

+8	7.1
+10	10,6
1/4	10,1
C	10,3
1/4	10.2
+4'	9.4
+6'	7.8
+10'	6,6
cb.	7.1
S.	7.6

150' E

S	8.0
cb.	7.4
+6	7.4
1/4	9.5
C	9.6
1/4	9.8
+3'	10,0
+6'	7.1
+11'	5.7
cb.	5.6
+7	3.6
N	3.7

S7.11

175' E of 21st

N.	4.4
+8'	3.9
cb.	5.9
+8'	7.3
+10'	9.6
1/4	9.2
C	9.2
1/4	9.2
+10'	6.9
cb.	6.8
S	7.9

200' E of 21st - W 22d

S	7.5	
cb.	7.0	
+6	6.8	
1/4	8.5	
SR belt	7.98	46 13
@	8.7	
Man Hole	7.15	46.93
SR Cuyamaca	8.26	45 85
1/4	8.8	
+3'	9.1	
+6'	6.8	

5411

cb.	5.1
N.	5.2 / 3.4
W cb. 22d	
N	5.9
cb.	6.1
+8'	7.2
+10'	8.5
1/4	8.2
C	8.7
1/4	8.5
+10'	6.7
cb.	7.0
S	7.5
XV 1/4 22d	
S	7.5
cb.	6.8
+6 1/4	6.6 / 8.2
C	8.4
1/4	7.7
cb.	6.8
N	6.2
Cr. 22d	
N	5.8
cb.	6.3

5411

1/4	7.5
C	7.3
1/4	7.4
cb	7.0
S	7.4
E 1/4 22d	
S	7.1
cb.	6.8
1/4	7.1
C	7.2
1/4	7.2
cb	6.2
N	5.7
E cb. 22d	
N	5.7 / 4.9
cb.	5.6
1/4	6.9
C	7.3
1/4	6.9
cb.	6.7
S	6.8

		5411		
	EL. 22 d.			
S			6,6	
cb.			6,6	
1/4			7.3	
SR. belt			6.77	47.34
C			7.4	
SR. Cuyamaca			7.06	47.05
1/4			7.4	
+3			8.0	
+6			6.1	
cb			5.4	
S			{4,7 / 3,9	
T.P.	5.94	52.99		47.05
		25' E		
S			5.4	
cb			5.5	
+10			5.4	
1/4			6.0	
C			6.1	
1/4			6.2	
+3			6.6	
+7			4.3	
cb			3.5	
+5			1.4	
N			2,3	

12 Hatch
10 Moore
08 Deziel

		5299	
		50' E	
N			2.1
+7			2.5
+8			3,3
cb.			3.5
+10			4.4
+12			6.3
1/4			6.0
C			5.9
1/4			5.8
+7			5.0
cb			5.2
S			5.0
		75' E	
S			5.5
+6			4.9
cb			4.8
+7			4.5
1/4			5.6
C			5.9
1/4			5.6
+2			6.0
+5			3.5
cb			3.2
+3			3.0

		5299		
+7		1.5		
N		1.6		
		100 E of 22d		
N		1.2		
+8		1.3		
+9		2.3		
ch		2.8		
+8		3.9		
+10		5.7		
1/4		5.4		
SR Cuyamaca		5.07	47.82	
C		5.5		
SR belt.		4.98	48.01	
1/4		5.5		
ch		3.5		
S		4.4		
		125 E		
S		2.4		
ch		2.3		
+9		3.3		
1/4		5.7		
C		5.5		
1/4		5.3		
TP	514	53.29	4.84	48.15

		53.29		
+3		6.0		
+6		3.3		
ch.		2.4		
N.		1.7		
		150 E		
N.		1.7		
ch.		2.2		
+7		8.6		
+10		6.0		
1/4		5.6		
C		5.8		
1/4		5.8		
+3		5.5		
+6		3.0		
ch		2.2		
+5		2.4		
+9		5.6		
S		5.2		
		175 E		
S		5.9		
		5.6		
ch		5.3		
+7		3.1		
+10		5.2		
1/4		5.5		

	5329	
C	5.8	
1/4	5.6	
+2	5.7	
+6	3.4	
cb	2.1	
N	1.6	
	200 E of 22d	
N	2.0	
+6	2.1	
cb	3.3	
+7	4.4	
+10	5.6	
1/4	5.5	
5R. Cuyamaca	5.09	47.90
C	5.7	
5R. belt.	4.88	48.11
1/4	5.6	
cb	5.6	
+4	5.5	
+7	3.2	
S	3.4	
	225 E	
S	4.4	
cb	3.9	

	5329	
+8	5.4	
1/4	5.4	
C	5.6	
1/4	5.4	
+3	5.4	
+7	3.5	
cb	3.3	
+4	2.6	
N	2.3	
	250 E	
N	2.5	
cb	3.4	
+6	4.1	
+10	5.4	
1/4	5.2	
C	5.6	
1/4	5.3	
cb	4.7	
S	5.1	
	275 E	
S	5.5	
cb	4.3	
+6	4.4	
+9	5.0	

	5329			
1/4		5.2		
C		5.4		
1/4		5.1		
+3		5.5		
+7		4.0		
Cb.		4.3		
+2		3.4		
N		2.9		
	300' E of	22		
N		3.1		
+10		3.1		
Cb		4.7		
+10		5.4		
1/4		5.0		
SR Cinnamon C		4.60 5.4	48.69	
SR belt.		4.55	48.74	
1/4		5.2		
Cb.		4.9		
+7		6.0		
S		8.6		
	325' E			
S		12.5		
+6		11.1		
Cb		8.1		

		53.79		
+10			5.5	
1/4			5.3	
C			5.4	
1/4			4.8	
+4			5.3	
Cb.			4.6	
+7			2.6	
N			2.5	
	350' E			
N			2.0	
+5			2.0	
+10			4.0	
Cb			4.4	
T.P.	4.23	53.21	4.31	48.98
+10			4.8	
1/4			4.6	
C			5.3	
1/4			5.1	
Cb			7.6	
+7			8.5	
S			11.6	
S	375' E			
S			12.9	
+10			11.4	

	5321		
cb		9.8	
+9		6.0	
1/4		5.1	
c		4.8	
1/4		4.5	
cb		3.8	
+5		3.2	
+12		1.5	
N		1.6	
	400'E		
N		1.5	
+5		2.4	
+7		4.0	
cb		4.4	
1/4		4.4	
SR Cuyamaca		3.92	49 29
c		4.6	
SR belt		4.04	49.17
1/4		4.8	
+5		5.2	
cb		9.3	
+8		11.6	
S		12.8	

12 Hatch
14 Morel
58 Dezel

5321

4+10.5 E of 22d W.L. 24th (for 80' st)

S	W		12.5	40.7
+3			12.0	
cb			7.0	
+7			4.7	
1/4			5.0	
c			4.8	
1/4			4.3	
cb			4.4	
+10			{1.5 / 3.7	
N			1.3 / 3.8	
T.P.	4.13	53.72	3.62	49.59
		W.L. 24th	(100' st)	
S			13.2	40.5
+5			12.6	
cb			7.0	
+5			5.1	
1/4			5.1	
+10			5.3	
c			4.8	
1/4			5.0	
cb			4.3	
N			4.0	

53.72

W cb. 24th

N	4.5
cb	4.6
1/4	4.8
C	4.7
+7	5.2
1/4	5.1
+10	5.4
cb.	8.1
+10	12.0
S	12.8

W 1/4 24th

S	12.7
cb.	7.6
+7	4.7
1/4	5.0
+10	5.2
C	4.7
1/4	4.6
cb	4.6
N	4.6

Cr. 24th

N	4.5
cb	4.5

53.72

1/4	4.5
C	4.5
+7	5.0
1/2	4.9
+7	4.1
+12	4.5
cb.	6.0
S	12.0

E 1/4 24th

S	11.4
cb	5.5
+6	3.5
+14	4.7
1/2	4.9
+10	5.0
C	4.6
1/2	4.4
cb	4.5
N	4.5

E cb. 24th

N	4.6
cb	4.8
1/4	4.4
C	4.5

53.72

+7	5.0	
1/4	5.0	
+13	4.5	
cb.	6.4	
S	10.4	
El. 24.4		
S	9.9	
cb	5.6	
+8	4.9	
1/4	4.8	
SR belt	4.30	49.42
+10	5.1	
SR Cuyamaca	4.11	49.61
C	4.5	
1/4	4.4	
cb	4.7	
N	4.4	
25' E		
N gutter	5.0	
1/4	4.4	
C	4.3	
+7	5.4	
1/4	4.8	
+13	7.2	

53.72

cb		8.1
S		11.0
50' E		
S		11.5
cb.		11.4
+5		10.9
1/4	bottom	11.4
	top	4.5
	bottom	10.8
+10	top	6.0
	bottom	10.5
C	top	4.2
	bottom	10.5
+10	top	4.8
1/4		4.6
N gutter		5.2
65' E		
N gutter		5.0
1/4		4.5
	top	4.4
+7	bottom	10.6
	bottom	11.0
C	top	4.3
	bottom	11.4
+6	top	5.3
	bottom	11.4
1/4	top	4.6
+10		10.3
cb		10.9
S		11.4

15' Opening under R/R Tracks.

53.72

100' E. of 24th

S	9,1	
Sb.	8,4	
+8	7.9	
1/4	4.4	
SR belt	3,73	49.89
+10	4.4	
SR Cuyamaca	3.53	49.19
Cr	4,0	
1/4	4,3	
N gutter	4,6	

125' E

N gutter	4,4	
1/4	4,2	
C	3,3	
1/4	3.7	
+6	4.2	
Cb.	6.0	
+14	6.7	
S	5.8	

150' E

S	4.7	
Cb	4.0	
1/4	3.8	
+10	4.1	
C	3,6	
1/4	4,1	
N gutter	4,0	

53.72

175' E

N gutter	3,8	
1/4	3.7	
SR Cuyamaca	3.96	50.74
C	3.5	
+7	4.2	
SR belt	3,36	50.36
1/4	3.8	
+7	4.9	
Cb.	4.1	
S	4.5	

200' E

S	4,4	
Sb	5.1	
+8	5.9	
1/4	3.8	
+10	4.0	
C	3.3	
1/4	3.4	
N gutter	3.7	

225' E

N gutter	3,2	
1/4	3.2	
C	3.1	
+7	3.7	
1/4	3.5	

	5372	
+3	4.2	
+9	6.9	
cb.	7.3	
+11	7.2	
S	4.5	
	250' E of 24"	
S	4.2	
+9	7.7	
cb.	6.8	
+9	5.9	
1/2	3.3	
+10	3.5	
C	2.7	
1/4	3.0	
N gutter	2.9	
	275 E.	
N gutter	2.0	
1/4	2.9	
C	2.6	
SR Cuyamaca	2.25	51.47
+7	3.1	
SR belt	2.75	50.94
1/2	3.2	
cb.	5.5	

	53.72	
S	8.4	
	300' E of 24"	
S	7.1	
cb.	6.0	
+11	4.7	
1/4	2.9	
+10	2.7	
C	2.6	
1/2	2.7	
N gutter	2.7	
	325' E	
N gutter	2.4	
1/2	2.4	
C	2.1	
+7	2.5	
1/2	2.9	
+5	4.4	
cb.	4.8	
S	6.4	
	350' E	
S	6.4	
+4	5.9	
cb	2.8	
+8	3.4	

53.72

1/4	2.4	
+10	2.4	
C	2.0	
1/4	2.2	
N gutter	2.2	
375' E of	24th	
N gutter	1.7	
1/4	1.8	
C	1.6	
SR Cuyamaca	1.46	52.26
+7	2.1	
SR belt	1.75	51.94
1/4	2.3	
cb.	2.9	
+6	2.8	
S	6.3	
400' E		
S	8.8	
+5	6.0	
cb.	1.5	
1/4	1.9	
+10	1.8	
C.	1.5	
1/4	1.7	
N gutter	1.6	

53.72

TP 5.62	57.84	1.60	52.22
455' E			
N gutter		6.5	
1/4		6.5	
C		5.6	
+7		5.8	
1/4		5.7	
+15		6.6	
cb.		7.5	
+12		13.3	
S		13.0	
450 E			
S		12.9	
+5		11.7	
cb.		5.8	
1/4		5.5	
+10		5.6	
C		6.3	
1/4		5.1	
N gutter		5.1	
475 E			
N gutter		5.0	
1/4		4.8	
C		5.2	
SR Cuyamaca		4.78	53.06

57.84

+7	5.3	
1/4	5.2	
SR belt	4,96	52.88
cb.	5.7	
+6	6.1	
+15	10.1	
S	12,5	
500 E of 24"		
S	8.0	
+6	6.3	
cb	5.9	
1/4	5.2	
+10	5.3	
C	4.9	
1/4	4.8	
N gutter	4.8	
525 E		
N gutter	4.8	
1/4	4.5	
C	4.9	
+7	5.1	
1/4	4.9	
cb.	5.7	
S	5.9	

57.84

550 E of 24"		
S	5.6	
cb.	5.5	
1/4	5.0	
+10	5.0	
C	4.6	
1/4	4.5	
N gutter	4.4	
575 E		
N gutter	4.2	
1/4	4.3	
C	4.5	
+7	4.8	
1/4	4.8	
cb	5.2	
S	5.6	
600 E of 20" = WL. 25-1/4"		
S	6.9	
+10	5.2	
cb	5.1	
1/4	4.4	
SR belt	4.23	53.61
+10	4.6	
CR	4.3	
SR Cuy and over	4.00	53.84

5784

1/a	4.2		
N gutter	4.0		
Bm Spk in pole	4.60	53.24	53.21
" Plug Rd 26th N	3.46	54.31	

W cb - 25th

N	3.8
cb	4.2
1/a	4.0
cN	4.1
+7	4.4
1/a	4.3
cb	4.8
S	5.7

W 1/4 25th

S	4.1
cb	4.6
1/a	4.2
C	3.9
1/a	3.9
cb	3.8
N	3.8

Cr. 25th

N	3.6
cb	3.6

5784

1/c	3.7
C	3.7
1/a	4.0
cb	4.3
S	4.0

E 1/4

S	4.0
cb	4.4
1/a	4.1
C	3.6
1/c	3.6
cb	3.6
N	3.5

E cb

N	3.7
cb	4.1
1/c	3.9
C	3.6
1/4	4.1
cb	5.7
S	6.1

E 25th

S	4.7
cb	4.9

57.84

1/4	4.0	
SR. bell	3.57	54 27
1/4 +10	3.9	
C	3.7	
SR Cuyamaca	3.42	54 42
1/4	3.8	
Cb.	3.8	
N	3.1	
9.5' E of 25th		
N	2.6	
Cb	3.8	
1/4	3.8	
C	3.5	
+7	3.9	
1/4	3.9	
Cb	4.8	
S	4.6	
34.5' E of 25th		
S	4.1	
Cb	4.5	
1/4	3.5	
C	3.1	
1/4	3.7	
Cb	3.8	

57.84

+12	3.2
N	2.4
59.5 E of 25th	
N	2.8
Cb.	3.8
1/4	3.6
+8	2.9
C	3.2
+7	3.3
1/4	3.2
Cb	4.5
S	4.9
84.5' E of 25th	
S	3.9
Cb	4.2
1/4	3.0
+10	3.5
C	3.0
+10	4.0
1/4	4.2
Cb	3.7
N	3.3

5784

109.5 E of 25th

N	3.4	
cb	4.3	
1/4	4.3	
+7	4.0	
SR Cuyamaca	2.50	55.34
C	2.8	
+7	3.5	
SR belt	2.43	55.41
1/4	3.0	
cb	3.6	
S	3.3	

134.5 E of 25 = 425 W from 26th

S	3.1	
cb	3.4	
+10	3.3	
1/4	2.3	
+10	2.9	
C	2.4	
+6	3.0	
+10	4.7	
1/4	5.3	
cb	3.0	
+12	4.1	
N	2.7	
TP check	2.69	55.15

For Notes 26th 25th See p 4-8 this book.

BM 533 65.12 59.79

W cb 26th

N	7.0
cb	7.3
1/4	7.5
C	5.8
+9	6.1
1/4	5.8
cb	6.4
S	5.9

W 1/4

S	6.4
cb	6.2
1/4	5.6
C	5.7
1/4	6.5
cb	6.9
N	6.3

Cr. 26th

N	5.8
cb	6.5
1/4	6.3
C	5.5
1/4	5.4

	65.12		
cb		6,1	
S		6,1	
	E 1/4 26th		
S		6.1	
cb		6,0	
1/4		5.3	
C		5.5	
1/4		6.2	
cb		6.5	
N		5.8	
	E cb 26th		
N		5.9	
cb		7.0	
1/4		6,3	
+10		8.0	
C		6.2	
		5.6	
+ 8		5.8	
1/4		5.3	
cb		5.9	
S		6.2	
	EL 26th		
S		6,0	
cb		5.9	
1/4		5.3	
SR belt		5.08	60.04
+ 9		5.7	

	65.12		
C		5.4	
SR Cuyamaca		5.17	59 9 5
+ 8		7.0	
+12		6.9	
+15		8.4	
1/4		7.1	
cb		6.6	
+12		6.6	
N		5.5	
	25' E		
N		6.0	
cb		6,3	
1/4		6.9	
+2		8.0	
+6		6.7	
C		5.4	
+8		5.6	
1/4		5.1	
cb		5.8	
S		5.9	
	50' E		
S		5.3	
cb		5.6	
1/4		4.8	
+9'		5.5	

65.12

C	4.9	
+12	6.2	
+14	7.9	
1/4	6.2	
cb	5.8	
N	5.6	
75' E of 26		
N	6.4	
cb	5.7	
1/4	6.2	
+3	8.0	
+7	6.1	
C	4.6	
+8	5.2	
1/4	4.6	
cb	5.4	
S	5.4	
100' E		
S	5.2	
cb	5.4	
1/4	4.4	
5R belt	4.10	60.92
+10	4.9	
5R Cuyamaca	4.13	60.89

65.12

C	4.5	
+9	6.1	
+12	7.5	
1/4	5.8	
cb	5.7	
N	5.3	
125' E		
N	6.5	
cb	5.4	
1/4	5.8	
+3	7.6	
+5	5.8	
C	4.2	
+8	4.4	
1/4	4.2	
cb	5.2	
S	5.1	
150' E		
S	4.2	
cb	5.0	
1/4	4.6	
+9	4.4	
C	4.1	
+9	5.7	

	65.12		
+12		7.3	
1/4		5,5	
cb		5.4	
N		5.7	
	175' E of 26th		
N		5,3	
cb		5,5	
1/4		5.5	
+5		7,1	
+10		5.4	
C		3.9	
+9		4,2	
1/4		3.6	
cb		4.8	
S		4.9	
	200' E of 26th		
S		5,3	
cb		4.8	
SR belt		3.35	61.77
1/4		3,4	
+10		4,1	
SR Cuyamaca		3.36	61.76
C		3.5	
+8		5.3	

	65.12	
+11		7.1
1/4		4.9
cb		5.5
N.		6.1
	225' E of 26th	
N		7.5
cb		6.9
+10		5.9
1/4		4.6
+3		7.0
+8		5.2
C		3.4
+8		4.1
1/4		3.3
+5		4.3
+10		5.9
cb		5.3
S		6.0
	250' E	
S		5.8
cb		5.6
+4		6.9
1/4	top	3.3
	bottom	6.2
+9	top	5.9
	bottom	6.6

	65 12		
C	top	3.4	
	bottom	6.5	
1/4		7.0	
Cb.		7.0	
N		7.4	
	265' E of 26th		
N		5.7	
Cb		6.2	
1/4		4.8	
+8		6.6	
C	top	3.3	
	bottom	6.3	
+8	top	4.4	
	bottom	6.3	
1/4	top	3.1	
	bottom	6.0	
Cb.		6.6	
S		5.8	
	275' E		
S		3.6	
Cb		5.9	
1/4		2.8	
+8		3.6	
C		3.3	
+4		3.8	
+13		3.9	
1/4		4.0	
+6		5.1	

15' Opening under Ry Tracks

65 12		
Cb.	4.5	
N	5.0	
300' E		
N	4.4	
Cb	3.4	
+6	3.0	
1/4	3.8	
+8	6.1	
+12	3.7	
C	2.9	
SR Cuyamaca	2.60	62.52
+8	3.5	
1/4	2.6	
SR Belt	2.52	62.60
+11	4.8	
Cb	5.0	
S	5.1	
325' E		
S	4.2	
Cb	4.3	
1/4	2.5	
+8	3.4	
C	2.7	
+8	3.7	
+10	6.1	
1/4	3.8	

65-12

ob 3.5
N 4.1

350' E of 26th

N 3.6
ob 3.2
1/4 3.5
+7 6.0
C 2.8
+8 2.3
1/4 2.3
ob 3.9
S 4.2

375' E

S 3.1
ob 3.5
1/4 2.2
+8 3.2
C 2.4
+6 3.3
+12 4.2
1/4 3.4
+6 2.6
ob 2.5
N 3.8

65-12

400' E of 26th

N 2.4
ob 2.4
+8 2.2
1/4 3.7
+4 4.2
C 2.3
SR Cuyamaca 2.05 63.04
+6 3.3
1/4 3.0
SR belt. 1.72 63.30
ob 3.2
S 2.6
T.P 4.75 49.65 2.22 62.90

425' E

S 4.6
ob 5.5
1/4 4.9
+12 5.8
C 5.2
+12 5.3
1/4 6.2
+10 4.6
ob 4.8
N 5.1

6765

450'E of 26 N

N	4.6
cb	4.5
+8	4.0
1/a	6.0
+4	4.9
c	5.3
1/a	4.8
cb	5.2
s	5.4

475'E

s	5.2
cb	4.9
1/4	4.7
c	5.4
1/4	4.8
+8	5.6
cb.	4.9
N	4.6

500'E

N	4.2
cb	4.4
+14	5.4
1/4	4.7

6765

SR Cuyamaca	4.20	63.85
c	6.0	
+4	4.7	
SR belt	3.80	63.85
1/4	4.8	
+5	4.2	
cb	5.0	
s	5.6	

525'E

s	6.0
cb	4.7
1/a	4.8
+14	4.4
c	5.9
+7	4.8
1/c	4.5
+4	5.2
cb	3.9
N	4.0

550'E

N	3.8
cb	4.0
1/4	4.6
c s	5.5
+2	4.4

	6765	
1/4		4,5
cb		4.8
S		6,4
	575' E	
S		6,4
cb		5.6
1/4		5.6
+5'		4,4
+14'		4.1
C		5.6
+11		4,1
1/4		4,5
cb		3.9
N		3.1
	600' E of 26th Wh. 27th (a 42.56' st) 10' Curbs	
N		3,3
+10		3.5
cb		5.4
+13		5,2
1/4		4,5
+12		4.2
C		3,8
1/4		4.8
cb		6.1
S		6,6

	6765	
	W cb. 27th	
S		6.6
cb		6,2
1/4		6.0
+7		4.2
C		3.8
+4		5.0
+12'		4.0
1/4		4.4
+5		5.3
cb		4.9
+8		3.2
N		3.4
	W 1/4 27th	
N		3.5
+12		3.8
cb		4.8
+15		5.2
1/4		4.5
+6		4.0
+14		5.1
C		3.9
+8		4.0
1/4		6,4

67.65

cb	6,4
S	6,5

Cr. 27th

S	6.3
cb	6.4
1/4	6.4
+8	4.0
C	3.8
+3	5.2
+11	4.0
1/4	4,5
+3	5.7
cb	4.4
N	3.4

E 1/4 27th

N	3,5
cb	4.3
+9	5.8
1/4	4.5
+6	4.0
+13	5,1
C	3.8
+10	4.2
1/4	6.3

67,65

cb	6.4
S	6.3

E cb 27th

S	6.3
cb	6.3
1/4	6.0
+4	5.7
+9	3.8
C	3.8
+4'	4.8
+13'	3.9
1/4	4.4
+3	5.8
cb	4.6
N	3.5

EL 27th

N	4.3
cb	5.8
+13	5.9
1/4	4.4
+13	4.9
C	3.8
+8	3.5
1/4	6.1

	6765	
cb		6,2
S.		5.7
	EL. 27th	(N. 80' wide)
S		6.2
cb		5.9
+8		3.5
1/4		3,4
+4		4.8
C		3.8
+7		4.5
+9		5.6
1/4		6.0
cb		5.0
N		4.4
	25' E	
N		4.7
cb		5.4
1/4		5.6
+4		5.2
+6		4,2
C		4.2
+7		4,4
1/4		3,1
+7		4.1

	6765	
cb		6.0
S		5.5
	50' E	
S		5.1
cb		5.4
+6		3.5
1/4		3.1
+7		4.2
C		3.6
+7		4.2
1/4		5.7
cb		5.3
N		4.9
	75' E	
N		4.7
cb		5.1
1/4		5.3
+7		4.0
C		3.6
+6		4.2
+10		3.3
1/4		2.7
+9		4.1
cb		4.2
S		4.9

		67.65		
		100' E of 27 = WL Evans		
S			4.2 / 3.1	
cb			3.4	
SR belt			2.41	6V.24
1/4			2.6	
+5			3.2	
+8			4.1	
SR Cuyamaca			3.29	6436
C			3.5	
+7			3.7	
1/4			3.3	
cb			5.0 / 3.0	
N			2.9	
T.P.	5.92	70.45	3.14	6453
		EL Evans		
N			5.7	
+5			6.4	
cb			6.7 / 5.8	
1/4			5.8 / 6.9	
Cr			5.8	
SR Cuyamaca			5.59	6486
+6			6.3	
1/4			5.1	
SR Belt			4.88	65.57
Cb			5.7 / 6.6	
S			5.8	

12/28/08 Hatch Moore Dozier

	70.45	
	25' E.	
S		5.8
cb		5.8
+3'		7.1
+7'		5.8
1/4		5.0
+9		6.1
C		5.6
+8		6.2
+11'		7.8
1/4		8.0
cb		7.5
+10'		7.4
N		5.9
	50' E	
N		6.2
+4		7.3
cb		7.6
1/4		7.6
+5		6.0
C		5.6
+6		5.9
1/4		4.8
+7'		5.6
+12'		6.7

	7045	
cb	5.9	
S	5.5	
	75' E of Evans	
S	4.8	
cb	5.7	
1/4	4.7	
+9	5.9	
C	5.4	
+8	5.8	
1/4	7.2	
cb	7.2	
+11	7.3	
N	5.9	
	100' E	
N	6.4	
cb	6.8	
+7	5.4	
1/4	6.6	
+5'	5.6	
C	5.0	
SR Cuyamaca	4.98	65 47
+6	5.8	
1/4	4.6	
SR Belt	4.25	66.20
+7	5.3	

	7045	
cb	5.5	
S	5.2	
	125' E of Evans	
S	5.1	
cb	5.7	
+5	4.9	
1/4	4.4	
+9	5.7	
C	4.9	
+7	5.5	
1/4	7.1	
cb	6.9	
+7	6.8	
N	5.7	
	150' E	
N	6.2	
cb	6.5	
1/4	7.0	
+5'	5.4	
C	4.7	
+7	5.3	
1/4	4.1	
+9	4.5	
cb	5.6	
S	5.1	

	79.45	
	175' E of Emas	
S	5.6	
Cb.	4.8	
+2	6.1	
+6	4.7	
1/4	4.1	
+7	5.2	
C	4.6	
+7	5.9	
1/4	6.9	
Cb.	5.6	
N.	5.0	
	200' E of Emas = W. Hensley	
N.	4.2	
Cb.	4.9	
+5	6.4	
1/4	6.8	
+5	5.2	
C	4.5	
SR. Cuyamaca	4.97	66 08
+6	5.4	
1/4	4.0	
SR Belt	3.56	66.87
+10	5.7	

	76.45	
Cb.	5.6	
+3	4.7	
S	5.2	
	W Cb Hensley	
S	5.7	
Cb.	5.7	
+7	4.4	
1/4	3.8	
+9	5.4	
C	4.4	
+7	5.1	
1/4	6.8	
Cb.	4.6	
N.	3.6	
	W 1/4 Hensley	
N.	3.2	
Cb.	4.2	
1/4	6.7	
+6	5.0	
C	4.3	
+5	5.1	
1/4	3.7	
+6	4.6	
Cb	6.5	
S	5.8	

7045

Gr. Hensley

S	5.5
Cb.	6.1
+7	4.6
1/4	3.7
+9	5.0
C	4.2
+8	4.8
Cb.	6.1
+8	6.3
Cb.	4.8
N	3.3

E 1/4 Hensley

N	3.1
Cb.	4.3 / 5.2
1/4	6.3
+4	4.8
C	4.4
+6	5.0
1/4	3.7
+7	4.4
Cb	6.3
+6	5.4
S	5.5

7045

E Cb.

S	5.4
+8	5.1
Cb	6.1
+7	4.2
1/4	3.7
+6	4.6
C	4.2
+7	4.8
1/4	6.0
+5	4.4
Cb	4.7
N	3.4

EL. Hensley

N	3.6	
Cb	3.7	
+6	4.4	
1/4	5.5	
+5	4.6	
C	4.1	
SR Cuyamaca	3.8 / 4.5	66. 64
+7		
1/4	3.6	
SR Belt	3.2 / 4.2	64. 21
+7		

70.45

ch	5.7
+6	4.8
S	5.0
25' E of Hemsley	
S	4.6
ch	5.3
+7	4.1
1/4	3.5
+7	4.5
C	4.0
+7	4.3
1/4	5.0
ch	4.0
N	3.4
50' E of Hemsley	
N	3.4
ch	4.1
1/4	5.1
+5	4.3
C	3.8
+8	3.9
1/4	3.1
+7	3.9
ch	3.8

70.45

+5	4.7	
S	4.6	
75' E		
S	4.7	
+7	4.6	
ch	5.6	
+6	3.8	
1/4	3.1	
+6	3.6	
C	3.5	
+8	4.2	
1/4	4.9	
ch	4.4	
N	4.1	
100 E		
N	4.1	
ch	3.6	
	3.4	
+5	4.2	
1/4	5.0	
+5	4.0	
C	3.5	
SR Cajamarca	3.26	67.20
+6	3.9	
1/4	3.1	
SR fault	2.68	67.77
6	3.9	
ch	3.7	

		70.45		
S			5.1	
T.P.	5.31	72.89	2.87	67.58
		125 E of Hensley		
S			7.7	
ob			7.8	
+6			5.9	
1/4			5.4	
+6			6.1	
C			5.7	
+8			6.4	
1/4			7.2	
ob			6.1	
N			5.2	
	N 142.12 S 141.55	E of Hensley = WL 28		
N			5.3	
ob			5.3	
+4			{5.4 6.2	
1/4			7.1	
+5			6.2	
C			5.6	
SR Cuyamaca			5.53	67.36
+6			6.2	
1/4			5.3	
SR Belt			4.87	68.02
+7			6.9	

	72.89	
ob		7.4
S		7.8
	W ob 28	
S		8.2
+7		8.1
ob		7.2
+5		6.0
1/4		5.2
+9		6.4
C		5.6
+8		6.2
1/4		6.8
+8		6.1
ob		4.9
N		4.8
	W 1/4	1
N		4.4
ob		4.4
+3		{4.8 5.8
1/4		6.7
+5		6.2
C		5.6
+6		6.5
1/4		5.0

7289

+7		5.4
cb		7.5
S		8.0
	C 28 1/4	
S		7.8
cb		7.8
+6		5.4
1/4		5.0
+8		6.2
C		5.5
1/4		6.6
+9		5.7 6.4
cb		3.8
N		4.0
	E 1/4 28 1/4	
N		3.7
cb		3.4 4.0
+3		
+8		5.8
1/4		6.3
C		5.5
+6		6.4
1/4		5.0
+8		5.2

7289

cb		7.0	
S		7.4	
	E cb 28 1/4		
S		6.8	
cb		7.0	
+6		5.3	
1/4		4.9	
+7		6.4	
C		5.5	
1/4		4.3	
+9		4.8 3.9	
cb		3.6	
N		3.7	
	E 1/4 28 1/4		
N		3.6	
cb		3.7	
+2		3.8 5.2	
1/4		6.1	
C		5.7	
SR Guyamaca		5.20	67.79
+6		6.1	
1/4		5.0	
SR Blue		4.36	68.34
+6		5.3	

		72.89			
cb			6.8		
S			6.8		
		25' E of 28th			
S			6.9		
cb			5.8		
+6			5.2		
1/4			4.7		
+8			5.8		
C			5.3		
1/4			6.1		
+11			{5.3 / 3.8		
cb			3.4		
N			3.4		
		50' E			
N			3.8		
cb			3.4		
+3			{3.4 / 4.7		
1/4			5.7		
C			5.1		
+7			5.7		
1/4			4.5		
cb			5.4		
+7			{6.0 / 7.1		
S			6.8		

		72.89			
		75' E			
S			6.2		
+7			{7.0 / 6.0		
cb			4.8		
1/4			4.4		
+7			5.6		
C			5.0		
1/4			5.5		
+7			{4.6 / 4.0		
cb			3.6		
N			3.8		
T.P.	498	74.49	3.38		69.51
		100' E			
N			5.6		
cb			5.0		
+3			{5.4 / 6.2		
1/4			7.1		
C			6.4		
SR Cuyamaca			6.35		
+7			6.9		
1/4			5.8		
SR Belt			5.46		
cb			6.2		
SR Spur			6.14		

7449	
+7	{7.2 / 8.2
S	7.5
125' E of 28"	
S	8.2
+7	6.7
cb	6.7
1/4	5.7
+6	6.9
C	6.4
1/4	7.6
+6	{7.4 / 6.6
cb	6.3
N	5.9
150' E	
N	5.9
cb	5.6
+7	{6.6 / 7.2
1/4	7.3
C	6.2
+7	6.8
1/4	5.5
+7	6.2
+10	7.3
cb	7.0

7449	
+7	6.5
S	7.6
175' E	
S	7.0
+7	6.2
cb	7.2
+4	7.5
+6	6.1
1/4	5.4
+7	6.8
C	6.0
1/4	7.2
cb	6.3
N	5.6
200' E	
N	5.2
cb	5.7
+7	{6.1 / 6.7
1/4	7.2
C	6.1
SR Cuyamaca	5.86
+7	6.6
1/4	5.3
+7 S	5.9
SR Belt	4.89

74.49

+9	7.3
cb	7.0
+7	6.3
SR Spur	5.72
S	6.3

225' E

S	6.6
+7	5.8
cb	7.3
+5	5.8
1/4	5.1
+6	6.4
C	6.0
1/4	7.0
+5	6.2
cb	4.7
N	5.1

250' E

N	4.8
cb	5.0
+3	{5.1 / 6.1
cb	6.9
C	5.8
+7	6.3
1/4	5.0

74.49

+7	5.7
cb	7.0
+7	5.6
S	6.5

275' E of 28th

S	6.2
+7	5.5
cb	6.7
+6	5.4
1/4	4.9
+7	6.1
C	5.6
1/4	6.8
cb	4.8
N	5.0

300' E

N	5.4
cb	5.4
+5	{5.6 / 6.1
1/4	6.7
C	5.5
SR Cuyamaca	5.43
+7	6.1
1/4	4.8
SR Belt	4.50
+6	5.3

	74.49	
cb		7.0
+7		5.8
SR Spur		5.21
S		6.0
	325' E of	28"
S		5.7
+7		5.6
cb		6.8
+7		5.2
1/4		4.7
+6		6.1
C		5.4
1/4		6.7
cb		4.3
N		4.6
	350' E	
N		6.1
cb		6.5
1/4		6.4
C		5.3
+7		6.0
1/4		4.6
+7		5.2
cb		6.6
+7		5.4
S		6.1

	74.49	
	375' E	
S		5.8
+7		5.2
cb		6.0
+7		4.9
1/4		4.6
+6		5.9
C		5.0
1/4		6.2
cb		5.8
S		5.8
	400' E	
S		4.8
cb		4.7
1/4		6.0
C		4.9
SR Cuyamaca		4.85
+7		5.7
1/4		4.4
SR Belt		4.00
+6		4.9
cb		5.8
+7		4.8
SR Spur		4.56
S		5.1

74.49
425' E of 28th

S	4.6
+7	4.5
cb	5.4
+8	4.6
1/4	4.3
+7	5.6
c	4.8
1/4	5.9
cb	4.0
N	4.1

450' E

N	3.2
cb	3.4 / 4.4
1/4	5.6
c	4.7
+6	5.4
1/4	4.1
+6	4.6
cb	5.0
+7	4.2
S	4.4

74.49
475' E

S	4.2
+7	4.0
cb	5.2
+6	4.3
1/4	4.1
+7	5.3
c	4.5
1/4	5.5
cb	3.7
N	3.8
T	4+94 = WL 29th (Reeds)
N	4.2
cb	4.0
1/4	5.6
c	4.4
SR Cuyamaca	4.30
+6	5.2
1/4	3.9
SR Belt	3.50
cb	4.8
+7	3.6
SR Spur	3.64
S	4.2
TP 4.16	74.94 371 70.78

22 Hatch
31 moore
18 Jezel

		7+94			
		W ab 29th			
S			4.7		
+7			4.1		
ab			5.4		
+5			4.5		
1/4			4.4		
+6			5.5		
C			4.8		
1/4			5.8		
ab			4.6		
N			5.1		
		W 1/4 29th			
N			5.1		
ab			4.4		
+3			4.1		
1/4			5.6		
C			4.7		
+7			5.5		
1/4			4.2		
+7			4.8		
ab			5.2		
+7			4.1		
S			4.6		

		7+94			
		Ca 29th			
S			4.5		
+7			4.1		
ab			5.2		
+5			4.6		
1/4			4.2		
+6			5.4		
C			4.7		
+7			5.6		
1/4			5.1		
ab			4.1		
N			5.2		
		E 1/4 29th			
N			5.3		
ab			5.1		
1/4			5.4		
+6			5.2		
C			4.6		
+7			5.2		
1/4			4.1		
+7			4.7		
ab			5.1		
+7			4.0		
S			4.5		

1894

E ch 29¼

S	4.8
+7	4.1
ch	5.3
+5	4.6
¼	4.0
+6	5.3
C	4.4
¼	5.6
ch	5.7
N	5.6

EL 29¼ (Rods)

N	5.6
ch	5.7
¼	5.7
C	4.4
+7	5.3
¼	3.9
+7	4.6
ch	5.2
+7	4.0
S	4.9

1894

25 E of 29¼ (Rods)

S	4.8
+7	3.8
ch	5.0
+6	4.3
¼	4.0
+6	5.2
C	4.4
¼	5.7
ch	5.7
N	5.3

¼ E of Rods 29¼

N	5.0
ch	4.8
¼	4.2
C	4.3
+7	4.8
¼	3.5
+7	4.1
ch	4.8
+7	3.8
S	4.2

for 80 rds

TIP	369	74.87		71.18
		44' E of Reeds 29 ½		
S			5.3	
cb.			4.0	
1/4			4.1	
+5'	for 100' St		5.0	
+12'			3.7	
C			4.6	
1/4			5.1	
cb			4.8	
N			4.9	
		69' E		
N			4.6	
cb			4.1	
1/4			4.3	
C			3.8	
1/4			3.8	
cb			4.3	
S			4.4	

	94' E of 29 ½	
S	(H.I. = 74.94)	4.6
+13		5.1
cb		4.3
1/4		5.0
+6		3.5
C		4.4
1/4		4.5
cb		4.0
N		4.7

7494

104' E of 29th

N			4.6	
cb			3.6	
1/4			4.6	
SR Cuyamaca			3.87	
C			4.5	
+7			3.2	
SR Belt			2.97	
1/4			4.9	
+7			4.0	
SR Spur			3.47	
cb			4.9	
S			4.5	
TP	5.60	76.78	3.76	71.18
		125' E		
S			6.3	
cb			7.0	
+6			5.9	
1/4			6.6	
+7			5.4	
C			6.3	
1/4			6.5	
cb			5.8	
N			6.0	

1/4/09

7678

150' E of 29th

N		5.2
cb		4.9
1/4		6.2
C		6.2
+10		5.2
1/4		6.9
+7		6.0
cb		6.9
S		6.2
	175' E	
S		6.1
cb		6.8
+7		5.8
1/4		6.8
+7		5.2
C		6.2
1/4		6.4
cb		5.6
N		5.3
	200' E	
N		5.1
cb		5.6
1/4		6.2

76.78

SR Cuyamaca	5.76
c	6.0
+9	4.8
SR Belt	4.50
1/4	4.8
SR Spur,	5.54
cb	6.5
S	6.4
225' E of 29th	
S	6.3
+9	5.7
cb.	6.8
+5	6.0
1/4	6.7
+7	4.9
C	5.9
1/4	6.0
cb	5.5
N	5.0
250 E	
N	4.5
cb	5.4
1/4	6.1
C	6.1

76.78

+7	4.5
1/4	6.7
+12	6.0
cb	6.9
S	6.7
275 E	
S	6.2
cb	6.7
1/4	6.5
+7	4.8
C	5.8
1/4	5.9
+7	5.5
N	5.2
N	5.3
300 E	
N	5.2
cb	5.1
+12	6.3
1/4	5.8
C	5.4
+10	4.7
1/2	6.7
+10	5.9

	7678	
cb		6.6
S		6.1
	325' E of 29th	
S		6.4
cb		6.6
+5		5.7
1/4		6.5
+7		4.5
C		5.7
1/4		5.7
cb		5.2
N		4.8
	350' N	
N		4.9
cb		5.1
1/4		5.6
SR Cuyamaca		4.42
C		5.5
SR Belt		394
+10		4.6
1/4		6.1
SR Spur.		5.16
cb		5.9
S		5.4

	7678	
	375' E	
S		5.4
cb		6.2
+5		5.5
1/4		6.4
+7		4.5
C		5.0
1/4		4.6
cb		5.1
N		5.1
	400' E	
N		5.1
cb		5.1
1/4		5.3
C		5.3
+13		4.6
1/4		6.2
+7		5.5
cb		6.2
S		5.9
	425' E	
S		5.4
cb		6.1
+5		5.3

	7678	
1/4		6.1
+4		4.7
C		5.2
1/4		5.4
cb		5.0
N		5.0
	450 E of 29th	
N		4.4
cb		5.3
1/4		5.6
SR Cinnamon		4.08
+3		4.7
C		5.4
+13		4.4
SR Belt		3.54
1/4		6.2
SR Spur		4.76
+13		5.2
cb		6.2
S		5.4
	475' E	
S		5.0
cb		6.0
+5		4.8
1/4		{5.7 / 4.2

	7678	
C		5.0
+13		4.6
1/4		5.5
cb		5.1
N		5.1
	500' E	
N		4.9
cb		5.0
1/4		5.2
+4		4.6
C		4.9
1/4		{4.1 / 5.1
+11		4.6
cb		5.9
S		4.9
	525' E	
S		5.2
cb		5.7
+12		4.4
1/4		4.4
C		4.6
1/4		4.9
cb		4.9
N		4.8

7678

550' E of 29th

N	4.2
cb	4.8
1/4	4.7
SR Cuyamaca	3.82
c	4.6
SR Belt	3.22
1/4	4.1
SR Spur	3.80
+7	4.3
cb	5.8
S	5.4

575' E

S	4.5
cb	5.5
+13	3.9
1/4	3.9
C	4.6
1/4	4.6
cb	3.9
N	3.4

7678

600' E

N	3.1
cb	3.7
1/4	4.5
c	4.5
1/4	4.0
+9	5.6
cb	5.8
S	5.2

625' E

S	5.4
cb	5.3
+7	5.3
1/4	4.0
c	4.6
1/4	4.8
cb	4.0
N	3.4

650' E

N	4.0
cb	4.4
1/4	4.8
SR Cuyamaca	3.68
c	4.6

7678

SR. Belt 32.8
+14 4.1
1/4 5.3
cb 5.8
S 5.4
675' E of 39'
S 5.3
cb 5.4
1/4 5.3
+5 3.7
C 4.7
1/4 4.6
cb 4.7
N 4.5
700' E
N 4.5
cb 4.4
1/4 4.4
C 4.5
+12 3.6
1/4 5.6
cb 5.4
S 5.2

7678

725' E of 39' W 30'

S 5.5 713
cb 5.3 715
1/4 4.6 722
+4 5.2 736
SR. Belt 2.90 739
C 3.8 730
SR Diagonal 3.52 733
1/4 4.4 724
cb 5.3 715
N 4.6 722
TP 360 76.68 3.70 731 73.08
W cb. 30'
BM 6.6 78.13 4.65 721.00 719.7
S 6.6 715
cb 6.8 713
1/4 6.8 713
+7 4.8 733
C 5.6 725
+14 5.5 726
1/4 6.4 717
cb 6.3 718
N 6.4 717

1/6/09 Hatch Trowy Dezief

	7813		
	W 1/4 30th		
N		5.7	72.4
cb		5.8	72.3
1/4		5.5	72.6
C		5.4	72.7
+12		4.9	73.2
1/4		6.1	72.0
cb		6.5	71.6
S		6.5	71.6
	Cr. 30th		
S		6.2	71.9
cb		5.8	72.3
1/4		5.0	73.1
C		4.8	73.3
1/4		5.4	72.7
cb		5.4	72.7
N		5.3	72.8
	E 1/4 30th		
N		5.7	72.4
cb		5.8	72.3
1/4		5.3	72.8
C		4.7	73.4
1/4		5.0	73.1
cb		5.9	72.2
S		6.2	71.9

	7813	
	E cb 30th	
S	5.8	723
cb	6.4	717
1/4	6.2	719
+5	4.9	732
C	5.9	722
+12	5.4	727
1/4	6.3	718
cb	6.1	720
N	6.1	720
	EL. 30th	
N	6.2	719
cb	6.3	718
1/4	6.3	718
+5	5.4	727
SR. Cuyamaca	4.72	734
C	5.9	722
SR. Belt	4.20	739
+12	4.9	732
1/4	6.7	714
cb	6.7	714
+9	6.1	
S	6.0	720
		721

7813

25' E of 30+

S	6.4
cb	6.5
1/4	6.6
+5	4.9
C	5.9
+12	5.5
1/4	6.5
cb	6.1
N	6.1

50' E

N	6.2
cb	6,4
1/4	6,4
+4	5.4
C	6.0
+12	4.9
1/4	6.3
cb	6.2
+9	4.8
S	4.7

75' E

S	5.5
cb	5.9
1/4	6.5

7813

+9	4.9
C	6.9
+12	5.2
1/4	6.2
cb	6.0
N	5.8

100' E

N	6.1
cb	6.1
1/4	6.1
+4	5.1
SR Cuyahoga	4.49
C	5.7
SR Belt	4.09
+12	4.8
1/4	6.3
cb	5.8
S	5.7

125' E

S	5.6
cb	5.8
1/4	5.7
+4	4.4
C	5.5
1/4	5.6

78.13

cb		5.6
N		5.9
	150 E of	30th
N		5.5
cb		5.3
1/4		5.4
C		5.4
+10		4.5
1/4		6.0
cb		5.9
S		5.6
	175 E	
S		5.5
cb		5.7
1/4		5.9
+6		5.3
C		5.7
1/4		5.5
cb		5.7
N		5.0
	200 E	
N		4.2 5.1
cb		5.4
1/4		5.5
SR	Cuyamaca	4.25

78.13

℄	5.0
SR Belt	3.87
+8	4.4
1/4	5.8
cb	5.8
S	5.7
	225 E
S	5.5
cb.	5.7
1/4	5.4
+8	4.3
C	4.9
1/4	5.0
cb	4.8
N.	5.2
	250 E
N.	5.2
cb.	4.3
1/4	4.4
C	4.8
+9	4.3
1/4	5.3
cb	5.8
S	5.3

7813

275' E of 30th

S	6.0
cb	5.5
1/4	5.4
+8	4.3
C	4.5
1/4	4.7
cb	5.1
N	4.9

300' E

N	5.3
cb	5.1
1/4	5.0
SR Quyamaca	394
C	4.7
SR. Belt	380
+9	4.4
1/4	5.5
cb	5.7
S	5.5

325' E

S	5.4
cb	5.5
1/4	5.6
+8	4.3

7813

C	4.5
1/4	4.4
cb	5.0
N	5.4

350' E

N	5.3
cb	5.3
1/4	5.4
+4	4.3
C	4.5
+9	4.4
1/4	5.2
cb	5.4
S	5.1

375 E

S	4.8
cb	5.0
1/4	4.7
C	4.4
+12	4.4
1/4	5.2
cb	4.7
N	4.5

7813

400 E of 30-14

N.	4.5
cb	4.7
1/4	5.2
+8	4.2
SR. Cuyamaca	3.58
C	4.00
+4	4.6
1/4	4.0
SR. Belt	3.74
+8	3.1
cb.	4.1
S	3.8

425' E

S	4.8
cb	5.2
1/4	3.9
C	3.6
+9	4.2
1/4	5.1
cb	4.9
N	4.0

7813

450' E

N	4.1
cb	4.6
1/4	4.9
+6	4.2
C	3.8
1/4	4.5
cb	3.6
S	4.6

475' E

S	4.5
cb	3.9
1/4	4.4
C	4.0
1/4	4.7
cb	4.4
N.	4.2

500' E

N	4.5
cb	4.3
1/4	4.3
C	4.3
SR. Cuyamaca	3.15
1/4	4.5

	78.13			
cb		4.4		
s		3.7		
	525'E of 30th			
s		3,0		
cb		4,2		
1/4		3.9		
c		4,1		
1/4		4,4		
cb		2,8		
N		2,8		
	550'E			
N		4,6		
cb		4,5		
1/4		4,3		
c		4.3		
1/4		3.6		
cb		4.4		
s		4.2		
	575'E			
s		4,4		
cb		4.2		
1/4		3,1		
c.		3.7		
1/4		4.0		

	78.13			
cb		4.1		
N		4.0		
	600'E of 30 = W 4		31st	
N		4.5	73.6	
cb		4.4	73.7	
1/4		4.3	73.8	
c		4.2	73.9	
1/4		3.0	75.1	
SR Cuyamaca		2.82	75.3	76.31
cb		3.9	74.2	
s		4.3	73.8	
TP 7.85	81.46	4.52	73.61	
	W cb 31st			
s		7.3	74.2	
cb		7.5	74.0	
1/4		6.6	74.9	
c		7.6	73.9	
1/4		7.7	73.8	
cb		7.6	73.9	
N		7.7	73.8	
	W 1/4 31st			
N		7.8	73.7	
cb		7.5	74.0	
1/4		7.2	74.3	

8146

c	7.3	74.2
1/4	6.9	74.6
cb	7.1	74.4
s	6.9	74.6
Cr. 31st		
s	7.0	74.5
cb	6.9	74.6
1/4	6.3	75.2
c	6.9	74.6
1/4	6.9	74.6
cb	7.2	74.3
N.	7.7	73.8
E 1/4 31st		
N	7.5	74.0
cb	7.0	74.5
1/4	6.9	74.6
c	6.8	74.7
1/4	6.6	74.9
cb	6.6	74.9
s	7.1	74.4
E cb		
s	7.0	74.5
cb	7.0	74.5
1/4	6.8	74.7

8146

c	6.9	74.6
1/4	7.0	74.5
cb	7.2	74.3
N	7.1	74.4
EL 31st		
N	6.4	75.1
cb	6.9	74.6
1/4	7.0	74.5
c	6.8	74.7
SR Cuyamaca	5.98	75.5 75.6
1/4	6.8	74.7
cb	7.0	74.5
s	6.9	74.6
35 E of 31st		
s	6.4	
cb	6.6	
1/4	6.4	
c	6.8	
1/4	7.1	
cb	6.9	
N	6.6	
50 E		
N	7.0	
cb	6.8	

8146

1/4		7.0	
c		6.8	
1/a		6,6	
cb		6.7	
S		7.0	
	75' E of 31		
S		6.4	
cb		6,3	
1/4		6.4	
c		6.8	
1/a		6.9	
cb		6.7	
N		6.8	
	150' E of 31		
N		6.1	
+10		4.9	
cb		4.9	
1/4		6,4	
c		6.8	
SR Cuyamaca		584	75.7
1/4		6,6	
cb		6.2	
S		6.4	
	125' E		
S		6.1	

8146

cb	6.1
1/4	6.5
c	6.7
1/a	6.3
cb	6.4
N	6.6
	150' E
N	5.3
cb	6.3
1/4	6.8
c	6.9
1/4	6.8
+5	{6.9 / 5.9}
cb	5.4
S	5.0
	175' E
S	4.7
cb	4.9
+6	4.7
+10	7.0
1/4	6.6
+10	7.2
c	6.1
1/a S	6.6

8146

ob	6.1
N.	5.5
300' E of 31	
N.	5.6
ob.	5.8
+6	6.9
1/4	6.5
+6	4 2
C	4 2
+6	7.1
1/4	7.0
+6	7 1
+9	4 8
ob.	5.3
S	4.6

Continued in (Sitgreaves) Book 88, P 72

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Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07