909

F.B. 909

LEVIL BOOK

No. 410 F

909

EUGENE DIETZGEN CO.
Drawing Materials and Surveying Instruments
NEW YORK. CHICAGO. SAN FRANCISCO.

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 20 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

MICROFILMED
DEC 16 1964

Copyright 1902. No. 39340.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	0
1	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	1
2	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	2
3	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	3
4	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	4
5	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	5
6	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	6
7	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	7
8	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	8
9	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	9
10	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	10
11	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	11
12	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	12
13	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	13
14	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	14
15	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	15
16	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	16
17	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	17
18	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	18
19	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	19
20	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	20
21	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	21
22	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	22
23	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	23
24	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	24
25	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	25
26	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	26
27	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	27
28	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	28
29	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	29
30	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	30
31	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	31
32	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	32
33	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	33
34	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	34
35	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	35
36	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	36
37	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	37
38	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	38
39	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	39
40	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	40

Calculated by F. E. Paradis, C. E.

Bancroft Pg 2 - 65 THIS Book

33 Rd St " 66 - 80. THIS Book

33 Rd St continued in Book 911 - Pg 1.

X. Sec. Bancroft St.
Nutmeg to A St 80' W. 4' Walks.

BM. SE. 30+ Beech.				223.29	
T.P.	6.64	229.93	0.54	229.39	
T.P.	8.17	237.56	5.42	232.14	
T.P.	7.83	239.97	11.73	228.24	
T.P.	8.56	236.80	12.30	224.50	
T.P.	0.45	224.95	12.44	212.51	
T.P.	0.98	213.49	12.73	200.76	
T.P.	0.44	201.20	13.10	188.10	
T.P.	1.12	189.22	12.79	176.43	
T.P.	1.56	177.99	0.22	177.77	= Hub Swear Bam + Ash.
T.P.	3.71	181.48	12.97	168.51	
T.P.	1.60	170.11	12.79	157.32	
T.P.	1.45	158.77	3.51	155.26	
	4.30	159.56			
	300'S of SL Ash.				
EL			4.1	155.5	
C/G			9.4	150.2	
℄			13.6	146.0	
			17.7	141.9	
1/4			22.1	137.5	
C			28.2	131.4	
WL			32.6	127.0	
+20			35.0	124.6	

PLOTTED

NW. 30+A = ap.k. Pale grd = 228.286
NE 30+Ash - " " " = 226.297
SE 30+Buch " " " = 223.292
NE end bridge mun. = 280.747

West Evans. Fletcher. Oct 30 1913.

32+ Nutmeg SE Cor Hub. 271.52
32+ Nat'l 1/2 - SW Hub PL 30.25
EL 13'S. ℄ Laurel Hub = 299.14
" " " Nat'l " = 296.56

2

Bancroft St

Nutmeg to A ST Pg 2 to 65 THIS BOOK

15956

235' S. SL. Ash.

−40	31.2	28.4
−35	34.4	25.2
−20	32.1	27.5
WL	27.2	32.4
C	23.9	35.7
1/4	20.0	39.6
℄	15.0	44.6
1/4	10.3	49.3
C	4.6	55.0
EL.	0.6	59.0

250' S.

EL.	1.3	58.3
C	5.7	53.9
1/4	10.2	49.4
℄	15.0	44.6
1/4	18.7	40.9
C	22.6	37.0
WL	25.9	33.7
+30	31.4	28.2
+40	33.4	26.2
+50	35.0	24.6
+55	32.3	27.3

PLOTTED

15956

238' S

−50	33.0	26.6
−40	30.5	29.1
−20	28.1	31.5
WL. bot draw.	26.0	33.6
C	21.4	38.2
1/4	17.7	41.9
℄	15.0	44.6
1/4	11.6	48.0
C	7.7	51.9
EL.	3.0	56.6

220' S.

EL. bot. draw	5.6	54.0
C	10.0	49.6
1/4	12.8	46.8
℄	13.9	45.7
1/4	14.5	45.1
C	17.5	42.1
WL.	21.3	38.3
+40	28.6	31.0
+51	29.0	30.6

159.56

200'S. Ash.

-50	27.4	132.2	
-25	25.2	34.4	
WL	18.6	41.0	
C	13.4	46.2	
1/4	9.8	49.8	
℄	7.3	52.3	
1/4	6.0	53.6	
C	4.4	55.2	
EL	0.8	58.8	
T.P.	0.39	159.17	

13.11 172.28

175'S.

EL	7.6	64.7	
C	10.3	62.0	
1/4	12.5	59.8	
℄	14.9	57.4	
1/4	18.0	54.3	
C	21.3	51.0	
WL	23.8	48.5	
+40	38.0	34.3	
+50	40.0	32.3	

PLOTTED

172.28

150'S

-50	38.2	134.1	
-35	36.5	35.8	
WL	17.6	54.7	
C	13.4	58.9	
1/4	10.6	61.7	
℄	9.1	63.2	
1/4	6.9	65.4	
C	4.2	68.1	
EL	2.9	69.4	

125'S

EL	-1.0	173.3	
C	0.6	171.7	
1/4	2.6	69.7	
℄	4.8	67.5	
1/4	6.1	66.2	
C	7.9	64.4	
WL	14.5	57.8	
+30	33.7	38.6	
+50	36.2	36.1	

		172.28		
		100'S		
-50			33.2	139.1
-30			28.0	44.3
WL			14.4	57.9
C			7.5	64.8
1/4			3.5	68.8
℄			1.0	71.3
T.P.	12.94	185.11	0.11	172.17
1/4			11.0	74.1
C			9.1	76.0
EL			8.2	76.9
		75'S		
EL			3.8	81.3
C			4.9	80.2
1/4			8.6	76.5
℄			11.0	74.1
1/4			14.4	70.7
C			17.3	67.8
WL			21.9	63.3
-50				147.3

PLOTTED

		185.11		
		50'S		
-30			20.4	164.7
W.L.			13.8	71.3
C			11.6	73.5
1/4			9.6	75.5
℄			7.6	77.5
1/4			4.1	81.0
C			1.8	83.3
EL			0.6	84.5
T.P.	12.49	197.60	0.00	185.11
		25'S		
EL			9.0	88.6
C			10.2	87.4
1/4			12.1	85.5
℄			14.8	82.8
1/4			17.1	80.5
C			19.3	78.3
WL			22.5	75.1
+30				166.7

197.60

S.L. Ash. 80' W. 14' Walks.

-20	24.1	173.5
WL	20.0	77.6
C	16.8	80.8
1/4	13.8	83.8
℄	11.4	86.2
1/4	9.2	88.4
S	7.4	90.2
EL.	5.8	91.8

S Curb.

EL	4.6	93.0
C	5.8	91.8
1/4	7.6	90.0
℄	10.1	87.5
1/4.	12.2	85.4
C	15.0	82.6
WL	17.6	80.0
+20	22.4	75.2

PLOTTED

197.60

S 1/4

-20	21.7	175.9
WL	15.0	82.6
C	13.7	83.9
1/4	10.6	87.0
℄	8.5	89.1
1/4	6.2	91.4
S	4.9	92.7
EL	4.1	93.5

℄ Ash.

EL	3.5	94.1
C	4.3	93.3
1/4	5.3	92.3
℄	7.4	90.2
1/4	9.8	87.8
C	12.7	84.9
WL	15.0	82.6
+20	20.9	76.7

	1976.0	
	N 1/4	
-20	19.0	178.6
WL	14.7	82.9
C	11.6	86.0
1/4	8.9	88.7
℄	6.3	91.3
1/4	4.6	93.0
C	3.5	94.1
EL	2.8	94.8
	N Curb	
EL	2.3 / 1.1	95.3 / 96.5
C	2.8	94.8
1/4	3.7	93.9
℄	5.1	92.5
1/4	7.8	89.8
C	10.6	87.0
WL	13.5	84.1
+20	17.0	80.6

PLOTTED

	1976.0		
	NL Ash		
-20	17.1	180.5	
WL	12.0	85.6	
C	8.6	89.0	
1/4	6.0	91.6	
℄	4.1	93.5	
1/4	2.9	94.7	
C	1.6	96.0	
+1	1.2	96.4	
EL	0.4	97.2	
T.P.	0.68	196.92	
Low T.P. tacheck B.M.	11.95	185.65	
B.M. S.W. Cor of Ash + Bancroft	0.46	186.11	
	8.37	177.74	177.77 177.74 low .03
T.P. Corrected		196.95	
	11.50	208.45	

20845

25' N of Ash

EL	10.0	198.5
+13	10.9	97.6
C	11.2	97.3
1/4	11.7	96.8
℄	13.0	95.5
1/4	14.9	93.6
C	17.7	90.8
WL	20.2	88.3
+20	24.0	84.5

50' N.

−20	23.0	85.5
WL	18.1	90.4
C	14.7	93.8
1/4	12.6	95.9
℄	10.9	97.6
1/4	9.9	98.6
C	9.6	98.9
EL	8.7	99.8

PLOTTED

20845

75' N.

EL	7.5	201.1
C	8.2	200.3
1/4	8.5	200.0
℄	9.2	199.3
1/4	10.7	97.8
C	12.1	96.4
WL	15.7	92.8
+20	20.4	88.1

100' N

−20	15.6	92.9
WL	12.0	96.5
C	9.6	98.9
1/4	8.5	200.0
℄	7.5	201.0
1/4	7.0	201.5
C	6.8	201.7
+1	6.2	202.3
EL	5.7	202.8

20845

125' N.

EL +13	4.8	203.7
	5.0	203.5
C	5.5	203.0
1/4	5.9	202.6
℄	6.2	202.3
1/4	7.0	201.5
C	7.8	200.7
WL	9.5	199.0
+20	12.8	95.7

150' N.

−20	9.5	99.0
WL	7.1	201.4
C	6.1	202.4
1/4	5.2	203.3
℄	4.6	203.9
1/4	4.3	204.2
C	4.3	204.2
+1 EL	4.0	204.5
	3.6	204.9

PLOTTED

20845

175' N

EL +13	2.1	206.4
	2.6	205.9
C	3.0	205.5
1/4	2.9	205.6
℄	3.2	205.3
1/4	3.8	204.7
C	4.6	203.9
WL	5.5	203.0
+5	6.0	202.5

200' N.

−20	6.7	201.8
WL	3.6	204.9
C	3.3	205.2
1/4	2.5	206.0
℄	2.1	206.4
1/4	1.6	206.9
C	1.4	207.1
EL	1.0	207.5

	208.45		
	225' N.		
EL	-0.3	208.8	
+13	0.1	208.4	
C	0.5	208.0	
1/4	0.4	208.1	
℄	0.7	207.8	
1/4	1.3	207.3	
C	2.0	206.5	
WL	2.6	205.9	
+20	5.1	203.4	
T.P.	1.60	205.85	
12.00	218.85		
B.M. Hub S.W. Beach + Bancroft.	8.81	210.04	
	250' N.		
-20	14.5	204.4	
WL	11.8	207.1	
C	11.1	207.8	
1/4	10.5	208.4	
℄	9.9	209.0	
1/4	9.5	209.4	
C	9.4	209.5	
+1 EL.	8.7	10.2	
	8.7	10.2	

PLOTTED

	218.85		
	275' N.		
EL	6.8	212.1	
+13	7.4	11.5	
C	8.1	10.8	
1/4	8.2	10.7	
℄	8.6	10.3	
1/4	9.0	209.9	
C	9.7	209.2	
WL	10.2	208.7	
+20	12.3	206.6	
	300' N = 5L. Beach 80' W. 14' Walks.		
WL	8.9	10.0	
C	8.5	10.4	
1/4	7.9	11.0	
℄	7.0	11.9	
1/4	6.6	12.3	
C	6.9	12.0	
+1 EL.	6.4	12.5	
	5.9	13.0	
	S. Curb.		
EL	4.9	14.0	
C	5.7	13.2	
1/4	6.2	12.7	
℄	6.4	12.5	

	218.85		
1/4		7.2	211.7
C		7.7	11.2
WL.		8.1	10.8
	S 1/4		
WL		7.3	11.6
C		6.6	12.3
1/4		6.0	12.9
℄		5.4	13.5
1/4		4.9	14.0
C		4.6	14.3
EL.		4.0	14.9
	℄ Beech.		
EL		3.3	15.6
C		3.9	15.0
1/4		4.5	14.4
℄		5.0	13.9
1/4		5.6	13.3
C		6.2	12.7
WL.		6.5	12.4

PLOTTED

	218.85		
	N 1/4		
WL		5.4	213.5
C		5.0	13.9
1/4		4.6	14.3
℄		4.1	14.8
1/4		3.5	15.4
C		3.0	15.9
EL.		2.3	16.6
	N Curb.		
EL		1.6	17.3
C		2.2	16.7
1/4		2.6	16.3
℄		3.0	15.9
1/4		3.7	15.2
C		4.2	14.7
WL.		4.6	14.3
	NL Beech.		
WL		3.7	15.2
C		2.8	16.1
1/4		2.5	16.4
℄		1.9	17.0

		218.85		
1/4			1.6	217.3
C			1.2	17.7
EL			0.6	18.3
T.P.			0.39	218.46
	12.58	231.04		
		25' N. Beech		
EL			10.1	20.9
C			11.0	20.0
1/4			11.3	19.7
℄			11.8	19.2
1/4			12.5	18.5
C			13.0	18.0
WL			13.7	17.3
		50' N.		
WL			11.6	19.4
C			10.5	20.5
1/4			9.7	21.3
℄			9.1	21.9
1/4			8.6	22.4
C			8.4	22.6
EL			8.2	22.8

PLOTTED

		231.04		
		75' N.		
EL			5.7	225.3
C			5.9	25.1
1/4			6.3	24.7
℄			6.7	24.3
1/4			7.0	24.0
C			7.5	23.5
WL			8.2	22.8
		100' N.		
WL			5.7	25.3
C			5.0	26.0
1/4			4.8	26.2
℄			4.5	26.5
1/4			4.0	27.0
C			3.7	27.3
EL			3.1	27.9
T.P.			1.99	229.05
	12.80	241.85		

	241.85		
	125'N.		
EL		12.0	29.9
C		12.0	29.9
1/4		12.1	29.8
℄		12.8	29.1
1/4		13.3	28.6
C		13.2	28.7
WL		13.4	27.5
	150'N.		
WL		11.0	30.9
C		11.0	30.9
1/4		10.8	31.1
℄		10.4	31.5
1/4		10.0	31.9
C		10.0	31.9
EL		10.0	31.9
	175'N.		
EL		7.7	34.2
C		8.0	33.9
1/4		7.7	34.2
℄		7.8	34.1

PLOTTED

	241.85		
1/4		8.5	233.4
C		8.5	33.4
WL		8.7	33.5
	200'N.		
WL		6.0	35.9
C		5.9	36.0
1/4		6.1	35.8
℄		6.1	35.8
1/4		5.9	36.0
C		6.0	35.9
EL		6.2	35.7
	225'N.		
EL		4.9	37.0
C		5.0	36.9
1/4		4.9	37.0
℄		4.6	37.3
1/4		4.4	37.5
C		3.7	38.2
WL		3.5	38.4
T.P.		2.02	239.83
	9.50	249.33	

	24933		
	250'N.		
WL		9.0	240.3
C		9.4	39.9
1/4		9.6	39.7
℄		11.1	38.2
1/4		11.6	37.7
C		11.7	37.6
EL		11.8	37.5
	275'N.		
EL		11.3	38.0
C		11.0	38.3
1/4		10.9	38.4
℄		10.5	38.8
1/4		9.2	40.1
C		8.5	40.8
WL		7.6	41.7
	300'N = S.L. Cedar 80' W. 14' Wks		
WL		6.7	42.6
C		7.8	41.5
1/4		8.8	40.5
℄		9.9	39.5

PLOTTED

	24933		
1/4		10.4	238.9
C		10.6	38.7
EL		10.9	38.4
	S. Curb.		
EL		11.1	38.2
C		10.7	38.6
1/4		10.1	39.2
℄		9.7	39.6
1/4		9.1	40.2
C		7.5	41.8
WL		6.3	43.0
	S/4.		
WL		6.3	43.0
C		7.5	41.8
1/4		8.7	40.6
℄		9.4	39.9
1/4		10.1	39.2
C		10.5	38.8
EL		11.0	38.3

24933

℄ Cedar.

EL.	11.1	23.82
C	10.4	38.9
1/4	10.0	38.3
℄	8.9	40.4
1/4	8.0	41.3
C	7.4	41.9
WL.	6.7	42.6

N 1/4

WL	6.4	42.9
C	7.4	41.9
1/4	8.2	41.1
℄	9.2	40.1
1/4	10.0	39.3
C	10.8	38.5
EL	11.5	37.8

N Curb.

EL	11.4	37.9
C	10.8	38.5
1/4	10.4	38.9

PLOTTED

24933

℄	9.2	40.1
1/4	8.2	41.1
C	7.4	41.9
WL.	6.5	42.8

N.L. Cedar

WL	6.8	42.5
C	7.8	41.5
1/4	8.6	40.7
℄	9.6	39.7
1/4	10.6	38.7
C	11.6	37.7
EL.	12.3	37.0
+10	13.0	36.3

25' N of Cedar

EL	14.2	35.1
	13.4	35.9
C	12.2	37.1
1/4	11.3	38.1
℄	10.5	38.8
1/4	9.5	39.8
C	8.4	40.9
WL	7.4	41.9

249.33

50' N. of Cedar

WL	8.1	341.3
C	9.5	39.8
1/4	10.5	38.8
℄	11.7	37.6
1/4	12.7	36.6
C	13.6	35.7
EL	14.2	35.1
+10	14.8	34.5

75' N.

-10	15.6	33.7
EL	15.2	34.1
C	14.3	35.0
1/4	13.5	35.8
℄	12.6	36.7
1/4	11.4	37.9
C	10.6	38.7
WL	9.4	39.9
T.P.	10.53	238.80
	1.35	240.15

PLOTTED

240.15

100' N.

WL	1.4	238.8
C	2.3	37.9
1/4	3.2	37.0
℄	4.3	35.9
1/4	5.1	35.1
C	5.9	34.3
EL	6.7	33.5
+10	7.3	32.9

175' N.

-10	7.9	32.3
EL	7.4	32.8
C	6.5	33.7
1/4	5.4	34.8
℄	4.5	35.7
1/4	3.8	36.4
C	3.3	36.9
WL	2.6	37.6

240.15

150' N.

WL	3.8	234.4
C	4.4	35.8
1/4	4.8	35.4
℄	5.2	35.0
1/4	5.8	34.4
C	6.7	33.5
EL	7.6	32.6
+10	8.2	32.0

175' N.

-10	9.3	30.9
EL	8.5	31.7
C	8.0	32.2
1/4	7.3	32.9
℄	6.6	33.6
1/4	5.7	34.3
C	5.4	34.8
WL	4.8	35.4

PLOTTED

240.15

200' N.

WL	5.6	234.6
C	6.2	34.0
1/4	6.8	33.4
℄	7.6	32.6
1/4	8.2	32.0
C	8.8	31.4
EL	9.4	30.8
+10	9.9	30.3

225' N.

-10	10.5	29.7
EL	10.0	30.2
C	9.5	30.7
1/4	9.1	31.1
℄	8.7	31.5
1/4	7.8	32.4
C	7.1	33.1
WL	6.4	33.8

240.15

250' N.

WL	7.0	233.7
C	7.9	32.3
1/4	8.8	31.4
℄	9.3	30.9
1/4	9.9	30.3
C	10.4	29.8
EL	11.0	29.7
+10	11.4	28.8

275' N.

-10	12.0	28.7
EL	11.5	28.7
C	11.3	28.9
1/4	10.9	29.3
℄	10.2	30.0
1/4	9.6	30.6
C	8.8	31.4
WL	8.0	32.2

PLOTTED

240.15

300' N = SL Cate St 80' W 14' Walks

WL	8.9	231.3
C	9.4	30.8
1/4	10.3	29.9
℄	11.1	29.1
1/4	11.8	28.4
C	12.2	28.0
EL	12.5	27.7
+10	12.5	27.7

S Curb

-10	12.7	27.5
EL	12.6	27.6
C	12.5	27.7
1/4	12.2	28.0
℄	11.5	28.7
1/4	10.6	29.6
C	10.0	30.2
WL	9.4	30.8
T.P.	10.32	229.83

212 231.95

BM. 13'S + W Tree Dt. Hob 2.71 229.24

	231.95		
	5 1/4		
WL	1.8	230.2	
C	2.1	229.9	
1/4	2.7	229.3	
℄	3.6	228.4	
1/4	4.3	227.7	
C	4.6	227.4	
EL	4.5	227.5	
	℄ Data		
EL	5.0	227.0	
C	4.7	227.3	
1/4	4.5	227.5	
℄	4.1	227.9	
1/4	3.2	228.8	
C	2.6	229.4	
WL	2.1	229.9	
	N 1/4		
WL	2.2	229.8	
C	2.7	229.3	
1/4	3.6	228.4	

PLOTTED

	231.95		
℄	4.2	227.8	
1/4	4.8	227.2	
C	5.1	226.9	
EL	5.3	226.7	
	N Curb		
EL	5.3	226.7	
C	5.3	226.7	
1/4	5.0	227.0	
℄	4.3	227.7	
1/4	3.7	228.3	
C	3.0	229.0	
WL	2.5	229.5	
	NL Data		
WL	2.7	229.3	
C	3.4	228.6	
1/4	4.0	228.0	
℄	4.6	227.4	
1/4	5.3	226.7	
C	5.6	226.4	
EL	5.6	226.4	

231.95

25' N. of Date

EL	5.9	224.1
C	6.0	24.0
1/4	5.8	24.2
℄	5.5	24.5
1/4	4.8	27.2
C	4.3	27.7
WL	3.7	28.3

50' N.

WL	4.8	27.2
C	5.1	24.9
1/4	5.4	24.6
℄	6.0	24.0
1/4	6.3	25.7
C	6.3	25.7
EL	6.4	24.6

75' N

EL	7.1	24.9
C	7.0	25.0
1/4	6.7	25.3

231.95

℄	6.2	25.8
1/4	5.7	24.3
C	5.4	24.6
WL	5.7	24.3

100' N.

WL	7.0	25.0
C	6.7	25.3
1/4	6.5	25.5
℄	6.4	25.6
1/4	7.0	25.0
C	7.9	24.1
EL +7	8.8	23.2
	7.8	24.2

125' N.

EL	7.5	24.5
C	9.1	22.9
+5	9.9	22.1
1/4	8.4	23.6
℄	7.8	24.2
1/4	7.8	24.2
C	8.2	23.8
WL	8.7	23.3

231.95

150' N.

WL	10.8	22.2
C	10.3	21.7
1/4	9.9	22.1
℄	9.8	22.2
1/4	10.7	21.3
C	8.7	23.3
EL.	7.9	24.1

170' N.

EL	8.0	24.0
C	8.5	23.5
1/4	9.2	22.8
℄	9.8	22.2
1/4	10.5	21.5
C	13.0	19.0
WL	14.1	17.9
+20	15.8	16.2

180' N.

PLOTTED

WL	11.5	21.5
C	10.8	21.2
1/4	10.1	21.9

231.95

℄	9.6	22.4
1/4	9.1	22.9
C	8.6	23.4
EL	8.3	23.7

200' N.

EL	8.4	23.6
C	8.7	23.3
1/4	9.2	22.8
℄	9.6	22.4
1/4	10.0	22.0
C	10.4	21.6
WL	10.8	21.2

225' N.

WL	11.0	21.0
C	10.5	21.5
1/4	10.0	22.0
℄	9.4	22.6
1/4	8.8	23.2
C	8.9	23.1
EL	8.6	23.4

23195

250' N.

EL.	9.0	223.0
C	9.1	22.9
1/4	9.0	23.0
℄	8.9	23.1
1/4	9.3	22.7
C	9.5	22.5
WL.	9.8	22.2

275' N.

WL	8.5	23.5
C	8.4	23.6
1/4	8.5	23.5
℄	8.6	23.4
1/4	9.0	23.0
C	9.3	22.7
EL.	10.0	22.0

300' N = 5L. Elm. 80' W. 14' Walks.

PLOTTED

EL	11.4	20.6
C	10.6	21.4
1/4	9.6	22.4

23195

℄	8.5	223.5
1/4	7.8	24.2
C	7.2	24.8
WL	6.7	25.3
T.P. Rock 6' N. SW. Cor.	6.95	225.90

12.92 238.82

S Corb.

WL	12.2	26.6
C	13.2	25.6
1/4	14.2	24.6
℄	15.2	23.6
1/4	16.3	22.5
C	17.4	21.4
EL	18.5	20.5
+15	19.5	19.5

5 1/4

-15	19.6	19.2
EL.	18.3	20.5
C	17.1	21.7

238.82

1/4	16.0	27.8
℄	14.7	24.1
1/4	13.3	25.5
C	12.3	26.5
WL	11.4	27.4
℄ Elm.		
WL	10.4	28.4
C	11.6	27.2
1/4	12.7	26.1
℄	14.6	24.2
1/4	16.0	22.8
C	17.0	21.8
EL +15	18.2	20.6
	20.0	18.8
N 1/4		
-15	19.7	19.1
EL	18.0	20.8
C	16.2	22.6
1/4	15.1	23.7

PLOTTED

238.82

℄	13.5	25.3
1/4	11.7	27.1
C	10.5	28.3
WL	9.0	29.8
N Curb		
WL	8.0	30.8
C	9.2	29.6
1/4	11.1	27.7
℄	13.0	25.8
1/4	15.0	23.8
C	16.1	22.7
EL +15	17.9	20.9
	19.0	19.8
-15 NL Elm.	18.8	20.0
EL	17.1	21.7
C	15.4	23.4
1/4	14.0	24.8
℄	11.6	27.2
1/4	9.4	29.4
C	7.9	30.9
WL +6 +8	7.4	31.4
	6.5	32.3
	6.0	32.8

238.82

25' N.

WL +6 +8	3.8	33.0
	3.9	34.9
C	4.7	34.1
	5.3	33.5
1/4	6.3	32.5
℄	8.3	30.5
1/4	10.8	28.0
C	13.4	25.4
EL Bldg.	14.6	24.2

50' N.

-N	11.5	27.3
EL	7.9	30.9
C	7.8	31.0
1/4	6.5	32.3
℄	5.0	33.8
1/4	3.8	35.0
C	3.3	35.5
	2.5	36.3
WL +5 +7	1.8	37.0
	1.5	37.3
T.P.	0.70	238.12

PLOTTED

12.42 250.54

250.54

75' N.

WL	10.8	39.7
+7	11.1	39.4
+9	12.8	37.7
C	13.3	37.2
1/4	13.7	36.8
℄	14.0	36.5
1/4	14.6	35.9
C	15.5	35.0
EL	16.6	33.9
+20	19.0	31.5

100' N.

-20	16.0	34.5
EL	12.4	38.1
C	12.8	37.7
1/4	12.4	38.1
℄	12.2	38.3
1/4	12.1	38.4
C	11.1	39.4
+5	10.6	39.9
+7	9.3	41.2
WL	8.9	41.6

250.54

125' N.

WL	7.0	34.35
℄ 7	7.4	43.1
+ 9	8.6	41.9
C	8.5	42.0
1/4	9.9	40.6
℄	10.1	40.4
1/4	10.5	40.0
C	11.4	39.1
EL +1	12.1	38.4
	11.8	38.7

150' N.

EL +13	11.5	39.0
C	11.3	39.2
1/4	11.0	39.5
℄	9.7	40.8
1/4	8.8	41.7
C	8.4	42.1
+ 5	7.4	43.1
+ 7	6.8	43.7
WL	5.6	44.9
	5.4	45.1

PLOTTED

250.54

175' N.

WL	4.1	34.64
+ 7	4.3	44.2
+ 9	5.6	44.9
C	6.5	44.0
1/4	7.3	43.2
℄	7.8	42.7
1/4	9.2	41.3
C +12	10.5	40.0
	11.2	39.3
EL	11.0	39.5

200' N.

EL	10.6	39.9
C +1	10.8	39.7
1/4	10.2	40.3
℄	9.0	41.5
1/4	7.5	43.0
C	6.1	44.4
+ 3	5.2	45.3
+ 8	5.0	45.5
WL	2.9	47.6
	2.7	47.8

250.54

225' N.

WL.	1.4	249.1
#7	1.6	48.9
C	3.8	46.7
1/4	4.9	45.6
℄	6.2	44.3
1/4	8.1	42.4
C +12	9.7	40.8
	10.5	40.0
EL.	10.0	40.5

250' N.

EL	9.6	40.9
C	9.4	41.1
1/4	8.6	41.9
	6.5	44.0
℄	5.2	45.3
1/4	3.6	46.9
C	2.8	47.7
7 +5	1.9	48.6
	0.7	49.8
WL.	0.4	50.1
T.P. Keel Rock	0.32	250.22

PLOTTED

8.12 259.14

259.14

275' N.

WL	8.2	3 +0.9
7	8.4	+0.7
9	9.6	49.5
C	10.4	48.7
1/4	11.5	47.6
℄	13.0	46.1
1/4	14.8	44.3
C	17.2	41.9
EL	17.4	41.7

300' N = SL Fir 80' W. 4' Walks

EL	18.4	40.7
C	17.9	41.3
1/4	14.2	44.9
℄	12.1	47.0
1/4	10.4	48.7
C +4	9.3	49.8
WL +5	8.7	+0.4
	7.8	+1.3
	7.1	+2.0

Bldg. detaining wall

	259.14			
	+2 N SL. Fir			
WL +9			7.1	252.0
C +8			7.8	51.3
			8.7	50.4
			9.2	49.9
1/4			11.2	48.9
℄			12.0	47.1
1/4			13.2	45.9
C			18.9	40.3
EL 35			26.4	32.7
			41.1	218.0
T.P. Keel Rock See P 26			250.22	
	9.69	259.91		
		⊃ Curb		
WL		7.0	52.9	
C		8.8	51.1	
1/4		10.2	49.7	
℄		11.8	48.1	
1/4		14.6	45.3	
C		19.6	40.3	
EL		27.0	32.9	
+38		47.3	12.6	
+48		41.4	218.5	

PLOTTED

	259.91			
	5 1/4			
-50		39.0	220.9	
+32		46.8	13.1	
EL		30.2	29.7	
C		20.4	39.5	
1/4		14.3	45.6	
℄		11.4	48.5	
1/4		9.5	50.4	
C		8.1	51.8	
WL		6.1	53.8	
	℄			
WL		5.1	54.8	
C		7.4	52.5	
1/4		8.6	51.3	
℄		10.4	49.5	
1/4		14.9	45.5	
C		20.9	39.0	
EL		28.3	31.6	
+35		45.5	14.4	
+48		38.0	21.9	

259.91

1Y/4

-45	37.8	222.1
-30	45.2	214.7
EL	31.0	28.9
C	22.0	37.9
1/4	14.9	45.0
℄	10.2	49.7
1/4	7.5	52.4
C	6.3	53.6
WL	4.2	55.7

N. Curb

WL	3.4	56.5
C	5.7	54.2
1/4	7.1	52.8
℄	9.7	50.2
1/4	13.9	46.0
C	21.7	38.2
EL	31.3	28.6
+25	43.3	16.6
+40	37.0	22.9

PLOTTED

259.91

NL Fir

-45	35.0	224.9
-30	41.5	184
-25	41.4	185
EL	28.6	31.3
C	24.0	35.9
1/4	14.5	45.4
℄	8.0	51.9
1/4	5.8	54.1
C	4.8	55.1
+4	3.7	56.2
+7	2.0	57.9
WL	1.7	58.2

25' N of Fir

WL	0.6	59.3
+1	1.0	58.9
+7	1.3	58.6
+10	3.0	56.9
C	3.8	56.1
1/4	4.4	55.5
℄	6.1	53.8
1/4	9.8	50.1
C	18.6	41.3
EL	29.4	30.5
+17	38.0	21.9
+25	37.4	22.5
+35	31.0	28.9

259.91

50' N

-35	31.4	228.5
-25	35.4	24.5
-20	35.3	24.6
EL.	26.4	33.5
C	18.2	41.7
1/4	8.6	51.3
℄	4.9	55.0
1/4	3.0	56.9
C	2.3	57.6
+4	1.9	58.0
+7	0.2	59.7
+13	0.1	59.8
WL.	+0.1	260.0
T.P.	0.01	259.90

9.11 269.01

75' N

WL	7.1	61.9
+2	8.3	60.7
+8	8.8	60.2
C	10.5	58.5
1/4	11.3	57.7
℄	13.8	55.2
1/4	16.8	52.2
C	24.0	45.0

PLOTTED

269.01

EL	34.0	235.0
+13	42.0	27.0
+18	42.1	26.9
+30	42.0	27.0
+40	37.2	31.8

85' N.

-35	36.0	33.0
-20	40.8	28.2
EL	29.8	39.2
C	22.7	46.3
1/4	16.6	52.4
℄	12.6	56.4
1/4	10.5	58.5
C	10.1	58.9
+4	9.3	59.7
+7	8.1	60.9
WL	7.4	61.6

100' N

WL	7.4	61.6
+7	7.6	61.4
+9	8.8	60.2
C	9.5	59.5

269.01

1/4	10.0	359.0
℄	12.3	56.7
1/4	17.6	51.4
C	24.2	44.8
EL	32.8	36.7
+18	41.0	28.0
+35	34.0	35.0

125' N.

WL.	6.6	67.4
+7	6.7	67.3
+10	8.3	65.7
C	8.3	65.7
1/4	8.9	65.1
℄ +6	10.0	59.0
	14.0	55.0
1/4	23.2	45.8
C	30.5	38.5
EL	34.1	34.9
+10	38.2	30.8
+25	31.0	38.0
~~4~~		

PLOTTED

269.01

150' N.

-25	28.9	240.1
-15	34.2	34.8
EL.	28.3	40.7
C.	18.4	50.6
1/4	15.4	53.6
℄	12.0	57.0
1/4 +7	9.7	59.3
C	6.7	62.3
+4	6.9	62.1
+7	7.0	62.0
WL.	5.9	63.1
	5.2	63.8

175' N.

WL	3.8	65.7
+7	4.2	64.8
+10	5.2	63.8
C	5.3	63.7
1/4	5.4	63.6
℄	6.8	62.2
1/4	10.0	59.0
C	14.0	55.0
+10	17.0	52.0
+11	19.0	50.0
EL	19.9	49.1

Con't

26901

175' N.

EL	19.9	249.1
+20	30.9	48.1
+30	29.6	39.4
+40	22.6	44.4

185' N.

-40	21.5	47.5
-30	27.1	41.9
-24	29.0	40.0
-2	17.2	51.8
EL	15.1	53.9
+6	12.4	56.6
C	12.7	56.3
1/4	11.4	57.6
℄	9.1	59.9
+6	5.1	63.9
1/4	4.7	64.3
C	4.8	64.2
+4	4.5	64.5
+7	3.3	65.7
WL	3.1	65.9

PLOTTED

26901

200' N.

WL	1.9	267.1
+7	2.4	66.6
+10	3.5	65.5
C	3.6	65.4
1/4	4.0	65.0
+5	4.3	64.7
+8	6.9	62.1
℄	9.0	60.0
1/4	11.0	58.0
C	11.1	57.9
+7	12.2	56.8
EL	17.0	52.0
+20	26.3	42.7
+30	21.1	47.9

225' N.

-30	19.0	50.0
-14	24.8	44.2
EL	18.0	51.0
C	12.2	56.8

		269.01		
1/4			9.0	260.0
℄			3.0	66.0
1/4			2.5	66.5
C			2.2	66.8
+4			1.7	67.3
+8			0.8	68.2
+13			0.6	68.4
WL			0.3	68.7
T.P.			-0.01	269.02
	11:20	280.22		
		250'N		
WL			10.4	69.8
+10			11.4	68.8
+11			11.9	68.3
C			12.3	67.9
1/4			12.7	67.5
℄			13.4	66.8
1/4			16.1	64.1
C			20.7	59.5
EL			22.6	57.6
+15			27.6	52.6
+30			25.0	55.2

PLOTTED

		280.22		
		265		
-30			21.6	258.6
-15			24.0	56.2
-5			23.5	56.7
EL			24.0	56.2
C			20.8	59.4
1/4			14.7	65.5
+5			12.6	67.6
℄			12.4	67.8
1/4			11.8	68.4
C			11.5	68.7
+7			10.3	69.9
+13			10.0	70.2
WL			9.7	70.5
		275'N		
WL			9.3	70.9
+7			9.8	70.4
+10			10.4	69.8
C			11.1	69.1
1/4			11.3	68.9
℄			11.8	68.4
1/4			13.0	67.2
C			18.3	61.9
EL			22.6	57.6
+10			19.5	60.7
+15			20.8	59.4
+25			19.0	61.2

280.22 14' Walks.

300' N = SL Grape 80' W

-20	14.4	265.8
EL	14.9	65.3
C	17.3	62.9
1/4	15.5	64.7
+6	11.3	68.9
℄	10.7	69.5
1/4	10.3	69.9
C	10.1	70.1
+5	9.5	70.7
+7	8.7	71.5
WL	8.4	71.8
T.P. Reel Mark. Cor Walk. SW Cor Grape + Bancroft.	8.15	272.07
Hub. SE 32 + Grape.	0.90	279.32
		279.19
		.13 high.
9.12 281.19		

{32' N.Sec By Grade 279.19}

PLOTTED

281.19

S. Curb.

WL	9.2	273.0
C	10.5	70.7
1/4	10.7	70.5
℄	11.9	69.3
1/4	13.1	68.1
C	12.2	69.0
EL	10.6	70.6

S 1/4

EL	9.1	72.1
C	9.5	71.7
1/4	9.6	71.6
℄	9.6	71.6
1/4	9.8	71.4
C	9.6	71.6
WL	9.2	72.0

℄ Grape

WL	8.6	72.6
C	9.3	71.9
1/4	9.3	71.9

28119

℄	9.0	77.2
1/4	8.9	77.3
C	8.6	77.6
EL.	8.2	78.0
N/4		
EL	7.6	73.6
C	7.8	73.4
1/4	8.1	73.1
℄	8.2	73.0
1/4	8.3	72.9
C	8.2	73.0
WL	8.3	72.9
N Curb		
WL	7.4	73.8
C	7.4	73.8
1/4	7.5	73.7
℄	7.5	73.7
1/4	7.4	73.8
C	7.1	74.1
EL.	6.6	74.6

PLOTTED

28119

N.L. Grape

EL	6.1	75.1
C	6.4	74.8
1/4	6.5	74.7
℄	6.7	74.5
1/4	6.7	74.5
C	6.6	74.6
WL.	7.1	74.1
25' N of Grape		
WL.	6.0	75.2
C	5.7	75.5
1/4	5.7	75.5
℄	5.6	75.6
1/4	5.4	75.8
C	5.4	75.8
EL.	5.3	75.9
50' N.		
EL	5.0	76.2
C	5.1	76.1
1/4	5.1	76.1

281.19

℄	5.0	276.7
1/4	5.0	76.7
C	4.9	76.3
WL	4.7	76.5
75' N		
WL	4.7	76.5
C	4.9	76.3
1/4	5.2	76.0
℄	5.2	76.0
1/4	5.3	75.9
C	5.4	75.8
EL.	5.7	75.5
100' N		
EL	6.7	74.5
C	6.5	74.7
1/4	6.2	75.0
℄	6.0	75.2
1/4	5.8	75.4
C	5.6	75.6
WL.	5.2	76.0

PLOTTED

281.19

125' N.		
WL	6.1	275.1
C	6.7	74.5
1/4	6.9	74.3
℄	7.3	73.9
1/4	8.1	73.1
C	8.5	72.7
EL	9.3	71.9
+10	9.6	71.6
150' N.		
-15	13.1	68.1
EL	11.9	69.3
C	11.4	69.8
1/4	10.9	70.3
℄	10.1	71.1
1/4	9.5	71.7
C	8.6	72.6
WL	7.4	73.8
175' N.		
WL	9.6	71.6
C	10.9	70.3
1/4	12.8	68.4

		281.19		
℄			15.0	266.2
T.P. rock			12.99	268.20
	4.63	272.83		
1/4			7.5	265.3
C			8.9	263.9
EL			9.0	263.8
+15			9.8	263.0
		200' N.		
-15			22.4	250.4
EL			21.6	251.2
C			21.4	251.4
1/4			20.2	252.6
℄			17.0	255.8
1/4			9.8	263.0
C			6.2	266.6
WL			3.6	269.2
		225' N		
WL			8.1	264.7
C			16.7	256.1
1/4			21.4	251.4

PLOTTED

		272.83		
℄			25.7	247.1
1/4			32.6	240.2
C			34.7	238.1
EL			34.4	238.4
+30			36.2	236.6
+40			38.0	234.8
		250' N.		
-30			47.0	225.8
EL			46.0	226.8
C			43.1	229.7
1/4			37.4	235.4
℄			32.5	240.3
1/4			26.0	246.8
C			19.6	253.2
WL			12.3	260.5
T.P.			12.74	260.09
	1.21	261.30		
		275' N.		
WL			8.2	253.1
C			13.6	247.7
1/4			19.3	242.0

	261.30			
℄		22.9	238.4	
1/4		28.4	32.9	
C		34.9	24.4	
EL		43.1	18.2	
+TP		46.2	15.1	
+30		48.4	12.9	
+35		49.0	12.3	
	300' N=SL. Hawthorn. 80' Wide, 14' Walks.			
-56 bot Canon.		64.1	197.2	
-40		58.2	203.1	
-25		53.0	208.3	
EL		47.0	14.3	
C		41.3	20.0	
1/4		36.1	25.2	
℄		32.4	28.9	
1/4		28.5	32.8	
C		23.1	38.2	
WL		18.4	42.9	
T.P.		12.31	248.99	
	0.33	249.32		

PLOTTED

		249.32		
T.P.	0.31	238.03	11.60	237.72
		S. Curb.		
WL.			2.2	235.8
C			5.6	37.4
1/4			10.3	27.7
℄			14.1	23.9
1/4			17.7	20.3
C			22.4	15.6
EL.			26.0	12.0
+20			29.7	209.3
+30			32.0	206.0
+45			37.0	201.0
+50			36.8	201.2
+60	Slopes up.		34.0	204.0
		S 1/4		
-45			31.4	206.6
-35			36.4	201.6
-25			35.0	203.0
EL			31.8	206.2
C			27.0	211.0
1/4			22.6	215.4

238.03

℄	19.4	218.6
1/4	15.1	22.9
C	11.7	26.3
WL.	7.2	30.8
℄ Hawthorne.		
WL	10.4	27.6
C	16.1	21.9
1/4	20.8	17.2
℄	25.0	13.0
1/4	28.5	209.5
C	32.0	206.0
EL +4	33.2	204.8
+25	30.8	207.2
+35	32.8	205.2
+45	32.7	205.3
+50 slopes up.	30.8	207.2
N 1/4	27.9	210.1
-35	27.5	210.5
-25	30.6	207.4
-10	28.9	209.1

PLOTTED

238.03

EL	28.6	209.4
C	29.4	208.6
1/4 bot.	32.0	206.0
℄	27.7	210.3
1/4	24.1	13.9
C	19.0	19.0
WL.	13.0	25.0
N Curb.		
WL.	14.3	23.7
C	20.2	17.8
1/4	24.3	13.7
℄	28.1	209.9
1/4 +7	30.5	207.5
C	29.2	208.8
EL	26.3	11.7
+25	26.1	11.9
+35	28.3	209.7
# Nt Hdw	25.2	12.8
-35	20.0	18.0
-20	24.2	13.8

	238.03			
EL.		21.4	214.6	
C +7		20.3	17.7	
		22.2	15.8	
1/4		25.1	12.9	
℄ bot.		29.5	208.5	
1/4		25.3	12.7	
C		21.4	14.6	
WL		16.9	21.1	
	25' N of Hawthorne			
-20		19.0	19.0	
-5		25.1	12.9	
WL		25.8	12.2	
C		25.2	12.8	
1/4		26.0	12.0	
℄		24.2	13.8	
1/4		18.7	19.3	
C		14.2	23.8	
EL +5		11.3	26.7	
		10.1	27.9	
+5	PLOTTED	10.8	27.2	
+18		15.5	22.5	
+28	up the hill	11.6	26.4	

T.P. rock		238.03	1.42	236.61
	12.26	248.87		
		50' N		
-35	↑ uphill		15.1	233.8
-25			18.5	30.4
			10.4	38.5
EL +5			10.5	38.4
C			14.5	34.4
1/4			18.7	30.2
℄			23.5	25.4
+5			25.8	23.1
1/4			26.7	22.2
C			30.0	18.9
WL			31.8	17.1
+18	bot		36.0	12.9
+30	up hill		32.4	16.5
		75' N		
-50			29.6	19.3
-30	bot.		35.6	13.3
WL			21.2	27.7
C			18.6	30.3
1/4			15.4	33.5
℄			12.8	34.1
1/+5			13.0	35.9
4			9.8	38.1

		248.87		
C			5.2	243.7
EL			0.4	48.5
+30			7.5	41.4
+40	up hill		4.6	44.3
T.P.			0.74	248.13
		100'N		
	11.61	259.74		
-40			4.8	54.9
-20			5.2	54.5
EL			3.1	56.6
C			8.2	51.5
1/4 +5			9.0	50.7
			8.4	51.3
℄			9.9	49.8
1/4			12.2	47.5
C			15.2	44.5
WL			23.0	36.7
+40	bot.		43.2	16.5
+55	up hill		41.0	18.7
		125'N		
-75	up hill		37.0	22.7
-60	bot		41.4	18.3

PLOTTED

		259.74		
WL			16.0	243.7
C			9.0	50.7
T.P.			4.38	255.36
	12.72	268.08		
1/4			10.8	57.3
℄			7.6	60.5
1/4			6.2	61.9
C			5.5	62.6
EL			2.3	65.8
+10			0.0	68.1
T.P. Keel Rock 8'NE.EL.			0.18	267.90
	12.38	280.28		
		150'N		
-15			6.4	73.9
EL			7.8	72.5
C			9.7	70.6
1/4			12.2	68.1
℄			15.6	65.3
1/4			19.0	61.3
C			25.8	55.3

	280.28		
WL	30.4	249.9	
+30	37.7	42.6	
+ Same slope to bot. 50' further			
	175' N		
−30 same to bot.	32.8	47.5	
WL	22.6	57.7	
C	18.5	61.8	
1/4	14.9	65.4	
℄	10.9	69.4	
1/4	8.2	72.1	
C	6.8	73.5	
EL	5.4	74.9	
	200' N		
EL	3.5	76.8	
C	4.4	75.9	
1/4	6.1	74.2	
℄	7.7	72.6	
1/4	11.1	69.2	
C	15.2	65.1	
WL	19.4	60.9	
+30	31.0	49.3	

PLOTTED

	280.28		
	225' N		
−30	29.4	250.9	
WL	17.9	62.4	
C	17.5	62.8	
1/4	8.1	72.2	
℄	5.0	75.3	
1/4	3.6	76.7	
C	2.8	77.5	
EL	2.2	78.1	
T.P.	1.84	278.44	
12.14	290.58		
	250' N		
EL	11.2	79.4	
C	11.9	78.7	
1/4	12.7	77.9	
℄	14.1	76.5	
1/4	16.7	73.9	
C	19.5	71.1	
WL	22.7	67.9	
+25	28.8	61.8	

290.58

275' N.

-30	250	76.56
WL	18.5	72.1
C	15.5	75.1
1/4	13.4	77.2
℄	12.1	78.5
1/4	11.2	79.4
C	10.7	79.9
EL.	10.0	80.6

300' N = OL. Ivy St 80 W. 14' Walks.

EL	6.9	83.7
C	8.1	82.5
1/4	8.4	82.2
℄	8.7	81.9
1/4	9.3	81.3
C	11.4	79.2
WL +5	13.5	77.1
+25	15.1	75.5
+35	16.4	74.2
	20.0	70.6

PLO...

290.58

S. Curb.

-35	17.4	77.3
-25	15.6	79.0
WL	12.5	78.1
+10	9.3	81.3
C	8.8	81.8
1/4	8.4	82.2
℄	8.2	82.4
1/4	7.8	82.8
C +6	7.5	83.1
	7.0	83.6
EL	6.2	84.4

5 1/4

EL	5.7	84.9
C	6.4	84.2
1/4 +6	7.4	83.2
℄	7.3	83.3
1/4	7.3	83.3
+12	7.6	83.0
C	8.6	82.0
WL +10	7.9	82.7
+5	8.8	81.8
+20	10.9	79.7
	12.6	78.0
	14.0	76.6

29058

℄ Ivy St.

−20	12.6	278.0
WL	9.7	80.9
C	7.4	83.2
+2	7.4	83.2
+3	7.8	82.8
1/4	7.0	83.6
℄	6.6	84.0
1/4	6.6	84.0
+7	6.8	83.8
℄ 8	6.3	84.3
C	5.7	84.9
E.L.	4.9	85.7

N 1/4

EL	5.0	85.6
C	5.2	85.4
1/4	5.9	84.7
℄	5.8	84.8
1/4	6.4	84.2
+11	7.1	83.5
+12	6.7	83.9
C	6.7	83.9
+7	7.3	83.3
WL	8.9	81.7
+15	10.9	79.7

PLOTTED

29058

N. Curb

−15	10.1	280.5
WL	8.2	82.4
+7	8.0	82.6
C	6.1	84.5
+3	6.0	84.6
+4	6.5	84.1
1/4	5.7	84.9
℄	5.3	85.3
1/4	5.3	85.3
+8	5.1	85.5
+10	4.2	86.4
C	4.0 } 4.8 }	86.6 85.8
EL	3.6	87.0

N.L. Ivy.

EL	3.1	87.5
C	3.5	87.1
+7	4.2	86.4
+8	4.9	85.7
1/4	4.7	85.9
℄	4.6	86.0
1/4	5.1	85.5
+10	5.9	84.7
+11	5.4	85.2
C	5.7	84.9
+7	5.9	84.7

29058

WL	6.9	283.7
+15	7.9	82.7
25' N. of Ivy.		
-10	6.4	84.2
WL	5.9	84.7
+10	5.3	85.3
C	4.5	86.1
+4	4.4	86.2
+5	4.9	85.7
1/4	4.1	86.5
℄	3.5	87.1
1/4	3.5	87.1
+5	3.5	87.1
+6	2.7	87.9
C	2.5	88.1
EL	2.0	88.6
+1	1.3	89.3
50' N.		
EL	0.5	90.1
+1	1.1	89.5
C	1.4	89.2

PLOTTED

29058

+6	1.4	289.2
+7	2.1	88.5
1/4	2.1	88.5
℄	2.3	88.3
1/4	3.0	87.6
+7	3.7	86.9
+8	3.2	87.4
C	3.5	87.1
+1	3.0	87.6
WL	3.5	87.1
75' N.		
WL	2.2	88.4
+13	1.6	89.0
C	2.1	88.5
+4	1.7	88.9
+5	2.5	88.1
1/4	2.0	88.6
℄	1.2	89.4
1/4	1.2	89.4
+5	1.5	89.1
+6	0.7	89.9

		290.58		
C			0.5	290.1
+13			0.3	90.3
EL			-0.4	91.0
T.P.			0.11	290.47
	9.67	300.14		
		100' N.		
EL			8.3	91.8
+1			9.1	91.0
C			9.3	90.8
+7			9.6	90.5
+8			10.1	90.0
1/4			9.8	90.3
E			9.8	90.3
1/4			10.7	89.4
+7			11.0	89.1
+8			10.4	89.7
C			10.3	89.8
+2			9.9	90.2
WL.			10.4	89.7
		125' N.		
WL			9.3	90.8
C			9.8	90.3
+1			9.3	90.8

PLOTTED

		300.14		
+4			9.5	290.6
+5			10.2	89.9
1/4			9.9	90.2
E			8.9	91.2
1/4			9.1	91.0
+5			9.4	90.7
+6			8.8	91.3
C			8.6	91.5
+13			8.5	91.6
EL.			7.6	92.5
		150'		
EL			7.4	93.0
+1			8.0	92.1
C			8.1	92.0
+7			8.3	91.8
+8			8.9	91.2
1/4			8.6	91.5
E			8.3	91.8
1/4			9.1	91.0
+7			9.4	90.7
+8			8.6	91.5
C			8.5	91.6
WL			8.8	91.3

30014

175'N.

WL.	8.1	292.0
C	7.7	92.4
+5	8.2	91.9
+6	9.0	91.1
1/4	8.6	91.5
℄	7.8	92.3
1/4	8.1	92.0
+6	8.3	91.8
+7	7.8	92.3
C	7.6	92.5
+13	7.5	92.6
EL.	6.9	93.2

200'N

EL	6.3	93.8
+1	7.1	93.0
C	7.4	92.7
+7	7.3	92.8
+8	7.9	92.2
1/4	7.5	92.6
℄	7.3	92.8
1/4	8.1	92.0
+7	8.5	91.6
+8	7.7	92.4
C	7.5	92.6
WL.	7.6	92.5

PLOTTED

30014

225'N.

WL.	6.9	293.7
C	6.7	93.4
+1	7.4	92.7
+5	7.4	92.7
+6	8.3	91.8
1/4	7.5	92.6
℄	6.8	93.3
1/4	7.5	92.6
+5	7.7	92.4
+6	7.1	93.0
C	7.0	93.1
+13	6.9	93.2
EL.	6.1	94.0

250'N

-1	5.9	94.2
EL	6.7	93.4
+1	6.9	93.2
C	6.6	93.5
+6	6.8	93.3
+7	7.5	92.6
1/4	7.1	93.0
℄	6.6	93.5
1/4	7.2	92.9
+7	7.7	92.4
+8	6.9	93.2
℄11	6.9	93.2
C	6.3	93.8
WL	6.5	93.6

300.14

275' N.

WL	6.0	294.1
C	6.0	294.1
+1	6.5	93.6
+5	6.6	93.5
+6	7.4	92.7
1/4	6.8	93.3
℄	6.4	93.7
1/4	6.8	93.3
+6	7.2	92.9
+7	6.5	93.6
C	6.5	93.6
EL	6.5	93.6
+1	5.8	94.3

300' N = SL Juniper 80' W - 14' Walks.

EL	6.6	93.5
C	6.4	93.7
+7	6.5	93.6
+8	6.9	93.2
1/4	6.6	93.5
℄	6.1	94.0
1/4	6.3	93.8
+7	6.7	93.4
+8	6.2	93.9
+11	6.1	94.0
C	5.5	94.6
WL	5.6	94.5

PLOTTED

300.14

S Curb.

WL	5.5	294.6
C	5.6	94.5
1/4	6.5	93.6
℄	6.5	93.6
1/4	6.7	93.4
C	7.0 } 6.6 }	93.1 93.5
EL	7.7 } 7.0 }	92.4 93.1

5/4

EL	7.3	92.8
C	6.6	93.5
1/4	6.3	93.8
℄	6.0	94.1
1/4	5.8	94.3
C	5.4	94.7
WL	5.3	94.8

℄ Juniper.

WL	5.1	95.0
C	5.3	94.8
1/4	5.5	94.6
℄	5.6	94.5

30014

1/4	5.8	294.3
C	6.1	94.0
EL	6.7	93.4
3' N of ℄ Juniper		
EL	5.9	94.2
C	5.4	94.7
1/4	5.2	94.9
℄	5.1	95.0
1/4	5.0	95.1
C	5.0	95.1
WL	5.0	95.1
N 1/4		
WL	5.0	95.1
C	4.9	95.2
1/4	5.0	95.1
℄	5.0	95.1
1/4	5.1	95.0
C	5.5	94.6
EL	5.8	94.3

PLOTTED

30014

N Curb		
EL	5.8	294.3
C	5.5	94.6
1/4	5.1	95.0
℄	4.8	95.3
1/4	4.7	95.4
C	4.7	95.4
WL	4.7	95.4
N.L. Juniper		
WL	4.6	95.5
C	4.5	95.6
1/4	4.7	95.4
℄	4.8	95.3
1/4	4.9	95.2
C	5.4	94.7
EL	6.0	94.1
25' N of Juniper		
-10	6.7	93.4
EL	6.2	93.9
C	5.5	94.6
1/4	5.1	95.0

300.14

℄	4.6	295.5
1/4	4.4	95.7
C	4.2	95.9
WL	4.1	96.0
50' N.		
WL	3.9	96.2
C	4.0	96.1
1/4	4.2	95.9
℄	4.6	95.5
1/4	5.0	95.1
C	5.7	94.4
EL	6.3	93.8
+10	7.1	93.0
75' N.		
-10	7.1	93.0
EL	6.3	93.8
C	5.6	94.5
1/4	5.0	95.1
℄	4.5	95.6
1/4	4.1	96.0
C	3.7	96.4
WL.	3.7	96.4

PLOTTED

300.14

100' N.		
WL	3.5	296.6
C	3.8	96.3
1/4	4.2	95.9
℄	4.8	95.3
1/4	5.4	94.7
C	5.7	94.4
EL	6.9	93.2
+10	7.2	92.9
125' N		
-10	7.6	92.5
EL	6.9	93.2
C	6.0	94.1
1/4	5.1	95.0
℄	5.0	95.1
1/4	4.4	95.7
C	3.9	96.2
WL.	3.8	96.3

300.14

150' N.

WL	3.5	296.6
C	4.0	96.1
1/4	4.3	95.8
℄	4.8	95.3
1/4	5.3	94.8
C	5.8	94.3
EL	7.0	93.1
+10	7.9	92.2

175' N.

-10	8.5	91.6
EL	7.2	92.9
C	6.0	94.1
1/4	4.9	95.2
℄	4.2	95.9
1/4	3.9	96.2
C	3.7	96.4
WL	3.3	96.8

PLOTTED

300.14

200' N.

WL	3.4	296.7
C	3.7	96.4
1/4	4.0	96.1
℄	4.3	95.8
1/4	5.0	95.1
C	6.0	94.1
EL.	7.3	92.8
+10	8.6	91.5

Note: – Greenhouse E side of at 53' out into street. Lot is 2nd 50's. of S.L. Kalmia.

275' N

-10'	8.8	91.3
EL.	7.6	92.5
		93.7

House comes on these sections ground slope uniformly

		94.9
℄	4.0	96.1
1/4	3.7	96.4
C	3.3	96.8
WL	2.8	97.3
T.P.	3.09	297.05
7.20	304.25	
	5.73	298.52

Hob EL 32.34/13's.

298.54 by field
298.52/.02 Tm

30425

250' N.

WL	7.1	997.7
C	7.5	96.8
1/4	7.9	96.4
℄	8.7	95.6
1/4	9.5	94.8
C	10.4	93.9
EL	11.8	92.5
+ 10	12.6	91.7

275' N

- 10	12.9	91.4
EL	12.0	92.3
C	10.8	93.5
1/4	9.5	94.8
℄	8.9	95.4
1/4	8.3	96.0
C	7.4	96.9
WL	7.1	97.2

PLOTTED

30425

300' N = SL Kalmia
80' Wide, 14' Walks.

WL	7.3	997.0
C	8.0	96.3
1/4	8.3	96.0
℄	9.1	95.2
1/4	9.9	94.4
C	11.1	93.2
EL	12.4	91.9
+10	13.2	91.1

5 Curb

-10	13.4	90.9
EL	12.5	91.8
C	11.1	93.2
1/4	9.9	94.4
℄	9.5	94.8
1/4	8.7	95.6
C	7.8	96.5
WL	6.8	97.5

30425

S/4

WL	6.9	297.4
C	8.2	96.1
1/4	9.3	95.0
℄	10.0	94.3
1/4	10.5	93.8
C	11.8	92.5
EL	12.9	91.4
+10	14.0	90.3
	℄ Kalmia	
-10	14.4	89.9
EL	13.1	91.2
C	11.8	92.5
1/4	10.6	93.7
℄	9.8	94.5
1/4	9.5	94.8
C	7.8	96.5
WL	6.6	97.7

PLOTTED

30425

N/4

WL	6.6	297.7
C	8.0	96.3
1/4	9.2	95.1
℄	10.2	94.1
1/4	10.9	93.4
C	12.0	92.3
EL	13.5	90.8
+10	14.1	90.2
	N. Curb	
-10	14.1	90.2
EL	13.6	90.7
C	11.8	92.5
1/4	10.6	93.7
℄	9.8	94.5
1/4	8.8	95.5
C	8.3	96.0
WL	7.2	97.1

30425

N.L. Kalmia

WL	7.6	99.7
C	8.5	98.8
1/4	9.6	94.7
℄	10.0	94.3
1/4	11.0	93.3
C	12.5	91.8
EL	13.6	90.7
+20	15.1	89.2

25' N of Kalmia.

-20	14.4	89.9
EL	13.2	91.1
C	12.3	92.0
1/4	11.3	93.0
℄	10.6	93.7
1/4	9.7	94.6
C	8.9	95.4
WL	9.1	96.6

PLOTTED

30425

50' N

WL	7.5	99.8
C	8.7	98.6
1/4	10.0	94.3
℄	11.1	93.2
1/4	11.8	92.5
C	11.9	92.4
EL	12.9	91.4
+20	14.8	89.5

75' N.

-20	15.5	88.8
EL	13.6	90.7
C	12.3	92.0
1/4	11.7	92.6
℄	11.2	93.1
1/4	10.1	94.2
C	9.1	95.2
WL	7.6	96.7

30425

100' N.

WL	8.3	296.0
C	9.4	94.9
1/4	10.3	94.0
℄	10.8	93.5
1/4	12.3	92.0
C	13.3	91.0
EL	14.5	89.8
+20	16.4	87.9

125' N.

-20	16.5	87.8
EL	14.5	89.8
C	13.3	91.0
1/4	12.2	92.1
℄	11.5	92.8
1/4	10.8	93.5
C	10.1	94.2
WL.	8.8	95.5
T.P.	8.84	295.41

PLOTTED

7.50 302.91

30291

150' N.

WL	7.5	295.4
C	8.6	94.3
1/4	9.2	93.7
℄	10.1	92.8
1/4	10.6	92.3
C	11.5	91.4
EL	12.4	90.5
+20	14.6	88.3

175' N.

-20	14.8	88.1
EL	12.1	90.8
C	10.8	92.1
1/4	10.0	92.9
℄	9.5	93.4
1/4	9.0	93.9
C	8.4	94.5
WL.	7.4	95.5

302.91

200' N.

WL	7.2	295.7
C	7.9	95.0
1/4	8.4	94.5
℄	9.1	93.8
1/4	9.6	93.3
C	10.3	92.6
EL	11.3	91.6
+20	13.8	89.1

225' N.

-20	13.3	89.6
EL	10.9	92.0
C	9.7	93.2
1/4	9.3	93.6
℄	8.6	94.3
1/4	8.0	94.9
C	7.3	95.6
WL	6.9	96.0

PLOTTED

302.91

250' N.

WL	6.5	296.4
C	7.1	95.8
1/4	7.6	95.3
℄	8.1	94.8
1/4	8.5	94.4
C	8.9	94.0
EL	9.8	93.1
+20	12.2	90.7

275' N.

-20	11.0	91.9
EL	9.0	93.9
C	8.3	94.6
1/4	7.9	95.0
℄	7.5	95.4
1/4	7.0	95.9
C	6.5	96.4
WL	6.2	96.7

30291

300 'N = SL. Laurel. 80' Wide, 14' walks.

WL	5.8	297.1
C	6.2	96.7
1/4	6.5	96.4
℄	6.9	96.0
1/4	7.1	95.8
C	7.5	95.4
EL	8.2	94.7
+20	9.6	93.3
S. Curb.		
-10	8.5	94.4
EL	7.6	95.3
C	6.6	96.3
1/4	6.2	96.7
℄	6.1	96.8
1/4	6.0	96.9
C	5.8	97.1
WL	5.5	97.4

PLOTTED

30291

S/4

WL	5.0	297.9
C	5.2	97.7
1/4 = 13 S+W Hub.	5.45	297.46
℄	5.4	97.5
1/4	5.5	97.4
C	5.7	97.2
EL	7.0	95.9
+10	7.8	95.1
℄ Laurel.		
-10	7.1	95.8
EL	6.3	96.6
C	5.1	97.8
1/4	5.0	97.9
℄	4.9	98.0
1/4	4.8	98.1
C	4.6	98.3
WL	4.7	98.2

30291

N 1/4

WL	4.0	298.9
C	4.2	98.7
1/4	4.3	98.6
℄	4.3	98.6
1/4	4.3	98.6
C	4.3	98.6
EL	6.0	96.9
+10	7.0	95.9

N. Curb

-10	6.8	96.1
EL	6.0	96.9
C	4.1	98.8
1/4	3.5	99.4
℄	3.5	99.4
1/4	3.6	99.3
C	3.8	99.1
WL	3.8	99.1

PLOTTED

30291

NL Laurel

WL	3.0	299.9
C	3.0	99.9
1/4	3.0	99.9
℄	2.8	300.1
1/4	3.1	99.8
C	4.0	98.9
EL	5.8	97.1
+10	6.7	96.2
T.P 13.5 + W. Hub.	5.45	297.46

12.33 309.79

25' N. of Laurel

WL	9.2	300.6
C	9.0	300.8
1/4	8.8	301.0
℄	9.1	300.7
1/4	9.8	300.0
C	11.3	298.5
EL	12.9	296.9
+10	13.3	96.5

309.79

50'N

-10	13.4	296.4
EL	13.1	96.7
C	11.6	98.2
1/4	9.6	300.2
℄	8.5	301.3
1/4	8.1	301.7
C	8.2	301.6
WL	8.3	301.5

75'N

WL	7.4	302.4
C	7.6	302.2
1/4	7.8	302.0
℄	8.5	301.3
1/4	10.1	99.7
C	11.5	98.3
EL	12.6	97.2
+10	13.5	96.3

PLOTTED

309.79

100'N

-10	13.7	296.1
EL	12.6	97.2
C	11.6	98.2
1/4	9.5	300.3
℄	8.4	301.4
1/4	7.7	302.1
C	7.3	302.5
WL	7.1	302.7

125'N

WL	6.8	303.0
C	7.2	302.6
1/4	7.6	302.2
℄	8.6	301.2
1/4	10.3	99.5
C	11.5	98.3
EL	12.3	97.5
+10	13.4	96.4

309.79

150' N.

-10	13.2	296.6
EL	12.6	97.2
C	11.6	98.2
1/4	10.3	99.5
℄	8.8	301.0
1/4	7.4	302.4
C	7.0	302.8
WL	6.7	303.1

175' N.

WL	6.5	303.3
C	6.8	303.0
1/4	7.8	302.0
℄	9.4	300.4
1/4	10.4	99.4
C	11.8	98.0
EL	12.8	97.0
+10	13.3	96.5

PLOTTED

309.79

200' N.

-10	13.2	296.6
EL	12.8	97.0
C	11.8	98.0
1/4	11.0	98.8
℄	10.1	99.7
1/4	8.6	301.2
C	7.2	302.6
WL	6.4	303.4

225' N.

WL	6.5	303.3
C	8.0	301.8
1/4	9.2	300.6
℄	10.8	99.0
1/4	11.4	98.4
C	12.0	97.8
EL	12.7	97.1
+10	13.4	96.4

309.79

250' N.

-10		14.5	295.3
EL		13.6	96.2
C		12.5	97.3
1/4		11.9	97.9
℄		11.1	98.7
1/4		10.4	99.4
C		8.3	301.5
WL		6.4	303.4
T.P.	3.61	8.46	301.33

304.94

275' N.

WL		2.4	302.5
C		4.5	300.4
1/4		6.2	298.7
℄		7.0	97.9
1/4		7.5	97.4
C		8.6	96.3
EL		10.0	94.9
+10		11.1	93.8

PLOTTED

304.94

300' N = SL Maple 80' Wide, 4' Walks.

+10		12.0	292.9
EL		11.1	93.8
C		10.1	94.8
1/4		8.8	96.1
℄		8.0	96.9
1/4		7.2	97.7
C		6.0	98.9
WL		3.7	301.2

S. Curb.

WL		5.2	299.7
C		6.6	98.3
1/4		7.5	97.4
℄		8.5	96.4
1/4		9.7	95.2
C		10.8	94.1
EL		11.4	93.5
+10		12.2	92.7

30494

S/4

-10	12.9	292.9
EL	12.0	92.9
C	11.2	93.7
1/4	10.2	94.7
℄	9.3	95.6
1/4	8.1	96.8
C	6.9	98.0
WL	6.0	98.9

℄ Maple

WL	6.5	98.4
C	7.4	97.5
1/4	8.9	96.0
℄	9.9	95.0
1/4	10.8	94.1
C	11.8	93.1
EL	12.7	92.2
+10	13.3	91.6

PLOTTED

30494

N/4

-10	13.9	291.0
EL	13.2	91.7
C	12.3	92.6
1/4	11.4	93.5
℄	10.3	94.6
1/4	9.4	95.5
C	8.4	96.5
WL	7.0	97.9

N Curb

WL	8.0	96.9
C	9.0	95.9
1/4	10.3	94.6
℄	10.8	94.1
1/4	11.7	93.2
C	12.8	92.1
EL	13.4	91.5
+10	14.2	90.7

304.94

NL. Maple.

-10	14.4	290.5	
EL	14.0	90.9	
C	13.0	91.9	
1/4	12.2	92.7	
℄	11.1	93.8	
1/4	10.5	94.4	
C	9.7	95.2	
WL.	9.0	95.9	
T.P.	10.75	294.19	

5.84 300.03

13' S+W. Tie Pt. Hob.	3.15	296.88	

25' N of Maple.

WL.	4.8	295.2	
C	5.6	94.4	
1/4	6.3	93.7	
℄	7.2	92.8	
1/4	7.8	92.2	
C	8.3	91.7	
EL	9.2	90.8	
+10	9.8	90.2	

PLOTTED

300.03

50' N.

-10	9.4	290.6
EL	8.6	91.4
C	8.3	91.7
1/4	7.8	92.2
℄	7.2	92.8
1/4	6.8	93.2
C	6.2	93.8
WL	5.6	94.4

75' N.

WL	6.0	94.0
C	6.4	93.6
1/4	6.7	93.3
℄	7.0	93.0
1/4	7.5	92.5
C	8.1	91.9
EL	8.8	91.2
+10	9.3	90.7

300.03

100' N.

-10	9.1	290.9
EL	8.6	91.4
C	7.6	92.4
1/4	7.0	93.0
℄	6.7	93.3
1/4	6.4	93.6
C	6.3	93.7
WL	6.3	93.7

125' N.

WL	6.2	93.8
C	6.2	93.8
1/4	6.5	93.5
℄	6.9	93.1
1/4	7.3	92.7
C	7.7	92.3
EL	8.4	91.6
+10	8.8	91.2

PLOTTED

300.03

150' N.

-10	7.8	292.2
EL	7.8	92.2
C	7.6	92.4
1/4	7.2	92.8
℄	6.7	93.3
1/4	6.3	93.7
C	6.2	93.8
WL	6.3	93.7

175' N.

WL	6.7	93.3
C	6.4	93.6
1/4	6.4	93.6
℄	6.7	93.3
1/4	7.1	92.9
C	7.2	92.8
EL	7.1	92.9
+10	6.9	93.1

30003

200 N.

-10	6.0	94.0
EL	6.3	93.7
C	6.6	93.4
1/4	6.7	93.3
℄	6.8	93.2
1/4	6.7	93.3
C	6.9	93.1
WL	7.1	92.9
+10	7.3	92.7

225 N.

-10	7.5	92.5
WL	7.4	92.6
C	7.2	92.8
1/4	6.6	93.4
℄	6.6	93.4
1/4	6.4	93.6
C	6.1	93.9
EL	5.6	94.4

PLOTTED

30003

250 N.

EL	5.0	95.0
C	5.5	94.5
1/4	6.0	94.0
℄	6.4	93.6
1/4	6.9	93.1
C	7.3	92.7
WL	7.3	92.7
+10	7.3	92.7

275 N.

-10	8.0	92.0
WL	7.8	92.2
C	7.3	92.7
1/4	6.8	93.2
℄	6.3	93.7
1/4	5.6	94.4
C	5.1	94.9
EL	4.3	95.7

36003

300' N = SL · Nutmeg St.

EL	4.4	99.5	
C	5.2	94.8	
1/4	5.9	94.1	
℄	6.4	93.6	
1/4	7.8	92.2	
C	7.7	92.3	
WL	8.3	91.7	
+	8.7	91.3	
TP Hub · SL · +13 WL	7.80	292.23	
12.55 304.78			
SW Maple +32 Hub	3.67	301.11	

301.25 (Childs)
301.11
.14 Low.

PLOTTED

11/11/13
West-Evans-Fletcher

do X Sec. 33rd St. 80' Wide, 14' Walks.
S.L. Nutmeg to A St.

13' W of ℄ - on S.L. Nutmeg at Bancroft			292.23
13' W℄ on S.L. Nut on 33 St Hub.	12.60	304.83	4.50 300.33
S.L. Nutmeg St			
EL		6.0	298.8 ✓
C		5.3	299.5 ✓
1/4		5.0	299.8 ✓
℄		4.7	300.1 ✓
1/4		4.5	300.3 ✓
C		4.3	300.5 ✓
WL		4.2	300.6 ✓
25' S. of S.L. Nutmeg			
WL		4.5	300.3 ✓
C		4.6	300.2 ✓
1/4		4.7	300.1 ✓
℄		4.9	299.9 ✓
1/4		5.1	99.7 ✓
C		5.3	99.5 ✓
EL		6.0	98.8 ✓

PLOTTED

33RD ST

304.83

50'S			
EL		5.9	298.9
C		5.5	99.3
1/4		5.3	99.5
℄		5.1	99.7
1/4		5.2	99.6
C		5.2	99.6
WL		5.4	99.4
75'S.			
WL		6.1	98.7
C		6.1	98.7
1/4		6.1	98.7
℄		5.9	98.9
1/4		5.9	98.9
C		6.0	98.8
EL		6.1	98.7
100'S			
EL	PLOTTED	6.8	98.0
C		6.7	98.1
1/4		6.7	98.1

304.83

℄	6.8	298.0	
1/4	7.0	97.8	
C	7.2	97.6	
WL	7.4	97.4	
125'S.			
WL	8.7	96.1	
C	8.5	96.3	
1/4	8.3	96.5	
℄	8.0	96.8	
1/4	7.7	97.1	
C	7.6	97.2	
EL	7.5	97.3	
150'S			
EL	8.3	96.5	
C	8.6	96.2	
1/4	8.9	95.9	
℄	9.2	95.6	
1/4	9.6	95.2	
C	9.8	95.0	
WL	10.2	94.6	

33RD ST.

304.83

175'S.

WL	12.6	292.2'	
C	12.2	92.6'	
1/4	11.8	93.0'	
℄	11.2	93.6'	
1/4	10.6	94.2'	
C	10.0	94.8'	
EL	9.8	95.0'	
T.P. rock.	10.78	294.05'	
1.29	295.34'		

200'S.

EL	3.5	91.8'	
C	4.3	91.0'	
1/4	4.7	90.6'	
℄	5.3	90.0'	
1/4	5.7	89.6'	
C	6.2	89.1'	
WL	6.6	88.7'	

PLOTTED

295.34

225'S.

WL	9.5	285.8'	
C	9.6	85.7'	
1/4	9.2	86.1'	
℄	9.0	86.3'	
1/4	8.9	86.4'	
C	8.9	86.4'	
EL.	8.9	86.4'	

250'S.

EL	12.8	87.5'	
C	12.9	87.4'	
1/4	12.8	87.5'	
℄	12.8	87.5'	
1/4	13.1	87.2'	
C	13.3	87.0'	
WL.	13.6	81.7'	
T.P.	12.28	283.06'	
2.84	285.90'		

285.90 33RD ST

275'S.

-10	13.4	272.5
WL = bot rav.	14.5	71.4
C " "	15.7	70.2
1/4	14.5	71.4
℄	11.4	74.5
1/4	8.4	77.5
C	8.2	77.7
EL.	8.1	77.8

300'S = NL. Maple 80'W - 14'Wks.

-15	20.0	65.9
E	20.0	65.9
C	22.8	63.1
1/4	20.1	65.8
℄	17.0	68.9
1/4	11.3	74.6
C.	8.2	77.7
WL.	6.7	79.2

PLOTTED

285.90 N?

5'S. of (S) L. Maple

WL	6.3	79.6
C	7.6	78.3
1/4	8.6	77.3
℄	13.7	72.2
1/4	21.0	64.9
C	22.5	63.4
EL = bot. rail	23.4	62.5
+20 = " "	26.0	59.9

N Curb.

WL	5.6	80.3
C.	7.1	78.8
1/4	8.4	77.5
℄	10.9	75.0
1/4	15.5	70.4
C	17.6	68.3
EL	19.4	66.5
+20 + down bot rav.	25.6	60.3

285.90

33RD ST

N 1/4

-30	20.0	264.9
EL	15.4	270.5
C	12.4	273.5
1/4	10.0	275.9
℄	8.3	277.6
1/4	7.1	278.8
C	5.8	280.1
WL	4.8	281.1

℄ Maple

WL	4.0	281.9
C	5.3	280.6
1/4	6.4	279.5
℄	6.9	279.0
1/4	8.0	277.9
C	9.0	276.9
EL	10.8	275.1
+20	13.0	272.9

PLOTTED

285.90

S 1/4

-20	10.5	275.4
EL	9.0	276.9
C	7.8	278.1
1/4	6.5	279.4
℄	5.7	280.2
1/4	5.1	280.8
C	4.2	281.7
WL	3.5	282.4
13' Hub S+W of ℄	5.03	280.87

S. Curb

WL	2.6	283.3
C	3.3	282.6
1/4	3.9	282.0
℄	4.5	281.4
1/4	5.1	280.8
C	6.3	279.6
EL	7.1	278.8
+15	8.1	277.8
TP rock	3.21	282.69

1137 294.06

29406 33RD ST.

S.L. Maple

-15	14.0	280.1
EL	13.2	80.9
C	12.2	81.9
1/4	11.7	82.4
℄	11.0	83.1
1/4	10.2	83.9
C	9.8	84.3
WL	9.2	84.9

25'S of Maple

WL	6.6	87.5
C	6.7	87.4
1/4	7.0	87.1
℄	7.7	86.4
1/4	8.1	86.0
C	8.8	85.3
EL	9.2	84.9
+10	9.7	84.4

PLOTTED

29406

50'S

-10	7.4	286.7
EL	7.0	87.1
C	6.3	87.8
1/4	6.0	88.1
℄	5.7	88.4
1/4	5.5	88.6
C	5.4	88.7
WL	5.1	89.0

75'S

WL	4.5	89.6
C	4.6	89.5
1/4	4.8	89.3
℄	4.8	89.3
1/4	5.1	89.0
C	5.6	88.5
EL	6.2	87.9

100'S

EL	6.1	88.0
C	5.7	88.4
1/4	5.3	88.8

29406

33RD ST.

℄	5.0	289.1
1/4	4.7	89.4
C	4.5	89.6
WL.	4.1	90.0
125'S.		
WL	4.0	90.1
C	4.5	89.6
1/4	4.8	89.3
℄	5.0	89.1
1/4	5.3	88.8
C	5.6	88.5
EL	5.9	88.2
150'S.		
EL	5.5	88.6
C	5.2	88.9
1/4	5.0	89.1
℄	4.8	89.3
1/4	4.9	89.2
C	4.6	89.5
WL.	4.4	89.7

PLOTTED

29406

175'S.		
WL	4.9	289.2
C	5.0	89.1
1/4	5.1	89.0
℄	5.1	89.0
1/4	5.2	88.9
C	5.3	88.8
EL.	5.5	88.6
200'S.		
EL	5.7	88.4
C	5.5	88.6
1/4	5.5	88.6
℄	5.5	88.6
1/4	5.6	88.5
C	5.6	88.5
WL.	5.5	88.6
225'S.		
WL	6.5	87.6
C	6.6	87.5
1/4	6.7	87.4

294.06

33RD ST

℄	6.5	287.6
¼	6.4	87.7
C	6.4	87.7
EL.	6.5	87.6
250's.		
EL	7.9	86.3
C	7.8	86.3
¼	7.7	86.4
℄	7.7	86.4
¼	7.6	86.5
C	7.8	86.3
WL.	7.8	86.3
275's.		
WL	8.8	85.3
C	8.8	85.3
¼	9.0	85.1
℄	9.4	84.7
¼	9.5	84.6
C	9.8	84.3
EL.	9.8	84.3

PLOTTED

294.06

T.P. rock.	10.00	284.06
4.99	289.05	
300's - NL Laurel St 80' Wide, 14' Walks.		
EL	7.1	287.0
C	6.9	87.7
¼	6.8	87.3
℄	6.6	87.5
¼	6.2	87.9
C	5.4	88.7
WL	4.8	89.3
N Curb.		
WL	5.0	89.1
C	6.1	88.0
¼	7.1	87.0
℄	7.9	86.2
¼	8.2	85.9
C	8.3	85.8
EL.	8.7	85.4

289.05 33RD ST.

N/4

-10	10.5	278.4
EL	10.0	79.1
C	9.9	79.2
1/4	9.6	79.5
℄	8.8	80.3
1/4	7.6	81.5
C	6.5	82.6
WL	5.3	83.8

℄ Laurel St

WL	5.3	83.8
C	6.6	82.5
1/4	7.6	81.5
℄	8.9	80.2
1/4	10.8	78.3
C	13.4	75.7
EL	11.9	77.2
+10	11.6	77.5

PLOTTED

289.05

S/4

-10	14.2	274.9
EL bot. rav.	16.4	72.7
C	12.3	76.8
1/4	10.3	78.8
℄	8.7	80.4
1/4 Hub 13'74.	7.66	281.39
C	6.6	82.5
WL	5.5	83.6

S. Curb.

WL	5.7	83.4
C	6.8	82.3
1/4	7.7	81.4
℄	8.9	80.2
1/4	10.3	78.8
C	11.8	77.3
EL	14.6	74.5
+6	18.0	71.1
+10	17.8	71.3
+20	15.0	74.1

289.05 33RD ST

SL Laurel St.

-20	16.4	277.7
-10	14.4	74.7
EL	13.3	75.8
C	11.6	77.5
1/4	10.4	78.7
℄	9.1	80.0
1/4	7.8	81.3
C	6.6	82.5
WL.	6.0	83.1

25' S. of SL Laurel.

WL	6.3	82.8
C	6.9	82.2
1/4	8.0	81.1
℄	9.0	80.1
1/4	9.9	79.2
C	10.8	78.3
EL	11.7	77.4
+10	12.4	76.7

PLOTTED

289.05

50' S.

-10	11.2	277.9
EL	10.5	78.6
C	9.6	79.5
1/4	9.0	80.1
℄	8.5	80.6
1/4	7.7	81.4
C	7.2	81.9
WL.	6.9	82.2

75' S.

WL	8.6	80.5
C	7.8	81.3
1/4	7.6	81.5
℄	7.7	81.4
1/4	8.0	81.1
C	8.5	80.6
EL	9.3	79.8
+10	9.6	79.5

289.05

33RD ST.

100'S.

EL	8.6	280.5
C	8.0	81.1
1/4	8.0	81.1
℄	8.8	80.3
1/4	9.7	79.4
C	10.4	78.7
WL	11.0	78.1
+10	11.3	77.8

125'S.

-10.	14.5	74.6
WL	13.8	75.3
C	13.1	76.0
1/4	12.2	76.9
℄	11.3	77.8
1/4	10.4	78.7
C	9.8	79.3
EL.	9.3	79.8
T.P. rock.	11.99	277.06
0.75	277.81	

PLOTTED

277.81

150'S.

EL	0.1	277.7
C	1.0	76.8
1/4	2.0	75.8
℄	3.1	74.7
1/4	3.7	74.1
C	4.7	73.1
WL	5.6	72.2
+10	6.4	71.4

175'S.

-10	13.5	64.3
WL	11.7	66.1
C	8.6	69.2
1/4	7.4	70.4
℄	6.6	71.2
1/4	5.4	72.4
C	4.3	73.5
EL.	3.3	74.5

200'S

EL	7.0	70.8
C	8.7	69.1

33RD ST.

	277.81		
1/4		10.2	267.6
℄		12.8	65.0
1/4		15.2	62.6
C		17.0	60.8
WL		19.8	58.0
+10		21.8	56.0
+20 = bot		28.0	49.8
+30		23.0	54.8
	225'S		
−20		22.0	55.8
WL = bot. rav.		31.2	46.6
C		30.6	47.2
1/4		28.4	49.4
℄		22.4	55.4
1/4		17.7	60.1
C		14.0	63.8
EL		12.8	65.0
+10		10.9	66.9
T.P. rock.		13.08	264.73
1.28	266.01		
	250'S		
−10		8.0	258.0
EL		8.4	57.6
C		10.9	55.1
1/4		14.3	51.7
℄		19.6	46.4
1/4 +10 = bot rav		23.0	43.0
C		20.0	46.0
WL		14.5	51.5
		7.8	58.2

PLOTTED

	266.01		
	275'S		
WL		4.0	262.0
C		8.3	57.7
1/4		12.4	53.6
℄		18.3	47.7
1/4		25.0	41.0
+7 = bot. ravine		26.7	39.3
C		22.8	43.2
EL		19.6	46.4
+10 up hill		18.4	47.6
	295'S		
−25		23.0	43.0
EL = bot ravine		29.0	37.0
C		20.8	45.2
1/4		17.2	48.8
℄		12.7	53.3
1/4		8.4	57.6
C		5.0	61.0
WL		1.5	64.5
300'S = WL Kalmia		80'W.	14' Wks.
−25		27.0	39.0
EL		29.0	37.0
		25.5	40.5
C		19.2	46.8
1/4		15.1	50.9

Note – for later notes on intersection with Kalmia St., see Book 980, page 66.

266.01 — 33RD ST.

℄	11.3	254.7	
1/4	7.6	58.4	
C	3.9	62.1	
WL	1.1	64.9	

N Curb

-25	32.0	34.0	
EL	19.4	46.6	
C	14.2	51.8	
1/4	10.0	56.0	
℄	6.9	59.1	
1/4	4.4	61.6	
C	1.8	64.2	
WL	-0.3	266.3	
T.P.	0.33	265.68	5.98 — 271.66 N 1/4
WL	3.9	67.8	
C	6.1	65.6	
1/4	8.1	63.6	
℄	10.7	61.0	
1/4	13.3	58.4	
C	16.3	55.4	
EL	22.0	49.7	
+20	29.0	42.7	

PLOTTED

271.66 — ℄ Kalmia St.

-15	24.4	247.3	
EL	18.0	53.7	
C	14.0	57.7	
1/4	11.9	59.8	
℄	9.7	62.0	
1/4	7.0	64.7	
C	5.1	66.6	
WL	3.2	68.5	

S 1/4

WL	2.5	69.2	
C	4.5	67.2	
1/4 Hub 13' Rt	6.46	265.20	
℄	8.6	63.1	
1/4	11.3	60.4	
C	13.5	58.2	
EL	17.8	53.9	
+15	24.4	47.3	

Same slope for 50'
" " " " S Curb

-15	28.1	43.6	
EL	22.9	48.8	

27166

33RD ST

C	16.6	55.1
1/4	13.8	57.9
℄	8.6	63.1
1/4	5.8	65.9
C	4.6	67.1
WL	2.4	69.3
1' N of SL of Kalmia		
-10	5.2	66.5
WL	3.4	68.3
C	5.2	66.5
1/4	7.4	64.3
℄	11.1	60.6
1/4	15.7	56.0
C	19.0	52.7
EL	25.0	46.7
+20	31.0	40.7
SL of Kalmia		
-20 bot rav.	36.2	35.5
EL " "	29.0	42.7
C +10	26.6	45.1
	25.1	46.6
1/4	20.2	51.5
℄	14.4	57.3

PLOTTED

See Arc 980 P.G.G.

27166

1/4	10.5	61.7
C	9.8	61.9
WL	8.2	63.5
-10	8.4	63.3
12.5 S. of SL Kalmia		
-10	12.0	59.7
WL	14.4	57.3
C	16.6	55.1
1/4	16.6	55.1
℄	21.0	50.7
1/4 +7	23.0	48.7
	24.1	47.6
C	21.5	50.7
EL	21.4	50.3
+15	22.2	49.5
25' S.		
-15	18.2	53.5
EL	15.6	56.1
C	15.0	56.7
1/4	16.6	55.1
℄	18.8	52.9
1/4 +4 = bot rav.	19.0	52.7
	20.0	51.7
C	16.4	55.3

27166 — 33RD ST

WL +10	10.1	261.6
	8.0	43.7
40'S.		
-10	10.0	41.7
WL +10	12.5	59.2
	14.5	57.2
C	13.2	58.5
1/4	11.9	59.8
℄	10.9	60.8
1/4	10.2	61.5
C	11.7	60.0
EL +10	13.3	58.4
	14.8	56.9
50'S.		
-10	13.7	58.0
EL	12.2	59.5
C	10.3	61.4
1/4	8.0	63.7
℄	5.9	65.8
1/4	5.7	66.0
C	7.9	63.8
WL +7	9.2	62.5
	6.6	65.1
+10	5.0	66.7

PLOTTED

27166

T.P. Stump Corfence.	3.66	268.00
9.36	277.36	
60'S		
WL	8.2	269.2
C	9.0	68.4
1/4	10.0	67.4
℄	11.1	66.3
1/4	12.8	64.6
C	14.6	62.8
EL +15	17.0	60.4
	19.1	58.3
75'S.		
-15	18.4	59.0
EL	15.6	61.8
C	12.7	64.7
1/4	11.1	66.3
℄	10.1	67.3
1/4	8.5	68.9
C	7.4	70.0
WL	6.7	70.7

	277.36		33RD ST.
	100'S		
WL		4.8	277.6
C		5.8	71.6
1/4		6.8	70.6
℄		8.4	69.0
1/4		9.5	67.9
C		11.2	66.2
EL		13.2	64.2
+15		15.6	61.8
	125'S.		
-10		13.3	64.1
EL		11.3	66.1
C		9.7	67.7
1/4		8.4	69.0
℄		6.8	70.6
1/4		5.7	71.7
C		4.9	72.5
WL.		3.8	73.6

PLOTTED

Continued Page 1 Book 911.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 Feet Wide. Side Slopes 1½ to 1.

For Single Track Embankment.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	25.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Calculated by F. E. Paradis. C. E.

EUGENE DIETZGEN CO.
MANUFACTURERS & IMPORTERS OF
DRAWING MATERIALS AND
SURVEYING INSTRUMENTS
NEW YORK, CHICAGO,
NEW ORLEANS & SAN FRANCISCO

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	7.00	7.15	7.30	7.45	7.60	7.75	7.90	8.05	8.20	8.35	0
1	8.50	8.65	8.80	8.95	9.10	9.25	9.40	9.55	9.70	9.85	1
2	10.00	10.15	10.30	10.45	10.60	10.75	10.90	11.05	11.20	11.35	2
3	11.50	11.65	11.80	11.95	12.10	12.25	12.40	12.55	12.70	12.85	3
4	13.00	13.15	13.30	13.45	13.60	13.75	13.90	14.05	14.20	14.35	4
5	14.50	14.65	14.80	14.95	15.10	15.25	15.40	15.55	15.70	15.85	5
6	16.00	16.15	16.30	16.45	16.60	16.75	16.90	17.05	17.20	17.35	6
7	17.50	17.65	17.80	17.95	18.10	18.25	18.40	18.55	18.70	18.85	7
8	19.00	19.15	19.30	19.45	19.60	19.75	19.90	20.05	20.20	20.35	8
9	20.50	20.65	20.80	20.95	21.10	21.25	21.40	21.55	21.70	21.85	9
10	22.00	22.15	22.30	22.45	22.60	22.75	22.90	23.05	23.20	23.35	10
11	23.50	23.65	23.80	23.95	24.10	24.25	24.40	24.55	24.70	24.85	11
12	25.00	25.15	25.30	25.45	25.60	25.75	25.90	26.05	26.20	26.35	12
13	26.50	26.65	26.80	26.95	27.10	27.25	27.40	27.55	27.70	27.85	13
14	28.00	28.15	28.30	28.45	28.60	28.75	28.90	29.05	29.20	29.35	14
15	29.50	29.65	29.80	29.95	30.10	30.25	30.40	30.55	30.70	30.85	15
16	31.00	31.15	31.30	31.45	31.60	31.75	31.90	32.05	32.20	32.35	16
17	32.50	32.65	32.80	32.95	33.10	33.25	33.40	33.55	33.70	33.85	17
18	34.00	34.15	34.30	34.45	34.60	34.75	34.90	35.05	35.20	35.35	18
19	35.50	35.65	35.80	35.95	36.10	36.25	36.40	36.55	36.70	36.85	19
20	37.00	37.15	37.30	37.45	37.60	37.75	37.90	38.05	38.20	38.35	20
21	38.50	38.65	38.80	38.95	39.10	39.25	39.40	39.55	39.70	39.85	21
22	40.00	40.15	40.30	40.45	40.60	40.75	40.90	41.05	41.20	41.35	22
23	41.50	41.65	41.80	41.95	42.10	42.25	42.40	42.55	42.70	42.85	23
24	43.00	43.15	43.30	43.45	43.60	43.75	43.90	44.05	44.20	44.35	24
25	44.50	44.65	44.80	44.95	45.10	45.25	45.40	45.55	45.70	45.85	25
26	46.00	46.15	46.30	46.45	46.60	46.75	46.90	47.05	47.20	47.35	26
27	47.50	47.65	47.80	47.95	48.10	48.25	48.40	48.55	48.70	48.85	27
28	49.00	49.15	49.30	49.45	49.60	49.75	49.90	50.05	50.20	50.35	28
29	50.50	50.65	50.80	50.95	51.10	51.25	51.40	51.55	51.70	51.85	29
30	52.00	52.15	52.30	52.45	52.60	52.75	52.90	53.05	53.20	53.35	30
31	53.50	53.65	53.80	53.95	54.10	54.25	54.40	54.55	54.70	54.85	31
32	55.00	55.15	55.30	55.45	55.60	55.75	55.90	56.05	56.20	56.35	32
33	56.50	56.65	56.80	56.95	57.10	57.25	57.40	57.55	57.70	57.85	33
34	58.00	58.15	58.30	58.45	58.60	58.75	58.90	59.05	59.20	59.35	34
35	59.50	59.65	59.80	59.95	60.10	60.25	60.40	60.55	60.70	60.85	35
36	61.00	61.15	61.30	61.45	61.60	61.75	61.90	62.05	62.20	62.35	36
37	62.50	62.65	62.80	62.95	63.10	63.25	63.40	63.55	63.70	63.85	37
38	64.00	64.15	64.30	64.45	64.60	64.75	64.90	65.05	65.20	65.35	38
39	65.50	65.65	65.80	65.95	66.10	66.25	66.40	66.55	66.70	66.85	39
40	67.00	67.15	67.30	67.45	67.60	67.75	67.90	68.05	68.20	68.35	40

Calculated by F. E. Paradis, C. F