

1310

WEST

FIELD BOOK

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1310

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1310

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R.R. Prop Line
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to R.R. Prop. Self Explanatory.

North Rail R.R.

W.E. Bliss
Duc. mit
Jacobson
Kiernan
1919

X Sections Una Street from the S Line
of Filbert to 190' South of Buva

	+	HZ	-	5/6	original listed Elev actual Elev		HZ	-	Elev
BM SW spike mark Vesta + Main	1.95	18.42		16.68	16.47	cb			3.9
check BP incb NW.			2.89	15.53		E			3.9
T.P. check BM NW 2017 Pole Una + Main	5.02	18.37	5.07	13.35		E			0+15 3.7
T.P. TOPHY Filbert + Una	3.80	16.16	6.01	12.36		H			11.6
	1.65	15.28	2.53	13.63		cb			9.0
						H			11.3
						1/4			4.4
						1/4			10.9
						1/4			4.7
						1/4			10.6
						1/4			4.6
						1/4			10.7
						1/4			5.1
						1/4			10.2
						1/4			5.3
						1/4			10.0
						1/4			4.8
						1/4			10.5
						1/4			4.6
						1/4			10.7
						1/4			9.2
						1/4			11.1
						1/4			0+50
						1/4			4.4
						1/4			10.9
						1/4			5.0
						1/4			10.3
						1/4			5.4
						1/4			9.9
						1/4			5.2
						1/4			10.1
						1/4			4.9
						1/4			10.4
						1/4			5.1
						1/4			10.2
						1/4			5.1
						1/4			10.2
						1/4			9.5
						1/4			10.8
						1/4			4.5
						1/4			10.8
						1/4			4.0
						1/4			11.3
						1/4			11.00
						1/4			4.6
						1/4			10.7

Filbert

Street

Una

Vesta

Moden

302.50

301.50

60

600

60

600.25

Guava

80

Street

160

Fd 12.2 Mm

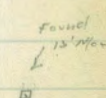
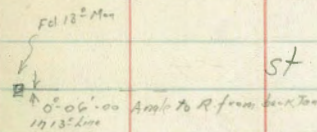
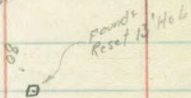
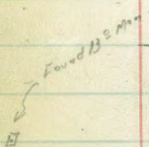
0° 06' 00" Amb to R from back to
19 13' line

st

Faced 13' Mm

Street

Street



+

H.I.
15.28

c6+1	5.6	9.7
1/4	5.6	9.7
1/4	5.4	9.9
1/4	5.8	9.5
+5	6.1	9.2
c6	5.7	9.6
+8	5.3	10.0
W	4.6	10.7
1+41 ²⁵ N line A/b		
W	5.3	10.0
c6	5.9	9.4
+5	6.3	9.0
1/4	6.1	9.2
1/4	5.7	9.6
1/4	5.8	9.5
+9 Bottom	6.0	9.3
+9 top	5.5	9.8
c6	5.5	9.8
E	4.9	10.4
1+61 ²⁵		
E	5.8	9.5
c6	5.9	9.4
1/4	6.0	9.3
1/4	5.9	9.4
1/4	6.3	9.0
+5	6.3	9.0
c6	5.6	9.7

H.I.
15.28

4

W	5.1	10.1
1+63		
W	9.6	10.7
c6	5.0	10.3
+2	5.8	9.5
+5	6.3	9.0
1/4	6.3	9.0
1/4	6.0	9.3
1/4	6.1	9.2
c6	5.9	9.4
E	5.8	9.5
1+75		
E	5.7	9.6
c6	5.8	9.5
1/4	6.1	9.2
+6	5.7	9.6
1/4	5.8	9.5
+5	6.1	9.2
1/4	6.5	8.8
+6	6.5	8.8
c6	5.7	9.6
+2	5.1	10.2
W	5.1	10.2
1+80		
W	5.7	9.6
+6	5.8	9.5

+

H.I.
15.28

E/ef

cb	6.4	8.9
1/4	6.5	8.8
+7	5.9	9.4
⊘	5.7	9.6
+4	5.7	9.6
1/4	6.2	9.1
cb	5.6	9.7
E	5.8	9.5
	2100	
E	5.9	9.4
cb	6.3	9.0
1/4	6.3	9.0
⊘	5.9	9.4
+4	6.1	9.2
+8	6.5	8.8
1/4	6.7	8.6
cb	6.6	8.8
W	6.1	9.2
	2150	
W	6.7	8.6
cb	7.0	8.3
+5	7.5	7.8
1/4	7.3	8.0
+7	6.5	8.8
⊘	6.4	8.9
+4	6.4	8.9

H.I.
15.28

5

1/4	6.9	8.4
cb	6.9	8.4
E	6.5	8.8
	2176	
E	6.5	8.8
cb	7.2	8.1
1/4	7.4	7.9
+3	7.1	8.2
+8	6.6	8.7
⊘	6.6	8.7
+3	6.7	8.6
1/4	7.5	7.8
+5	7.6	7.7
cb	7.5	7.8
+2	7.1	8.2
W	6.8	8.5
	3102	5
W	7.2	8.1
cb	7.7	7.6
+4	8.1	7.2
1/4	7.8	7.5
+7	7.3	8.0
⊘	7.3	8.0
+2	7.2	8.1
+7	7.6	7.7
1/4	7.7	7.6

	H.I.		E/w
	15.28		
cb		7.7	7.8
1/2		7.3	8.0
E		7.1	8.2
TP	3.99	12.54 ³⁵	8.52 ³⁶
S Line Guage = 00			
E		5.2	7.2
cb		5.6	6.8
1/4		5.5	6.9
1/4		5.6	6.8
1/4		5.4	7.0
+8		5.8	6.6
cb		5.4	7.0
1/4		5.3	7.1
0+50			
1/4		5.8	6.6
+9		5.7	6.7
cb		6.0	6.4
1/4		5.8	6.6
1/4		5.6	6.8
cb		5.6	6.8
E		5.6	6.8
1+00			
E		5.8	6.6
cb		6.5	5.9
1/4		6.1	6.3

	H.I.		
	12.35		6
1/4		6.1	6.3
1/4		6.2	6.2
+9		6.6	5.8
cb		6.2	6.2
1/4		6.1	6.3
1+40 N Line Alley			
1/4		6.6	5.8
cb		6.5	5.9
+1		6.8	5.6
1/4		6.3	6.1
1/4		6.2	6.2
cb		6.9	6.0
cb		6.4	6.0
+1		5.9	6.5
E		5.7	6.7
1+50 ⁵ Min Hole & shoot - alley			
rim flow line			
6.45 5.90			
13.00 - 0.65			
1+60, S Line Alley N Line RR Prop Line			
E		5.9	6.5
+8		6.9	6.0
cb		6.9	5.5
1/4		6.5	5.9
1/4		6.6	5.8
1/4		6.8	5.6
+9		6.9	5.5
cb		6.3	6.1
1/4		7.0	5.4
TP	6.99	12.84	6.50 5.85

H.I. - E101
 12.89
 Levels along & Una from RR Prop
 Line South to North Rail S.D. & A.R.R.

7

CE 0+00 = 1160 RR Prop Line	7.1	5.7
1+0+50	7.1	5.7
E 1+00	7.6	5.2
TP 1+58	8.0	4.8
1+70	7.3	5.5
E 2+00	7.0	5.8
cb 2+50	5.9	6.9
1/4 2+63	6.0	6.8
2+80	5.2	7.6
1/4 3+00	5.2	7.6
2+8 3+50	4.7	8.1
cb 4+00	4.5	8.3
VY 4+50	5.0	7.8
5+00	5.3	7.5
W 5+50	5.9	6.9
2+9 6+00	6.4	6.4
cb 6+50	7.2	5.5
1/4 6+97	7.5	5.3
6+00	9.6	3.2
1/4 7+02	10.2	2.6
cb 7+07	8.5	4.3
E 7+08 ⁵ Top Rail	8.07	4.77

E

cb

1/4

W.R. Bliss
1/10/28

B.M. N.E. RW Hub
Set on Section Una

X Section Guava Street from
the West Line of Una to the W Line
of Woden

HI
6.11 14.97

Elev
8.36

W. Line Una

80 st
1906 S
13/14 S

N	6.4	8.1
710	6.4	8.1
cb	6.9	7.6
1/4	7.1	7.4
¢	7.1	7.4
1/4	7.2	7.3
cb	7.3	7.2
S	7.3	7.2
	W. cb	
S	7.7	6.8
cb	7.4	7.1
1/4	7.5	7.0
¢	7.4	7.1
1/4	7.2	7.3
cb	7.3	7.2
N	6.9	7.6
	W 1/4	
N	6.9	7.6
cb	7.1	7.4
1/4	7.1	7.4
¢	7.2	7.3
1/4	7.3	7.2
cb	7.3	7.2
S	7.5	7.0

HI
14.97

8

S	7.7	6.8
cb	7.5	7.0
1/4	7.2	7.3
¢	6.9	7.6
1/4	6.6	7.9
cb	6.7	7.9
N	6.4	8.1
	E 1/4	
N	6.9	7.6
cb	7.1	7.4
1/4	7.0	7.5
¢	7.3	7.2
1/4	7.3	7.2
cb	7.4	7.1
S	7.7	6.8
	E 66	
S	7.9	6.6
cb	7.6	6.9
1/4	7.5	7.0
¢	7.3	7.2
1/4	7.1	7.4
cb	7.3	7.2
N	6.8	7.7
	E Line Una = 00	
N	6.2	8.2
cb	7.0	7.5

	H.I. 19.47	-	E/101
1/4		7.4	7.1
¢		7.2	7.3
1/4		7.4	7.1
cb		7.5	7.0
S		7.3	7.2
	0+10		
S		7.3	7.2
cb		7.3	7.2
1/4		7.2	7.3
¢		7.0	7.5
1/4		7.0	7.5
cb		6.8	7.7
+4		6.9	7.6
+6		5.8	8.7
N		5.8	8.7
	0+25		
N		5.9	8.6
+12		6.3	8.2
cb		6.9	7.6
1/4		6.3	8.2
+5		6.9	7.6
¢		7.1	7.4
1/4		7.1	7.4
+11		7.4	7.1
cb		7.1	7.4
S		7.3	7.2

	H.I. 19.47	-	E/101 + 90 0752	Palm 90 off Prop
		0+50		9
S		7.0	7.5	
cb		7.2	7.3	
1/4		7.0	7.5	
¢		7.1	7.4	
+5		7.0	7.5	
+7		6.5	8.0	
1/4		6.6	7.9	
cb		6.6	7.9	
+1		6.3	8.2	
N		6.3	8.2	
		0+70		
N		6.4	8.1	
cb		6.9	7.6	
1/4		6.7	7.8	
+6		6.5	8.0	
+11		6.9	7.6	
¢		6.9	7.6	
1/4		6.8	7.7	
+12		7.2	7.3	
cb		6.9	7.6	
+10		6.8	7.7	
+11		6.0	8.5	
S		6.0	8.5	
		1+00		
S		5.8	9.7	
+4		6.7	7.8	

+

H.I.
14.47

-

Elev

cb	6.4	8.1
+1	6.7	7.8
1/4	6.4	8.1
ϕ	6.4	8.1
+5	6.1	8.4
1/4	6.6	7.9
+10	6.7	7.8
cb	6.3	8.2
+2	5.8	8.7
N	5.4	9.1
	1+35	
N	5.2	9.2
+11	5.5	9.0
cb	6.4	8.1
1/4	6.3	8.2
+8	5.8	8.7
ϕ	6.2	8.3
1/4	6.2	8.3
cb	6.4	8.1
S	6.3	8.2
	1+50	
S	6.2	8.3
cb	5.8	8.7
+1	6.6	7.9
+1/4	6.1	8.4
ϕ	6.1	8.4
	5.9	8.6

+

H.I.
14.47

-

Elev

10

+3	5.7	8.8
1/4	6.2	8.3
cb	6.2	8.3
+3	5.9	9.1
N	4.9	9.6
	1+9.7	
N	4.9	9.6
+12	5.2	9.3
cb	5.8	8.7
1/4	5.9	8.6
ϕ	5.9	8.6
1/4	6.1	8.4
cb	6.1	8.4
S	6.2	8.3
	2+00	
S	5.6	8.9
cb	6.0	8.5
1/4	6.1	8.4
ϕ	5.8	8.7
+3	5.9	9.1
+10	5.7	8.8
1/4	5.7	8.8
+2	5.0	9.5
N	4.9	10.5
	2+33	Concrete Walkway N
online	4.68	9.79

H.I.
19.97

2150

N	4.6	9.9
+13	4.7	9.8
cb	5.4	9.1
1/4	5.3	9.2
¢	5.3	9.2
1/4	5.5	9.0
cb	5.6	8.9
S.	5.4	9.1

2160

S.	5.9	8.6
cb	5.8	8.7
+1	6.0	8.5
1/4	5.1	9.4
¢	5.1	9.4
+5	4.7	9.8
1/4	5.3	9.2
cb	5.4	9.1
N	5.3	9.2

2183

N	5.2	9.3
cb	5.4	9.1
1/4	4.9	9.6
+6	4.6	9.9
¢	4.8	9.7
1/4	5.0	9.5
+12	5.7	8.8

H.I.
19.97

11

cb	5.5	9.0
S	5.9	8.6
3100		
S	5.7	8.8
cb	5.6	8.9
+1	5.8	8.7
1/4	5.0	9.5
¢	4.8	9.7
1/4	5.0	9.5
cb	5.7	8.8
+1	5.3	9.2
N	4.8	9.7

3110

N	4.3	10.2
cb	5.2	9.3
+2	5.5	9.0
1/4	5.0	9.5
+4	4.6	9.9
¢	5.0	9.5
+10	4.7	9.8
1/4	5.1	9.4
cb	5.8	8.7
+1	5.5	9.0
S	5.3	9.2

3120

S	4.3	10.2
---	-----	------

HI
19.47

t10	9.4	10.1
cb	4.8	9.7
t2	5.5	9.0
1/4	4.9	9.6
ϕ	4.7	9.8
t10	4.6	9.9
1/4	4.9	9.6
t12	5.3	9.2
cb	5.2	9.3
t2	4.8	9.7
N	4.0	10.5
3730		
N	3.6	10.9
t13	4.5	10.0
cb	4.9	9.6
t3	5.1	9.4
cb	4.6	9.9
t3	4.4	10.1
ϕ	4.7	9.8
1/4	4.7	9.8
t11	5.3	9.5
cb	4.7	9.8
t8	4.1	10.4
S	4.1	10.4
3740		
S	4.5	10.0

HI
19.47

12

cb	5.0	9.5
t1	5.4	9.1
1/4	4.6	9.9
ϕ	4.6	9.9
t10	4.3	10.2
1/4	4.6	9.9
t12	5.1	9.4
cb	4.8	9.7
N	3.9	10.6
3750		
N	4.8	9.7
cb	5.1	9.4
1/4	4.9	9.6
t5	4.4	10.1
ϕ	4.7	9.8
1/4	4.8	9.7
t1-	5.3	9.2
cb	5.0	9.5
S	5.4	9.1
3765		
S	5.6	8.9
cb	5.2	9.3
1/4	4.9	9.6
ϕ	4.9	9.6
t9	4.6	9.9
1/4	4.9	9.6

H.I.
19.47

cb	5.1	9.4
+1	4.8	9.7
N	4.6	9.9
3+80		
N	3.0	11.5
cb	4.2	10.3
+2	4.6	9.9
1/4	4.8	9.7
+6	4.7	9.8
⊘	4.9	9.6
1/4	4.9	9.6
+12	5.4	9.1
cb	5.1	9.4
S	5.5	9.0
3+90		
S	5.3	9.2
cb	4.9	9.6
+1	5.0	9.5
1/4	4.7	9.8
⊘	4.9	9.6
+10	4.5	10.0
1/4	4.7	9.8
+11	4.7	9.8
cb	4.1	10.4
N	3.1	11.4

H.I.
19.47

13

4+00		
N	3.7	10.8
cb	4.1	10.4
+1	4.7	9.8
1/4	4.6	9.9
+5	4.6	9.9
⊘	4.7	9.8
+8	4.7	9.8
1/4	4.5	10.0
+12	4.9	9.6
cb	4.8	9.7
S	5.0	9.5
4+30		
S	5.3	9.2
cb	5.3	9.2
1/4	4.7	9.8
⊘	4.6	9.9
1/4	4.5	10.0
+12	4.6	9.9
cb	4.2	10.3
N	3.5	11.0
4+50		
N	4.9	10.1
cb	4.8	9.7
1/4	4.6	9.9
⊘	4.6	9.9
+6	4.9	9.6

H.I.
19.47

1/4	9.8	9.7
+12	5.5	9.0
cb	5.3	9.2
S.	4.7	9.8
	9475	
S	5.5	9.0
cb	4.6	9.9
+2	5.0	9.5
1/4	4.4	10.1
2	4.0	10.5
+5	3.8	10.7
1/4	3.9	10.6
+12	4.6	9.9
cb	4.3	10.2
N	4.4	10.1
	5100	
N	4.3	10.2
cb	4.7	9.8
1/4	4.0	10.5
+8	3.8	10.7
2	4.2	10.2
1/4	4.7	9.8
+1	5.7	8.8
cb	5.5	9.0
S.	5.8	8.7
T.P.	306	13.67
	386	10.61

H.I.
13.67

14

5120

S.	4.7	9.0
cb	4.5	9.2
+1	4.9	8.8
1/4	2.6	11.1
2	3.1	10.6
+5	3.7	10.0
1/4	2.9	10.8
+12	3.7	10.0
cb	3.4	10.3
N	3.4	10.3
	5150	
N	3.1	10.6
cb	3.7	10.0
+1	3.8	9.9
1/4	3.1	10.6
+8	2.9	10.8
2	3.9	10.3
1/4	3.7	10.0
+4	4.2	9.5
+12	4.4	9.3
cb	4.1	9.6
S	4.3	9.4
	5165	
S	3.7	10.0
+13	3.9	9.8

HI
13.67

cb	4.3	9.4
+9	4.0	9.7
1/4	3.6	10.1
2	3.4	10.3
+9	3.2	10.5
1/4	3.3	10.4
+11	3.8	9.9
cb	3.4	10.3
+4	3.2	10.5
N	3.0	10.7
5+80		
N	2.7	11.0
cb	2.9	10.8
+2	3.6	10.1
1/4	3.5	10.2
+11	3.1	10.6
2	3.3	10.4
1/4	3.6	10.1
+12	3.9	9.8
cb	3.6	10.1
s	3.3	10.4
5+90		
s	3.6	10.1
+10	3.2	10.5
cb	2.9	10.8
+2	3.5	10.2

+

HI
13.67

Elev

15

1/4	3.5	10.2
2	3.2	10.5
1/4	3.4	10.3
cb	3.7	10.0
N	3.2	10.5
6+00 ¹³		
N	3.7	10.0
cb	3.6	10.1
1/4	3.4	10.3
2	3.4	10.3
1/4	3.7	10.0
+10	3.4	10.3
cb	3.2	10.5
s	3.6	10.1
set 8m 13' 1/2" Gravel Vests		
3.60 10.07		
W CB		
s	3.9	9.8
cb	4.1	9.6
+6	4.1	9.6
1/4	3.6	10.1
2	3.6	10.1
+6	3.6	10.1
+7	3.2	10.5
1/4	3.3	10.4
cb	3.5	10.2
N	3.6	10.1

+

HI
13.67

Elev

W.C6 +3

N	3.5	10.2
cb	3.6	10.1
1/4	3.5	10.2
+6	4.2	9.5
+10	3.8	9.9
⊘	4.0	9.7
+5	3.5	10.2
1/4	3.5	10.2
cb	4.2	9.5
+9	4.0	9.7
S	3.8	9.9

W.C6 +9

S	4.1	9.6
cb	4.2	9.5
1/4	3.6	10.1
+8	3.6	10.1
⊘	4.0	9.7
1/4	4.0	9.7
cb	4.5	9.2
N	4.7	9.0

W 1/4

N	4.4	9.3
cb	4.3	9.4
1/4	4.2	9.5
⊘	3.9	9.8
1/4	3.8	9.9

+

HI
13.67

Elev

16

cb	4.2	9.5
S	4.3	9.4
⊘		
S	4.2	9.5
cb	4.1	9.6
1/4	3.9	9.8
⊘	3.8	9.9
1/4	3.9	9.8
cb	3.9	9.8
N	3.9	9.8

E 1/4

N	4.0	9.7
cb	4.1	9.6
1/4	3.9	9.8
⊘	3.8	9.9
1/4	4.1	9.6
+7	4.3	9.4
+8	4.2	9.5
cb	4.2	9.5
S	4.9	9.3

E Cb.

S	4.4	9.3
cb	4.0	9.7
+3	4.0	9.7
+5	4.6	9.1
1/4	4.2	9.5

+

H.I.
13.67

E/104

ϕ	3.8	9.9
ϕ/ϕ	4.1	9.6
+7	4.2	9.5
+9	3.6	10.1
cb	3.7	10.0
ix	3.7	10.0

E line Vesta = 00

E	3.9	9.8
cb	4.0	9.7
+4	4.0	9.7
+5	4.6	9.1
1/4	4.3	9.4
ϕ	3.9	9.8
+7	4.0	9.7
1/4	4.3	9.4
+8	4.7	9.0
+10	3.9	9.8
cb	4.1	9.6
S	4.1	9.6

0+05

S	4.7	9.0
cb	4.4	9.3
+4	4.5	9.2
+5	4.7	9.0
1/4	4.9	9.3
ϕ	4.2	9.5

+

H.I.
13.67

E/104

17

1/4	4.3	9.4
+7	4.8	8.9
+9	4.7	9.0
+11	4.3	9.4
cb	4.3	9.4
N	4.6	9.1

0+50

N	5.0	8.7
cb	4.9	8.8
+3	5.0	8.7
+4	5.5	8.2
1/4	5.4	8.3
+8	4.9	8.8
ϕ	4.9	8.8
1/4	5.2	8.5
+8	5.4	8.3
+10	4.9	8.8
cb	4.6	9.1
S	4.5	9.2

0+70

S	4.6	9.1
cb	4.6	9.1
+4	4.6	9.1
+5	5.6	8.1
1/4	5.4	8.3
ϕ	5.3	8.4

+

HI
13.67

-

Elev

1/4			5.9	7.8
+10			6.2	7.5
+11			5.8	7.9
ob			5.9	7.8
N			6.1	7.6
T.P.	7.03	14.85	5.85	7.82

1400

N			7.6	7.3
ob			7.4	7.5
+9			7.3	7.6
+6			7.9	7.0
1/4			7.6	7.3
⊕			7.2	7.7
1/4			7.3	7.6
+9			7.4	7.5
+10			6.9	8.0
cb			6.8	8.1
S			6.5	8.4

1425

S			7.5	7.4
+5			7.7	7.2
+12			7.4	7.5
cb			7.4	7.5
+3			7.4	7.5
+4			8.0	6.9
1/4			7.6	7.3

+

HI
14.85

-

Elev

18

⊕			7.9	7.5
1/4			7.4	7.5
+8			7.9	7.0
+9			7.4	7.5
cb			7.5	7.4
N			7.7	7.2

1432

N			7.7	7.2
cb			7.6	7.3
+4			7.7	7.2
+5			8.0	6.9
1/4			7.5	7.4
⊕			7.2	7.7
1/4			7.8	7.1
+5			7.9	7.0
+7			8.2	6.7
+8			7.6	7.3
cb			7.8	7.1
+9			8.1	6.8
S			8.1	6.8

1450

S			8.1	6.8
+5			8.2	6.7
cb			8.0	6.9
+4			8.0	6.9
+5			8.4	6.5

H.I.
14.85

Elev

H.I.
14.85

19

T +7	8.2	6.7
+ 1/4	7.9	7.0
+ 1/2	7.9	7.5
O +6	7.2	7.7
N 1/4	7.6	7.3
T +7	8.0	6.9
+8	7.7	7.2
^ cb	7.6	7.3
cb N	7.6	7.3
+ 2+00		
+ N	7.6	7.3
1 cb	7.3	7.6
8 +4	7.3	7.6
1 +6	8.2	6.7
+ 1/4	7.6	7.3
+ 1/2	7.9	7.5
O 1/4	7.7	7.2
S +7	8.3	6.6
+9	8.0	6.9
S cb	7.9	7.0
+ S	8.2	6.7
+ 1 2+35		
cb S	7.9	7.0
+ cb	7.8	7.1
+ +4	7.7	7.2
1 +5	8.2	6.7

1/4	7.6	7.3
1/2	7.2	7.7
+3	7.2	7.7
1/4	7.8	7.1
+7	8.1	6.8
cb	7.9	7.0
N	7.9	7.5
2+50		
N	7.4	7.5
cb	7.3	7.6
+9	7.5	7.4
+5	7.9	7.0
1/4	7.7	7.2
1/2	7.4	7.5
1/4	7.6	7.3
+3	7.9	7.0
+9	7.4	7.5
cb	7.5	7.4
S	7.6	7.3
3+00		
S	7.3	7.6
cb	6.5	8.4
+4	6.6	8.3
+5	7.1	7.8
1/4	6.7	8.2
+2	6.4	8.5

HI. - E/4
14.85

2	6.1	8.8
1/4	6.6	8.3
+8	7.1	7.8
+10	6.5	8.4
cb	6.7	8.2
N	6.6	8.3
3+10		
N	6.2	8.7
cb	5.8	7.1
+3	5.7	9.2
+4	6.7	8.2
+11	6.3	8.6
1/4	6.3	8.6
2	6.0	8.9
1/4	6.6	8.3
+9	6.9	8.0
+10	6.4	8.5
cb	6.5	8.4
S	6.5	8.4
3+50		
S	6.2	8.7
cb	5.9	9.0
+4	5.8	9.1
+5	6.2	8.1
1/4	6.1	8.8
2	5.1	9.8
1/4	5.8	9.1

HI. - E/4
14.85

655
605
20

+8	6.2	8.7
+10	5.1	9.8
cb	5.0	9.9
N	5.2	9.7
3+75		
N	5.2	9.7
cb	5.2	9.7
+4	5.2	9.7
+5	6.0	8.9
1/4	5.5	9.4
2	4.9	10.0
1/4	5.6	9.3
+8	6.2	8.7
+9	5.3	9.6
cb	5.3	9.6
S	5.4	9.5
4+00		
S	5.2	9.7
cb	5.0	9.9
+4	5.0	9.9
+5	5.8	9.1
1/4	5.9	9.5
+3	5.1	9.8
2	4.6	10.3
1/4	5.3	9.6
+8	5.8	9.1

+

H.I.
14.85

-

E/ky

t9	5.0	9.9
cb	5.0	9.9
N	4.9	10.0
	4.50	
N	4.8	10.1
cb	4.9	10.0
t9	4.8	10.1
t5	5.8	9.1
t9	5.2	9.7
1/4	5.1	9.8
t5	4.7	10.2
¢	4.4	10.5
1/4	5.4	9.5
t8	6.0	8.9
t9	5.3	9.6
cb	5.3	9.6
S	5.2	9.7
	5.00	
S	5.6	9.3
cb	5.5	9.4
t4	5.9	9.5
t5	6.3	8.6
t10	5.6	9.3
1/4	5.5	9.4
t8	4.6	10.3
¢	4.9	10.5

+

H.I.
14.85

-

E/ky

21

t7	4.6	10.3
1/4	5.1	9.8
t7	5.8	9.1
t10	4.9	10.0
cb	4.9	10.0
N	4.8	10.2
	5.50	
N	4.7	10.2
cb	4.5	10.4
t3	4.5	10.9
t5	5.4	9.5
t10	4.9	10.0
1/4	4.9	10.0
t8	4.3	10.6
¢	4.2	10.7
1/4	5.2	9.7
t8	5.9	9.0
t9	5.0	9.9
cb	5.0	9.9
S	5.2	9.7
	6.00	2.5
S	4.9	10.0
cb	4.7	10.2
t4	4.7	10.2
t5	5.3	9.6
1/4	4.8	10.1

+

H2.
14.85

-

Elev

2 9.2 10.7

1/4 9.4 10.5

+7 9.8 10.1

+9 9.1 10.8

06 9.3 10.6

N 3.9 11.0

Set BM 13' Mon

Gug vat Vaden

Check on BM

B Min 6.0 vov

Vestis

2.72

13.16

4.41

10.44

3.07

10.09

22

Bliss
Durrill
Jacobson
Kierulff
Holtz
8M 13 Mon
Guava Vesta

X Sections Vesta Street from the
S. Line Filbert to 160' S of the S. Line of
Guava HZ 2109
404 14.13 1025

S. Line Filbert 200

60' St
10' cbs
10' 1/2

N	5.2	8.9	K
K Top cb	5.30	8.83	cb
G	5.9	8.7	t5
1/4	5.3	8.8	1/4
1/4	5.3	8.8	1/4
1/4	5.4	8.7	cb
t2	5.7	8.4	t2
G	5.9	8.2	E
E Top cb	5.61	8.52	E
E	5.5	8.6	cb
E	3.9	10.7	1/4
t9	3.5	10.6	1/4
t6	5.5	8.6	1/4
cb	5.8	8.3	t5
t8	5.6	8.5	t7
1/4	5.9	8.7	cb
1/4	5.3	8.8	K
1/4	5.3	8.8	K
cb	5.3	8.8	N
t3	5.2	8.9	cb
t4	3.9	10.7	t4
K1	3.9	10.7	1/4

0+10

1/4

+

HI
14.13

0+10

Elev

23

3.5	10.6
3.6	10.5
9.2	9.9
4.3	9.8
4.5	9.6
4.6	9.5
3.8	10.3
3.4	10.7
3.4	10.7

0+25

3.8	10.3
9.2	9.9
9.2	9.9
3.9	10.2
3.6	10.5
3.8	10.3
4.2	9.9
3.8	10.3
3.6	10.5
3.5	10.6

0+50

4.0	10.1
9.2	9.9
4.6	9.5
4.2	9.9
4.1	10.0

HZ
14.13

t5	4.2	9.9
1/4	4.7	9.4
cb	4.3	9.8
E	4.4	9.8
1100		
E	5.1	9.0
cb	5.1	9.0
t4	5.0	9.1
t8	5.8	8.3
1/4	5.9	8.2
t3	5.2	8.9
ϕ	4.9	9.2
1/4	4.8	9.3
t5	5.0	9.1
t7	5.3	8.8
cb	5.1	9.0
W	5.1	9.0
1140		
W	4.8	9.3
cb	4.5	9.6
1/4	4.7	9.4
ϕ	4.8	9.3
t8	4.8	9.3
1/4	5.4	8.7
t9	6.0	8.1
t6	5.6	8.5

HZ
14.13

24

cb	5.2	8.9
E	4.6	9.5
1160		
E	4.7	9.4
cb	4.8	9.3
1/4	4.7	9.4
ϕ	4.8	9.3
1/4	4.7	9.4
cb	4.6	9.5
W	4.6	9.5
t6	5.5	8.6
t10	5.7	8.4
1170		
W	5.3	8.8
t6	5.7	8.4
cb	5.9	8.7
t2	5.1	9.0
t6	4.7	9.4
1/4	4.7	9.4
ϕ	4.7	9.4
1/4	4.9	9.2
cb	4.8	9.3
E	4.6	9.5
1180		
E	4.5	9.6
cb	4.9	9.2

4.2
14.13

1/4	4.9	9.2
2	4.9	9.2
1/4	4.7	9.4
+5	4.7	9.4
+8	5.5	8.6
cb	5.6	8.5
NY	5.2	8.9

2400

W	4.8	9.5
cb	5.2	8.9
1/4	4.8	9.3
2	4.9	9.2
1/4	4.9	9.2
cb	5.0	9.1
E	4.6	9.5

2450

E	4.5	9.6
cb	4.4	9.7
+5	5.0	9.1
1/4	5.1	9.0
2	5.3	8.8
1/4	5.1	9.0
+6	5.3	8.8
+8	3.9	10.2
cb	3.7	10.4
NY	3.6	10.5

4.2
14.13

2475

NY	3.6	10.5
cb	3.8	10.3
+2	4.2	9.9
+3	5.3	8.8
1/4	5.0	9.1
2	4.8	9.3
1/4	5.1	9.0
+7	5.1	9.0
cb	4.8	9.3
E	4.6	9.5

3401.50 N. line Guaya

E	4.9	9.7
cb	4.2	9.9
+3	4.1	10.0
+6	4.5	9.6
1/4	4.4	9.7
2	4.4	9.7
+3	4.5	9.6
1/4	4.9	9.2
+6	5.1	9.0
+8	4.0	10.1
cb	4.0	10.1
NY	4.2	9.9

S. line Guaya = 00

NY	4.3	9.8
cb	4.3	9.8

25

+

HZ
14.13

-

Eley

t2	9.2	9.9
t4	9.8	9.3
1/4	9.8	9.3
£	4.6	9.5
+2	9.4	9.7
1/4	9.8	9.3
+4	9.9	9.2
+5	9.7	9.4
cb	9.8	9.3
t3	9.5	9.6
E	9.6	9.5
	0+30	
E	5.3	8.8
cb	5.2	8.9
1/4	5.1	9.0
£	9.5	9.6
+5	9.9	9.2
1/4	9.8	9.3
+6	9.7	9.4
+9	9.3	9.8
cb	9.4	9.1
+8	9.5	9.6
+9	3.8	10.3
W	3.8	10.3
	0+50	
W	4.2	9.9

HZ
14.13

26

t2		4.7	9.4	
cb		4.9	9.2	
+5		5.2	8.9	
T.P.	168	⁵⁸ 10.74	5.23	8.90
1/4		1.6	9.0	
£		1.6	9.0	
+2		1.2	9.4	
1/4		1.9	8.7	
cb		2.0	8.6	
+5		2.2	8.4	
E		2.6	8.0	
t10		2.9	7.7	
		0+65		
-10		3.4	7.2	
E		3.1	7.5	
cb		2.9	7.7	
+4		2.5	8.1	
1/4		2.3	8.3	
+9		1.6	9.0	
£		2.0	8.6	
1/4		1.9	8.7	
cb		1.6	9.0	
W		1.8	8.8	
		1+00		
W		2.3	8.3	
cb		2.5	8.1	

	H.I. 58 10.74	Elev
t9	3.0	7.6
1/4	2.9	7.7
¢	2.8	7.8
+1	2.4	8.2
+7	2.6	8.0
1/4	2.9	7.7
cb	3.2	7.4
+9	3.2	7.4
E	2.9	7.7
+10	3.4	7.2
H15		
-10	4.3	6.3
E	3.9	6.7
cb	3.7	6.9
1/4	3.3	7.3
+9	2.6	8.0
¢	2.9	7.7
1/4	3.1	7.5
+7	3.0	7.6
cb	2.6	8.0
W	2.2	8.4
H90 N. line Alley		
W	2.8	7.8
cb	2.8	7.8
+5	3.4	7.2
1/4	3.3	7.3

	H.I. 58 10.74	Elev
t5	3.5	7.1
¢	3.1	7.5
+1	2.9	7.7
1/4	3.6	7.0
+5	4.2	6.2
cb	4.0	6.6
E	4.3	6.3
+10	4.4	6.2
H60 S. line Alley N. line RR. Property		
-10	4.4	6.2
E	4.2	6.4
cb	4.2	6.4
1/4	3.7	6.9
+7	3.2	7.4
¢	3.4	7.2
+7	3.4	7.2
1/4	3.7	6.9
cb	3.2	7.4
W	2.8	7.8
Levels Along E. Vesta from RR. Propto N. Rail S.D. & A.A. RR. RR. Prop Line = 00		
0+00	3.4	7.2
+50	4.3	6.3
+100	5.3	5.3
+13	5.2	5.4
+18	4.8	5.8

Levels & Thor from RR Prop
line South to North Cut of SDIARR

	+	HI	-	5.61
B.M. off fence peg in ground & Thor	118	15.46		14.97
RR Fence 0+00 Prop line			0.7	15.0
0+50			1.2	14.5
1+00			1.5	14.2
1+50			2.0	13.7
2+00			2.7	13.0
+17			2.5	13.2
+50			3.2	12.5
3+00			3.8	11.9
+50			4.4	11.3
4+00			5.0	10.7
+50			4.7	11.0
5+00			3.3	12.7
+15			3.2	12.5
+70 Top RR cut			0.3	15.4
+74			5.4	10.3
+80 Bottom RR cut			11.8	3.9
6+00			13.3	2.4
T.P.	359	10.66	8.58	707
check out on RR rail off hand line			5.91	475
				$\frac{477}{0.02}$ ✓

N.E. Glass Jan 11/1929
 Overmit 7
 Jacobson & Co. from the W line of Woden W to Intersection
 Kiernan R. " with Pueblo Line W of Thor. See sketch page 3
 BM 13 Mon
 Woden & Guava 2.50 12.94 10.44

A line Along R.R. Fence

W line
 Ctoo Woden
 +29
 +25
 +50
 1+00
 +48
 +50
 +60
 +85
 2+00
 +15
 +50
 3+00
 +50
 +85
 4+00
 +50
 5+00
 W.P.
 +50
 6+00 E line Vesta
 +25
 +60 W " Vesta
 7+00

4.6 8.3
 4.6 8.3
 3.9 9.0
 4.2 8.7
 4.5 8.4
 4.5 8.4
 5.2 7.7
 5.4 7.5
 4.7 8.2
 4.7 8.2
 5.0 7.9
 4.0 8.9
 3.5 9.4
 3.0 9.9
 2.3 10.6
 3.1 9.8
 4.7 8.2
 5.9 7.0
 5.95 7.15
 7.2 5.6
 6.5 6.3
 5.4 7.4
 5.0 7.8
 5.2 7.6

10.44
 +90
 +50
 7.65
 +80
 8+00
 +15
 +55
 +75
 +80
 9+00
 +50
 10+00
 +50
 11+00
 7.P 2.45
 +50
 12+00
 +35
 +60 E line Una
 +70
 13+00
 +09
 +20
 +50
 14+00
 +50

+
 H.I. 75
 12.94
 -
 E/01
 5.2 7.6
 3.9 8.9
 9.0 8.8
 5.1 7.7
 4.7 8.1
 5.8 7.0
 5.7 7.1
 4.3 8.5
 4.2 8.6
 5.5 7.3
 4.4 8.4
 5.2 7.6
 5.2 7.6
 5.5 7.3
 5.43 7.48
 2.5 7.3
 2.9 6.9
 2.9 6.9
 3.3 6.5
 4.4 5.4
 4.3 5.5
 3.8 6.0
 4.4 5.4
 4.8 5.0
 4.9 4.9
 4.8 5.0

42.7
9.95

+

-

Elev

15+00			9.9	4.9
+50			5.0	4.8
16+00			9.2	5.6
+15			2.9	6.9
+35			3.2	6.6
+55			1.6	8.2
+90			0.6	9.2
17+00			0.9	8.9
T.P.	11.23	19.85 20.01	1.15	8.75 8.75
+50			9.8	10.1
+85			8.3	11.6
18+00			8.2	11.7
+50			7.9	12.5
19+00			6.7	13.2
+20	E line Then		5.8	14.1
+50			5.0	14.9
+80	W " "		4.9	15.0
20+00			4.8	15.1
+50			4.2	15.7
21+00			3.9	16.0
+15			4.6	15.3
+96	Intersects Pueblo Line Approx. RR Fence Angles MW.		4.3	15.5
Set BM. check			5.53	14.45 32

Bliss 1/11/29

Levels South of S.D.A. RR Prop
Line from W. Line Wadena W. to Intersection With
Elev. Pueblo Line

BM	Dist	HI	Elev
B.M. 3' Mon Guava Waden	5.13	15.73	10.60
"B" line 100' South of RR Prop line			
Set B.M. ^{200'} W. Line Wadena		4.44	11.29
0+00		8.2	7.4
+50		8.0	7.6
+80		8.1	7.5
1+00		6.9	8.7
+25		6.5	9.1
+50		5.8	9.8
2+00		5.1	10.5
+50		4.4	11.2
3+00		5.1	10.5
+50		5.4	10.2
4+00		6.0	9.6
+50		6.6	9.0
5+00		7.1	8.5
T.P.	2.29	11.32	8.87 9.03
+50		3.8	7.4
6+00	E. line Vesta	4.7	6.5
+30		5.9	5.3
7+00	W. line Vesta	5.7	5.5
+80		6.6	4.6
8+00		6.2	5.0
+50		5.3	5.9
9+00		5.4	5.8
+50		5.5	5.7

+	HI	-	Elev
	11.32		
9+00		4.7	6.5
+40		3.6	7.6
10+00		3.7	7.5
+50		3.7	7.5
11+00		4.3	6.9
T.P.	3.79	4.8	6.4
+50		4.09	7.07 7.23
12+00		4.7	6.2
+50		5.1	5.8
13+00		5.6	5.3
+60	E. line Vesta	4.7	6.3-6.2
14+00		5.8	5.1
+70	W. line	5.2	5.7
+50		5.1	5.9
15+00		5.1	5.8
+50		5.6	5.3
+70		6.3	4.6
16+00		6.0	4.9
+35		5.2	5.7
+50		3.8	7.1
17+00		2.1	8.8
+50		0.3	10.6
T.P.	8.09	0.58	10.28 10.44
+90		6.6	11.7
18+00		5.7	12.6
+50		5.7	12.6

	+	H.I. 32 18.48	-	Elev
18100			6.0	12.3
+50			5.9	12.9
19100			9.8	13.5
+20	E Line Thor		9.6	13.1
+80	N " "		4.1	14.2
20100			9.0	14.3
+50			3.5	14.8
+63	Approx Intersection Peckb line		3.5	14.8
Checkout of BM Set on Runway A Line			9.02	14.46 ✓

11/29

Levels South of S.D.A. R.R. from W Line
Widen West to Intersection with E. Thor
"C" Line 200' South R.R. Prop Line

+

HI 19
12.35

-

Elev

34

BM 200' SRR Prop
W Line + W Line Station
Pg 17 Ground
W Line Widen = 00

283

13 96
~~14 12~~

13
~~11 29~~

5 6	8.4
6.2	7.8
5.9	8.1
5.2	8.8
4.6	9.4
5.1	8.9
5.5	8.5
5.0	9.0
4.2	9.8
5.1	8.9
4.9	9.1
5.2	8.8
5.7	8.3
6.0	8.0
6.0	8.0
6.8	7.2
7.3	6.7
6.54	7.58
5.8	6.4
6.5	5.7
7.1	5.1
7.2	5.0
8.2	4.0
8.8	3.4
8.2	4.0

8700
730
750
9700
750
10700
750
11700
750
12700
7.9
750
760
13700
720
750
14700
750
15700
750
16700
740
17700
750
18700
750
19700
750

10:43

15.79

E Line Una

W Line Una

E. Thor

check on BM set on A Line

7.1
6.3
6.3
5.1
5.4
5.6
5.9
6.4
6.8
6.8
7.3
6.99
10.8
9.9
10.2
10.7
10.6
9.7
9.2
9.4
8.2
7.0
5.2
9.4
4.3
9.2
3.8
2.9
3.3
13.1

32
14.78

5.2
5.9
5.9
7.1
6.8
6.6
6.3
5.8
5.4
5.0
5.20
5.0
5.1
5.0
5.9
6.4
6.2
7.4
8.6
10.4
11.2
11.3
11.4
11.8
11.7
12.3

1/14/29
W.E. Bliss

Levels South R.R. Prop. Line W Line
Wadento & Thor
"D" line 300' South R.R. Prop
H.I.

+	H.I.	Elev
Region W Line	12.99	13
BM Wadento's RR	1.86	11.29
Prop Fence		
W Line Wadento = 00		9.1
+40		3.5
+55		9.7
+100		5.4
+150		6.2
2100		5.7
+150		5.5
3100		5.0
+150		5.7
+80		6.2
4100		7.4
+150		8.5
+65		8.3
+80		9.3
5100		8.7
+150		8.5
6100 E. Line Vesto		8.8
T.P.	7.41	8.09
+30		8.6
+60 W Line Vesto		9.3
7100		8.8
+150		5.3
8100		9.5
+150		4.5

+	H.I.	Elev
	12.31	5.0
	12.47	7.3
9100		4.5
+150		4.5
+70		3.1
10100		5.2
+30		5.3
+45		4.7
+60		5.8
11100		6.6
+150		6.6
12100		6.0
+150		4.8
+60 E Line Una		9.0
13100		5.4
T.P.	8.12	4.65
+15	78	8.2
+20	13.74	6.1
+150		5.5
14100		6.4
+150		7.6
15100		7.4
+20		8.8
+150		9.2
16100		8.0
+150		6.2
17100		5.1
+150		5.5

3 8 3.7

6.7 6.6

4.278
15.74

- Elev

1800 4.8 11.0

+50 4.4 11.4

1900 3.7 12.1

+20 E line 3.6 12.2

+50 G Thor 3.7 12.1

check out
000M set on 12.24 1.47 14.47³¹

1/11/49
W 15 Blus
SM Poo W line
Woden 2003 of line
W Line
0100 Woden

"E Line 900' South of RR Prop

line	H.I. 69	Elev	
1.59	12.55	11.29	
		9.5	8.4
+50		9.6	8.1
1100		6.1	6.6
+50		8.4	4.5
2100		7.6	5.3
+50		6.4	6.5
3100		6.6	6.3
+50		6.9	6.1
4100		6.9	6.0
+50		8.9	5.8
5100		10.7	4.5
+40		10.7	4.3
6100		8.7	2.2
+20		8.7	2.0
+60		7.2	2.2
7100		6.7	2.0
TP		5.9	4.0
+30		4.9	4.2
+60		4.9	4.0
8100		4.9	5.5
+50		6.9	6.0
9100		5.7	7.0
+20		6.7	7.3
+50		6.8	8.0
+70		6.0	7.1
		6.8	7.0
			6.9
			7.7
			6.9

E Line Yesta

W Line Yesta

check out on BM

TP check out on N.P. 15/11/49

+

10100
+50
11100
+50
12100
+60
13100
+15
+20
+50
14100
+50
15100
TP
+50
16100
+50
17100
+50
18100
+50
19100
+20
+50
TP

E Line Una

W Line Una

E Line

& Thor

3.59

50

10.50

8.00

5.75

H.I. 69
13.55

8.38
15.49
15.55

118

8.58

5.75

	-	Elev	
	8.3	5.5	5.4
	8.1	5.7	5.6
	6.8	7.0	6.9
	6.0	7.8	7.7
	5.0	8.8	8.7
	9.0	9.8	9.7
	5.8	8.0	7.9
	5.2	8.6	8.5
	3.9	10.4	10.3
	3.1	10.7	10.6
	9.3	9.5	9.4
	6.2	7.6	7.5
	6.9	6.4	6.8
	6.58	7.11	7.1
	9.3	6.3	6.2
	8.2	7.4	7.3
	7.1	8.5	8.4
	6.6	9.0	8.9
	6.2	9.9	9.3
	5.8	9.1	9.7
	5.7	9.8	9.8
	5.2	10.3	10.3
	4.8	10.1	10.7
	4.9	10.6	10.6
	118	14.47	14.38
	8.58	6.91	7.07
	5.75	4.75	

37

		Cross levels from RR fence + Prop			H.I. 13	-	Elev
		Line 900 South			12 29		
		+ H2	Elev				
BM 13 Mon. Vista Nueva		2.06	10.23				
		Line #1 = 7+25		+65		6.0	6.1
				+85		5.3	6.8
				1+00		6.9	5.7
	RR Prop Line	9.6	7.5	+15		7.3	4.8
	+56	5.1	7.0	+30		7.3	4.8
	+70	5.0	7.1	+50		7.6	4.5
	+85	5.4	6.7	+55		8.0	4.1
	1+00	6.8	5.3	+62		8.0	4.1
	+20	7.6	4.6	+70		6.9	5.7
	+55	8.2	3.9	+90		6.1	6.6
	+60	7.9	4.2	2+00		7.1	5.0
	+75	7.6	4.5	+10		7.1	5.0
	+90	7.6	4.5	+25		7.5	4.6
	2+00	8.3	3.8	+40		5.1	7.0
	+15	7.1	5.0	+65		5.9	6.2
	+20	7.4	4.7	3+00		9.4	7.7
	+30	8.4	3.7		Line #3 = 8+50		
	+35	8.7	3.5				
	+53	8.6	3.6	RR			
	+73	8.0	4.1	0+00 Prop line		5.3	6.8
	3+00	6.4	5.7	+35		6.1	6.0
				+50		6.2	5.9
				1+00		6.5	5.6
				+53		6.4	5.7
				+58	Bottom Hand dog	7.5	4.6
				+60	Ditch to Drain country	5.7	6.4
				+75		5.1	7.0
				+90		5.5	6.6
	RR	Line #2 = 8+00					
	0+00 Prop	9.2	7.9				
	+15	5.2	6.9				
	+35	4.7	7.4				
	+50	4.9	7.2				

	H.I. 12.29		Elev
2400		6.3	5.8
+10		6.2	5.9
+40		5.8	6.3
+75		3.5	8.6
3400		9.3	7.8
		Line #4 = 9400	
RR Propline		9.8	7.3
+35		5.5	6.6
+60		4.3	7.8
+80		5.6	6.5
1400		5.6	6.5
+40		6.5	5.6
+52		6.3	5.8
+56	Bottom Ditch	7.1	5.0
+58		6.5	5.6
+68		5.7	6.4
+75		9.7	7.4
2400		5.0	7.1
		Line #5 = 10400	
RR Propline		9.5	7.6
+25		9.8	7.3
+50		9.5	7.6
+75		5.0	7.1
1400		9.6	7.5
+25		5.4	6.7
+40		5.2	6.9

	H.I. 12.29		Elev
+53		5.9	6.2
+56		6.3	5.8
+57	Bottom Ditch	6.8	5.3
+58		6.2	5.9
160		5.6	6.5
+65		9.7	7.4
2400		5.5	6.6
		Line #6 = 11400	
RR Propline		4.8	7.3
+50		5.2	6.9
1400		5.7	6.4
+20		5.7	6.4
+35		5.3	6.8
+40		5.8	6.3
+53		5.8	6.3
+56		6.7	5.4
+57	Bottom Ditch	7.2	4.9
+58		6.8	5.3
160		5.6	6.5
+65		5.9	6.7
2400		6.4	5.7
		Line #7 = 12400	
RR Propline		5.4	6.7
+50		5.9	6.7
1400		6.4	5.7
+25		6.7	5.4

+

H 23
12.27

-

Elev

+53		6.8	5.3
+56	Bottom Ditch	7.2	4.9
+58		7.1	5.0
+60		7.0	5.1
+75		6.8	5.3
+85		7.2	4.9
2100		7.2	4.9
check out on BM		206-	10.07

40

X-Section Pennsylvania Ave. from Park Blvd. to W. End. 30' between Curbs.

JAEGER
Bailey
Clavert
Brooks

300.74

Febr. 4th 1929.

41

STA	+	H.I.	-	Elev.		+	H.I.	-	Elev.
P.M.	NE. B.P. Park Blvd. & Robinson			304.01		S 1/4		3.3	297.44
		2.12	306.13			S. Curb Bott.		3.6	297.14
	T.P.			298.62		✓ Top		2.91	297.83
		2.12	300.74 ✓		1+00				
0+00	W.L. Park Blvd.					S. Curb Bott.		4.3	296.44
	N. Curb Top		1.91	298.83		✓ Top		3.59	297.15
	✓ Bott		2.47	298.27		S 1/4		4.0	296.74
	N 1/4		2.48	298.26		¢		3.6	297.14
	¢		2.46	298.28		N 1/4		3.9	296.84
	S 1/4		2.51	298.23		N. Curb Bott.		4.1	296.64
	S. Curb Bott.		2.76	297.98		✓ Top		3.44	297.30
	✓ Top		2.30	298.44	1+50				297.30
0+22						N. Curb Top		4.13	296.61
	S. Curb Top		2.48	298.26		✓ Bott.		4.8	295.94
	✓ Bott.		3.1	297.64		N 1/4		4.5	296.24
	S 1/4		2.8	297.94		¢		4.3	296.44
	¢		2.55	298.19		S 1/4		4.7	296.04
	N 1/4		2.6	298.14		S. Curb Bott.		4.8	295.94
	N. Curb Bott.		3.1	297.64		✓ Top		4.27	296.47
	✓ Top		2.36	298.38	1+79	E.L. Alley on North			
0+50						S. Curb Top		4.71	296.03
	N. Curb Top		2.72	298.02		✓ Bott.		5.25	295.49
	✓ Bott		3.4	297.34		S 1/4		5.10	295.64
	N 1/4		3.1	297.54		¢		4.6	296.14
	¢		3.0	297.74		N 1/4		4.9	295.84

Plotted 2-7-1929 C.B.H.

1211
2422
Amb

300.74

STA	+	H.I.	-	Elev.
N. Curb Bott.			5.1	295.64
✓ Top			4.59	296.15
N.L. Curb Top			4.44	296.30
✓ Bott.			4.45	296.29
2+03 ⁷⁰ W.L. Alley on North				
N.L. Curb Top			4.77	295.97
✓ Bott.			4.77	295.97
N. Curb Top	✓		4.94	295.80
✓ Bott.			5.4	295.34
N 1/4			5.2	295.44
φ			5.0	295.74
S 1/4			5.3	295.44
S. Curb Bott.			5.7	295.04
✓ Top			5.03	295.71
2+43 E.L. Alley on South				
S.L. Curb Top			5.30	295.44
✓ Bott.			5.30	295.44
S. Curb Top	✓		5.52	295.22
✓ Bott.			6.2	294.54
S 1/4			6.2	294.54
φ			5.7	295.04
N 1/4			5.9	294.84
N. Curb Bott.			6.2	294.54
✓ Top			5.46	295.28

300.74

STA	+	H.I.	-	42 Elev.
2+63 W.L. Alley on South				
N. Curb Top			6.00	294.74
✓ Bott.			6.90	293.84
N 1/4			6.5	294.24
φ			6.2	294.44
S 1/4			6.6	294.14
S. Curb Bott.	✓		6.6	294.14
✓ Top			6.02	294.72
S.L. Curb Bott.			5.89	294.85
✓ Top			5.89	294.85
3+00				
S. Curb Top			7.85	292.89
✓ Bott.			8.6	292.14
S 1/4			8.2	292.44
φ			7.8	292.94
N 1/4			8.1	292.64
N. Curb Bott.			8.5	292.24
✓ Top			7.73	293.01
3+57				
N. Curb Top			10.29	290.45
✓ Bott.			10.6	290.14
N 1/4			10.0	290.74
φ			10.1	290.64
S 1/4			10.3	290.44
S. Curb Top			10.40	290.34
✓ Bott.			10.8	289.94

STA	+	H.I.	-	Elev.
T.P.			6.17	294.57
	3.97	298.54		
T.P.			8.11	290.43
	6.00	302.45	2.09	296.45
T.P.			1.78	300.67
	5.23	305.90		
			1.88	304.01

B.M. B.P. SE. Cypress & Herbert. 290.49

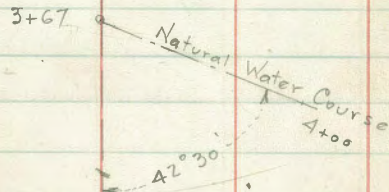
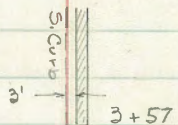
B.M. B.P. N.E. Park Blvd. & Robinson. 304.01

Continuation 3' North of South Curb Pennsylvania.

3+57	S. Curb Top			290.34
		0.74	291.08	
3+60			2.4	288.7
+61			5.6	285.5
+67			7.3	283.8
+82			9.9	281.2
+83			8.4	282.7
4+00			13.8	277.3
+15			19.3	271.8

From St. 3+67 along Natural Water Course

3+75			13.3	277.78
	T.P.	0.00	277.78	
+85			3.7	274.1
+95			6.9	270.9
4+00			7.8	270.0



4+15

X Sec Alley Between Vancouver & Haller
from N.L. Quince to St Myrtle.

3/12/29
London

44

Hub NW Vancouver
B.M. 6.97

299.43

292.96

1+50

299.43

0+00 = N.L. Quince

w.L.

5.7 293.7

EL 5.6 293.8

±

5.9 293.5

± 5.3 294.1

EL

6.4 293.0

w.L. 5.2 294.2

1+75

0+35

EL

7.4 292.0

w.L. 4.9 294.5

±

7.2 292.2

± 4.7 294.7

±

6.8 292.6

EL 5.2 294.2

±

6.5 292.9

0+45

±

6.5 292.9

EL 5.2 294.2

w.L.

6.2 293.2

± 4.9 294.5

2+00

w.L. 4.6 294.8

w.L.

7.2 292.2

0+70

±

8.2 291.2

w.L. 4.7 294.7

EL

8.8 290.6

± 4.5 294.9

2+25

± 4.6 294.8

EL

10.8 288.6

EL 4.9 294.5

±

10.1 289.3

EL 5.2 294.2

w.L.

8.3 291.1

1+00

2+75

EL fence on sin 5.4 294.0

w.L.

11.3 288.1

± 5.0 294.4

±

12.2 287.2

w.L. 5.0 294.4

±

12.9 286.5

EL

13.3 286.1

T.P. 0.47 286.96 12.94 286.49

3+00	286.96		
E.L.	2.0	285.0	
±	1.0	286.0	
W.L.	+0.2	286.8	
3+25			
W.L.	0.8	286.2	
±	2.5	284.5	
E.L.	3.6	283.4	
garage 2.6 E. earth floor	3.6	283.4	
3+32			
garage 2.6 E. earth floor	3.7	283.3	
3+46			
E.L.	4.0	283.0	
+8	3.6	283.4	
±	4.5	282.5	
+2	3.3	283.7	
W.L.	1.8	285.2	
3+65			
W.L.	2.7	284.3	
+5	3.8	283.2	
±	7.0	280.0	
+3	5.8	281.2	
E.L.	5.5	281.5	

3+83	286.96		
10E	16.0	271.0	
6E	14.4	272.6	
E.L.	11.1	275.9	
±	9.2	277.8	
+5	6.3	280.7	
W.L.	4.4	282.6	
3+95			
W.L.	6.1	280.9	
+6	8.7	278.3	
+8	12.2	274.8	
±	12.7	274.3	
+6	12.5	274.5	
+9	13.2	273.8	
E.L.	13.6	273.4	
10E	19.6	267.4	
17E	22.0	265.0	
4+32			
25E	30.5	256.5	
16E	27.4	259.6	
13E	25.5	261.5	
E.L.	17.8	269.2	
+8	16.9	270.1	
±	18.1	268.9	
+5	12.8	274.2	
W.L.	11.6	275.4	
TP. 0.05	274.07	12.94	274.02

A+64		274.07	
w.L.		9.5	264.6
±	M.H. top	13.60	261.77
	F.L.	22.20	251.87
+6		13.5	260.6
+8		12.5	261.6
EL		12.9	261.2
13E		16.1	258.0
2SE		14.3	259.8
A+77			
10E		10.3	263.8
EL		11.9	262.2
+4		12.4	261.7
+7		13.3	260.8
±		13.4	260.7
#3		13.4	260.7
+5		12.5	261.6
w.L.		11.8	262.3
A+93			
10W		10.0	264.1
3W		12.6	261.5
w.L.		11.6	262.5
+9		10.6	263.5
±		11.2	262.9
+5		7.1	267.0
EL		5.3	268.8

5+20		274.07	
EL		+1.1	275.2
+6		0.4	273.7
±		6.3	267.8
+1		4.9	269.2
w.L.		6.8	267.3
10W	bot Ravine	9.9	264.2
15W		7.1	267.0
5+40			
17W		5.7	268.4
12W	bot Ravine	8.4	265.7
7W		6.0	268.1
3W		4.0	270.1
w.L.		3.8	270.3
+9		1.0	273.1
±		2.9	271.2
TP	12.81	286.31	0.57
+1		12.0	274.3
EL		6.5	279.8
6+00			
EL		+2.0	288.3
+5		+0.2	286.5
+9		5.8	280.5
±		5.8	280.5
+1		3.8	282.5
+8		6.2	280.1
w.L.		7.7	278.6

6+00	286.31		
19W bot. Ravine.	16.6	269.7	
6+20 = S.L. Redwood			
30W bot. Ravine.	16.2	270.1	
13W	7.8	268.5	
3W	2.8	283.5	
W.L.	2.1	284.2	
+2	0.9	285.4	
T.P.	13.06	299.16	0.21
+8		12.7	286.5
±		13.8	285.4
+1		13.8	285.4
+2		11.5	287.7
+4		10.3	288.9
EL		8.4	290.8
6+50 = ± Redwood			
±M.H top		6.39	292.77
F.L.		16.28	282.88

299.16
Redwood.

47

0+00 = N.L.			
EL	2.9	296.3	
+8	3.6	295.6	
±	5.6	298.6	
+2	4.6	294.6	
+7	5.2	294.0	
W.L.	6.5	292.7	
10W	11.0	288.2	
0+25			
SW	4.9	294.3	
W.L.	3.8	295.4	
+2	3.3	295.9	
+4	2.3	296.9	
+9	2.7	296.5	
+9	3.4	295.8	
±	3.4	295.8	
+1	3.5	295.7	
+1	2.4	296.8	
+5	2.0	297.2	
EL	1.7	297.5	

0+60	299.16		
EL		0.8	298.4
+9		1.6	297.6
+9		2.5	296.7
±		2.5	296.7
+2		1.8	297.4
+6		1.9	297.3
WL		3.2	296.0
7W		5.1	294.1
0+80			
10W		7.6	291.6
WL		3.8	295.4
+5		1.7	297.5
±		1.8	297.4
+1		1.2	298.0
EL		0.4	298.8
1+00			
E.L.		10.3	299.5
+9		0.2	299.0
±		0.6	298.6
+3		0.5	298.7
WL		1.7	297.5
5W		2.5	296.7
T.P.	11.88	210.75	0.29 298.87

1+50	310.75		
WL		10.9	299.9
+3		10.8	300.0
±		9.7	301.1
+2		9.8	301.0
+8		9.7	301.1
EL		9.4	301.4
2+00			
EL		8.1	302.7
±		8.0	302.8
+6		9.0	301.8
WL		9.1	301.7
2+50			
WL		7.6	303.2
±		6.9	303.9
EL		6.8	304.0
3+00			
EL		5.4	305.4
±		5.6	305.2
+8		6.2	304.6
WL		5.9	304.9
3+50			
WL		4.9	305.9
+2		5.1	305.7
±		4.6	306.2
EL		4.6	306.2

4+00	310.75		
EL		3.5	307.3
±		3.8	307.0
WL		4.0	306.8
T.P.	4.35	314.26	0.84 309.91

4+35			
WL		6.8	307.5
±		6.2	308.1
+2		6.3	308.0
+3		6.0	308.3
+7		6.4	307.9
EL		6.1	308.2

4+35 ^E			
M.H. on ±	F.L.	11.82	302.44
top		6.00	308.26

4+60			
EL		5.5	308.8
+1		6.0	308.3
±		6.1	308.2
+8		6.5	307.8
WL		6.3	308.0

5+00			
WL		5.9	308.4
+5		5.9	308.4
±		5.7	308.6
+8		5.7	308.6
EL		5.2	309.1

5+50	314.26		
EL		4.8	309.5
+2		5.1	309.2
+7		4.9	309.4
±		5.3	309.0
WL		5.4	308.9

6+00			
WL		4.7	309.6
+5		4.8	309.5
±		4.7	309.6
EL		4.7	309.6

6+20^a = S.L. Thorn.

EL	top eb	4.72	309.54
EL	grd	5.1	309.2
+5		5.2	309.1
±		5.2	309.1
+4		5.1	309.2

WL	grd	5.1	309.2
WL	top eb	4.68	309.58

6+30^a = S.eb Thorn.

WL	top eb	4.96	309.30
EL	grd	5.14	309.12

BM	N16 & Thorn.	10.59	303.67	(503.67)
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6+50^a = ± Thorn.

M.H.	on ±	F.L.	10.31	303.95
top			4.40	309.86

Station	Dist	W.L.	Reduction
Net Thorn	314.26		
w.L. top ch	4.38	309.88	
EL ✓ ✓	4.27	309.99	
0+00 = N.L. Thorn			
EL top ch	4.13	310.13	
EL grd	4.7	309.6	
±	4.2	310.1	
w.L. grd.	4.8	309.5	
w.L. top ch	4.19	310.07	
0+05			
w.L.	3.8	310.5	
+5	3.8	310.5	
±	3.9	310.4	
EL.	4.1	310.2	
0+30			
EL	3.8	310.5	
±	3.5	310.8	
+1	3.2	311.1	
+5	3.6	310.7	
w.L.	3.7	310.6	
0+44			
w.L.	3.6	310.7	
±	3.5	310.8	
EL.	3.8	310.5	
garage 0.8 in ch E	3.8	310.5	

50

Station	Dist	W.L.	Reduction
0+90	314.26		
EL.	5.0	309.3	
+5	4.4	309.9	
±	3.8	310.5	
+5	3.8	310.5	
w.L.	3.5	310.8	
1+00			
w.L.	3.4	310.9	
+5	3.6	310.7	
±	4.2	310.1	
+4	4.5	309.8	
EL	6.8	307.5	
1+20			
15E	13.9	300.4	
EL	9.1	305.2	
±	5.9	308.4	
+4	4.7	309.6	
w.L.	4.0	310.3	
1+50			
w.L.	5.2	309.1	
+5	7.0	307.3	
±	8.1	306.2	
EL	12.8	301.5	
20E	22.1	292.2	
T.P.	3.07	306.22	11.11 303.15

6.1
3.3
2.8

2+00 306.22

20E	20.2	286.0
E.L.	9.3	296.9
±	5.5	300.7
+8	2.2	304.0
W.L.	1.1	305.1

2+25

W.L.	5.6	300.6
±	10.6	295.6
E.L.	17.2	289.0
20E	27.1	279.1

2+50

20E	27.0	279.2
E.L.	21.0	285.2
±	14.6	291.6
W.L.	9.4	296.8
TP 0.07	293.77	12.50 293.72

3+00

W.L.	1.2	292.6
±	6.8	281.0
E.L.	12.6	281.2
20E	23.9	269.9

3+50 293.77

20E	23.3	270.5
E.L.	11.7	282.1
±	6.0	287.8
W.L.	1.6	292.2
TP 0.47	281.42	12.84 280.95

4+00

W.L.	+2.8	294.2
±	3.3	278.1
E.L.	8.8	272.6
20E	19.3	262.1

4+25

20E	25.6	255.8
E.L.	15.7	265.7
±	7.6	273.8
W.L.	1.5	279.9
TP 0.30	268.84	12.88 268.54

4+75

W.L.	8.4	260.4
+5	9.9	258.9
±	11.7	257.1
E.L.	15.3	253.5
20E	22.6	246.2
TP 0.69	256.52	13.01 255.83

5+25	256.52		
20E		13.6	242.9
EL		9.5	247.0
±		7.1	249.4
w.L		3.9	252.6
5+50			
w.L		6.6	249.9
±		10.5	246.0
EL		14.6	241.9
20E		21.0	235.5
T.P	0.51	244.25	12.78
			243.74
5+80			
20E		10.9	233.4
EL		8.0	236.3
±		4.7	239.6
w.L		1.5	242.7
6+00 = S.L. Myrtle			
w.L		3.8	240.5
±		7.3	237.0
EL		9.0	235.3
BM	on w.L. prod. N.L. Myrtle	8.05	236.20

X Sec. Alley between Nile & Vancouver 3/4/27
 from Dwight to Quince

52 London:

BM	6.55	321.11	314.56	Nile Myrtle S.E.
0+00 = S.L. Dwight				
EL			6.1	315.0
+6			6.4	314.7
±			4.9	316.2
+6			4.3	316.8
w.L			4.6	316.5
0+25				
w.L			5.2	315.9
+8			5.1	316.0
±			5.6	315.5
+5			5.9	315.2
EL			6.3	314.8
0+50				
EL			7.7	313.4
+5			6.9	314.2
±			7.0	314.1
w.L			6.9	314.2
0+65				
w.L			9.0	312.1
+5			9.2	311.9
±			9.5	311.6
EL			11.3	309.8

Plotted 3/12/29

0+75	321.11		
EL		16.6	304.5
±		13.7	307.4
+5		11.9	309.2
W.L.		11.0	310.1
T.P. 0.35	308.54	12.92	308.19

0+90			
W.L.		6.1	302.4
±		7.8	300.7
EL		10.2	298.3
15E		12.6	295.9

1+10			
20E		24.3	284.2
E.L.		19.5	289.0
±		16.8	291.7
W.L.		15.1	293.9
10W		13.2	295.3
T.P. 0.40	296.34	12.60	295.94

1+35			
15W		11.4	284.9
W.L.		14.4	281.9
±		18.8	277.5
EL		19.0	277.3
13E		21.4	274.9
25E		23.4	272.9

1+45	296.34		
30E		29.3	267.0
E.L.		23.6	272.7
±		20.4	275.9
W.L.		18.4	277.9
20W		15.0	281.3

1+60			
25W		20.6	275.7
W.L.		22.0	274.3
±		22.9	273.4
EL		23.4	272.9
35E		23.0	273.3

1+80			
20E		12.7	283.6
E.L.		14.5	281.8
±		14.5	281.9
W.L.		13.7	282.6
15W		13.2	283.1
T.P. 11.79	307.88	0.25	296.09

2+10			
10W		10.1	297.8
W.L.		10.0	297.9
±		10.1	297.8
E.L.		9.7	298.2
15E		9.2	298.7

2+20	307.88		
EL		3.5	304.4
±		4.0	303.9
W.L.		3.7	304.2
T.P. 1242	320.15	0.15	307.73

2+35

W.L.		9.9	310.3
±		9.8	310.4
E.L.		9.5	310.7

2+50

EL		6.4	313.8
±		6.7	313.5
W.L.		7.2	313.0

2+75

W.L.		5.3	314.9
+2		5.0	315.2
+8		4.9	315.3
±		5.3	314.9
+5		5.1	315.1
EL		5.3	314.9

0+93

earth floor
garage on west

4.5 315.7

3+00	320.15		
EL		4.8	315.4
±		5.0	315.2
+5		4.1	316.1
W.L.		4.6	315.6

3+25

W.L.		4.2	316.0
+8		4.3	315.9
±		4.5	315.7
+1		4.4	315.8
EL		4.4	315.8

3+65

EL		4.1	316.1
+5		4.3	315.9
±		4.0	316.2
+4		3.5	316.7
W.L.		4.1	316.1

4+00

W.L.		4.2	316.0
+3		3.7	316.5
+7		3.7	316.5
±		4.2	316.0
EL		4.2	316.0

	320.15	
A+25		
E.L.	3.9	316.3
+6	4.0	316.2
±	3.5	316.7
+3	3.5	316.7
+6	3.8	316.4
+8	3.4	316.8
w.L.	4.1	316.1
4+60		
w.L.	4.0	316.2
+5	4.0	316.2
±	3.7	316.5
+5	4.1	316.1
E.L.	4.1	316.1
5+00		
E.L.	3.9	316.3
+3	4.3	315.9
+7	3.8	316.4
±	4.1	316.1
w.L.	4.4	315.8
5+15		
w.L.	4.1	316.1
+3	4.2	316.0
+7	3.8	316.4
±	3.7	316.5
+3	4.2	316.0
E.L.	4.2	316.0

	320.15	
TP. 1.41	317.40	4.16 315.79
5+24 head of double garage 0.2 in on West		
		1.5 315.9
5+42 send same garage 0.2 in.		
		1.7 315.7
5+43 ± single garage 0.8 East. Conc. floor.		
		1.52 315.98
5+55		
E.L.		1.8 315.6
+4		1.7 315.7
+7		1.2 316.2
±		1.1 316.3
+2		0.9 316.0
+6		1.9 315.5
w.L.		1.9 315.0
5+65		
w.L.		1.5 315.9
+5		1.8 315.6
±		1.5 315.9
E.L.		1.8 315.6
6+00		
E.L.		2.2 315.2
+7		2.2 315.2
±		2.0 315.4
w.L.		2.3 315.1

317.40

6+0 8^I = N.L. Myrtle.

w.L.	2.3	315.1
±	2.4	315.0
E.L.	2.3	315.1

0+00 = S.L. Myrtle.

w.L.	3.0	314.4
+4	3.4	314.0
+8	3.3	314.1
±	3.5	313.9
E.L.	3.6	313.8

0+30

E.L.	4.0	313.4
+9	4.0	313.4
±	3.6	313.8
w.L.	3.6	313.8

0+50

w.L.	4.2	313.2
+7	4.2	313.2
±	4.2	313.2
E.L.	4.4	313.0

0+55 ± Sing. gar. 0² E earth floor.

4.4 313.0

0+80

FL	5.0	312.4
+8	4.9	312.5
±	4.6	312.8
+6	4.8	312.6

56

0+80 317.40

+8	4.5	312.9
w.L.	4.7	312.7

0+80 Nord double gar. 0³ E. Earth floor

5.0 312.4

0+99 = S end Same gar 1² E.

5.2 312.2

1+00

w.L.	4.3	313.1
+5	5.0	312.4
±	4.9	312.5
+1	4.7	312.7
+2	5.1	312.3
E.L.	5.1	312.3

1+27 = ± Sing. garage 1⁰ East earth floor

5.4 312.0

1+35

E.L.	5.4	312.0
+9	5.2	312.2
±	5.5	311.9
+2	5.3	312.1
+5	5.3	312.1
+9	4.7	312.7
w.L.	4.8	312.6

1+55	317.40				
WL		5.0	312.4		
+3		5.0	312.4		
+5		5.3	312.1		
+7		5.2	312.2		
±		5.4	312.0		
+5		5.3	312.1		
EL		5.4	312.0		
Nilo x Myrtle					
B.M.	2.90	317.36	2.80	314.60	314.56
1+92 Need double gar. on E earth floor					
7		6.0	311.4		
2+10 = sand same gar. on E.					
		6.3	311.6		
2+00					
EL		6.3	311.1		
±		5.8	311.6		
+8		5.6	311.8		
WL		5.1	312.3		
2+11 N.H. = 7.0 ±					
+00		6.19	311.17		
EL		11.38	305.98		
2+35					
WL		5.5	311.9		
TL		5.2	312.0		
±		6.4	311.0		
EL		6.3	311.1		

2+70	317.36				
EL		6.5	310.9		
+5		6.6	310.8		
±		6.4	311.0		
WL		6.0	311.4		
3+00					
WL		6.6	310.8		
+2		6.5	310.9		
+4		6.9	310.5		
±		7.0	310.4		
+3		6.8	310.6		
EL		6.7	310.7		
3+50					
EL		7.2	310.7		
+4		7.3	310.1		
±		7.0	310.4		
+7		7.0	310.4		
+9		6.9	310.7		
WL		6.9	310.5		
4+00					
WL		7.3	310.1		
+3		6.9	310.5		
+8		7.4	310.0		
±		7.0	310.4		
+2		7.5	309.9		
EL		7.4	310.0		
TP	2.45	312.47	7.34	310.02	

4+50	312.47		
EL.	2.9	309.6	
+5	3.1	309.4	
±	2.8	309.7	
+2	2.6	309.9	
+3	3.0	309.5	
w.L.	2.5	310.0	
5+00			
w.L.	3.3	309.2	
+8	2.9	309.6	
±	3.2	309.3	
+6	3.1	309.4	
E.L.	3.4	309.1	
5+10 ⁶ MH. 20±			
top	3.91	308.56	
FL.	9.91	308.56	
5+30			
EL	3.4	309.1	
±	3.6	308.9	
w.L.	3.4	309.1	
5+60			
w.L.	4.2	308.3	
+8	3.6	308.9	
±	3.7	308.8	
+7	3.6	308.9	
E.L.	3.7	308.8	

5+80	312.47		
EL	4.1	308.4	
+5	4.3	308.2	
±	4.2	308.3	
+2	4.0	308.5	
w.L.	4.4	308.1	
6+00			
w.L.	4.9	307.6	
+5	4.8	307.7	
±	5.0	307.5	
EL.	4.3	309.2	
6+09 ² = NL Thorn.			
EL. top cb	6.12	306.35	
EL. grd	6.6	305.9	
±	6.6	305.9	
w.L. grd.	6.7	305.8	
w.L. top cb	6.32	306.15	
6+22 ² = web Thorn.			
w.L. top cb	6.53	305.94	
w.L. grd	7.5	305.0	
±	7.3	305.2	
EL. grd.	7.1	305.4	
E.L. top cb	6.28	306.19	

312.47

0+66² = Seb Thorn.

w.L.	top cb.	7.39	305.69
w.L.	grd.	6.3	304.2
±		8.1	309.4
E.L.	grd.	7.9	304.6
E.L.	top cb	6.95	305.52

0+00 ~ S.L. Thorn.

E.L.	top cb	6.94	305.53
E.L.	grd.	7.5	305.0
±		7.6	304.9
w.L.	grd.	7.5	305.0
w.L.	top cb	7.12	305.35

0+13

w.L.		4.5	308.0
+2		4.7	307.8
+4		5.5	307.0
±		6.0	306.5
+4		5.9	306.6
E.L.		5.2	307.3

0+30

E.L.		5.3	307.2
±		5.6	306.9
+7		5.4	307.1
w.L.		4.9	307.6

59

0+60

312.47

w.L.		5.3	307.2
+3		5.9	306.6
±		5.8	306.7
+2		5.6	306.9
E.L.		5.4	307.1

0+82

E.L.		5.8	306.7
+4		5.7	306.6
±		5.5	307.0
+7		6.1	306.4
w.L.		5.5	307.0

1+00

w.L.		5.4	307.1
+3		6.2	306.3
±		6.1	306.4
E.L.		6.0	306.5

1+27

E.L.		6.1	306.4
+5		6.2	306.3
±		5.8	306.7
+7		6.4	306.1
w.L.		5.4	307.1

1+50 312.47
 W.L. 6.8 305.7
 +3 7.0 305.5
~~±~~ 6.4 306.1
 +5 6.6 305.9
 E.L. 6.4 306.1

1+70
 E.L. 6.4 306.1
 +4 6.8 305.7
 +9 6.3 306.2
~~±~~ 6.5 306.0
 +7 7.1 305.4
 W.L. 7.0 305.5

2+00
 W.L. 7.4 305.1
 +5 7.3 305.2
~~±~~ 7.1 305.4
 +3 7.3 305.2
 E.L. 6.8 305.7

2+50
 E.L. 7.7 304.8
 +3 7.8 304.7
 +7 7.8 304.7
~~±~~ 7.5 305.0
 +2 7.9 304.6
 W.L. 8.0 304.5

2+75 312.47
 W.L. 8.4 304.1
 +7 8.1 304.4
~~±~~ 7.8 304.7
 +2 7.6 304.9
 +8 8.1 304.4
 E.L. 8.0 304.5
 T.P. 8.05 312.47 8.03 304.44 corrected
304.39
 B.M. top of hand of Thomas' house 1.55 310.94 310.89
 T.P. 0.88 305.27 304.39

3+00
 E.L. 1.2 304.1
 +3 1.4 303.9
~~±~~ 1.2 304.1
 +4 1.4 303.9
 W.L. 1.6 303.7

3+25
 W.L. 2.0 303.3
 +5 1.7 303.6
~~±~~ 1.1 304.2
 +4 1.5 303.8
 E.L. 1.3 304.0

Station	305.27	
3+65		
E.L.	2.0	303.3
+2	2.1	303.2
+6	2.1	303.2
±	1.8	303.5
+2	1.7	303.6
W.L.	2.4	302.9
4+00		
W.L.	2.6	302.7
+3	2.2	303.1
+6	2.5	302.8
±	2.1	303.2
+5	2.5	302.8
E.L.	2.4	302.9
4+31 N.H. 07 ±		
Top.	2.46	302.81
FL	8.41	29.86
4+40		
E.L.	2.7	302.6
+4	2.9	302.4
±	2.5	302.8
+4	2.5	302.8
+6	3.0	302.3
W.L.	3.0	302.3

Station	305.27	
4+60		
W.L.	3.4	301.9
+7	3.2	302.1
±	3.2	302.1
+5	3.2	302.1
E.L.	3.1	302.2
4+80		
E.L.	3.4	301.9
+5	3.5	301.8
±	3.0	302.3
W.L.	3.8	301.6
5+00		
W.L.	4.0	301.3
±	3.5	301.8
+4	3.7	301.6
E.L.	3.4	301.9
5+35		
E.L.	3.9	301.4
±	3.7	301.4
W.L.	4.3	301.0
5+50 + 90% 2 ⁵ East Conc Floor		
	3.66	301.61
5+70		
W.L.	4.8	300.5
+8	4.4	300.9
±	4.7	300.6
E.L.	4.1	301.2

6+00	305.27		
EL	4.6	300.7	
+5	4.7	300.4	
±	4.8	300.5	
+2	4.7	300.6	
w.L.	5.1	300.2	

6+20³ = N.L. Redwood.

w.L.	5.2	300.1	
+4	5.2	300.1	
±	5.1	300.2	
+6	5.2	300.1	
EL	4.8	300.5	

0+00 = S.L. Redwood

EL	5.6	299.7	
+4	5.9	299.4	
±	5.9	299.4	
+2	5.8	299.5	
+7	6.0	299.3	
w.L.	5.8	299.5	

0+25

w.L.	6.2	299.1	
+3	6.3	299.0	
+6	6.0	299.5	
±	6.1	299.2	
EL	5.8	299.5	

305.27
0+50⁵ MH on ±

Top	6.06	299.21	
F.L.	13.44	291.83	

0+55

EL	5.9	299.4	
+6	6.4	298.9	
±	6.2	299.1	
w.L.	6.6	298.7	

0+80

w.L.	7.2	298.1	
+4	7.1	298.2	
+7	6.4	298.9	
±	6.6	298.7	
EL	6.3	299.0	

1+00

EL	7.0	298.3	
+5	7.0	298.3	
±	6.8	298.5	
w.L.	7.3	298.0	

1+25

w.L.	7.6	297.7	
+8	7.2	298.1	
±	7.2	298.1	
+6	7.5	297.8	
EL	7.1	298.2	

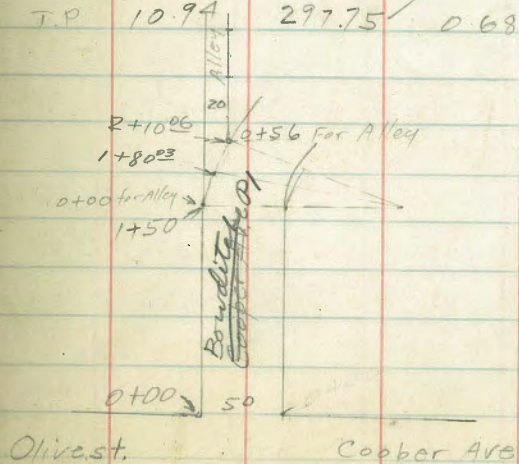
1+27 ± Simp gar 10'w Pine floor
7.65 297.62

1+60	305.27		
EL.	7.6	297.7	
±	7.7	297.6	
+2	7.7	297.6	
w.L.	8.2	297.1	
TP 2.57	297.29	8.55	296.72
1+90 ± garage 8' West Conc. floor			
±	2.66	296.63	
2+00			
w.L.	2.9	296.4	
+8	2.6	296.7	
±	2.7	296.6	
EL.	2.4	296.9	
2+05 ± garage 8' West Conc. floor			
2+50	2.76	296.53	
EL.	3.0	296.3	
±	3.2	296.1	
+3	3.2	296.1	
w.L.	3.3	296.0	
2+75			
w.L.	4.0	295.3	
±	3.7	295.6	
+6	3.5	295.8	
EL.	3.3	296.0	

3+00	299.27		
EL.	3.4	295.9	
+7	3.6	295.7	
±	3.7	295.4	
w.L. fence 0 ³ 10.	4.2	295.1	
3+45			
w.L.	5.0	294.3	
±	4.6	294.7	
+5	4.6	294.7	
FL.	4.3	295.0	
3+51 M.H. on ±			
top	4.25	295.04	
FL.	11.39	287.90	
3+75			
EL.	4.8	294.5	
+7	5.0	294.3	
±	4.9	294.4	
w.L.	5.3	294.0	
4+00			
w.L.	5.6	293.7	
±	5.4	293.9	
EL.	5.2	294.1	
4+06 ± garage 0 ³ West earth floor.			
L.O.	6.0	293.3	

4+50	299.27		
EL	6.2	293.1	
+5	6.4	292.9	
±	6.2	293.1	
+2	6.3	293.0	
+6	6.8	292.5	
w.L.	6.8	292.5	
5+00			
w.L.	7.7	291.4	
+4	7.8	291.5	
+8	7.3	292.0	
±	7.3	292.0	
+5	7.5	291.8	
E.L.	7.2	292.1	
5+40			
EL	8.3	291.0	
+5	8.5	290.8	
±	8.3	291.0	
+7	8.8	290.5	
w.L.	8.8	290.5	
5+75			
w.L.	10.5	288.8	
+5	10.3	289.0	
+9	9.5	289.8	
±	9.5	289.8	
EL	9.4	289.9	

6+00	299.27		
E.L.	10.4	288.9	
±	10.6	288.7	
+5	11.0	288.3	
w.L.	11.1	288.2	
6+20 = N.L. Quince.			
w.L.	12.4	286.9	
+7	12.0	287.3	
±	12.0	287.3	
+4	11.5	287.8	
E.L.	11.2	288.1	
Hub NW Quince & Vancouver			
B.M.	6.37	292.92	292.96
		299.33	
T.P.	1.24	287.49	13.08 286.25
T.P.	10.94	297.75	0.68 286.81



X sec Cooper Ave from N.L. Olive
to Alley. 50' st 10' cbs 30' Rdway.

65

297.75

0+00 = N.L. Olive

W.L.	0.4	297.4
+5	0.6	297.2
cb	0.5	297.3
1/4	1.1	296.7
+	1.5	296.3
1/4	1.8	296.0
cb	2.2	295.6
EL	2.8	295.0

Plotted
3/13/29
7.4

0+25

EL	3.8	294.0
cb	3.4	294.4
1/4	3.0	294.8
+	2.7	295.1
1/4	2.0	295.8
+3	1.6	296.2
+6	1.4	296.4
cb	2.0	295.8
+2	1.6	296.2
W.L.	1.4	296.4

0+50

297.75

W.L.	2.4	295.4
+8	2.7	294.9
cb	3.4	294.4
+1	2.9	294.9
1/4	3.3	294.5
+	3.8	294.0
1/4	4.2	293.6
cb	4.5	293.3
EL	5.0	292.8

0+75

EL	6.6	291.2
cb	6.0	291.8
1/4	5.5	292.3
+	5.0	292.8
+3	4.8	293.0
+6	4.3	293.5
1/4	4.3	293.5
+5	4.3	293.5
cb	3.5	294.3
+5	4.0	293.8
W.L.	3.6	294.2

29775

1+00		297.75	
w.L.	4.7	293.1	
+9	5.1	292.7	
cb	5.7	292.1	
+2	5.1	292.7	
1/4	5.3	292.5	
±	6.2	291.6	
1/4	7.0	290.8	
cb	7.9	290.0	
EL.	8.9	289.9	
1+25			
EL	10.3	287.5	
cb	9.6	288.2	
1/4	8.8	289.0	
±	8.0	289.8	
+5	7.3	290.5	
1/4	7.2	290.6	
+5	6.8	291.0	
cb	7.4	290.4	
+1	6.5	291.3	
w.L.	5.8	292.0	

1+50 BC.		29775	
w.L.	6.9	290.9	
+2	6.2	291.6	
+7	7.8	290.0	
swcb M.H. top	8.50	289.25	
	15.90		281.85
cb	8.5	289.3	
1/4	8.0	289.8	
±	9.5	288.3	
1/4	10.2	287.6	
cb	11.1	286.7	
EL.	12.2	285.6	
1+80 ⁰³			
EL	13.3	284.5	
cb	12.8	285.0	
1/4	12.0	285.8	
±	11.3	286.5	
1/4	10.6	287.2	
cb	10.1	287.7	
+6	7.8	288.0	
w.L.	9.3	288.5	
T.P.	2.30	287.57	12.48 285.27
2+10 ⁰⁶			
w.L.	3.2	284.2	
cb	3.5	284.1	
1/4	3.7	283.9	
±	3.8	283.8	

2+10 ⁰⁰	281.57		
4	4.0	283.6	
eb	4.2	283.4	
E.L.	5.5	282.1	
X Sec Alley between Boundary & Nile from N.G. Cooper to Myrtle			

0+56 (See P. 69)

w.L.	1.0	286.6	
+9	2.0	285.6	
E	2.7	284.9	
+1	2.2	285.4	
+7	2.7	284.9	
E.L.	3.4	284.2	

0+75

E.L.	5.3	282.3	
+6	4.3	283.3	
+9	4.3	283.3	
E	4.8	282.8	
+1	3.7	283.9	
+5	3.7	283.9	
w.L.	2.8	283.8	

1+00

w.L.	5.2	282.4	
+8	6.4	281.2	
E	7.5	280.1	
+2	6.9	280.7	
+4	6.9	280.7	

1+00	287.57		
E.L.	8.1	279.5	
1+25			
E.L.	9.9	277.7	
+9	8.8	278.9	
E	9.2	278.4	
+2	8.3	279.3	
w.L.	7.6	280.0	
1+50			
w.L.	9.6	278.0	
+9	10.8	276.8	
E	11.1	276.5	
+4	12.3	275.3	
E.L.	12.8	274.8	
T.P. 0.12	275.97	11.72	275.85
1+75			
E.L.	4.8	271.2	
E	2.6	273.4	
+2	1.6	274.4	
w.L.	0.3	275.7	
2+00			
w.L.	2.7	273.3	
+4	3.7	272.3	
E	7.2	268.8	
+6	7.2	268.8	
E.L.	9.3	266.7	
15E	14.8	261.2	

2+25	275.97		
15E		17.4	258.6
EL		11.9	264.1
+2		10.4	265.6
+8		9.9	266.1
±		10.7	265.3
+4		7.3	268.7
w.L.		5.8	270.2
2+50			
w.L.		8.7	268.3
+5		10.0	266.0
TP 0.29	263.40	12.86	263.11
±		0.9	262.5
+2		0.5	262.9
+7		0.8	262.6
E.L.		2.1	261.3
15E		8.3	255.1
2+75			
15E		12.4	251.0
EL		4.2	259.2
+3		2.5	260.9
+8		2.5	260.9
±		3.1	260.3
+4		+0.4	263.8
w.L.		+2.0	265.4

3+00	263.40		
w.L.		+0.1	263.5
+6		2.6	260.8
+8		5.4	258.0
±		5.6	257.8
+2		5.1	258.3
+8		4.6	258.8
EL		5.8	257.6
15E		13.4	250.0
3+01 M.H. on ±			
+0.9		3.58	259.82
F.L.		11.10	252.30
3+10			
15E		15.6	247.8
EL		7.6	255.8
+5		5.7	257.7
+8		6.3	257.1
±		8.4	255.0
+4		5.0	258.4
w.L.		2.4	261.0
TP 0.29	250.72	12.97	250.43
3+40			
w.L.		+1.8	252.5
+6		0.7	250.0
±		5.0	245.7
+3		4.0	246.7
EL		5.2	245.5

3+40 250.72
 20E 13.4 237.3
 3+65
 20E 19.2 231.5
 9E 18.4 232.3
 EL 13.2 237.5
 +2 12.4 238.3
 +4 13.1 237.6
 † 12.0 238.7
 +4 10.1 240.6
 W.L. 8.4 242.3

4+00
 W.L. 12.0 238.7
 +6 13.1 237.6
 † 14.9 235.8
 +8 15.0 235.7
 E.L. 15.6 235.1
 10E 16.6 234.1
 20E 17.3 233.4

{ 4+32 MH on †
 } top 14.62 234.10
 } F.L. 23.34 227.68

4+35 250.72
 20E 16.7 234.0
 EL 15.5 235.2
 † 15.3 235.4
 +6 12.4 238.3
 W.L. 10.3 240.4
 4+70 = S.L. Quince.
 W.L. 8.0 242.7
 † 12.3 238.4
 EL 14.1 236.6
 10E 15.7 235.0
 20E 16.0 234.7
 T.P. 12.07 250.80 11.99 238.73
 5+00 = † Quince
 MH on † top 10.18 240.62
 F.L. 22.92 227.88
 0+00 = NL Quince.
 25E watercourse 18.8 232.0
 22E 18.2 232.6
 20E 16.5 234.3
 10E 18.4 237.4
 6E 13.4 237.4
 E.L. 11.8 239.0
 +5 11.3 239.5
 +7 11.5 239.3
 † 11.9 238.9
 +1 11.9 238.9

0+00	250.80		
+6	7.7	243.1	
w.L.	5.6	245.2	
0+25			
w.L.	5.4	245.4	
+7	7.8	243.0	
±	10.6	240.2	
EL	11.9	238.9	
5E	12.8	238.0	
7E	12.5	238.3	
18E	13.7	237.1	
20E	14.8	236.0	
29E water course	18.7	232.1	
0+50			
20E	13.4	237.4	
11E	13.3	237.5	
3E	11.7	239.1	
EL	11.6	239.2	
+9	10.1	240.7	
±	10.7	240.1	
+1	9.8	241.0	
w.L.	8.0	242.8	
0+75			
w.L.	8.7	242.1	
+2	9.2	241.6	
+5	9.2	241.6	
+9	10.2	240.6	

0+75	250.8		
±		10.8	240.0
+1		10.2	240.6
+2		10.6	240.2
+6		10.6	240.2
EL		11.0	239.8
2E		11.3	239.5
7E		12.7	238.1
10E		12.7	238.1
16E		12.7	238.1
20E		12.1	238.7
1+00			
29E water course		16.9	233.9
26E		16.4	234.4
25E		14.0	236.8
20E		12.5	238.3
15E		9.9	240.9
5E		10.8	240.0
EL		9.9	240.9
+2		10.1	240.7
+5		9.5	241.3
±		9.6	241.2
+1		9.2	241.6
w.L.		7.8	243.0

1+15	250.8		
10W	6.3	244.5	
9W	6.5	244.3	
4W	8.6	242.2	
W.L.	9.7	241.1	
±	9.8	241.0	
+3	10.1	240.7	
+8	9.7	241.1	
F.L.	10.3	240.5	
2E	9.6	241.2	
10E	10.7	240.1	
15E	11.2	239.6	
20E	12.9	237.9	

1+25	(crosses ±) water course from Drain on Boundary.		
28E	water course.	15.4	235.4
22E		14.8	236.0
14E		14.2	236.6
7E		13.3	237.5
F.L.		12.6	238.2
+2		12.3	238.5
+3		10.5	240.3
±		10.2	240.6
+7		10.1	240.7
+9		9.1	241.7
W.L.		9.2	241.6
8W		8.5	242.3
15W		5.7	244.9

1+35	250.90		
20W	water course	8.8	242.0
12W		8.8	242.0
11W		7.9	242.9
2W		8.0	242.8
W.L.		7.3	243.5
+8		8.5	242.3
±		9.4	241.4
+1		9.2	241.6
+7		8.9	241.9
E.L.		9.1	241.7
10E		10.6	240.2
20E		12.2	238.6

1+50			
15E		10.6	240.2
10E		9.5	241.3
5E		8.6	242.2
E.L.		8.5	242.3
+3		8.2	242.6
+8		8.1	242.7
±		8.6	242.2
+2		7.0	243.8
+5		6.2	244.6
W.L.		6.4	244.4
10W		5.4	245.4

250.80

1+78		
10W	2.9	247.9
WL	5.9	244.9
+4	6.8	244.0
±	8.9	241.9
+2	8.4	242.4
+8	8.9	241.9
E.L.	8.7	242.1
17E	9.6	241.2
34E water Course	14.1	236.7
1+90		
28E water Course	13.6	237.2
22E	11.0	239.8
15E	10.3	240.5
13E	9.6	241.2
5E	9.8	241.0
E.L.	9.3	241.5
+4	9.2	241.6
+5	9.5	241.3
±	9.5	241.3
+7	9.0	241.8
WL	8.5	242.3
8W	9.5	241.3
10W	11.1	239.7
22W water course (turn)	10.2	240.6

250.80

72

2+00 water course crosses ±		
10W	9.3	241.5
WL water course	12.2	238.6
± water course	12.1	238.7
E.L. ✓ ✓	12.3	238.5
20E turn in water course	13.2	237.6
2+10		
10E	10.7	240.1
E.L.	10.5	240.3
+3	10.3	240.5
+7	8.8	242.0
±	10.4	240.4
+4	9.3	241.5
WL	8.8	242.0
10W	9.0	241.8
2+27		
10W	7.2	243.6
1W	7.6	243.2
WL	6.6	244.2
+2	6.3	244.5
+7	6.1	244.7
±	6.7	244.1
+5	5.0	245.8
E.L.	3.7	247.1
2+42 ^E MH on ±		
top	4.72	246.08
E.L.	14.79	236.01

2+55	250.80		
E.L.		1.7	249.1
+7		3.0	247.8
±		4.6	246.2
+2		4.0	246.8
W.L.		5.2	245.6
2W		5.9	244.9
8W		5.7	245.1
10W		5.9	244.9
23W	Water course	8.7	242.1
2+90			
11W	Water course	7.4	243.4
8W		7.3	243.5
T.P.	12.74	259.93	3.61
W.L.		12.3	247.6
+5		10.7	249.2
±		12.9	247.0
+5		9.9	250.0
E.L.		8.5	251.4
3+15			
E.L.		9.7	250.2
+8		13.2	246.7
±		14.6	245.3
+3		15.2	244.7
+5	Water course	15.6	244.3
W.L.		16.1	243.8
4W		14.1	245.8

3+15	259.93		
6W		11.5	248.4
15W		13.8	246.1
3+35			
10W		13.1	246.8
8W		12.9	247.0
3W		14.1	245.8
2W		12.9	247.0
W.L.		12.7	247.2
+7		13.6	246.3
+8		14.5	245.9
±		14.3	245.6
+7		14.3	245.6
E.L.	Water course	15.0	244.9
5E		11.9	248.0
3+50			
16E	Water course	14.5	245.4
12E		14.0	245.9
E.L.		13.4	246.5
+5		12.0	247.9
+9		12.4	247.5
±		13.9	246.0
+2		13.5	246.2
+3		12.1	247.8
+9		11.7	248.2
W.L.		13.1	246.8
5W		12.9	247.0

3+50		259.95	
6W	12.1	247.8	
10W	11.6	248.3	
3+75			
5W	10.3	249.6	
w.L.	10.7	249.2	
+7	11.4	248.5	
+8	12.7	247.2	
±	12.9	247.0	
+2	11.0	248.9	
+4	10.5	249.4	
EL	11.0	248.9	
SE	10.6	248.3	
23E water course	12.0	247.9	
A+10 watercourse crosses ±.			
SE	11.1	248.8	
EL	11.6	248.3	
+7	11.0	248.3	
±	11.2	248.7	
+5	10.0	249.9	
w.L.	9.9	250.0	
5W	9.8	250.1	
A+35			
7W water course	9.9	250.0	
w.L.	9.5	250.4	
+5	8.6	251.3	
+6	9.5	250.4	

A+35		259.93	
±	10.2	249.7	
+1	9.8	250.1	
+5	9.3	250.6	
EL	8.8	251.1	
SE	8.0	251.9	
A+60			
SE	5.0	254.9	
EL	5.5	254.4	
+3	6.2	253.7	
+5	6.0	253.9	
±	7.7	252.2	
+5	7.5	252.4	
+7	6.0	253.9	
w.L.	7.0	252.9	
5W	7.8	252.1	
A+79 ⁵ M.H. on ±.			
+0	4.95	254.98	
FL	13.65	246.28	
A+80			
5W	6.1	253.8	
3W	5.2	254.7	
w.L.	5.8	254.1	
±	5.5	254.4	
+1	5.4	254.5	
+6	3.9	256.0	
EL	3.6	256.3	

5+00	259.93		
EL		1.6	258.3
+5		2.8	257.1
±		4.4	255.5
w.L.		4.9	255.0
5W		4.8	255.1
11W water course		7.7	252.2

5+25			
12W water course		6.9	253.0
7W		6.1	253.8
w.L.		6.0	253.9
+4		4.2	255.7
±		3.9	256.0
+1		3.2	256.7
+8		+1.8	261.7
EL		+2.8	262.7

5+60			
EL		4.0	255.9
+2		4.3	255.6
±		6.2	253.7
+1		5.6	254.3
+4		4.3	255.6
w.L.		4.4	255.5
3W		4.4	255.5
5W		5.4	254.5
9W water course		6.3	253.6

5+85	259.93		
5W		4.7	255.2
w.L.		4.6	255.3
+5		3.8	256.1
+9		4.3	255.6
±		5.2	254.7
+3		3.3	256.6
EL		3.0	256.9

6+20 = S.L.	Redwood.			
EL		0.3	259.6	
+5		0.4	259.5	
±		2.3	257.6	
w.L.		2.3	257.6	
5W		2.3	257.6	
T.P	12.43	272.35	0.01	259.92
T.P	13.01	285.18	0.18	272.17
0+00 = N.L.	Redwood.			

10W		16.9	268.3
5W		14.1	271.1
w.L.		12.7	272.5
±		10.8	274.4
+5		9.6	275.6
EL		9.3	275.9

75

Plotted 3/12/29

0+25	285.18		
EL	7.2	278.0	
+7	8.1	277.1	
±	9.5	275.7	
+9	11.2	274.0	
W.L.	12.2	273.0	
10W	16.8	268.4	

0+50			
10W	19.1	266.1	
W.L.	13.4	271.8	
±	8.5	276.7	
EL	4.5	280.7	

0+65			
EL	4.2	281.0	
+4	7.1	278.1	
+9	8.5	276.7	
±	9.8	275.4	
+1	9.6	275.6	
W.L.	12.3	272.9	
6W	13.6	271.6	
10W	15.6	269.6	

0+71 M.H. on ±			
top.	7.96	277.22	
F.L.	22.06	263.12	

0+85	285.18		
10W	13.8	271.4	
2W	9.4	275.8	
W.L.	9.2	276.0	
+3	8.0	277.2	
+9	7.1	278.1	
±	7.6	277.6	
+1	6.5	278.7	
EL	5.2	280.0	

1+00			
F.L.	4.9	280.3	
+9	5.7	279.5	
±	6.7	278.5	
+2	6.4	278.8	
W.L.	7.4	277.8	
5W	8.2	277.0	

1+35			
5W	8.1	277.1	
W.L.	7.3	277.9	
±	6.6	278.6	
+2	5.9	279.3	
+5	5.9	279.3	
EL	5.3	279.9	

1+70 285.18

E.L.	3.8	281.4
+3	4.4	280.8
+9	5.1	280.1
±	6.2	279.0
+1	5.6	279.6
w.L.	6.8	279.4
SW	7.5	277.7

1+90

SW	6.7	278.5
w.L.	5.9	279.3
+3	4.8	280.4
±	4.6	280.6
+1	4.1	281.1
+6	3.7	281.5
E.L.	2.7	282.5

2+00

E.L.	2.3	282.9
±	4.2	281.0
+2	3.8	281.4
w.L.	5.6	279.6
SW	6.3	278.9

2+25 285.18

w.L.	3.1	282.1
+9	2.0	283.2
±	2.8	282.4
+1	1.5	283.7
E.L.	0.7	284.5
TP	11.55	296.60
0.13		285.05

2+50

E.L.	10.5	286.1
+9	11.4	285.2
±	12.8	283.8
+1	11.8	284.8
w.L.	12.6	284.0

2+75

w.L.	11.8	284.8
+5	11.1	285.5
+9	11.0	285.6
±	11.9	284.7
+1	10.4	286.2
E.L.	9.2	287.4

3+00

E.L.	7.9	288.7
+9	9.2	287.4
±	10.8	285.8
+1	9.3	287.3
w.L.	10.7	285.9

3+25		296.60	
w.L.	9.1	287.5	
+9	8.2	288.4	
±	9.0	287.6	
+2	7.8	288.8	
+8	7.3	289.3	
E.L.	6.6	290.0	
3+50			
E.L.	6.1	290.5	
+2	6.8	289.8	
±	7.5	289.1	
+2	7.3	289.3	
w.L.	7.6	289.0	
3+51 NH on ±			
top	7.22	289.38	
E.L.	15.6.8	280.92	
3+75			
w.L.	7.4	289.2	
±	6.5	290.1	
+5	6.1	290.5	
E.L.	5.3	291.3	
4+00			
E.L.	6.2	290.4	
+5	6.3	290.3	
±	6.8	289.8	
+5	6.9	289.7	
w.L.	7.8	288.8	

4+25		296.60	
w.L.	7.7	288.9	
±	7.0	289.6	
+5	6.7	289.9	
+7	7.0	289.6	
E.L.	6.2	290.4	
4+50			
E.L.	8.5	288.1	
+7	8.5	288.1	
±	8.8	287.8	
+5	8.6	288.0	
w.L.	8.7	287.9	
4+75			
low	14.5	282.1	
w.L.	10.4	286.2	
+2	9.4	287.2	
±	9.5	287.1	
+4	9.2	287.4	
E.L.	9.2	287.4	
5+00			
E.L.	9.5	287.1	
+5	8.7	287.9	
±	8.8	287.8	
+5	8.7	287.9	
w.L.	8.5	288.1	

5+25	296.60		
W.L.	5.5	291.1	
+6	6.1	290.5	
±	6.1	290.5	
EL	5.7	290.9	

5+30 ± garage 3rd E. earth floor.

	4.9	291.7	
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5+36

EL	4.7	291.9	
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+5	5.0	291.6	
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±	4.9	291.7	
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+3	4.5	292.1	
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W.L.	3.1	294.5	
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5+53 garage 02 in on West. Conc. floor.

	2.31	294.29	
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5+60

W.L.	2.3	294.3	
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±	2.5	294.1	
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+5	2.6	294.0	
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EL	3.0	293.6	
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Cont in Book 1276 P49

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 $\frac{1}{2}$ to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body

IMPROVED TABLES AND INFORMATION

TABLE No. 2.

To find Tangent and External for curve of any other degree, divide by degree of curve and add correction found in column of corrections. Degree of curve with a given I may be found by dividing tangent (or external), opposite I by given tangent (or external).

The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius.

Mile 2 Thorn

303.69

Mile 2 Myrtle

314.56

Hyd. SE Thorn & Myrtle

310.89

ENGINEERING DEPARTMENT
CITY OF CALIFORNIA,
SAN DIEGO

304.44
805
312.49
1.55
310.94

