

LEVEL BOOK

400

F.B. 299

399

H. S. CROCKER COMPANY

DRAWING MATERIALS AND
SURVEYING INSTRUMENTS

299

SAN FRANCISCO

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.

72.78 Am. ...
6.01
73.19

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

MICROFILMED
DEC 1964

Cross Section of Garnet Ave. ^{same}
 E. L. Lamont ^{more} _{Geology}

0.79 73.57

72.78 72.74 NW Lamont.

100' E

No	4.4	69.2
U	{ 5.9 5.3	68.7 68.3
4	5.8	67.8
C	6.2	67.4
L	7.2	66.4
U	{ 8.0 7.6	65.6 66.0
50	7.5	66.1

POSTED

TP 4.25 71.17 66.5 66.9

50' E

50	5.9	65.3
U	5.2	66.0
4	4.8	66.4
c	3.7	67.5
4	3.9	67.3
Ch	3.7	67.5
No	2.8	68.4

NW Lamont.

No	3.3	67.9
U	3.9	67.8
4	4.0	67.2
U	3.8	67.4
4	5.0	66.2
U	5.2	65.8
50	6.0	65.2

100' E

50	5.5	65.7
U	5.1	66.1
4	4.5	66.7
U	3.7	67.5
4	3.8	67.4
U	3.7	67.5
No	3.0	68.2

7117

200 E of Lamont.

N.	1.8	69.4
u	2.5	68.7
4	3.4	67.8
c	3.5	67.7
4	4.0	67.2
u	3.6	67.6
So	3.5	67.7

250 E

So	3.5	67.7
u	3.4	67.8
4	3.3	67.9
c	2.9	68.3
4	{2.1 2.3	68.3 68.9
u	1.8	69.4
N.	1.3	69.9

200 E

2

N.	4.0	67.9	70.3
u	3.9	69.4	69.4
4	3.8	{2.3 2.7	68.9 68.5
c	3.2	68.1	68.0
4	3.7	67.5	67.5
u	3.5	67.7	67.7
So	2.0	67.2	67.2

350 E

So	3.9	67.3
u	3.6	67.6
4	3.0	68.2
c	3.0	68.2
4	2.4	68.8
u	1.3	69.9
N.	0.6	70.6

2117

400 E of Lament.

No	1.0	70.2
U	1.9	69.3
4	3.0	68.2
C	3.5	67.7
4	3.9	67.3
U	4.0	67.2
S.	4.7	66.5

450 E

S.	5.1	66.1
U	4.9	66.3
4	4.8	66.4
C	4.5	66.7
4	3.7	67.5
U	2.9	68.3
No	2.6	68.6

Garnet Ave

570 E - W.L. Morell

3

No	3.2	68.0
U	3.5	67.7
4	3.4	67.6
U	4.9	66.3
C	5.0	66.7
4	5.3	65.9
U	5.6	65.6
S.	5.4	65.8

POSTED

T.P. 3.36 70.4 4.12 67.05

Bm. hp. Base Board of fine SW. Morell

M. Ch.

S.	5.3	65.1
U	5.4	65.0
4	4.8	65.6
C	4.5	65.9
4	{ 3.8	66.6
	{ 4.2	66.0
U	{ 3.5	66.9
	{ 4.1	66.3
No	{ 2.8	67.6
	{ 3.7	66.7

70.41

N 4 Merrell

N.	3.2	67.2
U	3.9	66.5
4	4.4	66.0
C	4.7	65.7
4	5.0	65.4
U	5.5	64.9
S.	5.7	64.7

CTR

S.	5.7	64.7
U	5.5	64.9
4	5.1	65.3
C	5.0	65.4
4	4.6	65.8
U	3.8	66.6
N.	3.0	67.4

E 4

N.	3.4	67.0
U	4.2	66.2
4	4.8	65.6
C	5.2	65.2
4	5.2	65.2
U	5.6	65.8
S.	5.9	64.5

E. C.

S.	{ 5.9	64.5
	{ 5.3	65.1
U	5.8	64.6
4	5.4	65.0
C	5.4	65.0
4	5.3	65.1
	{ 4.9	65.7
	{ 3.8	66.6
U		66.2
N.	{ 4.2	66.2
	{ 3.5	66.9

2051

E. Line March 1

N ₁	5.2	65.0
U	4.3	66.1
4	5.5	64.9
C	5.8	64.5
4	5.8	64.6
U	5.7	64.5
S ₁	5.5	64.9

30 E

S ₁	6.6	63.8
U	7.9	62.5
4	8.1	62.3
C	8.1	62.3
4	9.0	61.4
U	8.8	61.5
N ₀	9.6	60.8

Garnet Ave

75 E

5

N ₀	11.7	58.7
U	11.4	59.0
4	11.0	59.4
C	9.0	61.4
4	8.8	61.6
U	9.1	61.4
S ₁	9.2	61.2

90 E

S ₀	10.7	59.7
U ^{50 W}	10.5	59.9
U	9.4	61.0
U	9.2	61.2
C	9.6	60.8
4	12.0	58.4
U	12.3	58.1
N ₀	12.4	58.2

100' E of Mare 11

N.	12.0	58.4
U.	14.4	58.0
4	11.9	58.5
c	9.8	60.6
4	9.4	61.0
U	9.6	60.8
6' S. Cr.	11.8	58.6
S.	11.4	59.0

125' E

S.	13.3	57.1
5' S. Cr.	12.7	57.7
U	10.5	59.9
4	9.8	60.6
U	10.2	60.2
5' N. Cr.	10.4	60.0
4	12.7	57.7
U	12.4	58.0
N.	11.1	59.3

157' E

N.	10.3	60.1
U	11.4	59.0
4	12.0	58.4
1/5' N. Cr.	10.6	59.8
c	10.7	59.7
4	10.8	59.6
U	10.8	59.6
5' S. Cr.	12.8	57.6
S.	13.3	57.1

200' E

S.	13.0	57.4
5' S. Cr.	12.2	58.2
U	11.4	59.0
4	11.2	59.2
U	11.1	59.3
4	11.0	59.4
U	10.5	59.9
N.	10.0	60.4

70.41

250 E of Merrill

N.	9.0	61.4
u	9.8	60.6
+	10.4	60.0
U	10.6	59.8
+	10.6	59.8
u	11.0	59.4
S.	12.5	57.9

300 E

S.	11.1	59.3
u	9.8	60.6
+	9.5	60.9
c	9.2	61.2
+	7.9	62.5
u	7.3	63.1
N.	6.6	63.8

Garnet Ave

350 E

7

N.	6.2	65.2
u	6.2	64.7
+	6.7	63.7
U	7.8	62.6
+	8.1	62.3
u	8.5	61.9
S.	8.9	61.5

400 E

S.	8.0	62.4
u	7.8	62.6
+	7.5	62.9
U	7.4	63.0
+	6.8	63.6
u	6.0	64.4
N.	5.2	65.2

70.41

450 E of Merrill

No	5.1	65.3
u	5.8	64.6
4	6.8	63.6
C	7.3	63.1
4	7.4	63.0
u	7.5	62.9
So	7.5	62.9

500 E = W.L. Noyes.

So	7.5	62.9
u	7.4	63.0
4	7.2	63.2
C	7.1	63.3
4	6.2	64.2
u	6.8	64.6
No	5.1	65.3

T.P 2.19 64.92 7.68 62.75

Bm. PPK in Pde 2 W. Noyes 1.55 63.37

W. Ch

8

No	0.8	64.1
u	1.1	63.8
4	1.4	63.5
C	1.8	63.1
4	1.8	63.1
u	2.1	62.8
So	2.0	62.9

W 44

So	2.3	62.6
u	2.0	62.9
4	2.0	62.9
C	2.0	62.9
4	1.7	63.2
u	1.2	63.7
No	1.0	63.9

64.92
Ctr. Noyes

No.	1.1	63.8
U	1.5	63.5
4	1.9	63.0
C	2.3	62.6
4	1.9	63.0
U	2.0	62.9
So	2.4	62.5

E. 4

So	2.6	62.3
U	2.4	62.5
4	2.5	62.4
C	2.6	62.3
4	2.6	62.3
U	2.4	62.5
No	2.7	62.2

Garnet Ave
E. Ct.

9

No.	3.6	61.3
U	3.6	61.3
4	3.4	61.5
C	3.2	61.5
4	3.5	61.4
U	3.4	61.5
So	3.2	61.7

E. 1100

So	6.1	58.8
U	7.5	57.4
4	7.1	57.8
3' 5" Ctr	4.5	60.4
C	4.6	60.3
4	5.9	59.0
U	6.5	58.4
No	6.3	58.5

64.95

50 E of Noyes

N ₀	7.5	57.5
u	7.6	57.3
4	7.9	57.0
0	8.0	56.9
4	8.7	56.2
u	9.1	55.8
S ₀	9.5	55.4

100 E

S ₀	9.9	55.0
u	9.6	55.3
4	9.2	55.7
0	8.8	56.1
4	8.6	56.1
u	8.0	56.9
N ₀	8.1	56.8

100 E

10

N ₀	9.8	55.1
u	9.6	55.3
4	9.8	55.1
0	10.0	54.9
4	10.3	54.6
u	10.3	54.6
S ₀	10.7	54.2

200 E

S ₀	12.3	52.6
u	12.2	52.7
4	12.2	52.7
0	11.9	53.0
4	11.5	53.4
u	11.8	53.1
N ₀	12.0	52.9

 TP. 2.03 54.14 12.81 52.11

54.4

350 E of Noyes

No	2.5	51.6
u	2.8	51.3
4	2.7	51.4
c	3.1	51.0
4	3.4	50.7
u	3.0	51.1
so	3.2	50.9

300 E

so	4.7	49.4
u	4.6	49.5
4	4.5	49.6
o	4.5	49.6
4	4.2	49.9
u	3.9	50.2
No	3.5	50.6

Garnet Ave.

350 E

11

No	3.9	50.2
u	4.8	49.3
4	4.8	49.3
c	5.2	48.9
4	5.4	48.7
u	5.5	48.6
so	5.8	48.3

400 E

so	7.0	47.1
u	6.5	47.6
4	6.5	47.6
o	6.0	47.1
4	5.6	48.5
u	5.4	48.7
No	5.1	49.0

54.14

450 E of Noyes

N.	6.1	48.0
a	6.5	47.6
4	6.9	47.2
0	7.5	46.6
4	7.5	46.6
u	7.2	46.7
So	7.4	46.7

500 E - W.L. Olney

So	9.3	44.8
0	8.1	46.0
4	8.2	45.9
0	8.0	46.1
4	8.5	45.6
u	8.1	46.0
N.	7.7	46.6

W. Ch.

12

N.	8.3	45.8
u	8.8	45.3
4	8.9	45.2
0	8.8	45.3
4	8.8	45.3
u	8.9	45.2
S	9.6	44.5

W. Ch.

So	9.7	44.4
u	9.1	45.0
4	9.1	45.0
0	9.2	44.9
u	9.3	44.8
u	9.1	45.0
N.	8.7	45.4

Ctr. Olney

No.	9.5	44.8
u	9.5	44.6
4	9.6	44.5
6	9.7	44.4
4	9.6	44.5
u	9.6	44.5
So	9.9	44.2

E 4

So	10.2	43.9
u	9.9	44.2
4	9.7	44.4
c	9.9	44.2
4	9.8	44.3
u	9.8	44.3
No.	9.7	44.4

Garnet Ave

E Cl.

No.	10.4	43.7
u	10.1	44.0
4	10.1	44.0
c	10.4	43.7
4	10.2	43.9
u	10.3	43.8
So	10.5	43.6

E line

So	11.3	42.8
u	11.0	43.1
4	11.1	43.0
c	11.0	43.1
4	11.0	43.1
u	10.9	44.0
No.	11.1	43.0

4P. 290 46.05 10.99 43.15

Not N. E. Cl.
Olney

46.05

50' E of Olney

No.	4.1	42.0
u	4.2	41.9
4	4.3	41.8
c	4.4	41.7
4	4.5	41.6
u	4.6	41.5
50	4.9	41.2

100' E

50	6.0	40.1
u	5.8	40.6
4	5.3	40.8
c	5.2	40.9
4	5.0	41.1
u	6.0	41.1
No.	4.8	41.3

14

150' E

No.	J.P	41.3
u	5.4	40.7
4	5.5	40.6
c	5.6	40.5
4	5.8	40.3
u	6.2	39.9
50	6.4	39.7

200' E

50	6.4	39.7
u	5.8	40.3
4	5.7	40.4
c	5.6	40.5
4	5.4	40.7
u	5.4	40.7
No.	4.6	41.5

26.05

250' E of Olney

No	2.6	43.5
u	2.6	42.5
4	3.8	42.3
0	4.0	42.1
4	4.2	41.9
u	4.4	41.7
50	4.8	41.3

300' E

50	4.9	41.2
u	4.2	41.9
4	4.0	42.1
0	3.7	42.4
4	3.4	42.7
u	3.1	43.0
No	2.6	43.5

Garnet Avg.

350' E

15

No	3.2	42.9
u	3.9	42.2
4	4.3	41.8
0	4.8	41.3
4	5.2	40.9
u	5.5	40.6
50	6.3	39.8

400' E

50	8.9	37.2
u	7.7	38.4
4	7.0	39.1
0	6.2	39.9
4	5.6	40.5
u	5.1	41.0
No	4.3	41.8

4.6.05

450 E

No	5.1	41.0
U	6.0	40.1
4	6.7	39.4
C	7.5	38.6
4	8.5	37.6
U	9.4	36.7
S ₀	11.3	34.8

1.12

11.14

45.12

12.07

33.98

SW Head 12.10

500 E

W.L. Pendel An.

S ₀	11.1	34.0
U	9.3	35.8
4	9.7	36.4
U	9.4	36.7
4	8.1	37.0
U	8.0	37.1
No	7.5	37.6

W.C.

No	9.4	36.7
U	9.3	35.8
4	9.7	35.4
C	10.2	34.9
4	10.6	34.5
U	10.9	34.2
S ₀	12.1	33.0

W.C.

S ₀	12.7	32.4
U	11.6	33.5
4	11.0	34.1
C	10.5	34.6
4	10.1	35.0
U	9.5	35.6
No	8.5	36.6

16

45.12

Chr. Pendelton.

N ₂	8.2	36.9
U	9.2	35.9
4	9.7	36.4
C	10.0	35.1
U	10.6	34.5
U	11.2	33.9
S ₀	12.3	32.8

E 4

S ₂	11.6	33.5
U	10.5	34.6
4	10.0	35.1
C	9.4	35.7
4	8.9	36.2
U	8.4	36.7
N ₂	7.5	37.6

Garnet Ave.

E Cl.

17

N ₂	6.8	38.3
U	7.7	37.4
4	8.2	36.8
C	8.7	36.4
4	9.4	35.7
U	9.8	35.3
S ₀	10.9	34.2

POSTED

Eline Pendelton.

S ₂	9.2	35.9
U	8.7	36.9
4	7.7	37.4
C	7.2	37.9
4	6.7	38.4
U	6.4	38.7
N ₂	5.5	39.6

Cross-Section of Lamont St
 from Mission View Blvd to Pacific Ave
 Lewis Moore Emery ²³/₈₃

5.78 28.00 27.27
 N.L. Mission View Blvd = 271' So of Roosevelt on West 260' So on East

W	9.2	18.8
cl	{ 9.5 10.2	{ 18.5 17.8
4	10.1	17.9
C	9.8	18.2
4	9.7	18.3
cl	10.1	17.9
E	10.3	17.7

POSTED

200' So of Roosevelt.

E	10.7	17.3
cl	9.5	18.5
4	9.3	18.7
C	9.3	18.7
4	10.0	18.0
3' B cl	{ 9.2 9.2	{ 17.7 18.6
W	8.6	19.4

200' So

W	8.5	19.5
cl	8.5	19.5
2' E cl	{ 8.5 9.2	{ 19.5 18.8
4	9.4	18.6
C	8.7	19.3
4	8.7	19.3
cl	9.1	18.9
E	9.4	18.6

150' So

E	8.8	19.2
cl	8.2	19.8
4	8.0	20.0
C	7.8	20.2
4	8.6	19.4
3' B cl	{ 8.8 8.8	{ 19.0 20.0
cl	7.9	20.1
W	7.5	20.5

100 S. of Roosevelt

W	6.9	21.1
cl	7.1	20.9
3 E cl	{ 7.8	20.9
4	7.7	20.2
		20.3
C	7.3	20.7
4	7.3	20.7
cl	7.5	20.5
E	8.1	19.9

50 S.

E	7.5	20.5
cl	7.0	21.0
W	6.7	21.3
C	6.9	21.1
W	7.2	20.8
4 E cl	{ 7.5	20.8
cl	6.5	21.5
W	6.3	21.7

S. L. Roosevelt

W	5.8	22.2
cl	{ 6.1	21.9
	{ 5.2	20.8
W	6.9	21.1
W	6.4	21.6
4	6.5	21.7
cl	6.6	21.4
E	7.4	20.6

50 cl.

E	6.7	21.3
cl	6.1	21.9
W	5.7	22.1
C	6.3	21.7
4	6.6	21.4
7 E cl	{ 6.9	21.0
cl	5.9	21.9
W	5.6	22.4

So 4 Preserve

W	5.5	22.5
U	5.7	22.1
VEU	5.9	22.1
U	6.3	21.1
U	6.5	21.5
C	6.1	21.9
4	5.9	22.1
U	6.0	22.0
E	6.8	21.2

CH

E	6.5	21.5
U	6.0	22.0
4	5.9	22.1
C	6.1	21.9
4	6.4	21.6
3' E U	6.7	21.3
U	6.5	22.3
U	5.6	22.4
W	5.4	22.6

No 4

W	5.4	22.6
U	5.6	22.4
VEU	5.7	22.3
U	6.3	21.3
U	6.2	21.8
C	5.9	22.1
U	5.9	22.1
U	6.0	22.0
E	6.9	21.1

N. C.

E	6.7	21.3
U	5.9	22.1
4	5.7	22.3
C	5.7	22.1
4	6.2	21.8
3' E U	6.5	21.5
U	6.8	22.3
U	5.4	22.6
W	5.3	22.7

28.00

N.L. Roosevelt

W	5.3	22.7
U	5.3	22.7
3 ECU	{5.3	22.7
✓	6.1	21.6
		21.9
C	5.4	22.6
4	5.6	22.4
U	5.7	22.3
E	6.5	21.5

30 No

E	6.1	21.9
U	6.3	22.7
4	5.3	22.7
C	6.5	22.5
	5.8	22.2
4 3 ECU	{5.3	21.7
U	5.2	22.7
		22.8
W	4.7	23.3

21

10.0 No

W	4.8	23.2
U	5.1	22.9
3 ECU	{5.2	22.9
✓	5.5	21.8
		22.5
C	5.2	22.8
4	5.1	22.9
U	5.4	22.6
E	5.7	22.3

15.0 No

E	5.4	22.6
U	5.1	22.9
4	5.2	22.8
C	5.2	22.8
4	5.5	22.5
3 ECU	{5.4	21.6
U	5.1	22.9
		22.9
W	5.2	22.8

T.P.	3.26	26.51	4.75	23.25
------	------	-------	------	-------

26.5 /
200 No of Roosevelt

W	4.1	22.4
U	4.0	22.5
U.E.U.	{ 4.0	22.5
4	{ 4.2	21.3
	4.5	22.0
C	3.8	22.7
4	3.6	22.9
U	3.8	22.7
E	4.1	22.4

250 No

E	4.6	21.9
U	4.2	22.3
4	4.1	22.4
C	4.3	22.2
4	4.9	21.6
3.E.U.	{ 5.5	20.9
U	4.4	22.1
W	4.6	21.9

300 No 22

W	5.8	20.7
U	5.3	21.2
U.E.U.	{ 5.0	21.1
4	5.9	20.5
		20.6
C	5.4	21.1
4	5.0	21.5
U	4.9	21.6
E	4.9	21.6

350 No

E	6.2	20.3
U	6.2	20.9
4	5.2	20.9
C	6.0	20.5
U	6.5	20.0
U.E.U.	{ 6.8	19.7
U	6.0	20.6
		20.5
W	6.2	20.3

26.51

400' No. at Roosevelt

W	6.4	20.1
U	6.7	19.8
4	{ 6.7	{ 19.8
	{ 7.2	{ 19.6
	{ 7.4	{ 19.1
C	6.8	19.7
4	6.3	20.2
U	6.6	19.9
E	7.2	19.3

450' No.

E	7.9	18.6
U	7.1	19.4
4	6.9	19.6
C	7.5	19.0
4	{ 7.8	{ 18.7
	{ 6.9	{ 18.8
	{ 6.8	{ 19.7
3 E U		
U		
W	6.3	20.2

570' No

23

W	6.3	20.2
U	7.2	19.3
3 E U	{ 7.3	{ 19.2
	{ 7.1	{ 19.4
U	7.9	18.6
C		
U	7.7	18.8
+		
U	7.0	19.5
U	7.0	19.5
E	8.1	18.4

550' No

E	7.5	19.0
U	6.9	19.6
4	6.9	19.6
C	7.1	19.4
4	7.7	18.8
3 E U	{ 7.0	{ 18.8
	{ 7.0	{ 19.5
U	7.0	19.5
W	5.1	21.4

26.51

600 No. 54. Sunset.

W	4.8	21.7
U	6.0	20.5
S.E. C.	{ 5.5	{ 20.0
U	6.5	20.8
U	6.5	20.0
U	6.5	20.0
U	6.3	20.2
U	7.1	19.4
S. C.		
U	7.1	19.4
U	6.1	20.4
U	6.0	20.5
U	6.2	20.3
U	6.4	20.1
U	5.9	20.6
W	4.7	21.8

24

S. 4

W	4.6	21.9
U	5.7	20.8
S.E. C.	{ 5.5	{ 20.7
U	6.2	20.3
U	6.1	20.4
U	5.8	20.7
U	6.1	20.4
U	6.9	19.6
C.H.		
U	6.7	19.8
U	5.6	20.9
U	5.7	20.8
U	5.7	20.8
U	6.2	20.3
S.E. C.	{ 6.6	{ 19.9
U	5.3	21.2
W	4.6	21.9

26.51

No 4 Sunset.

W	4.5	22.0
U	5.3	21.2
S.E. U.	{5.6	{21.1
U	5.9	20.6
C	5.6	20.9
4	5.4	21.1
U	5.2	21.1
E	6.5	20.0
N. U.		
E	6.0	20.5
U	5.1	21.4
4	5.2	21.3
C	5.4	21.1
4	6.1	20.4
S.E. U.	{6.3	{20.2
U	{5.3	{21.2
	5.1	21.4
W	4.4	22.1

No line.

25

W	5.0	22.5
U	5.0	21.5
S.E. U.	{5.6	{21.4
U	5.7	20.8
C	4.9	21.6
4	4.8	21.7
U	4.7	21.8
E	5.8	20.7
S. U.		
E	5.4	21.1
U	4.4	22.1
4	4.3	22.2
C	4.4	22.1
4	4.8	21.7
S.E. U.	{4.8	{21.6
U	3.9	22.6
W	3.1	23.4

26.5'

100 No of Sunset

VI	2.2	24.3
U	2.9	23.6
3' E U	{ 3.0	{ 23.5
U	4.0	22.5
C	3.7	22.8
4	3.4	23.1
U	3.8	22.7
E	4.8	21.7

150 No

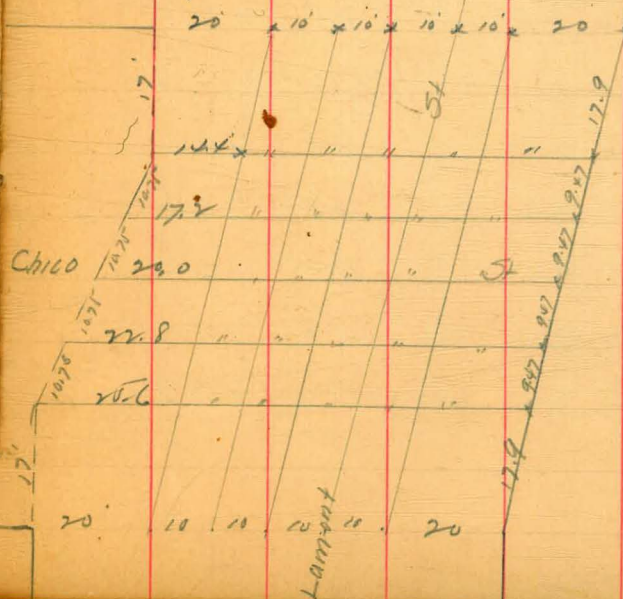
E	4.3	22.2
U	3.0	23.5
4	3.1	23.4
L	3.4	23.1
4	3.7	22.8
3' E U	{ 3.8	{ 22.7
U	2.7	23.8
W	1.9	24.6

26

200 No SL Chico

W	1.2	25.3
U	1.8	24.7
3' E U	{ 1.8	{ 24.7
U	2.9	23.6
C	2.8	23.7
4	2.5	24.1
U	2.5	24.0
E	3.6	22.9

Intersection at Lamont 90) Chico.



9.51 34.77
50 Cl. Chico.

N.W.

E	11.7	23.1
Cl	10.8	24.0
4	10.5	24.3
c	10.5	24.3
+	10.8	24.0
u	{ 10.7 10.7	{ 24.1 24.7
W	9.3	25.5
	So. 4	
W	9.1	25.7
u	{ 10.5 10.9	{ 24.6 23.9
4	10.7	24.1
c	10.3	24.5
+	10.4	24.4
u	10.8	24.0
W	11.6	23.2

Chr.

27

E	11.1	23.7
Cl	10.9	23.9
4	10.3	24.5
c	10.3	24.5
+	10.6	24.2
u	10.6	24.2
W	9.1	25.7
	No. 4	
W	9.6	25.2
u	10.8	24.0
4	10.4	24.4
c	10.2	24.6
+	10.1	24.7
u	10.8	24.0
W	10.5	24.3

POSTED

Mt. Ch. Chico.

E	10.1	24.7
u	10.6	24.2
4	10.0	24.8
C	10.0	24.8
4	10.3	24.5
u	10.9	23.9
W	9.8	25.0

No. line

W	9.5	25.3
u	{ 9.2 10.6	{ 24.6 24.2
4	9.9	24.9
C	9.5	25.3
4	9.9	24.9
u	{ 9.5 9.9	{ 24.3 24.9
E	10.3	24.5

50 No. of Chico.

E	9.1	25.7
u	{ 8.9 9.1	{ 25.9 25.0
4	8.7	26.1
C	8.7	26.1
4	9.4	25.4
u	{ 9.0 9.3	{ 24.8 25.5
W	8.7	26.1

100 No.

W	7.6	27.2
u	{ 8.2 8.7	{ 26.6 26.1
4	8.6	26.2
C	8.1	26.7
4	1.3	26.5
u	{ 9.3 9.6	{ 25.5 26.2
E	8.9	25.9

3477

153 No of Ohio

E	7.6	27.2
U	{7.4 8.1	{27.4 26.7
4	6.9	27.9
C	6.7	28.1
4	7.2	27.6
U	{7.4 7.5	{27.4 28.1
N	6.4	28.4

200 No

N	4.9	29.9
U	{5.3 5.8	{29.5 29.0
4	5.6	29.2
C	6.0	29.8
4	5.5	29.3
U	{6.8 6.0	{28.0 28.8
E	5.7	29.1

251 No

29

E	4.5	30.3
U	{4.5 5.1	{30.3 29.7
4	3.8	31.0
C	3.5	31.3
4	4.2	30.6
U	{4.4 3.8	{30.4 31.0
N	3.4	31.4

301 No

N	4.4	32.4
U	{4.4 3.5	{32.4 31.5
U	3.1	31.7
C	2.3	32.5
4	2.7	32.1
U	{3.7 3.0	{31.1 31.8
E	3.0	31.8

330 No. 5. L. Pacific #1.

E	2.2	32.6
U	{ 2.2 3.0	{ 32.6 31.8
4	1.7	33.1
C	1.6	33.2
4	2.4	32.4
U	2.2	32.6
W	1.6	33.2

330 No. 5. West 2345. L. on E. 5. L. #2

W	1.6	33.2
U	2.2	32.6
4	2.1	32.7
C	1.3	33.5
4	1.0	33.4
U	2.3	32.5
E	1.8	33.0

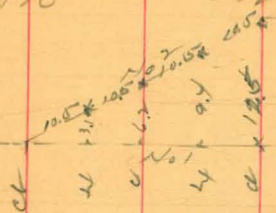
30

Pacific

Ave

3425 No.

330 No.



Lamant

Cross-Section of Lament of Emerald to Spring
 Dan Moore Entry 3/4
 11

POSTED

2.31 85.9

12.14 96.97 0.26 84.83

11.11 107.43 0.65 96.32

No line Emerald

W 4.1 103.3

U 4.1 103.3

S E U 5.8 101.6

U 5.6 101.8

O 5.8 101.6

U 6.4 101.0

U 6.8 100.6

E 6.5 100.9

50 No

E 6.5 100.9

U 6.6 100.8

U 6.1 101.3

O 5.9 101.5

U 5.9 101.5

U 5.8 101.6

{5.8
5.1} 102.3

W 4.7 102.7

Lament of Emerald
 2271 1211

W

4.9 102.5

U

{5.3
5.3} 102.5
102.1

U

5.5 101.9

POSTED

U

5.6 101.8

U

5.8 101.6

U

5.9 101.5

E

6.0 101.4

125 No 11104

U

6.1 101.3

U

5.6 101.8

U

5.2 101.8

U

5.2 102.2

U

5.3 102.1

U

{5.3
4.8} 102.1
102.6

W

4.6 102.8

1872 Spk Post N, W Emerald

3.24

104.19

17143

145 N. Emerald Alley

W	4.2	103.2
		102.7
U	{ 4.3	102.3
	{ 5.1	
U	4.8	102.6
C	4.7	102.7
4	5.0	102.4
U	5.2	102.2
E	6.1	101.3

171 No

E	4.2	103.2
U	4.3	103.1
U	4.2	103.2
C	4.0	103.4
4	4.3	103.1
U	{ 4.6	102.8
	{ 3.7	103.7
W	3.9	103.5

270 No

32

W	2.7	104.7
U	{ 2.8	104.6
	{ 3.5	103.9
U	3.1	104.3
C	2.8	104.6
4	3.0	104.4
U	3.2	104.2
E	2.9	104.5

270 No = 5.1 Diamond

E	1.8	105.6
U	2.0	105.4
U	2.3	105.1
C	2.2	105.2
4	2.1	105.0
U	2.1	105.3
W	1.7	105.7

So. Co. Diamond

W		1.6	105.8
a		1.8	105.6
4		1.8	105.6
c		1.4	106.0
4		1.6	105.8
a		1.6	105.8
E		1.4	106.0

TP. 1240 11920 0.60 106.85 on salt in
top of S.E.
Diamond

S.W.

E		13.4	105.8
a		13.6	105.6
4		13.0	106.2
c		13.0	106.2
4		13.5	105.7
4		13.5	105.7
W		13.4	105.8

C.H.

W		12.7	106.5
a		12.8	106.4
4		12.9	106.3
c		13.1	106.1
4		12.8	106.4
a		13.0	106.2
E		12.9	106.3

N. 4

E		12.7	106.5
a		12.6	106.6
4		12.6	106.6
c		12.8	106.4
4		12.8	106.4
a		13.0	106.2
W		12.9	106.3

11923

No. of Diamond

W	123	106.9
U	127	106.5
4	128	106.4
C	126	106.6
4	126	106.6
a	124	106.8
E	122	107.0

No. line

E	115	107.7
U	116	107.6
4	120	107.2
e	120	107.2
4	121	107.1
a	118	107.4
W	122	107.8

50 No.

34

W	9.8	109.4
U	10.2	109.0
4	10.3	108.9
C	10.1	109.1
4	10.0	109.2
U	9.8	109.4
E	9.7	109.5

100 No.

E	7.9	111.3
U	7.7	111.5
4	7.9	111.3
e	7.5	111.7
4	7.8	111.4
U	7.5	111.7
W	7.2	112.0

11923

125 No of Diamant Alley

W	5.9	113.3
U	6.1	113.1
W	6.6	112.6
U	6.5	112.7
4	6.7	112.5
U	6.8	112.4
E	7.0	112.2

145 No Alley

E	6.2	112.9
U	6.1	113.1
4	5.9	113.3
U	5.7	113.5
4	5.7	113.5
U	5.4	113.8
W	5.8	114.4

35

170 No

W	4.1	115.1
U	4.8	114.4
4	5.0	114.2
U	5.0	114.2
U	5.1	114.1
U	5.0	114.2
E	5.1	114.1

220 No

E	3.0	116.2
U	2.9	116.3
4	2.6	116.6
U	2.3	116.9
U	2.6	116.6
U	2.4	116.8
W	2.2	117.0

270 No. 5. L Missouri

W			0.7	118.5
U			1.3	117.9
4			1.5	117.8
C			1.5	117.7
4			1.7	117.5
U			2.4	116.8
E			2.5	116.7
T.P.	1173	118.96	3.00	117.23
		So. Cr.		
E			12.2	116.8
Cr			11.9	117.1
4			11.3	117.7
C			11.2	117.8
4			11.1	117.9
U			11.0	118.0
W			10.4	118.6

So. W

W			10.3	118.7
U			11.1	117.9
4			10.9	118.1
C			11.2	117.8
4			11.5	117.5
U			11.7	117.3
E			12.3	116.7
		Cr		
E			12.2	116.8
U			11.6	117.4
4			11.3	117.7
C			10.8	118.2
4			10.8	118.2
U			10.7	118.3
W			10.4	118.6

No 4 Missouri

W	10.4	118.6
U	10.9	118.1
H	10.7	118.3
C	10.7	118.3
H	11.1	117.9
U	11.4	117.6
E	12.1	116.9

No 6

E	11.8	117.2
U	11.4	117.6
H	10.9	118.1
C	10.5	118.5
H	10.6	118.4
U	10.3	118.7
W	9.9	119.1

No 11

W	9.5	120.5
U	9.5	119.5
H	10.3	118.7
C	10.2	118.8
H	10.3	118.7
U	10.7	118.3
E	11.6	117.4

50 111

E	9.6	119.4
U	9.0	120.0
H	8.1	120.9
C	7.8	121.2
H	7.5	121.5
U	6.8	122.2
W	6.1	122.9

128.96

100 No of Missouri

W	6.3	122.7
U	6.4	122.6
4	6.7	122.3
0	7.3	121.7
4	8.0	121.0
U	8.3	120.7
E	8.6	120.4

125 No - Alley

E	8.1	120.9
U	7.8	121.2
4	7.3	121.7
U	7.0	122.0
4	6.3	122.7
U	6.1	122.9
W	6.3	122.7

145 No - Alley

38

W	5.8	123.2
U	5.7	123.3
4	6.0	123.0
0	6.6	122.4
4	6.9	122.1
U	7.3	121.7
E	7.6	121.4

POSTED

170 No

E	6.9	122.1
U	6.7	122.3
4	6.2	122.8
U	6.0	123.0
4	5.3	123.7
U	5.1	123.9
U	5.0	124.0

128.96

No. of Missouri

W	3.3	125.7
U	{ 3.4 4.1	{ 125.4 124.9
4	4.2	124.8
U	4.6	124.4
4	4.2	124.8
U	4.9	124.1
B	5.3	123.7

No. of S.L. Chalcedony

E	3.8	125.2
U	3.4	125.6
4	3.0	126.0
U	3.1	125.9
4	2.9	126.1
U	2.7	126.3
W	2.5	126.5

So. Co.

W	1.4	127.6
U	2.3	126.7
4	2.4	126.6
U	2.3	126.7
4	2.0	127.0
U	2.2	126.8
B	2.5	126.5

So. Co.

E	2.0	127.0
U	1.7	127.3
U	1.3	127.7
U	2.0	127.0
4	1.8	127.2
U	1.5	127.5
W	1.0	128.0

39

12896

Chr Chalcedony

W	0.5	128.5
U	0.8	128.2
U	1.3	127.7
U	1.6	127.4
U	1.0	128.0
U	0.8	128.2
E	1.6	127.4

TIP

1263

140.56

1.03

117.93

BIM Spic Polk
S.P. Chalcedony

No W

E	12.1	128.5
U	11.8	128.8
U	12.3	128.3
U	12.7	127.9
U	12.6	128.0
U	11.8	128.8
W	11.6	129.0

No. Cr.

W	11.0	129.6
U	10.8	129.8
U	12.3	128.3
U	12.3	128.3
U	11.7	128.9
U	11.2	129.4
E	11.8	128.8

No. 1110

E	11.2	129.4
U	10.5	130.1
U	10.9	129.7
U	10.9	129.7
U	11.0	129.6
U	10.4	130.2
W	9.6	131.0

40

140.56

50 No. of Collected

W	2.4	133.2
U	2.9	132.7
H	3.3	132.3
U	3.4	132.2
U	3.6	132.0
U	3.2	132.0
E	3.6	132.0

100 No

E	5.6	135.0
U	5.9	134.7
U	5.2	135.4
U	5.0	135.6
U	5.3	135.3
U	5.3	135.3
W	4.9	135.7

41

145 No. Alley

W	3.6	137.0
U	3.8	136.8
U	3.7	136.9
U	3.7	136.9
U	3.6	137.0
U	4.8	135.8
E	4.5	136.1

145 No. Alley

E	3.6	137.0
U	3.8	136.8
U	2.7	137.9
U	2.8	137.8
U	2.7	137.9
U	2.8	138.1
U	2.3	138.3

140.56

170 No Chalcedony

W	1.3	139.3
U	1.3	139.3
U	1.6	139.0
O	1.9	138.7
U	2.3	138.3
U	2.8	137.8
E	2.5	138.1

TP	1283	152.80	0.67	139.97
	220 No			

E	13.1	139.7
U	12.8	140.0
U	12.3	140.5
U	12.1	140.7
U	12.0	140.8
U	11.4	141.4
W	11.1	141.7

42

170 No S.L. LAW

W	9.5	143.5
U	{ 9.5	143.3
U	{ 10.3	142.5
U	10.5	142.3
U	10.1	142.7
U	11.0	141.8
U	11.1	141.7
E	11.0	141.8

So U.

E	10.4	142.4
U	10.4	142.4
U	10.0	142.8
U	9.8	143.0
U	9.6	143.2
U	{ 9.3	143.5
U	{ 8.0	144.4
W	8.7	144.6

15280

30' Low

W	7.9	144.9
U	{ 8.1	{ 144.7
	{ 9.0	{ 143.8
+	9.2	143.6
0	9.5	143.3
4	9.6	143.2
U	10.0	142.8
E	10.0	142.8

CH

E	9.5	143.8
U	9.2	143.6
4	9.3	143.5
0	9.0	143.8
4	8.6	144.2
U	{ 8.0	{ 144.4
	{ 7.1	{ 145.2
W	7.3	145.5

No 4

43

W	7.0	145.8
U	{ 8.3	{ 145.5
	{ 7.9	{ 144.9
4	8.3	144.5
0	8.2	144.2
4	9.0	143.8
U	9.0	143.8
E	9.0	143.8

N. C.

E	8.7	144.1
U	8.4	144.4
4	8.7	144.1
0	8.1	144.7
4	8.0	144.8
U	{ 7.5	{ 145.3
	{ 6.6	{ 146.2
W	6.6	146.2

15280

No line Law

W	0.6	147.2
	{ 3.7	{ 147.0
d	{ 6.7	{ 146.1
u	7.2	145.6
c	7.4	145.4
4	8.1	144.7
0	8.3	144.5
E	7.8	145.0

50 No

E	5.8	147.0
0	6.0	146.8
4	5.7	147.1
c	6.3	147.5
4	5.0	147.8
	{ 4.7	{ 148.1
0	{ 3.1	{ 149.2
W	2.9	149.9

100 No

44

W	0.4	152.4
0	1.3	151.5
4	2.2	150.6
c	2.6	150.2
4	2.9	149.9
0	3.0	149.8
E	3.0	149.8
T.P.	12.67	164.20
	1.22	15.108

100 No - All 4

E	13.1	151.2
0	13.0	151.3
W	12.7	151.6
c	12.6	151.7
4	12.5	151.8
0	11.5	152.8
W	10.3	154.0

16425
145 No. 1 LGW

W	9.4	154.9
U	10.7	153.6
U	11.3	153.0
C	11.3	153.0
U	11.7	152.6
U	11.7	152.6
E	12.1	152.2

170 No

E	10.7	153.6
U	10.2	154.1
U	10.3	154.0
U	10.0	154.3
U	10.1	154.2
U	9.1	155.2
W	9.2	156.1

220 No

45

W	5.3	159.0
U	6.3	158.0
U	6.6	157.7
U	6.7	157.6
U	7.0	157.3
U	6.8	157.5
E	6.8	157.5

BM top 100 Pgs 5 E 1301/1

2.05 → 162.20

270 No 5.6 Bery 1

E	2.6	161.7
U	2.1	162.2
U	2.1	162.2
U	2.1	162.2
U	2.2	162.1
U	4.1	162.2
W	7.0	162.3

500 Berry

W	0.3	164.0
U	0.9	163.4
4	0.4	163.9
C	0.5	163.8
4	0.8	163.5
U	1.1	163.2
E	1.2	163.1

T.P. 1286 176.19 092 163.33
 50 4

E	13.0	163.2
U	12.2	164.0
4	12.2	164.0
C	11.9	164.3
4	11.5	164.7
U	11.8	164.4
W	12.0	164.2

ctr

W	11.0	165.2
U	11.0	165.2
4	11.2	165.0
C	11.4	164.8
4	11.5	164.6
U	11.7	164.5
E	12.1	164.1

12.4

E	11.2	165.0
U	10.9	165.3
4	10.8	165.4
C	10.7	165.5
4	10.6	165.6
U	10.3	165.9
W	10.2	166.0

No. of Baryl

W	9.4	166.8
U	9.5	166.7
U	9.7	166.5
C	10.0	166.2
U	10.1	166.1
U	10.0	166.2
E	9.7	166.5

No. line

E	9.1	167.1
C	8.9	167.5
U	8.7	167.5
C	8.6	167.6
U	8.3	167.9
U	7.8	168.4
W	8.2	168.0

50.140

W	5.3	170.9
U	5.2	171.0
U	5.1	171.1 POSTED
C	5.3	170.9
U	5.2	171.0
U	5.1	171.1
E	5.5	170.7
TP	12.85	188.56 0.48 171
	10.0	170
E	13.5	175.1
U	13.0	175.6
U	12.9	175.7
U	13.0	175.6
U	12.6	176.0
U	12.1	176.5
W	11.6	177.0

188.56
175 No. d Beryl Alley

W	9.6	179.0
U	9.6	179.0
U	9.9	178.7
C	10.2	178.4
U	11.0	177.6
U	11.3	177.3
E	11.8	176.8

145 No. Alley

E	10.3	178.3
C	9.5	179.1
U	9.7	179.9
C	9.5	180.1
U	9.2	180.4
C	8.9	180.6
W	7.4	181.2

170 No

W	6.5	183.2
U	6.1	182.5
U	6.2	182.4
C	6.3	182.3
U	6.7	181.9
C	7.2	181.4
E	8.7	179.9

220 No

E	7.1	181.5
U	4.8	183.8
U	3.9	184.7
U	2.8	185.8
U	2.0	186.6
U	1.7	186.9
U	2.0	186.6

TP 11.00 199.49 0.07 188.19

199.49
No. of Beryl = S.L.W. / 1000

W	8.8	190.7
U	9.0	190.5
L	9.5	190.0
C	9.9	189.6
L	10.7	188.8
U	11.3	188.2
E	14.0	185.5

S. C.

E	12.1	187.4
U	10.0	189.5
L	9.1	190.4
C	1.5	191.0
L	8.1	191.4
U	7.5	192.0
W	7.4	192.1

S. L.

49

W	6.9	192.6
U	7.1	192.4
L	7.4	192.1
C	7.9	191.6
L	8.4	191.1
U	8.8	190.7
E	10.9	188.6

C. S.

E	9.8	189.7
U	7.9	191.6
L	7.5	192.0
C	7.1	192.4
L	7.0	192.5
U	6.7	192.8
W	6.6	192.9

19940

No. 4 V. l. bur

W	6.5	193.1
U	6.3	193.2
L	6.5	193.0
C	6.5	193.0
H	6.8	193.3
U	7.1	192.4
E	8.7	190.8

No. 06

E	7.5	192.0
U	6.2	193.3
L	6.1	193.4
C	6.0	193.5
H	6.0	193.5
U	5.9	193.6
W	6.2	193.3

50

No. line

W	5.6	193.9
U	5.2	194.3
L	5.7	194.4
C	5.0	194.5
H	4.7	194.8
U	4.8	194.7
E	5.5	194.0

51 No

E	1.1	198.4
U	0.8	198.7
L	1.8	197.9
C	2.2	197.3
H	3.0	196.5
U	3.2	196.3
W	3.7	195.8
TP	12.01	109.76
	1.74	197.75

100 No. Willbur

W	12.1	197.7
U	11.6	198.2
U	11.4	198.4
C	11.1	198.7
U	10.6	199.2
U	9.9	199.9
F	9.2	200.6

155 No. Alley

F	9.0	200.8
U	9.4	200.4
U	10.1	199.7
U	10.3	199.5
U	10.7	199.1
U	10.9	198.9
W	11.8	197.0

145 No. Alley

W	10.9	198.9
U	10.4	199.4
U	10.1	199.7
C	9.9	199.9
U	9.7	200.4
a	8.8	201.0
F	8.4	201.4

170 No.

F	7.4	202.4
U	7.6	202.2
U	8.2	201.6
U	8.6	201.2
U	8.7	200.9
U	9.2	200.6
W	9.5	200.3

209.76

220X6 of Wilbur

POSTED

W	5.9	203.9
cl	5.5	204.3
W	5.5	204.3
C	5.0	204.8
4	4.6	205.2
ce	4.2	205.6
L	4.4	205.4

270 No = J.L. Loring

J	1.1	208.7
cl	1.2	208.6
4	1.7	208.1
C	2.0	207.8
4	2.3	207.5
cl	2.0	207.8
W	2.5	207.3

Cross Section of I 51-25th to 26th

David Emery Collected ¹⁰/₂₇

	12.99	111.38		98.39 - B.P. Max Hyd 5.5 244J
T.P	12.75	123.72	0.41	110.97
T.P	10.87	133.59	1.00	122.72
		E. L. 25 th		
So		4.7		128.9
U		5.0		128.6
U		4.3		129.3
U		3.9		129.7
U		3.5		130.1
U		2.9		130.7
N.		1.7		131.9
		20' E		
N.		0.8		132.8
U		2.7		130.9
U		3.7		129.9
O		3.2		130.4
U		3.2		130.4
U		3.3		130.3
45.0 cl.		5.5		128.1
So		5.8		127.8

POSTED

133.59

40 E of 25th

53

	9.0	124.6
	8.1	125.5
U	5.5	128.1
U	4.3	129.3
U	3.5	130.1
U	3.7	129.9
U	4.1	129.5
U	4.0	129.6
U	2.1	131.2
	60' E	
U	4.4	129.2
U	5.5	128.2
U	5.8	127.8
U	5.3	128.3
U	4.7	128.9
U	5.0	128.6
7 N. cl.	7.0	126.6
U	8.8	124.8
So	10.8	122.8

133.59

100 E 0.55

50		12.7	120.9	
4		10.8	122.8	
4		10.6	123.0	
3 x 1.4		10.3	123.3	
1 " "		6.9	126.7	
4		7.0	126.6	
4		7.6	126.0	
4		7.5	126.1	
N.		6.6	127.0	
TP	137	125.59	9.37	124.22
		100 E		
1.5		0.0	125.6	
4		1.1	124.5	
4		2.1	123.5	
4		2.1	123.5	
C		2.4	123.2	
4		4.0	121.6	
4		4.9	120.7	
50		5.8	119.8	

125.59

120 E

54

50		8.3	117.3
4		7.8	117.8
4		6.5	119.1
C		5.1	120.5
4		5.2	120.4
4		4.3	121.3
10 x 1.6		3.4	122.2
No.		2.5	123.3
		1.8	123.8
		136 E	
No		3.8	121.8
5.50		3.8	121.8
6 "		6.5	119.1
4		7.3	118.3
No		7.1	118.6
4		7.7	117.9
4		7.7	118.4
C		8.1	117.5
4		9.0	116.6
4		9.8	115.8
50		11.0	114.6

140 E

12559

160 E = 130 E

So		13.6	112.0
Ch.		12.8	112.8
H		12.0	113.6
U		11.8	113.8
H		10.0	115.6
Ch.		9.3	116.3
No		8.0	117.6

100 E

No		9.7	115.9	
Ch.		11.5	114.1	
H		12.5	113.1	
<hr/>				
T.P.	084	113.85	12.58	112.01
C			2.1	111.8
H			2.9	111.0
Ch.			3.5	110.4
So			4.7	109.2

I 113.85 51

200 E

So		7.7	106.2
Ch.		6.2	107.7
H		5.3	108.6
U		3.9	110.0
H	POSTED	5.6	110.3
Ch.		2.6	111.3
No		1.6	112.3

140 E

No		7.1	106.8
Ch.		8.9	105.0
H		9.3	104.6
U		9.4	104.5
H		10.0	103.9
Ch.		10.8	103.1
So		10.6	103.3

113.85

280 E. 1.25

S.	13.7	100.2
U	13.2	100.7
4	12.7	101.2
0	12.2	101.7
4	11.8	102.1
U	10.8	103.1
N.	10.4	103.5

290 E

N.	11.3	102.6
d	11.9	102.0
3	12.7	101.2
0	13.1	100.8
4	13.9	100.0
U	13.9	100.0
S.	14.0	99.9

I 11385 St.

320 E

56

S.	12.5	101.4
U	12.0	101.9
U	11.5	102.4
U	11.9	102.5
U	11.4	102.5
U	10.8	103.1
N.	10.7	103.2

TP	12.68	119.00	7.53	106.32
N.		36.5		107.8
U			12.0	107.0
U			12.0	107.0
C			12.6	106.4
U			13.0	106.0
U			13.7	105.8
S.			13.3	105.7

10.00
389 E. 155.15

S.	1.3	110.7
U	7.5	111.5
L	8.5	110.5
U	8.2	110.8
U	9.2	110.8
U	7.4	111.6
N ₀	6.7	112.3

395 E

N.	5.2	113.8
U	6.0	113.0
U	6.7	112.3
U	6.9	112.1
U	6.8	112.2
U	6.1	112.9
S.	7.3	111.7

TP	12.68	130.90	0.88	118.12
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I 54. 130.80

425 E

57

S.	12.7	118.1
U	12.5	118.3
U	11.5	119.3
U	11.2	119.6
U	12.2	118.6
U	11.2	119.6
N ₀	10.6	120.2

450 E

N.	7.5	123.3
U	8.1	122.7
U	8.3	122.5
U	8.5	122.3
U	9.3	121.5
U	8.7	122.1
S.	8.6	122.2

130.50

475 E. 125th

S.	4.7	126.1
U	5.3	125.5
U	4.5	126.3
U	4.4	126.4
U	4.9	125.9
U	4.7	126.1
No	5.0	125.8

370 E

No	2.3	128.5
U	2.1	128.7
U	1.9	128.9
U	2.0	128.8
U	1.7	129.1
U	1.5	129.3
S.	1.4	129.4

T.P. 1227 142.56 1.51 130.29

I

575 E

54

142.56

58

50	9.0	133.6
U	8.4	134.2
U	8.9	133.7
U	8.6	134.0
U	9.3	133.3
U	8.8	133.8
No	9.4	133.2

561 E = W.L. 26th

TED

POSTED

No	2.4	140.2
U	2.4	140.2
U	2.7	139.9
U	2.8	139.8
U	2.8	139.8
U	3.3	139.3
50	3.2	139.4

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102.93
X Sect. H 30th to 63rd

150' E

n line	5.4	99.5
	5.8	97.1
	6.8	96.1
c	7.5	95.4
	8.1	94.8
	8.7	94.2
Sol line	8.4	94.5

175' E

Sol line	9.0	93.9
	8.3	94.6
	8.3	94.6
c	8.0	94.9
	7.5	95.4
	6.9	96.0
n line	6.2	96.7

102.93
Nov. 30, 1907

200' E

n line	7.2	95.7
	7.7	95.2
	8.2	94.7
c	8.1	94.8
POSTED	8.5	94.4
	9.7	93.2
Sol line	10.1	92.8

225' E

Sol line	10.7	92.2
	10.1	92.8
	9.6	93.3
c	9.1	93.8
	8.6	94.3
	8.3	94.6
n line	8.3	94.6

Schields
Evans 59
Barber

White

250'E

9.0 93.9

8.8 94.1

9.6 93.3

c

9.7 93.2

10.6 92.3

10.6 92.3

Solius

11.8 91.1

275'E

Solius

12.3 90.6

11.9 91.0

11.5 91.4

c

11.1 91.8

10.2 92.7

9.8 93.1

White

9.9 93.0

10293

60

300'E

White

11.1 91.8

11.3 91.6

11.4 91.5

c

12.1 90.8

12.1 90.8

12.7 90.2

Solius

13.2 89.7

325'E

Solius

13.9 89.0

13.6 89.3

13.5 89.4

c

13.0 89.9

12.6 90.3

12.4 90.5

White

12.1 90.8

J.P.

286

AL

92.75

13.04

89.89

92.75

350' E

Mline

2.9 89.9

3.4 89.4

3.2 89.6

C

3.8 89.0

3.6 89.2

4.3 88.5

Solus

4.4 88.4

375' E

Solus

5.3 87.5

5.4 87.4

4.8 88.0

C

4.8 88.0

4.3 88.5

4.4 88.4

Mline

4.0 88.8

400' E

Mline

5.0 87.8

5.3 87.5

5.5 87.3

C

5.6 87.2

5.8 87.0

5.9 86.9

Solus

6.0 86.8

425' E

Solus

7.0 85.8

6.8 86.0

6.4 86.4

C

6.2 86.6

6.2 86.6

5.8 87.0

Mline

5.5 87.3

61

450' E

n line	6.2	86.6
	6.5	86.3
	6.9	85.9
e	6.8	86.0
	7.3	85.5
	7.2	85.7
solus	7.4	85.4

475' E

solus	8.0	84.8
	8.0	84.8
	7.8	85.0
e	7.6	85.2
	7.3	85.5
	7.2	85.6
n line	7.2	85.6

500' E

62

n line	7.7	85.1
	7.7	85.1
	8.1	84.7
e	8.0	84.8
	8.2	84.6
	8.4	84.4
solus	8.4	84.4

525' E

POS. ED

solus	8.8	84.0
	8.9	83.9
	8.6	84.2
e	8.5	84.3
	8.5	84.3
	8.4	84.4
n line	8.4	84.4

60

550'E

Nline

8.6 84.2

8.7 84.1

9.0 83.8

C

9.0 83.8

9.2 83.6

9.3 83.5

Noline

9.4 83.4

575'E

Noline

9.2 83.6

9.6 83.2

9.4 83.4

C

9.2 83.6

9.4 83.4

9.3 83.5

Nline

9.0 83.8

600'E (west line 3263)

Nline

9.3 83.5

9.4 83.4

9.7 83.1

C

9.8 83.0

9.7 83.1

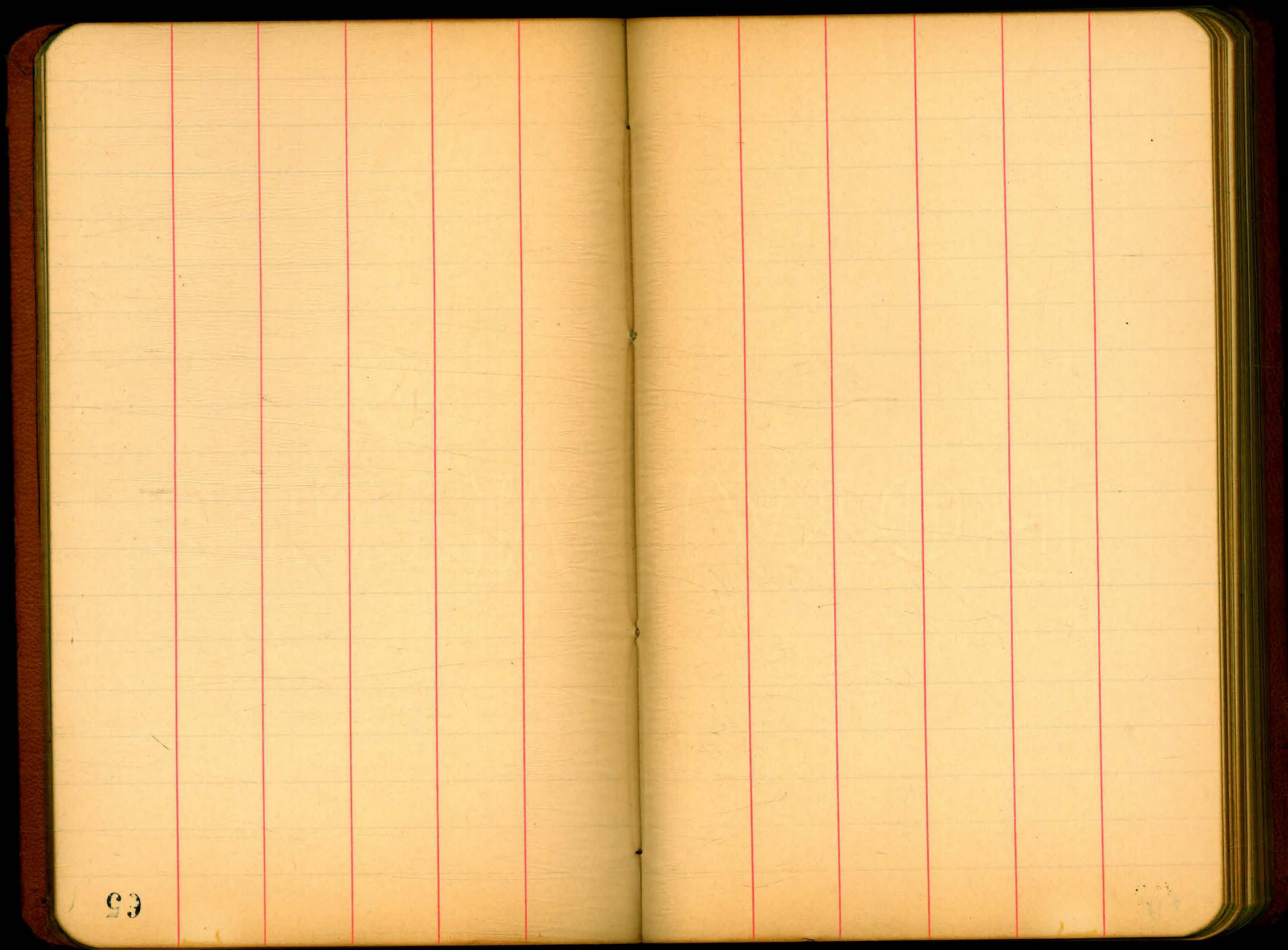
9.9 82.9

Noline

10.1 82.7

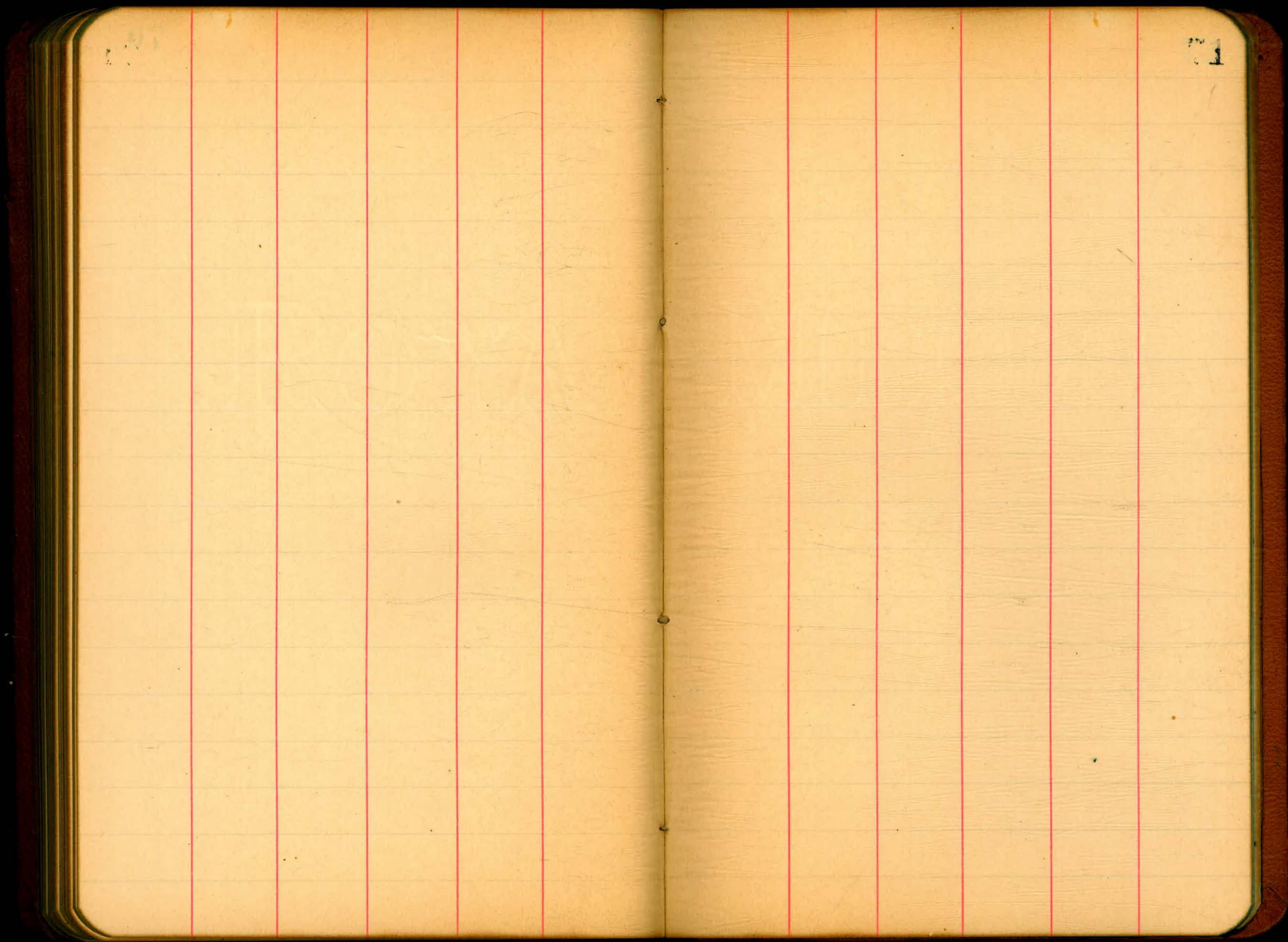
see Book 308

POSTED



67

68



1

72

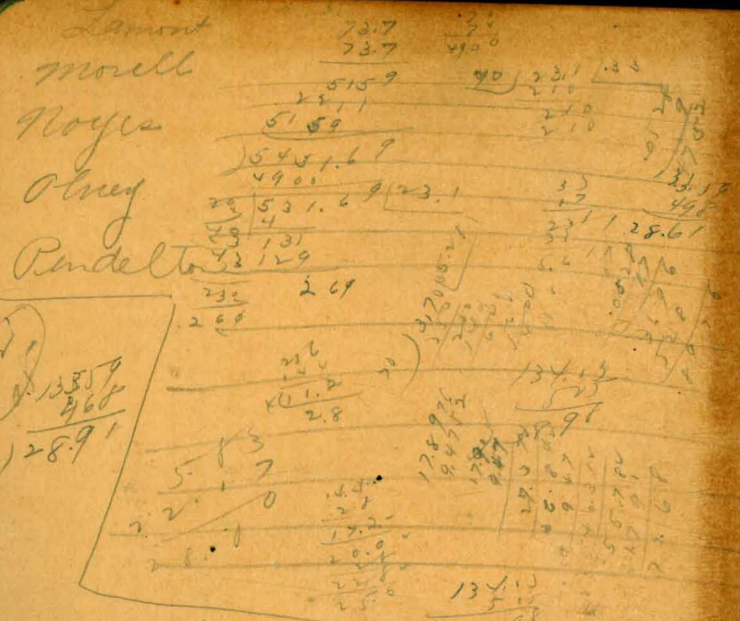
68

73

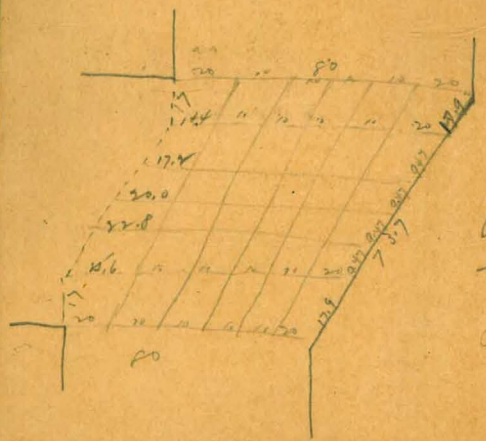
74

76

79



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



Emerald
Diamond
Missouri
Thalcedony
Law
Beryl
Wilbur
Loring

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	26
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.