324

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

LEVEL BOOK

370

F.B. 324

324

KEUFFEL & ESSER

DRAWING MATERIALS
AND
SURVEYING INSTRUMENTS.

NEW YORK.
CHICAGO. SAN FRANCISCO. ST LOUIS.

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 Keuffel & 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.

Return to City Engineers Office
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MICROFILMED
1964

Southern Construction Co.

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B.M. Spike in fence N.E. Cor
Lewis & Stephens Sts. 278.26.
prop. (S.) curb Gutter. 276. N.

276.25	276.0	275.85	276.4	277.00	277.25

POSTED

POSTED

Elevations on Stockton Boulevard.

Station — Elev. Grade Cut & Fill — South side						Elev. Grade C or F Center.		Elev. G. C or F — North side.	
B.M.		276.25	S. side Property line	Stephens					
	+S 2.87	H.I. 279.12	1.64	277.48 El. line					
O. Co St	ephens	St.	S. side	Lewis					
0	3.0	276.12							
50	5.6	273.6							
1	8.3	270.8							
50		270.5							
2	7.4	271.7							
50	9.4	269.7							
3	10.5	268.6							
40	12.3	266.8	Intersection	Stockton					
24+78.49	13.6	265.5			130	266.1		12.6	266.5
T.P.	+S 5.36.61	H.I. 271.87	-S 12.61	(266.51)	Top	of Hub N.W. Cor.	Stockton &	Stephens	
24+50	7.4	264.5			7.3	264.6		6.7	265.2
24		→			9.3	262.6		6.7	265.2
T.P.	+S 1.68	H.I. 26.4.61	-S 8.94	(262.93)					
24	16.0	248.6							
T.P.	+S 8.27	H.I 272.71	-S 6.17	(264.44)					

Center of Stephens

272.71 = H.I.

Sta.	South side –	Elev.	Grade	C.or F	Center –	Elev.	Grade	C.or F	North side –	Elev.	Gra.	C.or F.
23+50	11.8	260.9			8.9	263.8			7.2	265.5		
23	7.9	264.8			7.3	265.4			6.4	266.3		
+50	9.5	263.2			8.1	264.6			6.2	266.5		
22	10.6	262.1			8.5	264.2			6.9	265.8		
+50	11.0	261.7			8.3	264.4			5.5	267.2		
21	9.5	263.2			6.7	266.0			3.5	269.2		
+50	8.8	263.9			6.2	266.5			3.5	269.2		
20	8.5	264.2			6.2	266.7			3.6	269.1		
+50	8.8	263.9			7.2	265.5			5.4	267.3		
19	9.1	263.6			7.5	265.2			6.4	266.3		
+50	9.3	263.4			7.9	264.8			5.8	266.9		
18	6.9	265.8			6.6	266.1			6.1	266.6		
		Formosa			ST.	North						
N. Property of Stockton		West Side							East Side			
O.									6.0	266.7		
E. cor. of Lewis + Stockton	5.2	267.5							5.0	267.7		
+50	3.9	268.8							3.8	268.9		
1	0.3	272.4							0.2	272.5		

272.71 = H.I.

Lewis ST

S. Side

S.E. Cor. Lewis and Stockton	6.8	266.4			
7+50	3.1	269.6			
1	0.1	272.6			

STOCKTON DRIVE.

17+50	5.7	267.0		3.8	269.4
17	5.0	267.7		2.8	269.9
+50	2.7	270.0		1.7	271.0
T.P.	+S 7.63	H.I. 280.34	-S 0.00	Elev 272.71	
16	7.2	273.1		7.8	272.5
+50	5.6	274.7		5.5	274.8
15	4.8	275.5		4.9	275.4
+50	2.7	277.6		3.6	276.7
14	3.0	277.3		4.4	275.9
+50	4.8	275.5		6.7	273.6
13	9.6	270.7		10.5	269.8
+50	11.7	268.6		12.3	268.0
12	9.4	270.9		8.1	272.2
+50	7.6	272.7		10.1	270.2

East.

N. Side

E. Cor Lewis & Hermosa	5.0	267.4			
	3.0	269.7			
	2.5	270.2			

	3.4	269.3			
	0.8	271.9			
	6.0	273.7			
	7.2	273.1			
	6.4	273.9			
	4.9	275.9			
	3.2	277.1			
	3.3	277.0			
	6.5	273.8			
	11.0	269.3			
	13.5	266.8			
	13.0	267.3			
	14.0	266.3			

270.34 = H.I.

11	8.9	271.4			12.0	268.3		15.4	264.9
T.P.	+S 3.77	H.I. 271.64	-S 12.47	(267.87)	Top	Blk cor N.E. cor Stockton + Sierra Vista			
H.I. = 271.64		Sierra			Vista		Street		North.
		W. side							E side
0	6.6	265.0						5.2	266.4
+50	10.3	261.3						8.4	263.2
1	12.6	259.0						9.8	261.8
			Stockton				Street		N. side
+50	2.0	269.6			4.0	267.6		8.8	261.8
10	2.2	269.4			5.0	266.6		8.8	261.8
+50	1.7	269.9			5.0	266.6		8.6	262.0
9	2.6	269.0			5.7	265.9		9.9	261.7
+50	5.0	266.6			6.2	265.9		13.0	258.6
8	6.7	264.9			10.7	260.9			
T.P.	+S -0.03	H.I. 158.92	-S 12.69	Elev (158.95)					
8								7.3	251.6
	W. side	Canon					Road		
6	7.3	251.6							
+50	12.1	246.8							
7	18.2	240.7							
T.P.	+S 12.00	H.I. 270.95	-S 0.33	258.95					

270.95	14.1		Stock tank		
7+50	8.1	262.9			10.0
7	7.4	263.6			8.4
+50	6.0	265.0			7.2
6	5.3	265.7			6.8
+50	5.7	265.3			9.6
5	7.0	264.0			10.1
+50	6.7	264.3			8.8
4	5.5	265.5			6.2
	W. side Pine Street				
0	6.7	264.3			
+50	5.8	265.2			
1	5.4	265.6			
	+S	H.I.	-S	Elev	
T.P.	4.77	275.06	0.66	270.29	Hub
		Howard			
	W. side				
0	4.8	270.29			5.6
50	1.3	272.8			
1		276.2			

261.0				19.6	251.4
262.6				11.1	259.9
263.8				8.6	262.4
264.2				9.1	261.9
262.0				13.0	258.0
260.9		POSTED		14.1	256.9
262.2				9.6	261.4
264.8				6.9	264.1
E. side Pine Street				9.3	261.7
				8.4	262.6
				7.5	263.5
S.W. cor Stockton & Howard Sts.					
Street				E. side	
269.5				5.9	269.2
				2.3	272.8
					276.3

270.95	H.I.		Stockton								
7+50	8.1	262.9			10.0	261.0			19.6	251.4	
7	7.4	263.6			8.4	262.6			11.1	259.9	
+50	6.0	265.0			7.2	263.8			8.6	262.4	
6	5.3	265.7			6.8	264.2			9.1	261.9	
+50	5.7	265.3			9.0	262.0		POSTED	13.0	258.0	
5	7.0	264.0			10.1	250.9			14.1	256.9	
+50	6.7	264.3			8.8	262.2			9.6	261.4	
4	5.5	265.5			6.2	264.8			6.9	264.1	
	W. side Pine Street					E. side Pine Street					
0	6.7	264.3							9.3	261.7	
+50	5.8	265.2							8.4	262.6	
1	5.4	265.6							7.5	263.5	
	+S	H.I.	-S	Elev							
T.P.	4.77	275.06	0.66	270.29	Hub	S.W. cor Stockton & Howard Sts.					
		Howard				Street					
	W. side								E. side		
0	4.8	270.29			5.6	269.5			5.9	269.2	
50	1.3	272.8							2.3	272.8	
1		276.2								276.3	

H.I. = 17804

W. side

Hickory

0	11.6	263.5
+50	10.0	265.1
1	8.1	267.0

Stockton

+50	7.5	267.6
3	6.8	268.3
+50	6.9	268.2
2	7.1	268.0
+50	8.3	266.8
1	9.4	265.7
+50	12.4	262.7
0	13.0	262.1

Witherby

0		
50		
1		

Witherby

0		
50		
1		

7.8		
6.3		
5.8		
6.4		
7.5		
9.0		
10.5		
11.0		

Street

	267.3	
	268.8	
	269.3	
	268.7	
	267.6	
	266.1	
	264.6	
	264.1	

Blvd.

Street

Street

E side

10.2	264.9	
9.7	265.4	
7.6	267.5	
7.9	267.2	
5.9	269.2	
5.4	269.7	
6.9	268.2	
8.3	266.8	
9.1	266.0	
8.5	266.6	
8.7	266.4	

South

E side

12.4	262.7	
14.6	260.5	
16.2	258.9	

North

8.5	266.6	
9.0	267.1	
10.1	265.0	

B.M.	+S 11.18	281.47		170.29	Hub S.W.	Cor Howard + Stockton Sts					
	S. side		Sunset			Avenue			N. Side		
15+50	8.0	273.5			6.7	274.8			5.4	276.1	
16	7.9	273.6			6.8	274.7			5.5	276.0	
+50	7.6	273.9			7.0	274.5			6.0	275.5	
17	6.8	274.7			7.0	274.5			6.3	275.2	
+50	5.2	276.3			5.8	275.7			5.6	275.9	
18	4.3	277.2			4.5	277.0			4.4	277.1	
+50	4.1	277.4			3.5	278.0			3.8	277.7	
19	6.1	275.4			4.1	277.4			3.5	278.0	
+50	7.3	274.2			5.7	275.8			5.0	276.5	
20	7.4	274.1			5.8	275.7			4.9	276.6	
+50	7.2	274.3			6.4	275.1			5.7	275.8	
21	8.7	272.8			8.1	273.4			7.6	273.9	
+50	10.7	270.8			11.5	270.0			11.2	270.3	
T.P.	+S 0.62	H.I. 271.64	-S 10.45	Elev. 271.02	Hub	S.W. Cor	Sunset - +		Sheridan	Ave	
22	7.7	263.9			7.4	264.2			7	264.6	
	W. side	Sheridan					Ave		E side		
6	0.6	271.0							8.8	262.8	
+50	4.7	266.9							9.4	262.2	
16	5.5	266.1							8.3	263.3	

17.1 = 271.64 S. Side — Sunset

22+50	12.8	258.8			13.0		158.6		11.5		160.1
	+S	H.I.	-S	Elev							
T.P.	0.37	259.74	12.27	259.37	Top	of stake 18-19			Rt. side	Sunset	
22+85									10.3		249.4
23	15.0	244.7			14.3		145.4		6.2		253.5
23+10			POSTED		18.4		241.3				
23+35	Separate levels	233.6									
23+50	"	241.1			7.7		252.0		10.0		260.7
24.	11.1	248.6			11.1		259.6		8.7		262.0
	+S	H.I.		Elev.							
B.M.	11.30	270.67		259.37							
+50	9.3	261.4			8.1		262.0		6.6		264.1
25	8.6	262.1			6.6		264.1				
+50	8.8	261.9									
26	8.9	261.8							POSTED		
T.P.	11.22	279.41	2.98	267.69							
			3.08	276.33	B.M.		276.25				

X-section "H" ST from W.L. 32nd to E.L. Pascoe 2/13/08

Dunkle
Donyan
Shaw

	+R.	H.E	B.M. SPK in Post S.W. cor H. & 32nd		
	3.76	87.51			83.75 83.78
	W.L. 32nd				
S			4.9	82.6	
Crb			4.5	83.0	
1/4			4.5	83.0	
M			4.5	83.0	
1/4			4.5	83.0	
Crb			4.3	83.2	
N			4.4	83.1	
	W Crb 32nd				
N			4.8	82.7	
Crb			4.6	82.9	
1/4			4.7	82.8	
M			4.6	82.9	
1/4			4.6	82.9	
Crb			4.7	82.8	
S			5.0	82.5	

Note X-Sections taken for 20' side walk

	W 1/4			
S			5.0	82.5
Crb			4.7	82.8
1/4			4.6	82.9
M			4.7	82.8
1/4			4.7	82.8
Crb			4.7	82.8
N			4.8	82.7
	Center			
N			4.7	82.8
Crb			4.7	82.8
1/4			4.7	82.8
M			4.7	82.8
~~Crb~~ 1/4			4.8	82.7
Crb			5.0	82.5
S			5.0	82.5

POSTED

X-Sections taken for 20' side walk

E 1/4 32nd.

S	4.9	82.6
Crb	4.8	82.7
1/4	4.9	82.6
M	4.7	82.8
1/4	4.7	82.8
Crb	4.7	82.8
N	4.8	82.7

E Crb 32nd

N	4.8	82.7
Crb	4.8	82.7
1/4	4.8	82.7
M	4.9	82.6
1/4	4.9	82.6
Crb	4.7	82.8
S	4.8	82.7

E.L. 32nd

S	5.2	82.3
Crb	5.0	82.5
1/4	5.1	82.4
M	5.0	82.5
1/4	4.9	82.6
Crb	4.8	82.7
N	4.7	82.8

25' E.

N	4.7	82.8
Crb	4.9	83.1
1/4	5.0	82.5
M	5.0	82.5
1/4	4.8	82.7
Crb	4.7	82.8
+10	4.8	82.7
+16	6.0	81.5
+5	6.0	81.5

87.51

50' E.

S	5.3	82.2
+9	5.2	82.3
+14	6.3	81.2
crb	6.3	81.2
1/4	6.5	81.0
+13	6.6	80.9
M	6.0	81.5
+4	5.1	82.4
+10	4.8	82.7
+11	5.8	81.7
1/4	5.9	81.6
+12	5.5	82.0
crb	4.7	82.8
N	4.7	82.8

75' E

N	4.6	82.9
+10	4.7	82.8
+14	6.0	81.5
crb	6.0	81.5
1/4	6.5	81.0
+11	5.9	81.6
+13	5.0	82.5
M	4.8	82.7
1/4	5.1	82.4
crb	5.1	82.4
S	5.2	82.3

100' E

S	5.0	82.5
crb	5.1	82.4
1/4	5.2	82.3
M	5.0	82.5
+8	4.8	82.7
+10	6.0	81.5
1/4	6.4	81.1
+12	6.5	81.0
+13	4.9	82.6
crb	4.9	82.6
+6	4.9	82.6
#10	6.0	81.5
N	6.3	81.2

1+25' E

N	5.3	82.2
crb	5.1	82.4
+2	5.1	82.4
+3	7.1	80.4
1/4	7.0	80.5
+4	6.7	80.8
+5	4.6	82.9
M	4.7	82.8
1/4	4.8	82.7
crb	4.7	82.8
S	4.8	82.7

1+50 E		
S	4.7	82.8
crk	4.6	82.9
1/4	4.7	82.8
M	4.8	82.7
+11	5.0	82.5
~~+4~~ +13	7.0	80.5
1/4	7.6	79.9
+11	7.5	80.0
crk	4.9	82.6
N	5.2	82.3
1+75' E		
N	5.9	81.6
crk	5.5	82.0
+4	8.2	79.3
1/4	8.1	79.4
+3	5.0	82.5
M	4.8	82.7
1/4	4.7	82.8
crk	4.6	82.9
S	4.6	82.9

2+00 E		
S	4.7	82.8
crk	4.5	83.0
1/4	4.9	82.6
M	4.9	82.6
+3	5.0	82.5
+6	5.9	81.6
+13	6.4	81.1
1/4	9.6	77.9
+10	10.7	76.8
crk	7.2	80.3
+9	6.5	81.0
N	7.5	80.0
2+25 E		
N	10.6	76.9
crk	9.4	78.1
+3	13.7	73.8
+12	12.7	74.8
1/4	9.6	77.9
+1	8.2	79.3
+11	5.5	82.0
M	5.5	82.0
1/4	5.4	82.1
crk	4.7	82.8
S	4.9	82.6

		2+50 E		
		87.51		
S			7.0	80.5
crk			6.9	80.6
1/4			7.3	80.2
M			8.1	79.4
+8			9.0	78.5
+14			10.7	76.8
1/4			11.2	76.3
+5			15.2	72.3
crk			16.1	71.4
+1			15.3	72.2
+3			13.4	74.1
N			13.0	74.5
T.P.	0.89	75.53	12.87	74.64
		2+75 E		
N			4.9	70.6
+16			4.9	70.6
+18			6.2	69.3
crk			6.5	69.0
+7			6.8	68.7
+13			4.3	71.2
1/4			4.0	71.5
M			2.5	73.0
1/4			2.5	73.0
crk			3.4	72.1
S			5.0	70.5

		3+00		
S			16.4	59.1
crk			14.6	60.9
1/4			13.4	62.1
M			12.7	62.8
1/4			9.3	66.2
+8			10.0	65.5
crk			9.6	65.9
+5			9.5	66.0
N			13.3	62.2
T.P.	0.74	63.30	12.97	62.56
		3+25 E		
N			8.2	55.1
+7			7.2	56.1
+16			1.2	62.1
crk			1.3	62.0
+9			1.3	62.0
1/4			4.8	58.5
+2			6.1	57.2
M			7.9	55.4
1/4			9.8	53.5
crk			10.7	52.6
S			11.3	52.0

See Plot in this book

3+42.8 on S. side & 3+44.2 on N side
End of 100' St & 0+0 on 60' St

S	14.1	49.2
crb	12.9	50.4
1/4	12.4	50.9
M	11.6	51.7
+10	10.5	52.8
1/4	7.1	56.2
+6	3.1	60.2
crb	3.2	60.1
+2	3.2	60.1
+16	11.5	52.8
N	12.9	50.9

POSTED

End 100' St = 3+42.8 on S. side & 3+44.2 on N side from E.L. 32nd and 0+0 on 60' St

0+0

N	12.8	50.5
crb	12.8	50.5
1/4	12.6	50.7
+5	11.6	51.7
M	9.8	53.5
1/4	3.1	60.2
crb	3.3	60.0
S	9.6	53.7
+5	11.1	52.2

0+25' E

	13.7	49.6
-6	11.8	51.5
S		
crb	5.7	57.6
1/4	5.8	57.5
M	11.8	51.5
+7	14.2	49.1
1/4	14.1	49.2
crb	14.4	48.9
+8	13.8	49.5
N	13.3	50.0

0+50' E

N	12.2	51.1
crb	12.2	51.1
1/4	12.5	50.8
M	12.0	51.3
1/4	8.8	54.5
crb	8.5	54.8
+8	14.0	49.3
S	14.4	48.9

0+75' E

63.30

S	13.4	49.9
crb	8.8	54.5
1/4	9.0	54.3
+2	9.1	54.2
M	12.4	50.9
1/4	12.9	50.4
crb	12.3	51.0
N	11.7	52.6

1+00' E

N	7.5	55.8
crb	9.9	53.4
1/4	12.1	51.2
M	11.7	51.6
+2	11.1	52.2
1/4	8.9	54.4
crb	8.7	54.6
S	13.5	49.8

1+25' E

S	12.3	51.0
+6	8.7	54.6
crb	7.6	55.7
1/4	7.7	55.6
+6	7.5	55.8
M	6.6	56.7
1/4	3.6	59.7
crb	1.0	62.3
N	+2.7	66.0

1+50' E

N	+10.7	74.0
crb	+8.4	71.7
1/4	+5.2	68.5
M	+0.5	63.8
1/4	5.2	58.1
crb	5.4	57.9
+5	4.9	58.4
S	7.3	56.0

63.30

1+75' E

S			+1.2	69.5
~~+7~~				
+7			+2.5	65.8
crb			1.4	61.9
+3			5.1	58.2
1/4			4.7	59.6
M			+0.6	63.9
+5			+5.1	68.4
1/4			+6.2	69.5
crb			+8.0	71.3
N			+9.6	72.9

POSTED

2+00' E

N			+3.8	67.1
crb			+2.2	65.5
1/4			0.3	63.0
M			4.1	59.2
1/4			6.4	56.9
+5			6.2	57.1
crb			3.8	59.5
S,			3.6	59.7
T.P.	3.24	53.61	12.93	50.37

53.61

2+25' E

S			3.0	50.6
crb			0.5	53.1
1/4			0.2	53.4
M			+0.2	53.8
1/4			+1.1	54.7
crb			+3.0	56.6
N			+5.1	58.7

2+50' E

N			3.1	50.5
crb			4.2	49.4
1/4			5.2	48.4
M			4.5	49.1
1/4			3.7	49.9
+5			3.5	50.1
crb			5.7	47.9
+5			7.0	46.6
S			7.4	46.2

53.61

2+75 E

S	9.5	44.1
+8	9.4	44.2
crb	8.8	44.8
+5	6.9	46.7
1/4	6.8	46.8
+5	6.7	46.9
M	7.8	45.8
1/4	8.1	45.5
crb	7.7	45.9
N	7.1	46.5

3+00 E

N	8.4	45.2
crb	8.5	45.1
1/4	9.0	44.6
M	8.8	45.8
1/4	8.3	45.3
+5	8.5	45.1
crb	9.5	44.1
S	9.7	43.9

3+25 E

S	9.7	439
crb	9.6	440
1/4	8.9	447
M	9.3	443
1/4	9.8	438
+2	9.8	438
+6	9.0	446
crb	9.1	445
N	8.5	451

3+50 E

N	8.5	451
crb	9.7	439
+3	9.9	437
+7	10.9	427
1/4	10.7	429
M	10.3	433
1/4	10.3	43.3
crb	10.8	428
S	11.7	419

53.61

3+75 E.

S			16.3	37.3
crb			14.3	39.3
+3			12.9	40.7
1/4			12.5	41.1
M			12.3	41.3
1/4			12.9	40.7
+3			13.0	40.6
+6			11.6	42.0
crb			10.4	43.2
+6			9.1	44.5
N			8.8	44.8
T.P.	1.47	42.07	13.01	40.60

4+00 E

N			+0.6	42.7
crb			2.1	40.0
+5			3.2	38.9
1/4			3.0	39.1
M			2.9	39.2
1/4			3.3	38.8
+7			3.7	38.4
crb			5.2	36.9
S			5.3	36.8

4+25 E

S	4.9	37.2
crb	5.1	37.0
1/4	4.5	37.6
M	4.1	38.0
1/4	4.6	37.5
crb	4.8	37.3
N	4.3	37.8

4+50 E

N	4.8	37.3
crb	4.9	37.2
1/4	5.0	37.1
M	4.5	37.6
1/4	4.6	37.5
crb	4.9	37.2
S	4.6	37.5

4+75' E

42.07

S	4.5	37.6
Crb	4.5	37.6
+2	4.6	37.5
+3	5.5	36.6
1/4	5.1	37.0
M	4.7	37.4
1/4	5.1	37.0
+6	5.4	36.7
+7	4.6	37.5
Crb	4.9	37.2
N	4.6	37.5

5+00 E

N	4.5	37.6
Crb	4.4	37.7
+3	4.6	37.5
+4	5.5	36.6
1/4	5.5	36.6
M	4.7	37.4
1/4	4.9	37.2
+6	5.4	36.7
+7	4.6	37.5
Crb	4.6	37.5
S	4.6	37.5

5+24.2 = W.L. 33rd St

W.L. 33rd St

S	4.6	37.5
Crb	4.6	37.5
+2	4.6	37.5
+3	5.4	36.7
1/4	5.1	37.0
M	5.0	37.1
1/4	5.1	37.0
+7	5.4	36.7
+8	4.8	37.3
Crb	4.6	37.5
N	3.8	38.3

W. CUT @ 33rd

N	5.3	36.8
Crb	5.7	36.4
1/4	5.3	36.8
M	5.0	37.1
1/4	5.3	36.8
+9	5.5	36.6
Crb	4.6	37.5
S	4.7	37.4

W 1/4 33rd St

S	5.6	36.5
Crb	5.8	36.3
1/4	5.4	36.7
M	5.1	37.0
1/4	5.4	36.7
Crb	6.1	36.0
N	6.3	35.8

center 33rd St

N	6.6	35.5
Crb	6.1	36.0
1/4	5.4	36.7
M	5.2	36.9
1/4	5.5	36.6
Crb	5.6	36.5
S	5.1	37.0

E 1/4 33rd

S	5.6	36.5
Crb	5.6	36.5
1/4	5.3	36.8
M	5.0	37.1
1/4	5.3	36.8
+6	5.6	36.5
Crb	5.3	36.8
N	6.1	36.0

E. curb 33rd

N	5.1	37.0
Crb	5.0	37.1
+2	5.2	36.9
+3	5.7	36.4
1/4	5.3	36.8
M	4.9	37.2
1/4	5.3	36.8
Crb	5.7	36.4
S	5.9	36.2

E. L. 33rd St

42.07

S	5.1	37.0
Crb	5.1	37.0
+2	5.7	36.4
1/4	5.2	36.9
M	4.9	37.2
1/4	5.2	36.9
+8	5.5	36.6
+9	5.0	37.1
Crb	5.0	37.1
N	4.7	37.4

POSTED

0 + 25' E

N	4.8	37.3
Crb	4.6	37.5
+2	4.7	37.4
+3	5.6	36.5
1/4	4.9	37.2
M	4.5	37.6
1/4	5.1	37.0
+7	5.7	36.4
+8	5.0	37.1
Crb	5.0	37.1
S	5.3	36.8

0 + 50' E

S	5.8	36.3
Crb	5.2	36.9
+2	5.1	37.0
+3	5.6	36.5
1/4	4.8	37.3
M	4.7	37.4
1/4	4.8	37.3
+7	5.3	36.8
+8	4.3	37.8
Crb	4.1	38.0
N	4.3	37.8

0 + 75' E

N	4.0	38.1
Crb	4.2	37.9
+2	4.1	38.0
+3	5.6	36.5
1/4	4.7	37.4
M	4.7	37.4
1/4	4.9	37.2
+8	5.5	36.6
+9	4.5	37.6
Crb	4.5	37.6
S	4.4	37.7

T. P.	6.35	43.54	4.88	37.19

B.M. SPK in post S.W. Cor H. 833 = 38.26

2/14/08: Dunkle
Donnan
Shaw

43.54

1+00 E

S	6.4	37.1
crb	6.4	37.1
+1	6.5	37.0
+2	7.1	36.4
1/4	6.4	37.1
M	6.1	37.4
1/4	6.2	37.3
crb	6.1	37.4
+1	6.0	37.5
N	5.9	37.6

1+25 E

N	5.7	37.8
crb	5.5	38.0
+2	6.6	36.9
1/4	6.1	37.4
M	6.0	37.5
1/4	6.5	37.0
+8	7.0	36.5
+9	6.3	37.2
crb	6.1	37.4
S	6.3	37.2

1+50 E

S	7.0	36.5
crb	6.8	36.7
+1	7.3	36.2
1/4	6.7	37.8
M	6.1	37.4
1/4	6.5	37.0
+8	7.0	36.5
+9	6.1	37.4
crb	6.2	37.3
N	6.3	37.2

1+75 E

N	5.9	37.6
crb	6.1	37.4
+1	6.0	37.5
+2	6.7	36.9
1/4	6.3	37.2
M	5.9	37.6
1/4	6.5	37.0
+1	7.1	36.4
crb	6.7	36.8
S	6.6	36.9

H.I
43.54

2+00 E

S	5.5	38.0
crb	5.6	37.9
+1	6.9	36.6
1/4	6.3	37.2
M	5.9	37.6
1/4	6.2	37.3
+8	6.6	36.9
+9	6.1	37.4
crb	6.2	37.3
N	5.8	37.7

2+25 E

N	5.7	37.8
crb	5.9	37.6
+1	5.8	37.7
+2	6.4	37.1
1/4	5.9	37.6
M	5.7	37.8
1/4	6.0	37.5
+8	6.5	37.0
crb	5.9	37.6
S	5.7	37.8

2+50 E

S	6.3	37.2
crb	6.3	37.2
1/4	5.8	37.7
M	5.5	38.0
1/4	5.7	37.8
+8	6.3	37.2
crb	5.8	37.7
N	6.0	37.5

2+75 E

N	5.0	38.5
crb	5.0	38.5
+1	5.0	38.5
+2	6.0	37.5
1/4	5.3	38.2
M	5.0	38.5
1/4	5.4	38.1
+9	6.2	37.3
crb	5.3	38.2
S	5.9	37.6

43.54

3+00 E

S	5.6	37.9
crb	5.5	38.0
+1	5.4	38.1
1/4	6.0	37.5
M	4.9	38.6
1/4	5.3	37.2
+8	5.7	37.8
+9	5.1	38.4
crb	5.1	38.4
N	5.0	38.5

3+25 E

N	4.8	38.7
crb	5.0	38.5
+1	4.8	38.7
+2	5.5	38.0
1/4	4.8	38.7
M	4.7	38.8
1/4	5.0	38.5
+9	5.7	37.8
crb	4.8	38.7
S	5.0	38.5

3+50 E

S	4.7	38.8
crb	4.7	38.8
+1	5.5	38.0
1/4	4.7	38.8
M	4.4	39.1
1/4	4.8	38.7
+8	5.5	38.0
+9	4.6	38.9
crb	4.7	38.8
N	4.6	38.9

3+75 E

N	4.5	39.0
crb	4.6	38.9
1/4	4.4	39.1
M	4.2	39.3
1/4	4.1	39.4
+6	4.4	39.1
+8	6.0	37.5
crb	6.3	37.2
S	8.2	35.3

See P73

4+05.1 E = End of 60'st & beginning of 80'st 43.54
See plot in this book

4+05.1

S		7.4	36.1
crb		7.7	35.8
1/4		8.4	35.1
+3		7.8	35.7
M		5.2	38.3
+4		4.0	39.5
1/4		3.8	39.7
crb		3.9	39.6
N		3.8	39.7

405.1 on 60'st = 0+0 on 80'st running East

N		5.5	38.0
+6		7.7	35.8
crb		8.2	35.3
1/4		6.9	36.6
+7		6.3	37.2
M		8.3	35.2
+8		8.7	34.8
1/4		9.8	33.7
crb		9.9	33.6
S		8.9	34.6

0+25 E

S		5.5	38.0
+8		6.0	37.5
+10		10.1	33.4
crb	creek bed	12.1	31.4
1/4	" "	11.6	31.9
M	" "	10.1	33.4
1/4	" "	9.7	33.8
crb		9.0	34.5
N.		8.1	35.4

0+50

N		8.7	34.8
crb		7.7	35.8
+6		7.6	35.9
1/4		6.0	37.5
M		6.0	37.5
1/4		5.2	38.3
crb		5.6	37.9
S		5.0	38.5

43.54

0+75 E

S	5.1	38.4
crb	4.9	38.6
1/4	4.9	38.6
M	5.1	38.4
1/4	4.8	38.7
Crb	5.5	38.0
+3	6.6	36.9
N	7.3	36.2

1+00 E

N	5.5	38.0
+3	4.3	39.2
crb	4.8	38.7
1/4	4.6	38.9
M	4.4	39.1
1/4	5.0	38.5
crb	4.6	38.9
S	4.6	38.9

1+25 E

S	4.0	39.0
crb	3.9	39.6
1/4	4.0	39.5
M	4.0	39.5
1/4	4.1	39.4
crb	4.1	39.4
N	4.7	38.8

1+50 E

N	3.5	40.0
crb	3.4	40.1
1/4	3.6	39.9
M	3.5	40.0
1/4	3.6	39.9
crb	3.9	39.6
S	4.6	38.9

43.54

1+75 E

S			1.4	42.1
crb			1.8	41.7
1/4			3.6	39.9
M			3.0	40.5
1/4			2.8	40.7
crb			3.3	40.2
N			2.7	40.8
T.P.	11.94	54.92	0.56	42.98

2+00 E

N			11.8	43.1
+12			12.5	42.4
crb			10.8	44.1
1/4			9.9	45.0
M			9.6	45.3
1/4			9.6	45.3
crb			9.9	45.0
S			10.9	44.0

2+25 E

S			8.0	46.9
crb			7.7	47.2
1/4			7.7	47.2
M			7.4	47.5
1/4			6.7	48.2
crb			8.9	46.5
+5			10.2	44.7
+8			9.5	45.4
N			9.1	45.8

2+50 E

N			5.8	49.1
+5			6.0	48.9
+11			9.1	45.8
crb			9.5	45.4
+3			9.3	45.6
+10			5.6	49.3
1/4			5.5	49.4
M			5.5	49.4
1/4			5.1	49.8
crb			5.0	49.9
S			5.4	49.5

54.92

2+75 E

S			2.4	52.5
crb			2.0	52.9
1/4			2.2	52.7
M			3.0	51.9
1/4			4.3	50.6
+5			5.9	49.0
+7			7.7	47.2
+11			8.3	46.6
crb			7.6	47.3
+3			5.2	49.7
+6			4.3	50.6
+11			1.9	53.0
N			2.1	52.8
T.P.	12:00	66.89	0.03	54.89

3+00 E

N			10.0	56.9
+4			10.2	56.7
+7			12.3	54.6
crb			14.2	52.7
+8			15.5	51.4
1/4			18.7	48.2
+3			18.7	48.2
+8			14.3	52.6
M			12.4	54.5
1/4			8.3	58.6
crb			6.2	60.7
S			4.7	62.2

3+25 E

S			+5.2	72.1
crb			+0.7	67.6
1/4			4.3	62.6
M			11.1	55.8
+8			15.0	51.9
1/4			15.5	51.4
+1			15.7	51.2
+2			16.4	50.5
+5			16.4	50.5
+9			13.1	53.8
crb			11.7	55.2
+4			10.6	56.3
+9			7.1	59.8
N			7.6	59.3

3+50 E

N			4.0	62.9
+7			4.1	62.8
crb			9.1	57.8
+4			11.6	55.3
+6			14.4	52.5
+9			14.9	52.0
1/4			13.6	53.3
+1			12.4	54.5
M			9.9	57.0
1/4			4.9	62.0
crb			+2.7	69.6
S			+7.9	74.8

66.89

3+75 E

S			+9.2	76.1
crb			+2.9	69.8
+6			+0.4	67.3
1/4			0.9	66.0
+8			6.6	60.3
M			7.7	59.2
+6			9.3	57.6
+10			14.1	52.8
1/4			13.5	53.4
+3			12.0	54.9
+10			7.8	59.1
crb			6.0	60.9
+6			1.4	65.5
N			2.0	64.9

4+00

N			+0.7	67.6
+8			+0.3	67.2
crb			3.6	63.3
+9			11.5	55.4
+12			11.6	55.3
1/4			10.2	56.7
M			3.9	63.0
+3			2.4	64.5
+9			1.6	65.3
1/4			+0.4	67.3
crb			+4.8	71.7
S			+11.6	78.5
T.P	12.79	79.41	0.27	66.62

79.41

4+25 E

S.	0.5	78.9
crb	5.8	73.6
1/4	11.8	67.6
+5	11.6	67.8
M	16.1	63.3
+7	21.2	58.2
1/4	21.1	58.3
crb	12.9	66.5
+5	10.0	69.4
N	9.9	69.5

4+50 E

N	3.00	76.4
+4	7.3	72.1
+13	7.5	71.9
crb	8.3	71.1
1/4	17.2	62.2
+4	19.5	59.9
+9	18.6	60.8
M	15.9	63.5
1/4	10.7	68.7
crb	6.5	72.9
S	0.3	79.1

H.I
79.41

4+75 E

S		1.6	77.8
crb		6.6	72.8
⊕ 1/4		11.8	67.6
+ 9		16.5	62.9
+ 11		18.6	60.8
M		18.5	60.9
1/4		10.8	68.6
+ +10		4.2	75.2
crb		4.2	75.2
+ 6		4.5	74.9
+ 12		+1.4	80.8
N		+ 2.4	81.8

5+00. E.

N		+ 7.7	87.1
+ 8		+ 3.6	83.0
+ 11		0.6	78.8
crb		0.8	78.6
+ 7		0.4	79.0
1/4		4.1	75.3
+ 12		10.5	68.9
M		11.5	67.9
+ 5		16.7	62.7
+ 7		16.7	62.7
+ 9		14.0	65.4
1/4		12.2	67.2
+ 12		7.2	72.2
crb		6.0	73.4
S		1.3	78.1

5+25 E

S		1.3	78.1
crb		7.1	72.3
+ 7		9.7	69.7
+ 9		13.3	66.1
1/4		14.2	65.2
+ 3		10.4	69.0
+ 7		9.1	70.3
M		6.6	72.8
⊕ 1/4		+2.3	81.7
+ 12		+ 2.0	81.4
crb		+ 4.3	83.7
+ 7		+ 7.0	86.4
N		+12.5	91.9

5+50 E

N		+17.1	96.5
crb		+10.9	90.3
+3		+ 9.8	89.2
+ 5		+ 5.0	84.4
1/4		+ 4.7	84.1
+ 4		+ 4.6	84.0
M		1.6	77.8
1/4		6.8	72.6
+ 8		8.9	70.5
+ 10		10.5	68.9
crb		12.6	66.8
+ 2		9.1	70.3
+ 3		7.4	72.0
S		3.0	76.4
T.P.	12.37	91.67	0.11	79.30

4.5
91.67

5+75 E

S	15.9	75.8
+3	18.0	73.7
+8	18.9	72.8
+9	22.5	69.2
+12	22.7	69.0
crb	19.2	72.5
+3	17.4	74.3
1/4	15.3	76.4
+6	12.9	78.8
M	7.6	84.1
+5	5.3	86.4
1/4	5.8	85.9
+4	5.4	86.3
+5	2.3	89.4
+7	+0.9	92.6
crb	+4.2	95.9
N	+10.3	102.0

POSTED

5+86 = W. L. 35th St

N	+12.4	104.1
crb	+6.4	98.1
+9	+1.2	92.9
1/4	2.9	88.8
+1	4.2	87.5
+12	4.5	87.2
M	5.8	85.9
+11	12.3	79.4
1/4	12.2	79.5
crb	16.3	75.4
+4	17.9	73.8
+7	20.9	70.8
+10	20.5	71.2
+13	17.7	74.0
S.L.	17.4	74.3
+10	12.5	79.2
+20	17.2	74.5
+30	1.9	89.8
+40	+4.9	96.1
+52' = Intesec S.L. of H St. E. of	+9.5	101.2

See Plot

W. Curb 35th

-52	+8.8	100.5
-40	+3.9	95.6
-30	2.5	89.2
-20	8.3	83.4
-10	12.5	79.2
-8	14.2	77.5
S.L.	18.9	72.8
+2	18.8	72.9
+3	17.1	74.6
+9	16.8	74.9
+11	15.7	76.0
crb	14.9	76.8
1/4	10.6	81.1
M	3.5	88.2
+11	3.1	88.6
1/4	1.4	90.3
crb	+6.9	98.6
N	+13.7	105.4

W 1/4 35th

N	+15.6	107.3
crb	+9.5	101.2
1/4	+3.4	95.1
+3	+1.4	93.1
+5	1.5	90.2
M	1.7	90.0
+4	2.0	89.7
1/4	6.9	84.8
crb	13.3	78.4
+2	14.1	77.6
+11	15.9	75.8
+12	18.7	73.0
S	19.0	72.7
+5	16.7	75.0
+10	13.9	77.8
+20	10.4	81.3
+30	5.0	86.7
+40	+2.7	93.4
+52	+7.5	99.2

91.67

Center 35TH

			+ 7.4	99.1
— 52			+ 1.9	93.6
— 40			4.6	87.1
— 30			9.8	81.9
— 20				
— 10			13.5	78.2
— 6			14.7	77.0
S.L. 4			17.5	73.9
+ 10			15.4	76.3
crb			13.0	78.7
			11.5	80.2
1/4			5.7	86.0
+ 7			0.9	90.8
M			1.0	90.7
+ 6			0.8	90.9
+ 10			+ 4.9	96.6
1/4			+ 7.4	99.1
crb			+ 11.7	103.4
N.L.			+ 16.9	108.6
T.P.	11.43	102.71	0.39	91.28

E 1/4 35TH ST

			+ 7.3	110.0
N			+ 2.5	105.2
crb			1.5	101.2
1/4			5.0	97.7
+ 6			11.1	91.6
+ 9			11.4	91.3
M			11.5	91.2
+ 7			15.2	87.5
1/4			21.7	81.0
crb			24.9	77.8
S.L.			25.3	77.4
+ 1			26.9	75.8
+ 2			26.3	76.4
+ 5			24.8	77.9
+ 6				
+ 10			24.0	78.7
+ 20			20.8	81.9
+ 30			16.7	86.0
+ 40			10.4	92.3
+ 52			4.2	98.5

E. Curb 35TH

	5.0	97.7
— 52		
— 40	11.2	91.5
— 30	16.9	85.8
— 20	20.8	81.9
— 10	23.1	79.6
— 8	23.6	79.1
— 5		
	26.1	76.6
S.L.	23.9	78.8
crb	20.6	82.1
1/4	13.2	89.5
+ 4	10.7	92.0
M	10.3	92.4
+ 2	10.1	92.6
+ 5	5.3	97.4
1/4	1.1	101.6
crb	+ 5.1	107.8
N		
	+ 9.6	112.3

E.L. 35TH

	+ 10.3	113.0
N		
crb	+ 7.3	110.0
1/4	+ 1.8	104.5
+ 10	4.3	98.4
+ 12	9.3	93.4
M	9.3	93.4
+ 10	9.6	
1/4	11.6	91.1
crb	19.3	83.4
S.L.		
+ 10	23.1	79.6
+ 20	21.9	81.8
+ 26	20.7	82.0
+ 30	19.3	83.4
	17.7	85.0
+ 40	12.7	90.0
+ 52	5.5	97.2

"H" ST 102.71 See Plot.

W.L. Merritt 30' ST

S.L. "H"	5.6	97.1
crb	13.4	89.3
1/4	19.4	83.3
M	20.5	82.2
1/4	22.1	80.6
crb	18.2	84.5
N.L.H.	9.6	93.1
+ 1	8.7	94.0
+ 13	7.9	94.8
+ 15	2.6	100.1
+ 32	+6.9	109.6
+ 42	+9.5	112.2
+ 52 = Int N.L.H. ST Running west	+10.9	113.6

Center Merritt

— 52	+11.2	113.9
— 42	+9.6	112.3
— 30	+6.2	108.9
— 18	+0.6	103.3
— 16	6.3	96.4
— 4	7.1	95.6
N.L. "H" ST	9.4	93.3
+ 12	17.9	84.8
crb.	18.4	84.3
1/4	19.3	83.4
+ 9	19.7	83.0
M	18.7	84.0
1/4	17.4	85.3
crb	11.6	91.1
S.L.	3.5	99.2

See plot of this door

E.L. Merritt

S.L. "H"	1.00	101.7
crb	8.1	94.6
1/4	13.4	89.3
+ 7	16.9	85.8
M	17.9	84.8
+ 6	18.8	83.9
1/4	18.1	84.6
crb	17.2	85.5
+ 6	16.3	86.4
N.L. "H" ST	10.7	92.0
+ 9	5.2	97.5
+ 23	4.2	98.5
+ 25	+1.7	104.4
+ 32	+4.5	107.2
+ 42	+7.1	109.8
+ 52	+10.2	112.9

0 + 25 E.

N.L.	13.6	89.1
crb	16.0	86.7
1/4	15.8	86.9
M	16.9	85.9
1/4	9.6	92.1
crb	2.2	100.5
+ 8	+0.6	103.3
S.	+1.9	104.6

	102.71		
	0+50 E		
S.L.	+4.7	107.4	
crb	+1.7	104.4	
1/4	3.8	98.9	
M.	11.4	91.3	
+4	15.0	87.7	
1/4	14.3	88.4	
crb	13.8	88.9	
N.L.	12.3	90.4	
	0+75		
N.L.	10.2	92.5	
crb	11.7	91.0	
1/4	11.6	91.1	
+10	11.9	90.8	
M	10.2	92.5	
+3	6.5	96.8	
1/4	2.9	99.8	
crb	+1.5	104.2	
S.L	+4.9	107.6	

POSTED

		1+00 E			
S.L			+2.6	105.3	
+10			0.7	102.0	
crb			3.8	98.9	
+9			8.5	94.2	
1/4			8.0	94.7	
M			8.1	94.6	
1/4			8.8	93.9	
crb			7.9	94.8	
N.L			8.5	94.2	
		1+25 E			
N.L.			+0.7	103.4	
crb			1.00	101.7	
1/4			3.7	99.6	
+5			5.9	96.8	
+7			4.6	98.1	
M			5.0	97.7	
1/4			4.9	97.8	
crb			4.6	98.1	
+11			4.9	97.8	
S.L			1.4	101.3	
T.P.	12.81	115.11	0.41	102.30	2/4/08

B.M. N.L. "H" St 125' E from Merritt Plug = 103.08

		115.11	115.11	2/15/08	Dunkle Dorman Shaw
	1+50 E				
S.L.			13.9	101.2	
crb			13.6	101.5	
1/4			13.7	101.4	
M.			13.2	101.9	
1/4			9.6	105.5	
crb			6.4	108.7	
N			4.1	111.0	
		1+75' E			
N.L.			1.3	113.8	
crb			3.2	111.9	
1/4			6.0	109.1	
M.			7.3	107.8	
1/4			8.1	107.0	
crb			9.6	105.5	
S.L			8.0	107.1	

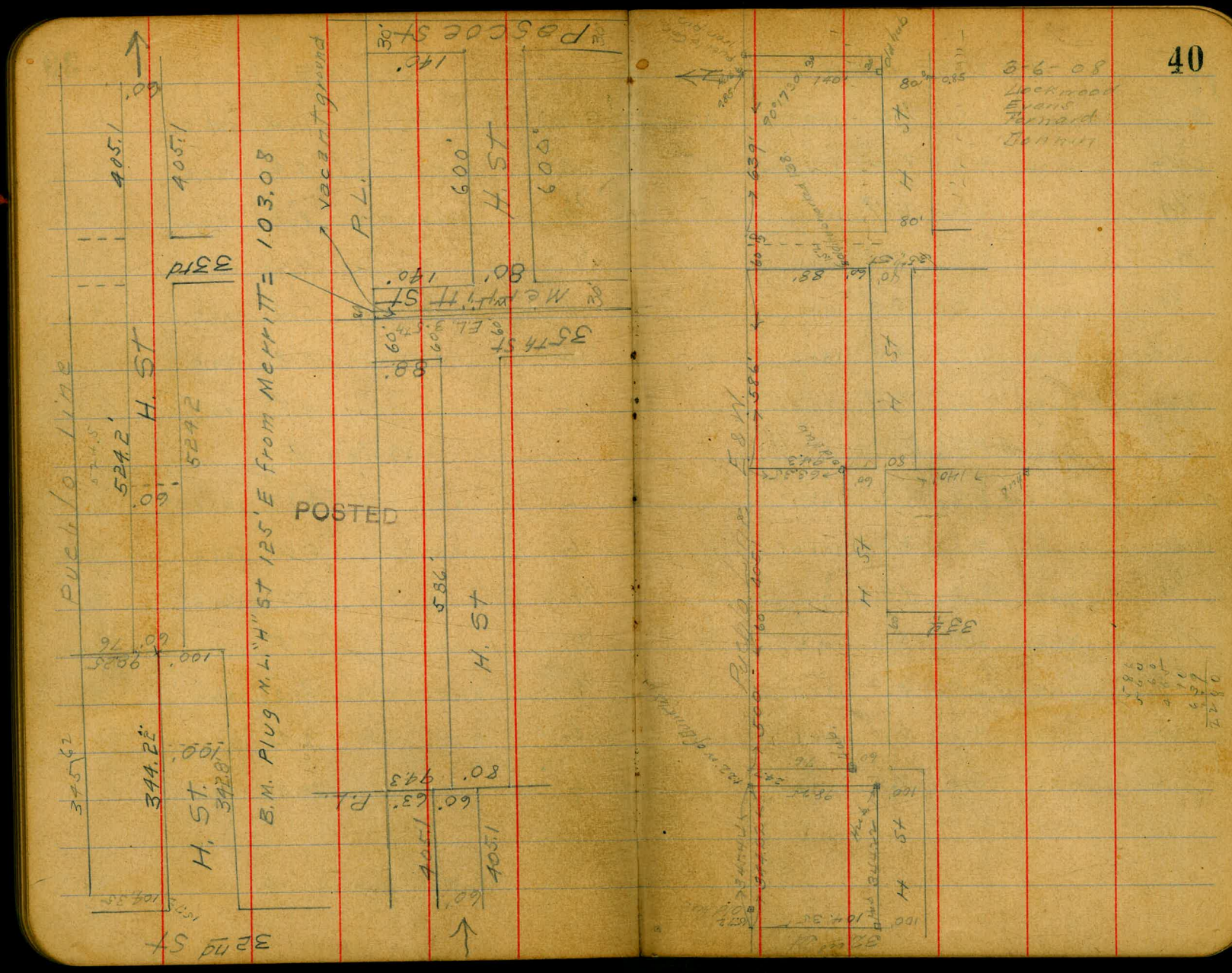
		2+00 E.		
S.L.			1.7	113.4
+7			1.0	114.1
+9			2.0	113.1
crb			2.1	113.0
+4			1.8	113.3
1/4			3.8	110.3
M			2.2	112.9
1/4			+0.7	115.8
crb			+1.1	116.2
+9			+1.6	116.7
N.L			+3.1	118.2
T.P.	12.48	127.37	0.22	114.89
		2+10		
N.L.			4.1	123.3
crb			5.6	121.8
1/4			6.4	121.0
+8			7.1	120.3
+10			10.2	117.2
M			10.9	116.5
+5			11.9	115.5
1/4			11.9	115.5
+3			11.7	115.7
+5			9.2	118.2
crb			10.7	116.7
+7			12.0	115.4
S.L.			12.7	114.7

		127.37		
		2+25' E		
S.L.			9.8	117.6
crb			7.3	120.1
1/4			5.5	121.9
M			4.7	122.7
1/4			4.5	122.9
crb			3.8	123.6
N.L			3.0	124.4
		2+50 E		
N.L			0.9	126.5
crb			1.4	126.0
1/4			2.3	125.1
M			3.3	124.1
1/4			4.2	123.2
crb			5.0	122.4
S.L			5.6	121.8
T.P.	12.50	139.44	0.43	126.94

		2+75' E		
S.L.			14.0	125.4
crb			14.5	124.9
1/4			13.9	125.5
M			13.2	126.2
1/4			12.6	126.8
crb			11.8	127.6
N.L			10.3	129.1
		3+00 E		
N.L			7.5	131.9
crb			7.9	131.5
1/4			8.5	130.9
M			9.0	130.4
1/4			10.3	129.1
crb			11.6	127.8
S.L			12.4	127.0

		139.44		
		3+25		
S.L			9.7	129.7
Crb			8.0	131.4
1/4			6.6	132.8
M			6.1	133.3
1/4			5.6	133.8
Crb			4.8	134.6
N.L.			3.8	135.6
		3+50 E		
N.L.			0.8	138.6
Crb			1.2	138.2
1/4			2.9	136.5
M			3.8	135.6
1/4			4.9	134.5
Crb			6.1	133.3
S.L			7.6	131.8
T.P.	8.15	144.93	2.66	136.78

		144.93		
		3+75 E		
S.L			11.4	133.5
Crb			9.9	135.0
1/4			8.3	136.6
M			7.6	137.3
1/4			6.4	138.5
Crb			5.4	139.5
N.L			4.8	140.1
		4+00 E		
N.L			3.7	141.2
Crb			5.0	139.9
1/4			5.7	139.2
M			6.5	138.4
1/4			8.0	136.9
Crb			9.0	135.9
S.L			10.3	134.6


Pueblo Line
H. ST
33rd
32nd St
Pascoe St
Merritt St
35th St
vacant ground
P.L.
B.M. Plug N.L. "H" St 125' E from Merritt = 103.08
POSTED
3-6-08
Lockwood
Evans
Fernard
Donnin

144.93

4+25 E on "H" St

S. L	9.2	135.7
crb	8.2	136.7
1/4	6.9	138.0
M.	5.8	139.1
1/4	5.0	139.9
crb	4.3	140.6
N. L.	2.7	142.2

4+50 E

N. L.	2.2	142.7
crb	3.3	141.6
1/4	4.4	140.5
M	5.3	139.6
1/4	6.2	138.7
crb	6.8	138.1
S. L	7.5	137.4

4+75 E

S. L.	7.0	137.9
crb	6.4	138.5
1/4	5.5	139.4
M	4.9	140.0
1/4	4.2	140.7
crb	3.5	141.4
N. L.	2.4	142.5

5+00 E

N. L.	2.6	142.3
crb	3.7	141.2
1/4	4.2	140.7
M	4.4	140.5
1/4	4.8	140.1
crb	5.7	139.2
S. L.	6.3	138.6

144.93

5+25

S.L.	5.2	139.7
crb	5.4	139.5
1/4	5.0	139.9
M.	4.4	140.5
1/4	4.0	140.9
crb	3.7	141.2
N.L	3.6	141.3

5+50 E

N.L.	4.8	140.1
crb	4.9	140.0
1/4	5.1	139.8
M	5.1	139.8
1/4	5.3	139.6
crb	5.2	139.7
S.L	4.2	140.7

5+75

S.L.	4.1	140.8
crb	5.2	139.7
1/4	5.6	139.3
M	6.5	138.4
1/4	6.9	138.0
crb	6.7	138.2
N.L.	7.1	137.8

6+00 E = W.L. Pascoe St.

N.L.	10.1	134.8
crb	10.4	134.5
1/4	9.6	135.3
M	8.7	136.2
1/4	7.0	137.9
crb	6.2	138.7
S.L.	4.2	140.7

144.93

6+15 = center Pascoe 30'st

S.L.		5.4	149.5
crb		7.6	137.3
1/4		8.4	136.5
M		10.4	134.5
1/4		12.1	132.8
crb		12.9	132.0
N.L.		12.9	132.0

6+30 E = E.L. Pascoe St 30'st

N.L.		15.1	129.8
crb		14.7	130.2
1/4	POSTED	13.8	131.1
M.		12.3	132.6
1/4		10.6	134.3
crb		8.1	136.8
S.L.		6.4	138.5

X section 1st 1/4 St from Lewis To Stockton

B.M.	2.66	292.99		290.33	
	5. Line Lewis St.				
E		292.99	4.2		288.8
ch.			4.9		288.1
1/4			5.2		287.8
c			4.7		288.3
1/4			4.6		288.4
ch.			5.0		288.0
W.			5.2		287.8
	5. Curb Lewis St.				
W.			4.9		288.1
ch			5.1		287.9
1/4			5.0		288.0
c			5.0		288.0
1/4			5.0		288.0
ch.			4.8		288.2
E			4.5		288.5

POSTED

5. 1/4 Lewis St.

E			4.7		288.3
ch.			4.8		288.2
1/4			5.0		288.0
c			5.0		288.0
1/4			5.0		288.0
ch.			5.1		287.9
W.			5.1		287.9

POSTED

Center Lewis St.

W.			5.2		287.8
ch.			5.0		288.0
1/4			4.9		288.1
c			4.9		288.1
1/4			4.8		288.2
ch.			4.8		288.2
E			4.5		288.5

N ¼ Lewis St.

E.	4.2	288.8
ct.	4.5	288.5
¼	4.6	288.4
c	4.6	288.4
¼	4.7	288.3
ct.	4.8	288.2
W.	5.1	287.9

N. Curb Lewis St.

W.	5.0	288.0
ct.	5.0	288.0
¼	4.9	288.1
c	4.9	288.1
¼	4.8	288.2
ct.	4.5	288.5
E	4.0	289.0

N Line Lewis St.

E	3.6	289.4
ct	4.3	288.7
¼	4.5	288.5
c	4.7	288.3
¼	4.9	288.1
ct.	4.9	288.1
W	4.5	288.5

25' N. Lewis St.

W.	4.1	288.9
ct.	4.6	288.4
¼	4.6	288.4
c	4.7	288.3
¼	4.6	288.4
ct.	4.3	288.7
E	3.6	289.4

50' N. Lewis St.

E.		3.4	289.6
ch.		4.2	288.8
1/4		4.3	288.7
c.		4.4	288.6
ch.		4.5	288.5
1/4		4.4	288.6
W.		3.9	289.1

75' N. Lewis St.

W.		3.9	289.1
ch.		4.1	2889
1/4		4.3	288.7
C		4.0	289.0
1/4		3.9	289.1
ch.		3.8	289.2
E		3.2	289.8

100' N. Lewis St.

E		3.1	289.9
ch.		3.8	289.2
1/4		3.6	289.4
c		3.7	289.3
1/4		4.0	289.0
ch.		3.7	289.3
W.		3.7	289.3

125 N. Lewis St

W		3.4	289.6
ch		3.4	289.6
1/4		3.4	289.6
c.		3.5	289.5
1/4		3.3	2897
ch.		3.2	289.8
E		2.6	290.4

	1+50' N. Lewis 54'			
E.		2.3		290.7
ch.		2.6		290.4
1/4		3.1		289.9
c		3.3		289.7
1/4		3.4		289.6
ch.		3.1		289.9
1/4		2.6		290.4
	1+75' N. Lewis			
1/4		2.4		290.6
ch.		2.5		290.5
1/4		3.0		290.0
c		2.7		290.3
1/4		2.5		290.5
ch.		2.4		290.6
E		1.8		291.2

	200' N. Lewis 54'			
E.		1.6		291.4
ch.		1.3		291.7
1/4		2.5		290.5
c		2.1		290.9
1/4		2.7		290.3
ch.		2.7		290.3
1/4		2.5		290.5
	2+25 N. Lewis 54'			
1/4	29299	2.5		290.5
ch.		2.7		290.3
1/4		2.6		290.4
c		2.3		290.7
1/4		1.5		291.5
ch.		1.2		291.8
E		1.4		291.6
T.P.	4.69	296.18	1.50	291.49

2+50 N Lewis St.				
E		29618	4.5	291.7
ch.			5.0	291.2
1/4			4.9	291.3
c			5.5	290.7
1/4			5.5	290.7
ch.			5.5	290.7
W			5.8	290.4

2+75 N. Lewis St.				
W.			6.1	290.1
ch.			5.7	290.5
1/4			5.5	290.7
c			5.3	290.9
1/4			4.9	291.3
ch.			4.7	291.5
E			4.2	292.0

3+00 = 5 line Broadway				50' Street
E			4.4	291.8
ch			4.8	291.4
1/4			4.8	291.4
c			5.0	291.2
1/4			4.9	291.3
ch			5.0	291.2
W			5.9	290.3

5 curb Broadway				
W.			5.5	290.7
ch			4.6	291.6
1/4			4.7	291.5
c			4.7	291.5
1/4			4.7	291.5
ch.			4.6	291.6
E			4.2	292.0

S. ½ Broadway

E	4.2	292.0
ch.	4.3	291.9
½	4.4	291.8
c	4.6	291.6
¼	4.6	291.6
ch.	4.9	291.3
W.	5.3	290.9

Center Broadway

W.	5.2	291.0
ch.	4.9	291.3
¼	4.6	291.6
c	4.6	291.6
½	4.4	291.8
ch.	4.5	291.7
E	4.3	291.9

N. ½ Broadway

E	4.0	292.2
ch.	4.5	291.7
½	4.4	291.8
c	4.7	291.5
¼	4.6	291.6
ch.	4.8	291.4
W.	5.5	290.7

N. Curb Broadway

W.	5.4	290.8
ch.	4.9	291.3
¼	4.8	291.4
c	4.6	291.6
½	4.3	291.9
ch.	4.4	291.8
E	4.0	291.8

	N. Line Broadway (50' Street)		
E.	3.6	292.6	
Ch.	4.2	292.0	
1/4	4.1	292.1	
C	4.4	291.8	
1/4	4.5	291.7	
Ch.	4.9	291.3	
W.	5.2	291.0	
	25' N. Broadway		
W.	4.6	291.6	
Ch.	4.6	291.6	
1/4	4.2	291.0	
C	4.3	291.9	
1/4	3.6	292.6	
Ch.	3.6	292.6	
E	5.0	291.2	

	50' N. Broadway		
E	4.5	291.7	
Ch.	4.5	291.7	
1/4	4.3	291.9	
C	4.3	291.9	
1/4	4.1	292.1	
Ch.	4.1	292.1	
W.	4.2	292.0	
	75' N. Broadway		
W.	3.9	292.3	
Ch.	4.1	292.1	
1/4	4.1	292.1	
C	4.5	291.7	
1/4	4.6	291.6	
Ch.	4.6	291.6	
E	5.4	290.8	

100' N. Broadway

E	6.1	290.1
ch.	5.0	291.2
1/4	4.6	291.6
c	4.3	291.9
1/4	4.0	292.2
ch.	3.9	292.3
W.	3.8	292.4

125' N. Broadway

W.	3.6	292.6
ch.	4.3	291.9
1/4	4.6	291.6
c	5.1	291.1
1/4	5.3	290.9
ch.	5.7	290.5
E	6.3	289.9

POSTED

150' N. Broadway

E.	4.6	291.6
ch.	5.4	290.8
1/4	5.8	290.4
c	5.5	290.7
1/4	4.6	291.6
ch.	4.6	291.6
W.	5.2	291.0

175' N. Broadway

W.	5.2	291.0
ch.	5.4	290.8
1/4	6.2	290.0
c	6.6	289.6
1/4	6.6	289.6
ch.	6.3	289.9
E.	6.2	290.0

POSTED

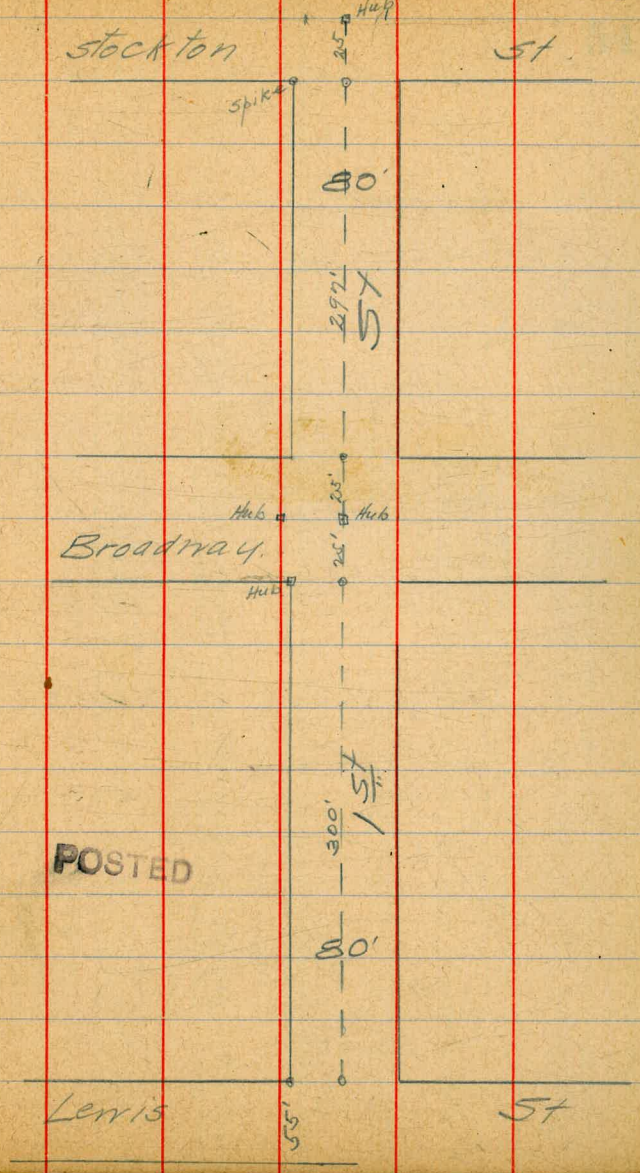
2+00 N. Broadway			
E.		6.7	289.5
ct.		7.0	289.2
1/4		6.9	289.3
c		6.6	289.6
1/4		6.4	289.8
ct.		6.3	289.9
W.		5.1	291.1
2+25' N. Broadway			
W.		6.4	289.8
ct.		6.6	289.6
1/4		6.4	289.8
c		6.6	289.6
1/4		6.8	289.4
ct.		7.1	289.1
E		6.5	289.7

2+50 N. Broadway			
E		6.4	289.8
ct.		7.1	289.1
1/4		6.9	289.3
c		6.8	289.4
1/4		6.5	289.7
ct.		6.8	289.4
W.		6.6	289.6
2+75' N. Broadway			
W.		6.8	289.4
ct.		6.8	289.4
1/4		6.6	289.6
c		6.6	289.6
1/4		7.0	289.2
ct.		7.0	289.2
E		6.4	289.8

S. line Stockton St

E	296.18	6.3		289.9
Ct		6.6		289.6
W		6.6		289.6
C		6.5		289.7
W		6.7		289.5
Ch		6.6		289.6
W		6.6		289.6
B.M. tel. pole (Spike) N.E. Cor. 1st & Broadway,		3.80	292.38	

POSTED



X-Section Alley in Blk 138 Manrasse & Schiller Add.

	+ R	H.I	− R	
B.M. Tack in N. curb		Beardsley & Logan =		41.52
B.M. 41.52	1.17	42.69	12.26	30.43
	4.16	34.59		
		34.59		

W. L. Sigsbee
34.59

N. L.			6.4	28.2
M			6.7	27.9
S. L.			6.7	27.9
		+ 25' W		
S.			7.9	26.7
M			7.6	27.0
N			7.7	26.9
		+ 50		
N			8.0	26.6
M			8.5	26.1
S			8.7	25.9
		+ 75 W		
S			9.1	25.5
M			8.5	26.1
N			8.2	26.4

POSTED

3/9/08 Dunkle Shaw Laubert

34.59

1 + 00 W

N		8.9	25.7
M		9.1	25.5
S		9.1	25.5

1 + 25' W

S		9.3	25.3
M		9.3	25.3
N		8.9	25.7
T. P.	3.02	8.64	25.95

28.97

1 + 50' W

N		3.80	25.2
M		3.9	25.1
S.		3.9	25.1

1 + 75' W

S		3.8	25.2
M		3.9	25.1
N		3.5	26.5

POSTED

	28.97		
	2+00 W		
N	3.7	25.3	
M	4.0	25.0	
S.	4.0	25.0	
	2+25' W		
S	4.2	24.8	
M	4.5	24.5	
N	4.1	24.9	
	2+50' W		
N	4.4	24.6	
M	4.6	24.4	
S	4.5	24.5	
	2+75' W		
S	4.8	24.2	
M	4.8	24.2	
N	4.5	24.5	

		3+00' W		
N		4.8	24.2	
M		5.4	23.6	
S		5.1	23.9	
		3+25' W		
S		6.8	22.2	
M		6.9	22.1	
N		5.8	23.2	
		3+50		
N		8.7	20.3	
M		9.0	20.0	
+9		8.9	20.1	
S.		7.7	21.3	
T.P.	0.80	17.55	12.22	16.75
		3+75' W		
S		1.0	16.6	
+1		2.4	15.2	
M		2.3	15.3	
N		3.0	14.6	

17.55

4+00 W

N	6.6	11.0
M	5.5	12.1
S	5.5	12.1

4+25 W

S	7.8	9.8
M	7.1	10.5
N	8.6	9.0

4+50 W

N	10.0	7.6
M	8.4	9.2
+4	9.4	8.2
S	9.6	8.0

4+70 W

S	10.2	7.4
M	9.6	8.0
+2	8.7	8.9
N	10.6	7.0

4+75

17.55

N	10.8	6.8
+4	10.7	6.9
+9	9.0	8.6
M	9.3	8.3
S	9.4	8.2

5+00

S	10.0	7.6
M	9.8	7.8
+6	11.0	6.6
N	11.0	6.6

5+25

N	10.3	7.3
M	10.6	7.0
S	10.7	6.9

5+50

S	11.8	5.8
+2	11.0	6.6
M	11.2	6.4
+3	11.7	5.9
N	11.2	6.4

17.55

5+75

N			12.0	5.6
+5			12.3	5.3
M			11.4	6.2
S			11.6	6.0

6+00 W = E.L. 16th St.

N			12.5	5.1
M			12.4	5.2
S			12.3	5.3
T.P.	7.60	15.95	9.20	8.35

1.95

B.M. Hitch post cor 16th & Logan E

POSTED

Clough Taylor Orange

Crossection of 1st St (50')
from S L of Stockton to 223' N of Stocton
for Intersection See Page 63.

Mar 14 08	4,04	296,42		292,38	Bm N E b 1st & Broadway
	4,76	294,23	6,95	289,74	Spike S W b 1st & Stocton
	S Line of Stockton (50')				
WL			4,8	289.4	
Cb			4,7	289.5	
4			4,8	289.4	
C			4,8	289.4	
4			4,5	289.7	
Cb			4,6	289.6	
EL			4,7	289.5	
	S Cb of Stocton				
EL			4,4	289.8	
Cb			4,5	289.7	
4			4,6	289.6	
C			4,5	289.7	
4			4,6	289.6	
Cb			4,6	289.6	
WL			4,6	289.6	

POSTED

		294,23		1st St
	E 1/4 of Stocton			
WL			4,5	289.7
Cb			4,1	290.1
4			4,2	290.0
C			4,4	289.8
4			4,3	289.9
Cb			4,5	289.7
EL			4,5	289.7
	Center of Stocton			
EL			4,2	290.0
Cb			4,2	290.0
4			4,2	290.0
C			4,2	290.0
4			4,1	290.1
Cb			4,2	290.0
WL			4,4	289.8

29423

N ¼ of Station

W	4.2	290.0	
bk	4.1	290.1	
4	4.0	290.2	
6	4.2	290.0	
4	4.1	290.1	
bk	4.0	290.2	
E	4.0	290.2	

N bk of Station

E	4.0	290.2	
bk	3.9	290.3	
4	4.0	290.2	
6	3.9	290.3	
4	4.1	290.1	
bk	4.2	290.0	
W	4.2	290.0	

29422

1st set

N line of Station

W	3.9	290.3	
bk	3.7	290.5	
4	3.6	290.6	
6	3.6	290.6	
4	3.7	290.5	
bk	3.8	290.4	
E	3.8	290.4	

25' N of Station

E	4.8	289.4	
bk	4.3	289.9	
4	4.0	290.2	
6	3.7	290.5	
4	3.7	290.5	
bk	3.3	290.9	
W	3.2	291.0	

		294.23		
	50'	n of	Station	
WL			3,6	290.6
bb			4,1	290.1
y			4,5	289.7
b			4,8	289.4
y			5,2	289.0
bb			5,5	288.9
EL			5,8	288.4
	75'	n of	Station	
EL			7,4	286.8
bb			7,0	287.2
y			6,7	287.5
b			6,0	288.2
y			5,6	288.6
bb			5,3	288.9
WL			4,6	289.6

		294.23		1st st
	100'	n of	Station	
WL			6,5	287.7
bb			7,0	287.2
y			7,5	286.7
b			8,5	285.7
y	POSTED		8,7	285.5
bb			9,3	284.9
EL			9,4	284.8
	125'	n of	Station	
EL			11,8	282.4
bb			11,8	282.4
y			10,8	283.4
b			10,0	284.2
y			9,6	284.6
bb			9,5	284.7
WL			9,0	285.2
TP	0,30	284,6	12,37	281,86

		282.16		
	150'	n of	Stacton	
WL			0,4	281.8
bb			1,5	280.7
y			2,0	280.2
b			2,4	279.8
y			3,7	278.5
bb			4,5	277.7
EL			5,2	278.0
	175'	n of	Stacton	
EL			10,5	271.7
bb			9,0	273.2
y			8.4	273.8
b			8.1	274.1
y			6,6	275.6
bb			5,8	276.4
WL			5,2	277.0
TP	0,38	271.17	11,37	270.79

		271.17		1st st
	200'	n of	Stacton	
WL			0,6	270.6
bb			2,3	268.9
y			2,7	268.5
b			3,6	267.6
y			4,7	266.5
bb			5,7	265.5
EL			6,3	264.9
	223'	n = Pueblo Line		
EL			14.8	256.4
bb			13.5	257.7
y			12,0	259.2
b			11,0	260.2
y			9,5	261.7
bb			8,4	262.8
WL			6,8	264.4

Crossection of Intersection of Stockton (50') 1st St (80')

	5.12	294.49		289.47	Sh S W Cor 1st + Stockton
WL			5,0	289.5	
bb			5,0	289.5	
"			5,0	289.5	
b			4,9	289.6	
"			5,0	289.5	
bb			4,9	289.6	
EL			4,6	289.9	
	S bb of Stockton				
EL			4,7	289.8	
bb			4,7	289.8	
"			4,7	289.8	
bb			4,9	289.6	
"			4,9	289.6	
bb			4,8	289.7	
WL			4,9	289.6	

294.49 1st St

S ¼ of Stockton

WL			4,7	289.8
bb			4,3	290.2
"			4,6	289.9
b			4,7	289.8
"			4,8	289.7
bb			4,6	289.9
EL			4,4	290.1
	Center of Stockton			
EL			4,3	290.2
bb			4,2	290.3
"			4,4	290.1
bb			4,5	290.0
"			4,5	290.0
bb			4,4	290.1
WL			4,6	289.9

294.49

N 1/4 of Stockton

WL		4,4	290.1
bh		4,2	290.3
4		4,4	290.1
b		4,1	290.4
4		4,2	290.3
bh		4,0	290.5
EL		4,2	290.3

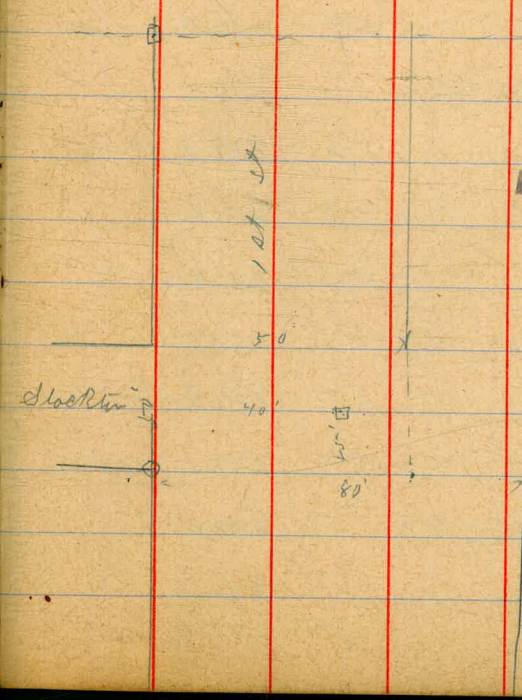
N bh of Stockton

EL		4,4	290.1
bh		4,1	290.4
4		4,0	290.5
b		4,0	290.5
4		4,0	290.5
bh		4,5	290.0
WL		4,5	290.0

294.49 1st st

N Line of Stockton

WL		4,3	290.2
bh		3,9	290.6
4		3,8	290.7
b		4,1	290.4
4		4,1	290.4
bh		4,3	290.2
EL		4,9	289.6



POSTED

3/16/08 {Hatch, Williams, Emery

Xsections . Spruce St.

4th - 1st

POSTED

BM. 4th Redwood. 323		276.62		273.395
	WL 4th			
S			5.2	271.4
cb			5.2	271.4
1/4			4.7	271.9
C			4.2	272.4
1/4			4.4	272.2
cb	Cement		3.77	272.9
	25' W.			
N			3.9	272.7
cb			4.8	271.8
1/4			4.6	271.8
+3			3.5	273.1
C			3.7	272.9
+4			4.5	272.1
1/4			5.1	271.5
cb			5.2	271.4
S			5.4	271.2

		276.62		
	50' W			POSTED
S			10.7	265.9
+7			5.1	271.5
cb			5.0	271.6
1/4			4.9	271.7
+10			4.5	272.1
C			2.8	273.8
+10			3.1	273.5
1/4			4.3	272.3
cb			4.6	272.3
N			3.8	272.8
	75' W			
N			4.0	272.6
cb			4.8	271.8
1/4			4.4	272.2
+4			2.4	274.2
C			2.5	274.5

S drops at same slope at to sta +7'

		276.62			
+3			4.5	272.1	
1/4			4.9	271.7	
cb.			5.0	271.6	
+10			5.0	271.6	
S			8.9	265.7	S drops 1.5 in 5' Then Level
	100' W.				
S			8.5	268.1	S. Level 100' W = end of Hole
+1			4.3	272.3	
cb			5.1	271.5	
1/4			4.9	271.7	
+9			4.7	271.9	
C			2.3	274.3	
+10			2.3	274.3	
1/4			4.3	272.3	
cb			4.6	272.0	
N			3.7	272.9	

		276.62			
		125' W			
N			2.3	274.3	
+5			4.2	272.4	
cb			4.8	271.8	
1/4			4.6	272.0	
+4			1.7	274.9	
C			2.0	274.6	
+4			4.2	272.4	
1/4			5.0	271.6	
cb			4.4	272.2	
S			4.6	272.0	
	150' W				
S			4.5	272.1	
cb.			4.5	272.1	
1/4			4.7	271.9	
+9			4.0	272.6	
C			1.3	275.3	

From 125' W to 200' W S. side is 4' lower at 0.5 S. of Line and Then Level.

		276.62			
+9			1.2	275.4	
1/4			4.4	272.2	
cb			4,8	271.8	
+10			4,3	272.3	
N			2.0	274.6	
	175' W				
N			1.6	275.0	
+1'			3.3	273.3	
cb			4.7	271.9	
1/4			4.6	272.0	
+6			0.8	275.8	
C			0.9	275.7	
+3			3.1	273.5	
1/4			4.1	272.5	
cb			5.9	270.7	
S			5.3	271.3	
	195' W				
N cb			4.6	272.0	
N			3.1	273.5	

		276.62			
	200' W = EL 3d				
S			4.9	271.7	
cb			5.0	271.6	
+10			4.9	271.7	
1/4			2.9	272.7	
+11			1.4	275.2	
C			0.6	276.0	
+9			0.5	276.1	
1/4			3.5	273.1	
cb			4.3	272.3	
+8			2.5	274.1	
N			+0.4	277.0	
BM 2d Spring 6.65		278.53		271.88	See, P. 68
	E cb 3d				
N			1.6	277.9	
cb			2.5	276.0	
1/4			2.4	276.1	

+11	2.2	276.3	
C	2.6	275.9	
+8	3.6	274.9	
1/4	3.2	275.3	
cb	2.4	276.1	
S	1.8	276.7	
E 1/4 3d			
S	2.5	276.0	
cb	2.8	275.8	
1/4	3.5	275.0	
+5	3.6	274.9	
C	2.4	276.1	
+3	2.0	276.5	
+10	2.1	276.4	
1/4	3.0	275.5	
cb	2.6	275.9	
N	2.1	277.4	

275.3

5' W of El. 3d

N	1.3	278.2
cb	2.2	276.3
+10	2.7	275.8
1/4	2.2	276.3
C	2.2	276.3
+6	4.0	274.5
1/4	3.0	275.5
cb	2.6	275.9
S	2.4	276.1
cr. 3d		
S	2.6	275.9
cb	3.1	275.4
1/4	3.7	274.8
+5	3.5	275.0
C	2.2	276.3
1/4	2.1	276.4

cb		2.4	276.1
N		1.6	277.9
	W 1/4 3d		
N		2.1	276.4
cb		2.8	275.7
1/4		2.2	276.3
C	POSTED	2.3	276.2
+7		3.5	275.0
1/4		3.8	274.7
cb		3.3	275.2
S		2.9	275.6
	W cb 3d		
S		3.0	275.5
cb		3.4	275.1
1/4	S	3.8	274.7
+6		3.6	274.9
C		2.2	276.3

275.53

1/4		2.1	276.4
cb		2.9	275.6
N		1.8	276.7
	W L. 3d		
N		1.4	279.1
+4'		2.5	276.0
1/a	POSTED	2.7	275.8
a		2.3	276.2
1/4		2.3	276.2
+4		3.6	274.9
1/4		3.7	274.8
cb		3.4	275.1
+6		2.9	275.6
S		1.9	276.6
	50' W		
S		2.5	276.0
cb.		3.1	275.4
1/4		3.0	275.5
C		3.0	275.5

1/4			3.0	275.5
cb			3.0	275.5
N.			2.9	275.6
	100 W			
N.			3.5	275.0
cb			3.2	275.3
1/4			3.4	275.1
c			3.5	275.0
1/4			3.6	274.9
cb			3.8	274.7
S			3.8	274.7
	150 W			
S			4.4	274.1
cb			4.9	273.6
1/4			4,0	274.5
c			4,3	274.2
1/4			4.1	274.4
cb			3.6	274.9
S			3.5	275.0

2785-3

30 W of 2nd St.

N.			7.4	271.5
cb			7.7	270.8
1/4			7.7	270.8
+6			8.2	270.3
c			7.8	270.7
+5			7.2	271.3
1/1			7.0	271.5
cb.			7.3	271.2
S			7.1	271.4
	50 W			
S			7.9	270.6
cb			7.8	270.7
1/4			7.9	270.6
+7			8.1	270.4
c			9.3	269.2
+6			10.0	268.5

		278.53		
1/4		8.7	269.8	
cb		8.4	270.1	
N		8.2	270.3	
	75' W			
N		9.2	269.3	
cb		9.7	268.8	
1/4		10.8	267.7	
+6		12.2	266.3	
C		11.1	267.4	
+7		10.0	268.5	
1/4		9.7	268.8	
cb.		9.5	269.0	
S		9.0	269.5	
TP	0.12	267.94	10.71	267.82
	100' W			
S		0.4	267.5	
cb.		1.9	266.0	

		267.94		
1/4		2.5	265.4	
+9		2.6	265.3	
C		3.7	264.2	
+6		4.1	263.8	
1/4		2.4	265.5	
cb		1.5	266.4	
N		0.9	267.0	
	125' W			
N		3.3	264.6	
cb.		4.5	263.4	
1/4		5.6	262.3	
+7		6.5	261.4	
C		6.2	261.7	
1/4		5.7	262.2	
cb		5.3	262.6	
S		4.1	263.8	

	267.94			
	130 W			
S		9.6	258.3	
b		10.1	257.8	
1/4		10.0	257.9	
c		9.5	258.4	
+5		9.5	258.4	
1/4		9.1	258.8	
b		8.6	259.3	
N		8.2	259.7	
	175 W			
N		10.6	257.3	
b		11.9	256.0	
1/4		12.2	255.7	
+8		12.2	255.7	
c		12.4	255.5	
1/4		13.8	254.1	
b		14.0	253.9	
S		12.2	255.7	

	267.94			
T.P	0.84	256.96	12.02	255.92
	El 1st			
S			3.2	264.7
+7			4.0	263.9
b			4.2	263.7
1/4			5.7	262.2
c			3.9	264.0
1/4	inside Rail of Curve		3.6	264.3
b			3.4	264.5
+3	POSTED		1.0	266.9
S			1.4	266.5

6 Hatch
1 Moore
9 Thomas

Xsec. H St. from 400' E of 33d St to Pasco St.

BM	Sw Cor 33d - H. spike Fence Post	4.50	42.76	38.26	
	POSTED				
Fonebook 863-p69		400' E of 33d (Continued from P26)			
N.			3.2	39.6	
cb			3.3	39.5	
1/4			3.0	39.8	
c			3.3	39.5	
1/4			7.3	35.5	
cb			7.7	35.1	
s			7.5	35.3	
		425			
s			8.9	33.9	
cb			8.4	34.4	
1/4			7.8	35.0	
c			7.2	35.6	
1/4			4.7	38.1	
T.P.	9.99	47.66	5.09	37.67	

		47.66			
cb			8.2	39.5	
N			7.5	40.2	
		450			
N			7.5	40.2	
cb			12.7	35.0	
1/4			13.4	34.3	
c			13.2	34.5	
1/4			12.4	35.3	
cb			12.0	35.7	
s			14.7 10.6	33.0 37.1	
		475			
s			8.9	38.8	
cb			9.8	37.9	
1/4			11.3	36.4	
c			12.1	35.6	
1/4			13.2	34.5	
cb			13.3	34.4	
N			12.8	34.9	

47.66

500

N	13.6	34.1
ob	13.1	34.6
1/4	11.5	36 ✓
c	10.0	37.7
1/4	9.1	38.6
ob	9.1	386
S	9.0	38.7

525

S	8.4	39.3
ob	8.4	39.3
1/4	8.5	39 ✓
c	8.8	38.9
1/4	9.7	38.0
ob	10.8	36.9
N	11.5	36.2

47.66

550

N	10.4	37.3
ob	9.8	37.9
1/4	8.4	39 3
c	8.1	39.6
1/4	8.3	39.4
ob	7.8	39.9
S	7.8	39.9

575

S	8.0	39.7
ob	7.7	40.0
1/4	7.4	40 3
c	7.1	40.6
1/4	7.4	40.3
ob	7.5	40 ✓
N	9.4	38.3

4766

Sec A = 600 (See Sketch P 81)

N			6.9	40.8
cb			6.0	41.7
1/4			5.6	42.1
c			5.2	42.5
1/4			6.0	41.7
cb			4.2	43.5
S			2.7	45.0

Sec B = { 6 29 3 South Line / 6 33 3 North " } = 00

S			+0.3	48.0
cb			0.7	47.0
1/4			2.7	45.0
c			2.0	45.7
1/4			2.7	45.0
cb			3.9	43.8
N			4.4	43.3
T.P	11.87	5870	083	46.83

5870

Sec C. 25'

N	9.7	49.0	
cb	8.8	49.9	
1/4	9.2	49.5	
c	9.4	49.3	
1/4	13.6	46.1	
cb	9.5	49.2	
S	9.2	49.3	

50'

S	7.1	√1.6
cb	8.1	5-0.6
1/4	11.2	47.5
c	7.2	√1.√
+5	4.8	53.9
1/4	4.9	53.8
cb	5.0	53.7
N	3.9	5-4.8
	1.6	√7.1

75'

N	+3.2	61.9
+5	2.0	5-6.7
cb	1.7	5-7.0
1/4	1.1	57.6
c	5.1	√3.6
1/4	9.5	49.2
+4	10.3	48.4
cb	6.7	52.0
S	9.1	√4.6

5870

T.P.	10.74	69.19	0.25	58.45	
		100			
S			10.1	59.1	
ch.			15.2	54.0	
1/a			18.9	50.3	
c			14.9	54.3	
1/a			8.8	60.4	
cb.			9.9	59.8	
N			3.1	66.1	
		175			
N			0.5	68.7	
+			6.2	63.0	
cb.			5.6	63.6	
+5			5.8	63.4	
1/4			9.7	59.5	
c			17.0	52.2	
1/4			13.8	55.4	
cb			12.1	57.1	
S			8.3	60.9	
		150			
S			3.2	66.0	
cb			5.3	60.4	
1/a		69.19	11.2	58.0	
c			15.8	53.4	
1/4			9.8	59.4	
cb			3.5	65.7	
N			4.0	64.2	
		175			
N			1.4	67.8	
+c			1.2	68.0	
cb			3.2	66.0	
1/a			10.0	59.2	
+5			13.1	56.1	
c			12.0	57.2	
1/4			5.8	63.4	
cb			3.0	66.2	
S			0.5	68.7	

69.19

300'

S			+3.8	73.0
cb			0.7	68.5
1/a			3.7	65.5
c			9.0	60.2
+5			10.9	58.3
1/4			10.7	58.5
cb			3.0	66.2
+5			+0.3	69.5
N			+0.6	69.8
T.P.	10.50	79.58	0.11	69.08
		225' E		
N			7.1	72.5
+3			7.3	72.3
cb			12.2	67.4
1/4			19.1	60.5
+5			18.8	60.8
c			16.0	63.6
1/4			11.8	67.8
cb			8.9	70.7
S			5.3	74.3
		250 E		
S			4.0	75.6
cb			7.5	72.1
1/4			11.0	68.6
c			15.7	63.9
+5			18.0	61.6
1/4			13.8	65.8
cb			8.4	71.2
+7			3.9	75.7
N			3.7	75.9
		295 E		
N			0.1	79.5
+0.3			0.8	79.6
cb			4.5	75.1
1/4			10.1	69.5
c			16.4	63.2
1/4			9.4	70.2
cb			5.2	74.4
S			1.6	78.0

		79.58		
		300'E		
S			0.6	79.0
cb			4.3	75.3
1/4			8.3	71.3
c			13.8	65.8
1/4			8.0	71.6
cb			2.3	77.3
T.P	13.00	92.04	0.54	79.04
+6			10.4	81.6
N			10.2	81.8
		325'E		
N			7.6	84.4
+4			7.9	84.1
cb			12.3	79.7
1/4			18.2	73.8
c			20.8	71.2
1/4			21.3	70.7
cb			16.9	75.1
S			12.3	79.7
		350'E		
S			10.1	81.9
cb			15.4	76.6
1/4			21.0	71.0
+4			21.4	70.6
c			16.9	75.1
1/4			14.8	77.2
cb			9.6	82.4
+5			5.2	86.8
N			5.2	86.8
		375'E		
N			2.5	89.5
+5			2.5	89.5
cb			5.9	86.1
1/4			10.6	81.4
c			15.2	76.8
1/4			17.5	74.5
+5			19.5	72.5
cb			16.2	75.8
S			11.2	80.8

		92.04		
		400'E	(sec D)	
S			10.0	82.0
cb			14.0	78.0
1/4			15.5	76.5
c			12.2	79.8
1/4			9.3	82.7
cb			3.8	88.2
+4			0.4	91.6
N			0.2	91.8
	Sec (D) = WL 35th		(see sketch)	
N			+0.5	92.5
+6			0.0	92.0
cb			3.4	88.6
1/4			8.7	83.3
c			11.2	80.8
1/4			13.2	78.8
+5			13.9	78.1
cb			12.2	79.8
S			9.5	82.5
	W cb. 35th			
S			8.1	83.9
cb			10.4	81.6
1/4			13.0	79.0
c			10.6	81.4
1/4			7.3	84.7
cb			1.5	90.5
+3			+1.0	93.0
N			+1.6	93.6
	W 1/4 35th			
N			+2.7	94.7
+7			+2.3	94.3
cb			0.3	91.7
1/4			7.3	84.7
c			10.4	81.6
1/4			11.2	80.8
cb			10.1	81.9
S			7.2	84.8

		92.04			
		Cr. 35th			
S			4.5	87.5	
cb			8.8	83.2	
1/4			9.4	82.6	
C			11.0	81.0	
1/4			6.8	85.2	
cb			0.3	91.7	
+6			+3.0	95.0	
N			+3.3	95.3	
		E 1/4 35th			
N			+4.3	96.3	
+6			+3.8	95.8	
cb			1.6	90.4	
1/4			7.5	84.5	
C			9.3	82.7	
1/4			8.6	83.4	
cb			6.7	85.3	
S			1.5	90.5	
T.P	11.75	103.41	0.38	91.66	
		E Cb. 35th			
S			9.8	93.6	
cb			16.2	87.2	
1/4			19.0	84.4	
C			19.5	83.9	
1/4			19.1	84.3	
cb			13.5	89.9	
+11			6.1	97.3	
N			6.3	97.1	
		E. 35th (Merritt)			
N			6.0	97.4	
cb			15.4	88.0	
1/4			18.6	84.8	
C			19.0	84.4	
1/4			18.0	85.4	
cb			11.6	91.8	
(N) S			5.76	97.65	

5/2/09	Hatch	103.41			
	Moore				
	Thomas	25 E of 35th			
S			0.9	102.5	
cb			7.4	96.0	
1/4			13.9	89.5	
+5			17.0	86.4	
C			16.7	86.7	
1/4			16.2	87.2	
cb			14.8	88.6	
N			13.0	90.4	
		50' E			
N			11.9	91.5	
cb			13.9	89.5	
1/4			14.5	88.9	
C			15.1	88.3	
+5			14.7	88.7	
1/4			8.3	95.1	
cb			3.2	101.2	
S			+2.4	105.8	
	12.34	110.24		97.90	
		75' E.			
S			4.8	105.4	
cb			8.4	101.6	
1/4			13.0	97.2	
+6			19.2	91.0	
C			18.6	91.6	
1/4			19.5	90.7	
cb			18.9	91.3	
N			17.3	92.9	
		100' E			
N			16.2	94.0	
cb			15.1	95.1	
1/4			16.2	94.0	
C			16.1	94.1	
1/4			15.5	94.7	
+6			15.7	94.5	
cb			14.1	96.1	
S			7.1	103.1	
		125' E			
S			11.7	98.5	
cb			12.6	97.6	
1/4			12.6	97.6	

		110.24			
C			12.2	98.0	
1/a			9.7	100.5	
cb			7.8	102.4	
N			7.7	102.5	
		150' E			
N			40.8	111.0	
cb			0.7	109.5	
1/4			3.7	106.5	
C			7.4	102.8	
1/4			8.8	101.4	
cb			9.0	101.2	
S			8.9	101.3	
		175' E			
S			4.1	106.1	
cb			4.0	106.2	
1/4			2.6	107.6	
T.P.	12.59	122.26	3.57	109.67	
C			12.70	109.6	
1/4			11.5	110.8	
cb			9.2	113.1	
N			7.9	114.4	
		200' E			
N			2.6	119.7	
cb			5.1	117.2	
1/4			5.2	117.1	
C			7.1	115.2	
1/4			10.1	112.2	
cb			9.1	113.2	
S			9.0	113.3	
		210' E			
S			6.9	115.4	
cb			4.3	118.0	
1/4			2.8	119.5	
C			1.8	120.5	
1/a			0.9	121.4	
cb			0.3	122.0	
TP	12.94	135.08	0.12	122.14	
N			11.4	123.7	

		135.08			
		325' E			
N			10.4	124.7	
cb			11.2	123.9	
1/a			12.0	123.1	
C			12.3	122.8	
1/4			12.9	122.2	
cb			14.2	120.9	
S			16.5	118.6	
		250' E			
S			13.0	122.1	
cb			12.3	122.8	
1/a			11.5	123.6	
C			10.8	124.3	
1/a			9.7	125.4	
cb			8.8	126.3	
N			8.6	126.5	
		275' E			
N			6.55	129.6	
cb			7.8	127.8	
1/a			7.2	126.9	
C			8.7	126.4	
1/a			9.5	125.6	
cb			10.1	125.0	
S			9.8	125.3	
		300' E			
S			7.7	127.4	
cb			6.9	128.2	
1/a			6.4	129.7	
C			4.9	130.7	
1/a			3.9	131.2	
cb			3.4	131.7	
N			2.8	132.3	
T.P.	1.47	145.60	0.65	134.43	
		325' E			
N			9.7	135.9	
cb			10.7	134.9	
1/a			11.4	134.2	
C			12.3	133.3	
1/4			12.6	133.0	

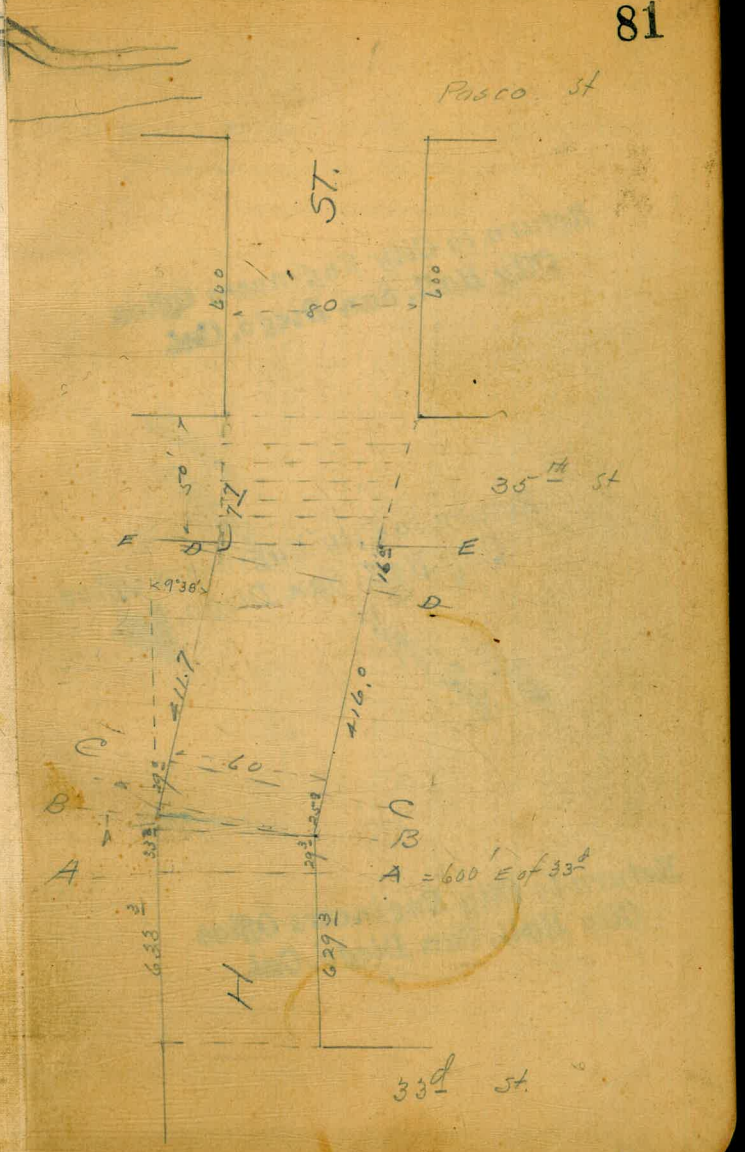
	1430		
cb		13.6	132.0
S		15.3	130.3
	350 E		
S		13.3	132.3
cb		11.9	133.7
1/c		10.7	134.9
c		9.6	136.0
1/c		8.7	136.9
cb		7.1	138.5
N		6.9	138.7
	375 E		
N		5.2	140.4
cb		5.8	139.8
1/c		7.0	138.6
c		8.2	137.4
1/c		8.9	136.7
cb		10.2	135.4
S		11.6	134.0
	400 E		
S		10.8	134.8
cb		9.4	136.2
1/c		8.4	137.2
c		7.0	138.6
1/c		6.2	139.4
cb		5.3	140.3
N		4.3	141.3
	425 E		
N		3.1	142.5
cb		3.6	142.0
1/c		4.6	141.0
c		6.3	139.3
1/c		7.5	138.1
cb		8.7	136.9
S		9.6	136.0

	1450		
	450 E		
S		8.0	137.6
cb		7.4	138.2
1/c		6.8	138.8
c		5.8	139.8
1/c		5.1	140.5
cb		3.8	141.8
N		2.8	142.8
	475 E		
N		2.9	142.7
cb		4.1	141.5
1/c		4.7	140.9
c		5.5	140.1
1/c		6.0	139.6
cb		7.0	138.6
S		7.6	138.0
	500 E		
S		6.9	138.7
cb		6.2	139.4
1/c		5.4	140.2
c		5.1	140.5
1/c		4.8	140.8
cb		4.2	141.4
N		3.2	142.4
	525 E		
N		4.2	141.4
cb		4.4	141.2
1/c		4.6	141.0
c		5.2	140.4
1/c		5.7	139.9
cb		6.1	139.5
S		5.8	139.8
	550 E		
S		8.0	140.6
cb		6.1	139.5
1/c		6.1	139.5

14560

C		5.8	139.8
1/4		5.7	139.9
CS		5.5	140.1
N		5.5	140.1
	5.75 E		
N		7.8	137.8
CS		7.5	138.1
1/4		7.5	138.1
C		7.1	138.5
1/4		6.2	139.4
CS		5.9	139.7
S		4.9	140.7
	600' E = N2. Pasco.		
S		4.91	140.69 Hub
CS		7.0	138.6
1/4		7.7	137.9
C		9.6	136.0
1/4		10.4	135.2
CS		11.1	134.5
N		10.8	134.8

POSTED



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DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

	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.