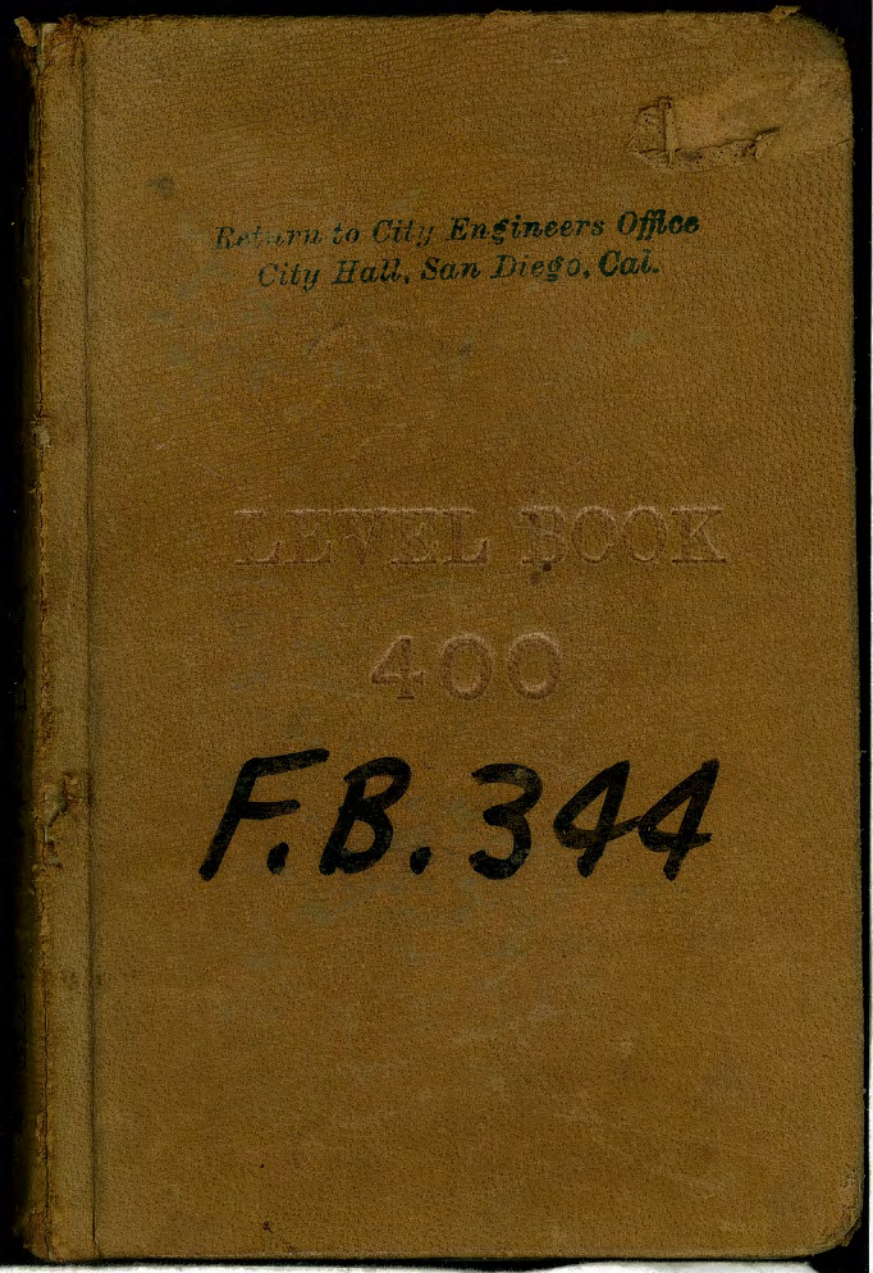
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City Hall, San Diego, Cal.
LEVEL BOOK
400
F.B. 344

FB # 344 PAGE

WILLOW St., 24th to N. END. X-SECTION (CONT. FROM FB 338) 1-19

ELM ST. NEW MAIN St. - 20-77
to N. END. X-SECTION
(CONT. to BOOK 363)

EVERGREEN St. & BYRON St.; CULVERT. - 78

H. S. CROCKER COMPANY

DRAWING MATERIALS AND SURVEYING INSTRUMENTS

SAN FRANCISCO

344

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

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FROM
Loring's Book Store

Clough Taylor Dranga	Crossection of Willow st (70')				
	24th st to N End				
	Continued		from	Book	338
May 08		165.03	"	"	"
	N Line of		24th	st (70')	(Xenephon) Bm NW to 24th Willow
WL			10.22	154.81	
bl			10.1	~~144.7~~	
"			10.9	~~153.9~~	
b			11.6	153.4 ~~143.2~~	
"			12.2	~~142.6~~	
bl			12.4	~~142.4~~	
EL			12.3	152.7 ~~142.5~~	
TP	0.16	154.97	10.22	154.81	
	50'	N of	24th	st	
EL			7.2	147.8	
bl			7.1	147.9	
"			7.0	148.0	
b			6.0	149.0	
"			5.8	149.2	
bl			5.5	149.5	
WL			5.4	149.6	

POSTED

		154.97		
	75'	n of	24 ct	st
WL			8,4	146.6
bb			8,8	146.2
y			9,2	145.8
b			9,6	145.4
y			10,0	145.0
bb			10,4	144.6
EL			10,7	144.3
T.P.	2,42	145,26	12,13	142.84
	100'	n of	24 ct	st
EL			5,1	140.2
bb			4,9	140.4
y			4,2	141.1
b			3,4	141.9
y			2,8	142.5
bb			2,0	143.3
WL			1,8	143.5

		145.26		Willow st
	125'	n of	24 ct	st
WL			7,5	137.8
bb			8,3	137.0
y			8,4	136.9
b			8,3	137.0
y			9,0	136.3
bb			9,4	135.9
EL			10,1	135.2
T.P.	2,55	135,63 ✓	12,18	133,08
150'	n of	24 ct	st	
EL			7,6	128.0
bb			7,2	128.4
y			6,8	128.8
b			6,6	129.0
y			5,8	129.8
bb			4,6	131.0
WL			4,0	131.6

	175'	n of	24th	st
WL			8,7	127.9
bk			11,0	124.6
y			11,4	123.8
b			12,0	123.6
y			12,2	123.4
bk			14.0	121.6
EL			16.0	119.6
TP	3,96	127,39	12,0	123.3
	195'	n of	24th st	
EL		127.4	13,0	114.4
bk			13,0	114.4
y			10,5	116.9
b			9,5	117.9
y			9,2	118.2
bk			7,5	120.9
WL			5,8	127.6

135.63

	200'	n =	SL of	25th	Willow st Garage (70')
WL		127.4	4,0	123.4	
bk			4,7	122.7	
y			5,2	122.2	
b			6,5	120.9	
y			7,4	120.0	
bk			9,2	118.2	
EL			11.1	116.3	
	5 bk	of	25th	st	
EL			8,6	118.8	
bk			7,2	120.2	
y			5,7	121.7	
b			4,6	122.8	
y			3,5	123.9	
bk			2,8	124.6	
WL			2,0	125.4	
TP	1x.08	138,56	0.91	126.48	

127.39

		138.56		
	S 1/4	of	25 ft	st
WL		138.6	10.3	128.3
bb			10.8	127.8
y			11.7	126.9
b			12.7	125.9
y			13.7	124.9
bb			15.4	123.2
EL			15.4	123.2
	center of		25 ft	st
EL			13.5	125.1
bb			12.5	126.1
y			12.0	126.6
b			11.2	127.4
y			9.4	129.2
bb			8.6	130.0
WL			7.7	130.9

		138.56		Willow st
	N 1/4	of	25 ft	st
WL		138.6	5.0	133.6
bb			5.4	133.2
y			6.2	132.4
b			7.1	131.5
y			7.4	131.2
bb			9.4	129.2
EL			10.4	128.2
	N bb	of	25 ft	st
EL			7.4	131.2
bb			6.8	132.8
y			5.5	133.1
b			4.8	133.8
y			3.7	134.9
bb			2.8	135.8
WL			2.0	136.6
TP	9.72	147.47 ✓	0.81	137.75

14747

	N 2 of		25-ft	at
W2		147.5	8,1	139.4
bk			8,7	138.8
4			9,9	137.6
b			10,5	137.0
4			11,5	136.0
bk			12,5	135.0
E2			13,5	134.0
	25'	n of	25-ft	at
E2		147.5	9,1	138.4
bk			8,3	139.2
4			7,5	140.0
b			6,5	141.0
4			5,8	142.7
bk			4,9	142.6
W2			4,4	143.1

14747

Willow st

	50'	n of	25-ft	at
W2		147.5	2,5	145.0
bk			3,0	144.5
4			3,7	143.8
b			4,3	143.2
4			5,0	142.5
bk			5,8	141.7
E2			6,3	141.2
	100'	n of	25-ft	at
E2			4,7	143.3
bk			3,3	144.2
4			2,8	144.7
b			2,2	145.3
4			1,5	146.0
bk			0,8	146.7
W2			0,5	147.0
TP	2,36	14930	0,53	146.94

		14930		
	150'	n of	25th	st
WL			3,0	146.3
bh			3,4	145.9
y			3,9	145.4
b			4,4	144.9
y			4,8	144.5
bh			5,1	144.2
EL			5,3	144.0
	200'	n =	S L	Zouch 26th st (70')
EL			6,5	142.8
bh			6,0	143.3
y			5,5	143.8
b			5,0	144.3
y			4,8	144.5
bh			4,8	144.5
WL			4,4	144.9

		14930		Willow st
	S bh	of	26th	st
WL			7,9	144.4
bh			5,2	144.1
y			5,6	143.7
b			5,6	143.7
y			5,8	143.5
bh			6,4	142.9
EL			7,0	142.3
	S 1/4	of	26th	st
EL			7,3	142.0
bh			7,2	142.1
y			6,8	142.5
b			6,4	142.9
y			6,0	143.3
bh			5,6	143.7
WL			5,5	143.8

		149.30					149.30		Willow st	
	Center of		26th	st		N bk	of	26th	st	
WL			6,3	143.0	WL			8,2	141.1	
bk			6,6	142.7	bk			8,4	140.9	
"			6,8	142.5	"			8,6	140.7	
b			7.1	142.2	b			9,0	140.3	
"			7,5	141.8	"			9,3	140.0	
bk			7,8	141.5	bk			9,2	140.1	
EL			8,0	141.3	EL			9,4	139.9	
	N 1/4 of		26th	st		N L	of	26th	st	
EL			8,7	140.6	EL			10,2	139.1	
bk			8,4	140.9				10,1	139.2	
"			8,1	141.2	"			10,0	139.3	
b			7,9	141.4	b			9,7	139.6	
"			7,6	141.7	"			9,6	139.7	
bk			7,4	141.9	bk			9,3	140.0	
WL			7,2	142.1	Tp WL	1,57	141.66	9,21	140,09	BM 2 W H 26th & W

		141.66		
	25'	n of	26 ch	st
WL		141.7	4,7	137.0
bl			5,1	136.6
y			5,6	136.1
b			5,6	136.1
y			5,5	136.2
bl			5,5	136.2
EL			5,5	136.2
	50'	n of	26 ch	st
EL			7,2	134.5
bl			7,6	134.1
y			7,6	134.1
b			7,4	134.3
y			7,8	133.9
bl			8,4	134.5
WL			8,4	134.5

		141.66		Willow st
	75'	n of	26 ch	st
WL			12,7	129.0
bl			12,7	129.0
y			12,0	129.7
b			11,8	129.9
y			11,6	130.1
bl			11,5	130.2
EL			11,0	130.7
TP	2,66	132,34	11.98	129.68
	100'	n of	26 ch	st
EL			4,9	127.4
bl			5,4	126.9
y			5,6	126.7
b			7,6	124.7
y			8,2	124.1
bl			9,0	123.3
WL			9,4	122.9
TP	0.95	121.01	12,28	120.06

		121.01			
	125'	n of	26 ft	st	
WL			4,8	116.2	
bl			4,0	117.0	
y			2,0	119.0	
b			1,0	120.0	
y			0,0	121.0	
bl			+1,0	122.0	
EL			+2,0	123.0	
	150'	n of	26 ft	st	
EL			5,8	115.2	
bl			6,6	114.4	
y			7,4	113.6	
b			8,7	112.3	
y			10,7	111.3	
bl			12,0	109.0	
WL			13,7	107.3	
TP	3,34	111.87	12.48	108.53	150'
TP	0,0	99.90	11.97	99.90	Rock

		99.90		Willow st	
	190'	n of	26 ft	st	
WL			12,0	87.9	
bl			11,5	88.4	
y			9,8	90.1	
b			8,2	91.7	
y			5,0	94.9	
bl			3,0	96.9	
EL			2,0	97.9	
	200'	n =	S of	alcott 27 ft	(70')
EL			8,1	91.8	
bl			9,8	90.1	
y			11,0	88.9	
b			15,0	84.9	
y			10,0	89.9	
bl			8,0	91.9	
WL			5,6	94.3	

		99.90			
	S bk	of	27th	Alcott st	
WL			1,3	98.6	
bk			2,8	97.1	
y			7,0	92.9	
b			11,0	88.9	
y			16,0	83.9	
bk			16,0	83.9	
EL			15.5	84.4	
	S 1/4	of	27th	st	
EL			12,7	87.2	
bk			10,8	89.1	
y			7,0	92.9	
b			2,0	97.9	
TP	10.50	110.40 ✓		99.90	PH on Pump at 150
y			10.6	99.8	
bk			8,7	101.7	
WL			7.5	102.?	

		110.40		Willow st	
	Center	of	27th	st	
WL			3,4	107.0	
bk			4,8	105.6	
y			7,0	103.4	
b			8,6	102.8	
y			12,4	98.0	
bk			15,0	95.4	
EL			19.4	91.0	
	N 1/4	of	27th	st	
EL			16,0	94.4	
bk			12,6	98.8	
y			9,0	101.4	
b			6,0	104.4	
y			3,8	106.6	
bk			1,8	108.6	
WL			0,5	109.9	

		110.40			
	n of		27th	st	
EL			10,0	109.4	
bb			10,1	109.3	
y			7,2	103.2	
b			4,4	106.0	
y			1.5	108.9	
Tbb	10.67	119.71 ✓	1.36	109.04	
bb			8,7	111.0	
WL			7,2	112.5	
	N L	of	27th	st	
WL			5,8	113.9	
bb			7,1	112.6	
y			8,6	111.1	
b			11,3	108.4	here
y			14,0	105.7	
bb			15,4	104.3	
EL			15,3	104.2	

		119.71		Willow st	
	25'	n of	27th	st	
EL			9,8	109.9	
bb			9,0	110.7	
y			8,2	111.5	
b			7,0	112.3	
y			5,3	114.4	
bb			3,6	116.1	
WL			2,6	117.1	
	50'	n of	27th	st	
WL			0,0	119.7	
bb			1,0	118.7	
y			2,3	117.4	
b			3,2	116.5	
y			4,1	115.6	
bb			4,6	115.1	
EL			5,0	114.7	

		119.71		
	75'	n.f	27 it	st
Et			1,4	118.3
bh			1,0	118.7
y			0,3	119.4
TP	12,11	131.68 ✓	0,14	119,57
b		131.7	11,3	120.4
y			10,6	121.1
bh			9,6	122.1
Wt			8,7	123.0
	100'	n.f	27 it	st
Wt			6,8	124.9
bh			7,3	124.4
y			7,9	123.8
b			8,5	123.2
y			9,0	122.7
bh			9,6	122.1
Et			9,9	121.8

		131.68		
	150'	n.f	27 it	st
Et		131.7	4,4	127.3
bh			4,2	127.5
y			4,0	127.7
b			3,5	128.2
y			2,8	128.7
bh			2,3	129.2
Wt			2,0	129.5
TP	5,50	136.54	0,64	131.04
	200'	n.f =	S.d of 28 it st (70')	~~Browning~~
Wt			5,5	131.0
bh			5,6	130.9
y			5,7	130.8
b			5,9	130.6
y			5,8	130.7
bh			5,9	130.6
Et			6,0	130.5

		136,54		
	S bb of		28th	st
EL			5,6	130.9
bb			5,5	131.0
"			5,6	130.9
b			5,6	130.9
"			5,4	131.1
bb			5,3	131.2
WL			5,2	131.3
	S 1/4 of		28th	st
WL			5,0	131.5
bb			5,0	131.5
"			5,1	131.4
b			5,2	131.3
"			5,1	131.4
bb			5,1	131.4
EL			5,1	131.4

		136,54		Willow st
	Center of		28th	st
EL		"	4,8	131.7
bb			4,9	131.6
"			4,7	131.8
b			4,6	131.9
"			4,6	131.9
bb			4,8	131.7
WL			4,8	131.7
	N 1/4 of		28th	st
WL			4,8	131.7
bb			4,6	131.9
"			4,5	132.0
b			4,3	132.2
"			4,5	132.0
bb			4,7	131.8
EL			4,7	131.8

		13654		
	N bk	of	28 it	st
EL			4,6	131.9
bk			4,7	131.8
"			4,7	131.8
b			4,5	132.0
"			4,5	132.0
bk			4,8	131.7
WL			4,8	131.7
	NL	of	28 it	st
WL			5,0	131.5
bk			5,0	131.5
"			4,8	131.7
b			4,7	131.8
"			4,6	131.9
bk			4,6	131.9
EL			4,6	131.9

		13654		Willow st
	50'	N of	28 it	st
EL			7,0	129.5
bk			6,7	129.8
"			6,3	130.2
b			6,0	130.5
"			6,3	130.2
bk			6,1	130.4
WL			6,3	130.2
	75'	N of	28 it	st
WL			7,2	129.3
bk			8,0	128.5
"			8,2	128.3
b			8,3	128.2
"			8,5	128.0
bk			8,6	127.9
EL			8,2	128.3

POSTED

		13654		
	100'	n of	28 ft	st
EL			12,5	124.0
bb			12,2	124.3
"			11,5	125.0
b			11,0	125.5
"			10,5	126.0
bb			9,9	126.6
WL			9,3	127.2
TP	3,69	131,38	8,85	127.69
	125'	n of	28 ft	st
WL		131.4	4,4	127.0
bb			5,2	126.2
"			6,1	125.3
b			7,0	124.4
"			8,0	123.4
bb			8,5	122.9
EL			8,8	122.6

		131.38		Willow	st
	150'	n of	28 ft	st	
EL			10,2	121.2	
bb			9,3	122.1	
"			8,5	122.9	
b			7,7	123.8	
"			6,4	125.0	
bb			5,4	126.0	
WL			4,6	126.8	
	175'	n of	28 ft	st	
WL			5,2	126.2	
bb			5,9	125.5	
"			6,6	124.8	
b			7,8	123.6	
"			8,5	122.9	
bb			9,2	122.2	
EL			10,5	120.9	

		13138		Oustis	
	200'	n =	S ¼ of	29th st	(70)
EL			10,8	120.6	
bb			10,0	121.4	
y			9,3	122.1	
b			8,1	123.3	
y			7,0	124.4	
bb			6,4	125.0	
WL			5,7	125.7	
	S bb	of	29th	st	
WL			5,8	125.6	
bb			6,2	125.2	
y			6,9	124.5	
b			7,7	123.7	
y			8,7	122.7	
bb			9,7	121.7	
EL			10,3	121.1	

		13138		Willow st
	S ¼	of	29th	st
EL			10,2	121.2
bb			9,0	122.4
y			8,3	123.1
b			7,2	124.2
y			6,6	124.8
bb			6,1	125.3
WL			5,7	125.7
	Center	of	29th	st
WL		13.1.4	5,7	125.7
bb			6,3	125.1
y			6,7	124.7
b			7,4	124.0
y			8,5	122.9
bb			9,4	122.0
EL			10,2	121.2

		131.38		
	N 1/4 of		29th	st
Eh		131.4	10,4	121.0
bb			9,4	122.0
y			8,6	122.8
b			7,6	123.8
y			7,2	124.2
bb			7,8	123.6
Wh			6,1	125.3
	N bb of		29th	st
Wh			6,3	125.1
bb			6,8	124.6
y			7,3	124.0
b			8,2	123.1
y			9,2	122.2
bb			9,9	121.5
Eh			10,5	120.9

		131.38		Willow st	
	N line of		29th	st	
Eh			10,7	120.7	
bb			10,0	121.4	
y			9,5	121.9	
b			8,5	122.9	
y			7,7	123.7	
bb			7,0	124.4	
Wh			6,5	124.9	
BM			5,95	125.43 45	nw to 29
	50'	n of	29th	st	
Wh			9,7	121.7	
bb			10,5	120.9	POSTED
y			10,9	120.5	
b			11,6	119.8	
y			12,1	119.3	
bb			13,3	118.1	
Eh			13,5	117.9	
TP	2,77	121.15	13,00	118.38	

		121.15			
	100'	n of	29th	st	
EL			5,5	115.7	
bb			5,0	116.2	
y			4,3	116.9	
b			3,8	117.6	
y			3,4	118.0	
bb			4,0	118.6	
WL			3,6	119.0	
	150'	n of	29th	st	
WL			8,5	112.7	
bb			8,3	112.9	
y			8,5	112.7	
b			9,1	112.1	
y			9,5	111.7	
bb			10,0	111.2	
EL			10,5	110.7	
TP			12,50	108.65	B W Guard 30

	0,36	107.38		107.02	BM SW H 30th + Willow
200' n = S line of			30th st (70')		(Dumas)
WL			0.4	107.0	
bb			1,0	106.4	
y			0,9	106.5	
b			1,0	106.4	
y			0,6	106.8	
bb			0,9	106.5	
EL			1,6	105.8	
	S bb	of	30th	st	
EL		107.4	2,4	105.0	
bb			2,0	105.4	
y			1,7	105.7	
b			1,8	105.6	
y			2,0	105.4	
bb			1,8	105.6	
WL			1,5	105.9	

		10738		
	S 1/4 of		30 ft	st
WL			2,4	105.0
bb			3,0	104.4
y			3,4	104.0
b			3,4	104.0
y			3,4	104.0
bb			3,8	103.6
EL			4,2	103.2
	center of		30 ft	st
EL			5,8	101.6
bb			6,0	101.4
y			6,2	101.2
b			5,5	101.9
y			4,6	102.8
bb			3,7	103.7
WL			3,0	104.4

		10738		Willow st
	N 1/4 of		30 ft	st
WL			3,0	104.4
bb			4,0	103.4
y			5,7	101.7
b			6,8	100.6
y			7,4	100.0
bb			7,6	99.8
EL			7,8	99.6
	N bb of		30 ft	st
EL			9,7	97.7
bb			9,4	98.0
y			8,9	98.5
b			8,0	99.4
y			6,0	101.4
bb			4,3	103.1
WL			3,3	104.1

107.38

N Line of 30th st

WL	3,9	103.5
bk	5,3	102.1
y	6,9	100.5
b	8,6	98.8
y	10,3	97.1
bk	11,4	96.0
ER	11,8	95.6

85' n of 30th st

ER	13,8	93.6
bk	12,4	95.0
y	10,7	96.7
b	8,7	98.7
y	7,4	99.0
bk	6,3	101.1
WL	6,0	101.4

107.38

Willow st

50' n of 30th st

WL			2,0	98.4
bk			8,6	98.8
y			9,0	98.4
b			10,0	97.4
y			11,5	95.9
bk			13,0	94.4
TP	0,83	95.73	12,48	94.90
ER				

POSTED

Clough Taylor Crossection of Elm st (70')
Out from New Main st to North End

	36.8	49.18		45.50	BM S W & 1st st & Elm
	N Line of		New Main st		
WL		49.2	2.7	46.5	
bb			3.7	45.5	
y			4.5	44.7	
b			5.4	43.8	
y			6.2	43.0	
bb			6.6	42.6	
EL			8.2	41.0	
	50'	N of	New Main st		
EL			8.5	40.7	
bb			8.2	41.0	
y			7.6	41.6	
b			7.4	41.8	
y			6.6	42.6	
bb			6.0	43.2	
WL			5.7	43.5	

POSTED

		49.18		Elm st	
	100'	N of New Main =		Pueblo Line S S of Rosemary	
WL			5.0	44.2	
bb			5.3	43.9	
y			5.7	43.5	
b			6.3	42.9	
y			6.7	42.5	
bb			7.0	42.2	
EL			7.3	41.9	
	143'	N of	New Main st =	S S of 1st st (70')	
EL			6.5	42.7	
bb			6.1	43.1	
y			5.8	43.4	
b			5.4	43.8	
y			4.9	44.3	
bb			4.3	44.9	
WL			3.7	45.5	

POSTED

4918

S bk of 1st st

WL	4,3	44.9
bk	4,7	45.0
y	4,6	44.6
b	5,7	44.0
y	5,8	43.4
bk	6,4	42.8
EL	6,9	42.3

S 1/4 of 1st st

EL	6,8	42.4
bk	6,7	43.0
y	5,5	43.7
b	5,0	44.2
y	4,8	44.4
bk	4,8	44.4
WL	4,6	44.6

4918

Elm st

Center of 1st st

WL	4,9	44.3
bk	5,7	44.0
y	5,4	43.8
b	5,3	43.9
y	6,0	43.2
bk	6,7	42.5
EL	7,0	42.2

N 1/4 of 1st st

EL	7,0	42.2
bk	6,6	42.6
y	6,1	43.1
b	6,1	43.1
y	6,0	43.2
bk	5,4	43.8
WL	5,0	44.2

		49.18		
	n bb of 1st st			
WL			5.1	44.1
bb			5,6	43.6
y			6,3	42.9
b			6,4	42.6
y			6,5	42.7
bb			7,0	42.2
EL			7.4	41.8
	n L of 1st st			
EL			7,7	41.5
bb			7,3	41.9
y			7,3	41.9
b			7,0	42.2
y			6,6	42.6
bb			5,6	43.6
WL			5,3	43.9

		49.18		Elm st
	50'	n of	1st	st
WL			6,4	42.8
bb			6,6	42.6
y			7,1	42.1
b			8,5	40.7
y			8,9	40.3
bb			9,3	39.9
EL			9.7	39.5
	100'	n of	1st	st
EL			11,2	38.0
bb			10,7	38.5
y			9,7	39.3
b			9,3	39.9
y			8,9	40.3
bb			9,0	40.2
WL			9.0	40.2
TP	0,79	41,22	8,75	40,43

		41.2		
	135'	n of	12th	st
W2			3.7	37.5
bl	140	n of	12th	st
W2			11.8	29.4
L	150'	n of	12th	st
W2			4.3	36.9
+8'			12.4	28.8
+6'			4.4	36.8
bl			3.8	37.4
4			3.3	37.9
6			3.8	37.4
4			3.7	37.5
bl			4.1	37.1
E2			4.7	36.5

		41.2			Elm st
	200'	n =	S 2 4	2nd	st (70')
W2			5.6	35.6	
bl			5.8	35.4	
4			5.4	35.4	
+2			13.2	28.0	
+6			5.8	35.4	
6			5.8	35.4	
4			5.8	35.4	
bl			6.0	35.2	
E2			6.3	34.9	
	Sbl	of	2nd	st	
E2			6.6	34.6	
bl			6.4	34.8	
4			6.3	34.9	
+10			6.5	34.7	
6			13.5	27.7	
+41			6.2	35.0	
4			6.3	34.9	
bl			6.7	34.5	
W2			6.0	35.2	

41.22

S 1/4 of

W2	6.4	34.8
bk	6.4	34.8
7	6.9	34.3
6	6.9	34.3
+5'	14.0	27.2
+10'	6.9	34.3
4	6.7	34.5
bk	7.0	34.2
E2	7.1	34.1

Center of

E2	7.5	33.7
bk	7.5	33.7
+5'	14.2	27.0
7	7.5	33.7
6	7.5	33.7
7	6.8	34.4
bk	7.7	33.5
W2	6.9	34.3

41.22

N 1/4 of

W2	7.5	33.7
bk	7.2	33.9
4	7.2	33.9
5	7.9	33.2
4	7.6	33.5
bk	8.6	32.6
+3'	14.5	26.7
+7'	8.0	33.2
E2	8.0	33.2

N bk of

E2	14.0	27.2
bk	14.0	27.2
+1'	8.7	32.5
4	8.3	32.9
5	8.0	33.2
4	7.8	33.4
bk	7.8	33.4
W2	7.9	33.3

		41.22		
	2d	of	2nd	st
WL			8.6	32.6
bb			8.5	32.7
y			8.2	33.0
b			8.4	32.8
y			8.6	32.6
bb			8.6	32.6
EL +4			9.0	32.2
+5			14.0	27.2
			14.0	27.2
	15'	n of	2nd	st
EL			9.4	31.8
bb			9.1	32.1
	50'	n of	2nd	st
EL			10.6	30.6
bb			10.2	31.0
y			10.1	31.1
b			9.8	31.4
y			10.0	31.2
bb			10.3	30.9
WL			10.3	30.9

		41.22		Elm st
	100'	n of	2nd	st
WL			11.3	29.9
bb			11.6	29.6
y			11.4	29.8
b			11.4	29.8
y			11.7	29.5
bb			11.8	29.4
EL			12.0	29.2
TP	3.25	32.57 ✓	11.90	29.32
	150'	n of	2nd	st
EL		32.6	4.8	27.8
bb			4.6	28.0
y			4.5	28.1
b			4.4	28.2
y			4.6	28.0
bb			4.3	28.3
WL			4.1	28.5

		32.57			
	200'	n =	S ℄ of	3d st	(70')
WL		32.6	5,4	27.2	
bb			5,5	27.1	
y			6,1	26.5	
b			5,9	26.7	
y			5,8	26.8	
bb			5,8	26.8	
EL			5,8	26.8	
	S bb of		3d st		
EL			6,1	26.5	
bb			5,9	26.7	
y			5,9	26.7	
b			6,1	26.5	
y			6,5	26.1	
bb			5,6	27.0	
WL			5,4	27.2	

		32.57		Elm st
	S 1/4 of		3d st	
WL			5,9	26.7
bb			6,2	26.4
y			6,7	25.9
b			6,7	25.9
y			6,4	26.2
bb			6,7	25.9
EL			6,6	26.0
	Center of		3d st	
EL		32.6	7,0	25.6
bb			6,9	25.7
y			6,9	25.7
b			7,0	25.6
y			6,9	25.7
bb			7,0	25.6
WL			6,5	26.1

32.57

	R 1/4	of	3d	st
WL			6.4	26.2
bl			7.0	25.6
y			7.0	25.6
l			7.3	25.3
y			7.3	25.3
bl			7.2	25.4
EL			7.4	25.2
	R bl	of	3d	st
EL			7.7	24.9
bl			7.9	24.7
y			7.8	24.8
l			7.8	24.8
y			7.6	25.0
bl			6.9	25.7
WL			6.4	26.2

32.57

Elm st

	R d	of	3d	st
WL		32.6	7.2	25.4
bl			7.5	25.1
y			7.9	24.7
l			8.1	24.5
y			8.2	24.4
bl			8.3	24.3
EL			8.5	24.1
	50'	mf	3d	st
EL			9.9	22.7
bl			8.6	23.0
y			9.7	22.9
l			9.4	23.2
y			9.2	23.4
bl			8.6	24.0
WL			8.1	24.5

		32.57		
	200'	n of	3 d	st
WL			9.3	23.3
bk			9.8	22.8
y			10.7	22.4
b			10.7	21.9
y			11.7	21.4
bk			11.1	21.3
EL			11.2	21.4
TP	1,75	23.75	10.57	22.0
	130'	n of	3 d	st
EL		23.8	3.0	20.5
bk			3.1	20.7
y			3.1	20.7
b			2.8	21.0
y			2.0	21.8
bk			1.5	22.3
WL			1.1	22.7

		23.75		Elev st
	200'	n =	S d of	4 st
WL			1.7	22.1
bk			2.2	21.6
y			2.4	21.2
b			3.2	20.6
y			3.7	20.1
bk			3.9	19.9
EL			3.9	19.9
	S.bk	of	4 st	st
EL		23.8	4.0	19.8
bk			4.0	19.8
y			3.9	19.9
b			3.4	20.4
y			2.8	21.0
bk			2.1	21.7
WL			1.4	22.2

		23.75		
	S 1/4	of	4 ft	ft
W2			1,4	22.4
bl			2,2	21.6
7			2,9	20.9
6			3,4	20.4
4			3,9	19.9
bl			4,2	19.6
E2			4,2	19.6
	Center	of	4 ft	ft
E2			4,4	19.4
bl			4,4	19.4
4			3,9	19.9
6			3,4	20.4
7			2,6	21.2
bl			2,0	21.8
W2			1,3	22.3

		23.75		Elm ft
	N 1/4	of	4 ft	ft
W2		238	1,5	22.3
bl			2,1	21.7
7			2,8	21.0
6			3,5	20.3
4			4,0	19.8
bl			4,4	19.4
E2			4,5	19.3
	N bl	of	4 ft	ft
E2			4,5	19.3
bl			4,5	19.3
4			4,0	19.8
6			3,4	20.4
7			2,6	21.2
bl			2,0	21.8
W2			1,5	22.3

		23.75		
	N 2	of	4 ft	st
WL			1,5	22.3
bl			2,1	21.7
"			2,5	21.3
b			3,3	20.5
"			3,7	20.1
bl			4,4	19.4
EL			4,7	19.1
	50'	n of	4 ft	st
EL			5,0	18.8
bl			4,7	19.1
"			4,1	19.7
b			3,5	20.3
"			3,0	20.8
bl			2,2	21.6
WL			1,6	22.2

		23.75		Elm st
	100'	n of	4 ft	st
WL			2,0	21.8
bl			2,5	21.3
"			3,3	20.5
b			3,9	19.9
"			4,5	19.3
bl			5,2	18.6
EL			5,3	18.5
	150'	n of	4 ft	st
EL			5,5	18.3
bl			5,2	18.6
"			4,7	19.1
b			4,3	19.5
"			3,7	20.1
bl			2,9	20.9
WL			2,2	21.6

		2375			
	200'	n =	5 s	of 5 ft at (70°)	
m			2,6	21.2	
ll			3,1	20.7	
y			3,6	20.2	
b			4,0	19.8	
y			4,3	19.5	
ll			4,7	19.1	
er			4,9	18.9	
TP	4.95	2610	2,60	21.15	
El	5 bb	of	5 ft	at	
El			7,1	19.0	
ll			6,7	19.4	
y			6,4	19.7	
b			6,1	20.0	
y			5,6	20.5	
ll			5,2	20.9	
wr			4,9	21.2	

		2610		clm at
	5 ¼ of		5 ft	at
m			4,7	21.4
ll			5,1	21.0
y			5,4	20.7
b			5,8	20.3
y			6,2	19.9
ll			6,6	19.5
El			7,0	19.1
	center	of	5 ft	at
El			6,9	19.2
ll			6,4	19.7
y			6,0	20.1
b			5,5	20.6
y			5,0	21.1
ll			4,7	21.4
wr			4,5	21.6

		26.10		
	N 1/4 of		5 ft	st
WL			4,2	21.9
bb			4,5	21.6
y			5,0	21.1
b			5,4	20.7
y			5,9	20.2
bb			6,3	19.8
EL			6,7	19.4
	N bb of		5 ft	st
EL			6,6	19.5
bb			6,1	20.0
y			5,8	20.3
b			5,3	20.8
y			5,0	21.1
bb			4,5	21.6
WL			4,0	22.1

		26.10		Elm st	
	N L of		5 ft	st	
WL			3,90	22.2 2,24	Bm 2 W H 5 ft + Elm
bb			4,3	21.8	
y			4,6	21.5	
b			5,2	20.9	
y			5,6	20.5	
bb			6,0	20.1	
EL			6,4	19.7	
	50'	n of	5 ft	st	
EL			5,4	20.7	
bb			5,2	20.9	
y			4,7	21.4	
b			4,1	22.0	
y			3,8	22.3	
bb			3,5	22.6	
WL			3,2	22.9	

		26.10		
	100'	n of	5 ch	st
WL			2,0	24.1
bh			2,2	23.9
y			2,6	23.5
b			3,2	22.9
y			3,7	22.4
bh			4,3	21.8
EL			4,5	21.6
TP	6,25	29,77	2,62	23,52
	150'	n of	5 ch	st
EL		29.8	6,7	23.1
bh			6,2	23.6
y			5,7	24.1
b			5,1	24.7
y			4,5	25.3
bh			4,0	25.8
WL			3,7	26.1

		29.77		Elm st
	200'	n =	S S of	6 ch st (70')
WL			2,7	27.1
bh			3,3	26.5
y			3,7	26.1
b			4,2	25.6
y			4,8	25.0
bh			5,3	24.5
EL			5,7	24.1
	S bh	of	6 ch	st
EL			5,5	24.3
bh			5,0	24.8
y			4,6	25.2
b			4,0	25.8
y			3,5	26.3
bh			3,0	26.8
WL			2,4	27.4

2977

	S 1/4 of	6 ft	st
W2		2,1	27.7
bl		2,7	27.1
y		3,3	26.5
b		3,7	26.1
y		4,2	25.5
bl		4,7	25.1
E2		5,3	24.5
	Center of	6 ft	st
E2		3,0	24.8
bl		4,5	25.3
y		4,0	25.8
b		3,4	26.4
y		2,8	27.0
bl		2,4	27.4
W2		1,8	28.0

2977

Elev at

	N 1/4 of	6 ft	st
W2		1,6	28.2
bl		2,0	27.8
y		2,6	27.2
b		3,0	26.8
y		3,7	26.1
bl		4,2	25.5
E2		4,9	24.9
	Nbl of	6 ft	st
E2		4,6	25.2
bl		4,0	25.8
y		3,3	26.5
b		2,6	27.2
y		2,0	27.8
bl		1,35	28.3
W2		1,2	28.6

		29.77			
	N L	of	6 ft	st	
W L			1,0	28.8	
bb			1,4	28.4	
y			1,8	28.0	
b			2,6	27.2	
y			3,2	26.6	
bb			4,0	25.8	
E L			4,3	25.5	
T P	7.44	34.50	2.71	27.06	S W H 6 ft + Elm
	50'	n of	6 ft	st	
E L			8,4	26.1	
bb			8,0	26.5	
y			7,1	27.4	
b			6,5	28.2	
y			5,8	28.7	
bb			5,2	29.3	
W L			4,5	30.0	

		34.50		Elm st
	100'	n of	6 ft	st
W L			4,3	30.2
bb			4,8	29.7
y			5,7	28.8
b			6,5	28.0
y			7,2	27.3
bb			8,0	26.5
E L			8,4	26.1
	150'	n of	6 ft	st
E L			8,4	26.1
bb			7,8	26.7
y			7,1	27.4
b			6,5	28.0
y			5,6	28.9
bb			5,1	29.4
W L			4,6	29.9

		34.80		
	200' n =	S ¼ of	7th st (70')	
WL			4.2	30.3
bb			4.7	29.8
y			5.5	29.0
b			6.0	28.5
y			7.0	27.5
bb			7.9	26.6
EL			8.3	26.2
	S bb of	7th st		
EL			8.4	26.1
bb			7.8	26.7
y			7.0	27.5
b			6.2	28.3
y			5.7	28.8
bb			5.0	29.5
WL			4.0	30.5

		34.80		Elm st
	S ¼ of	7th	st	
WL			4.6	29.9
bb			5.2	29.3
y			5.6	28.9
b			6.3	28.2
y			7.2	27.3
bb			7.8	26.7
EL			8.4	26.1
	Center of	7th	st	
EL			8.4	26.1
bb			7.6	26.9
y			7.1	27.4
b			6.2	28.3
y			5.7	28.8
bb			5.2	29.3
WL			4.8	29.7

		34.50			
	N 1/4 of		7th	st	
WL			4.8	29.7	
bb			5.4	29.1	
y			6.9	27.6	
b			6.8	27.7	
y			7.3	27.2	
bb			8.1	26.4	
EL			8.6	25.9	
	N bb of		7th	St.	
EL			8.8	25.7	
bb			8.3	26.2	
y			7.7	26.8	
b			7.0	27.5	
y			6.3	28.2	
bb			5.6	28.9	
WL			4.9	29.6	
TP	4.56	34.11	4.95	29.55	N W ft 7th & Elm

		34.11		Elm st	
	N Line of		7th	st	
WL			4.5	29.6	
bb			5.1	29.0	
y			5.8	28.3	
b			6.5	27.6	
y			7.3	26.8	
bb			8.0	26.1	
EL			8.5	25.6	
	50'	n of	7th	st	
EL			8.8	25.3	
bb			8.5	25.6	
y			8.0	26.1	
b			7.5	26.6	
y			6.7	27.4	
bb			6.3	27.8	
WL			5.4	28.7	

		34.11		
	100'	n of	7th	st
WL			5,6	28.5
bb			6,2	27.9
"			7,1	27.0
b			7,6	26.5
"			8,5	25.6
bb			8,8	25.3
EL			9,3	24.8
	150'	n of	7th	st
EL			9,3	24.8
bb			8,8	25.3
"			8,2	25.9
b			7,7	26.4
"			7,1	27.0
bb			6,6	27.5
WL			6,2	27.9

		34.VI		Elm st	
	200'	n =	S L of	8th	st (70')
WL			6,5	27.6	
bb			6,9	27.2	
"			7,4	26.7	
b			7,8	26.3	
"			8,4	25.7	
bb			8,9	25.2	
EL			9,3	24.8	
	S bb of		8th	st	
EL			9,2	24.9	
			8,8	25.3	
"			8,4	25.7	
b			8,0	26.1	
"			7,4	26.7	
bb			6,9	27.2	
WL			6,5	27.6	

		34.11		
	S 1/4	of	8th	st
WL			6,4	27.7
bb			6,6	27.5
y			7,0	27.1
b			7,5	26.6
y			8,0	26.1
bb			8,5	25.6
EL			9,0	25.1
	Center	of	8th	st
EL			9,0	25.1
bb			8,6	25.5
y			8,1	26.0
b			7,5	26.6
y			6,9	27.2
bb			6,6	27.5
WL			6,2	27.9

		34.11		Elm st	
	N 1/4	of	8th	st	
WL			6,1	28.0	
bb			6,6	27.5	
y			7,0	27.1	
b			7,5	26.6	
y			8,1	26.0	
bb			8,6	25.5	
EL			9,0	25.1	
	N bb	of	8th	st	
EL			8,9	25.2	
bb			8,5	25.6	
y			8,0	26.1	
b			7,3	26.8	
y			7,0	27.1	
bb			6,5	27.6	
WL			6,2	27.9	
TP	441	32.34	6,18	27.93	NW ⊥ 8th elm

		3234		
	n L	of	8th	st
WL			4,4	27.9
bb			4,8	27.5
y			5,2	27.1
b			5,9	26.4
y			6,3	26.0
bb			6,7	25.6
EL			7,1	25.2
	50'	n of	8th	st
EL			6,7	25.6
bb			6,5	25.8
y			6,1	26.2
b			5,5	26.8
y			5,2	27.1
bb			4,8	27.5
WL			4,4	27.9

		3234		Elm st
	100'	n of	8th	st
WL			4,2	28.1
bb			4,8	27.5
y			5,0	27.3
b			5,4	26.9
y			6,0	26.3
bb			6,6	25.7
EL			6,9	25.4
	150'	n of	8th	st
EL			6,9	25.4
bb			6,5	25.8
y			5,9	26.4
b			5,6	26.7
y			5,3	27.0
bb			4,9	27.4
WL			4,5	27.8

		3234		
	200'	N of	8 ft = SL	9 ft st (70)
WL			4.6	27.7
bb			5.0	27.3
y			5.4	26.9
b			5.8	26.5
y			6.2	26.1
bb			6.8	25.5
EL			7.6	24.7
	S bb	of	9 ft	st
EL			7.7	24.6
bb			7.1	25.2
y			6.2	26.1
b			5.5	26.8
y			5.2	27.1
bb			4.8	27.5
WL			4.4	27.9

		3234		Elm st
	S 1/4	of	9 ft	st
WL			4.5	27.8
bb			4.9	27.4
y			5.4	26.9
b			5.8	26.5
y			6.2	26.1
bb			7.2	25.1
EL			7.8	24.5
	Center	of	9 ft	st
EL			7.9	24.4
bb			7.2	25.1
y			6.5	25.8
b			5.8	26.5
y			5.5	26.8
bb			5.1	27.2
WL			4.6	27.7

		32.34			
	N 1/4	of	9th	st	
WL			4,7	27.6	
bb			5,2	27.1	
y			5,8	26.5	
b			6,5	25.8	
y			6,8	25.5	
bb			7,3	25.0	
EL			7,6	24.7	
	N bb	of	9th	st	
EL			7,6	24.7	
bb			7,3	25.0	
y			6,9	25.4	
b			6,6	25.7	
y			5,9	26.4	
bb			5,1	27.2	
WL			4,7	27.6	
TP	3,85	31.69	4,50	2984	nw 4 9 + Elm

		31.69		Elm st
	N L	of	9th	st
WL			3,8	27.9
bb			4,4	27.3
y			5,3	26.4
b			5,5	26.2
y			6,2	25.5
bb			6,6	25.1
EL			7,0	24.7
	50'	n of	9th	st
EL			6,8	24.9
bb			6,3	25.4
y			5,6	26.1
b			5,2	26.5
y			4,8	26.9
bb			4,6	27.1
WL			4,0	27.7

		31.69		
	100'	n of	9th	st
WL			4,7	27.0
bb			5,2	26.5
4			5,4	26.3
b			5,8	25.9
4			6,1	25.6
bb			6,7	25.0
EL			7,0	24.7
	150'	n of	9th	st
EL			8,4	23.3
bb			8,0	23.7
4			7,5	24.2
b			7,1	24.6
4			6,4	25.3
bb			5,6	26.1
WL			5,3	26.4

		31.69		Elm st
200'	200'	n =	SL of	10th st (70')
WL			6,0	25.7
bb			6,4	25.3
4			6,8	24.9
b			7,5	24.2
4			8,0	23.7
bb			8,4	23.3
EL			8,7	23.0
	Sbb	of	10th	st
EL			8,9	22.8
bb			8,5	23.2
4			8,0	23.7
b			7,7	24.0
4			7,0	24.7
bb			6,6	25.1
WL			6,2	25.5

		31.89		
	S 1/4 of		10 th	st
WL			6,3	25.4
			6,7	25.0
4			7,0	24.7
b			7,6	24.1
4			8,1	23.6
bb			8,6	23.1
EL			9,1	22.6
	Center of		10 th	st
EL			9,5	22.2
bb			9,0	22.7
4			8,5	23.2
b			7,9	23.8
4			7,3	24.4
bb			6,9	24.8
WL			6,6	25.1

		31.89		Elm st	
	N 1/4 of		10 th	st	
WL			6,8	24.9	
bb			7,2	24.5	
4			7,7	24.0	
b			8,2	23.4	
4			8,7	23.0	
bb			9,4	22.3	
EL			9,8	21.9	
	N bb of		10 th	st	
EL			9,8	21.9	
bb			9,2	22.5	
4			8,8	22.9	
b			8,4	23.3	
4			7,8	23.9	
bb			7,4	24.3	
WL			7,0	24.7	
TP	5,62	30.06	7.25	24.44	N W 10 10 + Elm

		30.06		
	N L of		10th	st
WL		30.1	5.6	24.5
bb			6.0	24.1
4			6.3	23.9
b			6.9	23.3
4			7.4	22.7
bb			8.2	21.9
EL			8.6	21.5
	50'	n of	10th	st
EL			11.0	19.1
bb			10.4	19.7
4			9.5	20.6
b			8.1	22.0
4			7.4	22.7
bb			6.6	23.5
WL			6.0	24.1

		30.06		Elm st
	100'	n of	10th	st
WL			5.6	24.5
bb			6.4	23.7
4			8.3	21.8
b			10.0	20.1
4			10.5	19.6
bb			11.1	19.0
EL			11.4	18.7
	150'	n of	10th	st
EL			10.8	19.3
bb			10.2	19.9
4			10.0	20.1
b			9.3	20.8
4			8.6	21.5
bb			7.1	23.0
WL			5.2	24.9

		30.06			
	200'	n =	S. ∠	of 11 ft	(70')
Wh			6,2	23.9	
bb			7,1	23.0	
4			7,5	22.6	
b			8,1	22.0	
4			9,0	21.1	
bb			9,3	20.8	
Eh			9,3	20.8	
	S. bb	of	11 ft	st	
Eh			9,3	20.8	
bb			9,1	21.0	
7			8,7	21.4	
b			8,0	22.1	
4			7,3	22.8	
bb			6,7	23.4	
Wh			5,9	24.2	

		30.06		Clm st
	S 1/4 of		11 ft	n st
Wh			5,7	24.4
bb			6,4	23.7
4			7,0	23.1
b			7,7	22.4
4			8,4	21.7
bb			8,7	21.4
Eh			8,9	21.2
	Center of		11 ft	st
Eh			8,6	21.5
bb			8,0	22.1
4			7,5	22.6
b			6,8	23.3
4			6,3	23.8
bb			5,9	24.2
Wh			5,5	24.6

		30.06		
	N ¼	of	11 ch	at
W2		30.1	5,2	24.9
bb			5,6	24.5
4			6,2	23.9
6			7,0	23.1
4			7,4	22.7
bb			8,0	22.1
E2			8,0	22.1
	N bb	of	11 ch	at
E2			7,4	22.7
6			7,0	23.1
4			6,7	23.4
6			6,3	23.8
4			5,7	24.4
bb			5,1	25.0
W2			4,7	25.4

		30.06		Elev	at
	N 2	of	11 ch	at	N W ¼ of 11 ch at
W2			4,2	25.84	
bb			4,8	25.3	
4			5,2	24.5	
6			6,0	24.1	
4			6,3	23.8	
bb			6,7	23.4	
E2			7,0	23.1	
	50'	N of	11 ch		
E2			5,2	24.5	
bb			5,3	24.8	
4			4,9	25.2	
6			4,0	26.1	
4			4,0	26.1	
bb			3,6	26.5	
W2			3,2	26.9	

		30.06			
	100'	N of	11th	st	
WL			1.8	28.3	
bb			2.3	27.8	
4			2.9	27.2	
b			3.4	26.7	
4			3.9	26.2	
bb			4.4	25.7	
EL			4.8	25.3	
	150'	N of	11th	st	
EL			4.3	24.8	
bb			4.0	25.1	
4			3.2	25.9	
b			2.3	26.8	
4			1.7	27.4	
bb			1.2	27.9	
WL			0.9	28.2	
TP	3.67	32.85	0.88	29.18	SW 12 + Elm

		32.85		Elm st	
	200'	N =	S ⊥ of	12th st	(70')
WL		3	3.7	29.2	
bb			4.1	28.8	
4			4.7	28.2	
b			5.2	27.7	
4			5.5	27.4	
bb			6.0	26.9	
EL			6.5	26.4	
	S bb	of	12th	st	
EL			6.3	26.6	
bb			6.2	26.7	
4			5.6	27.3	
b			4.8	28.1	
4			4.5	28.4	
bb			4.1	28.8	
WL			3.6	29.3	

3.2.85

	S 1/4 of	12 ft	st
WL		3,6	29.3
bb		4,0	28.9
"		4,4	28.5
b		4,8	28.1
"		5,4	27.5
bb		6,0	26.9
EL		6,3	26.6
	Center of	12 ft	st
EL		6,6	26.3
bb		6,2	26.7
"		5,5	27.4
b		5,0	27.9
"		4,7	28.2
bb		4,4	28.5
WL		4,0	28.9

3.2.85 Elm so

	N 1/4 of	12 ft	st
WL		4,1	28.8
bb		4,8	28.1
"		5,4	27.5
b		5,6	27.3
"		6,3	26.6
bb		6,5	26.4
EL		7,0	25.9
	N bb of	12 ft	st
EL		7,0	25.9
bb		6,5	26.4
"		5,8	27.1
b		5,6	27.3
"		5,1	27.8
bb		4,8	28.1
WL		4,3	28.6

		3285		
	n L of		12th	st
WL			4,3	28.6
bb			4,8	28.1
"			5,2	27.7
b			5,6	27.3
"			6,1	26.8
bb			6,6	26.3
EL			7,0	25.9
	50'	n of	12th	st
EL			7,4	25.5
bb			7,3	25.6
"			7,1	25.8
b			6,8	26.1
"			6,8	26.1
bb			6,3	26.6
WL			5,9	27.0

		3285		Elm st
	100'	n of	12th	st
WL			6,5	26.4
bb			6,7	26.2
"			7,0	25.9
b			7,0	25.9
"			7,3	25.6
bb			7,6	25.3
EL			7,7	25.2
	150'	n of	12th	st
EL			7,2	25.7
bb			7,0	25.9
"			6,8	26.1
b			6,6	26.3
"			6,6	26.3
bb			6,3	26.6
WL			6,2	26.7
TP			5,23	

SW H of 13 + Elm

		32.85			
	200'	n =	S L of	13th st	
WL			5,2	27.7	
bb			5,3	27.6	
y			5,4	27.5	
b			5,6	27.3	
y			5,8	27.1	
bb			6,3	26.6	
EL			6,5	26.4	
TP	6,30	33.92	5,23	27.62	
	Intersection of		13th in Book No		
	N Line of		13th st		
EL			6,6	27.3	
bb			6,0	27.9	
y			5,5	28.4	
b			5,5	28.4	
y			5,0	28.9	
bb			5,3	28.6	
WL			5,24	28.78	NW H 13 + Elm
BW	5,24	33.96		28.72	

		33.96		Elm st	
	50'	n of	13th	st	
WL			2,6	31.4	
bb			3,2	30.8	
y			3,7	30.3	
b			4,2	29.8	
y			4,7	29.3	
bb			5,1	28.9	
EL			5,4	28.6	
	100'	n of	13th	st	
EL			4,4	29.6	
bb			3,8	30.2	
y			3,3	30.7	
b			2,4	31.6	
y			1,2	32.8	
bb			0,3	33.7	
WL			0,0	34.0	
TP	11,95	45,21	0,70	33,26	

		45.21			
	150'	n of	13 ft	st	
WL			7,2	38.0	
bb			8,4	36.8	
y			9,3	35.9	
b			10,6	34.6	
y			11,6	33.6	
bb			12,7	32.5	
EL			13,7	31.5	
	200'	n =	S S of	14 ft	st (70')
EL			12,0	33.2	
bb			10,7	34.5	
y			9,2	36.0	
b			7,8	37.4	
y			6,0	39.2	
bb			4,2	41.0	
WL			2,3	42.9	

		45.21		clm	st
	S bb	of	14 ft	st	
WL		45.2	1,1	44.2	
bb			3,0	42.2	
y			5,5	39.7	
b			7,6	37.6	
y			9,4	35.8	
bb			10,8	34.4	
EL			12,0	32.2	
	S 1/4	of	14 ft	st	
EL			11,6	33.6	
bb			10,0	35.2	
y			8,2	37.0	
b			6,7	38.5	
y			4,8	40.4	
bb			2,2	43.0	
TP	7.61	51,22	1,60	43.61	
WL			4,6	46.6	

5-1.22

	Center of	14th	at
W2		2.5	48.7
b		5.1	46.1
y		8.1	43.1
b		11.0	40.2
y		13.0	38.2
bl		14.8	36.4
E2		15.8	35.4
	N ¼ of	14th	at
E2		15.4	35.8
bl		13.3	37.9
y		11.1	40.1
b		8.7	42.5
y		6.2	44.9
bl		2.7	48.5
W2		0.0	51.2

5-1.22

Elm at

	N bb of		14th	at
W2			+2.0	53.2
bl			0.0	51.2
y			3.4	47.8
b			5.7	45.5
y			9.5	41.7
bl			12.8	38.4
E2			14.0	37.2
	N 2 of		14th	at
E2			13.0	38.2
bl			10.8	40.4
y			8.2	43.0
b			5.2	46.0
y			2.2	49.0
TP	7.13	5705	1.30	49.92
bl		57.1	.9	53.2
W2			1.3	55.6

		57.05		
	25'	n of	14 ft	ft
				59.1
W2			+2.0	59.0
bk			0.0	57.1
4			4.0	53.1
6			6.6	50.5
4			9.7	47.4
bk			13.0	44.1
E2			13.6	41.5
	50'	n of	14 ft	"
E2			11.9	45.2
bk			9.5	47.6
4			6.4	50.7
6			1.6	55.5
TP	10.4	65.54	1.93	55.12
4			7.4	58.1
bk			4.2	61.3
W2			0.0	65.5

		65.54		Elm ft
	75'	n of	14ft	ft
E2		65.5	16.6	48.9
bk			13.8	51.7
4			10.8	54.7
6			6.8	58.7
4			3.0	62.5
	100'	n of	14ft	"
E2			13.4	52.1
bk			10.2	55.3
4			5.5	60.0
6			2.2	63.3
	125'	n of	14ft	"
E2			9.8	55.7
bk			6.5	59.0
4			3.0	62.5
	150'	n of	14ft	"
E2			7.5	58.0
bk			3.5	62.0
				65.5
	117.5	76.2	1.07	64.47

POSTED

		76.22		
	75'	n of	14th	st
WL			6.1	70.1
bk			9.7	66.5
				62.5
	100'	n of	14th	st
WL			2.5	73.7
bk			5.8	70.4
y			9.0	67.2
				63.3
	125'	n of	14th	st
WL			1.8	78.0
bk			1.8	74.4
y			5.0	71.2
b			8.8	67.4
	150'	n of	14th	st
E WL			10.7	65.5
b			6.7	69.5
W WL			3.0	73.2
				78.9

		76.22		Elev st
	175'	n of	14th	st
EL		76.2	14.0	62.2
bk			10.4	65.8
y			7.3	68.9
b			3.3	72.9
	200' n = SL of		15th	st (70')
EL			10.6	65.6
bk			8.2	68.0
y			4.8	71.4
b			0.0	76.2
T.P.	8.23	78.57	5.88	70.34
	S bk of		15th	st
EL		78.6	12.3	66.3
bk			9.3	69.3
y			6.4	72.2
b			1.8	76.8

		78.57			
	S 1/4 of		15-ft	rt	
EL		78.6	11.0	67.6	
bb			8.1	70.5	
4			4.5	74.1	
b			0.5	78.1	
				82'	
	Center of		15 ft	rt	
EL			9.8	68.8	
bb			6.3	72.3	
4			2.8	75.8	
t	N 1/4 of		15-ft	rt	
EL			9.3	69.3	
bb			5.6	73.0	
4			1.8	76.8	
	N bb of		15 ft	rt	
EL			9.0	69.6	
bb			5.5	73.1	
4			1.8	76.8	

		78.57		Elev	
	N L of		15 ft	rt	
EL		78.6	8.7	69.9	
bb			5.3	73.3	
4			1.5	77.1	
TP	12.22	86.11	4.68	73.89	
	150'	N of	14 ft		
WL		86.1	4.8	81.3	
bb			7.2	78.9	
	175'	N of	14 ft	rt	
WL			2.8	83.3	
bb			4.7	81.4	
4			8.1	78.0	
	200'	N of	S L of	15 ft rt	(70')
WL			0.0	86.1	
bb			2.8	83.3	
4			5.2	80.5	
b			9.8	76.3	

		86.11			
	Sbb	of	15 ft	st	
WL			+0.4	86.5	
bb			1.6	85.5	
4			5.0	81.1	
b			9.5	76.6	
T.P.	7.89	90.84	3.16	82.95	
	S 1/4	of	15 ft	st	
WL			3.3	87.5	
bb			5.7	85.1	
4			8.7	82.1	
	Center	of	15 ft	st	
WL			2.7	88.1	
bb			4.9	85.9	
4			7.4	83.4	
b			11.0	79.8	
	N 1/4	of	15 ft	st	
WL			1.9	88.9	
bb			4.2	86.6	
4			6.9	83.9	
b			10.0	79.8	

		90.84		Elm st	
	Nbb	of	15 ft	st	
WL			1.2	89.6	
bb			3.4	87.4	
4			6.0	84.8	
b			9.8	81.0	
	N Line	of	15 ft	st	
WL			+0.50	90.34	NW H 15 + Elm
bb			2.7	88.1	
4			5.6	85.2	
b			9.2	81.6	
	25'	n of	15 ft	st	
	2.72	85.67		82.95	TP on Opposite Page
EL		85.7	14.3	71.4	
bb			11.4	75.3	
4			7.0	78.7	
b			2.5	83.2	

		85.67		
	50'	n of	15th	st
EL		85.7	12.4	73.3
bb			8.8	76.9
y			4.8	80.9
b			0.8	84.9
	75'	n of	15th	st
EL			10.5	75.2
bb			6.1	79.6
y			3.6	82.1
	100'	n of	15th	st
EL			8.8	76.9
bb			5.2	80.5
y			1.2	84.5
	125'	n of	15th	st
EL			7.3	78.4
bb			3.8	81.9
y			0.0	85.7

				Elm	st
	25'	n of	15th	st	n w to 15th
	7.28	97.62		90.34	
WL			5.4	92.2	
bb			7.0	90.6	
y			9.4	88.2	
	50'	n of	15th	st	
WL			4.0	93.6	
bb			5.8	91.8	
y			9.0	88.6	
	75'	n of	15th	st	
WL			1.1	96.5	
bb			3.7	93.9	
y			6.8	90.8	
b			10.6	86.0	
	100'	n of	15th	st	
WL			+1.0	98.6	
bb			1.8	95.8	
y			5.3	92.3	
b			8.7	88.9	

		97.62		
	125'	n of	15-th	st
center			8.5	89.1
W 1/4			4.8	92.8
W bb			0.5	97.1
	150'	n of	15-th	st
E2			16.7	80.9
bb			14.0	83.6
4			10.0	87.6
6			6.2	91.4
4			2.4	95.2
	175'	n of	15-th	st
E2			15.6	82.0
bb			12.5	85.1
4			8.1	89.5
6			4.7	92.9
4			0.8	96.8

		97.62		Elev st
	200'	n of	15-th	= SE of 16-th (70')
E2		97.6	13.9	83.7
bb			10.5	87.1
4			6.8	90.7
6			3.4	94.2
4			0.8	98.4
	S bb	of	16-th	st
E2			13.7	84.4
bb			10.7	87.2
4			7.2	90.4
6			3.0	94.6
	S 1/4	of	16-th	st
E2			12.4	85.2
bb			9.4	88.2
4			6.3	91.3
6			1.7	95.9

POSTED

		97.62		
	Center of		16th	st
EL		97.6	12,2	85.4
bb			8,8	88.8
4			5,7	91.9
b			0.5	97.1
	N 1/4 of		16th	st
EL			12,3	85.3
bb			8,3	89.3
4			4,8	92.8
b			1.0	96.6
	N bb of		16th	st
EL			12,4	85.2
bb			8,8	88.8
4			5,0	92.6
b			0,0	97.6
	N L of		16th	st
EL			12,4	85.2
bb			8,6	89.0
4			4.0	93.6

				Elm st	
TP	12.66	108.19	2.09	95.53	
	125'	n of	15th	st	
WL		108.7	7.8	100.4	
	150'	n of	15th	st	
WL			6.7	101.5	
bb			9.5	98.7	
	175'	n of	15th	st	
WL			4,6	103.6	
bb			7.6	100.6	
	200'	n =	S Sin	of 16th (70')	
WL			2,85	105.44	DW H 16 + Elm
bb			5,2	103.0	
	S bb of		16th	st	
WL			2,0	106.2	
bb			4.5	103.7	
4			8.4	99.8	

10819

	S 1/4 of		16th	at	
WL			1.1	107.1	
bb			3.6	104.6	
4			7.7	100.5	
	Center of		16th		
WL			0.4	107.8	
bb			2.8	105.4	
4			6.8	101.4	
	N 1/4 of		16th	at	
TP	3.28	111.2	2.75	105.44	BM SW 4 16
WL			2.1	109.0	
bb			5.0	106.1	
4			9.0	102.1	
	N bb of		16th	at	
WL			1.7	109.4	
bb			4.7	106.4	
4			8.0	103.1	

111.2

	N Side of		16th	Elev at
WL		111.1	0.4	110.7
bb			3.8	107.3
4			7.6	103.5
b			11.5	99.6
	25'	N of	16th	at
WL			0.0	111.1
bb			3.8	107.3
4			6.8	104.3
b			12.4	98.7
	50'	N of	16th	at
WL			0.8	110.3
bb			4.4	106.7
4			9.0	102.1
b			13.6	97.5
	75'	N of	16th	at
WL			2.4	108.7
bb			6.5	104.6
4			10.2	100.9

		111 LV		
	100'	n of	16th	at
W2			3,3	107.8
bh			7,0	104.1
4			11,6	99.5
	125	n of	16th	at
W2			4,0	107.1
bh			7,4	103.7
4			11,2	99.9
	150'	n of	16th	at
W2			6,2	104.9
bh			10,2	100.9
4			13.8	97.3
TP	0,56	100,20	11,48	99.64
	25'	n of	16th	at
El			16,5	83.7
bh			11,5	88.7
4			6,4	93.8

		100.20		Elev at
	50'	n of	16th	at
El			18.5	81.7
bh			13.8	86.4
4			9.0	91.2
	75'	n of	16th	at
El			18.9	81.3
bh			14.0	86.2
4			9.7	90.5
b			4,6	95,6
	100'	n of	16th	at
El			18,2	82.0
bh			14,2	85.9
4			10,0	90.2
b			5,6	94.6
TP	3,99	94.72	9,47	80.73
	125'	n of	16th	at
El			14.7	80.3
bh			11.0	83.7
4			7.0	87.7
b			1.5	93.2

		947 N		
	150'	N of	16th	St
El			15,0	79.7
bb			10,7	84.0
4			6,3	88.4
b			2,2	92.5
	175'	N of	16th	St
El			14,4	80.3
bb			10,4	84.3
4			5,5	89.2
b			1,8	92.9
	240'	N =	S line of	17th St
El			13,2	81.5
bb			9,5	85.2
4			5,0	89.7
b			0,5	94.7
	S bb of		17th	St
El			12,5	82.2
bb			9,0	85.7
4			5,0	89.7
			0,0	94.7

		947 N		Elev of St
	S 1/4	of	17th	St
El			11,8	82.9
bb			8,5	86.2
4			3,1	91.6
	Center	of	17th	St
El			11,7	82.8
bb			7,8	86.9
4			2,3	92.4
	N 1/4	of	17th	St
El			11,0	83.7
bb			7,8	86.9
4			3,2	91.4
	N bb	of	17th	St
El			10,0	84.7
bb			6,0	88.7
4			2,0	92.7
	N line	of	17th	St
El			7,5	87.2
bb			4,0	90.7
			0,0	94.7

	175'	n of	16th	st	
	1283	112.47	99.64	99.64	TP of Page 60
WL			6,3	106.2	
bb			9,0	103.5	
y			12.4	100.1	
b			16,0	96.5	
	200'	n =	S ∠ of	17th	st
WL			2,60	109.89	SW H 17th & Elm
bb			6,5	106.0	
y			11,0	101.5	
b			17,5	95.0	
	S bb	of	17th	st	
WL			2,0	110.5	
bb			6,5	106.0	
y			11,0	101.5	
b			15,8	97.7	

		112.47		Elm st
	S 1/4	of	17th	st
WL			1,2	111.3
bb			5,5	107.0
y			10,0	102.5
b			15,0	97.5
	Center	of	17th	st
WL			0,8	1117
bb			4,2	108.3
y			9,0	103.5
b			13,8	98.7
	N 1/4	of	17th	st
WL			0,0	112.5
bb			4,6	107.9
y			9,2	103.3
b			14,0	98.5

		112.47			
	N bb of		17th	st	
WL			+0.5	113.0	
bb			4.0	108.5	
y			8.2	104.3	
b			13.4	99.1	
	N Line of		17th	st	
WL			+1.0	113.5	
bb			3.3	109.4	
y			8.0	104.5	
b			12.7	99.8	
					Bm SW 17th + Elm
TP	3.68 5.58	113.67 106.72	12.53	109.89 101.14	
	25'	n of	17th	st	
EL			12.5	92.2	
bb			11.0	95.7	
y			6.8	99.9	
b			1.0	105.7	

		106.72		Elm st	
	50'	n of	17th	st	
EL			11.0	95.7	
bb			7.0	99.7	
y			3.0	103.7	
	75'	n of	17th	st	
EL			7.3	99.4	
bb			3.0	103.7	
	25'	n of	17th	st	Bm SW 17th
	10.90	120.79		109.89	
WL			4.0	116.8	
bb			7.7	113.1	
y			13.2	107.6	
	50'	n of	17th	st	
WL			+1.2	122.0	
bb			2.0	118.8	
y			7.4	113.4	
b			12.5	108.3	

		120.79		
	75'	N of	17th	est
E 1/4			13,7	107.6
b			8,0	112.8
W 1/4			3,4	117.4
	100'	N of	17th	est
E2			17.0	103.8
bk			12,5	108.3
4			7,4	113.4
b			3,0	117.8
	125'	N of	17th	est
E2			14.7	106.1
bk			9,6	111.2
4			5,3	115.5
b			1,6	119.2
	130'	N of	17th	est
E2			12,5	108.3
bk			7,3	113.5
4			2,3	117.5
TP	11,5-4	13A11	2,22	118,57

		130.11		Cemet
	100'	N of	17th	est
W2		130.1	1,5	128.6
bk			4,9	125.2
4			9,0	121.1
	125'	N of	17th	est
W2			6,0	130.1
bk			3,3	126.8
4			7,0	123.1
	150'	N of	17th	est
W2			0,0	130.1
bk			2,4	127.7
4			6,0	124.1
b			9,7	120.4
	175'	N of	17th	est
W2			1,5	128.6
bk			4,3	125.8
4			7,0	123.1
b			10,8	119.3
4			14,8	115.3

		13011			
	200'	n of	17th	~~st~~ S ∠ of 18th (70)	SW H of
WL			7.44	122.67	18th & Elm
bb			9.1	121.0	
4			12.3	117.8	
b			16.5	113.6	
	S bb of		18th	st	
WL			11.5	118.6	
bb			14.0	116.1	
TP	0.37	11761 ✓	12.87	117.24	sharpe rock below S ∠
	200'	n =	S ∠	18th st	
E 1/4			10.0	107.6	
E bb			14.0	103.6	
	S bb of		18th	st	
W 1/4			4.6	113.0	
b			9.5	108.1	
E 1/4			14.0	103.6	

		11761		Elm st
	S 1/4 of	18th	st	
WL			4.6	113.0
bb			7.6	110.0
4			11.8	105.8
	Center	of	18th	st
WL			9.8	107.8
bb			13.2	104.4
TP	1.32	10677 ✓	12.16	105.45
	200'	n ∠	S ∠ of	18th
EL			9.0	97.8
	S bb	of	18th	st
EL			11.7	95.1
bb			7.8	99.0
	S 1/4	of	18th	st
EL			14.0	92.8
bb			11.4	95.4
4			7.7	99.1
b			3.6	103.2

		10677		
	Center of		18th	st
Eh			19,0	87.8
bh			17,0	89.8
y			12,8	94.0
b			11,0	95.8
y			6,0	100.8
	Center + 6'		on E. Line	
Eh			24,0	82.8
	N 1/4 of		18th	st
Wh			4,2	102.6
bh			8,0	98.8
y			11,0	95.8
b			16,0	90.8
y			22,0	84.8
bh			23,0	83.8
Eh			17,0	89.8

		10677		Elm st	
	N bh of		18th	st	
Eh			10,6	96.2	
bh			10,0	96.8	
y			10,0	96.8	
b			12,6	94.2	
y			18,0	88.8	
bh			17,0	89.8	
Wh			16,0	90.8	
	N Line of		18th	st	
Wh			6,0	100.8	
bh			7,0	99.8	
y			6,0	100.8	Here
b			5,0	101.8	
y			4,0	102.8	
bh			4,0	102.8	
Eh			4,5	102.3	
	12,25	134,92		122,67	SW to 18th

		134.92		
	50'	n of	18th	st
EL			1,2	133.7
bb			0,5	134.4
4			0,8	134.1
b			0,0	134.9
4			2,2	132.7
bb			3,8	131.1
WL			4,7	130.2
TP	12,67	147.37 ✓	0.22	134.70
	75'	n of	18th	st
EL			6,0	141.4
bb			3,7	144.7
4			1,4	146.0
b			0,2	147.2
4			0,0	147.4
bb			0,2	147.2
WL			1,0	146.4
TP	12,74	159.68 ✓	0.43	146.94

		159.68		Clm st
	100'	n of	18th	st
WL			1.1	158.6
bb			2,2	157.5
4			3,4	156.3
b			4.9	155.8
4			7,0	152.7
bb			8,2	151.5
EL			12,0	147.7
TP	12,68	170.74 ✓	1,62	158.06
	125'	n of	18th	st
EL			17.8	153.9
bb			15,8	154.9
4			13,4	157.3
b			11,0	159.7
4			8,8	161.9
bb			6,7	164.0
WL			5.4	165.3

POSTED

		170.74			
	150'	n of	18 it	st	
WL			0.7	170.0	
bb			2,0	168.7	
4			4,4	166.3	
b			7,0	163.7	
4			10,0	160.7	
bb			13,0	157.7	
EL			15,6	155.1	
	175'	n of	18 it	st	
EL			14,0	156.7	
bb			11,4	159.3	
4			8,8	161.9	
b			5,4	165.3	
4			2,6	168.1	
bb			0,0	170.7	

		170.74		Elm st	
	200'	n =	S L of	19 it	st
EL			12,4	158.3	
bb			9,3	161.4	
4			6,0	164.7	
b			2,9	167.8	
4			0.0	170.7	
TP	10.02	176.66	4.10	166.64	
	175'	n of	18 it	st	
WL			3,5	173.2	
	200'	n =	S L of	19 it	(70') SW H 19 it
WL			1,36	175.30	
bb			3,5	173.2	
TP			1,22	175.44	SW H 19 + Elm

	471	180.15		175.44	SWH 19th
	S bb	of	19th	st	
WL			4,5	175.7	
bb			6,2	174.0	
4			9,2	171.0	
b			11,3	168.9	
4	S 1/4	of	19th	st	
WL			4,4	175.8	
bb			5,5	174.7	
4			7,8	172.4	
b			10,2	170.0	
4			13,0	167.2	
	Center	of	19th	st	
WL			3,7	176.5	
bb			5,1	175.1	
4			7,0	173.2	
b			9,4	170.8	
4			11,4	168.8	

		180.15		Elm st
	N 1/4	of	19th	st
WL			2,9	177.3
bb			4,4	175.8
4			6,4	173.8
b			8,5	171.7
4			10,6	169.6
bb			13,6	166.6
	N bb	of	19th	st
WL			2,4	177.8
bb			4,0	176.2
4			5,8	174.4
b			8,0	172.2
4			10,3	169.9
bb			12,7	167.5

POSTED

		180.15		
	N L	of	19 ct	st
WL			2,2	178.0
bb			3,8	176.4
y			5,4	174.8
b			7,8	172.4
y			10,0	170.2
bb			12,6	167.6
TP	2,38	170,89 ✓	11.64	168.51
	S bb	of	19 ct	st
EL			11.4	159.5
bb			8,0	162.9
y			5,5	165.4
	S 1/4	of	19 ct	
EL			9,8	161.1
bb			7,0	163.9
	center	of	19 ct	st
EL			8,2	162.7
bb			5,2	165.7

		170.89		Elev st
	N 1/4	of	19 ct	st
EL			6,8	164.1
bb			4,5	166.4
	N bb	of	19 ct	st
EL			6,2	164.7
	N Sin	of	19 ct	st
EL			5,4	165.5
?	50'	n of	19 ct	st
EL			1,2	169.7
TP	12,09	180.60 ✓	2,38	168.51
bb			9,5	171.1
y			7,6	173.0
b			5,0	175.6
y			2,5	178.1
bb			1,0	179.6

		180.60		
	100'	n of	19 ct	st
Ex			7,6	163.0
bb			5,5	165.1
y			3,0	177.6
b			0,0	180.6
TP	11.29	191,27	0.62	179.98
	50'	n of	19 ct	st
WL			9,7	181.6
	100'	n of	19 ct	st
WL			4,9	186.4
bb			6,5	185.8
y			8,6	182.7
	150'	n of	19 ct	st
WL			2,4	188.9
bb			3,7	187.6
y			5,3	186.0
b			7,3	184.0
y			9,4	181.9
bb			12,0	179.3
Ex			13,6	177.7

		191.27		Elm st	
	200'	n =	S L of	20 ct st	(70')
Ex			12,3	189.0	
bb			10,4	180.9	
y			8,7	182.6	
b			6,3	185.0	
y			4,6	186.7	
bb			3,0	188.3	
WL			1,81	189.5	SW H 20 + Elm
	S bb of		20 ct	st	
WL			1,7	189.6	
bb			2,7	188.6	
y			3,9	187.4	
b			5,5	185.8	
y			7,6	183.7	
bb			9,9	181.4	
Ex			12,0	179.3	

		191.27		
	S 1/4	of	20 it	st
EL			11.6	179.7
bb			9.7	181.6
y			8.0	183.3
b			5.5	185.8
y			3.9	187.4
bb			2.2	189.1
WL			1.0	190.3
	Center	of	20 it	st
WL			1.1	190.2
bb			2.0	189.3
y			3.9	187.4
b			5.8	185.5
y			7.6	183.7
bb			9.7	181.6
EL			11.7	179.9

		191.27		Elm st
	N 1/4	of	20 it	st
EL			11.8	179.5
bb			9.9	181.4
y			8.2	183.1
b			6.1	184.2
y			4.8	186.5
bb			3.1	188.2
WL			1.8	189.5
	N bb	of	20 it	st
WL			1.5	189.8
bb			3.0	188.3
y			4.4	186.9
b			5.6	185.7
y			7.0	184.3
bb			9.6	181.7
EL			11.7	179.6

		191.27		
	N Line of		20th	st
EL			11.5	179.8
bh			10.0	181.3
y			8.5	182.8
b			6.0	185.3
y			4.4	186.9
bh			2.9	188.4
WL			1.6	189.7
TP	2.43	188.30	5.40	185.87
	25'	n of	20th	st
WL			+1.0	189.3
bh			0.7	187.6
y			2.8	185.5
b			5.0	183.3
y			6.6	181.7
bh			8.4	179.9
EL			9.5	178.8

		188.30		Elev st
	50'	n of	20th	st
EL			10.0	178.3
bh			8.5	179.8
y			6.9	181.4
b			4.8	183.5
y			2.9	185.4
bh			1.9	186.4
WL			1.2	187.1
	75'	n of	20th	st
WL			0.8	187.5
bh			1.9	186.4
y			3.6	184.7
b			5.1	183.2
y			6.8	181.5
bh			8.3	180.0
EL			10.5	177.8

		188.30		
	100'	n of	20th	st
El			12.5	175.8
bb			11.4	176.9
y			9.5	178.8
b			7.8	180.5
y			5.7	182.6
bb			4.4	183.9
Wh			3.1	185.2
	125'	n of	20th	st
Wh			4.7	183.6
bb			6.3	182.0
y			7.7	181.6
b			9.1	179.2
y			10.5	177.8
bb			11.6	176.7
El			13.1	175.2

		188.30		Elm st
	150'	n of	20th	
El			15.6	172.7
bb			14.4	173.9
y			12.4	176.9
b			10.6	177.7
y			8.5	179.8
bb			7.1	181.2
Wh			6.1	182.2
TP	2.62	181.74	9.18	179.12
	175'	n of	20th	st
Wh			0.0	181.7
bb			1.0	180.7
y			2.4	179.3
b			4.2	177.5
y			6.0	175.7
bb			8.5	173.2
El			10.2	171.5

		18174		
	200'	n =	S ℄ of	21st st (70')
EL			10,4	171.3
bb			9,0	172.7
y			7,3	174.4
b			5,2	176.5
y			3,6	178.1
bb			2,3	179.4
WL			1,2	180.5
	S bb	of	21st	st
WL			2,0	179.7
bb			2,8	178.9
y			3,8	177.9
b			4,9	176.8
y			6,6	175.1
bb			8,5	173.2
EL			10,4	171.3

		18174		Elm st
	S 1/4	of	21st	
EL			11,0	170.7
bb			9,6	172.1
y			7,7	174.0
b			6,0	175.7
y			5,0	176.7
bb			3,8	177.9
WL			3,0	178.7
	center	of	21st	st
WL			4,1	177.6
bb			4,9	176.8
y			6,0	175.7
b			7,3	174.4
y			9,0	172.7
bb			10,5	171.2
EL			11,9	169.8

		18174		
	N 1/4 of		21st	st
EL			13,0	168.7
bb			12,0	169.7
y			10,3	171.4
b			8.1	173.6
y			7,2	174.5
bb			6,3	175.4
WL			5,9	175.8
	N bb of		21st	st
WL			8,0	173.7
bb			8,2	173.5
y			8,6	173.1
b			9,6	172.1
y			10,5	171.2
bb			12,6	169.1
EL			14,5	167.2

		181.74		Elm st	
	N Line of		21st	st	
EL		181.7	15,7	166.0	
bb			14,0	167.7	
y			12,5	169.2	
b			11,9	169.8	
y			11,3	170.4	
bb			10,4	171.3	NW H
WL	0,14	172,39	9,49	172,25	21 & Elm
	50'	n of	21st	st	
WL			10,0	162.4	
bb			10,6	161.8	
y			11,5	160.9	
b			12,0	160.4	
y			12,5	159.9	
TP	0,50'	160,23	12,66	159,73	
bb			1,4	158.8	
EL			3,0	157.2	

		160.23		
	75'	n of	21 st	st
EL		160.2	8,6	151.6
bb			7,5	152.7
4			7,0	153.2
b			6,3	153.9
4			6,0	154.2
bb			4,7	155.5
WL			3,9	156.3
	100'	n of	21 st	st
WL			10,8	149.4
bb			11,2	149.0
4			12,8	147.4
TP	0,99	148.86	12,35	147.87
b			2,2	146.7
4			3,6	145.3
bb			4,3	144.6
EL			5,5	143.4

		148.86		Elev st
	125'	n of	21 st	st
EL		148.9	12,3	136.6
bb			11,0	137.9
4			11,3	137.6
b			10,0	138.9
4			8,5	140.4
bb			8,0	140.9
WL			8,0	140.9
TP			12.34	136.52

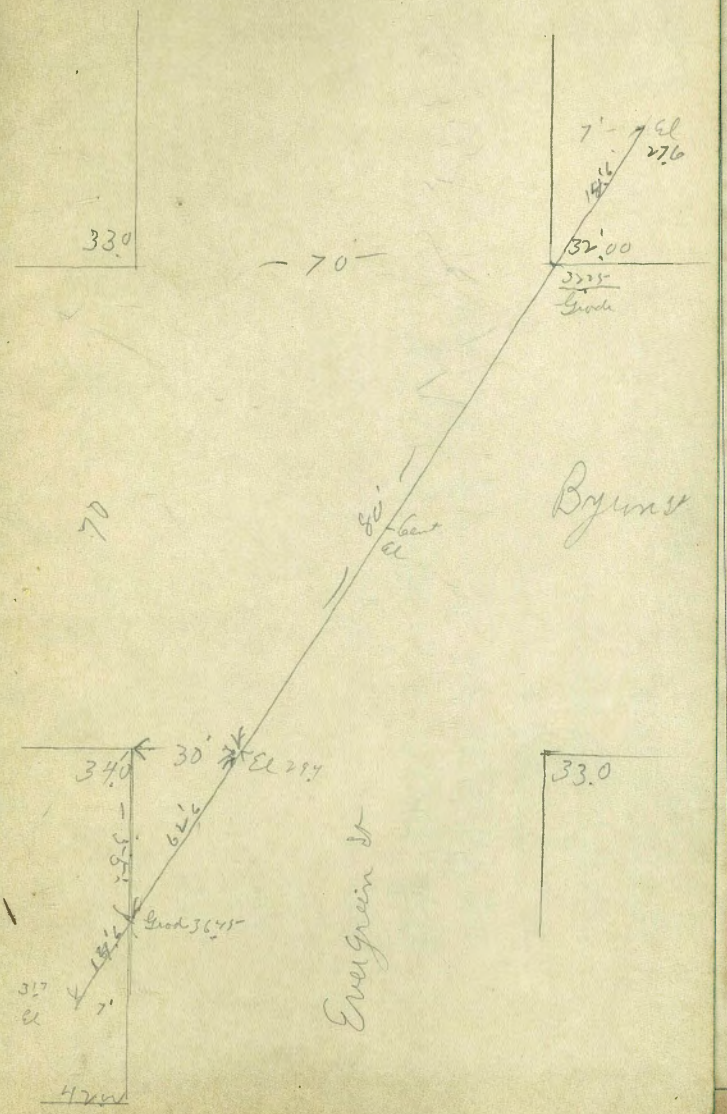
Continued in Book 363

POSTED

Culvert at Evergreen St
&
Byron St

8.96	29.37		20.41	7' Tack SW New Main & Rosecrans
11.37	39.60	1.14	28.23	
6.80	41.15	5.25	34.35	
7' W of WL		9.4	31.7	
WL of Evergreen		9.6	31.5	
S S of Byron		11.7	29.4	
Cent Byron		12.8	28.3	
NE bar		13.3	27.8	
70 E of EL Evergreen		13.6	27.6	

10" Culvert Es
~~None needed when~~ X streets are graded



DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

For Single Track Embankment.

Roadway 14 feet wide. Side Slopes $1\frac{1}{2}$ 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.