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400 LEVEL

F.B. 428

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, and Mathematical Instruments, San Francisco.

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

428

MICROFILMED

1364

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

Crocker Quality

LEVEL BOOK

No. 400

FROM
Loring's Book Store

MANUFACTURED BY

A. S. Crocker Co.

SAN FRANCISCO
and
SACRAMENTO

Clough
Colbert
Wardin
Nov/08

Crossection of Tennyson St
From Pueblo Line W Sin of Roseville to
E S of Colatina Blvd
Continued from Book 426
Pueblo Sin W S of Roseville
169.21

1 2

ns			5.7	163.5
bl			5.9	163.3
y			6.2	163.0
b			6.2	163.0
y			5.5	163.7
bl			5.0	164.2
ss			5.8	163.4
	50	w of	Pueblo Sin	
ss			7.0	162.2
bl			6.7	162.5
y			6.0	163.2
b			6.0	163.2
y			6.5	162.7
bl			6.4	162.8
ns			6.2	163.0

POSTED

TED

16921

107.5' W = E line of Clove Rd (70')

m2	6.0	163.2
h	6.4	162.8
y	6.7	162.5
b	7.0	162.2
y	7.0	162.2
h	6.7	162.9
s2	6.6	162.6

E ½ of Clove St

s2	7.7	161.5
h	7.5-	161.7
y	7.5-	161.7
b	7.3	161.9
y	6.9	162.3
h	6.5-	162.7
m2	6.1	163.1

16921

Tennyson

2

E ½ of Clove St

m2	6.0	163.2
h	6.3	162.9
y	6.9	162.3
b	7.4	161.8
y	7.6	161.6
h	7.5-	161.7
s2	7.7	161.5

Center of Clove St

s2	8.2	161.0
h	8.0	161.2
y	7.8	161.4
b	7.5-	161.7
y	7.2	162.0
h	6.2	163.0
m2	6.0	163.2

POSTED

16921

W 1/4 of Clove St

NR			6,3	162.9
bl			6,9	162.3
y			7,5	161.7
b			7,7	161.5
y			7,4	161.8
bl			7,7	161.5
SR			8,5	160.7

Wbb of Clove St

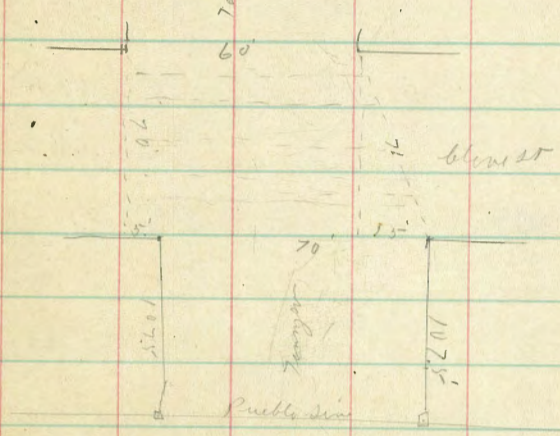
SR			8,8	160.4
bl			8,2	161.0
y			7,8	161.4
b			8,1	161.1
y			7,4	161.8
bl			7,4	161.8
NR			7,2	162.0

16921

Tennyson

W Sine of Clove St (60')

NR			6,2	163.0	
bl			6,3	162.9	
y			7,4	161.8	
b			8,6	160.6	
y			8,9	160.3	
bl			9,1	160,1	
SR			9,0	160.2	
TP	41.7	16430	9,05	160.16	BM SW Clove St



POSTED

164.30

Tennyson is 60' wide W of Clove st

	50'	W of	Clove	st	
SR			5,1	159.2	
bl			5,7	158.6	
y			5,7	158.6	
b			5,6	158.7	
y			5,5	158.8	
bl			5,0	158.3	
NR			4,5	159.8	
	100'	W of	Clove	st	
NR			5,6	158.7	
bl			5,9	158.4	
y			5,9	158.4	
b			6,3	158.0	
y			6,6	157.7	
bl			6,8	157.5	
SR			6,7	157.6	

164.30

Tennyson

4

	130	W of	Clove	st	
SR			7,7	156.6	
bl			7,4	156.9	
y			6,9	157.4	
b			6,1	158.2	
y			6,4	157.9	
bl			6,5	157.8	
NR			6,4	157.9	
	200	W of	Clove	st	
NR			5,1	159.2	
bl			5,3	159.0	
y			5,9	158.4	
bl			6,4	157.9	POSTED
y			6,8	157.5	
bl			7,2	157.1	
SR			7,7	156.6	

		164.30		
	250	w of	blow st	
sh			8,6	155.7
bl			8,2	156.1
y			7,6	156.7
b			7,2	157.1
y			7,0	157.3
bl			6,7	157.6
nr			6,4	157.9
	300	w of	blow st	
nr			10,8	153.5
bl			11,2	153.1
y			11,6	152.7
b			12,2	152.1
y			13,3	151.0
TP	1,30	152.55	13,05	151.25
bl			3,3	149.3
			5,3	147.3

		152.55			Tennyson
	325	w of	blow		
sh			10,9	141.7	
bl			10,3	142.3	
y			8,1	144.5	
b			6,7	145.9	
y			4,8	147.8	
bl			3,5	149.1	
nr			2,3	150.3	
	350	w of	blow		
nr			7,7	144.9	
bl			8,4	143.9	
y			10,3	142.3	
b			12,1	140.5	
TP	0,42	140.50	12,47	140.08	
y			1,7	138.8	
bl			3,3	137.2	
sh			4,0	136.5	

POSTED

140.50

377.5 W = nd of Sterns on S.L.

S.L.			8.0	132.5
bl			7.6	132.9
y			6.9	133.6
b			6.9	133.6
y			5.1	135.4
bl			4.6	135.9
nl			3.0	137.5
(+20.2)	E bl of		Sterns st (121.3)	
nl			7.8	132.7
bl			7.4	133.1
y			7.9	132.6
b			8.8	131.7
y			9.5	131.0
bl			10.6	129.9
SL			11.7	128.8
TP	0.20	128.28	12.42	128.08

128.28

Tenny Sw

(+20.2)	E 1/4 of		Sterns st	
SL			3.0	125.3
bl			2.5	125.8
y			2.0	126.3
b			1.0	127.3
y			0.7	127.6
bl			0.3	128.0
nl			+0.3	128.6
	center of		Sterns	
nl			3.9	124.4
bl			4.9	123.4
y			4.8	123.5
b			4.7	123.6
y			4.9	123.4
bl			5.7	122.6
SL			6.9	121.4

		128.38			
	W 1/4 of		Sterns		
SL			10.7	117.6	
bl			10.6	117.7	
y			10.5	117.8	
l			9.5	118.8	
y			8.4	119.9	
bl			7.2	121.1	
NL			6.5	121.8	
	W bl of		Stern		
NL			10.9	117.4	
bl			11.0	117.3	
y			12.1	116.2	
l			12.9	115.4	
y			13.3	115.0	
TP	1.86	117.67	12.47	115.81	
bl			3.2	114.5	
SL			3.7	114.0	

		117.67			Tenny Sen
	499'	W = S Lof	Sterns		St on S 7
SL			7.7	110.0	
bl			7.0	110.7	
y			7.0	110.7	
l			6.4	111.3	
y			4.7	113.0	
bl			3.7	114.0	
NL			3.7	114.0	
TP	3.74	109.29	12.12	105.55	Guard at Capistrano
	527'	W = E Line of Capistrano (60)			
NL			5.2	104.1	
bl			4.7	104.6	
y			4.8	104.5	
l			5.8	103.5	
y			6.2	103.1	
bl			6.0	103.3	
SL			6.1	103.2	

POSTED

POSTED

10929

E bb of Capistrano

S.L	11.5	97.8
bl	12.0	97.3
"	12.0	97.3
b	11.4	97.9
"	11.0	98.3
bl	10.0	99.3
N.L	8.7	100.6

E 1/4 of Capistrano

N.L	5.9	103.4
bl	6.4	102.9
"	6.4	102.9
b	7.7	101.6
"	8.3	101.0
bl	9.4	99.9
S.L	11.2	98.1

10929 Tennyson

Center of Capistrano

S.L	10.6	98.7
bl	8.8	100.5
"	7.7	101.6
b	6.4	102.9
"	5.9	103.4
bl	4.0	105.3
N.L	3.6	105.7

N 1/4 of Capistrano

N.L	1.0	108.3
bl	2.2	107.1
"	3.5	105.8
b	5.3	104.0
"	6.8	102.5
bl	9.6	99.7
S.L	10.0	99.3

POSTED

10.9.29

W bk of Capistrano

S2	87	100.6	
bl	7.4	101.9	
4	6.3	103.0	
6	5.0	104.3	
4	3.6	105.7	
bl	1.6	107.7	
N2	0.0	109.3	

W Side of Capistrano

N2	0.0	109.3	
bl	1.4	107.9	
4	2.8	106.5	
6	4.3	105.0	
4	5.5	103.8	
bl	6.7	102.6	
S2	7.5	101.8	

10.9.29

Jennyson

9

30' W of Capistrano

S2	7.6	101.7	
bl	6.3	103.0	
4	5.0	104.3	
6	3.3	106.0	
4	3.0	106.3	
bl	3.0	106.3	
N2	2.7	106.6	

50' W of Capistrano

N2	3.6	105.7	
bl	4.2	105.0	
4	4.0	105.3	
6	5.0	104.3	
4	6.3	103.0	
bl	7.9	101.4	POSTED
S2	7.9	101.4	

		10.9.29		
	100	w of	Capistrano	
SL			9.6	99.7
bl			8.9	100.4
y			8.0	101.3
b			7.5	101.8
y			6.9	102.4
bl			6.2	103.1
nL			5.5	103.8
	150	w of	Capistrano	
nL			6.7	102.6
bl			7.0	102.3
y			7.6	101.7
b			8.1	101.2
y			8.6	100.7
bl			9.1	100.2
SL			9.5	99.8

		10.9.29		Tennyson
	200	w of	Capistrano	
SL			9.8	99.5
bl			9.5	99.8
y			9.1	100.2
b			8.7	100.6
y			8.3	101.0
bl			8.2	101.1
nL			8.0	101.3
	225	w of	Capistrano	
nL			7.0	102.3
bl			8.0	101.3
y			8.7	100.6
b			8.7	100.6
y			8.2	101.1
bl			7.9	101.4
SL			8.3	101.3

POSTED

		109.29		
	250'	w of	Copistrano	
SL			10.1	99.2
bh			9.8	99.5
y			9.5	99.8
b			9.2	100.1
y			8.9	100.4
bl			8.6	100.7
nL			8.3	101.0
TP	4.45	106.41	7.28	101.96
	300'	w of	Copistrano	
nL			4.5	101.9
bh			4.3	102.1
y			4.3	102.1
b			4.8	101.6
y			5.5	100.9
bl			5.9	100.5
SL			6.4	100.0

		106.41		
	315'	w of	Copistrano	
SL			5.8	100.6
bh			5.7	100.7
y			5.0	101.4
b			4.1	102.3
y			3.2	103.2
bl			3.1	103.3
nL			3.9	102.5
	350'	w of	Copistrano	
nL			4.0	102.4
bh			4.7	101.7
y			4.8	101.6
b			4.7	101.7
y			5.0	101.4
bh			4.8	101.6
SL			5.0	101.4

Tennyson

POSTED

106 #1

406 W of Capistrano

SL	4.7	101.7
bb	5.0	101.4
y	5.2	101.2
b	5.3	101.1
y	5.2	101.2
bl	5.2	101.2
nL	5.3	101.1

455 W of Capistrano

nL	6.6	99.8
bb	6.3	100.1
y	5.8	100.6
b	4.8	101.6
y	4.4	102.0
bl	4.8	101.6
SL	6.0	100.4

106 #1

(70) 12

503' W of E line of Chatsworth St

SL	7.1	99.3
bb	7.2	99.2
y	7.3	99.1
b	7.2	99.2
y	7.0	99.4
bl	6.8	99.6
nL	6.7	99.7

E bb of Chatsworth St

nL	8.5	97.9
bb	8.3	98.1
y	7.9	98.5
b	7.7	98.7
y	7.6	98.8
bl	7.7	98.7
SL	7.1	99.3

10641

S E 1/4 of Chalsworth st

S2	7.5	98.9
b	7.6	98.8
4	7.8	98.6
b	8.2	98.2
4	8.4	98.0
b	8.5	97.9
n2	8.6	97.8

Center of Chalsworth st

n2	8.6	97.8
b	8.3	98.1
4	8.2	98.2
b	8.2	98.2
4	8.1	98.3
b +6' +7'	8.0	98.4
	6.4	100.0
	6.3	100.1
S2	6.7	99.7

10641

W 1/4 of Chalsworth

S2	6.6	99.8
b	6.0	100.4
+4'	6.1	100.3
+5'	8.0	98.4
4	8.2	98.2
b	8.2	98.2
4	8.3	98.1
b	7.7	98.7
n2	7.7	98.7

Wbb of Chalsworth

n2	7.7	98.7
b	7.6	98.8
4	8.4	98.0
b	8.4	98.0
4	8.5	97.9
+4' +6'	8.5	97.9
b	7.5	98.9
	7.3	99.1
S2	7.5	98.9

POSTED

POSTED

106.41

N Line of Chatsworth St

S 2			8 2	98.2	
bl			8.4	98.0	
4			8.8	97.6	
6			8.7	97.7	
4			8.6	97.8	
bl			8.5	97.9	
N 2			8.7	97.7	
	48.1	102.60	8.62	97.79	B m N W Chatsworth

N 2 50' W of Chatsworth

N 2	7.1	95.5	
bl	7.0	95.6	
4	6.8	95.8	
6	6.6	96.0	
4	6.8	958	
bl	6.1	96.5	
S 2	5.5	97.1	

102.60

Zennyson

90' W of Chatsworth

S 2	4.7	97.9	
bl	5 2	97.4	
4	5.5	97.1	+3'
	7.3	95.3	+4'
	7.4	95.2	
bl	7.8	94.8	
4	7.8	94.8	
bl	7.0	95.6	
N 2	7.1	95.5	

100' W of Chatsworth

N 2	7 2	95.4	
bl	7 5	95.1	
4	8.0	94.6	
6	8.0	94.6	
4	8.0	94.6	
	7.9	94.7	+6'
bl	6 3	96.3	+7'
	6.0	96.6	
S 2	6.0	96.6	

POSTED

102.60

	125'	w %	Chatsworth	
SL			93	93.3
bl			92	93.4
½			87	93.9
b			87	93.9
½			85	94.1
bl			85	94.1
ml			8.0	94.6
	150'	w %	Chats	worth
ml			8.6	94.0
bl			9.0	93.6
½			9.0	93.6
b			89	93.7
½			9.1	935
bl			85	94.1
SL			8.8	93.8

102.60

	200'	w %	Chatsworth	
SL			10.8	91.8
bl			10.5	92.1
½			9.4	93.2
b			9.7	92.9
½			9.8	92.8
bl			9.1	93.5
ml			8.8	93.8
	250'	w %	Chatsworth	
ml			7.6	95.0
bl			8.4	94.2
½		+4'	8.7	93.9
		+5'	10.6	92.0
			10.9	91.7
b			10.8	91.8
½			10.8	91.8
bl			10.6	92.0
SL			11.1	91.5

Pennington

		102.60		
	300'	w f	Chalsworth	
SL			12.0	90.6
bl			11.7	90.9
y			12.3	90.3
b			12.0	90.6
y			11.9	90.7
bl		+3 +5	11.3 9.2 8.8	91.3 93.4 93.8
nL			8.2	94.4
TP	036	93.06	9.90	92.70
	350'	w f	Chalsworth	
nL			1.8	91.3
bl			2.5	90.6
y			3.8	89.3
b			3.9	89.2
y			4.0	89.1
bl			5.4	87.7
SL			6.5	86.6

		93.06			Tennyson
	400'	w f	Chalsworth		
SL			7.4	85.7	
bl			7.2	85.9	
y			5.2	87.9	
b			5.0	88.1	
y			5.2	87.9	
bl			6.3	86.8	
nL			5.8	87.3	
	450'	w f	Chalsworth		
nL			6.3	86.8	
bl			6.5	86.6	
y			6.1	87.0	
b			6.0	87.1	
y			5.8	87.3	
bl			6.2	86.9	
SL		+5' +7'	6.0 7.7 7.7	87.1 85.4 85.4	POSTED

9306

	500'	W of	Chatsworth	
S2			6.7	86.4
bl			6.4	86.7
4			6.4	86.7
6			6.4	86.7
4			6.6	86.5
bl			6.9	86.2
N2			6.8	86.3
	550'	W of	Chatsworth	
N2			7.9	85.2
bl			7.9	85.2
4			7.0	86.1
6			6.9	86.2
4			6.9	86.2
bl			6.4	86.7
S2			7.0	86.1

9306

Tennyson

	563'	W of	Chatsworth	
S2			6.8	86.3
	565'	W of	Chatsworth	
S2	(RR Cut)		8.0	85.1
	580'	W of	Chatsworth	
S2	bentw of	(RR Cut)	7.9	85.2
	600'	W of	Chatsworth	st
S2			7.8	85.3
bl			7.9	85.2
		≠2'	6.7	86.4
4			6.8	86.3
bl			6.9	86.2
4			7.1	86.0
bl			8.0	85.1
N2			7.2	85.9

9306

660' W = E line of Warrington (70)

N 2			8.0	95.1
bk			7.0	86.1
4			7.0	86.1
6			6.8	86.3
4			7.4	85.7
bk			7.2	85.9
S 2			6.2	86.9
TP	4.46	9197	5.60	87.46

E bk 6 - Warrington St

S 2			5.6	86.4
bk			5.7	86.3
4			6.0	86.0
1 (Side of RR)			5.8	86.2
4			5.8	86.2
bk			5.8	86.2
N 2			6.3	85.7

9197

Tennyson

E 1/4 of Warrington St

N 2		6.2	86.8
bk		5.8	86.2
4		5.8	86.2
1		5.8	86.2
4		5.8	86.2
bk		5.8	86.2
S 2		5.8	86.2

= Center of Warrington

S 2		5.8	86.2
bk		5.6	86.4
4		5.7	86.3
6		5.8	86.2
4		5.7	86.3
bk		5.8	86.2
N 2		5.8	86.2

9197

W 1/4 of Warrington

N2		5.9	86.1
bl		5.7	86.3
4		5.7	86.3
6		5.8	86.2
4		5.8	86.2
bl		5.7	86.4
S2		5.8	86.2

W bl of Warrington

S2		5.8	86.2
bl		5.6	86.4
4		5.7	86.3
6		5.7	86.3
4		5.7	86.3
bl		5.7	86.3
		5.8	86.2

9197

W line of Warrington

N2		6.0	86.0
bl		5.6	86.4
4		5.6	86.4
6	RR Grade	5.8	86.2
4		5.7	86.3
bl		5.6	86.4
S2		5.7	86.3

50' w of Warrington

S2		5.2	86.8
bl		5.3	86.7
4		5.3	86.7
6		5.5	86.5
4		5.6	86.4
bl		5.6	86.4
N2		5.7	86.3

Warrington

POSTED

91.97

	100'	w of	Warrington	
N2			4.9	87.1
b			4.8	87.2
4			5.2	86.8
6			5.2	86.8
4			5.1	86.9
b			4.7	87.3
S2			4.6	87.4
TP	88.4	96.73	2.08	89.89

	130'	w of	Warrington	
S2			6.6	92.1
b			7.1	91.6
		+6'	7.4	91.3
4		+7'	10.4	88.3
			11.0	87.7
6			11.3	87.4
4			11.1	87.6
			11.0	87.7
b			8.7	90.0
			9.0	89.7
N2			9.4	89.3

96.73

	200'	w of	Warrington	
N2			8.4	90.3
		+5'	8.9	89.8
b		+6'	10.3	88.4
			10.2	88.5
4			10.0	88.7
6			10.1	88.6
4			9.7	89.0
		+6'	9.2	89.5
b		+7'	6.0	92.7
			5.8	92.9
S2			5.2	93.5

	220'	w of	Warrington	
N2			9.8	88.9
b			9.8	88.9
4			9.6	89.1
6			9.8	89.2
4			9.1	89.6
		+6'	8.7	90.0
b		+7'	5.7	93.0
			5.4	93.3
S2			5.0	93.7

	240'	w of	Warrington	
N2 = Center RR Cut			9.9	88.8

98.73

250' w of Warrenville

SL		5.0	93.7
bl		5.3	93.4
	+3'	5.8	92.9
	+4'	8.0	90.7
		8.5	90.2
l		9.0	89.7
y		8.5	90.2
bl		7.4	91.3
	+6'	7.5	91.2
	+7'	9.6	89.1
rd		9.9	88.8

260' w of Warrenville

rd		9.8	88.9

267' w of Warrenville

rd		8.0	90.7

98.73

Tennyson

290' w of E line of Warden

rd		7.8	90.9
bl		7.4	91.3
y		7.1	91.6
	+2'	7.9	90.8
b		7.9	90.8
y		(7.7	91.0
		6.9)	91.8
	+4	6.8	91.9
	+5	5.7	93.0
bl		5.5	93.2
SL		5.6	93.1

E bl of Warden

SL		4.9	93.8
bl		5.3	93.4
	+5	5.7	93.0
	+7	6.6	92.1
y		(6.6	92.1
		7.3)	91.4
l		7.6	91.1
y		(7.5	91.2
		6.8)	91.9
bl		7.0	91.7
rd		7.5	91.2

21

POSTED

98.73

E 1/4 of Warden st

nl		7.4	91.3
bl		6.5	92.2
y		6.4	92.3
	+3' +4'	7.2	91.5
b		7.3	91.4
y		6.8	91.9
	+4' +5'	6.0	92.7
bl		5.4	93.3
		5.0	93.7
Sl		4.7	94.0

Center of Warden

Sl		4.4	94.3
bl		5.0	93.7
	+3	5.5	93.2
y		6.4	92.3
b		6.9	91.8
y		(6.7)	92.0
		(5.8)	92.9
bl		5.9	92.8
	+2	6.0	92.7
nl		7.5	91.2

98.73

W 1/4 of Warden

nl		7.4	91.3
	+5 +6	7.2	91.5
		5.3	93.4
bl		5.5	93.2
		(5.6)	93.1
y		(6.5)	92.2
b		6.5	92.2
y		(6.4)	92.3
		(5.5)	93.2
bl		4.7	94.0
Sl		4.2	94.5

W bl of Warden

Sl		3.9	94.8
bl		4.7	94.0
y		5.6	93.1
b		6.2	92.5
y		(6.0)	92.7
		(5.2)	93.5
bl		5.2	93.5
	+3	5.0	93.7
nl		7.0	91.7

POSTED

9873

W Line of Warden

N 2			6.6	92.1
4		+2'	6.6	92.1
		+7'	5.0	93.7
			5.0	93.7
4			(4.9	93.5
			5.8)	92.9
6			5.7	93.0
4			5.4	93.3
6			4.6	94.1
S 2			5.4	93.3

	36'	W of	Warden	
S 2			1.5	97.2
6			2.0	96.7
		+3'	2.7	96.0
4			(3.3	95.4
			4.1)	94.6
6			4.2	94.5
			(4.0	94.7
4			3.0)	95.7
6			3.3	95.4
		46'	4.0	94.7
N 2		+8'	5.8	92.9
			5.7	93.0
TP	1028	10811	0490	97.83

10811

	100'	W of	Warden	
N 2			13.3	94.8
6			12.6	95.5
		+4'	12.6	95.5
		+6'	11.1	97.0
4			(10.8	97.3
			11.5)	96.6
6			11.5	96.6
4			11.1	97.0
6			11.0	97.0
S 2			9.3	98.8

	150'	W of	Warden	
S 2			7.5	100.6
6			8.1	100.0
4			9.0	99.1
6			9.4	98.7
4			9.1	99.0
6			10.3	97.8
N 2			11.0	97.1

POSTED

108.11

200' W of Warden

NL			9.4	98.7
bl			8.7	99.4
		+4'	8.4	99.7
y			6.9	101.2
b			7.0	101.1
y			7.0	101.1
bl			6.6	101.5
SL			5.9	102.2

250' W of Warden

SL			3.8	104.3
bl			4.5	103.6
y			5.4	102.7
		+3'	4.3	103.8
b			4.5	103.6
		+6'	4.3	103.8
y			5.5	102.6
bl			6.8	101.3
NL			7.4	100.7

108.11 Tennyson

24

290' W = E Sin of Wells st (60')

NL			6.4	101.7
bl			5.4	102.7
y			3.9	104.2
		+2'	4.0	104.1
b		+5	2.2	105.9
			2.4	105.7
y			2.1	106.0
		+3'	2.2	105.9
bl		+6'	3.5	104.6
			2.5	105.6
SL			2.1	106.0
	10.77	116.73	2.15	105.96

E bl of Wells st

SL			10.3	106.4
bl			10.6	106.1
y			10.4	106.3
b			10.5	106.2
y			10.5	106.2
		+5'	12.4	104.3
bl			13.3	103.4
NL			14.9	101.8

POSTED

E ¼ of Wells St

N 2		14.1	102.6
1		13.1	103.6
	+5	12.5	104.2
4		10.0	106.7
1		9.0	107.7
4		9.0	107.7
	+2	11.0	105.7
1		10.2	106.5
S 2		9.5	107.2

Center of Wells St

S 2		8.7	108.0
1		9.4	107.3
4		9.2	107.5
1		9.2	107.5
4		9.3	107.4
	+5	12.5	104.2
1		13.1	103.6
N 2		13.8	102.9

11673

W ¼ of Wells St

N 2		13.7	103.0
1		13.8	102.9
	+5	12.4	104.3
4		8.8	107.9
1		9.0	107.7
4		8.6	108.1
1		8.6	108.1
S 2		7.8	108.9

W ½ of Wells St

S 2		7.2	109.5
1		8.2	108.5
4		8.0	108.7
4		8.2	108.4
4		8.3	108.4
		11.0	105.7
1		11.7	105.0
N 2		12.7	104.0
		12.7	

POSTED

11673

W line of wells

n2		12.2	104.5
b		10.0	106.7
	+5	10.4	106.3
y		7.8	108.9
t		7.7	109.0
y		7.2	109.5
b		7.5	109.2
s2		6.5	110.2

50' n of wells sr

s2		4.8	101.9
b		5.4	101.3
	+3	4.0	102.7
y		4.2	102.5
t		4.5	102.2
y		4.5	102.2
	+5	7.3	109.4
b		7.8	108.9
n2		8.7	108.0

11673

Pennsylvania

	10'	n of	wells sr	
n2			6.3	104
b			5.9	110.8
y			5.2	111.5
t		+6'	1.8	114.9
			2.0	114.7
y			1.7	115.0
b			1.3	115.4
s2		+6'	1.0	115.7
			2.9	113.8
	107.1	125.46	14.8	113.25
	110	n of	wells	
s2			11.0	114.5
	125'	n of	wells	
s2	Top of Grade		8.2	117.3
	150'	n of	wells	
s2	NR Grade		6.9	118.6
b			7.1	118.4
y			6.9	118.6
		+5'	10.5	115.0
t			11.0	114.5
y			11.4	114.1
b			12.0	113.5
n2			12.7	112.8

POSTED

125.46

	200'	w of	wells st	
nl			6.5	119.0
bl			9.9	115.6
y			9.4	116.1
b			8.8	116.7
y			8.2	117.3
bl			7.3	118.2
		+6'	7.0	118.5
SL	Top of Grade RR		5.0	120.5
	205'	w of	wells st	
SL			6.4	119.1
	213'	w of	wells	
SL =	bar RR Bt of wy		6.0	119.5
	250'	w of	wells st	
SL			4.0	121.5
bl			4.8	120.7
y			5.5	120.0
b			6.5	119.0
y			7.2	118.3
bl			7.4	118.1
nl			7.8	117.7

125.46 Tennyson

	300'	w of	wells st	
nl			5.3	120.2
bl			4.6	120.9
y			3.9	121.6
b			3.0	122.5
y			2.6	122.9
bl			1.8	123.7
SL			0.7	124.8
TP	10.70	134.68	14.8	123.98
	350'	w	of	wells st
SL			6.3	128.4
bl			7.0	127.7
y			8.0	126.7
b			9.0	125.7
y			10.0	124.7
bl			10.8	123.9
nl			11.5	123.2

134.68

	395'	n =	E sin	San Clemente (60)
nL			8.5	126.2
bl			7.6	127.1
y			6.6	128.1
b			5.3	129.4
y			4.0	130.7
bl			3.4	131.3
SL			2.1	132.6
	E bl	of	San Clemente	
SL			1.5	133.2
bl			2.4	132.3
y			3.4	131.3
b			4.8	129.9
y			6.0	128.7
bl			7.3	127.4
nL			7.6	127.1

134.68 Tennyson

28

	E 1/4	of	San Clemente		
nL			7.2	127.5	
bl			6.0	128.7	
y			4.7	130.0	
b			3.6	131.1	
y			2.3	132.4	
bl			1.2	133.5	
SL			0.8	133.9	
TP	12.14	142.11	4.71	129.97	n m # San Clem
	Center	of	San Clemente		
nL			14.0	128.1	
bl			12.0	130.1	
y			11.4	130.7	
b			9.8	132.3	
y			8.5	133.6	
bl			7.8	134.3	
SL			7.2	134.9	

POSTED

142.11

W 1/4 of San Clemente

SL	6.6	135.5
bl	7.2	134.9
y	7.9	134.2
b	9.4	132.7
y	10.4	131.7
bl	12.2	129.9
NL	13.3	128.8

W 1/4 of San Clemente

NL	13.0	129.1
bl	11.5	130.6
y	10.1	132.0
b	9.2	132.9
y	8.5	133.6
bl	6.9	135.2
SL	5.9	136.2

142.11 Tenny Jr

W Line of San Clemente

SL	5.3	136.8
bl	6.3	135.8
y	7.2	134.9
b	8.3	133.8
y	9.4	132.7
bl	10.9	131.2
NL	12.2	129.9

50' W of San Clemente

NL	9.2	132.9
bl	7.8	134.3
y	6.7	135.4
b	5.6	136.5
y	4.5	137.6
bl	3.0	139.1
SL	2.2	139.9

142.11

	90'	W of	San Clemente	
SH			+1.0	143.1
h			0.6	141.5
y			2.5-	139.6
l			3.0	139.1
y			4.2	137.9
h			5.3	136.8
rd			6.6	135.5
	101'	W of	San Clemente	
rd			7.0	135.1
bl			6.0	136.1
y			8.8	133.3
h			10.4	131.7
y			11.4	130.7
bk			12.5-	129.6
SI			12.6	129.5
TP	001	131.66	10.46	131.65-

131.66

Tennyson

	115'	west of	San Clemente	
rd			1.3	130.4
h			1.9	129.8
y			1.9	129.8
l			2.6	129.1
y			2.4	129.3
h			3.5-	128.2
SI			4.0	127.7
	150'	W of	San Clemente	
SI			8.3	123.4
bl			8.2	123.5-
y			8.2	123.5-
l			7.3	124.4
y			7.1	124.6
bl			7.1	124.6
rd			6.7	125.0

131.66

	200'	w f	San	Clemente
NL			12.8	118.9
bl			13.1	118.6
y			13.4	118.3
b			13.2	118.5
y			12.9	118.8
bl			13.6	118.1
SL			13.8	117.9
TP	0.80	120.08	12.38	119.28

	225'	w f	San	Clemente
SL			1.8	118.3
bl			1.6	118.5
y			1.5	118.6
b			2.2	117.9
y			1.9	118.2
bl			4.0	116.1
NL			4.5	115.6

120.08 Tennyson

	250'	w f	San	Clemente
NL			8.1	112.0
bl			7.2	112.9
y			5.9	114.2
b			5.9	114.2
y			4.8	115.3
bl			4.6	115.5
SL			4.2	115.9

	275	w f	San	Clemente
SL			7.4	112.7
bl			9.0	111.1
y			11.6	108.5
b			12.4	107.7
y			13.1	107.0
bl			12.6	107.5
NL			11.4	108.7

POSTED

		120.08		
	300'	W of	San Clemente	
NL			11.1	109.0
bl			12.3	107.8
y			13.7	106.4
b			15.4	104.7
y			15.6	104.5
bl			14.3	105.8
SL			11.8	108.3
TP	0.66	107.96	12.78	107.30
	350'	W of	San Clemente	
SL			8.1	99.9
bl			8.2	99.8
y			7.6	100.4
b			6.4	101.6
y			5.2	102.8
bl			2.7	105.3
NL			2.0	106.0

		107.96		Tennyson
	400'	W of	San Clemente	
NL			9.6	98.4
bl			9.1	98.9
y			8.3	99.7
b			8.0	100.0
y			9.0	99.0
bl			10.5	97.5
SL			10.8	97.2
	440'	W of	San Clemente	
SL			12.4	95.6
bl			12.3	95.7
y			13.0	95.0
b			13.3	94.7
y			13.6	94.4
bl			13.3	94.7
NL			13.3	94.7
TP	6.55	102.11	12.40	95.56

10211

440' w on S
470' w on N } = 8 km of Catalina Blvd

SL			6.5	95.6
bl			6.7	95.4
7			7.8	94.3
1			8.2	93.9
9			8.6	93.5
bl			9.4	92.7
NL			9.8	92.3

POSTED

177
92
85

X section of Wells St from Pueblo Line to End (60')

Pueblo Line on north 238 108.34 15.8 ~~south~~ end 105.96 Bm at Tennyson

EL			15.5	92.8
c			15.5	92.8
1/4			15.5	92.8
¢			15.5	92.8
1/4			15.7	92.6
c			15.3	93.0
WL			15.3	93.0

50' W of Pueblo Line

WL			11.0	97.3
c			11.5	96.8
1/4			12.3	96.0
¢			12.2	96.1
1/4			12.1	96.2
c			12.7	95.6
EL			13.0	95.3

PLOTTED

POSTED

108.34

100' S

E ℄	9.8	98.5
C	9.4	98.9
¼	8.6	99.7
℄	8.6	99.7
¼	8.6	99.7
C	7.6	100.7
W ℄	6.7	101.6

PLOTTED

140' So. = No ℄ Tennyson = 60'

W ℄	4.0	104.3
C	4.3	104.0
¼	5.4	102.9
℄	5.6	102.7
¼	5.7	102.6
C	6.5	101.8
E ℄	6.6	101.7

108.34

So ℄ Tennyson

E ℄	2.4	105.9
C	2.0	106.8
¼	1.2	107.1
℄	0.3	108.0
T.T. 12.34 118.30	2.38	105.96
¼	9.4	108.9
C	8.7	109.6
W ℄	8.1	110.2

50' S Tennyson

W ℄	5.8	112.5
C	6.0	112.3
¼	6.7	111.6
℄	7.2	111.1
¼	7.7	110.6
C	8.3	110.0
E ℄	8.9	109.4

PLOTTED

POSTED

118.30

100' S Tennyson

E ¼	6.0	112.3
C	5.5	112.8
¼	5.3	113.0
¼	4.7	113.6
¼	4.4	113.9
C	4.1	114.2
W ¼	3.0	115.3
T.P.	12.64	13048 0.46 117.84

150' S. Tennyson

W ¼	13.8	118.7
C	12.2	118.3
¼	12.7	117.8
¼	13.2	117.3
¼	13.7	116.8
C	14.4	116.1
E ¼	14.8	115.7

PLOTTED

13048

Wiles et

200' S Tennyson

E ¼	11.3	119.2
C	10.7	119.8
¼	10.3	120.2
¼	9.8	120.7
¼	9.3	121.2
C	8.8	121.7
W ¼	8.2	122.3

250' S of Tennyson

W ¼	5.0	125.5
C	5.4	125.1
¼	5.9	124.6
¼	6.3	124.2
¼	6.7	123.8
C	7.2	123.3
E ¼	7.7	122.8

PLOTTED

POSTED

180.88

275' S Tennyson - N¼ Quimby (60')

E¼		6.2	124.3
C		5.4	125.1
W¼		5.1	125.4
¢		4.5	126.0
E¼		4.2	126.3
C		4.1	126.4
W¼		2.7	
T.P.	12.23	2.70	127.78

So. fr. Quimby

W¼	141.01	7.7	132.3
C		8.2	131.7
E¼		9.3	130.7
¢		10.0	130.0
W¼		11.0	129.0
C		12.0	128.0
E¼		13.2	126.8

PLOTTED

140.01

50' S. Quimby

E¼	11.8	128.2
C	10.9	129.1
W¼	9.9	130.1
¢	8.9	131.1
W¼	7.8	132.2
C	6.7	133.3
W¼	5.6	134.4

100' So. Quimby

W¼	1.7	138.3
C	2.4	137.6
W¼	3.0	137.0
¢	3.7	136.3
E¼	5.0	135.0
C	6.6	133.4
E¼	7.7	132.3
TP 1248	151.83	0.66	139.35

PLOTTED

POS

151.83

150' So Quimby

E ¼	12.7	139.1
C	12.2	139.6
¼	11.7	140.1
¢	11.1	140.7
¼	10.6	141.2
C	9.9	141.9
W ¼	9.1	142.7

200' So Quimby

W ¼	4.3	147.5
C	5.2	146.6
¼	5.7	146.1
¢	6.4	145.4
¼	7.1	144.7
C	7.8	145.0
E ¼	8.6	143.2

PLOTTED

151.83

250' So Quimby

E ¼			3.3	148.5
C			2.8	149.4
¼			1.7	150.1
¢			1.0	150.8
¼			0.4	151.4
C			0.0	151.8
T.P.	1289	16428	0.44	151.39
W ¼			12.0	152.3

275' S Quimby = W ¼ Pac

W ¼	9.8	154.5
C	10.1	154.2
¼	10.5	153.8
¢	[illegible]	[illegible]
¼	11.4	152.9
C	12.0	152.3
E ¼	12.9	151.4

PLOTTED

POSTED

164.28

So Line Poe

E L		7.6	156.7	
C		7.0	157.3	
1/4		6.5	157.8	
℄		6.1	158.2	
1/4		5.5	158.8	
C		5.1	159.2	
W L		5.0	159.30 B.M.	S.W. Poe Hub
	12.66 171.95	4.99	159.29	

50' So Poe

W L		8.5	163.5	
C		9.1	162.9	
1/4		9.6	162.4	
℄		9.7	162.3	
1/4		10.1	161.9	
C		10.6	161.4	
E L		11.2	160.8	

PLOTTED

171.95

100' S Poe

E L		6.8	165.2	
C		6.0	166.0	
1/4		5.6	166.4	
℄		4.9	167.1	
1/4		4.0	168.0	
C		3.1	168.9	
W L		3.2	168.8	

150' So Poe

W L		181.42	8.8	172.6
C		181.42	9.5	171.9
T.P.	9.82	181.42	0.35	171.60
1/4		171.95	0.6	171.4
℄			1.3	170.7
1/4			1.8	170.2
C			2.31	169.7
E L			2.9	169.1

PLOTTED

POSTED

18112

175' So Poe

W ⌊	7.5	173.9
c	7.2	174.2
1/4	8.0	173.4
℄	8.7	172.7
1/4	9.4	172.0
c	10.1	171.3
E ⌊	11.0	171.4

200' So Poe

E ⌊	8.0	173.4
c	7.5	173.9
1/4	7.0	174.4
℄	6.2	175.2
1/4	5.7	175.7
c	8.6	172.8
W ⌊	[illegible]	170.7

PLOTTED

18142

Wells 44

250' So Poe

W ⌊	13.6	167.8
c	12.0	169.4
1/4	11.2	170.2
℄	9.7	171.7
1/4	7.8	173.6
c	7.3	174.1
E ⌊	4.9	176.5

275' So Poe = N ⌊ Elsinore St

E ⌊	1.72	179.70 N.E. Elsinore BM 179.68 ✓
c	4.0	177.4
1/4	8.1	173.3
℄	10.0	171.4
1/4	12.7	168.7
c	14.0	167.4
W ⌊	15.4	166.0

PLOTTED

POSTED

Cross section of Anacapa St (60')
Entire Length

	12.80	179.22	16.42	B2 in SE Elsinore
	S. side of Elsinore St			
E2			12.8	166.4
b			12.2	167.0
y			11.6	167.6
b			10.8	168.4
y			10.4	168.8
b			9.4	169.8
W2			8.6	170.6
	50' N of Elsinore St			
W2			2.5	176.7
bl			3.1	176.1
y			4.1	175.1
b			4.2	175.1
y			5.9	173.3
bl			6.2	173.0
E2			6.8	172.4

Anacapa

	100' S of Elsinore			
TP	12.80	179.22	0.43	178.79
E2			1.2	178.7
b			1.4	179.5
y			1.8	180.1
b			0.7	181.2
y			0.8	182.1
bl			0.1	182.8
W2			0.3	183.6
	150' S of Elsinore			
W2			0.1	188.8
bl			0.4	188.5
y			0.2	187.7
b			0.8	187.1
y			0.4	186.5
bl			0.7	185.8
E2			0.6	185.3

POSTED

		190.89		
	200'	S of	Elsenor	
TP	12.26	203.00	0.15	190.74
E L			12.0	191.0
bl			11.3	191.7
y			11.0	192.0
b			10.5	192.5
y			9.9	193.1
bl			9.4	193.6
WL			9.2	193.8
	250'	S of	Elsenor	
WL			4.8	198.2
bl			5.2	197.8
y			5.5	197.5
b			5.4	197.6
y			5.8	197.2
bl			6.4	195.6
E			7.0	196.0

		203.00		Anacapa
	275'	S =	N Line of	Olyphant (60')
E L			4.9	198.1
bl			4.6	198.4
y			4.5	198.5
b			4.2	198.8
y			3.7	199.3
bl			3.4	199.6
WL			2.9	200.1
TP	9.89	212.60	0.29	202.71
	S Line of	Olyphant rd		
E L			9.9	202.7
bl			9.5	203.1
y			9.5	203.1
b			9.1	203.5
y			9.3	203.3
bl			9.0	203.6
WL			9.0	203.6

POSTED

		212.60		
	50'	S of	Ally plant	
WL			6,8	205.8
bl			6,6	206.0
y			6,6	206.0
b			6,2	206.4
y			6,3	206.3
bl			6,1	206,5
EL			6,4	206.2
	100'	S of	Ally plant	
EL			3,8	208.8
bl			4,0	208.6
y			4,3	208.3
b			4,4	208.2
y			4,9	207.7
bl			4,9	207.7
WL			5,2	207.4
TP	5.40	216.40	1.60	211.00

		216.40			Anacapa
	150	S of	Ally plant		
EL			6,0	210.4	
bl			6,3	210.1	
y			6,6	209.8	
b			6,6	209.8	
y			7,3	209.1	
bl			7,9	208.5	
WL			8,4	208.0	
	200'	S of	Ally plant		
WL			7,8	208.6	
bl			7,2	209.2	
y			6,7	209.7	
b			6,0	210.4	POSTED
y			6,0	210.4	
bl			6,3	210.1	
EL			5,0	211.4	

		216.40			
	250'	S of	Ollyphant		
EL			4.6	211.8	
bl			5.0	211.4	
"			5.5	210.9	
b			5.6	210.8	
"			6.2	210.2	
bl			7.1	209.3	
WL			7.4	209.0	
	275'	S =	N Sin	Macaulay 60'	
WL			7.45	208.90	Bm N W Macaulay
bl			7.1	209.3	
"			6.4	210.0	
b			5.7	210.7	
"			3.4	211.0	
bl			4.9	211.5	
EL			7.6	211.8	

Crossection of Warden St (60')
From Pueblo Sin S of Western Add
To N Sin of Tennyson

	1.66	93.73		92.07	Bm N W Tennyson
					On Sin Sonoma Heights
	Pueblo Sin S S of Western Add				
WL			8.9	84.8	
bl			9.3	84.4	
"			9.3	84.4	
b			9.1	84.6	
"			9.3	84.4	
bl			9.8	83.9	
EL			9.5	84.2	
	50'	S of	Pueblo Sin		
EL			6.8	86.9	
bl			6.9	86.8	
"			7.0	86.7	
b			6.9	86.8	
"			7.0	86.7	
bl			7.0	86.7	
WL			6.9	86.8	

Posted
POSTED

93.73

	98'	S of	Pueblo Sin	
WL			4.0	89.7
bl			4.1	89.6
"			5.2	88.5
b (Bty of R R Grade)			5.0	88.7
"			5.0	88.7
bl			4.8	88.9
EL			4.8	88.9
	122'	S of	Pueblo	
EL	R R Grade		4.9	88.8
	125	S of	Pueblo Sin	
EL			3.6	90.1
"	140	S of	Pueblo Sin	
EL			2.8	90.9
bl			2.5	91.2
"			2.4	91.3
bl			2.5	91.2
"			2.4	91.3
bl			2.1	91.6
WL			1.7	92.0

Crossection of Warrington st (60')
Fm N S of Pt Loma Hights to its S line

	2,81	90.32		87.51	Monument Tennyson & Warrington
	Pueblo Line		N S of	Loma Hights	
EL			6,0	84.3	
bl			6,4	83.9	
"			6,5	83.8	
b			6,7	83.6	
"			7,2	83.1	
bl			7,3	83.0	
WL			6,4	83.9	
	50'	S of	Pueblo Line		
WL			8,0	82.3	
bl			8,0	82.3	
"			7,7	82.6	
b			7,5	82.8	
"			7,4	82.9	
bl			7,3	83.0	
EL			7,0	83.3	

90.32

Warrington

	100'	S of	Pueblo Line	
EL			6,3	84.0
bl			6,4	83.9
"			6,2	84.1
b			5,5	84.8
"			5,4	84.9
bl			6,0	84.3
WL			6,4	83.9
	140'	S = N S of	Tennyson st (60')	
WL			5,3	85.0
bl			5,0	85.3
"			4,7	85.6
b			4,6	85.7
"			4,8	85.5
bl			4,9	85.4
EL			5,0	85.3

POSTED

90.32

	S line of	Tennyson	
E2		3.4	86.9
bl		3.9	86.4
7		4.5	85.8
1		4.8	85.6
7		4.8	85.5
bl		4.8	85.5
WR		4.1	86.2

	50'	S of	Tennyson	
WR			4.1	86.2
bl			4.0	86.3
7			4.0	86.3
1			4.0	86.3
7			4.0	86.3
bl			4.0	86.3
E2			3.4	86.7

90.32

	100'	S of	Tennyson	
E2			3.1	87.2
bl			3.1	87.2
7			2.7	87.6
1			2.5	87.8
7			2.4	87.9
bl			2.6	87.7
WR			2.3	88.0

TP	925-	9947	0.10	90.22

	150'	S of	Tennyson	
WR			9.2	90.3
bl			9.4	90.1
7			9.5	90.0
1			9.7	89.8
7			10.1	89.4
bl			10.7	88.8
E2			10.7	88.8

		99.47		
	200'	S of	Tennyson	
EL			8.7	90.8
bl			8.2	91.3
y			7.1	92.4
b			6.9	92.6
y			6.9	92.6
bl			6.6	92.9
WL			6.1	93.4
	225'	S of	Tennyson	
WL			4.8	94.7
bl			5.0	94.5
y			5.5	94.0
b			6.6	92.9
y			7.0	92.5
bl			7.5	92.0
EL			8.2	91.3

		99.47		Warrington
	250'	S of	Tennyson	
EL			8.0	91.5
bl			7.7	91.8
y			7.2	92.3
b			6.7	92.8
y			6.3	93.2
bl			5.8	93.7
WL			5.7	93.8
	275'	S = NL of Quarry St (60')		
WL			5.97	93.50 Bm
bl			6.3	93.2
y			6.6	92.9
b			6.8	92.7
y			7.1	92.4
bl			7.5	92.0
EL			7.6	91.9

Warrington

	S line of	Quimby st		
EL			7,0	92.5
bl			6,7	92.8
y			6,7	92.8
b			6,4	93.1
y			6,1	93.4
bl			5,3	94.2
WL			4,8	94.7
	50'	S of	Quimby st	
WL			3,7	95.8
bl			3,7	95.8
y			3,6	95.9
b			3,7	95.8
y			4,2	95.3
bl			4,7	94.8
EL			5,3	94.2

	100'	S of	Quimby st		
EL			2,7	96.8	
bl			2,3	97.2	
y			1,6	97.9	
b			0,6	98.9	
y			0,4	99.1	
bl			0,8	98.7	
WL			0,8	98.7	
TP	12,27	105.76	5,98	93.49	Bm
	150'	S of	Quimby		
WL			4,9	100.9	
bl			5,2	100.6	
y			5,4	100.4	
b			5,8	100.0	
y			6,3	99.5	
bl			6,5	99.3	
EL			7,0	98.8	

POSTED

		105.76		
	200	S of	Quimby	
EL			6,0	99.8
ll			5,2	100.6
"			4,5	101.3
l			4,6	101.2
"			3,9	101.9
ll			3,9	101.9
WL			3.6	102.2
	250'	S of	Quimby	
WL			1,4	104.4
ll			1,7	104.1
"			1,9	103.9
l			2,4	103.4
"			2,2	103.6
ll			3,0	102.8
EL			3,0	102.8
TP				

		105.76		Warrington
	275	S of	Quimby = WL Pae st (60')	
EL			1,8	104.0
ll			2,0	103.8
"			1,4	104.8
l			1,3	104.5
"			0,9	104.9
ll			0,7	105.1
WL	12.76	118.16	0,36	105.40
	S line of		Pae st	
WL			9,4	108.8
ll			9,5	108.7
"			10,1	108.1
l			10,6	107.6
"			11,0	107.2
ll			11,6	106.6
EL			11,35	106.8

POSTED

11.8.16

	50'	S of	Par	11+
E2			8.9	109.3
b			8.7	109.5
y			8.2	110.0
d			7.9	110.3
y			6.9	111.3
b			6.5	111.7
W2			6.3	111.9
	100'	S of	Par	11-
W2			3.3	114.9
b			3.3	114.9
y			3.5	114.7
d			4.5	113.7
y			4.5	113.7
b			5.3	112.9
E2			5.7	112.5

11.8.16

	150'	S of	Par	11-
E2			2.7	114.5
b			3.5	114.7
y			2.0	116.2
d			1.7	116.5
y			1.3	116.9
b			0.5	117.5
W2			0.1	118.1
TP	12.27	13.14	0.29	117.87
	200'	S of	Par	
W2			9.5	120.6
b			9.4	120.7
y			9.9	120.2
d			10.8	119.3
y			11.3	118.8
b			12.0	118.1
E2			12.0	118.1

13014

	250' S of	Par		
E2		84	121.7	
b		81	122.0	
4		69	123.2	
6		68	123.3	
4		61	124.0	
b		58	124.3	
W2		62	123.9	
	275' S of	N 2	Elsinore	60'
W2		45	125.6	
b		45	125 6	
4		50	125.1	
6		53	124.8	
4		54	124.7	
b		63	123.8	
E2		63	123.8	

13014

Warrington

		S line of	Elsinore st	(60')	
E2			17	128.4	
b			13	128.8	
4			07	129 4	
b			06	129.5	
4			04	129.7	
b			09	130.1	
TP	1277	14268	023	17991	Bm
W2			122	13043	
	50'	S of	Elsinore		
W2			72	135.5	
b			76	135.1	
4			81	134.6	
6			88	133.9	
4			95	138.2	
b			112	131.5	
E2			125	130.2	

		142.68		
	65'	S of	Elsinore	
EL			11.8	130.9
bl			10.5	132.2
y			8.8	133.9
l			7.9	134.8
y			6.5	136.2
bl			5.9	136.8
wh			5.4	137.3
	100'	S of	Elsinore	
wh			3.5	139.2
bl			4.2	138.5
y			5.1	137.6
l			5.7	137.0
y			5.9	136.8
bl			6.5	136.2
EL			6.7	136.0

		142.68		Warrington
	150'	S of	Elsinore	
EL			2.0	140.7
bl			1.9	140.8
y			1.4	141.3
l			1.0	141.7
y			0.6	142.1
bl			+0.3	143.0
wh			+0.8	143.5
TP	12.89	155.04	0.53	142.15
	200'	S of	Elsinore	
wh			6.0	149.0
bl			6.5	148.5
y			7.3	147.7
l			7.9	147.1
y			9.2	145.8
bl			10.3	144.7
EL			11.2	143.8

		155.04		
	250'	S of	Elsinore	
El			6.3	148.7
bl			5.1	149.9
y			3.4	151.6
l			2.2	152.8
y			1.1	153.9
TP	12.95	167.52	0.47	154.57
bl			12.5	155.0
wl			11.0	156.5
	275'	S =	N L Allyphant (60')	
wl			9.9	157.6
bl			10.9	156.6
y			12.5	155.0
l			13.0	154.5
y			14.5	153.0
bl			15.1	152.4
El			15.8	151.7

		167.52		Warrington
	S Line of		Allyphant	Bm SE Allyphant
El			9.87	157.65
bl			9.8	157.7
y			8.8	158.7
l			7.9	159.6
y			7.2	160.3
bl			5.2	162.3
wl			3.8	163.7
	50'	S of	Allyphant	
El			5.6	161.9
bl			5.0	162.5
y			3.3	164.2
l			2.6	164.9
y			1.5	166.0
TP	12.86	180.33	0.05	167.47
bl			13.0	167.3
wl			11.8	168.5

POSTED

		180.33		
	100'	S of	Olly	phant
WL			6,0	174.3
bl			6,7	173.6
y			8,5	171.8
b			9,4	170.9
y			10,6	169.7
bl			12,2	168.1
EL			12,8	167.5
	150'	S of	Olly	phant
EL			8,4	171.9
bl			7,9	172.4
y			6,9	173.4
b			5,3	175.0
y			4,3	176.0
b			1,8	178.5
WL			1,4	178.9

		180.33		
	200'	S of	Olly	phant
EL			5,6	174.7
bl			3,2	177.1
y			1,5	178.8
b			0,3	180.0
TP	12,67	192.98	0,02	180.31
y			11,5	181.5
bl			8,8	184.2
WL			7,6	185.4
	250'	S of	Olly	phant
WL			+0,5	193.5
bl			1,5	191.5
y			4,5	188.5
b			6,3	186.7
y			7,9	185.1
bl			10,0	183.0
EL			10,4	182.6

Warrington

192.98

	275'	S of =	N L of Macauley (60')	
EL			7.94	185.05
bl			6.9	186.1
y			5.4	187.6
b			3.2	189.8
y			1.8	191.2
TP	12.69	205.65	0.02	192.96
bl			10.6	195.1
WL			8.8	196.9
	S line of Macauley			
WL			3.0	202.7
bl			3.9	201.8
y			5.8	199.9
b			7.6	198.1
y			9.9	195.8
bl			12.4	193.3
EL			14.5	191.2

205.65

Warrington

	50'	S of	Macauley	
EL			9.8	195.9
bl			7.4	198.3
y			5.3	200.4
b			2.4	203.3
y			1.3	204.4
bl			0.0	205.7
TP	4.70	210.27	0.08	205.57
WL			4.2	206.1
	100'	S of	Macauley	
WL			2.2	208.1
bl			3.2	207.1
y			4.5	205.8
b			6.0	204.3
y			7.9	202.4
bl			10.1	200.2
EL			12.0	198.3

PO

21027

112' S of = Pueblo Line S of Heights

Es		11,7	198.5
M		9,9	200.4
Y		7,7	202.6
b		5,8	204.5
Y		4,7	205.6
Mo		3,7	206.6
Ms		3,1	207.2

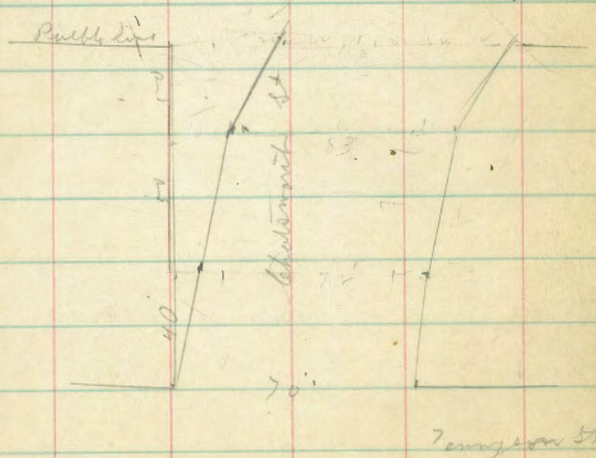
POSTED

Clough
Colbert
Wardie

Cross section of Chatsworth St (70')
From PS on N to PS on S of Lima Heights

Pueble sine on N

	540	10324		9784
Es			32	100.0
bl			34	99.8
y			34	99.8
b			32	100.0
y			26	100.6
bl			23	100.9
wt			36	99.6



10324

Chatsworth

	50'	S of	Pueble	sine
wt			45	98.7
bl			48	98.4
y			48	98.4
b			45	98.7
y			44	98.8
bl			40	99.2
Es			40	99.8
	100'	S of	Pueble	sine
Es			42	99.0
bl			31	100.1
y			29	100.3
b			44	98.8
y			56	97.6
bl			61	97.1
wt			64	96.8

POSTED

10324

140' S = N L of Tennyson St (60')
(70' wide)

wh	5.4	97.8
bl	4.5	98.7
y	4.5	98.7
b	5.4	97.8
y	5.5	97.7
bl	5.4	97.8
Eh	4.2	99.0

S Line of Tennyson St

Eh	4.0	99.2
bl	4.0	99.2
y	4.4	98.8
b	3.5	99.7
y	3.4	99.8
bl	4.3	98.9
wh	5.0	98.2

10324 Chatsworth

25' S of Tennyson St

wh	3.6	99.6
bl	4.2	99.0
y	5.0	98.2
b	4.9	98.3
y	4.7	98.5
bl	3.4	99.8
Eh	2.8	100.4

50' S of Tennyson

Eh	4.4	98.8
bl	4.5	98.7
y	5.0	98.2
b	5.1	98.1
y	4.8	98.4
bl	5.0	98.2
wh	4.7	98.5

POSTED

10324

	100'	S of	Tennyson	
WL			7.9	95.3
U			7.5	95.7
Y			7.0	96.2
L			6.4	96.6
Y			5.8	97.4
U			4.8	98.4
EL			4.6	98.6
	150'	S of	Tennyson	
EL			9.3	93.9
U			9.6	93.6
Y			9.9	93.3
L			10.0	93.2
Y			10.3	93.0
U			10.5	93.0
WL			11.0	92.7
TP	0.59	91.77	1.06	91.18

91.77

	200'	S of	Tennyson	
WL			1.6	90.2
U			1.4	90.4
Y			1.5	90.3
L			1.9	90.9
Y			1.8	90.0
U			1.2	90.6
EL			1.1	90.7
	250'	S of	Tennyson	
EL			3.8	88.0
U			4.0	87.8
Y			4.2	87.6
L			4.3	87.3
Y			4.4	87.4
U			4.9	87.9
WL			4.3	87.5

POSTED

9177

	275'	S =	N L	Quimby (60')	
WL			6.7	85.1	
bl			6.4	85.4	
y			6.3	85.5	
b			6.2	85.6	
y			5.9	85.9	
bl			5.2	86.6	
EL			5.3	86.5	
	SL	of	Quimby		
EL			7.78	80.99	BM
bl			9.2	83.6	
y			10.5	81.3	
b			10.4	81.4	
y			11.2	80.6	
bl			11.7	80.1	
WL			12.4	79.4	
TP	1.46	80.77	12.46	79.31	

8077

Chalsworth

	50'	S of	Quimby	
WL			5.5	75.3
bl			5.0	75.8
y			4.5	76.3
b			3.8	77.0
y			3.5	75.3
bl			3.0	77.8
EL			2.9	77.9
	57'	S -	of	Quimby
WL	RR Bank		3.9	76.9
	75'	S of	Quimby	
EL			5.0	75.8
bl			5.4	75.4
y			5.4	75.4
b			4.8	76.0
y			4.5	76.3
bl			4.3	76.5
W	Top RR Bank		4.0	76.8

POST

8077

	82'	S	of Dumby	
W2			6.4	74.4
	100'	S of	Dumby	
W2			6.2	74.6
4			6.4	74.4
3			5.3	75.5
2			5.4	754
1			5.4	754
4			5.8	75.0
E2			7.0	73.8
	108'	S of	Dumby	
E2	74.4	AR Bank	6.0	74.8

8077

	125'	S of	Dumby	
E2	74.4	AR Bank	6.2	74.6
4			8.5	72.3
3			8.0	72.8
2			7.0	73.8
1			6.4	74.4
2			6.6	74.2
W2			6.4	74.4
4	133	S of	Dumby	
E2			8.9	71.9
	150	S of	Dumby	
W2			6.2	74.6
4			6.4	744
3			6.7	74.1
2			6.5	74.3
1			7.0	73.8
4			7.8	73.0
E2			9.3	71.5

POSTED

80.77

	200'	S of	Lumby	
Ez			7.0	73.8
bl			6.7	74.1
"			6.0	74.8
b			5.8	75.0
"			5.5	75.3
bl			4.3	76.5
Wz			4.4	76.4
	250'	S of	Lumby	
Wz			2.5	78.3
bl			2.8	78.0
"			4.0	76.8
b			4.6	76.2
"			5.0	75.8
bl			5.5	75.3
Ez			6.3	74.5

80.77 Chalsworth

62

	275'	S of	Lumby = nz Pac st (60)	
Ez			5.4	75.4
bl			4.8	76.0
"			4.5	76.3
b			4.0	76.8
"			3.1	77.7
bl			1.2	79.6
Wz			0.8	80.0
TP	1.078	90.60	0.95	79.92
	S Lim of		Pac st	
nz			8.00	82.6
bl			8.9	81.7
"			10.1	80.5
b			10.3	80.3
"			10.8	79.8
bl			12.5	78.1
Ez			13.2	77.4

POSTED

9060

	50'	Sq	Par	
Er			11.8	78.8
"			11.0	79.6
"			10.4	80.2
"			9.9	80.7
"			9.2	81.4
"			8.9	81.7
Wr			7.6	83.0
	100'	Sq	Par	
Wr			6.9	83.7
"			7.2	83.4
"			8.4	82.2
"			9.2	81.4
"			9.8	80.8
"			10.4	80.2
Er			11.5	79.1

9060

Lafayette with

	150'	Sq	Par	
Er			10.8	79.8
"			9.4	81.2
"			8.8	81.8
"			8.2	82.4
"			7.4	83.2
"			6.1	84.5
Wr			5.2	85.0
	200'	Sq	Par	
Wr			4.8	85.8
"			5.2	85.4
"			5.9	84.7
"			6.8	83.8
"			7.2	83.4
"			7.9	82.7
Er			9.1	81.5

POSTED

		90.60		
	250'	S of	Par 20	
Es			8.9	81.7
bl			7.5	83.1
y			6.8	83.8
b			6.0	84.6
y			5.6	85.6
bl			4.2	86.4
Wl			3.8	86.8
TP	10.12	96.72	4.00	66.60
	275'	S = N S of Elsinore 20 (60')		
Wl			10.1	86.6
bl			10.7	86.0
y			11.5	85.2
b			11.9	84.8
y			12.8	83.9
bb			13.9	82.8
Es			14.6	82.1

		93.82			Chatsworth
		96.72			
	50'	S of	Elsinore		
Es			11.1	85.6	
bl			10.8	85.9	
y			10.0	86.7	
b			9.2	87.5	
y			8.5	88.2	
bl			6.9	89.8	
Wl	90.6	100.12	5.66	91.06	BM SW Elsinore
	50'	S of	Elsinore		
Wl			8.5	91.6	
bl			8.9	91.2	
y			10.1	90.0	
b			11.5	88.6	
y			11.5	88.6	
bl			12.8	87.3	
Es			14.3	85.8	

100.12

	100	S of	Elsevier	
El			13,0	87.1
bl			12,3	87.8
y			11,3	88.8
l			10,4	89.7
y			9,1	91.0
bl			8,2	91.9
wh			7,7	92.4
	150	S of	Elsevier	
wh			6,8	93.5
bl			7,1	93.0
y			8,4	91.7
l			8,9	91.2
y			9,4	90.7
bl			10,0	90.1
El			10,4	89.7

100.12

Chalsmont

65

	200	S of	Elsevier	
El			6,3	93.8
bl			6,7	93.4
y			6,9	93.2
l			7,4	92.7
y			7,0	93.1
bl			6,1	94.0
wh			5,7	94.4
	250	S of	Elsevier	
wh			4,0	96.1
bl			3,8	96.3
y			3,5	96.6
l			3,2	96.9
y			3,5	96.6
bl			3,1	97.0
El			3,8	96.3

		100.12		
	275'	S =	N L Allyphant (60)	
EL			2.5	97.6
bl			1.8	98.3
4			2.2	97.9
b			2.2	97.9
4			2.0	98.1
bl			2.5	97.6
WL			2.9	97.2
TP	12.36	112.02	0.46	99.66
	S Line of		Allyphant	
WL			11.40	100.65 BM
bl			10.9	101.1
4			10.3	101.7
b			9.9	102.1
4			10.0	102.0
bl			9.5	102.5
EL			10.2	101.8

		112.02		Photograph
	50'	S of	Allyphant	
EL			7.4	104.6
bl			7.3	104.7
4			7.5	104.5
b			7.3	104.7
4			7.4	104.6
bl			7.4	104.6
WL			7.8	104.2
	100'	S of	Allyphant	
WL			5.5	106.5
bl			5.0	107.0
4			5.6	106.4
b			5.9	106.1
4			5.0	107.0
bl			5.4	106.6
EL			5.8	106.2

POSTED

		11202		
	150	S of	Ollyphant	
Eh			2,9	109.1
bl			2,9	109,1
y			3,2	108.8
b			2,7	109,3
y			2,9	109.1
bl			2,4	109,6
wh			2,5	109.5
	200	S of	Ollyphant	
TR	12,75	12417	0,60	111,42
wh			11,5	112.7
bl			11,4	112.8
y			12,1	112.1
b			12,4	111.8
y			11,7	112.5
bl			11,6	112.6
Eh			11,8	112.4

		12417		Chotsworth
	250	S of	Ollyphant	
Eh			9,0	115,2
bl			9,1	115.1
y			9,3	114.9
b			9,2	115.0
y			9,7	114.5
bl			9,3	114.9
wh			9,7	114.5
	300	S of	Ollyphant	
wh			7,3	116.9
bl			6,8	117.4
y			7,3	116.9
b			6,8	117.4
y			7,0	117.2
bl			6,9	117.3
Eh			6,8	117.4

POSTED

124.7

350' S of Allyphant

EL			5,4	118.8
bl			4,9	119.3
y			5,4	118.8
b			5,0	119.2
y			4,9	119.5
bl			4,2	120.0
WL			4,7	119.5

400 S of Allyphant

WL			1,6	122.6
bl			1,5	122.7
y			1,8	122.4
b			2,3	120.9
y			2,6	121.6
bl			2,6	121.6
EL			3,2	121.0

124.7 Chalsworth

443.7 S in E
403.7 S in W } = NL of Macauley

68

EL			1,6	122.63 BM
bl			1,2	123.0
y			1,1	123.1
b			1,1	123.1
y			0,8	123.4
bl			1,0	123.2
WL			1.4	122.8

P

POSTED

X section of Mendota St (60')
from south line of Olyphant to
north line of Macaulay Sts.

				SW hub of Olyphant
	12.48	112.98	B.M.	100.50
	So line of Olyphant			
W.L.		112.98	12.5	100.5
c			11.7	101.3
1/4			11.4	101.6
℄			10.7	102.3
1/4			10.3	102.7
c			9.9	103.1
E.L.			9.9	103.1
	50' S Olyphant			
E.L.			8.9	104.1
c			9.0	104.0
1/4			9.3	103.7
℄			9.8	103.2
1/4			11.1	101.9
c			11.3	101.7
W.L.			11.0	102.0

112.98

Mendota

	100' S Olyphant			
W.L.			7.5	105.5
c			7.7	105.3
1/4			8.1	104.9
℄			8.9	104.1
1/4			8.0	105.0
c			7.6	105.4
E.L.			7.6	105.4
	150' S Olyphant			
E.L.			5.7	107.3
c			6.1	106.9
1/4			6.9	106.1
℄			6.1	106.9
1/4			5.0	108.0
c			4.1	108.9
W.L.			3.9	109.1

POSTED

112.98

175' S Olyphant

W.L.		2.7	110.3
C		3.1	109.9
¼		4.2	108.8
½		5.5	107.5
¾		6.0	107.0
C		6.1	106.9
F.L.		5.9	107.1

200' S Olyphant

F.L.		5.4	107.6
C		5.2	107.8
¼		4.8	108.2
½		4.5	108.5
¾		4.4	108.6
C		4.0	109.0
W.L.		3.7	109.3

112.98

250' So Olyphant

W.L.		1.4	111.6
C		1.7	111.3
¼		2.0	111.0
½		2.2	110.8
¾		2.5	110.5
C		3.0	110.0
F.L.		3.2	109.8
T.P.	11.72	123.60 1.10	111.88

300' So Olyphant

F.L.		11.3	112.3
C		10.7	112.9
¼		10.2	113.4
½		9.5	114.1
¾		9.2	114.4
C		8.8	114.8
W.L.		8.7	114.9

POSTED

12360

300' So Olyphant

W¼	5.3	118.3
C	5.7	117.9
¼	5.8	117.8
¼	6.3	117.3
¼	7.2	116.4
C	7.9	115.7
E¼	8.5	116.1

400' So Olyphant

E¼	4.4	119.2
C	4.2	119.4
¼	3.6	120.0
¼	3.5	120.1
¼	3.9	119.7
C	3.2	120.4
W¼	2.0	121.1

12360

Mendota

71

452' So. on E 454' So on W = NL Macaulay

W¼	0.7	122.9
C	0.9	122.7
¼	1.2	122.4
¼	1.6	122.0
¼	1.5	122.1
C	1.4	122.2
E¼	1.47	122.13

POSTED

Clough
bolt
wordin

X Section of Capistrano (60') from N.L. of Macaulay to No. Pueblo Line Lomas Hts.

BM	128.3	136.16		123.33

461.76 W.
463.8 E. N. Line Macaulay

E.L.		136.16	0.82	135.34
c			1.5	134.7
1/4			2.6	133.6
℄			4.1	132.1
1/4			5.0	131.2
c			5.9	130.3
W.L.			6.7	129.5

12' on W 140 on E. N of Macaulay

W.L.			7.3	128.9
c			6.4	129.8
1/4			5.5	130.7
℄			4.7	131.5
1/4			3.9	132.3
c			2.9	133.3
E.L.			1.7	134.5

136.16 Capistrano St.

400
64' N. of Macaulay

E.L.			4.0	132.2
c			5.6	130.6
1/4			6.9	129.3
℄			7.3	128.9
1/4			8.0	128.2
c			9.2	127.0
W.L.			9.9	126.3

350
114' N. Macaulay

W.L.			12.5	124.7
c			11.6	124.6
1/4			10.6	125.6
℄			10.1	126.1
1/4			9.6	126.6
c			8.7	127.5
E.L.			8.0	128.2

POSTED

136.16

300
167' No. Macaulay

F.f.	9.8	126.4
c	10.5	125.7
¼	11.9	124.3
½	13.1	123.1
¾	13.6	122.6
c	14.2	122.0
W.f.	14.5	121.7

T.R. 2.20 125.53 12.83 123.33

NO
214' N. Macaulay

125.53

W.f.	6.2	119.3
c	4.8	120.7
¼	4.1	121.4
½	3.6	121.9
¾	2.9	122.6
c	1.6	123.9
F.f.	0.2	125.3

125.53 Capistrano

NOO
264' N Macaulay

F.f.	2.7	122.8
c	3.4	122.1
¼	4.3	121.2
½	4.7	120.8
¾	5.8	119.7
c	6.9	118.6
W.f.	7.5	118.0

150
314' N. Macaulay

W.f.	7.9	115.6
c	9.0	116.5
¼	8.2	117.3
½	7.3	118.2
¾	5.7	119.8
c	2.9	122.6
F.f.	2.7	122.8

POSTED

125.53

100
364' N Macaulay

F.L.			3.0	122.5
c			4.2	121.3
1/4			5.6	119.9
℄			7.0	118.5
1/4			8.4	117.1
c			9.8	116.7
W.L.			10.5	115.0

50
414' N Macaulay

W.L.			11.2	114.3
c			9.6	115.9
1/4			7.7	117.8
℄			5.8	119.7
1/4			4.4	121.1
c			3.0	122.5
F.L.			2.1	123.4

Capistrano

125.53

SL. Olyphant-(60')

0
464' N Macaulay =

F.L.			3.9	121.6
c			4.8	120.7
1/4			6.3	119.2
℄			7.8	117.7
1/4			9.0	116.5
c			10.2	115.3
W.L.			11.2	114.3
T.P.	0.42	121.95	4.00	121.53

N.L. Olyphant

W.L.			7.0	114.9
c			5.7	116.2
1/4			4.7	117.2
℄			3.9	118.0
1/4			3.2	118.7
c			2.6	119.3
F.L.			2.0	119.9

POSTED

12195

25' N Olyphant

F.4			2.6	119.3
C			3.1	118.8
¼			4.0	117.9
½			4.6	117.3
¾			5.1	116.8
C			5.7	116.2
W.4			6.5	115.4

75' N Olyphant

W.4			9.3	112.6
C			8.6	113.3
¼			8.3	113.6
½			7.9	114.0
¾			7.3	114.6
C			7.1	114.8
E.4			6.9	115.0
	0.31	109.18	13.08	108.87

12198 Capistrano

125' N. Olyphant

F.4			1.3	107.9
C			1.5	107.7
¼			1.7	107.5
½			2.0	107.2
¾			2.0	107.2
C			1.6	107.6
W.4			1.2	108.0

150' N Olyphant

W.4			4.0	105.2
C			4.2	105.0
¼			4.2	105.0
½			4.1	105.1
¾			3.5	105.7
C			3.0	106.2
F.4			2.0	107.2

POST-

109.18

175' No of Olyphant

E.L			6.1	103.1
c			6.6	102.6
1/4			6.7	102.5
℄			6.7	102.5
1/4			6.8	102.4
c			6.5	102.7
W.L			6.3	102.9

225' No of Olyphant

W.L			9.4	99.8
c			9.8	99.4
1/4			10.0	99.2
℄			10.3	98.9
1/4			10.8	98.4
c			11.0	98.2
E.L			10.6	98.6
T.P.	0.15	96.55	12.78	96.40

96.55 Capistrano St

250' N. Olyphant

E.L			0.9	95.7
c			1.2	95.4
1/4			1.7	94.9
℄			2.5	94.1
1/4			2.1	94.5
c			1.7	94.9
W.L			1.0	95.6

(275) (266) Wawona (60 W 69 E)
225 on W. 216 on E. No. Olyphant = S.L. Elsmore = —

W.L			3.0	93.6
c			3.2	93.4
1/4			3.6	93.0
℄			4.2	92.4
1/4			4.0	92.6
c			3.3	93.3
E.L			2.44	94.72

96.55
N. line of ~~Elsinore~~ Wawona 54

F.L.			11.7	84.9
C			12.5	84.1
½			12.9	83.7
¼			13.3	83.3
¼			13.5	83.1
C			13.5	83.1
W.L.			13.5	83.1
T.P.	0.13	84.59	12.09	84.46

2.5' N. F. Elsinore

W.L.			4.4	80.2
C			4.3	80.3
¼			4.5	80.1
¼			4.2	80.4
¼			4.0	80.6
C			4.0	80.6
F.L.			3.9	80.7

84.59 Capistrano 54

7.5' N. F. Elsinore

F.L.			10.9	73.7
C			10.6	74.0
½			10.3	74.3
¼			9.9	74.7
¼			9.9	74.7
C			9.7	74.9
W.L.			9.1	75.5
T.P.	0.75	73.08	2.26	72.33

11.0' N. F. Elsinore

W.L.			1.9	71.2
C			2.0	71.1
¼			2.1	71.0
¼			2.4	70.7
¼			2.5	70.6
C			2.9	70.2
F.L.			2.5	70.6

POS.

73.08

Center RR Grade

111' N. of Elsinore

E.L.	7.0	66.1

125' N. of Elsinore

E.L.	6.0	67.1
C	6.0	67.1
½	5.8	67.3
Q	7.0	66.1
½	7.2	65.9
C	5.4	67.7
W.L.	3.2	69.9

135' N. of Elsinore

W.L.	8.0	65.1
C	7.1	66.0
½	6.2	66.9
Q	5.9	67.2
½	6.0	67.1
C	5.9	67.2
E.L.	6.0	67.1

73.08

150' N. of Elsinore

E.L.	7.3	65.8
C	7.5	65.6
½	6.0	67.1
Q	5.9	67.2
½	5.9	67.2
C	6.1	67.0
W.L.	6.1	67.0

Top of RR Grade

170' N. of Elsinore

W.L.	6.3	66.8

175 N. of Elsinore

W.L.	8.1	65.0
C	10.2	62.9
½	10.5	62.6
Q	10.7	62.4
½	10.7	62.2
C	11.2	61.9
E.L.	11.8	61.3

POST

73.08

190' N Elsinore

E L			13.7	59.4
c			13.0	60.1
1/4			12.9	60.2
℄			13.0	60.1
1/4			12.6	60.5
c			11.9	61.2
W L			11.3	61.8

225 N Elsinore

W L			7.2	65.9
c			6.8	66.3
1/4			6.9	66.2
℄			7.0	66.1
1/4			7.3	65.8
c			7.9	65.2
E L			8.3	64.8
	1240	82.44	3.04	70.04

82.44

270' on E 275' on W. N of Elsinore = S L Poe = (67' on E, 60' on W)

E L			12.4	70.0
c			11.8	70.6
1/4			11.1	71.3
℄			10.5	71.9
1/4			9.6	72.8
c			8.8	73.6
W L			8.5	73.9

N. Line Poe St

W L			2.4	80.0
c			3.1	79.3
1/4			3.8	78.6
℄			4.5	77.9
1/4			5.1	77.3
c			5.8	76.6
E L			6.8	75.6

POSTED

82.44

21' on E 25' on W. N of Poe St = 25' Sta

E.L.	6.0	76.44
C	5.0	77.4
¼	4.0	78.4
℄	3.3	79.1
¼	2.1	80.3
C	1.3	81.1
W.L.	0.5	81.9

7.08 89.46 0.06 82.38

75' N of Poe

W.L.	1.5	88.0
C	3.9	85.6
¼	5.6	83.9
℄	7.2	82.3
¼	8.6	80.9
C	10.0	79.5
E.L.	11.3	78.2

89.46

125' N of Poe

E.L.	11.5	78.0
C	9.4	80.1
¼	7.3	82.2
℄	5.7	83.8
¼	4.0	85.5
C	2.1	87.4
W.L.	0.4	89.1

175 N of Poe

W.L.	2.2	87.3
C	3.8	85.7
¼	5.6	83.9
℄	7.3	82.2
¼	8.9	80.6
C	9.9	79.6
E.L.	11.0	78.5

8946

200' N of Road — #4.00

E.L.	12.8	76.7
C	11.2	78.3
W.	9.9	79.6
C	8.8	80.7
W.	7.9	81.6
C	6.9	83.6
W.L.	4.2	85.3

225' N of Road

W.L.	6.7	87.8
C	8.9	81.1
W.	9.6	79.9
C	10.8	78.7
W.	12.5	77.0
C	14.0	75.5
E.L.	17.0	72.5
T.P.	9.49	79.97

(Continued on Book 930)

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TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

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	42.66	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	73.7[illegible]	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.5[illegible]	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.		