

1348

WIS

LEVEL BOOK

No. 3807

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CITY OF SAN DIEGO,  
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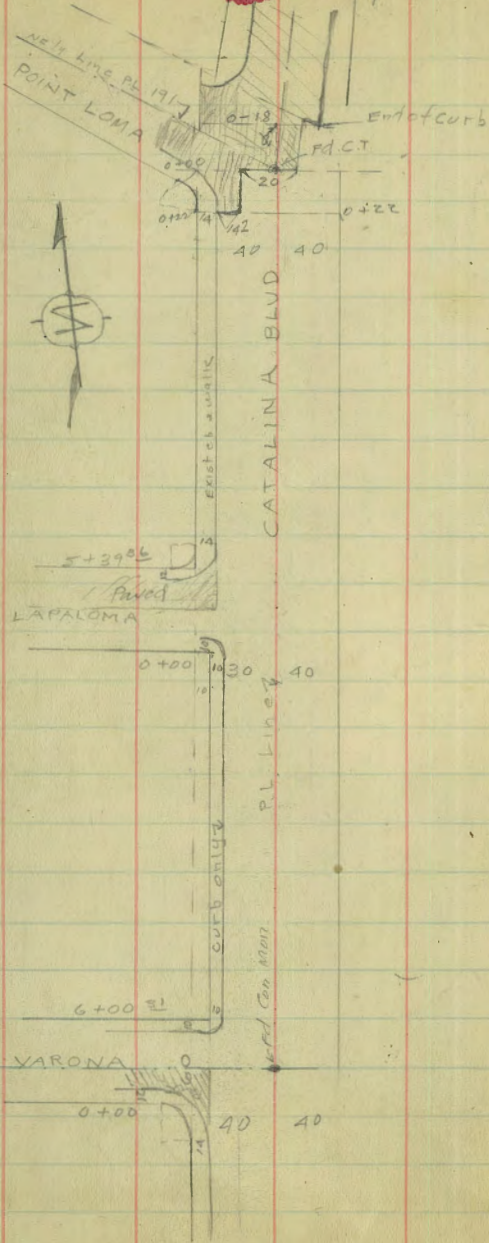
MICROFILMED  
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*This notebook is for 70 6/20/20 H.H.*

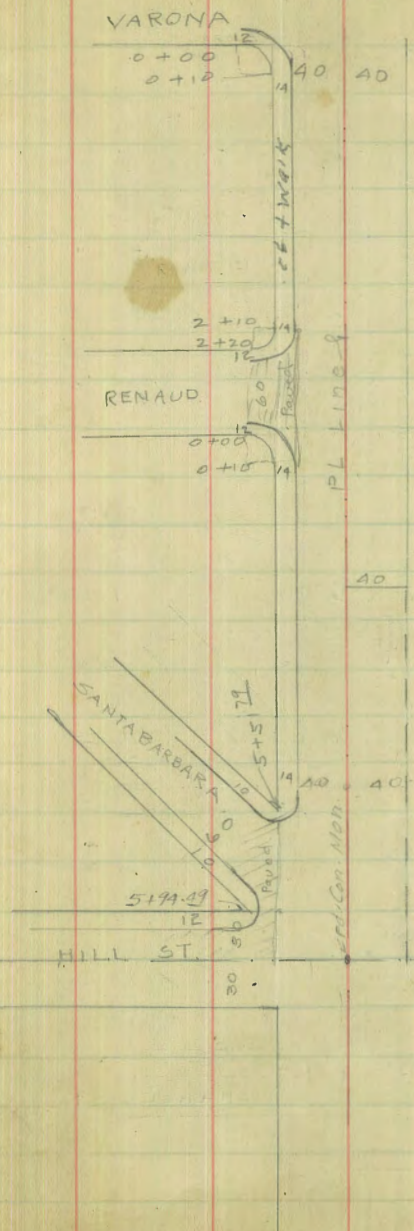
X Sec. Catalina Blvd. to Military Res.	1
" " Aztec, Catalina Blvd & Cortez	57
X Sec of Road Bet. Pl <sup>s</sup> 143 and 104	59
cb levels. 32 <sup>nd</sup> Elm.	63
Landis, Marlborough to 42 <sup>nd</sup>	65
Alley 341 Washington Hts	67-71
" 173 University Heights	72
Reserv SW cor Lot 5 Belknap	Rosecrans Park 79

See index to pp 70 of 2010 Hk

X 3 Catalina Blvd from  
Pt Loma Ave Military Reservation.



5/2/29  
LOWEN



53 77  
29  
57 77

1

HILL ST.

0+00 → 40 40  
9' →

3+58 3/4 →  
3+53 3/4 → 40  
0+00 →

TARBOT ST.

Line of Palms  
trees 4' dia



6+77 3/4  
18 branches  
182  
7+18 65  
146  
9' →  
14' →

6+65  
0+80  
6+90  
Culvert

Drainage Channel

Line of Palms  
4' dia

Pvt. Drive  
12+96  
13+26  
115

15+26 3/4 → 40

CHARLES ST

115

40 30 → 26  
CHARLES  
0+00

Line of Palms  
4' dia

1+40  
1+60

3+00  
0.5  
DUDLEY  
0+00

0.5  
WARNER  
0+00

Private Drive. 0 2+67 2

1.50  
FORT.

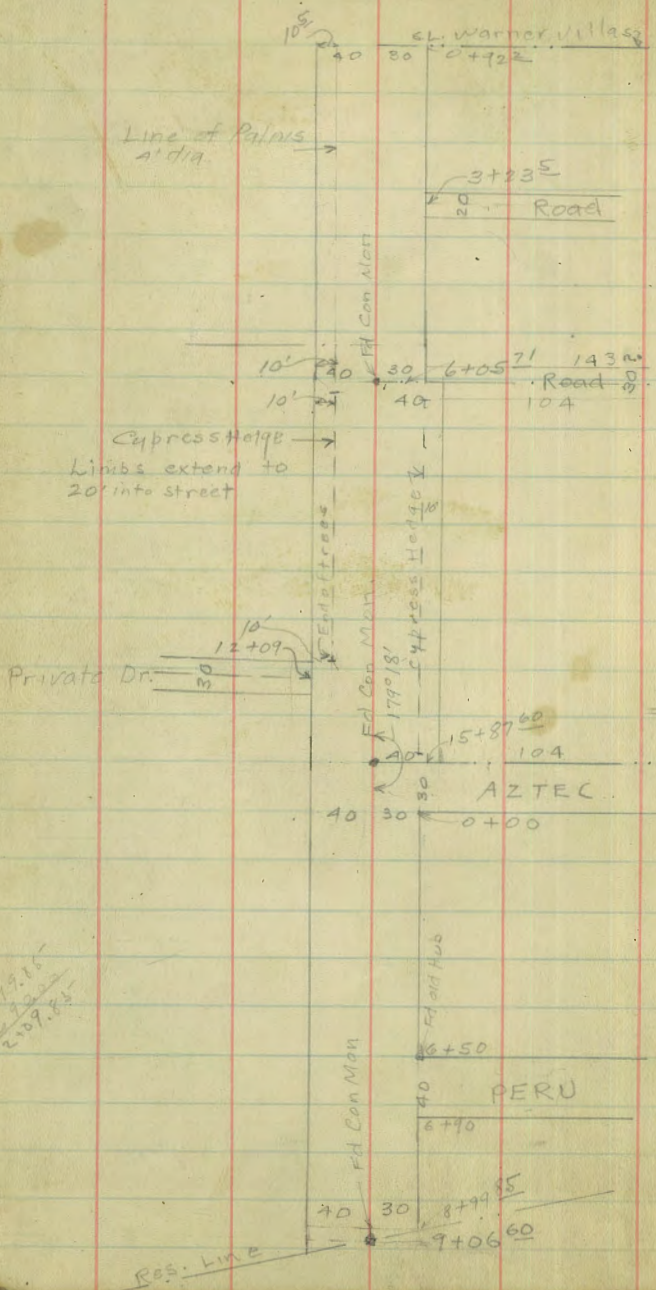
5  
0  
PIO PICO  
0+00

105 240 30 0+12 2

Catalina

X Sec Catalina Blvd.  
70' st 14' cbs 42' Rdway from  
40' West of P.L. Line.

3



B.P.A.W.L. 1929			
B.M.	0.87	235.49	234.62
T.P.	5.98	281.15	10.32 225.17
0-18			
10E		12.4	218.7
EL		12.2	218.9
+2	16 Existeb	12.23	218.92
+2	1st Pav	12.87	218.28
cb		12.7	218.4
+4E	Pav	12.58	218.57
1/4	Pav	12.34	218.81
±	Pav	12.21	218.94
+4	Pav	12.16	218.99
1/4	Pav	11.80	219.35
cb	Pav	10.91	220.24
+7	Pav	10.42	220.73
w.L	Pav	9.45	221.70
0+00			
w.L	Pav	9.46	221.69
cb	Pav	10.29	220.86
1/4	Pav	10.85	220.30
+5	Pav	11.12	220.03
±	Pav	11.20	219.95
1/4	Pav	11.30	219.85
+5	Pav	11.45	219.70
cb		11.7	219.4
+8		11.6	219.5

PLOTTED  
JUNE 4, 29  
DAVIES

199.15  
209.84

0+00			
EL		11.3	219.8
10E	true EL	11.3	219.8
0+02 on sec of Loma Ave.			
wL	Pav	9.44	221.71
wL	to eb	8.75	222.40
0+22 = Bc s.w. rot.			
10E	True EL	9.9	221.2
EL		9.9	221.2
cb		10.5	220.6
1/4		10.4	220.7
±		10.0	221.1
+6 <sup>S</sup>	Pav	9.91	221.24
1/4	Pav	9.87	221.26
gvt	Pav	9.79	221.36
wcb	to eb	9.05	222.10
0+50			
wcb		7.80	223.35
gvt		8.5	222.6
+6		9.2	221.9
1/4		8.8	222.3
+5		8.5	222.6
±		8.6	222.5
1/4		8.9	222.2
cb		9.2	221.9
+2		8.7	222.4
EL		8.6	222.5

0+50			
10E		8.4	222.7
1+00			
10E		6.9	224.2
EL		6.3	224.8
+7		6.3	224.8
cb		7.1	224.0
1/4		6.7	224.4
±		6.4	224.7
1/4		6.7	224.2
+5		7.2	223.9
gvt		6.2	224.9
wcb		5.70	225.45
1+50			
wcb		3.79	227.36
gvt		4.4	226.7
+6		5.7	225.4
1/4		5.4	225.7
+5		4.9	226.2
±		4.9	226.2
1/4		5.1	226.0
cb		5.6	225.5
+9		5.8	225.3
EL		5.2	225.9
10E		4.9	226.2

2+00

10E	4.2	226.9
EL	4.3	226.8
cb	4.1	227.0
1/4	3.9	227.2
+	3.5	227.6
+6	3.5	227.6
1/4	3.8	227.3
+7	4.0	227.1
gut	3.1	228.0
web	2.34	228.81

2+50

web	1.36	229.79
gut	1.9	229.2
+8	2.6	228.5
1/4	2.6	228.5
+	2.4	228.7
1/4	2.9	228.2
cb	3.2	227.9
+8	3.6	227.5
EL	3.2	227.9
10E	3.8	227.3

3+00 231.15

10E	2.7	228.4
EL	2.3	228.8
cb	1.8	229.3
1/4	1.6	229.5
+	1.2	229.9
1/4	1.3	229.8
+6	1.4	229.7
gut	0.7	230.4
web	0.33	230.82
TP	7.54	231.97

3+50

web	6.06	231.91
gut	6.1	231.9
+5	6.7	231.3
1/4	7.0	231.0
+	6.9	231.1
1/4	7.3	230.7
cb	7.6	230.4
EL	8.1	229.9
10E	8.5	229.5



A+00 237.97

10E	7.7	230.3
E.L.	7.3	230.7
cb	6.6	231.4
1/4	6.3	231.7
+	5.7	232.1
1/4	6.0	232.0
+7	5.8	232.2
ret	5.3	232.7
Web	5.06	232.91

A+50

Web	4.30	233.67
ret	4.4	233.6
+7	5.5	232.5
1/4	5.3	232.7
+	5.4	232.6
1/4	5.8	232.2
+8	6.1	231.9
cb	5.8	232.2
E.L.	6.2	231.8
10E	6.7	231.3

5+00

10E	5.8	232.2
E.L.	5.5	232.5
cb	5.8	232.7
1/4	5.3	232.7
+	5.0	233.0
1/4	4.7	233.3
ret	4.1	233.9
Web	3.66	234.31

5+29<sup>37</sup> = B.C. NK ret.

Web	3.37	234.60
ret	4.0	234.0
1/4	4.5	233.5
+	4.6	233.4
1/4	5.0	233.0
+8	5.2	232.8
cb	5.0	233.0
EL	4.8	233.2
10E	4.7	233.3

5439<sup>36</sup> = 237.97  
 NL La Paloma

10E		4.7	233.3
EL		4.3	233.7
eb		4.8	233.2
1/4		5.0	233.0
4		4.5	233.5
1/4		4.1	233.9
+5		4.3	233.7
W eb	Pav	3.95	234.02
+2	gut	3.89	234.08
+2	rob eb on rot.	3.19	234.78
BM		3.36	235.45 235.46

N eb La Paloma

10W	top eb	EC rot.	2.07	235.90
10W gut	Pav		2.69	235.28
WL	Pav		3.21	234.76
eb	Pav		3.62	234.35
1/4			4.0	234.0
4			4.5	233.5
1/4			4.9	233.1
+8			4.9	233.1
eb			4.6	233.4
+5			4.5	233.5
+9			3.6	234.4
EL			4.6	233.4
10E			6.2	231.8

N 1/4 La Paloma

7

10E		8.0	230.0
2E		6.8	231.2
EL		5.3	232.7
+1		4.7	233.3
+5		3.5	234.5
eb		4.3	233.7
+3		4.8	233.2
1/4		4.9	233.1
4		4.5	233.5
1/4		3.8	234.2
eb	Pav	3.50	234.47
W.L.	Pav	2.79	235.18
4	La Paloma		
W.L.	Pav	2.44	235.53
eb	Pav	3.30	234.67
1/4		3.6	234.4
4		4.5	233.5
1/4		4.9	233.1
+9		4.8	233.2
eb		4.5	233.5
+3 <sup>5</sup>		4.4	233.6
+5		3.1	234.9
+10		4.6	233.4
EL		5.8	232.2
10E		7.5	230.5

S'A La Palma 231.97

10E	11.0	227.0
EL	10.1	227.9
+3	5.9	232.1
+10	3.8	234.2
+11	4.7	233.3
cb	4.7	233.3
1/4	4.9	233.1
±	4.5	233.5
1/4	3.5	234.5
cb	2.5	235.5
w.L.	1.1	236.9

S'cb La Palma

w.L.	1.0	237.0
cb	2.5	235.5
1/4	3.5	234.5
±	4.5	233.5
1/4	4.7	233.1
cb	4.9	233.1
+4	3.7	234.3
E.L.	4.9	233.1
10E	6.9	231.0

237.97  
SL La Palma = 0+00

8

10E	5.9	232.1
EL	3.6	234.4
+6	3.2	234.8
+13	4.9	233.1
cb	4.9	233.1
1/4	4.8	233.2
±	4.8	233.7
1/4	3.5	234.5
+15	3.7	234.3
+15 top Exist cb	2.50	235.47
cb	2.2	235.8
+4 true w.L.	2.1	235.9
w.L.	1.2	236.8
TP 11.97 247.65	2.29	235.68
0+50		
w.L.	8.5	239.1
+8	9.6	238.0
+10 true w.L.	10.4	237.2
+12	11.6	236.0
cb	11.7	235.9
+6 top cb	11.88	235.77
+6	12.8	234.8
1/4	12.3	235.3
±	13.0	234.6
1/4	13.6	234.0
cb	14.0	233.6

0+50

+5	13.8	233.8
+6	12.8	234.8
+10	11.8	235.8
EL	12.4	235.2
10E	15.6	232.0

1+00

10E	15.3	232.3
EL	13.1	234.5
+8	11.7	235.9
+9	11.5	236.1
+9	12.8	234.8
cb	13.0	234.6
1/4	12.7	234.9
<del>1/4</del>	12.2	235.4
1/2	11.4	236.2
+45	11.8	235.8
+45 top eb	10.88	236.77
cb	10.8	236.8
+3	10.8	236.8
+4 true w.L.	10.0	237.6
+6	8.4	239.2
w.L.	7.9	239.7

1+50

w.L.	6.8	240.8
+10 true w.L.	7.8	239.8
+10	9.8	237.8
eb	9.9	237.7
+6 top eb	9.96	237.69
+6	10.8	236.8
1/4	10.7	236.9
<del>1/4</del>	11.4	236.2
1/4	11.8	235.8
cb	11.8	235.8
+3	11.8	235.8
+4	10.5	237.1
+6	10.0	237.6
+13	10.3	237.3
EL	10.8	236.8
10E	15.0	232.6

2+00

10E	13.8	233.8
EL	10.1	237.5
+10	10.4	237.2
cb	10.9	236.7
1/4	10.8	236.8
<del>1/4</del>	10.4	237.2
1/4	9.6	238.0
+45	9.9	237.7
+45 top eb	8.65	239.00

2+00		
eb	8.6	239.0
+3	8.4	239.2
+4 true w.L.	7.1	240.5
+6	6.4	241.2
w.L.	5.7	241.9

2+50		
w.L.	4.6	243.0
+9	5.6	242.0
+10 true w.L.	7.1	240.5
+11	7.7	239.9
eb	7.9	239.7
+6 top eb	7.88	239.77
+6	8.8	238.8
1/4	8.4	239.2
±	9.4	238.2
1/4	9.7	237.9
+8	9.8	237.8
eb	8.8	238.8
+10	7.7	239.9
EL	8.8	239.3
16E	9.6	238.0
10E true EL	11.3	236.3

3+00		
10E true EL	9.4	238.2
EL	7.7	239.9
+3	6.8	240.8
eb	8.0	239.6
+12	8.6	239.0
1/4	8.4	239.2
±	8.0	239.6
1/4	7.3	240.3
+4 <sup>5</sup>	7.7	239.9
+15 top eb	6.85	240.80
eb	6.6	241.0
+4 true w.L.	5.9	241.7
+5	4.3	243.3
w.L.	3.4	244.2
3+50		
w.L.	2.0	245.6
+1	2.6	245.0
+10 true w.L.	3.6	244.0
+11	5.0	242.6
eb	5.2	242.4
+6 top eb	5.35	242.30
+6	6.4	241.2
1/4	5.9	241.7
±	6.5	241.1
1/4	6.7	240.7
+9	7.1	240.5

3+50		247.65	
cb		6.3	241.3
+5		6.5	241.1
+8		5.6	242.0
EL		5.5	242.1
IDE		6.8	240.8
4+00			
IDE		5.4	242.2
EL		4.7	242.9
+8		5.3	242.3
+8		7.7	239.9
+10		6.0	241.6
cb		5.7	241.9
1/4		5.3	242.3
±		5.0	242.6
1/4		4.6	243.0
+4.5		5.0	242.6
+4.5	top cb	3.89	243.76
cb		3.8	243.8
T.P.	9.59 257.19	0.05	247.60
+2		13.2	244.0
+4	true WL	11.9	245.3
+7		10.6	246.0
WL		10.1	247.1

11

4+50		257.19	
WL		8.5	248.7
+8		9.0	248.2
+10	true WL	10.4	246.8
+12		11.9	245.3
cb		12.0	245.2
+6	top cb	11.87	245.32
+6		12.9	244.3
1/4		12.8	244.4
±		13.1	244.1
1/4		13.4	243.8
cb		13.6	243.6
+8		13.6	243.6
+4		15.3	241.9
+5		13.4	243.8
EL		13.3	243.9
IDE		13.4	243.8
5+00			
IDE		12.0	245.2
EL		11.8	245.4
+8		12.2	245.0
+8		13.4	243.8
+10		12.2	245.0
cb		12.2	245.0
1/4		11.9	245.3
±		11.6	245.6
1/4		11.2	246.0

5+00		
+4 <sup>S</sup>	11.4	245,8
+4 <sup>S</sup> top eb	10.20	246,99
cb	10.4	246,8
+3	10.4	246,8
+4 true WL	9.0	248,2
+5	7.6	249,6
w.L.	7.1	250,1

5+50		
w.L.	5.4	251,8
+9	6.1	251,1
+10 true WL	7.0	250,2
+11	8.6	248,6
cb	8.8	248,4
+6 top eb	8.59	248,60
+6	9.9	247,3
1/4	9.7	247,5
±	10.2	247,0
1/4	10.5	246,7
cb	11.0	246,2
+6	11.6	245,6
+7	10.2	247,0
E.L.	10.1	247,1
5E	10.0	247,2
7E	9.4	247,8
10E	10.0	247,2

6+00 <sup>3L</sup> = NL Varona		
10E	9.8	247,4
E.L.	8.7	248,5
+11	9.2	248,0
+12	10.0	247,2
cb	9.7	247,5
1/4	9.2	248,0
±	8.7	248,5
1/4	8.2	249,0
+4 <sup>S</sup>	8.1	249,1
+4 <sup>S</sup> top eb	7.11	250,08
cb	6.8	250,4
+4 true WL	6.5	250,7
w.L.	3.9	253,3
NL Varona + 10		
w.L. top Exist eb	6.05	251,14
+10 true WL top Exist eb	6.91	250,28
Ncb Varona		
w.L.	6.0	251,2
+10	6.8	250,4
cb	7.2	250,0
1/4	7.7	249,5
±	8.4	248,8
1/4	8.9	248,3
cb	9.4	247,8
+3	9.5	247,7
+4	8.7	248,5

Neb Varona			
E.L.		8.3	248.9
10E		9.5	247.7
N 1/4 Varona			
10E		9.0	248.2
EL		8.0	249.2
+10		8.5	248.7
+10		9.2	248.0
cb		9.1	248.1
1/4		8.8	248.4
±		8.2	249.0
1/4		7.5	249.7
cb		7.0	250.2
W.L.		5.9	251.3
± Varona			
W.L.	Pav	5.90	251.29
cb	Pav	7.33	249.86
1/4		7.5	249.7
±		8.0	249.2
1/4		8.4	248.8
cb.		8.7	248.5
+3		8.8	248.4
+4		8.2	249.0
E.L.		7.9	249.3
10E		9.2	248.0

S 1/4 Varona			
10E		9.8	247.4
EL		8.2	249.0
+10		7.9	249.3
+11		8.5	248.7
cb		8.5	248.7
1/4		8.2	249.0
±		7.7	249.3
1/4		7.4	249.8
cb	Pav	7.19	250.00
W.L.	Pav	6.09	251.10
S 1/2 Varona			
12W	EL SW rot gut	5.05	252.14
12W	top cb	4.44	252.75
W.L.	Pav	6.22	250.97
cb	Pav	7.25	249.94
1/4		7.1	250.1
±		7.7	249.5
1/4		7.8	249.4
cb		8.2	249.0
+3		8.2	249.0
EL		7.7	249.5
+E		8.5	248.7
SE		8.5	248.7
10E		9.9	247.3



S.L Varona = 0+00

10E	9.8	247.4
5E	8.2	249.0
EL	8.1	249.1
+1	7.3	249.9
+10	7.4	249.8
cb	7.8	249.4
1/4	7.5	249.7
±	7.3	249.9
1/4	6.9	250.3
cb Par	7.20	249.99
+25 gut	7.15	250.04
+25 top eb on ret	6.65	250.54
WL walk	5.68	251.51
0+10 = BC SW ret		
Web	6.45	250.74
gut Par	7.03	250.16
1/4	6.7	250.5
±	7.0	250.2
1/4	7.2	250.0
cb	7.6	249.6
+4	7.3	249.9
+11	7.3	249.9
EL	7.9	249.3
10E	9.6	247.6

0+60 257.19

10E	7.7	249.3
EL	6.6	250.6
+10	5.8	251.4
cb	6.5	250.7
1/4	6.1	251.1
±	5.7	251.5
1/4	6.1	251.1
gut	5.6	251.6
Web	5.15	252.04
or SW Calalina & Varona		
BM 10.09	260.91	6.40 250.79 (250.82)
1+10		
Web	7.64	253.27
gut	8.3	252.6
1/4	8.4	252.5
±	8.3	252.6
1/4	8.5	252.4
cb	8.7	252.2
+1	8.5	252.4
EL	8.5	252.4
10E	9.5	251.4

1460

10E	7.7	253.2
EL	7.1	253.8
cb	7.7	253.2
1/4	7.6	253.3
±	7.8	253.6
1/4	7.5	253.4
gut	7.5	253.4
wcb	6.34	254.57

2+10

wcb	5.18	255.73
gut Pav	5.86	255.05
1/4	6.5	254.4
±	6.3	254.6
1/4	6.6	254.3
cb	6.9	254.0
+6	6.6	254.3
EL	5.8	255.1
10E	6.7	254.2

2+20 = NL Renaud.

10E	6.1	254.8
EL	5.7	255.2
+6	6.4	254.5
cb	6.8	254.1
1/4	6.5	254.4
±	6.1	254.8
1/4	6.2	254.7
cb Pav	5.56	255.35
+2 <sup>±</sup> gut	5.37	255.54
+24 top cb on ret.	4.72	256.19

Sub Renaud

8W top cb Ec. NW ret.	2.84	258.07
8W gut	3.42	257.49
{ Int of gut	4.17	256.74
{ WLnw ret. top cb on ret	3.51	257.40
W.L. Pav	4.13	256.78
cb Pav	5.24	255.67
1/4	5.7	255.2
±	5.9	255.0
1/4	6.3	254.6
cb	6.6	254.3
+5	6.3	254.6
7/2	5.2	255.7
EL	5.4	255.5
10E	6.1	254.8

15

## N/A Renaud

10E		5.9	255.0
EL		5.5	255.4
+7		5.5	255.4
+10		6.4	254.5
eb		6.4	254.5
1/4		6.2	254.7
+		5.8	255.1
1/4		5.5	255.4
eb	Pav	5.01	255.90
W.L.	Pav.	3.85	257.06
+ Renaud.			
W.L.	Pav	3.62	257.29
cb	Pav	4.89	256.02
1/4		5.4	255.5
+		5.7	255.2
1/4		6.1	254.8
cb		6.3	254.6
+5		5.9	255.0
+7		5.6	255.9
EL		4.9	256.0
10E		5.8	255.1

## S/A Renaud

10E		5.6	255.3
EL		5.7	255.2
eb		6.2	254.7
1/4		6.0	254.9
+		5.6	255.3
1/4		5.3	255.6
cb	Pav	4.83	256.08
W.L.	Pav.	3.62	257.29
Sch Renaud			
8W	+ob eb Ec swret	2.31	258.60
8W	gut	2.95	257.96
W.L.		3.72	257.19
{ Int of	gut	3.71	257.20
{ W.L. e			
{ S.W. ret	+ob eb	3.08	257.83
cb	Pav	4.81	256.10
1/4		5.1	255.8
+		5.4	255.5
1/4		5.7	255.2
cb		5.9	255.0
EL		5.1	255.8
10E		5.6	255.3

S.L. Renaud = 0+00

10E		5.5	255,4
EL		5.1	255,8
+6		5.0	255,9
+8		5.5	255,4
cb		5.7	255,2
1/4		5.5	255,4
±		5.2	255,7
1/4		5.1	255,8
cb	Par	4.80	256,11
+2 <sup>3</sup>	gut	4.75	256,16
+2 <sup>2</sup>	top cb on sw ref.	4.16	256,75
0+10 = B.C. sw ref.			
Web		4.10	256,81
gut	Par	4.74	256,17
1/4		5.0	255,9
±		5.0	255,9
1/4		5.3	255,6
+9		5.5	255,4
cb		5.1	255,8
+5		5.5	255,4
EL		4.8	256,1
10E		4.9	256,0

0+50

10E		4.2	256,7
5E		4.7	256,2
EL		4.0	256,9
+10		4.6	256,3
cb		4.5	256,4
+1		4.8	256,1
1/4		4.6	256,3
±		4.3	256,6
1/4		4.3	256,6
+6		4.7	256,2
gut		4.6	256,3
Web		3.52	257,39

1+00

Web		2.71	258,20
gut		3.4	257,5
1/4		3.5	257,4
±		3.5	257,4
1/4		3.8	257,1
+8		3.9	257,0
cb		3.4	257,5
+5		3.7	257,2
EL		3.1	257,8
10E		3.5	257,4

17

1450	260.91		
10E		2.8	258.1
E.L		2.4	258.5
+5		2.7	258.2
+10		3.4	257.5
cb		2.8	258.1
+2		3.3	257.6
1/4		3.0	257.9
±		2.8	258.1
1/4		2.8	258.1
gut		2.4	258.5
web		1.93	258.98

2400			
web		1.17	259.74
gut		1.9	259.0
1/4		2.2	258.7
±		2.2	258.7
1/4		2.4	258.5
+8		2.6	258.3
cb		2.3	258.6
EL		2.3	258.6
10E		2.3	258.6
T.P.	2.78	263.52	0.17 260.74

2450	263.54		
web		3.32	260.20
gut		3.4	260.1
+3		4.8	258.7
1/4		4.5	259.0
±		4.4	259.1
1/4		4.6	258.9
+8		4.7	258.8
cb		4.1	259.4
+4		4.6	258.9
EL		4.0	259.5
10E		4.3	259.2

3400			
10E		3.7	259.8
E.L		3.3	260.2
+10		4.2	259.3
cb		3.8	259.7
+4		4.5	259.0
1/4		4.5	259.0
±		4.3	259.2
+5		4.3	259.2
1/4		4.6	258.9
+5		5.0	258.5
+9		4.3	259.2
gut		3.6	259.9
web		3.39	260.13

3+50

web	3.72	259.80
got	3.7	259.8
+2	4.7	258.8
+4	5.0	258.5
1/4	4.6	258.9
+	4.5	259.0
1/4	4.7	258.8
+8	4.8	258.7
cb	4.2	259.3
+4	4.8	258.7
+9	3.9	259.6
EL	4.2	259.3
10E	4.0	259.5

4+00

10E	3.9	259.6
7E	4.6	258.9
EL	4.5	259.0
+5	4.5	259.0
+11	5.0	258.5
cb	4.4	259.1
+2	5.2	258.3
1/4	5.1	258.4
+	4.8	258.7
1/4	4.9	258.6
+7	5.2	258.3
+9	5.1	258.4

4+00

got	4.5	259.0
Web	4.05	259.47
4+50		
Web	4.36	259.16
got	4.7	258.8
+2	5.3	258.2
1/4	5.2	258.3
+	5.2	258.3
1/4	5.4	258.1
+9	5.5	258.0
cb	4.6	258.9
+3	5.4	258.1
+9	4.6	258.9
EL	4.6	258.9
10E	4.7	258.8

5+00

10E	5.3	258.2
EL	4.6	258.9
+5	4.7	258.8
+11	5.5	258.0
cb	5.1	258.4
+12	5.7	257.8
1/4	5.6	257.9
+	5.5	258.0
1/4	5.3	258.2

5+100		
+6	5.1	258.4
+8	5.4	258.1
gut	5.2	258.3
web	4.66	258.86
5+57 <sup>II</sup> - N <sup>1</sup> / <sub>4</sub> line Santa Barbara		
w.L.+B top cb on rot.	4.50	259.07
gut	4.5	259.0
cb	4.4	259.1
1/4	5.1	258.4
+	5.4	258.1
1/4	5.7	257.8
+9	5.8	257.7
cb	5.1	258.4
+1	5.6	257.9
+10	5.7	257.8
EL	5.1	258.4
10E	6.3	257.2
5+60 <sup>3</sup> = Int w.L. = NW. rot. to Santa Bar.		
10E	6.4	257.1
4E	6.3	257.2
E.L.	5.4	258.1
+5	5.1	258.4
+13	5.7	257.8
cb	5.2	258.3
+2	5.8	257.7

5+60 <sup>2</sup>		
1/4		5.8 257.7
+		5.4 258.1
1/4		5.0 258.5
cb		4.6 258.9
w.L. Pav		4.17 259.35
w.L. top cb		3.62 259.90
5+94 <sup>49</sup> = HL - Hill st		
w.L. Pav		4.51 259.01
cb		4.3 259.2
1/4		4.7 258.8
+		5.3 258.7
1/4		5.8 257.7
cb		6.0 257.5
+5		5.4 258.1
EL		5.5 258.0
10E		6.4 257.1
Neb Hill		
10E		6.6 256.9
EL		5.5 258.0
+9		5.4 258.1
+11		6.1 257.4
cb		6.0 257.5
1/4		5.9 257.6
+		5.3 258.2
1/4		4.8 258.7
+5		4.6 258.9

Neb Hill.

eb		4.8	258.7
wL	Pav	4.78	258.74
N'4 Hill			
wL	Pav	5.17	258.35
eb		5.2	258.3
1/4		4.9	258.6
+		5.3	258.2
1/4		5.9	257.6
eb		6.0	257.5
+4		6.1	257.4
+5		5.3	258.2
EL		5.5	258.0
10E		6.1	257.4
+ Hill.			
10E		5.9	257.6
EL		5.5	258.0
+9		5.4	258.1
+10		6.2	257.3
eb		6.1	257.4
1/4		5.9	257.6
+		5.4	258.1
+6		5.3	258.2
1/4		5.8	258.2
eb		5.4	258.1
+10		5.2	258.3
wL.	Pav	5.45	258.07

21

S'4 Hill

wL		5.1	258.4
+7		5.2	258.3
eb		5.6	257.9
1/4		5.6	257.9
+		5.5	258.0
+5		5.5	258.0
1/4		5.9	257.6
eb		6.1	257.4
+3		6.3	257.2
+4		5.8	257.7
+8		5.4	258.1
EL		5.5	258.0
7E		5.7	257.8
10E		6.5	257.0
S'eb Hill			
10E		5.2	258.3
4E		7.1	256.4
EL		5.5	258.0
+10		5.6	257.9
+11		6.4	257.1
eb		6.2	257.3
1/4		5.9	257.6
+5		5.6	257.9
+		5.6	257.9
1/4		5.6	257.9
eb		5.5	258.0



S cb Hill

+4	5.3	258.2
WL	5.0	258.5
S.L Hill = 0+00		
WL	5.4	258.1
cb	5.4	258.1
1/4	5.9	257.6
+	5.8	257.7
1/4	5.9	257.6
cb	6.3	257.2
+2	6.3	257.2
+4	5.5	258.0
EL	5.5	258.0
10E	6.1	257.4
0+50		
10E	5.9	257.6
EL	5.5	258.0
+12	5.6	257.9
+13	6.3	257.2
cb	6.3	257.2
1/4	6.2	257.3
+	6.1	257.4
1/4	5.7	257.8
+5	5.9	257.6
cb	5.7	257.8
WL	5.4	258.1

1+00 263.52

WL	5.5	258.0
cb	5.6	257.9
1/4	5.9	257.6
+	6.1	257.4
1/4	6.2	257.3
cb	6.3	257.2
+2	6.3	257.2
+5	5.3	258.2
EL	4.8	258.7
10E	5.6	257.9

1+50

10E	5.3	258.2
3E	5.2	258.3
EL	4.4	259.1
+5	4.6	258.9
+11	5.4	258.1
+13	6.1	257.4
cb	6.1	257.4
1/4	6.0	257.5
+	5.9	257.6
1/4	5.8	257.7
cb	5.4	258.1
W.L	5.2	258.3

B.P. NW California Santa Barbara  
B.M.

2.86 260.66 (260.68)

263.54

T.P. 8.67 266.07 6.14 257.40

2+00 266.07

wL	7.3	258.8
cb	7.6	258.5
1/4	7.9	258.2
<del>1/4</del>	8.1	258.0
1/4	8.2	257.9
cb	8.1	258.0
+4	8.1	258.0
+3	7.5	258.6
EL	6.7	259.4
IDE	6.8	259.3

2+50

IDE	6.5	259.6
EL	6.1	260.0
+6	5.8	260.3
+9	7.6	258.5
cb	7.6	258.5
1/4	7.2	258.9
<del>1/4</del>	7.0	259.1
1/4	6.9	259.2
cb	7.2	258.9
w.L.	7.2	258.9

3+00

wL	5.8	260.3
cb	5.9	260.2
1/4	5.7	260.4
<del>1/4</del>	5.9	260.2
1/4	5.9	260.2
cb	5.8	260.3
EL	5.9	260.2
IDE	6.1	260.0

3+33<sup>74</sup> = NL Talbot

IDE	5.2	260.9
EL	5.1	261.0
cb	4.9	261.2
1/4	5.0	261.1
<del>1/4</del>	5.0	261.1
1/4	4.9	261.2
cb	5.1	261.0
wL	5.0	261.1

3+53<sup>74</sup> = ~~1/4~~ Talbot.

wL	4.5	261.6
cb	4.7	261.4
1/4	4.6	261.5
<del>1/4</del>	4.8	261.3
1/4	4.7	261.4
cb	4.7	261.4
EL	4.8	261.3
IDE	5.1	261.0

23

55+66<sup>32</sup>

55+46<sup>32</sup>

3+73<sup>24</sup> = 0+00 = 5L Talbot. 55+26<sup>32</sup>

1+00

24  
54+26<sup>32</sup>

10E	5.6	260.5
EL	5.2	260.9
cb	4.8	261.3
1/4	4.9	261.2
±	5.0	261.1
1/4	5.2	260.9
+6	4.5	261.6
cb	4.4	261.7
WL	4.0	262.1

10E	8.1	258.0
EL	7.8	258.3
+3	8.6	257.5
+8	7.8	258.3
+10	8.4	257.7
cb	8.2	257.9
1/4	7.9	258.2
±	7.9	258.2
1/4	7.7	258.4
cb	6.1	260.0

0+50

54+76<sup>32</sup>

WL	4.1	262.0
cb	4.5	261.6
1/4	5.8	260.3
±	6.2	259.9
1/4	6.1	260.0
cb	6.5	259.6
+11	7.0	259.1
EL	6.2	259.9
10E	6.3	259.8

WL	5.4	260.7
----	-----	-------

1+50

53+76<sup>32</sup>

WL	7.7	258.4
cb	8.0	258.1
1/4	9.6	256.5
±	9.9	256.2
1/4	9.8	256.3
cb	10.0	256.1
+4	10.1	256.0
+5	9.5	256.6
+11	10.6	255.5
EL	9.9	256.2
10E	10.0	256.1

2+00

10E	12.8	253.3
EL	12.1	254.0
+5	12.1	254.0
+10	11.1	255.0
+11	12.0	254.1
cb	11.9	254.2
1/4	11.7	254.4
⊖	11.8	254.3
+5	11.9	254.2
1/4	11.6	254.5
cb	10.9	255.2
w.L.	10.3	255.8

53+26<sup>32</sup>

2+50

w.L.	12.8	253.3
+10	12.6	253.5
cb	13.1	253.0
1/4	13.2	252.9
+8	13.1	253.0
+5	13.7	252.4
⊖	13.5	252.6
1/4	13.4	252.7
cb	13.6	252.5
+2	13.6	252.5
+4	12.7	253.4
+9	13.6	253.5
EL	13.6	253.5

52+76<sup>32</sup>

2+50 266.07

10E	14.1	252.0
T.P. 0.40	12.95	253.12
3+00		
10E	2.5	251.0
EL	2.2	251.3
+4	2.6	250.9
+11	1.4	252.1
+14	2.3	251.2
cb	2.3	251.2
1/4	2.2	251.3
⊖	2.4	251.1
+6	2.5	251.0
+7	2.1	251.4
1/4	2.2	251.3
cb	2.4	251.1
w.L.	2.3	251.2

25  
52+76<sup>32</sup>

3+50

w.L.	3.5	250.0
cb	3.7	249.8
+8	3.8	249.7
1/4	3.5	250.0
+3	3.2	250.3
+5	3.8	249.7
⊖	3.7	249.8
1/4	3.4	250.1
cb	3.5	250.0

51+76<sup>32</sup>

3+50 253.52

+15	3.4	250.1
+25	2.8	250.7
+7	3.1	250.4
+10	3.7	249.8
E.L.	3.3	250.2
10E	3.3	250.2

51+76 <sup>32</sup>

4+50

WL	4.4	249.1
cb	4.6	248.9
1/4	5.7	247.8
+3	5.6	247.9
+4	6.1	247.4
±	5.8	247.7

26  
50+76 <sup>32</sup>

A+00

10E	3.6	249.9
EL	3.6	249.9
+4	4.7	248.8
+8	4.2	249.3
+13	4.1	249.4
cb	4.7	248.8
1/4	4.6	248.9
±	4.8	248.7
+7	4.9	248.6
+8	4.4	249.1
1/4	4.5	249.0
+3	4.6	248.9
cb	4.0	249.5
WL	4.2	249.3

51+26 <sup>32</sup>

1/4	5.6	247.9
cb	5.8	247.7
+2	5.8	247.7
+3	5.1	248.4
+11	5.5	248.0
EL	4.0	249.5
10E	3.7	249.8

5+00

50+26 <sup>32</sup>

10E	4.4	249.1
EL	5.5	248.0
+3	6.6	246.9
+12	6.1	247.4
+13	6.8	246.7
cb	6.8	246.7
1/4	6.8	246.7
±	7.0	246.5
+7	7.1	246.4
+8	6.6	246.9
1/4	6.8	246.7
cb	5.5	248.0

5+00  
 +4 5.0 248.5  
 W.L. 5.0 248.5  
 5+50  
 W.L. 6.5 247.0  
 +10 6.6 246.9  
 e b 7.0 246.5  
 1/4 7.9 245.6  
 +2 7.7 245.6  
 +3 8.3 245.2  
 † 8.2 245.3  
 1/4 7.9 245.6  
 e b 7.9 245.6  
 +1 7.9 245.6  
 +2 7.2 246.3  
 +5 7.3 246.2  
 +11 8.0 245.5  
 E.L. 7.0 246.5  
 10E 7.0 246.5

50+26 32

49+76 32

6+00  
 10E  
 E.L.  
 +4  
 +7  
 e b  
 +1  
 1/4  
 †  
 +7  
 +8  
 1/4  
 +7  
 e b  
 W.L.  
 6+50  
 W.L.  
 e b  
 1/4  
 +3  
 +4  
 †  
 1/4  
 +9.5  
 e b  
 +1

8.9 244.6  
 8.9 244.6  
 9.0 244.5  
 8.2 245.3  
 8.0 245.5  
 9.0 244.5  
 9.1 244.4  
 9.3 244.2  
 9.3 244.2  
 8.9 244.6  
 9.1 244.4  
 8.9 244.6  
 9.1 244.4  
 9.1 244.4  
 8.6 244.9  
 9.2 244.3  
 9.7 243.8  
 9.6 243.9  
 10.0 243.5  
 9.9 243.6  
 10.0 243.5  
 9.8 243.7  
 9.2 244.3  
 9.1 244.4

27  
 49+26 32

48+76 32

	6+50	253.52	
E.L		10.0	243.5
10E		11.0	242.5
7+00			
10E		10.7	242.6
EL		10.7	242.6
+11		9.3	244.7
cb		9.3	244.2
+1		10.0	243.5
1/4		9.8	243.7
±		9.8	243.7
1/4		10.0	243.5
cb		9.5	244.0
WL		9.2	244.3
XTP	6.82	250.57	9.77
7+50			
WL		5.7	244.9
cb		6.0	244.6
1/4		6.6	244.0
±		6.7	243.9
1/4		6.7	243.9
+9		6.9	243.7
+10		6.1	244.5
cb		6.1	244.5
+2		6.8	243.8
+7		6.8	243.8
EL		6.4	244.2

48+76 <sup>32</sup>48+26 <sup>32</sup>47+76 <sup>32</sup>

7+50	250.57	
10E		7.3
8+00		
10E		6.4
EL		6.0
+9		6.0
cb		5.5
+2		5.0
+3		6.1
1/4		6.1
±		6.3
+4		6.4
1/4		6.0
cb		5.5
WL		5.2
8+50		
WL		4.2
cb		4.6
1/4		4.9
+6		5.4
±		5.3
1/4		5.1
+7		5.0
+8		4.1
cb		4.2
+5		4.5
+10		5.2

47+76 <sup>28</sup> <sup>32</sup>47+26 <sup>32</sup>46+76 <sup>32</sup>

8+50

E.L	4.7	245.9
10E	4.7	245.9
9+00		
10E	3.7	246.9
E.L.	3.7	246.9
+5	4.1	246.5
+9	3.3	247.3
cb	3.1	247.5
+2	2.9	247.7
+3	3.9	246.7
1/4	3.8	246.8
±	3.8	246.8
+6	3.9	246.7
1/4	3.4	247.2
cb	2.9	247.7
w.L.	3.2	247.4
9+50		
w.L	0.2	250.4
cb	+0.4	251.0
1/4	2.0	248.6
±	2.0	248.6
1/4	2.1	248.5
+95	2.9	247.7
cb	1.4	249.2
E.L	1.4	249.2
10E	0.9	249.7

46+76<sup>32</sup>

46+26<sup>32</sup>

45+76<sup>32</sup>

250.57

T.R	12.89	263.10	0.30	250.27
10+00				
10E			11.4	251.7
E.L			12.1	251.0
+10			12.5	250.6
+12			12.1	251.0
+13			12.8	250.3
cb			12.8	250.3
1/4			12.8	250.3
±			13.0	250.1
+8			13.2	249.9
1/4			12.9	250.2
cb			11.6	251.5
w.L			11.8	251.3
10+50				
w.L			10.9	252.2
cb			10.4	252.7
1/4			11.2	251.9
±			11.1	252.0
1/4			11.0	252.1
cb			11.1	252.0
+12			11.1	252.0
+3			10.4	252.7
+11			11.5	251.6
E.L			9.8	253.3
10E			9.8	253.3

45+26<sup>32</sup>

44+76<sup>32</sup>

29



11+00

263.10

44+26<sup>32</sup>

12+00

30  
43+26<sup>32</sup>

10E	8.0	255.1
E.L.	8.0	255.1
+4	9.6	253.5
+8	8.6	254.5
+10	8.4	254.7
+11	7.1	254.0
cb	9.1	254.0
1/4	8.7	254.2
±	9.0	254.1
1/4	9.1	254.0
+5	8.3	254.8
cb	8.4	254.7
w.L.	8.8	254.3

11+50

43+76<sup>32</sup>

w.L.	6.9	256.7
cb	6.5	256.6
1/4	7.2	255.9
±	7.1	256.0
1/4	7.0	256.1
cb	7.0	256.1
+8	6.7	256.4
+10	7.5	255.6
E.L.	5.8	257.3
10E	5.6	257.5

10E	4.2	258.9
E.L.	4.2	258.9
+3	5.5	257.6
cb	5.5	257.6
1/4	5.4	257.7
±	5.6	257.5
1/4	5.9	257.2
cb	5.7	257.4
w.L.	6.3	256.8

12+50

42+76<sup>32</sup>

w.L.	5.3	257.8
cb	4.9	258.2
1/4	4.5	258.6
±	4.4	258.7
1/4	4.1	259.0
cb	4.1	259.0
+8	4.0	259.1
+11	4.5	258.6
E.L.	2.7	260.4
10E	2.1	261.0

263.10  
12 + 96 = NL Pvt. Drive to Theosophical. 42+30.32

IDE		1.2	261.9
EL		2.0	261.1
+5		3.0	260.1
cb		2.9	260.2
1/4		2.9	260.2
+		3.1	260.0
1/4		3.3	259.8
+1	Pav	3.39	259.71
cb	Pav	3.55	259.55
WL	Pav	3.77	259.33

13 + 11 = + Pvt. Drive. 42+15.32

WL	Pav	3.58	259.52
cb	✓	3.28	259.82
+95	Pav	3.03	260.07
1/4		3.0	260.1
+		2.8	260.3
1/4		2.5	260.6
cb		2.6	260.5
+9		2.3	260.8
EL		1.9	261.2
IDE		1.4	261.7

13 + 26 = SL Pvt. Drive

IDE		1.1	262.0
EL		1.6	261.5
+5		2.2	260.9
+9		2.0	261.1
cb		2.4	260.7
1/4		2.3	260.8
+		2.5	260.6
1/4		2.7	260.4
+1	Pav	2.81	260.29
cb	Pav	3.13	259.97
WL	Pav	3.68	259.42

13 + 50

WL		2.6	260.5
cb		2.6	260.5
1/4		2.5	260.6
+		2.2	260.9
1/4		2.0	261.1
cb		1.8	261.3
+5		1.5	261.6
+10		2.0	261.1
EL		1.0	262.1
IDE		0.5	262.6

31  
42+20.32

41+76.32

14+00	263.10		
10.E		+0.2	263.3
EL		+0.2	263.3
+3		1.4	261.7
+9		0.6	262.5
+11		1.0	262.1
cb		1.0	262.1
1/4		1.1	262.0
#		1.4	261.7
1/4		1.8	261.3
eb		1.7	261.4
w.L.		2.0	261.1

14+50			
w.L.		1.3	261.8
eb		1.0	262.1
1/4		0.8	262.3
#		0.5	262.6
1/4		0.3	262.8
cb		0.1	263.0
+2		0.0	263.1
+4		+0.4	263.5
+9		0.2	262.9
+13		0.1	263.0
EL		+1.1	264.2
10E		+1.1	264.2
T.P.	8.28	271.20	0.18 262.92

41+26.32			
15+00	271.20		
10E		6.6	264.6
EL		6.6	264.6
+3		7.7	263.5
+8		7.6	263.6
+10		7.1	264.1
+12		7.1	264.1
cb		7.5	263.7
1/4		7.7	263.5
#		7.9	263.3
1/2		8.2	263.0
+4		8.0	263.2

40+76.32			
cb		8.6	262.6
+10		9.3	261.9
w.L.		8.9	262.3
15+52.12 = N.L Charles			
w.L.		8.0	263.2
+5		8.3	262.9
cb		7.8	263.4
+6		7.2	264.0
1/4		7.6	263.6
#		7.0	264.2
+5		6.7	264.5
1/4		6.8	264.4
cb		6.6	264.6
+9		6.6	264.6
+11		5.8	265.4

40+26.32			
15+00	271.20		
10E		6.6	264.6
EL		6.6	264.6
+3		7.7	263.5
+8		7.6	263.6
+10		7.1	264.1
+12		7.1	264.1
cb		7.5	263.7
1/4		7.7	263.5
#		7.9	263.3
1/2		8.2	263.0
+4		8.0	263.2
cb		8.6	262.6
+10		9.3	261.9
w.L.		8.9	262.3
15+52.12 = N.L Charles			
w.L.		8.0	263.2
+5		8.3	262.9
cb		7.8	263.4
+6		7.2	264.0
1/4		7.6	263.6
#		7.0	264.2
+5		6.7	264.5
1/4		6.8	264.4
cb		6.6	264.6
+9		6.6	264.6
+11		5.8	265.4

39+74.20

15+52 <sup>12</sup>		39+74 <sup>20</sup>	
EL	5.8	265.4	
10E	5.3	265.9	
15+77 <sup>12</sup> = Charles		39+49 <sup>20</sup>	
10E	5.2	266.0	
EL	5.5	265.7	
+11	5.8	265.4	
cb	6.0	265.2	
1/4	6.5	264.7	
+6	6.5	264.7	
±	6.7	264.5	
1/4	7.3	263.9	
+4	6.9	264.3	
cb	7.5	263.7	
+5	8.3	262.9	
wL	7.9	263.3	
16+02 <sup>12</sup> = 0+00 = sl. Charles		39+24 <sup>20</sup>	
wL	7.8	263.4	
+10	7.8	263.4	
cb	7.2	264.0	
1/4	7.0	264.2	
±	6.6	264.6	
+5	6.4	264.8	
1/4	6.4	264.8	
cb	6.0	265.2	
EL	5.5	265.7	

0+50		33 38+74 <sup>20</sup>	
EL	5.3	265.9	
+4	6.0	265.2	
+10	5.4	265.8	
+12	5.5	265.7	
cb	6.0	265.2	
1/4	6.3	264.9	
±	6.2	265.0	
1/4	6.8	264.4	
cb	7.1	264.1	
wL	7.3	263.9	
1+00		38+24 <sup>20</sup>	
wL	6.7	264.5	
+4	6.9	264.3	
cb	6.3	264.9	
1/4	6.0	265.2	
±	5.5	265.7	
1/4	5.5	265.7	
+9.5	5.5	265.7	
cb	4.9	266.3	
+3	4.3	266.9	
EL	4.9	266.3	

1+40 = N.L. Alley

EL	4.5	266.7
+10	3.8	267.4
cb	4.3	266.9
+1	4.8	266.4
1/4	4.8	266.4
+	4.8	266.4
1/4	5.3	265.9
cb	5.6	265.6
w.L	5.8	265.4

1+60 = S.L. Alley

w.L	5.5	265.7
+9	5.7	265.5
cb	5.4	265.8
1/4	4.8	266.4
+	4.3	266.9
1/4	4.4	266.8
cb	4.3	266.9
+4	3.5	267.7
EL	3.7	267.5

37+84<sup>20</sup>

2+00 271.20

EL	2.7	268.5
+10	2.5	268.7
cb	3.4	267.8
+1	3.6	267.6
1/4	3.5	267.7
+	3.5	267.7
1/4	4.0	267.2
+5	4.0	267.2
cb	4.8	266.4
w.L	5.1	266.1

37+64<sup>20</sup> 2+50

w.L	3.8	267.4
+3	4.4	266.8
cb	3.2	268.0
+6	2.8	268.4
1/4	2.7	268.5
+	2.3	268.9
1/4	2.3	268.9
cb	2.0	269.2
+1	1.6	269.6
+4	1.4	269.8
E.L	1.3	269.9
T.P.	12.14	282.69
	0.65	270.55

34  
37+24<sup>20</sup>

36+74<sup>20</sup>

3+00=N.L. <sup>282.69</sup> Dudley

EL	11.9	270.8
+10	11.6	271.1
cb	12.0	270.7
1/4	12.2	270.5
±	12.3	270.4
1/4	12.7	270.0
cb	12.6	270.1
+12	14.0	268.7
W.L.	13.2	269.5

± Dudley

W.L.	12.8	269.9
+10	11.6	271.1
cb	11.5	271.2
1/4	11.7	271.0
±	11.4	271.3
1/4	11.4	271.3
cb	11.3	271.4
+4	10.8	271.9
E.L.	10.9	271.8

36+24<sup>20</sup>

5L. Dudley=0+00

EL	10.4	272.3
+11	10.3	272.4
+12	10.6	272.1
cb	10.6	272.1
1/4	10.6	272.1
±	10.6	272.1
1/4	11.0	271.7
+3	11.0	271.7
+5	10.7	272.0
cb	11.0	271.7
-9	11.7	271.0
W.L.	12.3	270.4

0+50

W.L.	10.5	272.2
cb	9.3	273.4
1/4	9.0	273.7
±	8.8	273.9
1/4	8.8	273.9
cb	8.6	274.1
+2	8.3	274.4
+9	8.1	274.6
E.L.	8.4	274.3

35  
35+74<sup>20</sup>

35+24<sup>20</sup>

282.69

36  
34114<sup>20</sup>

1+00

E.L.	7.3	275.4
+2	8.0	274.7
+3	7.0	275.7
cb	7.0	275.7
1/4	7.1	275.6
+	7.2	275.5
1/4	7.5	275.2
cb	7.6	275.1
w.L.	9.0	273.7

34+74<sup>20</sup>

1+60 = S.L. Alley

E.L.	5.3	277.4
+4	4.8	277.9
+7	5.2	277.5
+10	4.9	277.8
cb	5.0	277.7
1/4	5.1	277.6
+6	4.9	277.8
+	5.1	277.6
1/4	5.2	277.5
+4	5.1	277.6

1+40 = N.L. Alley

w.L.	7.4	275.3
+2	8.2	274.5
cb	6.6	276.1
+6	5.8	276.9
+7	6.2	276.5
1/4	6.1	276.6
+	5.8	276.9
+5	5.6	277.1
1/4	5.7	277.0
cb	5.6	277.1
+4	5.3	277.4
+5	5.8	276.9
E.L.	5.1	277.6

34+34<sup>20</sup>

+6 Post SE Dudley & Catalina  
BM 12.93 290.26 5.36 277.33

2+00

w.L.	13.2	277.1
+3	13.6	276.7
cb	12.3	278.0
+6	11.5	278.8
1/4	11.5	278.8
+	11.1	279.2
1/4	11.1	279.2
cb	11.1	279.2
+4	11.0	279.3
+10	11.4	278.9
+12	12.0	278.3

33+74<sup>20</sup>

2+00	290.26		33+74 <sup>20</sup>
FL	11.3	279.0	
2+50			33+24 <sup>20</sup>
EL	9.5	280.8	
cb	9.2	281.1	
'4	9.3	281.0	
+6	9.2	281.1	
#	9.3	281.0	
'4	9.5	280.8	
+5	9.7	280.6	
cb	10.2	280.1	
+1	10.3	280.0	
+10	12.2	278.1	
+13	12.5	277.8	
w.L.	11.7	278.6	

3+00 = NL Warner			32+74 <sup>20</sup>
w.L.	9.4	280.9	
+3	10.3	280.0	
+6	9.2	281.1	
cb	8.2	282.1	
+5	7.4	282.9	
'4	7.3	283.0	
#	7.1	283.2	
+5	7.0	283.3	
'4	7.2	283.1	
cb	7.2	283.1	
+6	7.5	282.8	

3+00			32+74 <sup>20</sup>
EL	7.0	283.3	
# Warner			32+49 <sup>20</sup>
FL	6.1	284.2	
+7	6.5	283.8	
+10	6.2	284.1	
cb	6.2	284.1	
'4	6.1	284.2	
+5	5.9	284.4	
#	6.0	284.3	
'4	6.2	284.1	
+4	6.3	284.0	
cb	7.4	282.9	
w.L.	8.2	282.1	

S.L. Warner = 0+00			32+24 <sup>20</sup>
w.L.	6.8	283.5	
+10	6.6	283.7	
cb	6.3	284.0	
+6	5.0	285.3	
'4	5.1	285.2	
#	4.9	285.4	
+5	4.8	285.5	
'4	5.0	285.3	
cb	5.1	285.2	
+9	5.1	285.2	
+10	5.5	284.8	
E.L.	5.5	284.8	



0+50 290.26

31+74<sup>20</sup>

1+40

J.L. Alley  
302.9538  
30+84<sup>20</sup>

EL	3.2	287.1
+4	2.7	287.6
cb	2.9	287.4
1/4	2.7	287.6
+5	2.6	287.7
±	2.7	287.6
1/4	2.9	287.4
+4	2.9	287.4
cb	3.2	287.1
wL	3.7	286.6

EL	12.0	290.9
cb	11.7	291.2
1/4	11.6	291.3
±	11.5	291.4
1/4	11.5	291.4
+4	11.4	291.5
+6	12.1	290.8
1b	11.5	291.4
wL	12.0	290.9

1+60 = SL Alley

30+64<sup>20</sup>

1+00

wL	1.1	289.2
cb	0.3	290.0
1/4	0.5	289.8
±	0.5	289.8
+6	0.3	290.0
1/4	0.5	289.8
cb	0.7	289.6
+9	0.5	289.8
+11	1.7	288.6
E.L.	1.7	288.6
T.P.	12.72	302.95
	0.03	290.23

31+24<sup>20</sup>

wL	11.6	291.3
cb	10.7	292.2
+7	11.2	291.7
+9	11.0	291.9
1/4	10.9	292.0
±	10.9	292.0
+7	10.7	292.2
1/4	10.8	292.1
cb	11.0	291.9
+12	10.8	292.1
E.L.	9.7	293.2

2+00

EL	7.6	295.3
+2	9.3	293.6
cb	9.6	293.3
1/4	9.5	293.4
+3	9.3	293.6
±	9.5	293.4
1/4	9.6	293.3
cb	9.5	293.4
W.L.	9.9	293.0

2+67<sup>2</sup> = ± Put Drive on West 29+56<sup>50</sup>

W.L.	7.5	295.4
cb	7.3	295.6
1/4	7.4	295.5
±	7.4	295.5
+7	7.3	295.6
1/4	7.4	295.5
cb	7.5	295.4
+8	7.4	295.5
EL	5.5	297.4

30+29<sup>20</sup>

3+00 = N.L. Fort.

EL	6.5	296.4
cb	6.8	296.1
1/4	6.7	296.2
±	6.7	296.2
1/4	6.8	296.1
+7	6.8	296.1
cb	6.5	296.4
W.L.	6.6	296.3

± Fort

W.L.	6.0	296.9
cb	6.4	296.5
1/4	6.4	296.5
±	6.4	296.5
1/4	6.3	296.6
cb	6.4	296.5
EL	6.3	296.6

S.L. Fort = 0+00

EL	4.1	298.8
+2	6.1	296.8
cb	6.2	296.7
1/4	6.0	296.9
±	6.1	296.8
1/4	6.2	296.7
cb	6.0	296.9
W.L.	5.7	297.2

39

29+24<sup>20</sup>28+39<sup>20</sup>28+74<sup>20</sup>

0+50

28+24<sup>20</sup>

WL	5.3	297.6
cb	5.4	297.5
1/4	5.7	297.2
+	5.7	297.2
1/4	5.6	297.3
cb	5.7	297.2
E.L.	5.6	297.3

1+00

27+74<sup>20</sup>

EL	3.7	299.2
+1	5.2	297.7
cb	5.6	297.3
1/4	5.5	297.4
+	5.5	297.4
1/4	5.3	297.6
+2	5.1	297.8
cb	5.3	297.6
W.L.	5.4	297.5

1+40 = NL Alley

27+34<sup>20</sup>

WL	5.2	297.7
cb	5.2	297.7
1/4	5.3	297.6
+	5.4	297.5
1/4	5.3	297.6
cb	5.3	297.6
+13	5.3	297.6
E.L.	4.3	298.6

1+60 = SL Alley

40  
27+14<sup>20</sup>

EL	3.6	299.3
+2	5.1	297.8
cb	5.3	297.6
1/4	5.3	297.6
+	5.3	297.6
1/4	5.3	297.6
cb	5.2	297.7
WL	5.2	297.7

2+00

26+74<sup>20</sup>

WL	5.2	297.7
cb	5.2	297.7
1/4	5.2	297.7
+	5.3	297.6
1/4	5.2	297.7
cb	5.3	297.6
+5	5.3	297.6
+1/2	5.0	297.9
E.L.	3.5	299.4

2450

EL	3.7	299.2
+1	5.0	297.9
+8	4.7	298.2
cb	5.1	297.8
1/4	5.1	297.8
±	5.2	297.7
1/4	5.2	297.7
+1	4.9	298.0
cb	5.1	297.8
wL	5.2	297.7

26+24<sup>20</sup>

25+74<sup>20</sup>

3+00 = NL Pico Pico

wL	5.3	297.6
cb	5.1	297.8
1/4	4.8	298.1
+1	5.1	297.8
±	5.1	297.8
1/4	4.9	298.0
cb	4.9	298.0
+1	4.8	298.1
EL	4.1	298.8

± Pico Pico

25+79<sup>20</sup>

EL	4.6	298.3
cb	4.8	298.1
1/4	4.9	298.0
±	5.1	297.8
1/4	4.7	298.2
cb	5.1	297.8
wL	5.1	297.8

5L Pico Pico = 0+00

25+24<sup>20</sup>

wL	5.2	297.7
cb	5.0	297.9
1/4	4.6	298.3
+1	5.0	297.9
±	5.1	297.8
1/4	4.9	298.0
cb	4.7	298.2
EL	4.5	298.4

0+50

24+74<sup>20</sup>

EL	3.3	299.6
+1	4.5	298.4
cb	4.5	298.4
1/4	4.8	298.1
±	5.0	297.9
+9	4.9	298.0
1/4	4.3	298.6
cb	4.7	298.2
wL	4.6	298.3

1+00		24+84 <sup>20</sup>	
w.L.	4.4	298.5	
cb	4.3	298.6	
+7	4.5	298.4	
1/4	4.1	298.8	
+1	4.8	298.1	
±	4.9	298.0	
1/4	4.7	298.2	
cb	4.2	298.7	
+5	4.8	298.1	
E.L.	4.2	298.7	

1+50		23+74 <sup>20</sup>	
E.L.	2.8	300.1	
+3	4.7	298.2	
+6	4.1	298.8	
cb	4.3	298.6	
1/4	4.5	298.4	
±	4.6	298.3	
+9	4.5	298.4	
1/4	4.0	298.9	
cb	4.1	298.8	
w.L.	4.0	298.9	

2+00		30+95	
w.L.	3.8	299.1	
cb	3.7	299.2	
1/4	3.9	299.0	
+1	4.2	298.7	
±	4.3	298.6	
1/4	4.2	298.7	
cb	4.1	298.8	
+3	3.4	299.5	
+5	3.7	299.2	
+8	4.2	298.7	
E.L.	2.7	300.2	
T.P.	9.19	307.86	

2+50		22+74 <sup>20</sup>	
E.L.	7.8	300.1	
+2	8.7	299.2	
+8	8.3	299.6	
+9	8.2	299.7	
cb	8.8	299.1	
1/4	8.8	299.1	
±	8.8	299.1	
+7	8.7	299.2	
+8	8.0	299.9	
1/4	8.0	299.9	
cb	8.2	299.7	
w.L.	7.9	300.0	

3 + 23<sup>S</sup> = ~~±~~ Road on East  
307.86

22400<sup>70</sup>

A+00

w.L.	7.0	300.9
+6	6.9	301.0
cb	7.2	300.7
1/4	7.2	300.7
+3	7.8	300.1
<del>±</del>	7.9	300.0
1/4	7.9	300.0
cb	7.8	300.1
E.L.	7.8	300.1

3+50

21774<sup>20</sup>

E.L.	7.7	300.2
+6	6.6	301.3
+10	7.4	300.5
cb	7.3	300.6
1/4	7.4	300.5
<del>±</del>	7.5	300.4
+8	7.4	300.5
1/4	6.8	301.1
cb	6.6	301.3
+5	6.3	301.6
w.L.	6.6	301.3

43

21724<sup>20</sup>

w.L.	5.4	302.5
cb	5.7	302.2
+8	6.2	301.7
1/4	5.9	302.0
+2	6.5	301.4
<del>±</del>	6.5	301.4
1/4	6.4	301.5
cb	6.4	301.5
+1	5.7	302.2
+8	5.6	302.3
E.L.	6.5	301.4

A+50

20774<sup>20</sup>

E.L.	5.4	302.5
+8	4.6	303.3
cb	5.6	302.3
1/4	5.5	302.4
<del>±</del>	5.6	302.3
+9	5.6	302.3
1/4	5.1	302.8
cb	5.0	302.9
w.L.	5.0	302.9

5+00	307.86		
w.L.		3.6	304.3
+10		3.4	304.5
cb		3.8	304.1
1/4		4.6	303.3
±		4.6	303.3
1/4		4.5	303.4
cb		4.6	303.3
+1		3.9	304.0
+6		3.4	304.5
+11		4.3	303.6
E.L.		3.9	304.0

5+50			
E.L.		2.8	305.1
+12		2.9	305.0
+13		3.6	304.3
cb		3.6	304.3
1/4		3.6	304.3
±		3.4	304.5
1/4		3.3	304.6
+8		3.0	304.9
cb		2.5	305.4
w.L.		1.6	306.3
o T.P.	12.95	319.77	1.04 306.82

19+29<sup>no</sup>

6+05<sup>II</sup> - ± Radon East.  
319.77

w.L.	12.8	307.0
+10	12.8	307.0
cb	13.7	306.1
1/4	14.0	305.8
±	14.0	305.8
1/4	14.0	305.8
cb	13.9	305.9
E.L.	13.5	306.3

6+50

10E	12.9	306.9
E.L.	12.3	307.5
cb	12.7	307.1
1/4	12.9	306.9
±	12.8	307.0
1/4	12.5	307.3
+5	11.3	308.5
cb	11.4	308.4
+4	10.6	309.2
w.L.	10.6	309.2

19+18<sup>44</sup>  
49

18+74<sup>no</sup>

86

7+00

w.L.	10.2	309.6
+10	9.9	309.9
eb	10.7	309.1
+6	10.5	309.3
+7	10.8	309.0
1/4	10.9	308.9
+	11.3	308.5
1/4	11.2	308.6
eb	10.8	309.0
EL	10.6	309.2
10E	11.2	308.6

7+45

10E	10.0	309.8
EL	9.2	310.6
+10	9.5	310.3
eb	9.5	310.3
1/4	9.5	310.3
+	9.7	310.1
1/4	9.4	310.4
eb	9.2	310.6
+4	8.7	311.1
w.L.	8.9	310.9

18+24<sup>20</sup>

8+05

w.L.	6.2	313.6
+10	5.9	313.9
eb	6.6	313.2
1/4	7.0	312.8
+	7.0	312.8
1/4	7.1	312.7
eb	6.9	312.9
+4	6.3	313.5
EL	6.2	313.6
10E	7.0	312.8

8+50

10E	5.3	314.5
EL	4.8	315.0
eb	4.8	315.0
1/4	5.0	314.8
+	5.0	314.8
1/4	5.1	314.7
eb	5.0	314.8
+4	4.0	315.8
w.L.	4.3	315.5

45

17+19<sup>20</sup>16+74<sup>20</sup>



8+93		319.77	16+31 <sup>20</sup>	
w.L.		2.0	317.8	
+10		2.0	317.8	
cb		3.0	316.8	
1/4		3.3	316.5	
+2		3.0	316.8	
±		2.9	316.9	
1/4		2.9	316.9	
cb		2.7	317.1	
+7		2.6	317.2	
49		3.0	316.8	
+10		2.5	317.3	
E.L		2.5	317.3	
10E		3.5	316.3	
9+50			-15+74 <sup>20</sup>	
10E		1.2	318.6	
EL		0.2	319.6	
+5		0.4	319.4	
+6		0.1	319.7	
cb		0.0	319.8	
T.P.	12.90	332.48	0.19	319.58
1/4			12.6	319.9
±			12.7	319.8
1/4			12.5	320.0
+3			12.4	320.1
+5			12.0	319.5
cb			12.5	320.0

9+50		332.48	15+74 <sup>20</sup>	46
+4		11.9	320.6	
w.L.		12.2	320.3	
10+00				15+74 <sup>20</sup>
w.L.		9.5	323.0	
+10		9.5	323.0	
cb		9.8	322.7	
+5		9.9	322.6	
+7		9.5	323.0	
1/4		9.4	323.1	
±		9.6	322.9	
+5		9.5	323.0	
1/4		9.7	322.8	
cb		9.8	322.7	
+3		9.7	322.8	
EL		10.9	321.6	
10E		11.4	321.1	
10+50				14+74 <sup>20</sup>
10E		8.1	324.4	
EL		7.7	324.8	
+5		7.9	324.6	
+10		6.6	325.9	
cb		6.7	325.8	
1/4		6.6	325.9	
±		6.5	326.0	
1/4		6.6	325.9	

10+50			14+74 <sup>20</sup>
+7	6.8	325.7	
+9	7.4	325.1	
cb	7.1	325.4	
wl	7.1	325.4	
11+00			14+24 <sup>20</sup>
10E	5.0	327.5	
EL	4.4	328.1	
+10	3.5	329.0	
cb	3.8	328.7	
1/4	3.7	328.8	
±	3.6	328.9	
1/4	3.6	328.9	
+7	3.5	329.0	
cb	4.2	328.3	
+4	4.0	328.5	
wl	4.4	328.1	
11+50			13+74 <sup>20</sup>
wl	1.2	331.3	
+10	0.6	331.9	
cb	0.9	331.6	
1/4	0.6	331.9	
±	0.6	331.9	
1/4	0.5	332.0	
cb	0.5	332.0	
EL	0.9	331.6	
10E	1.7	330.8	

= ± Put Drive on West

12+09	332.48		13+15 <sup>20</sup>
T.P. 12 8A	345.24	0.08	332.40
10E		10.2	335.0
E.L.		10.1	335.1
cb		9.7	335.5
1/4		9.8	335.4
±		9.8	335.4
1/4		9.6	335.6
cb		9.6	335.6
wl		9.6	335.6
12+50			12+74 <sup>20</sup>
wl		6.3	338.9
+11		6.1	339.1
+12		7.2	338.0
cb		7.2	338.0
+7		7.0	338.2
+8		7.8	337.4
+9		6.9	338.3
1/4		7.0	338.2
±		7.2	338.0
1/4		7.1	338.1
cb		7.1	338.1
+7		7.1	338.1
+8		6.8	338.4
EL		6.4	338.8
10E		7.4	337.8

13+00	345 24		12+24 <sup>20</sup>
10E		3.0	342.2
EL		2.5	342.7
+7		2.7	342.5
+8		4.2	341.0
+11		4.5	340.7
cb		4.1	341.1
1/4		4.0	341.2
+		4.1	341.1
1/4		4.0	341.2
+1		5.2	340.0
+7		4.3	340.9
cb		4.4	340.8
+3		2.7	342.5
w.L.		2.4	342.8
13+50			11+74 <sup>20</sup>
w.L.		+0.7	345.9
+11		+1.0	346.2
+11		+0.1	345.3
cb		1.1	344.1
+3		2.2	343.0
+7		0.6	344.6
+8		0.7	344.5
+9		2.3	342.9
1/4		2.3	342.9
+1		1.0	344.2

13+50	34524		11+74 <sup>20</sup>
+		1.1	344.1
1/4		0.9	344.3
cb		1.3	343.9
+5		1.1	344.1
+6		+0.4	345.6
EL		+0.6	345.8
10E		1.4	343.8
T.P.	12.51	357.65	0.10 345.14
1/4 +00		8.7	11+24 <sup>20</sup>
10E		8.7	348.9
EL		8.2	349.4
+9		9.0	348.6
+11		10.6	347.0
cb		10.8	346.8
1/4		10.5	347.1
+		10.5	347.1
+9		10.7	346.9
1/4		12.3	345.3
+1		10.4	347.2
cb		11.0	346.6
+2		8.9	348.7
w.L.		9.2	348.4

48

11+74<sup>20</sup>

14+50	357.65		
w.L	6.8	350.8	
+12	6.4	351.2	
cb	8.1	349.5	
+2	9.1	348.5	
+4	7.7	349.9	
+9	7.4	350.2	
+9 <sup>5</sup>	9.8	347.8	
1/4	7.6	350.0	
<del>1/4</del>	7.6	350.0	
1/4	7.8	349.8	
cb	7.8	349.8	
+3	7.7	349.9	
+6	6.3	351.3	
E.L	6.0	351.6	
10E	6.6	351.0	
15+00			
10E	3.2	354.4	
E.L	3.5	354.1	
+7	3.1	354.5	
+10	5.2	352.4	
+12	4.1	353.5	
cb	4.4	353.2	
1/4	4.7	352.9	
<del>1/4</del>	4.5	353.1	
+9	4.7	352.9	
1/4	5.4	352.2	

10+74<sup>20</sup>

15+00 357.65

+1	4.4	353.2
+5	4.4	353.2
cb	5.0	352.6
+5	4.2	353.4
w.L	4.4	353.2

15+50

w.L	1.7	355.9
+9	1.6	356.0
cb	1.0	356.6
+1	0.7	356.9
+9	1.7	355.9
1/4	2.5	355.1
+2	2.2	355.4
<del>1/4</del>	1.9	355.7
1/4	2.0	355.6
cb	1.9	355.7

9+74<sup>20</sup>

+3	1.8	355.8
+4	2.2	355.4
+6	1.2	356.4
E.L	1.2	356.4
10E	2.0	355.6

Mon. N.L. Aztec.

B.M. 12.73 370.32 0.06 357.59

49  
10+24<sup>20</sup>

15+87<sup>60</sup> = N.L. Aztec.

9436.60

0+00

370.32

50  
9406.60

10E 11.9 358.4

EL 11.1 359.2

EL 11.9 358.4

0+50

8456.60

+7 12.1 358.2

EL 6.3 362.0

+8 13.3 357.0

+5 8.3 362.0

+11 12.8 357.5

+6 9.3 361.0

cb 13.0 357.3

cb 8.2 362.1

1/4 12.7 357.4

cb 8.8 361.5

± 12.8 357.5

1/4 8.9 361.4

1/4 13.6 356.7

± 8.9 361.4

+2 12.7 357.6

+8 9.0 361.3

cb 12.9 357.4

+9 10.3 360.0

+4 13.0 357.3

1/4 10.3 360.0

+5 12.2 358.1

+2 8.6 361.7

WL 12.4 357.9

cb 8.9 361.4

16+17<sup>60</sup> = 0+00 = S.L. Aztec 9406.60

+4 7.8 362.5

WL 10.8 359.5

WL 7.8 362.5

+9 10.7 359.6

1+00

8406.60

+10 11.4 358.9

WL 5.4 364.9

cb 11.5 358.8

+9 5.2 365.1

+9 11.1 359.2

+10 6.9 363.4

1/4 12.1 358.2

cb 7.0 363.3

+1 11.3 359.0

+1 6.5 363.8

± 11.3 359.0

+9 6.4 363.9

1/4 11.3 359.0

1/4 8.2 362.1

cb 11.1 359.2

+2 6.7 363.6

+2 11.0 359.3

± 6.8 363.5

1+00		8+06.60		2+00	370.32		7+06.60
1/4	6.7	363.6		w.L.		1.8	368.5
eb	6.8	363.5		+9		1.8	368.5
+1	6.3	364.0		+12		4.6	365.7
+7	7.5	362.8		eb		4.7	365.6
+10	5.9	364.4		+1		3.6	366.7
EL	5.7	364.6		1/4		3.1	367.2
1+50		7+56.60		+1		4.3	366.0
EL	3.7	366.4	1	+2		3.4	366.9
+4	4.0	366.3		<del>4</del>		3.5	366.8
+5	5.5	364.8		1/4		3.4	366.9
+13	4.4	365.9		eb		3.6	366.7
eb	5.0	365.3		+1		3.1	367.2
1/4	4.8	365.5		+9		3.6	366.7
<del>4</del>	4.8	365.5		+11		2.4	367.9
+9	4.8	365.5		E.L.		2.4	367.9
1/4	6.4	363.9		TP 5.68	375.77	0.03	370.29
+1	4.4	365.9					6.3
+9	4.7	365.6		2+50			6+56.60
eb	5.8	364.5		E.L.		7.1	368.9
+2	5.8	364.5		+5		7.2	368.8
+4	3.3	367.0		+11		8.2	367.8
w.L.	3.3	367.0		eb		7.7	368.3
				+2		7.5	368.5
				+3		8.3	367.7
				1/4		8.1	367.9
				<del>4</del>		8.2	367.8

## Catalina

52

2+50	375.97		6+56.60		3+50		5+56.60	
1/4		8.3	367.7		E.L.		6.3	369.7
+2		8.8	367.2		+3		6.1	369.9
+3		7.9	368.1		+8		6.7	369.3
cb		7.7	368.3		cb		5.6	370.4
+2		7.7	368.3		+3		5.5	370.5
+6		7.0	369.0		+4		6.3	369.7
w.L.		6.3	369.7		1/4		6.3	369.7
3+00			6+06.60		<del>1/4</del>		6.4	369.6
w.L.		6.0	370.0		1/4		6.6	369.4
+5		6.2	369.8		+1		6.2	369.8
+11		6.8	369.2		cb		6.3	369.7
cb		6.9	369.1		+5		6.4	369.6
+7		7.0	369.0		+9		5.4	370.6
+8		7.3	368.7		w.L.		5.5	370.5
1/4		7.0	369.0		4+00			5+06.60
+1		7.3	368.7		w.L.		5.1	370.9
<del>1/4</del>		7.2	368.8		+8		5.1	370.9
1/4		7.2	368.8		+10		5.6	370.4
+7		7.2	368.8		cb		5.6	370.4
+9		6.5	369.5		+9		5.1	370.9
cb		6.7	369.3		1/4		5.6	370.4
+6		7.5	368.5		<del>1/4</del>		5.7	370.3
+11		6.6	369.4		1/4		5.5	370.5
E.L.		6.7	369.3		+6		5.4	370.6
					+7		4.7	371.3
					cb		5.2	370.8

A-00			5406.60
+5	5.8	370.2	
EL	5.9	370.1	
A+50			4556.60
EL	5.3	370.7	
+10	4.9	371.1	
cb	4.3	371.7	
+3	3.8	372.2	
+4	4.7	371.3	
1/4	4.7	371.3	
+	4.8	371.2	
1/4	4.5	371.5	
+1	4.1	371.9	
cb	4.9	371.1	
+3	4.8	371.2	
+6	4.3	371.7	
w.L.	4.3	371.7	
5+00			4406.60
w.L.	3.6	372.4	
+10	3.7	372.3	
cb	3.9	372.1	
+9	3.2	372.8	
1/4	3.3	372.7	
+1	3.8	372.2	
+	3.9	372.1	
1/4	3.8	372.2	

5+00	375.97		53 4406.60
+6 <sup>E</sup>		3.8	372.2
+7		3.0	373.0
cb		3.8	372.2
E.L.		4.4	371.6
T.P.	9.56	382.54	2.99
5+50			3456.60
EL		9.9	372.6
+11		9.8	372.7
cb		9.0	373.5
+3		8.8	373.7
+4		9.6	372.9
1/4		9.5	373.0
+		9.6	372.9
+9 <sup>E</sup>		9.4	373.1
1/4		9.0	373.5
+1		8.8	373.7
+9		9.4	373.1
cb		9.2	373.3
+3		8.7	373.8
w.L.		8.7	373.8



6+00	382.54		3706.60
wL		72	375.3
eb		75	375.0
+2		85	374.0
+8		80	374.5
1/4		80	374.5
+1		85	374.0
±		85	374.0
1/4		84	374.1
eb		83	374.2
EL		88	373.7
Mon NE Catalina 2 Peru		7.54	375.00
B.M.			Bank Book 375.16

6+50 = NL Peru			2456.60
EL		7.6	374.9
eb		7.1	375.4
1/4		7.3	375.2
±		7.4	375.1
1/4		7.4	375.1
+6 <sup>5</sup>		7.2	375.3
+9		6.2	376.3
eb		6.1	376.4
wL		5.9	376.6

6+70 = ± Peru			2436.60
wL		5.5	377.0
eb		5.6	376.9
+1		5.6	376.9
+5		6.8	375.7
1/4		7.0	375.5
±		6.7	375.6
1/4		6.8	375.7
eb		6.7	375.8
EL		7.0	375.5

6+90 = SL Peru			2416.60
EL		6.3	376.2
+7		6.6	375.9
eb		6.2	376.3
1/4		6.3	376.2
±		6.5	376.0
1/4		6.6	375.9
+3		6.2	376.3
+5		6.2	376.3
+8		5.4	377.1
eb		5.4	377.1
wL		5.3	377.2

## Catalina Blvd

55

7+50		1+56.60	
w.L.	4.5	378.0	
cb	4.7	377.8	
+5	4.7	377.8	
+7	5.0	377.5	
+9	4.6	377.9	
1/4	5.2	377.3	
±	5.3	377.2	
1/4	5.1	377.4	
cb	4.9	377.6	
+3	4.6	377.9	
+10	4.9	377.6	
EL	4.3	378.2	

8+00		1+06.60	
EL	2.9	379.6	
cb	3.8	378.7	
1/4	4.1	378.4	
±	4.2	378.3	
1/4	4.3	378.2	
+1	3.7	378.8	
cb	3.7	378.8	
w.L.	3.8	378.7	

8+50		0+56.60	
w.L.	2.8	379.7	
cb	2.7	379.8	
+9	2.8	379.7	
1/4	3.1	379.4	
±	3.0	379.5	
1/4	3.0	379.5	
cb	2.5	380.0	
+7	1.8	380.7	
EL	0.5	382.0	

8+99 <sup>85</sup> = Res Line on East		0+06.75	
EL	+0.1	382.6	
cb	0.7	381.8	
1/4	0.9	381.6	
±	1.2	381.3	
1/4	1.2	381.3	
cb	1.1	381.4	
w.L.	1.2	381.3	
End Sec. on Res. Line:			0+00
w.L.	0.6	381.9	
cb	0.6	381.9	
1/4	0.7	381.8	
±	0.9	381.6	
1/4	0.6	381.9	
cb	0.4	382.1	
EL	+0.1	382.6	

Restationing going north

5/25/29

X sec Peru st. from Catalina Blvd  
London to Cortez. 40' at 5' obs 30' Rdway.

B.M. 3.88 378.88

375.00

MON NE  
Catalina  
Peru

378.88

56

T.P. 4.68 377.20 6.36 372.52

0+00 = E.L. Catalina Blvd.

1+60

N.L.	3.9	375.0
cb	3.8	375.1
1/4	3.6	375.3
1/4	3.4	375.5
1/4	3.4	375.5
cb	2.9	376.0
S.L.	2.6	376.3

5L	2.9	374.3
cb	3.1	374.1
1/4	3.1	374.1
1/4	4.4	372.8
1/4	4.7	372.5
cb	4.7	372.5
N.L.	5.0	372.2

0+50

2+00

S.L.	2.3	376.6
1/4	3.3	375.6
cb	3.6	375.3
1/4	4.3	374.6
1/4	4.6	374.3
1/4	4.8	374.1
cb	4.8	374.1
N.L.	4.9	374.0

N.L.	5.2	372.0
cb	5.0	372.2
1/4	5.1	372.1
1/4	4.4	372.8
1/4	4.1	373.1
cb	4.1	373.1
S.L.	4.2	373.0

PLOTTED  
JUNE 4, 29  
DAVIES

2+50

1+00		
N.L.	5.9	373.0
cb	5.7	373.2
1/4	5.8	373.1
1/4	5.4	373.5
1/4	5.2	373.7
cb	4.0	374.9
S.L.	2.6	376.3

S.L.	4.7	372.5
cb	4.8	372.4
1/4	5.0	372.2
1/4	5.2	372.0
1/4	5.6	371.6
cb	5.4	371.8
N.L.	5.6	371.6

3+00

N.L.	6.2	371.0
cb	6.1	371.1
1/4	6.2	371.0
±	5.8	371.4
1/4	5.6	371.6
cb	5.3	371.9
S.L.	5.2	372.0

3+50

S.L.	6.1	371.1
cb	6.3	370.9
1/4	6.4	370.8
±	6.7	370.5
1/4	7.2	370.0
cb	7.4	369.8
N.L.	7.5	369.7

A+00 = W.L. Cortez

N.L.	9.5	367.7
cb	9.1	368.1
1/4	8.9	368.3
±	8.4	368.8
1/4	8.1	369.1
cb	7.8	369.4
S.L.	7.7	369.5

X Sec Aztec st. from EL Catalina Blvd.  
to W.L. Cortez st.  
20' wide taken as half 60' of 12' cbs 9' gutters.

57

B.M. 7.94	365.53	357.57	Map #0 Catalina Aztec
0+00 = EL Catalina.			
S.L.		6.4	359.1
cb		6.7	358.8
1/4		6.8	358.7
±		7.0	358.5
0+50			
±		7.0	358.5
1/4		6.5	359.0
cb		6.5	359.0
+3		5.7	359.8
S.L.		6.0	359.5

1+00

S.L.		6.3	359.2
+6		6.2	359.3
cb		6.8	358.7
1/4		6.7	358.8
±		7.6	357.9

1+50

±		8.0	357.5
1/4		7.8	357.7
+3		8.2	357.3
+6		7.7	357.8
cb		7.7	357.8
+9		6.9	358.6
S.L.		7.2	358.3

PLOTTED  
JUNE 4, 29  
DAVIES

2+00	365.53		
S.L.		8.6	356.9
cb		9.5	356.0
+5		10.0	355.5
1/4		9.5	356.0
±		9.7	355.8

2+50			
±		11.8	353.7
1/4		11.9	353.6
+4		12.7	352.8
cb		11.8	353.7
+4		11.2	354.3
S.L.		11.1	354.4
T.P.	1.29	355.22	11.60

3+00			
S.L.		4.0	351.2
+3		3.7	351.5
cb		4.6	350.6
+6		5.2	350.0
1/4		4.7	350.5
±		5.3	349.9

3+50	355.22		
±		8.5	346.7
1/4		8.1	347.1
+3		8.5	346.7
+5		8.2	347.0
cb		7.9	347.3
S.L.		7.2	348.0

4+00 = W.L. Cortez

S.L.		10.4	344.8
+9		10.2	345.0
cb		10.7	344.5
+6		11.2	344.0
1/4		10.9	344.3
±		11.5	343.7

Profile of Road Between PL 1432104  
 East from Catalina Blvd. 30' wide taken  
 15' on each side of PL line (Sta 6+05<sup>24</sup>  
 Catalina XSecs.) see P. 3.

(P. 44)

O.T.P. 4.71 311.53 306.82

0+00 = EL. Catalina (30' E of Mon.)

N.L. 5.7 305.8

± 5.5 306.0

S.L. 5.1 306.4

0+50

S.L. 6.0 305.5

± 6.2 305.3

N.L. 6.6 304.9

1+00

N.L. 6.4 305.1

± 6.3 305.2

S.L. 6.0 305.5

1+50

S.L. 6.0 305.5

± 6.3 305.2

N.L. 6.0 305.5

2+00

N.L. 6.2 305.3

± 6.1 305.4

S.L. 5.8 305.7

2+50

S.L. 5.7 305.8

± 5.9 305.6

N.L. 6.3 305.2

PLOTTED  
 JUNE 4, 29  
 DAVIES

59

3+00 311.53

N.L. 4.5 307.0

± 4.7 306.8

S.L. 4.5 307.0

4+00

S.L. 0.7 310.8

± 1.1 310.4

N.L. 0.5 311.0

Profile of Culvert location shown on  
 Page 2 at 6+65

X.T.P. 4.33 248.08 243.75

0+00 3.2 244.9

+20 4.1 244.0

+27 4.6 243.5

+40 4.5 243.6

+55 4.5 243.6

+58 3.9 244.2

+70 5.1 243.0

0+96 7.9 240.2

1+85 9.6 238.5

2+10 10.3 237.8

Profile of Main Drive to Theosophical  
Institute at 12+96 Catalina X Secs.  
(See P2 & 31)

± Drwl. Catalina 906 268.58 259.52

0+00 = W.L. Catalina

0+50

N.L. 10.56 258.02

± 9.74 258.84

S.L. 7.88 258.70

1+00

S.L. 10.15 258.43

± 10.44 258.14

N.L. 11.04 257.54

1+50

N.L. 10.64 257.94

± 10.01 258.57

S.L. 10.07 258.51

2+00

S.L. 8.60 259.98

± 8.41 260.17

N.L. 8.26 260.32

2+50

N.L. 6.68 261.90

± 6.10 262.48

S.L. 6.16 262.42

PLOTTED  
JUNE 4, 29  
DAVIES

5/25/29  
London X Sec Talbot Street from  
EL Catalina to 500' East  
40' St 5' cbs 30' Rdway.

60

B.M. 4.41 265.09 260.68

B.P. N.W.  
Catalina &  
Santa Barbara

0+00 = EL Catalina (40' E of P.L. line)

N.L. 4.2 260.9

cb 4.1 261.0

1/4 4.0 261.1

± 4.1 261.0

1/4 4.3 260.8

cb 4.5 260.6

S.L. 4.8 260.3

0+50

S.L. 5.9 259.2

cb 5.8 259.3

1/4 5.6 259.5

± 5.5 259.6

1/4 5.5 259.6

cb 5.4 259.7

N.L. 5.3 259.8

1+00

N.L. 7.1 258.0

cb 7.1 258.0

1/4 7.0 258.1

± 7.0 258.1

1/4 7.1 258.0

cb 7.4 257.7

± 7.5 257.6

S.L. 7.1 258.0

PLOTTED  
JUNE 4, 29  
DAVIES

1+50		
S.L.	8.7	256.4
+3	9.2	255.9
eb	9.1	256.0
1/4	9.0	256.1
<del>1/4</del>	8.8	256.3
1/4	8.8	256.3
eb	8.5	256.6
NL	8.7	256.4
2+00		
NL	8.8	256.3
+3	10.3	254.8
eb	10.3	254.8
1/4	10.7	254.4
<del>1/4</del>	10.8	254.3
1/4	10.8	254.3
eb	11.0	254.1
+3	11.2	253.9
S.L.	10.6	254.5
2+50		
S.L.	12.5	252.6
+2	13.1	252.0
eb	13.1	252.0
1/4	13.0	252.1
<del>1/4</del>	13.0	252.1
1/4	13.0	252.1
eb	12.7	252.4

2+50		265.09	
+2		12.7	252.4
NL		12.0	253.1
TP	0.38	252.56	12.91
3+00			
NL		2.3	250.3
+4		3.0	249.6
eb		3.0	249.6
1/4		3.1	249.5
<del>1/4</del>		3.1	249.5
1/4		3.1	249.5
eb		2.8	249.8
+4		2.8	249.8
S.L.		2.2	250.4
3+50			
S.L.		5.4	247.2
+1		5.8	246.8
eb		5.8	246.8
1/4		6.2	246.4
<del>1/4</del>		6.2	246.4
1/4		6.2	246.4
eb		6.2	246.4
+3		5.9	246.7
NL		5.1	247.5



4+00		252.56	
NL	8.4	244.2	
+2	8.4	244.2	
eb	9.5	243.1	
1/4	9.4	243.2	
1/4	9.4	243.2	
1/4	9.4	243.2	
eb	9.4	243.2	
+4	9.2	243.4	
S.L.	8.3	244.3	

4+50			
S.L.	11.5	241.1	
+0 <sup>E</sup>	12.3	240.3	
eb	12.7	239.9	
1/4	12.7	239.9	
1/4	12.7	239.9	
1/4	12.8	239.8	
eb	13.1	239.5	
+3	12.0	240.6	
NL	12.0	240.6	

5+00		252.56	
NL	14.9	237.7	
+4	15.1	237.5	
eb	16.1	236.5	
1/4	15.8	236.8	
1/4	15.4	237.2	
1/4	15.6	237.0	
eb	15.4	237.2	
S.L.	15.6	237.0	

8-14-29 Cb levels on returns of 32nd  
 J.C. Bliss + Elm + cb-gutter + g levels to 175'  
 Dribent  
 Road North of N cb line Elm

B.M. N.W. B.P. Bancroft + Elm 226.53  
 +566

T 232.19'

N.E. Return 32nd + Elm - 28' Radius - 4 parts 11' each - approx.

East end	8.91	223.28
G	9.55	222.64
+11	8.82	223.37
G	9.43	222.76
+22	8.41	223.78
G	9.08	223.17
+33	7.70	224.49
G	8.24	223.95
+44 = North end	7.18	225.01
G	7.73	224.46
N.W. Return - 28' Radius		
North end	7.54	224.65
G	7.93	224.26
+11	8.45	223.74
G	8.99	223.20
+22	9.22	222.97
G	9.87	222.32
+33	7.89	222.30
G	10.56	221.63
+44 = West end	10.39	221.80
G	10.99	221.20

S.W. Return - 28' Radius

West end	12.19	220.00
+11	12.45	219.74
+22	12.73	219.46
+33	12.90	219.29
+44 = South end	13.21	218.98

S.E. Return - 20' Radius - 4 Parts - 11.75 each - approx.

South end	12.19	220.00
+7.75	11.78	220.41
+15.50	11.38	220.81

Note - 32nd paved to N cb line Elm

T 232.19

53

+23.25	10.93	221.26
+31 = East end	10.43	221.76
N cb Line Elm = 0+00		
g Paving N cb line Elm	9.42	222.77
0+28 = P.C. of N.E. and N.W. Returns		
ETpcb	7.13	225.06
G	7.69	224.50
G	7.31	224.88
G	7.91	224.28
WTpcb	7.55	224.64

0+32 - B.V. in East cb. line

WTpcb	6.92	225.27
G	7.40	224.79
G	6.85	225.34
G	7.35	224.84
ETpcb	6.92	225.27

0+50

ETpcb	3.89	228.30
G	4.37	227.82
G	3.82	228.37
G	4.36	227.83
WTpcb	3.86	228.33

-0.37 231.82

+13.23 245.05

π 245.05

0475

W-Gutter-Driveway	13.10	231.95
⊕	12.51	232.54
G	130.2	232.03
E Tpcb	12.53	232.52
	-1400	
E-Gutter-Driveway	8.88	236.17
⊕	8.27	236.78
G	8.76	236.29
W Tpcb	8.22	236.83

1425

W Tpcb	2.61	
G-Driveway	4.61	240.44
⊕	4.07	240.98
G	4.59	240.46
E Tpcb	4.05	241.00

1450

E-Gutter-Driveway	0.85	244.20
⊕	0.27	244.78
G	0.73	244.32
W Tpcb	0.22	244.83
T.P.		244.40

-0.65

+1318

π 252.58

1475

N-Gutter-Driveway	10.84	247.24
⊕	9.74	247.84

π 257.58

64

G	10.36	247.22
E Tpcb	9.77	247.81
T.P.		257.18
	-0.40	
	+1201	269.19
B.M. In <sup>East</sup> walk about center of block between Elm & Grays	-1.15	268.04
	+1118	279.27
B.M. S.W. S.P. 32nd & Grays		276.87
	-2.35	
Correct		276.96

Landis St Section  
Marlborough to 42<sup>nd</sup>

10-28<sup>th</sup> 1929  
Miller

347.67

100.0

(51.85 Bet. Cbs)

B.M.B.P.	2.53	349.62	347.09	N.W. Marlborough + Nightman	S. ent. cl	5.24	342.39	65
T.P. or B.M.B.P.	4.59	347.67	6.54	343.08	N.W. Landis + Marlborough	gutter	5.4	341.8
							5.4	342.2
							4.4	342.8
N. ent. cl		4.58	343.09	✓	c		5.1	342.5
gutter Parms		5.29	342.38	✓	"		5.5	342.1
"		4.97	342.70		gutter		4.84	342.83
♀		5.03	342.64	✓	N. ent. cl			
"		5.24	342.43					
gutter		5.68	341.99	✓				
S. ent. cl.		5.16	342.51	✓	N. line on Alley Ret	4.73	342.94	
					" dirt	5.0	342.6	
					N. ent. cl.	4.90	342.77	
S. ent. cl		5.14	342.53		gutter	5.5	342.1	
gutter		5.6	342.0		"	5.0	342.6	
"		5.0	342.6		c	4.8	342.8	
c		4.7	343.0		"	5.3	342.3	
"		4.8	342.8		gutter	5.4	341.8	
gutter		5.4	342.2		S. ent. cl	5.39	342.28	
N. ent. cl		4.64	343.03		S. line Alley Return	5.14	342.53	
					" dirt	5.3	342.3	
N. ent. cl		4.77	342.90					
gutter		5.4	342.2					
"		4.9	342.7					
c		4.8	342.8					
"		5.2	342.4					
gutter		5.8	341.8					
S. ent. cl		5.20	342.47					

Plotted Oct. 29-1929 - G.B.M.

10.0

50.0

140.0 = W. line Alley

347.67

160'E = E. Line Alley

S. line ent. Return + dirt	5.06	342 61
S. ent. ch	5.34	342 33
gutter	5.8	341 8
"	5.4	342 2
e	4.9	342 7
"	5.1	342 5
gutter	5.5	342 1
N. ent. ch	5.00	342 67
N. line, ent. Return + dirt	4.81	342 86

From 185'E to 190.E N. curb Broken

200'E. (51.9 Bet. chs)

N. ent. ch	5.11	342 56
gutter	5.5	342 1
"	5.2	342 4
e	4.9	342 7
"	5.4	342 2
gutter	5.9	341 7
S. ent. ch	5.38	342 29

250'E.

S. ent. ch	5.43	342 24
gutter	6.1	341 5
"	5.4	342 2
e	5.1	342 5
"	5.3	342 3
gutter	5.6	342 0
N. ent. ch	5.13	342 54

347.67

285'E.

N. ent. ch	5.31	342 36
gutter	5.6	342 0
"	5.3	342 3
e	5.1	342 5
"	5.6	342 0
gutter	6.2	341 4
S. ent. ch	5.58	342 09

300'E = N. Line. 42' 51" (51.75 Bet. chs)

S. ent. ch	5.59	342 08
gutter Parmit	6.08	341 59
"	5.84	341 83
"	5.76	341 91
"	5.74	341 93
gutter "	5.82	341 85
N. ent. ch.	5.33	342 34
T.P.	10.17	352 69
chk on B.M. B.P.	0.13	352.56 = 352.57 + Wightman

Landis

66

12-10-29 Section Alley Block 3  
 J.C. Bliss Washington Hts. Ft Stockton  
 Drebert to Lewis-Between Ingalls & Jackson  
 Runway 15' wide

B.M. S.E. B.P. Ingalls & Ft. Stockton 272.98 ✓  
 +467

T 277.65

North Gutter Fort Stockton Poring

Plotted 12/12/29

W	6.30	271.35
E	6.45	271.20
E	6.50	271.13
N.H. Ft. Stockton = 0+00		
E T p.c.b.	5.70	271.95
G	5.84	271.81
E	6.07	271.58
G	5.68	271.97
W T p.c.b.	5.58	272.07

Note - Sta 0+00 to 0+76 on East side

of alley - ornamental hedge by church extends 2.5' into alley

0+17

8' Garage Apron 8.5' Back W. to Concrete 4.47 273.18

0+25

W	4.5	273.2
E	4.8	272.9
E	4.8	272.9

Out 0.5' Edge concrete walk that started at 0+00 4.89 272.76

T 277.65

0+50

Out 0.5' edge walk	4.79	272.86
E	4.8	272.9
E	4.6	273.1
W	4.8	272.9

0+71

End Concrete Garage apron 4' Back N.H. 4.70 272.95

0+75

W	4.8	272.9
E	4.7	273.0
E	4.7	273.0
Out 0.5' edge walk	4.73	272.92

0+95

End concrete walk that started at 4.69 272.96

0+00 - 95' Back E.L.

1+00

E	4.7	273.0
E	4.6	273.1
W	4.4	273.3

1+21

8' Garage 4' Back W.H. Dirt Floor 4.0 273.7

1+25

W	4.0	273.7
E	4.1	273.6
E	4.4	273.5

67

Σ 277.65

T.P. -3.79 273.86

+6.00

Σ 279.86

1+33

± 14' Garage 1' Back E.L. Concrete Floor  
North end edge floor 5.93 273.93  
South " " 5.96 273.90

1+48

± 10' Garage 4.5' Back E.L. Concrete Floor 5.65 274.21

1+50

E 5.9 274.0  
± 5.5 274.4  
W 5.5 274.4

1+75

W 5.2 274.7  
± 5.2 274.7  
E 5.3 274.6

1+79

± 8' Concrete Garage Apron 1.5' Back W.L. 5.12 274.74

1+95

± 14' Double Garage 7' Back W.L. Concrete Floor  
South end edge floor 4.48 275.38  
North " " 4.46 275.40

Σ 279.86

68

2+00

E 5.1 274.8  
± 4.9 275.0  
W 4.7 275.2

2+25

W 4.5 275.4  
± 4.6 275.3  
E 4.8 275.1  
W 4.7 275.2

2+50

E 4.5 275.4  
± 4.5 275.4  
W 4.6 275.3

T.P. 4.98 274.88

+759

Σ 282.47

2+76 = S.L. Lewis

W T p.c.b. + paving flush 7.62 274.85  
± 8.06 274.41  
E T p.c.b. + paving flush 7.80 274.67

South gutter line Lewis

E 8.65 273.82  
± 8.60 273.87  
W 8.54 273.93

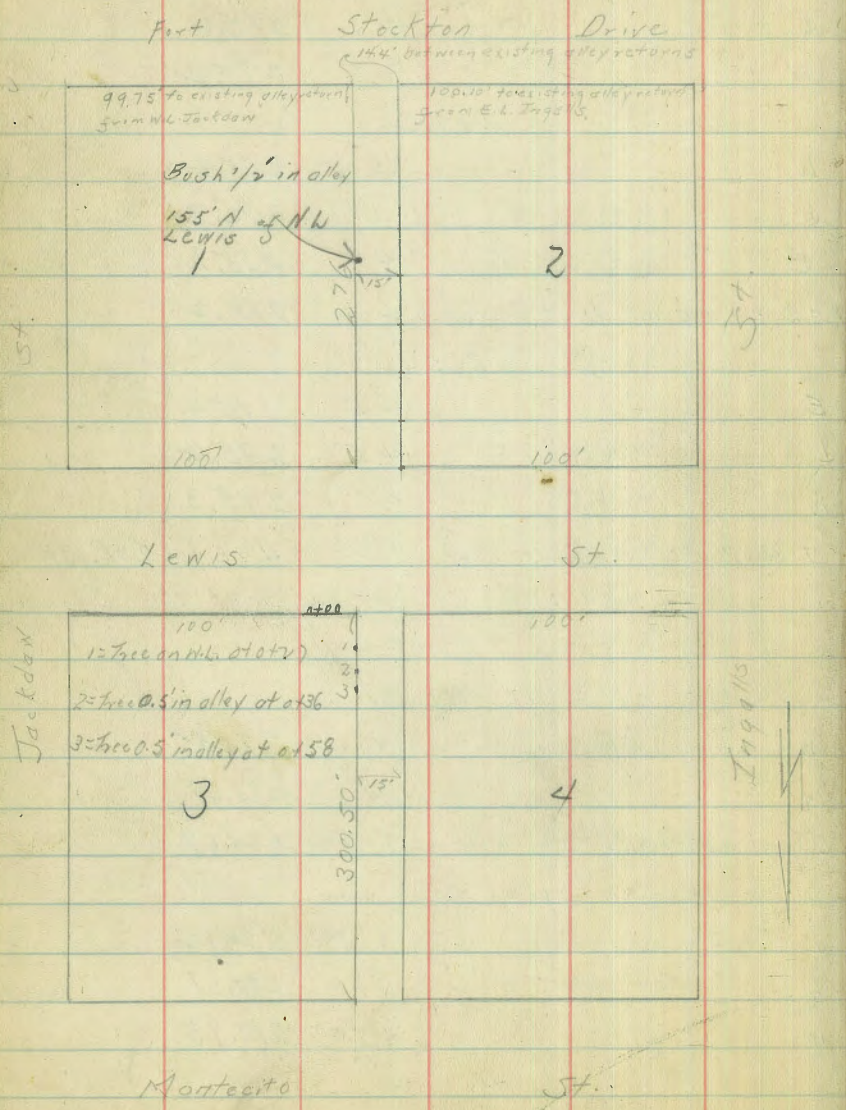
J.C. Bliss X-section Alley Block / Washington Hts - Lewis to Montecito between Jackson & Ingalls - 15' wide

T 292.47 (Page 68)

Northutter Line Lewis

W	8.59	273.88
E	8.82	273.65
E	8.90	273.57
N. L. Lewis = 0+00		
E Tr cb + paving flush	8.10	274.37
E	8.29	274.18
W Tr cb + paving flush	7.85	274.62
0+25		
W	6.4	276.1
E	6.7	275.8
E	6.3	276.2
0+44		
E 8' Garage	6.5	276.0
6.5' Back E. h. Dirt + Floor	6.5	276.0
0+50		
E	6.1	276.4
E	6.2	276.3
W	6.0	276.5
0+75		
W	5.3	277.2
E	5.6	276.9
E	5.6	276.9

Plotted 12/12/29  
T.C.





π 282.47

0+93

⊥ 10' Garage 2' Back W. h. Dirt Floor 5.1 277.4

0+94

⊥ 8' Garage 2' Back E. h. Dirt Floor 5.5 277.0

1+00

E 5.4 277.1

⊥ 5.1 277.4

W 5.1 277.4

1+07

⊥ 8' Garage 5.5' Back E. h. Concrete Floor 5.26 277.21

1+16

⊥ 8' Garage 5.5' Back E. h. Dirt Floor 5.4 277.1

1+25

⊥ 2.5 Concrete walk at W. h. 4.67 277.80

W 4.8 277.7

⊥ 5.0 277.5

E 5.1 277.4

1+43

⊥ 8' Concrete Garage Apron 0.5' Back W. h. 4.52 277.95

1+50

E 4.9 277.6

⊥ 4.9 277.6

W 4.8 277.7

1+59

⊥ 8' Garage Apron 3' Back E. h. Concrete 5.24 277.22

π 282.47

70

1+75

4.8 277.7

4.6 277.9

4.8 277.7

1+94

⊥ 8' Garage 3' Back W. h. Concrete Floor 4.54 277.93

2+00

E 4.9 277.6

⊥ 4.8 277.7

W 4.6 277.9

2+25

N 5.0 277.5

⊥ 5.1 277.1

E 5.2 277.3

T.O. 542 277.05

10.92

π 277.97

2+40

⊥ 10' Garage 4.5' Back E. h. Dirt Floor 0.9 277.1

2+50

E 1.3 276.7

⊥ 1.2 276.8

W 1.1 276.9

2+52

⊥ 10' Concrete Apron at E. h. (Core) 1.22 276.75

27797

2+65

± 27' Concrete Garage Apron at W.L.		
South end edge apron	121	276.86
North " " "	240	275.57

2+75

W	2.4	275.6
±	2.2	275.8
E	2.3	275.7

2+61

± 2' Concrete <sup>walk</sup> at E.L.	160	276.37
---------------------------------------	-----	--------

3+00<sup>SE</sup> = S.L. Montecito

E Tpcb	360	274.37
G	374	274.23
±	380	274.17
W Tpcb + paring flush	388	274.09

South Gate v Montecito

W	465	273.32
±	444	273.53
E	434	273.63

Note - Paring at alley on Montecito is in poor condition.

B.M. S.W.B.P. Montecito + Jackdaw	248	275.49
	Correct -	275.50

71

20' wide

X See Alley BIK 173 U.H.  
Lincoln to Park  
Bet Mississippi & Louisiana sts.

Miller  
McHugh  
J.E. Bliss  
Ranney

301.86  
0+75 N

72

B.M.	10.51	292.50	281.99	S.E. Univ & Mississippi	E	10.8	2910
T.P.	7.67	300.05	292.38		E	11.0	2909
T.P.	6.49	301.33	294.84		W	11.1	2908
Set B.M. B.P.		1.35	299.98	S.E. Lincoln & Louisiana	+5	11.1	2908
				S.W. End Parvnt.			
				14' N. of N. ch. line Lincoln			
				S.W. End ent. ch. Returns			
E. on ent. ch. Alley ret.		9.39	291.94		W	9.7	2922
E. " parvnt.		9.55	291.78		E	10.2	2917
E. " "		10.27	291.00		E	9.8	2921
W. " "		10.68	290.65				
W. on ent. ch. Alley Ret.		10.53	290.80		E=0.4 floor	8.3	2936 ✓
				0+00 = N. line Lincoln Ave = 20' N. of N. ch. of Lincoln			
W		10.6	290.7		E	8.3	2936
E		10.4	290.9		W	8.2	2937
E		9.3	292.0				
				0+15' N			
E		10.5	290.8		W	5.1	2968
E		10.6	290.7		E	5.9	2960
W.		10.9	290.4		E	6.3	2955
T.P.	11.10	301.86	290.76				
				0+41 N = double garage 2.5' W. of W. line ent. floor			
W-2.5 floor garage		11.49	290.37 ✓		E	5.8	2961
W		11.2	290.6		E	5.4	2965
E		11.1	290.8		W	5.0	2969
E		11.2	290.6		W+0.8	4.55	297.31 ✓
				2+35 garage on W. dirt floor 1-3 Back			
					W-1.3	3.1	298.8 ✓
					W	3.1	298.8
					E	3.9	298.0
					E		

Plotted  
7-23-30  
C.B.H.

440 double garage on E dirt floor 0.4 E. of E. line ✓

1+87 garage on W ent. floor 0.8 Back ✓

301.86

2+13

S. End Shack on E. 1.0 in Alley

From 2+33 To 2+40 projection on above shack 3.0 in Alley

2+50

N. End above shack 1.0 in Alley

2+65

E 3.6 298.3

E 2.9 299.0

N. 2.2 299.7

3+00

N 1.2 300.7

E Top M.H. 1.49 300.37 ✓

E ground 1.7 300.2

E 1.8 300.1

3+09 garage on E. dirt floor 0.8 in Alley ✓

E + 0.8 floor 1.8 300.1 ✓

3+25

E 1.2 300.7

E 1.1 300.8

N 0.6 301.3

T.P. 7.40 310.96 0.30 301.56

3+55 } garage on W. dirt floor 1.5 Back  
" " E. " " 0.2 "

W-1.5 floor 8.8 302.1 ✓

W 8.4 302.1

E 9.6 301.3

E floor 9.3 301.6 ✓

310.96

3+75

E 8.5 302.4

E 8.7 302.2

W 8.2 302.7

4+00 S. End 5 garages on W 5.2 Back ✓

W.- floor 5.62 305.34

W. on E. edge cnt. Apron 6.52 304.44 ✓

E 7.1 303.8

E 8.2 302.7

E 8.1 302.8

4+25

E 7.7 303.2

E 7.8 303.1

W on E. Edge cnt. Apron 6.3 304.6

4+41 garage on E cnt. floor 0.5 in Alley ✓

H.W. of E. line on W. edge cnt. Apron 7.47 303.49 ✓

0.5 W. of E. line floor 7.40 303.56 ✓

4+50 N. End above garages on W. ✓

W-5.2 floor 5.63 305.33 ✓

W. on E. End. cnt. Apron 6.10 304.86 ✓

E 6.5 304.4

E 7.2 303.7

E 7.1 303.8

4+75

E 6.6 304.3

E 6.7 304.2

W 5.8 305.1

Alley B14 173. U.H.

73

310.96

4+91 garage on E. dirt floor 0.4 in Alley ✓

W 5.9 3050

E 6.4 3045

E floor 4.6 3043 ✓

5+07 garage on E dirt floor 3.5 Back ✓

E-3.5 4.2 3047 ✓

E 6.1 3048

E 5.9 3050

W 5.3 3056

5+32 garage on W dirt floor 0.5 Back ✓

W floor 4.4 3065 ✓

E 5.2 3057

E 5.7 3052

+3 6.0 3049

5+44 garage on W dirt floor 0.5 Back ✓

E-2 5.2 3057

E 5.0 3059

E 4.4 3064

W floor 3.8 3071 ✓

5+75

W 2.6 3083

E 3.2 3077

E 3.8 3071

+2 3.8 3071

6+00 = 5. line Polk Ave

E 2.7 3082

E 2.3 3086

W 1.8 3091

Alley 173 2 H.

310.96

T.P. 9.91 313.65 7.22 303.74

T.P. 12.95 326.47 0.13 313.52

zhk on BM.

1.52 324.95 = 324.95

S.E. TEXAS  
+ Polk Ave

74

Levels on NW Cor. India + Kalmia  
and floor of City Dye Works

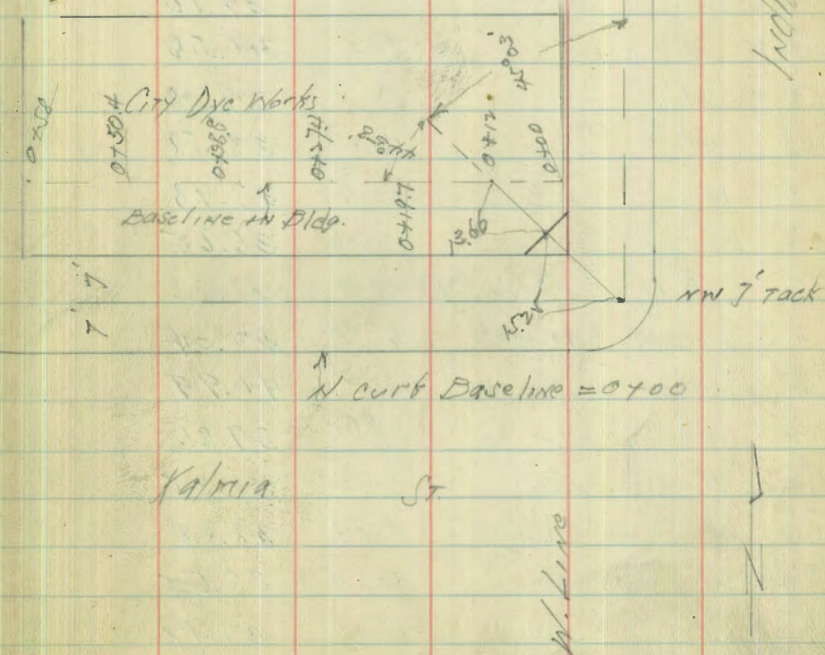
Moore  
Sisson  
Northrup  
4-5-34

Sid 7' track  
Laurel + India 75

SW BP India + Juniper	2.57	49.44 ✓	46.87	B.M. used	9-30-27 Gr. Book 128-80
T.P.	6.93	48.81 ✓	41.88	" "	3-21-29 " " 135-76

N. Co. of Kalmia

W.L. India Top cb	7.11	41.70	Grade Pt. 3-21-29
0.8 W " "	7.17	41.64	
" Crow ft. Set 5-21-29	7.45	41.36	gutter
20.6 W of W.L. Top cb	8.22	40.59	
" " " gut	8.68	40.13	
25.2 W of W.L. Top cb	8.45	40.36	
" " " gut	8.92	39.89	Grade Pt. 3-21-29
40.5 W of W.L. Top cb	9.26	39.55	
" " " gut	9.80	39.01	
50.3 W " Top cb	9.73	39.08	
" " " Crow foot	10.43	38.38	Set 5-21-29 near 11th of Drain
60 W of W.L. Top cb	10.32	38.49	
" " " gut	10.98	37.83	
72.5 " " Top cb	10.90	37.91	
" " " gut	11.56	37.25	
100 " " Top cb	12.22	36.59	
" " " gut	12.92	35.87	
4.5 N of N curb Kalmia = Sedge sidewalk			
W.L. India	7.00	41.81	
20.6 W	8.13	40.68	
40.5 W	9.19	39.62	



7' 5'  
N curb  
India St

NW 7' track

N curb Baseline = 0400

Kalmia St

N. Line

1881

76

50.5 w of WL India	9.75	39.06
60 " " "	10.27	38.54
72.5 " " "	10.87	37.94
100 " " "	12.18	36.63

9.5 N of N curb Kalma = Nedge sidewalk

WL India	6.95	41.86
20.6 w	8.18	40.63
30.7 w	8.22	40.59
40.5 w	9.31	39.50
40.6 w	9.23	39.58
50.5 w	9.73	39.08
60 w	10.23	38.58
72.5 w	10.83	37.98
100 w	12.16	36.65

14' N of N curb Kalma = WL X

WL India Cem. walk	6.77	42.04
20.6 w " Col. Base	7.82	40.99
40.5 w " " "	8.95	39.86
50.3 w Cem. walk	9.46	39.35
60 w Conc. Cd. Base	9.93	38.88
72.5 w Conc. Dr.	10.16	38.65
100 w Conc. Dr.	11.09	37.72

NL Kalma + w of India 7.05 41.76 Top cb El. 41.80 = 9-30-27 Cr. Pt. 128-80

4881

20' N of Neb Line Kalmia

WL India	6.61	42.20
Neb " Top of	6.91	41.90
" gut	7.27	41.54

30' N of Neb Kalmia

WL India	6.27	42.54
Neb Top	6.51	42.30
" gut	6.85	41.96

48' N of Neb Kalmia

WL India	5.62	43.19
Neb " Top	5.74	43.07
" gut	6.14	42.67

64' N of Neb Kalmia

WL India	5.00	43.81
Neb Top	5.43	43.38
" gut	5.78	43.03
T.P.	6.93	41.88

Levels on floor Bldg. p 28



Levels on Cert. floor of  
City Dye Works Bldg

7.9	4.95	46.81	41.88
0700	Baseline		
	Baseline	4.52	42.29
20 N		4.49	42.32
7 S		4.53	42.28
	0712		
	Baseline	4.55	42.26
14 S		4.58	42.23
20 N		4.52	42.29
	0719.7		
	Baseline	4.73	42.08
6 S		4.72	42.09
5 N		4.72	42.09
12 N		4.56	42.25
20 N		4.52	42.29
	0727.4		
	Baseline	4.92	41.89
12 S		4.65	42.16
5 N		4.88	41.93
12 N		4.68	42.13
20 N	could not see		
	0738.8		
	Baseline	4.86	41.95
8 S		4.79	42.02
5 N		4.87	41.94

46.81

12 N		4.81	42.00	78
20 N		4.63	42.18	
T.P.	4.97	47.05	4.72	42.08 +
	0750.4			
	Baseline		4.98	42.07
12 S			4.87	42.18
5 N			4.95	42.10
20 N			4.85	42.20
	0758 - W end			
	Baseline		4.77	42.28
20 N			4.82	42.23
5 N			4.83	42.22
	Baseline		4.86	42.19
12 S			4.86	42.19
T.P.	5.02	47.12	4.97	42.08
T.P.	7.59	49.47	5.24	41.88
ch. to B.P.			2.60	46.87 ✓ 46.87

SWAP  
Lardier  
Juniper

Reset South West Corner Lot 5  
Block 2 Tract 1878 Rosacrans Park

June 13-47  
S. Non  
McCoy  
Hildy  
Williams  
W.O. 21018

This Corner Destroyed by  
City Blade

Moana Drive

Reset 1/2  
+ DIVS  
RF 4847  
Block 2  
Rosacrans Park

Indexed  
C.S.K.

La Paloma St.

125 20 125

24 1

23 2

22 3

Palipalip  
RF 4849

Palipalip  
RF 4847

Lea, Co  
1998

50'  
Felix + Dina  
RF 4847

4  
5  
6  
7  
8

Savoy St.

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 1/2 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body

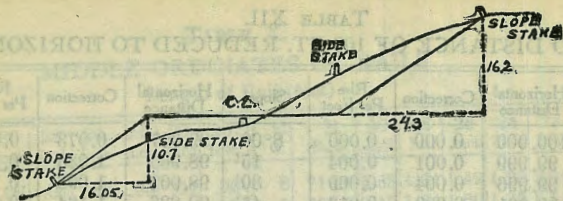
rows in same row and column gives distance from side stake to slope stake. If ground is not

amount it cut, elevate it. Add this amount to cut or fill and distance in table. Set up rod at this point, and line of sight should cut target. necessary.

TABLE No. 2.

To find Tangent and External for curve of any other degree, divide by degree of curve and add correction found in column of corrections. Degree of curve with a given I may be found by dividing tangent (or external), opposite I by given tangent (or external).

The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius.



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

SLOPE 1 1/4 TO 1. ROADWAY OF ANY WIDTH.

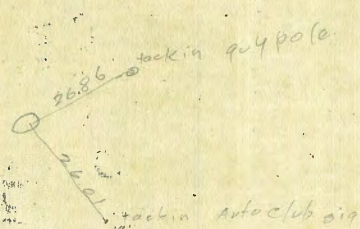
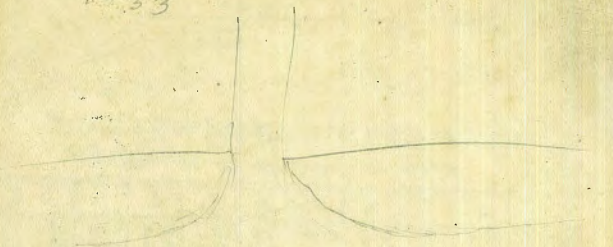
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0 00	0 15	0 30	0 45	0 60	0 75	0 90	1 05	1 20	1 35	0
1	1 50	1 65	1 80	1 95	2 10	2 25	2 40	2 55	2 70	2 85	1
2	3 00	3 15	3 30	3 45	3 60	3 75	3 90	4 05	4 20	4 35	2
3	4 50	4 65	4 80	4 95	5 10	5 25	5 40	5 55	5 70	5 85	3
4	6 00	6 15	6 30	6 45	6 60	6 75	6 90	7 05	7 20	7 35	4
5	7 50	7 65	7 80	7 95	8 10	8 25	8 40	8 55	8 70	8 85	5
6	9 00	9 15	9 30	9 45	9 60	9 75	9 90	10 05	10 20	10 35	6
7	10 50	10 65	10 80	10 95	11 10	11 25	11 40	11 55	11 70	11 85	7
8	12 00	12 15	12 30	12 45	12 60	12 75	12 90	13 05	13 20	13 35	8
9	13 50	13 65	13 80	13 95	14 10	14 25	14 40	14 55	14 70	14 85	9
10	15 00	15 15	15 30	15 45	15 60	15 75	15 90	16 05	16 20	16 35	10
11	16 50	16 65	16 80	16 95	17 10	17 25	17 40	17 55	17 70	17 85	11
12	18 00	18 15	18 30	18 45	18 60	18 75	18 90	19 05	19 20	19 35	12
13	19 50	19 65	19 80	19 95	20 10	20 25	20 40	20 55	20 70	20 85	13
14	21 00	21 15	21 30	21 45	21 60	21 75	21 90	22 05	22 20	22 35	14
15	22 50	22 65	22 80	22 95	23 10	23 25	23 40	23 55	23 70	23 85	15
16	24 00	24 15	24 30	24 45	24 60	24 75	24 90	25 05	25 20	25 35	16
17	25 50	25 65	25 80	25 95	26 10	26 25	26 40	26 55	26 70	26 85	17
18	27 00	27 15	27 30	27 45	27 60	27 75	27 90	28 05	28 20	28 35	18
19	28 50	28 65	28 80	28 95	29 10	29 25	29 40	29 55	29 70	29 85	19
20	30 00	30 15	30 30	30 45	30 60	30 75	30 90	31 05	31 20	31 35	20
21	31 50	31 65	31 80	31 95	32 10	32 25	32 40	32 55	32 70	32 85	21
22	33 00	33 15	33 30	33 45	33 60	33 75	33 90	34 05	34 20	34 35	22
23	34 50	34 65	34 80	34 95	35 10	35 25	35 40	35 55	35 70	35 85	23
24	36 00	36 15	36 30	36 45	36 60	36 75	36 90	37 05	37 20	37 35	24
25	37 50	37 65	37 80	37 95	38 10	38 25	38 40	38 55	38 70	38 85	25
26	39 00	39 15	39 30	39 45	39 60	39 75	39 90	40 05	40 20	40 35	26
27	40 50	40 65	40 80	40 95	41 10	41 25	41 40	41 55	41 70	41 85	27
28	42 00	42 15	42 30	42 45	42 60	42 75	42 90	43 05	43 20	43 35	28
29	43 50	43 65	43 80	43 95	44 10	44 25	44 40	44 55	44 70	44 85	29
30	45 00	45 15	45 30	45 45	45 60	45 75	45 90	46 05	46 20	46 35	30
31	46 50	46 65	46 80	46 95	47 10	47 25	47 40	47 55	47 70	47 85	31
32	48 00	48 15	48 30	48 45	48 60	48 75	48 90	49 05	49 20	49 35	32
33	49 50	49 65	49 80	49 95	50 10	50 25	50 40	50 55	50 70	50 85	33
34	51 00	51 15	51 30	51 45	51 60	51 75	51 90	52 05	52 20	52 35	34
35	52 50	52 65	52 80	52 95	53 10	53 25	53 40	53 55	53 70	53 85	35
36	54 00	54 15	54 30	54 45	54 60	54 75	54 90	55 05	55 20	55 35	36
37	55 50	55 65	55 80	55 95	56 10	56 25	56 40	56 55	56 70	56 85	37
38	57 00	57 15	57 30	57 45	57 60	57 75	57 90	58 05	58 20	58 35	38
39	58 50	58 65	58 80	58 95	59 10	59 25	59 40	59 55	59 70	59 85	39
40	60 00	60 15	60 30	60 45	60 60	60 75	60 90	61 05	61 20	61 35	40
41	61 50	61 65	61 80	61 95	62 10	62 25	62 40	62 55	62 70	62 85	41
42	63 00	63 15	63 30	63 45	63 60	63 75	63 90	64 05	64 20	64 35	42
43	64 50	64 65	64 80	64 95	65 10	65 25	65 40	65 55	65 70	65 85	43
44	66 00	66 15	66 30	66 45	66 60	66 75	66 90	67 05	67 20	67 35	44
45	67 50	67 65	67 80	67 95	68 10	68 25	68 40	68 55	68 70	68 85	45
46	69 00	69 15	69 30	69 45	69 60	69 75	69 90	70 05	70 20	70 35	46
47	70 50	70 65	70 80	70 95	71 10	71 25	71 40	71 55	71 70	71 85	47
48	72 00	72 15	72 30	72 45	72 60	72 75	72 90	73 05	73 20	73 35	48
49	73 50	73 65	73 80	73 95	74 10	74 25	74 40	74 55	74 70	74 85	49
50	75 00	75 15	75 30	75 45	75 60	75 75	75 90	76 05	76 20	76 35	50

Computed by L. Leland Locke.

291.94  
 4.20  
 296.14

E Gutter & W Gutter  
 525      564      603  
 290.89    290.50    on East 5' back 4.90  
 291.24

343.75  
433



53934  
60031  
90.23  
1229.67

back in auto club sign  
107.12  
144  
99.75  
100.1  
214.25  
107.12

Catalina & Paru 100' N of Tank  
N.E. Mon. 375.16

24.49  
551.79  
4270  
3  
72.70

ENGINEERING DEPARTMENT,  
CITY OF SAN DIEGO,  
CALIFORNIA.