LEVEL BOOK

400

F.B. 297

297

H. S. CROCKER COMPANY

DRAWING MATERIALS AND SURVEYING INSTRUMENTS

SAN FRANCISCO

297

TABLES FOR EXCAVATIONS AND EMBANKMENTS

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING

Roadway 18 Feet Wide. Side Slopes 1 to 1.
For Single Track Excavation.

"Copyright, 1895, by Kueffel & Esser Co."

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19 5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MICROFILMED
DEC 2 1964

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

4.20
314.43
318.63
12.70
305.93 T.P.
3.10
309.03

B.M.'s on La Playa Ave

26.47 - Mk. N.W Cor Broadway

28.35 " S.W " Promontory

27.16 " " " " Alta Vista

20.27 " N.E " Frontero

24.31 - " S.E " Yosemite

26.46 S " " " Merced

29.96 " S.W " Shasta

Cross-Section of La Playa Ave. Broadway - west

7 8 9 10 { Dawn Moore Emery

POSTED 8.37 33.84 25.47-BM Hub N.W. Bridge

W.L. Broadway

No			8.4	25.4
cl			8.4	25.4
¼			9.0	24.8
c			8.1	25.7
¼			8.3	25.5
cl			8.6	25.2
So			8.7	25.1

50 W

So			10.2	23.6
cl			10.4	23.4
¼			10.2	23.6
c			10.0	23.8
¼			10.4	23.4
cl			10.0	23.8
No			9.9	23.9

100 W = El Alley

No			11.0	22.8
cl			10.9	22.9
¼			11.1	22.7
c			11.0	22.8
¼			10.8	23.0
cl			10.8	23.0
So			10.8	23.0

115 W = W.L. Alley

So			10.9	22.9
cl			11.1	22.7
¼			11.0	22.8
c			10.9	22.9
¼			11.0	22.8
cl			11.0	22.8
No			11.0	22.8

33.85

165 W Broadway

No	10.4	23.4
U	10.6	23.2
E	10.5	23.3
C	10.5	23.3
H	10.3	23.5
U	10.5	23.3
So	10.3	23.5

215 W = E. L. Promontory

So	6.6	25.2
U	8.7	25.1
E	8.7	25.1
C	8.7	25.1
H	8.8	25.0
U	8.8	25.0
No	9.0	24.0

La Playa Ave

E. U.

No	8.1	25.7
U	8.1	25.7
E	8.1	25.7
C	8.1	25.7
H	8.2	25.6
U	8.1	25.7
So	7.9	25.9

E U

So	7.6	26.2
U	7.6	26.2
E	7.6	26.2
C	7.7	26.1
H	7.7	26.1
U	7.8	26.0
No	7.7	26.1

33.85

Ctr Promontory

No			7.2	26.6
Cb			7.3	26.5
Ly			7.3	26.5
C			7.3	26.5
Ly			7.1	26.7
Cb			7.1	26.7
So			7.0	26.8
	W	Ly		
So			6.5	27.3
Cb			6.5	27.3
Ly			6.6	27.2
C			6.7	27.1
Ly			6.6	27.2
Cb			6.6	27.2
No			6.6	27.2

La Playa Ave

W Cb.

No			6.3	27.5	
Cb			6.2	27.6	
Ly			6.2	27.6	
C			6.2	27.6	
Ly			6.1	27.7	
Cb			6.1	27.7	
So			6.1	27.7	
			5.50	28.35	BM. + Int. S.W. Promontory

W. Line Promontory

So			5.5	28.3
Cb			5.6	28.2
Ly			5.5	28.3
C			5.6	28.2
Ly			5.6	28.2
Cb			5.6	28.2
No			5.5	28.3

33.85

50 W of Promontory

No	3.5	30.3
1/4	3.5	30.3
1/2	3.5	30.3
C	3.6	30.2
1/2	3.7	30.1
1/4	3.9	29.9
So	3.7	30.1

100 W. E.L. Alley

So	2.8	31.0
1/4	2.7	31.1
1/2	2.5	31.3
C	2.5	31.3
1/2	2.5	31.3
1/4	2.3	31.5
No	2.3	31.5

La Playa Ave

115 W. W.L. Alley

No	2.4	31.4
1/4	2.4	31.4
1/2	2.4	31.4
C	2.5	31.3
1/2	2.6	31.2
1/4	2.5	31.3
So	2.8	31.0

165 W

So	2.8	31.0
1/4	2.8	31.0
1/2	2.6	31.2
C	2.5	31.3
1/2	2.4	31.4
1/4	2.2	31.6
No	2.3	31.5

3385

215 W. Promontory EL. Alta Vista Ave.

No.	3.3	30.5
"	3.6	30.2
"	3.7	30.1
"	3.8	30.0
"	3.8	30.0
"	3.7	30.1
So.	4.1	29.7

E. " Alta Vista

So.	4.6	29.7
"	4.5	29.3
"	4.4	29.4
"	4.3	29.5
"	4.1	29.7
"	3.9	29.9
No.	3.9	29.9

La Playa Ave.

E "

No.	4.0	29.8
"	4.2	29.6
"	4.5	29.3
"	4.7	29.1
"	4.7	29.1
"	4.7	29.1
So.	5.0	28.8

Ctr

So.	5.4	28.4
"	5.1	28.7
"	5.0	28.8
"	4.9	28.9
"	4.8	29.0
"	4.5	29.3
No.	4.4	29.4

33.85

W ¼ Alta Vista

No	4.9	28.9	
	5.0	28.8	
	5.0	28.8	
	5.3	28.5	
	5.4	28.4	
	5.6	28.2	
So	5.8	28.0	

W. C6.

So	6.1	27.7	
	6.0	27.8	
	5.9	27.9	
	5.6	28.2	
	5.5	28.3	
	5.4	28.4	
No	5.2	28.6	

La Playa Ave.

W. L. Alta Vista

No			5.8	28.0	POSTED
			6.2	27.6	
			6.3	27.5	
			6.3	27.5	
			6.5	27.3	
			6.6	27.2	
So			6.8	27.0	
T.P.	2.82	29.88	6.79	27.06	Brn. Nut S. W. Alta Vista
	.50	W			
So			5.0	24.9	
			5.0	24.9	
			4.9	25.0	
			4.8	25.1	
			4.5	25.4	
			4.4	25.5	
No			4.2	25.7	

+9.88

100 W of Alta Vista. E.L. Alley

No	6.2	23.7
U	6.5	23.4
¼	6.6	23.3
C	6.6	23.3
¼	6.7	23.2
U	6.7	23.2
So	7.0	22.9

115' W. W.L. Alley

So	7.4	22.5
U	7.3	22.6
¼	7.2	22.7
C	7.1	22.8
¼	7.1	22.8
U	7.0	22.9
No	6.9	23.0

La Playa Ave.

165 W

No	8.4	21.5
U	8.4	21.5
¼	8.5	21.4
C	8.7	21.2
¼	8.8	21.1
U	8.8	21.1
So	8.9	21.0

215 W = E.L.

So	10.1	19.8
U	10.1	19.8
¼	10.0	19.9
C	9.8	20.1
¼	9.9	20.0
U	9.8	20.1
No	9.6	20.3
	9.61	20.37

BM Hub N.E Frontero

X Section La Playa Ave - Broadway - cont.

POSTED

7.45 32.72 25.47

E. L. Broadway

No	6.0	27.7
	4.8	27.9
W	{5.8 / 6.5}	27.8 / 27.2
3' So W.	4.9	27.8
W		
C	4.6	28.1
W	5.4	27.3
3' No W.	{5.7 / 6.2}	27.0 / 27.5
W	6.2	27.5
So	6.5	27.2

60' E Broadway

So	4.5	28.2
W	4.2	28.5
2' N. W.	{4.3 / 4.3}	28.4 / 27.4
W	4.6	28.1
C	3.9	28.8
W	4.5	28.2
3' So W.	{5.0 / 4.1}	27.7 / 28.7
W	4.0	
No	3.9	28.8

La Playa Ave.

100 E Broadway - W L Alley

No	3.9	28.8
W	4.0	28.7
2' So W.	{4.0 / 4.6}	28.6 / 27.9
W	4.5	28.2
C	3.9	28.8
W	4.8	27.9
W	{5.3 / 4.2}	27.4 / 28.5
So	4.6	28.1

115 E - E. L. Alley

So	4.8	27.9
W	{4.7 / 5.3}	28.0 / 27.7
W	4.7	28.0
C	4.2	28.5
W	4.7	28.0
3' So W.	{5.0 / 4.3}	27.7 / 28.5
W	4.1	28.6
N.	4.1	28.6

32.72

16.5 E Broadway

No			5.1	27.6
Cb			5.1	27.6
2' So Cb.			5.3 6.2	27.4 26.5
Lw			5.8	26.9
C			5.1	27.6
Lw			5.6	27.1
Cb			6.1 5.3	26.6 27.4
So			5.4	27.3

215 E = W. L. Yosemite

So			6.7	26.0
Cb			7.0 7.8	25.7 24.9
Lw			6.8	25.9
C			6.5	26.2
Lw			7.0	25.7
4' So Cb			7.0 6.6	25.7 26.1
Cb			6.7	26.0
No			6.7	26.0

La Playa Ave

W. Cb

No			7.3	25.4
Cb			7.2	25.5
3' So Cb.			7.1 7.7	25.6 25.0
Lw			6.9	25.8
C			6.9	25.8
Lw			7.7	25.0
Cb			8.1 7.3	24.6 25.4
So			7.2 7.9	25.5 24.8

W Lw

So			7.8	24.9
Cb			7.7 8.6	25.0 24.1
Lw			7.5	25.2
C			6.9	25.8
Lw			7.6	25.1
4' So Cb			8.1 7.5	24.6 25.2
Cb			7.5	25.2
No			7.6	25.1

32.72

Ctr Yosemite

No	7.7	25.0
Cl	7.6	25.1
3' So Cl.	{7.7 / 8.5	25.0 / 24.2
L	7.6	25.1
C	7.2	25.5
L	7.8	24.9
3' No Cl.	{8.1 / 7.8	24.1 / 24.9
Cl	7.8	24.9
So	7.7	25.0

E L

So	8.0	24.7
Cl	8.1	24.6
2' No Cl.	{8.1 / 9.0	24.6 / 23.7
L	7.7	25.0
C	7.4	25.3
L	8.2	24.5
4' So Cl.	{8.7 / 8.1	240 / 246
Cl	8.2	24.5
No	8.1	246

La Playa Ave.

E Cl.

No	8.2	24.5
Cl	8.3	24.4
3' So Cl.	{8.2 / 9.0	24.5 / 23.7
L	8.2	24.5
C	7.6	25.1
L	8.2	24.5
3' No Cl.	{9.3 / 8.3	23.4 / 24.4
Cl	8.2	24.5
So	8.0	24.7
	8.41	24.3 - BM. Hut S.E Yosemite.

E. line Yosemite

So	8.4	24.3
Cl	8.6	24.1
2' No Cl.	{8.7 / 9.4	24.0 / 23.3
L	8.5	24.2
C	7.8	24.9
L	8.9	23.8
5' So Cl.	{9.2 / 8.8	23.5 / 23.9
Cl	8.8	23.9
No	9.0	23.7

32.72

50 E Yosemite

No			9.8	22.9
cb			9.2	23.5
3' So Cb			{9.2 / 10.1	23.5 / 22.6
¼			9.2	23.5
c			8.5	24.2
¼			9.2	23.5
2' No Cb			{10.1 / 9.0	22.6 / 23.7
cb			9.0	23.7
So			8.5	24.2
T.P.	8.31	32.91	8.12	24.60

100 E - W.L. Alley

So			8.3	24.6
cb			8.8	24.1
3' No Cb			{8.9 / 9.9	24.0 / 23.0
¼			9.2	23.7
c			8.9	24.0
¼			9.7	23.2
4' So Cb			{10.5 / 9.8	22.4 / 23.1
cb			10.0	22.9
No			10.3	22.6

La Playa Ave.

115 E - E.L. Alley

No			10.1	22.8
cb			9.6	23.3
3' So Cb			{9.6 / 10.3	23.3 / 22.6
¼			9.6	23.3
c			8.8	24.1
¼			9.1	23.8
2' No Cb			{9.6 / 8.7	23.3 / 24.2
cb			8.7	24.2
So			8.2	24.7

165 E

So			7.9	25.0
cb			8.2	24.7
3' No Cb			{8.3 / 9.4	24.6 / 23.5
¼			8.7	24.2
c			8.4	24.5
¼			9.3	23.6
4' So Cb			{10.1 / 9.4	22.8 / 23.5
cb			9.5	23.4
No			10.1	22.8

32.9'

315' E = W.L. Merced.

N.	9.4	23.5
4	8.9	24.0
4	8.8	24.1
4 'So W.	9.5	23.4
4	8.7	24.2
4	8.1	24.8
4	8.5	24.4
4	9.0	22.9
3 'N. W.	8.2	24.7
4	8.0	24.9
So	7.5	25.4

W. W.

So	7.2	25.7
W	7.7	25.7
3 'N. W.	7.4	25.1
4	8.1	24.1
4	8.1	24.1
W	7.9	25.0
4	8.3	24.6
5 'So W	9.1	22.8
W	8.6	24.3
W	8.7	24.2
No	9.2	22.7

La Playa Ave

W 4

		24.0
No	8.9	POSTED
4	8.6	24.3
4	8.5	24.4
4 'So W	9.1	23.8
4	8.3	23.6
C	7.7	25.2
4	7.9	25.0
3 'No W	8.1	24.3
W	7.6	25.3
So	7.5	25.4
	7.1	25.8

Ctr

So	7.1	25.8
W	7.3	25.6
2 'N. W.	8.3	25.6
4	8.2	24.4
C	7.7	25.2
4	7.5	25.4
4	8.0	24.9
4 'So W.	8.7	24.2
W	8.1	24.8
N.	8.2	24.7
	8.6	24.3

32.91

E ¼ Merced

No	7.2	24.7
C	7.9	25.0
3 So. C	8.8	25.1
¼	7.6	24.3
		25.3
C	7.2	25.7
¼	7.4	25.5
3 W. C.	8.2	24.7
C	7.2	25.7
	7.1	25.8
So.	7.0	25.9

E C.

So.	6.9	26.0
C	7.0	25.9
¼ No C	7.1	25.8
¼	7.2	25.7
C	7.1	25.8
¼	7.6	25.3
3 So C.	8.3	24.6
C	7.7	25.3
	7.7	25.2
No	7.9	25.0

La Playa Ave.

E. line Merced

No	7.5	25.4
C	7.2	25.7
3 So. C.	7.3	25.6
¼	7.9	25.0
	7.2	25.7
C	6.6	26.3
¼	7.0	25.9
3 N. C.	7.5	25.4
C	6.7	26.2
	6.8	26.1
So.	6.4	26.5
	6.45	26.4
		26.4

B.M. Hub S. E Merced.

50 E Merced

So.	5.6	27.3
C	5.8	27.1
3 No C.	5.9	27.0
¼	5.7	26.4
		27.2
C	5.3	27.6
¼	5.7	27.2
4 So C.	6.3	26.6
C	5.9	27.0
	5.7	27.2
No	6.1	26.8

32.91

100 E of Merced - W.L. Alley

N.			4.5	28.4
U			4.6	28.3
3' S. Cl.			{4.6 / 5.1	28.3 / 27.8
L			4.7	28.2
C			4.3	28.6
L			4.9	28.0
3' No Cl.			{5.5 / 4.9	27.4 / 28.0
U			4.9	28.0
So.			4.7	28.2

115 E = E.L. Alley

So.			4.3	28.6
U			4.3	28.6
3' No. Cl.			{4.4 / 5.0	28.5 / 27.9
L			4.4	28.5
C			3.7	29.2
L			4.2	28.7
4' So Cl.			{4.8 / 3.9	28.1 / 29.0
U			3.9	29.0
No.			4.2	28.7

La Playa Ave

165 E

N.			2.7	30.2	
U			3.0	29.9	
3' S. Cl.			{3.0 / 3.8	29.9	
L			3.2	29.1	
				29.7	
C			3.0	29.8	
L			3.7	29.2	
4' No Cl.			{4.0 / 3.2	28.9	
U			3.2	29.7	
				29.7	
So			3.2	29.7	
T.P.	4.04	34.00	2.95	29.96	- Hub S. W. cor Shasta

215 E = W.L. Shasta

So			4.0	30.0
U			3.9	30.1
3' No Cl.			{4.0 / 4.5	30.0 / 29.5
L			3.8	30.2
C			3.3	30.7
L			3.5	30.5
4' So Cl.			{4.2 / 3.5	29.7 / 30.5
U			3.5	30.5
No			3.1	30.9

34.00

W. Ch. Shasta

No.	2.9	31.1
	3.3	30.7
Ch	3.5	30.5
3' So. Ch.	4.1	29.9
Ly	3.6	30.4
	3.2	30.8
Ch	3.8	30.2
Ly	4.1	29.9
Ch	3.9	30.1
So	4.6	29.4

W Ly

So.	4.0	30.0
Ch	3.8	30.2
Ly	3.3	30.7
Ch	3.0	31.0
Ly	3.5	30.5
5' So. Ch.	4.1	29.9
Ch	3.6	30.4
No	3.4	30.6
	3.0	31.0

La Playa Ave.

Ctr.

No	3.1	30.9
Ch	3.2	30.8
4' So. Ch.	3.6	30.4
	4.0	30.0
Ly	3.4	30.6
Ch	2.9	31.1
Ly	3.0	31.0
Ch	3.1	30.9
So	3.5	30.5

E Ly

So	3.9	30.1
Ch	3.6	30.4
Ly	3.2	30.8
Ch	3.1	30.9
Ly	3.5	30.5
Ch	3.5	30.5
No	3.4	30.6

34.00

E cr. Shasta

	3.1	30.9
N.		
	3.2	30.8
	3.3	30.7
cr	4.0	30.0
3' So cr.	3.4	30.6
4		
	3.0	31.01
c		
	3.6	30.6
4	4.1	29.9
3' W. cr.	3.3	30.3
	3.7	30.3
cr	3.7	30.3
	4.6	29.4
So		

E. line

	3.8	30.2
S.		
	3.9	30.1
	3.9	30.2
cr	4.8	29.2
3' W. cr.	4.0	30.0
4		
	3.2	30.8
c		
	3.6	30.4
4	4.2	29.8
	3.0	30.6
3' So cr.	3.2	30.8
cr		
	3.0	31.0
No		

50 E

	3.6	30.4
N.		
	3.7	30.3
	3.8	30.2
cr	4.8	29.2
3' S. cr.	4.2	29.8
4		
	3.5	30.5
c		
	4.4	29.6
4		28.8
	5.2	29.6
cr	4.0	
	4.5	29.5
So		

100 E = W.L. Alley

	5.3	28.7
So		
	5.3	28.7
	6.3	27.7
cr		
	5.3	28.7
4		
	4.6	29.4
c		
	4.8	29.2
4		
	5.7	28.3
3' So cr.	4.7	29.3
	4.3	29.3
cr		
	4.6	29.4
No		

34.00

115 E Shasta-EL. Alley

	4.9	29.1
	5.0	29.0
	5.0	29.0
3 So Ch	5.1	27.9
	5.1	28.9
	5.0	29.0
	6.1	28.0
	6.1	27.6
	5.7	28.3
	6.6	28.4

165 E

	6.7	27.3
	6.7	27.3
	7.5	26.5
	7.0	27.0
	6.3	27.7
	6.8	27.2
	7.5	26.5
3 150 Ch	6.5	27.5
	6.4	27.6
	6.4	27.6

La Playa Ave

215 E = W.L. Pescadero

			7.7	26.3
			7.7	26.3
			8.2	25.8
			7.9	26.1
			7.7	26.3
			8.3	25.7
			8.5	25.5
			8.0	26.0
			7.9	26.1
TP	4.45	26.67	1.78	2222
TP	9.58	31.23	5.02	21.65

BM's on Roosevelt

27.17	Hub S.W. Cor		Lamont
26.14	" S.E.	"	Fremont
27.93	" S.W.	"	Shasta
26.56	" S.E.	"	Merced
27.63	" "	"	Yosemite
38.43	" N.W.	"	Broadway
37.67	" N.E.	"	Promontory
39.20	" S.W.	"	Alta Vista
17.34	" S.E.	"	Frontero

Cross Section of Roosevelt Ave - Lamont West

POSTED

W. L. Lamont

	9.06	22.17
So.	9.0	22.2
"	8.8	22.4
"	8.6	22.6
"	8.6	22.6
"	8.6	22.6
"	8.5	22.7
"	8.5	22.7
No.		

50 W

No.	7.7	23.5
"	7.5	23.7
"	7.5	23.7
"	7.7	23.5
"	7.9	23.3
"	8.1	23.1
So.	8.1	23.1

100 W. Alley

So.	7.2	24.0
"	7.0	24.2
"	7.0	24.2
"	7.0	24.2
"	6.9	24.3
"	7.0	24.2
No.	6.8	24.4

115' W. Alley

No.	6.8	24.4
"	6.7	24.5
"	6.7	24.5
"	6.7	24.5
"	6.7	24.5
"	6.8	24.4
So.	6.9	24.3

UJLY 23 1937.

31.2 3

165 W. of Lamont

So			6.1	25.1	
Cl			5.9	25.3	
1/4			5.9	25.3	
C			5.9	25.3	
1/4			5.9	25.3	
Cl			5.9	25.3	
No			6.1	25.1	

215 W. E.L. Fremont

No			5.6	25.6	
Cl			5.4	25.8	
1/4			5.4	25.8	
C			5.3	25.9	
1/4			5.3	25.9	
Cl			5.2	26.0	
So			5.1	26.1	
			5.12	26.11	BM. Hub S.E Fremont

Roosevelt

E. Cl.

So			4.9	26.3	
Cl			5.0	26.2	
1/4			5.0	26.2	
C			5.0	26.2	
1/4			5.1	26.1	
Cl			5.1	26.1	
No			5.2	26.0	

E 1/4

No			5.2	26.0	
Cl			5.0	26.0	
1/4			5.0	26.0	
C			4.9	26.3	
1/4			4.9	26.3	
Cl			4.9	26.3	
So			4.9	26.3	

31.23

Ctr Fremont

S.	5.0	26.2
"	4.8	26.4
"	5.0	26.2
"	4.9	26.3
"	5.0	26.2
"	5.0	26.2
N.	5.4	25.8

W ¼

N.	5.4	25.8
"	5.2	26.0
"	5.0	26.2
"	4.9	26.3
"	4.8	26.4
"	4.9	26.3
N.	4.9	26.3

Roosevelt

W. Ck.

S.	4.7	26.5
"	4.7	26.5
"	4.8	26.4
"	4.9	26.3
"	5.2	26.0
"	5.3	25.9
N.	5.6	25.6

W. Line

N.	5.8	25.4
"	5.1	26.1
"	4.8	26.4
"	4.7	26.5
"	4.6	26.6
"	4.6	26.6
S.	4.4	26.8

31.23

50 W of Fremont

So	4.3	26.9
Ca	4.7	26.5
Ly	4.8	26.4
C	5.1	26.1
Ly	5.3	25.9
Ca	5.5	25.7
No	5.9	25.3

100 W = Alley

No	6.1	25.1
Ca	5.9	25.3
Ly	5.8	25.4
C	5.7	25.6
Ly	5.2	26.0
Ca	5.0	26.2
So	4.8	26.4

Roosevelt.

115 W. Alley

So	5.0	26.2
Ca	5.2	26.0
Ly	5.5	25.7
C	5.7	25.5
Ly	5.8	25.4
Ca	5.8	25.4
No	5.8	25.4

165 W

No	5.6	25.6
Ca	5.6	25.6
Ly	5.5	25.7
C	5.4	25.8
Ly	5.3	25.9
Ca	5.2	26.0
So	5.0	26.2

31.23

215' W. of Fremont E.L. Pescadero

So			4.4	26.8
Ch			4.7	26.5
4			4.8	26.4
C			4.7	26.5
4			4.8	26.4
Ch			4.9	26.3
No			5.0	26.2
T.P.	P.S.2	34.78	4.97	26.26

W.L. Pescadero

No			7.0	27.4
Ch			7.4	27.4
4			7.4	27.4
C			7.4	27.4
4			7.3	27.5
Ch			7.1	27.7
So			6.8	28.0

Roosevelt

50 W

So			6.1	28.7
Ch			6.4	28.4
4			6.4	28.4
C			6.5	28.3
4			6.5	28.3
Ch			6.5	28.3
No			6.5	28.3

100 W. Alley

V.			5.5	29.3
Ch			5.4	29.4
4			5.5	29.3
C			5.5	29.3
4			5.6	29.2
Ch			5.6	29.2
So			5.7	29.1

34.78

115 W of Pescadero Alley

So			5.5	29.3
Cl			5.5	29.3
1/4			5.6	29.2
C			5.4	29.4
1/4			5.3	29.5
Cl			5.2	29.6
No			5.2	29.6

165 W

No			4.7	30.1
Cl			4.9	29.9
1/4			5.0	29.8
C			5.3	29.5
1/4			5.4	29.4
Cl			5.4	29.4
So			5.4	29.4

Roosevelt.

215 W. E.L. Shasta

So			5.9	28.9
Cl			5.7	29.1
1/4			5.6	29.2
C			5.2	29.6
1/4			5.2	29.6
Cl			4.9	29.9
No			4.7	30.1

E Cl.

No			4.7	30.1
Cl			5.0	29.8
1/4			5.3	29.5
C			5.5	29.3
1/4			5.5	29.3
Cl			5.8	29.0
So			6.1	28.7

34.78

E ¼ Shasta

So			6.1	28.7
Cb			5.9	28.9
¼			5.6	29.2
C			5.5	29.3
¼			5.3	29.5
Cb			5.1	29.7
No			4.7	30.1

Ctr

No			4.9	29.9
Cb			5.1	29.7
¼			5.2	29.6
C			5.4	29.4
¼			5.6	29.2
Cb			5.8	29.0
So			6.2	28.6

Roosevelt

W ¼

So			6.4	28.4
Cb			6.1	28.7
¼			6.0	28.8
C			5.6	29.2
¼			5.5	29.3
Cb			5.3	29.5
No			5.0	29.8

W Cb

No			5.1	29.7
Cb			5.3	29.5
¼			5.6	29.2
C			5.7	29.1
¼			6.0	28.8
Cb			6.3	28.5
So			6.6	28.2
			6.85	27.93

Bm Hub
S.W. Shasta

34.78

W. L. Shasta

So	6.8	28.0
W	6.5	28.3
¼	6.3	28.5
C	5.8	29.0
¼	5.7	29.1
W	5.6	29.2
No	5.3	29.5

50 W

No	5.6	29.2
W	6.1	28.7
¼	6.4	28.4
C	6.6	28.2
¼	6.9	27.9
W	7.1	27.7
So	7.5	27.3

Roosevelt

100 W. Alley

POSTED

So	8.0	26.8
W	7.6	27.2
¼	7.3	27.4
C	6.9	27.9
¼	6.7	28.1
W	6.4	28.4
No	6.2	28.6

115 W. Alley

No	6.2	28.6
W	6.6	28.2
¼	7.0	27.8
C	7.1	27.7
¼	7.3	27.5
W	7.7	27.1
So	8.1	26.7

34.38

165 W Shasta.

So			7.1	26.7
"			7.2	27.1
4			7.4	27.4
C			7.2	27.6
4			7.0	27.8
"			6.8	28.0
N.			6.5	28.3

215 W. EL Merced.

N.			6.7	28.1
"			7.0	27.8
4			7.2	27.6
C			7.3	27.5
4			7.5	27.3
"			7.8	27.0
S.			8.0	26.8
T.P.	6.38	32.94	P.22	26.56

BM. S.E Merced

Roosevelt.

E C.

So			6.3	26.6
"			5.9	27.0
4			6.7	27.2
C			5.5	27.4
4			5.3	27.6
"			5.1	27.8
N.			4.8	28.1

E 4

No			4.8	28.1
"			5.1	27.8
4			5.7	27.7
C			5.4	27.5
4			5.6	27.3
"			5.7	27.2
So			6.0	26.9

32.94

Ctr Merced

So.	5.7	27.2
"	5.6	27.3
"	5.5	27.4
C	5.4	27.5
"	5.2	27.7
"	5.0	27.9
No.	4.7	28.2

W. "

No.	4.7	28.2
"	4.9	28.0
"	5.1	27.8
C	5.2	27.7
"	5.4	27.5
"	5.5	27.4
So.	5.7	27.2

Roosevelt

W. Ch.

So.	5.7	27.2
"	5.4	27.5
"	5.3	27.6
C	5.1	27.8
"	5.0	27.9
"	5.0	27.9
No.	4.7	28.2

W. Line

No.	4.6	28.3
"	4.9	28.0
"	5.0	27.9
C	5.1	27.8
"	5.3	27.6
"	5.4	27.5
So.	5.7	27.2

32.94

50 W of Merced.

50	5.3	27.6
4	5.1	27.8
4	5.1	27.8
4	4.9	28.0
4	4.8	28.1
4	4.7	28.2
4	4.5	28.4

100 W = Alley

40	4.6	28.3
4	4.6	28.3
4	4.7	28.2
4	4.7	28.2
4	5.0	27.9
4	5.1	27.8
50	5.4	27.5

Roosevelt.

115 W = Alley

50	5.4	27.5
4	5.0	27.9
4	4.9	28.0
4	4.8	28.1
4	4.7	28.2
4	4.6	28.3
40	4.6	28.3

165 W

40	4.5	28.4
4	4.7	28.2
4	5.0	27.9
4	5.1	27.8
4	5.2	27.7
4	6.3	27.6
50	5.4	27.5
	5.31	27.63

BM Stake
S.E Yosemite

32.94

215 W= E.L Yosemite

So			5.3	27.6
U			5.2	27.7
4			5.0	27.9
C			4.9	28.0
4			4.8	28.1
U			4.6	28.3
No			4.6	28.3

E U

No			4.4	28.5
U			4.4	28.5
4			4.7	28.2
C			4.7	28.2
4			4.9	28.0
U			5.1	27.8
So			5.2	27.7

Roosevelt.

E 4

So			5.1	27.8
U			4.9	28.0
4			4.7	28.2
C			4.7	28.2
4			4.6	28.3
U			4.4	28.5
No			4.3	28.6

C tr

No			4.4	28.5
U			4.4	28.5
4			4.4	28.5
C			4.4	28.5
4			4.6	28.3
U			4.7	28.2
So			4.9	28.0

32.9 W

W 4 Yosemite

So	5.1	27.8
W	4.7	28.2
4	4.7	28.2
C	4.6	28.3
4	4.6	28.3
W	4.3	28.6
No	4.2	28.7

W Cl

No	4.1	28.8
W	4.1	28.8
4	4.3	28.6
C	4.5	28.4
4	4.5	28.4
W	4.6	28.3
So	4.9	28.0

Roosevelt

W Line

So	4.6	28.3
W	4.5	28.4
4	4.3	28.6
C	4.2	28.7
4	4.0	28.9
W	3.8	29.1
No	3.9	29.0

32 W

No	2.7	30.2
W	2.8	30.1
4	3.0	29.9
C	2.9	30.0
4	2.9	30.0
W	3.0	29.9
So	3.2	29.7

32.94

100 W of Yosemite-Alley

S.			1.4	31.5
"			1.1	31.8
"			1.1	31.8
C			0.9	32.0
"			0.8	32.1
"			0.9	32.0
N.			1.0	31.9
T.P.	12.02	43.99	0.97	31.97

115' W. Alley

N.			11.4	32.6
"			11.4	32.6
"			11.4	32.6
C			11.5	32.5
"			11.7	32.3
"			11.9	32.1
S.			12.0	32.0

Roosevelt

165' W

S.			10.3	33.7
"			10.0	34.0
"			9.8	34.2
C			9.6	34.4
"			9.5	34.5
"			9.5	34.5
N.			9.4	34.6

215' W. E.L. Broadway

N.			7.6	36.4
"			7.7	36.3
"			7.9	36.1
C			8.2	35.8
"			8.3	35.5
"			8.4	35.6
S.			8.8	35.2

43.99

W. L. Broadway

S.	7.5	36.5
4	7.0	37.0
4	6.7	37.3
C	6.5	37.5
4	6.2	37.8
4	5.9	38.1
N.	5.6	38.1
Chk BM - N.W Broadway	5.57	38.42 / 38.43
	5.23 43.66	38.43

50' W

N.	4.6	39.1
4	5.0	38.7
4	5.4	38.3
C	5.8	37.9
4	6.2	37.5
4	6.5	37.2
S.	7.1	36.6

Roosevelt

100 W - Alley

50	7.5	36.2
4	6.8	36.9
4	6.4	37.3
C	6.0	37.7
4	5.5	38.2
4	5.2	38.5
N.	4.5	39.2

115 W - Alley

N.	4.6	39.1
4	5.3	38.4
4	5.8	37.9
C	6.1	37.6
4	6.5	37.2
4	7.0	36.7
S.	7.6	36.1

4366

165 W of Broadway

So	8.0	35.7
U	7.6	36.1
4	7.2	36.5
C	6.7	37.0
4	6.5	37.2
U	6.1	37.6
No	5.2	38.5
	5.99	37.67 - BM. HUGN.B

215 W. E. L. Promontory - Promontory

No	6.0	37.7
U	6.6	37.1
4	6.9	36.8
C	7.2	36.5
4	7.6	36.1
U	7.8	35.9
So	8.3	35.4

Roosevelt

E U.

So	8.1	35.6
U	7.7	36.0
4	7.4	36.3
C	6.9	36.8
4	6.6	37.1
U	6.5	37.2
No	5.9	37.8

E 4

No	6.0	37.7
U	6.5	37.2
4	6.8	36.9
C	7.0	36.7
4	7.5	36.2
U	7.9	35.8
So	8.3	35.4

4366

Ctr Promontory

S.		8.2	35.5
4		7.7	36.0
4		7.5	36.2
C		7.1	36.6
4		6.8	36.9
4		6.6	37.1
N.		6.1	37.6

W 4

N.		6.1	37.6
4		6.5	37.2
4		6.7	37.0
C		7.0	36.7
4		7.4	36.3
4		7.6	36.1
So		7.8	35.9

Roosevelt

W. Ctr.

S.		7.7	36.0
4		7.5	36.2
4		7.2	36.5
C		6.8	36.9
4		6.6	37.1
4		6.3	37.4
N.		6.0	37.7

W. Line:

N.		6.0	37.7
4		6.2	37.5
4		6.6	37.1
C		6.8	36.9
4		7.0	36.7
4		7.1	36.6
So		7.6	36.1

43.66

50 West Promintory

So	6.2	37.5
"	6.9	37.8
"	5.8	37.9
"	5.6	38.1
"	5.4	38.3
"	6.3	38.4
No	5.1	38.6

100 W - Alley

No	3.8	39.9
"	3.9	39.8
"	4.1	39.6
"	4.1	39.6
"	4.1	39.6
"	4.4	39.3
~~So~~	4.7	39.0

Roosevelt

115 W. Alley

~~So~~	4.5	39.2
"	3.9	39.8
"	3.9	39.8
"	3.9	39.8
"	3.7	40.0
"	3.6	40.1
~~No~~	3.5	40.2

165 W

No	~~2.6~~	41.1
"	2.7	41.0
"	2.7	41.0
"	2.8	40.9
"	2.9	40.8
"	3.1	40.6
So	3.2	40.5

POSTED

4.3.66

215 W. E.L. Alta Vista

So			3.1	40.6
Cl			2.8	40.9
Lt			2.8	40.9
C			2.8	40.9
Lt			2.6	41.1
Cl			2.6	41.1
No			2.6	41.1
	E	Cl.		
No			2.6	41.1
Cl			2.8	40.9
Lt			2.9	40.8
C			3.0	40.7
Lt			3.0	40.7
Cl			3.1	40.6
So			3.1	40.6

Roosevelt

E 4

So			3.2	40.5
Cl			3.2	40.5
Lt			3.2	40.5
C			3.0	40.7
Lt			2.8	40.9
Cl			2.8	40.9
No			3.1	40.6
		Ctr.		
No			3.3	40.4
Cl			3.1	40.6
Lt			3.2	40.5
C			3.2	40.5
Lt			3.3	40.4
Cl			3.2	40.5
So			3.3	40.4

43.66

W. L. Alta Vista

So.			3.5	40.2	
Cl			3.4	40.3	
L			3.4	40.3	
C			3.3	40.4	
L			3.3	40.4	
Cl			3.4	40.3	
No			3.4	40.3	
		W. Cl			
No			4.0	39.7	
Cl			4.0	39.7	
L			3.9	39.8	
C			3.8	39.9	
L			4.0	39.7	
Cl			4.0	39.7	
So			3.8	39.9	
TP	1.76	40.96	4.46	39.20	Hub S. VII Alta Vista

Roosevelt

W. L. Alta Vista

So			1.7	39.3
Cl			1.7	39.3
L			1.8	39.2
C			1.6	39.4
L			1.7	39.3
Cl			1.9	39.1
No			2.1	38.9
		So VV		
No			6.0	35.0
Cl			5.4	35.6
L			5.2	35.8
C			5.1	35.9
L			4.6	36.4
Cl			4.5	36.5
So			4.4	36.6

10.96

100 W of Alta Vista - Alley

So			8.6	32.4
"			9.1	31.9
"			9.6	31.4
"			9.6	31.4
"			10.6	30.4
"			11.3	29.7
No			12.2	28.8

115 W - Alley

No			14.0	26.0
"			13.0	27.0
"			12.3	27.7
"			11.8	28.2
"			11.4	28.6
"			11.0	29.0
So			10.3	29.7
T.P.	0.63	28.71	12.88	28.08

Roosevelt

165' W

So			4.0	24.7
"			5.2	23.5
"			6.2	22.5
"			7.1	21.3
"			8.3	20.4
"			9.0	19.7
No			10.5	18.2

215' W - E. L. Frontera

No			15.2	13.5
"			14.6	14.1
"			14.6	14.1
"			14.2	14.5
"			13.7	15.0
"			12.7	16.0
So			11.1	17.6
BM			11.37	17.34
TP	17.10	37.18	3.63	25.08

Hub. SE Frontera

Cross-Section of Sunset Ave. Frontero
To Lamont 7/11/07 {Davis, Morris, Emery} For BMs see Back of Book.

E. line Frontero.

		37.18			
S.			13.5		23.7
u			13.1		24.1
4			12.8		25.6
c			12.6		24.6
4			12.4		24.8
u			12.1		25.1
No			11.8		25.4
			11.81	25.37	
BM.					
	50' E				
No			9.1		28.1
u			9.4		27.8
4			9.6		27.6
c			9.9		27.3
4			10.1		27.1
u			10.3		26.9
So			10.8		26.4

POSTED

			100 E - Alley		
S.			7.7		29.5
u			7.3		29.9
4			7.0		30.2
c			6.7		30.5
4			6.5		30.7
u			6.1		31.1
No			5.9		31.3
			115 E - Alley		
No			4.6		32.6
u			5.1		32.1
4			5.3		31.9
c			5.6		31.6
4			5.8		31.4
u			6.0		31.2
S.			6.5		30.7

37.18

165 E Frontero

So			2.7	34.5
C			2.1	35.1
L			1.6	35.6
O			1.3	35.9
L			1.1	36.1
C			0.9	36.3
No			0.3	36.9
T.P.	12.68	48.28	1.58	35.60
			7.59	40.69 - BM

.215 E = W.L. Alto Vista

No			7.6	40.7
C			8.1	40.2
L			8.3	40.0
C			8.6	39.7
L			9.0	39.3
C			9.4	38.9
So			10.0	38.3

Sunset Ave.

W. Ch.

So	9.0	39.3
C	8.5	39.8
L	8.1	40.2
C	7.7	40.6
L	7.2	41.1
C	6.9	41.4
No	6.6	41.7

W L

No	6.2	42.1
C	6.6	41.7
L	6.7	41.6
C	7.2	41.1
L	7.6	40.8
C	7.9	40.4
So	8.5	39.8

48.38

Ctr Alta Vista

So	7.7	40.6
	7.4	40.9
	7.2	41.1
	6.8	41.5
	6.6	41.7
	6.2	42.1
No	5.6	42.7

E 4th

No	5.5	42.8
	5.8	42.5
	6.2	42.1
	6.5	41.8
	6.7	41.6
	7.1	41.2
So	7.4	40.9

Sunset Ave

E Ct.

So	7.1	41.2
	6.7	41.6
	6.3	42.0
	6.1	42.2
	6.0	42.3
	5.8	42.5
No	5.2	43.1

E line

No	4.9	43.4
	5.4	42.9
	5.7	42.6
	6.0	42.3
	6.0	42.3
	6.3	42.0
So	6.7	41.6

46.28

50 E of Alta Vista

So		5.7	42.6
	POSTED		
U		5.3	43.0
H		5.2	43.1
C		5.1	43.2
H		4.9	43.4
U		4.9	43.4
No		4.5	438

100 E = Alley

No		4.9	43.4
U		4.9	43.4
H		5.1	43.2
C		5.1	43.2
H		5.1	43.2
U		5.0	43.3
So		5.0	43.3

Sunset Ave

115 E-Alley

So		4.6	43.7
U		4.7	43.6
H		5.0	43.3
C		5.0	43.3
H		5.0	43.3
U		5.1	43.2
No		5.1	43.2

165 E

No		5.1	43.2
U		4.8	43.5
H		4.3	44.0
C		4.1	44.2
H		3.7	44.6
U		3.1	45.2
So		2.9	45.4

48.28

215 E = W.L. Primitory

So			2.1	45.2
W			2.3	46.0
L			2.5	45.8
C			2.7	45.6
L			3.2	45.1
W			3.5	44.8
No			4.0	44.3
TP	8.27	52.56	3.99	44.29 -BM

W/ Ch

No			7.8	44.8
W			7.3	45.3
L			7.1	45.5
C			6.7	45.9
L			6.5	46.1
W			6.1	46.5
So			5.8	46.8

Sunset Ave.

W-L

So			5.7	46.9
Ch			5.9	46.7
L			6.1	46.5
C			6.4	46.2
L			6.7	45.9
W			7.0	45.6
No			7.6	45.0

Ctr

No			7.3	45.3
W			6.7	45.9
L			6.4	46.2
C			6.2	46.4
L			5.8	46.8
W			5.7	46.9
So			5.5	47.1

5.12

E of Promontory

S.	5.3	47.3
W	5.5	47.1
W	5.7	46.9
C	5.9	46.7
W	6.3	46.3
W	6.6	46.0
No	7.1	45.5

E of

No	6.7	45.9
W	6.1	46.5
W	6.0	46.6
C	5.7	46.9
W	5.5	47.1
W	5.3	47.3
So	5.0	47.6

Sunset Ave.

E Ino.

So	5.0	47.6
W	5.2	47.4
W	5.3	47.3
C	5.4	47.2
W	5.7	46.9
W	5.8	46.8
No	6.4	46.2

5° E

No	5.0	47.6
W	4.7	47.9
W	4.5	48.1
C	4.7	47.9
W	4.5	48.1
W	4.4	48.2
So	4.5	48.1

52.56

100 E of Promontory - Alley

So			4.3	48.3
"			3.7	48.9
"			3.8	48.8
"			3.8	48.8
"			4.2	48.4
"			4.1	48.5
No			4.1	48.5

115 E - Alley

No			4.0	48.6
"			3.9	48.7
"			3.9	48.7
"			4.0	48.6
"			3.9	48.7
"			3.9	48.7
So			4.4	48.2

Sunset Ave

165 E

S.			4.9	47.7
"			4.7	47.9
"			4.5	48.1
"			4.6	48.0
"			4.6	48.0
"			4.4	48.2
N.			4.3	48.3

215 E - W.L. Broadway

N.			6.0	47.6
"			5.3	47.3
"			5.2	47.4
"			5.2	47.4
"			5.4	47.2
"			5.6	47.0
S.			6.0	46.6
T.B	240	48.97	5.97	46.89 46.57

JP.97

E. Line. Broadway

So	4.5	44.5
6	4.2	44.8
4	4.0	45.0
C	3.8	45.2
4	3.6	45.4
a	3.4	45.6
No	3.3	45.7

50 E

No	4.6	44.4
4	4.9	44.1
4	5.1	43.9
C	5.3	43.7
4	5.4	43.6
a	5.5	43.5
So	5.9	43.1

Sunset Ave

100 E - Alley

So	7.3	41.7
a	7.1	41.9
4	7.0	42.0
C	6.8	42.2
4	6.5	42.5
a	6.3	42.7
No	6.0	43.0

115 E - Alley

No	6.5	42.5
4	6.8	42.2
4	7.0	42.0
C	7.2	41.8
4	7.5	41.5
a	7.6	41.4
So	7.8	41.2

48.97

16.5' E of Broadway

So	9.2	39.8
L	8.5	40.5
¼	8.4	40.6
C	8.3	40.7
¼	8.1	40.9
L	8.0	41.0
No	7.7	41.3

215 E W.L. Yosemite

No	8.8	40.2
L	9.1	39.9
¼	9.3	39.7
C	9.6	39.4
¼	9.9	39.1
L	10.1	38.9
So	10.5	38.5
Rm	10.60	38.47

Sunset Ave

W CL.

S.	10.9	38.1
L	10.4	38.6
¼	10.3	38.7
C	9.9	39.1
¼	9.6	39.4
L	9.5	39.5
N.	9.2	39.8

W ¼C

N.	9.3	39.7
L	9.8	39.2
¼	10.0	39.0
C	10.2	38.8
¼	10.5	38.5
L	10.9	38.1
S.	11.1	37.9

48.97

Ctr Yosemite

So		11.3	37.7
"		10.8	38.2
"		10.6	38.4
"		10.4	38.6
"		10.1	38.9
"		9.9	39.1
No		9.4	39.6

E 4

No		9.7	39.3
"		10.1	38.9
"		10.3	38.7
"		10.6	38.6
"		10.7	38.3
"		11.0	38.0
So		11.4	37.6

Sunset Ave

E Ctr

So		11.4	37.6
"		11.1	37.9
"		10.9	38.1
"		10.7	38.3
"		10.5	38.5
"		10.2	38.8
No		10.0	39.0

E. line Yosemite

No		10.7	38.8
"		10.6	38.4
"		10.8	38.2
"		11.1	37.9
"		11.3	37.7
"		11.6	37.4
So		11.9	37.1
TP	6.93	44.66	10.24	38.72

4.4.66

50' E of Yosemite

S.		P.2	36.5
U		P.1	36.6
L		7.9	36.8
C		7.8	36.9
L		7.4	37.3
U		7.0	37.7
N.		6.6	38.1

100' E - Alley

N.		7.0	37.7
U		7.7	37.0
L		7.8	36.9
C		8.1	36.6
L		P.4	36.3
U		P.7	36.0
S.		9.0	35.7

115' E - Alley

S.		9.0	35.7
U		8.5	36.2
L		8.3	36.4
C		P.1	36.6
L		7.9	36.8
U		7.5	37.2
N.		7.1	37.6

165' E

N.		7.0	37.7
U		7.3	37.4
L		7.5	37.2
C		7.8	36.9
L		8.0	36.7
U		8.3	36.4
S.		8.7	36.0
		7.9	36.74 BM

4.66

25E = W.L. Merced

So	7.9	36.8
"	7.5	37.2
"	7.0	37.7
"	6.9	37.8
"	6.7	38.0
"	6.5	38.2
No	6.2	38.5

W. Ctr

No	5.9	38.8
"	6.1	38.6
"	6.4	38.3
"	6.5	38.2
"	6.8	37.9
"	7.1	37.6
So	7.4	37.3

W

So	7.3	37.4
"	7.0	37.7
"	6.8	37.9
"	6.5	38.2
"	6.4	38.3
"	6.0	38.7
No	5.6	39.1

Ctr

No	5.4	39.3
"	5.6	39.1
"	6.0	38.7
"	6.1	38.6
"	6.3	38.4
"	6.6	38.1
So	7.0	37.7

44.6

E 4 Merced

So	6.7	38.0
"	6.4	38.3
"	6.2	38.5
"	6.0	38.7
"	5.7	39.0
"	5.6	39.1
No	5.2	39.5

E cb

No	4.8	39.9
"	4.9	39.8
"	5.3	39.4
"	5.7	39.0
"	5.9	38.8
"	6.1	38.6
So	6.7	38.0

E. line

So	5.9	38.8
"	5.7	39.0
"	5.4	39.3
"	5.9	39.8
"	4.7	40.0
"	4.6	40.1
No	4.3	40.4

67 E

No	2.6	42.1
"	3.1	41.6
"	3.4	41.3
"	3.6	41.1
"	3.7	41.0
"	3.7	41.0
So	4.2	40.5

44.66

100 E Mercedes Alley

So			3.0	41.7
W			2.3	42.4
W			2.0	42.7
C			1.7	43.0
C			1.2	43.5
W			1.1	43.6
No			0.7	44.0
T.P.	4.71	48.16	0.71	43.95

115 E Alley

No			4.0	44.2
W			4.5	43.7
W			4.5	43.7
W			4.9	43.3
C			5.4	42.8
C			5.6	42.6
So			6.3	41.9

165 E

So		6.3	42.9
W		6.2	43.0
W		4.8	43.4
W		4.5	43.7
C		4.2	44.0
C		3.7	44.5
W		3.4	44.8
No			

215 E = N.L. Shasta

No		3.7	44.5
W		4.1	44.1
W		4.5	43.7
W		4.7	43.5
C		4.9	43.3
C		5.1	43.1
W		5.6	42.6
So			

48.14

W Ch. Shasta

So			5.9	42.3
Ub			5.6	42.6
Lx			5.2	43.0
C			4.8	43.4
Lx			4.7	43.5
Ch			4.4	43.8
No			3.9	44.3

W Lx

N.			4.0	44.2
Ch			4.5	43.7
Lx			4.7	43.5
C			4.9	43.3
Lx			5.3	42.9
Ch			5.6	42.6
So			6.1	42.1

Ctr.

So			6.0	42.2
Ub			5.6	42.6
Lx			5.3	42.9
C			5.1	43.1
Lx			4.7	43.5
Ch			4.4	43.8
N.			4.1	44.1

E Lx

N.			4.5	43.7
Ub			5.0	43.2
Lx			5.2	43.0
C			5.6	42.6
Lx			5.8	42.4
Ch			6.2	42.0
So			6.6	41.6

48.16

E Cl Shasta

S.		7.1	41.1	
W		6.3	42.1	
4		6.0	42.2	
C		5.8	42.4	
4		5.5	42.7	
Cl		5.4	42.8	
No		5.0	43.2	

E line

No		5.5	42.7	
W		6.1	42.1	
4		6.2	42.0	
C		6.4	41.8	
4		6.4	41.8	
Cl		6.8	41.4	
So		7.3	40.9	
B.M.		7.30	40.86	40.90

50 E

So		9.6	38.6	
W		9.1	39.1	
4		8.7	39.5	
C		8.2	40.0	
4		7.8	40.4	
Cl		7.9	40.3	
No		7.5	40.7	

100 E - Alley

No		9.5	38.7	
W		9.9	38.3	
4		10.0	38.2	
C		10.4	37.8	
4		10.7	37.5	
Cl		10.9	37.3	
S.		11.2	37.0	

48.16

1.5 E of Shasta Alley

S_0			11.6	36.6
4			11.0	37.2
1/4			11.0	37.2
C			10.8	37.4
1/4			10.6	37.6
4			10.5	37.7
N_0			10.0	38.2

1.65 E

N_0			11.3	36.9
4			11.8	36.4
1/4			12.0	36.2
C			12.2	36.0
1/4			12.3	35.9
4			12.3	35.9
S_0			12.7	35.5
T.P.	2.27	38.34	12.09	36.07

2.15 E = W.L. Pescadero

S_0	3.8	34.5
4	2.8	35.5
1/4	3.1	35.2
C	2.8	35.5
1/4	2.6	357
4	2.5	35.8
N_0	2.3	36.0

E.L. Pescadero

N_0	3.2	35.1
4	3.5	34.8
1/4	3.5	34.8
C	3.8	34.5
1/4	4.2	34.1
4	4.2	34.1
S_1	4.4	33.9

3834

50 E of Pescadero.

S.	5.4	32.9
W	5.0	33.3
SW	5.0	33.3
W	4.6	33.7
SW	4.4	33.9
W	4.3	34.0
NW	3.9	34.4

100 E = Alley

NW	5.2	33.1
W	5.4	32.9
W	5.5	32.8
W	5.8	32.5
SW	6.1	32.2
W	6.2	32.1
SW	4.6	31.7

115 E = Alley.

S.	6.9	31.4
W	6.6	31.7
SW	6.4	31.9
W	6.3	32.0
SW	6.0	32.3
W	6.0	32.3
NW	6.7	32.6

165 E.

NW	7.0	31.3
W	7.3	31.0
SW	7.3	31.0
W	7.3	31.0
SW	7.6	30.7
W	7.7	30.6
SW	8.0	30.3
	9.08	29.26 BM

38.34

316 E = W. L. Fremont

So	9.1	29.2
U	9.0	29.3
¼	8.8	29.5
C	8.7	29.6
¼	8.5	29.8
U	8.4	29.9
No	8.0	30.3

W. Ch.

No	8.3	30.0
U	8.7	29.6
¼	8.8	29.5
C	9.3	29.0
¼	9.4	28.9
U	9.7	28.6
So	9.8	28.5

W ¼

So	10.1	28.2
U	9.8	28.5
¼	9.6	28.7
C	9.4	28.9
¼	8.7	29.6
U	8.8	29.5
No	8.5	29.8

Ch.

No	8.9	29.4
U	9.0	29.3
¼	9.1	29.2
C	9.8	28.5
¼	10.0	28.3
Ch	9.9	28.4
So	10.3	28.0

38-34

E ¼ Fremont

So	10.5	27.8	
"	10.3	28.0	
"	10.3	28.0	
"	10.3	28.0	
"	10.0	28.3	
"	9.5	28.8	
No	9.4	28.9	

E "

No	9.8	28.5	
"	10.2	28.1	
"	10.2	28.1	
"	10.4	27.9	
"	10.5	27.8	
"	10.6	27.7	
So	10.9	27.4	

E. line

So	11.5	26.8	
"	11.2	27.1	
"	11.1	27.2	
"	10.8	27.5	
"	10.7	27.6	
"	10.5	27.8	
No	10.4	27.9	

50 E of Fremont

No	12.0	26.3	
"	12.1	16.2	
"	12.2	26.1	
"	12.3	26.0	
"	12.4	25.9	
"	12.7	25.6	
"	12.9	25.4	
T.P.	4.25	29.92	12.67	25.67

2994

100 E of Fremont Alley

So	6.0	23.9
U	5.9	24.0
↓	5.6	24.3
C	5.5	24.4
↓	5.3	24.6
U	5.2	24.7
No	4.8	25.1

115 E. Alley

No	5.2	24.7
U	5.5	24.4
↓	5.6	24.3
C	5.7	24.2
↓	5.8	24.1
U	6.1	23.8
So	6.3	23.6

165 E

So	7.5	22.4
U	7.1	22.8
↓	7.1	22.8
C	7.0	22.9
↓	6.8	23.1
U	6.7	23.2
No	6.3	23.6

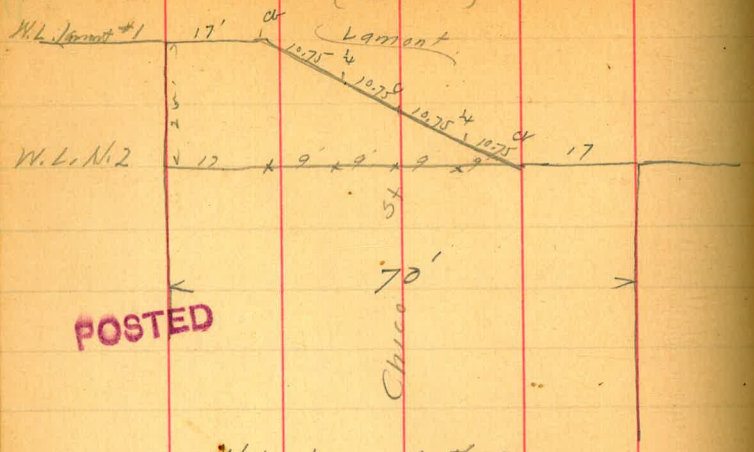
215 E. W.L. Lamont

No	7.5	22.4
U	7.9	22.0
↓	7.9	22.0
C	8.1	21.8
↓	8.0	21.9
U	8.0	21.9
So	8.2	21.7
Bm	8.44	21.68
T.P. 9.87	35.08	4.71	25.21
			25.26

	35.08		
10.08	44.90	0.76	34.82
4.71	46.19	3.41	41.48
9.11	53.55	1.75	44.44
Brn Lamont & Grant		0.79	52.76 / 57.81

POSTED

Cross Section of Chico St - Lamont to Shasta.
(70' wide)



POSTED

W.L. Lamont #1

9.49 34.75 = 25.26

5.	9.5	25.3
4	9.3	25.5
3	9.1	25.7
2	9.1	25.7
1	9.6	35.2
4	9.7	25.1
No	9.5	25.3

W.L. #2

No	8.7	26.1
4	8.7	26.1
3	8.7	26.1
2	8.7	26.1
1	8.9	25.9
4	9.3	25.5
5.	9.5	25.3

50' W of W.L. #2

5.	8.9	25.9
4	8.6	26.2
3	8.6	26.2
2	8.5	26.3
1	8.5	26.3
4	8.3	26.5
No	7.3	27.5

3.75

100 W Lamont-EL. Alloy

N.	6.8	28.0
C	7.1	27.7
E	7.4	27.4
C	7.3	27.5
E	7.4	27.4
W	7.6	27.2
S.	7.8	27.0

175 W. Alloy

S.	7.6	27.2
W	7.3	27.5
E	7.1	27.7
C	6.9	27.9
E	6.8	28.0
C	6.7	28.1
N.	6.4	28.4

165 W

N.	5.0	29.8
W	5.3	29.5
E	5.4	29.4
C	5.4	29.4
E	5.5	29.3
C	5.7	291
S.	6.1	28.7

215 W= EL. Sequoia (Fremont.)

S.	4.3	30.5
W	3.8	310
E	3.7	31.1
C	3.9	30.9
E	3.8	310
C	3.4	31.4
N.	3.1	31.7

34.73

E Cl. Sequoia

No	1.5	32.3
4	2.9	31.9
4	3.2	31.6
C	3.4	31.4
4	3.3	31.5
4	3.5	31.3
So	3.8	31.0

E 4

So	3.3	31.5
4	3.1	31.7
4	3.0	31.8
c	2.8	32.0
4	2.8	32.0
4	2.6	32.2
No	2.1	32.7

Ctr

N.	1.6	33.2
4	2.1	32.7
4	2.2	32.6
c	2.5	32.3
4	2.6	32.2
4	2.7	32.1
So	3.0	31.8

W 4

So	2.6	32.2
4	2.3	32.5
4	2.0	32.8
c	1.9	32.9
4	1.8	33.0
4	1.5	333
No	1.2	33.6

34.75

W Ch. Sequoia

No.			0.9	33.9
1			1.3	33.5
2			1.5	33.3
3			1.5	33.3
4			1.7	33.1
5			1.9	32.9
So			2.1	
TP	12.32	45.59	1.48	33.27 - Bm. S.F. Sequoia.

W. Line Sequoia

So			12.3	33.3
1			12.2	33.4
2			12.0	33.6
3			11.8	33.8
4			11.7	33.9
5			11.6	34.0
No			11.2	34.4

50 West

No			9.3	36.3
1			9.7	35.9
2			9.9	35.7
3			10.0	35.6
4			10.4	35.2
5			10.4	35.2
So			10.8	34.8

100 W = Alley

So			9.4	36.2
1			9.0	36.6
2			8.8	36.8
3			8.6	37.0
4			8.4	37.2
5			8.4	37.2
No			7.6	37.0

45.59

115 W Alley

No	7.6	38.0
ab	8.1	37.5
✓	7.9	37.7
c	8.2	37.4
✓	8.5	37.1
a	8.6	37.0
So	8.6	37.0

165 W

So	7.4	38.2
a	7.2	8.4
✓	7.1	38.5
c	6.9	38.7
✓	6.7	38.9
a	6.6	39.0
No	6.2	39.4

215 W. E. L. Pescadero

No	5.2	40.4
a	5.9	39.7
✓	5.8	39.8
c	6.0	39.6
✓	6.1	39.5
a	6.2	39.4
So	6.6	39.0

W. L. Pescadero.

So	5.3	40.3
a	5.0	40.6
✓	4.8	40.8
c	4.8	40.8
✓	4.4	41.2
a	4.2	41.4
No	3.9	41.7

45.59

50 West of Pescadero

N.		2.7	42.9
a		3.2	42.4
y.		3.4	42.2
c		3.6	42.0
y		3.7	41.9
a		3.8	41.8
S.		4.0	41.7

100 W. Alley

S.		2.8	42.8
a		2.3	43.3
y		2.3	43.3
c		1.9	43.7
y		1.6	44.0
a		1.6	44.0
N.		1.2	44.4

115 W-Alley

N.		0.6	45.0
a		1.1	44.5
y		1.1	44.5
c		1.5	44.1
y		1.7	43.9
a		1.6	44.0
S.		2.2	43.4
T.D.	8.00	51.50	2.09	43.50

165 W

S.		6.1	45.4
a		5.5	46.0
y		5.3	46.2
c		5.2	46.3
y		5.0	46.5
a		4.8	46.7
N.		4.5	47.0

5450

215 W. EL. Shasta.

N.		2.4	49.1
a	POSTED	3.0	48.5
4		3.1	484
c		3.3	48.2
4		2.4	48.1
W		3.8	47.7
So		4.3	47.2

309.03

10' So University Ave

m. center

White	3.6	305.4
	4.2	304.8
	4.8	304.2
C	6.1	302.9
	7.1	301.9
	7.8	301.2
Elm	8.6	300.4

X section Center St.

POSTED H.I 309.03

So. line University ave.

E line		3.6	305.4
		3.8	305.2
		3.9	305.1
C		4.1	304.9
		4.6	304.4
		4.4	304.6
W. line		4.4	304.6

see on Page 67 for extra section

75' So.

W line		3.1	305.9
		3.7	305.3
		4.3	304.7
C		5.9	303.1
		7.2	301.8
		7.7	301.3
E line		8.0	301.0

University ave. 643.9 So.

50' So.

E line		6.9	302.1
		6.2	302.8
		5.5	303.5
C		5.1	303.9
		4.0	305.0
		2.9	306.1
W line		3.1	305.9

75' So.

W line		2.2	306.8
		3.2	305.8
		3.8	305.2
C		3.7	305.3
		4.7	304.3
		5.9	303.1
E line		6.7	302.3

309.03

100' So.

Elm	6.5	302.5
	5.7	303.3
	4.5	304.5
C	3.5	305.5
	3.4	305.6
	3.1	305.9
C6 + 8'	2.6	306.4
White	1.4	307.6

125' So.

White	1.8	307.2
2' E. prop.	2.6	306.4
	3.1	305.9
	3.4	305.6
C	3.2	305.8
	4.3	304.7
	5.6	303.4
Elm	6.5	302.5

309.03

150' So.

Elm	6.8	302.2
	5.6	303.4
	4.0	305.0
C	3.4	305.6
	3.4	305.6
	3.0	306.0
C6 + 8' W	2.7	306.3
White	1.5	307.5

175' So.

White	1.6	307.4
Pavp + 3'	2.9	306.1
	3.5	305.5
	3.7	305.3
C	3.6	305.4
	4.7	304.3
	5.7	303.3
Elm	6.9	302.1

309.03

200' So.

Elm

C

White

225' So.

White

C

Elm

309.03

200' So.

Elm	7.6	301.4
	6.4	302.6
	5.0	304.0
C	4.0	305.0
	4.1	304.9
	3.7	305.3
CB+6'	3.2	305.8
White	2.2	306.8

225' So.

White	2.8	306.2
	3.9	305.1
	4.3	304.7
C	4.4	304.6
	5.8	303.2
	7.4	301.6
Elm	8.4	300.6

POSTED

309.03

250' So.

Elvie	8.6	300.4
	7.4	301.6
	5.9	303.1
C	4.6	304.4
	4.3	304.7
	3.8	305.2
Wlvie	3.4	305.6

275' So.

Wlvie	3.3	305.7
	3.6	305.4
	4.0	305.0
C	4.6	304.4
	5.9	303.1
	7.2	301.8
Elvie	8.1	300.9

309.03

300' So.

Elvie	8.1	300.9
	6.3	302.7
	5.0	304.0
C	4.4	304.6

POSTED

	4.1	304.9
	4.0	305.0
wlvie	4.0	305.0

325' So.

wlvie	4.5	304.5
	4.5	304.5
	4.7	304.3
C	5.0	304.0
	5.7	303.3
	7.4	301.6
Elvie	8.2	300.8

309.03

350' So.

Eline	8.2	300.8	
	7.1	301.9	
	5.8	303.2	
c	5.6	303.4	
	5.2	303.8	
	5.0	304.0	
white	4.9	304.1	

375' So.

white	5.0	304.0	
	5.5	303.5	
	5.8	303.2	
c	6.1	302.9	
	6.9	302.1	
	7.9	301.1	
Eline	8.4	300.6	

309.03

400' So.

Eline	8.1	300.9	
	8.3	300.7	
	7.3	301.7	
c	6.5	302.5	
	6.4	302.6	
	6.0	303.0	
white	5.8	303.2	

425' So.

white	6.7	302.3	
	6.5	302.5	
	6.8	302.2	
c	6.8	302.2	
	7.4	301.6	
	8.7	300.3	
Eline	9.2	299.8	

	3090.03				3090.03		
	450' So.				500' So.		
Elvie		9.9	299.1	Elvie		10.0	299.0
		9.5	299.5			11.1	297.9
		8.4	300.6			10.1	298.9
C		7.6	301.4	C		9.4	299.6
		7.0	302.0			8.8	300.2
		6.4	302.6			7.9	301.1
White		6.6	302.4	White		7.2	301.8
	475' So.				525' So.		
White		7.3	301.7	White		8.5	300.5
		7.7	301.3			8.7	300.3
		8.3	300.7			9.6	299.4
C		8.8	300.2	C		10.0	299.0
		9.3	299.7			10.9	298.1
		10.0	299.0			12.0	297.0
Elvie		9.8	299.2	Elvie		12.0	297.0

POSTED

309.03

550' So.

Eline	12.9	296.1	
	13.0	296.0	
	12.0	297.0	
c	11.6	297.4	
	11.0	298.0	
	9.6	299.4	
wline	8.7	300.3	

575' So

wline	9.7	299.3	
	10.6	298.4	
	11.9	297.1	
c	12.9	296.1	
	13.5	295.5	
	14.3	294.7	
Eline	14.0	295.0	

309.03

600' So.

Eline	15.4	293.6	
	15.5	293.5	
	15.0	294.0	
c	13.9	295.1	
	13.0	296.0	
	11.4	297.6	
wline	9.8	299.2	

625' So

	N.E.			
T.P.	2.12	301.27	9.88	299.15
wline			2.3	299.0
			3.6	297.7
			5.7	295.6
c			7.2	294.1
			8.9	292.4
			9.4	291.9
Eline			10.2	291.1

301,27

643.9' So.

E line	12.2	289.1
	11.0	290.3
	9.6	291.7
C	6.9	294.4
	5.3	296.0
	3.7	297.6
W line	2.3	299.0

POSTED

7/4/08 Hatch Williams Emery

Cut Stakes for Grading Blk for School Board – 12-13-EF

Datum = 104.5

96.5
13
108-6"
100
8-6"
12
8.6

SW Cor Bldg. 536	105.36		100 -	+ 4.5	
NW "		2.36	10.3.0	+1.5 – 109.5	
NE "		3.02	102.34 (10')	- 1.4	
SE "		4.28	100.98 (10')	0.0	
Cb. on 13" on Sh. Bldg.		6.04	99.32		
Cb. " " " NE "		2.47	102.89		
Cb. " E " WL "		1.40	103.96		
NW Cor Bldg (Return)		1.18	104.18		
Cb on 13" on Sh. Bldg.		9.10	96.26		
Cb. " F " EL "		8.90	96.46	grade	
NW of S wing		1.6	100.76	105.55	+ 4.8
NE " "		4.3	101.06	106.5	+ 5.5
SW of N wing		3.26	102.10	105.55	+ 3.5
SE " " "		3.36	102.0	106.5	+ 4.5
NE Jog.		1.90	103.46	101.8	- 1.7
NW "		2.3	103.06	104	F 1.0
SE "		5.1	100.26	101.8	+ 1.5
SW "		5.5	99.86	104	F 4.2

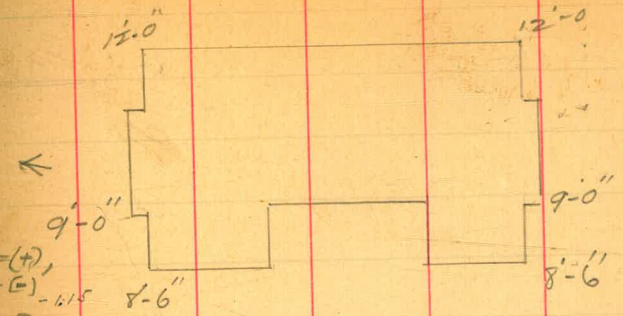
2/7/08 Hatch William Emery

POSTED

				70.85	City Datum	
Floor Level		Elev.		110.5	(Datum = SW Cor Hub	
BM 12th-D. NE, SW Base Iron Post	1.31	73.717		72.407		
BM 12-E NE		7' Tack	7.11	66.607		
	0.69	67.30		66.607	Grade	Cut = (+), Fill = (-)
NW Cor			3.90	63.40	~~62.35~~ 64.55	~~+1.05~~ -1.15
SW Cor N Wing			4.85	62.45	63.52	-1.07
SE " " "			5.00	62.30	64.35	-2.05
NE " S "			5.95	61.35	64.35	-3.00
NW " "			6.20	61.10	63.52	-2.42
SW Cor.			6.95	60.35	62.35	-2.00
W Cor S Jog.			7.05	60.25	61.85	-1.60
E " " "			6.85	60.45	59.65	+0.8
SE Cor.			6.70	60.60	58.85	+1.75
NE Cor			4.63	62.67	~~58.85~~ 61.05	~~+3.82~~ +1.6
E Cor N Jog			3.70	63.60	59.65	+3.95
W " " "			3.85	63.45	61.85	+1.60

Stake set 1.0' above grade

Stake set 0.5' above grade



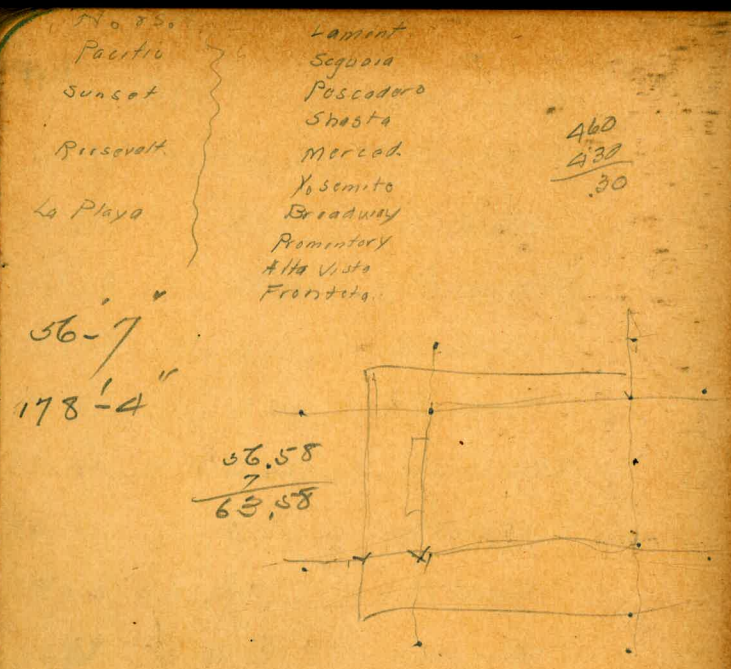
POSTED

67.30 ft

Ab. 12"	NL.	4.14	63.16
" E "	WL.	3.00	64.30
" " "	EL.	6.50	60.80
" 13" "	NL.	8.87	58.43
" " "	SL.	10.68	56.62
" F "	EL.	10.48	56.82
" " "	WL.	8.92	58.38
" 12 "	SL.	7.60	59.70

BM's on Sunset Ave.

25.37	Hub	N.E Cor	Frontero
40.69	"	N.W "	Alta Vista
44.29	"	N.W "	Promontory
46.57	"	S.W "	Broadway
38.47	"	S.W "	Yosemite
36.74	"	S.W "	Merced
40.86	"	S.E "	Shasta
29.26	"	S.W "	Fremont
21.93	"	S.W "	Lamont



DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

For Single Track Embankment.

Roadway 14 feet wide. Side Slopes 1½ to 1.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	27
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

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