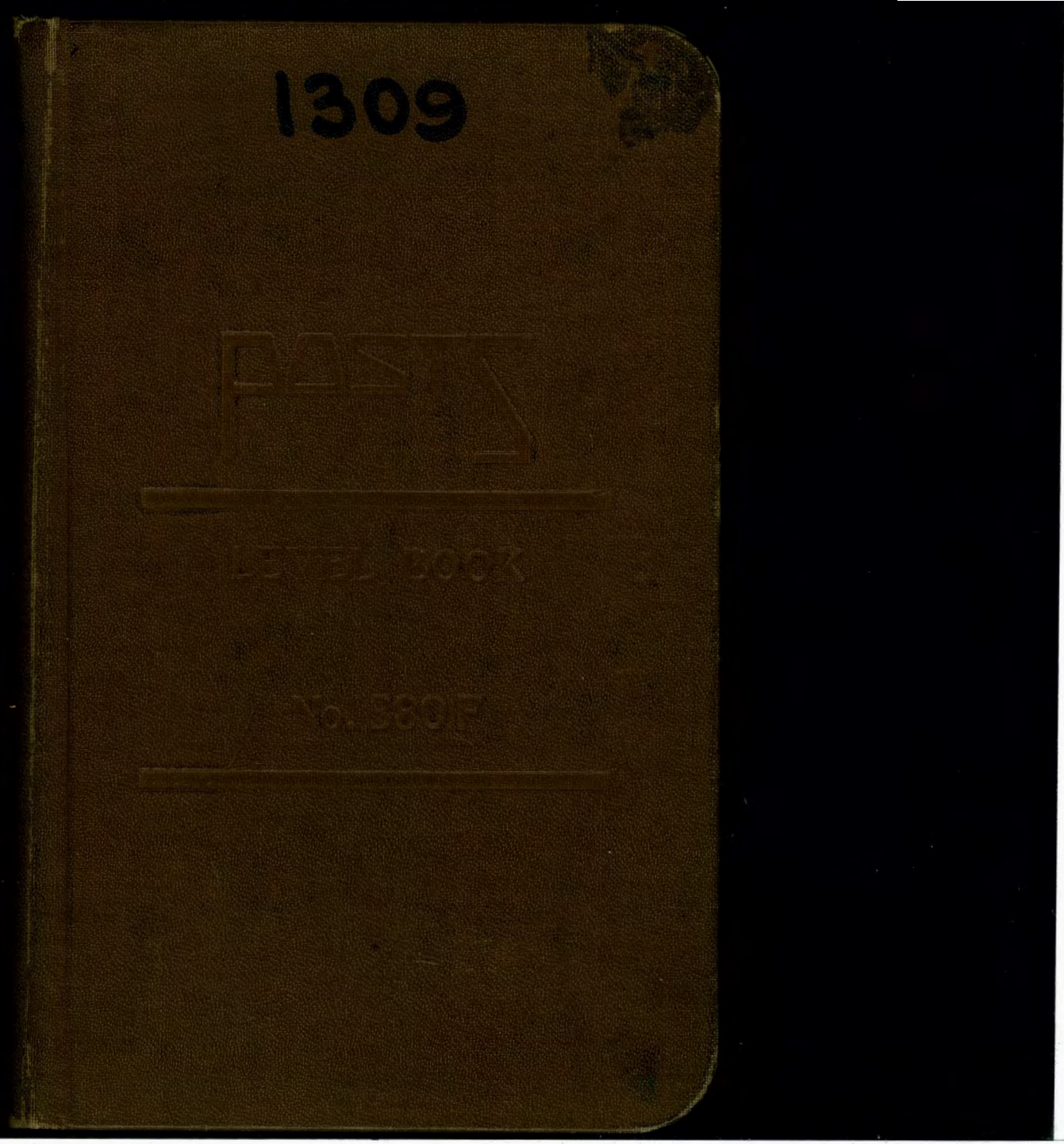

1309

Our Leather Bound Engineers Note Books are carried in the following rulings:

No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.

No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.

No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.

No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

In ordering Fabri-Hide covered books, add the letter *"F"* to catalog number.

1309

Culvert levels Lot 6 Blk 13 La Jolla Hermosa		2
X Sec. KURTZ	Wright to Witherby	5
" " JUNIPER	Fulton to Gregory	15
" " Gregory	Juniper to Ivy	20
" " Robinson	Alabama to Florida	24
" " Alley Blk 68	City Hts	33
" " 81	" "	35
" " 95	" "	38
" " 109	" "	41
" " 124	" "	44
" " Mission Blvd. segrit Ct. to Pacific Ave		48
" " Alexia Place Mt View Blvd. to Copley		68

75' wide
12' el-s
127° 1,45

Kurtz St. X See
Wright to Wilherby

5-12-29
mills

B.M.	2.84	30.57		27.73	SW. Moore & Wilherby
T.P.	1.37	20.09	11.85	18.72	
T.P.			10.07	10.01	W.S. Intersection Wright & Kurtz

S. line Wright St { 80' wide / 14' el-s / 13° 1,45.

N

Page 5.

1

1-11-28
J.C. Bliss
Dreber
Roemer

Culvert Levels along Line Parallel & 10' North of Northerly Line of Lot 6 - Block 13 of La Jolla Hermosa.

B.M. N.W. Top Lawn Sprinkler Camino de La Costa & La Jolla Blvd

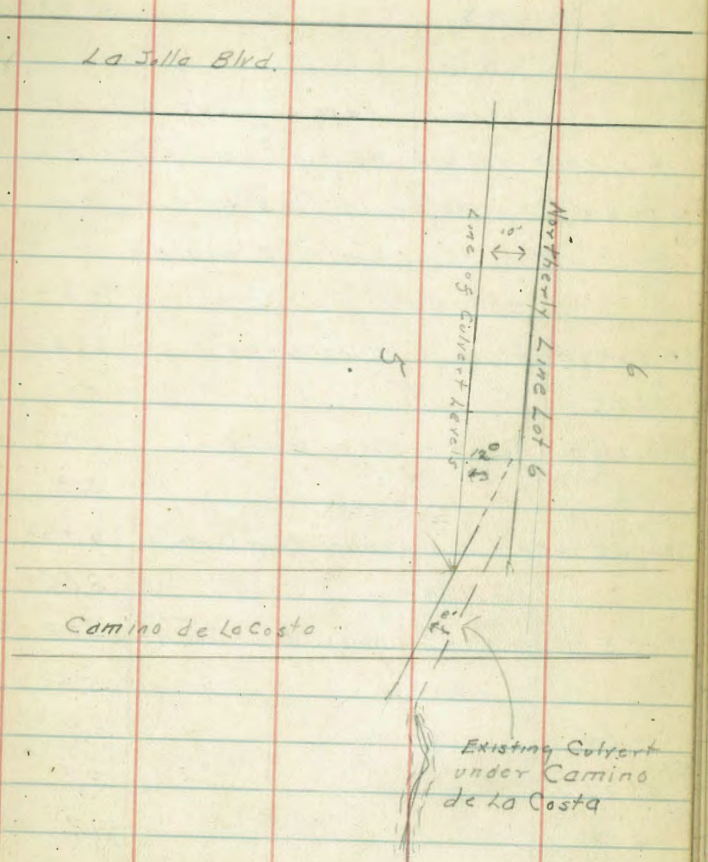
+1.00

72.02

H.I. 73.02

Sta			
0+00 = West cb line La Jolla Blvd - Gutter		1.64	71.4
	Tpcb	1.21	71.8
0+05 = Edge walk		1.11	71.9
0+14 - Opposite Mouth existing culvert under La Jolla Blvd		6.1	66.9
Flowline existing culvert under La Jolla Blvd - 3' North of 0+14 shot		8.52	64.5
0+18		7.2	65.8
0+30 = W.L. La Jolla Blvd		9.3	63.7
0+40		11.3	61.7
0+50		10.7	62.3
0+62		12.4	60.6
0+72		12.8	60.2
0+77		11.7	61.3
1+00		10.9	62.1
1+25		13.3	59.7
T.P.	-1.260		60.42
1+26	+0.00		
	T 60.42		
1+43		5.5	54.9

2



H.I 60.42

1+52 = E.L Camino de La Costa and angle Point see sketch pg 2.	3.0	57.4
Culvert Levels along a line parallel to & 8' North of existing culvert under Camino de la Costa		
0+00 = 8' North of east end existing culvert	5.8	54.6
East Flowline existing culvert	8.85	51.6
0+05	5.9	54.5
0+12.5 = Angle = 1+52 on other line	3.0	57.4
+15	2.3	58.1
0+26 = East c.b Camino de La Costa Gutter	2.7 v	57.7
	3.06	57.3
0+55 = West c.b Camino de La Costa Gutter	3.78	56.6
Tp c.b	3.40	57.0
0+67	3.9	56.5
0+75	8.7	51.7
0+80	9.7	50.7
West Flowline existing culvert	15.30	45.1
Levels down Natural drain as indicated in sketch		
Bottom of ditch under West Flowline of existing culvert = 0+00		
0+00	16.8	43.6
0+37 = Angle in drain	21.7	38.7
0+80	28.7	31.7

Kurtz St ℄ Sec

Wright to Witherby

3-12-29 Miller

	74.75 wide 12 cls 12.75 1/4 s			
B.M.	2.84	30.57		27.73
T.P.	1.37	20.09	11.85	18.72
T.P.	3.94	13.95	10.08	10.01

Gdb 132-3 OK

S.W. Moore & Witherby

Nail Pole S.W. Kurtz & Wright

S. Line Wright { 80' wide 4 cls 13 1/4 s

Plotted 3-14-29

T.P.

W	3.7	10.3
4.8	3.9	10.1
cl	4.8	9.2
1.4	3.8	10.2
C	3.3	10.7
1/4	2.7	11.3
cl	2.3	11.7
E	1.6	12.4

S. cl.

E	0.7	13.3
cl	1.6	12.4
1/4	2.7	11.3
C	2.8	11.2
1/4	3.7	10.3
cl	4.3	9.7
W	4.2	9.8

S. 1/4

W	4.6	9.4
cl	4.0	10.0
1/4	3.3	10.7
C	2.0	12.0
1/4	1.3	12.7

Kurtz St

5

13.95

cl	0.9	13.2
E	0.6	13.4

℄ Wright St.

E	0.7	13.3
cl	1.6	12.4
1/4	1.3	12.7
C	1.5	12.5
1/4	3.0	11.0
cl	3.7	10.3
W	4.1	9.9

N. 1/4

W	5.3	8.7
cl	4.6	9.4
1/4	3.5	10.5
C	2.0	12.0
1/4	2.1	11.9
cl	1.6	12.4
E	1.3	12.7

N. cl

E	2.3	11.7
cl	2.7	11.3
1/4	2.7	11.3
C	2.5	11.5
1/4	3.9	10.1
cl	4.8	9.2
W.	5.1	8.9

13.95

00 = N. Line Wright St.

W	4.8	9.2	
cl	4.5	9.5	
1/4	4.2	9.8	
C	3.5	10.5	
1/4	3.5	10.5	
cl	3.8	10.2	
E	3.2	10.8	
25' N			
E	4.3	9.7	
+10	4.7	9.3	
cl	5.4	8.6	
1/4	5.1	8.9	
C	4.7	9.3	
1/4	4.8	9.2	
+5	5.1	8.9	
cl	4.8	9.2	
W.	5.3	8.7	
45' W.			
W.	6.4	7.6	
cl	4.2	7.8	
1/4	6.2	7.9	
C	6.0	8.0	
1/4	6.2	7.8	
+6	6.5	7.5	
cl	6.0	8.0	
E	5.6	8.4	

13.95

100' W.

E.	6.7	7.3
cl	6.9	7.1
+6	7.2	6.8
1/4	6.9	7.1
C	6.7	7.3
1/4	7.3	6.7
cl	7.3	6.7
W	7.6	6.4
150' W.		
W	8.5	5.5
cl	8.6	5.4
1/4	8.7	5.3
C	9.2	4.8
1/4	8.1	5.9
+6	8.8	5.2
cl	8.2	5.8
E	7.7	6.3
195' N = ℄ Door to Warehouse on W. line		
W.	9.6	4.4 floor
200' N		
E	9.5	4.5
cl	9.7	4.3
+4	9.3	4.7
+6	9.9	4.1
1/4	9.5	4.5
C	9.5	4.5

13.95

200' N. (toh)

1/4			10.0	4.0	
cb			10.0	4.0	
W			10.0	4.0	
		250' N			
W			10.8	3.2	
cb			11.0	3.0	
+L			10.5	3.5	
1/4			11.0	2.5	
e			10.4	3.6	
1/4			10.5	3.5	
cb			10.1	3.9	
E.			10.7	3.3	
		299.5 N. = S. Line Bandini			80' wide 4 obs
E			11.1	2.9	
cb			10.9	3.1	
1/4			11.1	2.9	
c			11.0	3.0	
1/4			11.6	2.4	
+5			11.2	2.8	
cb			11.9	2.1	
W			12.0	2.0	
T.P.	4.78	7.40	11.33	2.62	
		3. cb			
W			5.5	1.9	
cb			5.5	1.9	
+L			4.7	2.7	

7.40

7

1/4		5.0	2.4	
c		4.5	2.9	
1/4		4.6	2.8	
cb		4.4	3.0	
E		4.0	3.4	
	5. 1/4			
E		3.1	4.3	
cb		3.8	3.6	
1/4		4.5	2.9	
e		4.3	3.1	
1/4		5.1	2.3	
cb		5.0	2.4	
W		5.4	2.0	
	℄ Bandini			
W		5.1	2.3	
cb		4.9	2.5	
1/4		4.9	2.5	
c		3.9	3.5	on M.H.
1/4		4.3	3.1	
cb		3.5	3.9	
E		2.6	4.8	
	N. 1/4			
E		2.4	5.0	
cb		3.	4.2	
1/4		4.5	2.9	
C		4.2	3.2	

7.40

N. 1/4 Banding (con)

1/4		4.8	2.6
el		5.3	2.1
W		5.7	1.7
	N. el		
W		5.8	1.6
el		5.7	1.7
1/4		5.1	2.3
E		4.6	2.8
1/4		4.8	2.6
+5		4.8	2.6
el		3.8	3.6
E		1.5	5.9
	00 = N. Line Banding St		
E		1.4	6.0
+10		4.8	2.6
el		5.2	2.2
1/4		4.7	2.7
E		4.9	2.5
1/4		5.3	2.1
el		5.8	1.6
+1		5.2	2.2
W.		5.2	2.2
	R & N = S. Line emt Drive into Ware House		
W.		5.10	2.30 on Drive
+8		5.13	2.27 " "
el		5.59	1.81 " "

7.40

+2 = E. End emt. drive		5.59	1.81 on drive
1/4		5.2	2.2
E		5.0	2.4
1/4		4.7	2.7
el		3.9	3.5
+6		2.6	4.8
E		1.8	5.6
	2.9 N. = N. edge above emt. drive		
E		1.6	5.9
+3		2.8	4.6
+10		4.3	3.1
el		4.3	3.1
1/4		4.9	2.5
E		5.1	2.3
1/4		5.2	2.2
+10.5 = E. End emt. drive		5.60	1.80 on emt. drive
el.		5.60	1.80 " " "
+4		5.21	2.19 " " "
W.		5.11	2.29 " " "
	6.0 N		
W		5.6	1.8
el.		5.9	1.5
1/4		5.4	2.0
E		5.2	2.2
1/4		5.2	2.2
el		4.6	2.8
E.		3.4	4.0

7.40

100'N.

E	2.9	4.5
cb	4.3	3.1
1/4	5.1	2.3
C	5.2	2.2
1/4	5.5	1.9
cb	5.6	1.8
W	5.5	1.9

150'N.

W	5.6	1.8
cb	5.8	1.6
1/4	5.6	1.8
C	5.1	2.3
1/4	4.8	2.6
cb	4.8	2.6
E	3.5	3.9

200'N.

E.	3.3	4.1
1/4	4.5	2.9
cb	4.9	2.5
1/4	5.2	2.2
C	5.2	2.2
1/4	5.4	2.0
cb	5.6	1.8
W	5.6	1.8

Kurtz St.

7.40

250'N.

W.	5.5	1.9
cb	5.4	2.0
1/4	5.5	1.9
C	5.0	2.4
1/4	5.0	2.4
cb	4.7	2.7
E	2.6	4.8

301.3'N = s. line Courts St. { 80' wide, 14' clr, 13' curb

E	3.6	3.8
cb	4.3	3.1
1/4	4.7	2.7
C	4.7	2.7
1/4	5.4	2.0
cb	5.4	2.0
W	5.4	2.0

S. cb.

W	5.3	2.1
cb	5.4	2.0
1/4	5.2	2.2
C	4.6	2.8
1/4	4.7	2.7
cb	4.1	3.3
E	3.2	4.2

9

		7.40			
		5. 1/4 Coats			
E			3.4	4.0	
el			4.0	3.4	
1/4			4.7	2.7	
C			4.5	2.9	
1/4			5.1	2.3	
el			5.3	2.1	
W			5.3	2.1	
		C			
W			5.4	2.0	
el			5.0	2.4	
1/4			5.0	2.4	Book 1288-R M.H. = 3.35
C			4.5	2.9	M.H.
1/4			4.6	2.8	
el			4.2	3.2	
E			3.7	3.7	
		N. 1/4			
E			4.1	3.3	
el			4.2	3.2	
1/4			4.6	2.8	
C			4.5	2.9	
1/4			5.0	2.4	
el			5.1	2.3	
W			5.4	2.0	
		N. el			
W			5.5	1.9	
el			5.3	2.1	

Kurtz St.

		7.40			
1/4			5.0	2.4	
E			4.6	2.8	
1/4			4.6	2.8	
el			4.3	3.1	Book 1288-R Grate = 3.61
+ 8.65 = center of 4.5 east X 2.75 grate			4.33	3.07	Intake into Culvert
E			4.5	2.9	
		00 = N. line Coats St.			
E			3.9	3.5	
el			4.2	3.2	
1/4			4.6	2.8	
C			4.7	2.7	
1/4			5.0	2.4	
el			5.0	2.9	
W			5.3	2.1	
		50' N.			
W			5.0	2.4	
el			5.1	2.3	
1/4			5.1	2.3	
C			4.9	2.5	
1/4			4.7	2.7	
el			4.2	3.2	
E			3.9	3.5	

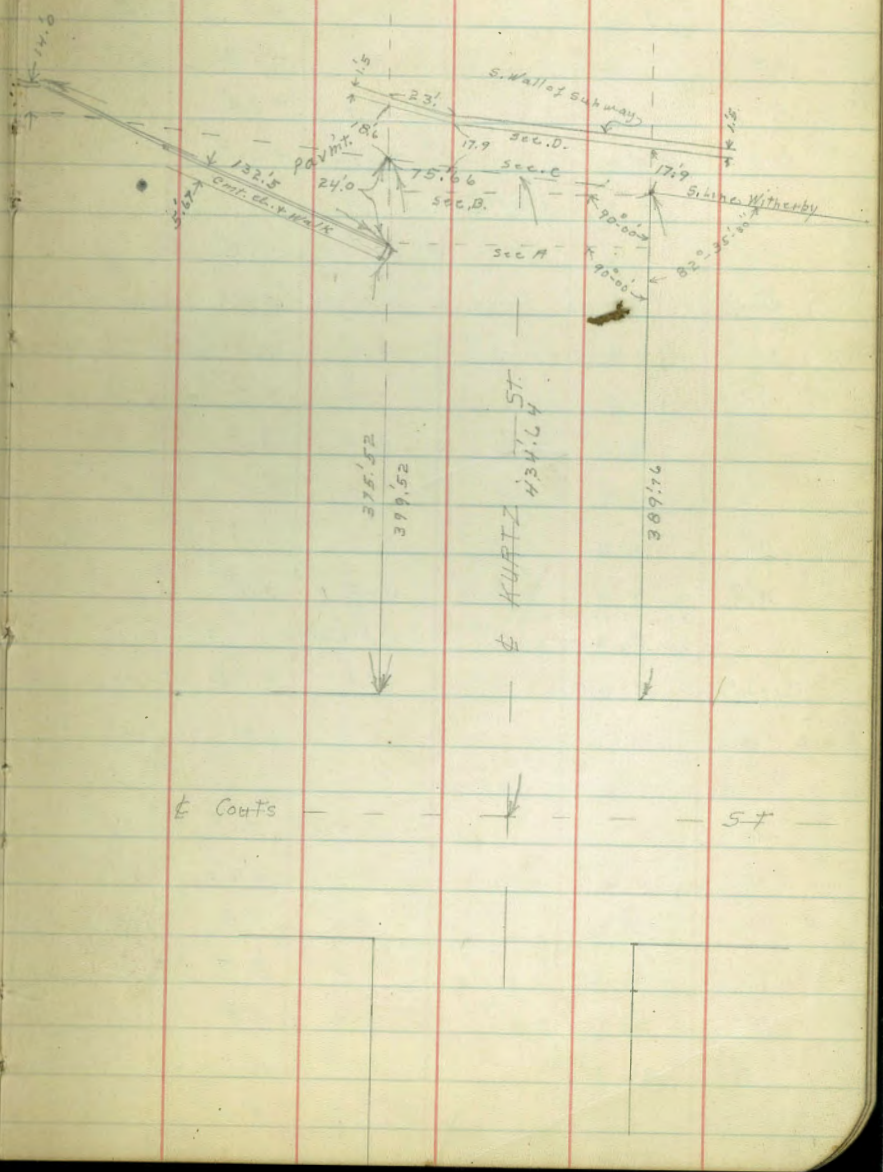
		7.40 100.N			
E			3.5	3.9	
el			4.0	3.4	
1+4			4.4	3.0	
e			4.5	2.9	
1+4			5.0	2.4	
el			5.2	2.2	
W.			4.9	2.5	
		150'N.			
W.			4.9	2.5	
el			4.9	2.5	
1+4			4.9	2.5	
e			4.2	3.2	
1+4			4.4	3.0	
el			3.2	4.2	
E			3.1	4.3	
		200'N.			
E			2.3	5.1	
el			3.1	4.3	
+5			4.3	3.3	
1+4			4.2	3.2	
e			4.2	3.2	
1+4			4.5	2.9	
+6			5.0	2.4	
el			4.6	2.8	
W			5.0	2.4	

		7.40 230'N			
			4.6		
W			4.6	2.8	
el			4.7	2.7	
+5			5.0	2.4	
1+4			4.6	2.8	
e			4.3	3.1	
1+4			4.2	3.2	
+4			4.1	3.3	
el			2.8	4.6	
E			1.8	5.6	
		260'N.			
E.			2.9	4.5	
el			3.8	3.6	
+7			4.5	2.9	
1+4			4.5	2.9	
e			4.5	2.9	
1+4			4.8	2.6	
+7			4.9	2.5	
el			4.8	2.6	
W			4.9	2.5	
T.P.	4.15	8.02	3.53	3.87	Nail, Pole
		290'N.			
W			5.5	2.5	
el			5.2	2.8	
1+4			5.4	2.6	
e			4.8	3.2	

8.02

290'N.(con)

1/4		4.7	3.3	
cl		3.4	3.6	
E		4.0	4.0	
+2		7.1	0.9	
+10		7.4	0.6	
	298'N. - Inlet (N. End)	Cmt. Box.	Culvert opening { L. wide / R. High	
-10		7.0	1.0	
-3		7.0	1.0	
E		9.8	-1.8	ground
+0.7 = E. edge culvert		9.3	-1.3	Flow Line
" " " "		6.6	+1.4	Top cmt. Box
+6.7 = W. edge culvert		6.6	+1.4	Top cmt. Box
" " " "		9.3	-1.3	Flow Line
+7		9.4	-1.4	ground
cl.		3.5	+4.5	
+10		3.5	4.5	
1/4		4.7	3.3	
C		4.8	3.2	
1/4		5.3	2.7	
cl		5.2	2.8	
W		5.5	2.5	
	307'N.			
W.		5.5	2.5	
cl		5.2	2.8	
1/4		5.2	2.8	
C		4.7	3.3	



8.02

307' N. (con)

E. 1/4	4.6	3.4
+ 3	3.5	4.5
cl	4.0	4.0
+5	9.4	−1.4
E	9.4	−1.4
+10	7.7	+0.3

316' N.

E	2.5	5.5
cl	2.7	5.3
+10	3.6	4.4
1/4	4.4	3.6
C	4.7	3.3
1/4	5.2	2.8
cl	5.3	2.7
W.	5.5	2.5

321.7 N. on E. line
316.5 N " W. " } Old Vitrified Pipe Culvert 2'-6" diam.

6.5 W. of W. Line = W. End Pipe — 9.6 — −1.6 — Flow Line

6.2 E " E " = E " " — " "

350' N

W	5.3	2.7
cl	5.4	2.6
1/4	5.1	2.9
C	4.5	3.5
1/4	4.2	3.8
cl	2.9	5.1
E	3.0	5.0

8.02

360' N

-10	5.2	2.8
E	4.9	3.1
cl	4.1	3.9
1/4	3.9	4.1
C	4.2	3.8
1/4	4.8	3.2
cl	5.1	2.9
W	5.3	2.7

See A = 375.52 N = E. End emt. cl. on W. sec at 90°00'

W. on E. End emt. cl	5.23	2.79
gutter on E. Edge pavmt.	5.96	2.06
cl	5.0	3.0
1/4	4.4	3.6
C	4.0	4.0
1/4	3.9	4.1
cl	4.0	4.0
E	3.7	4.3

See B = 389.76 N. = S. Line Wetherby St on E. sec at 90°00'

E	2.7	5.3
cl	3.0	5.0
1/4	3.6	4.4
C	3.6	4.4
1/4	3.8	4.2
cl	4.6	3.4
W = E. Edge pavmt.	5.60	2.42

8.02

Sec C. {389.76 W. on E. / 399.52 W. on W.} = S. Line Wetherby St. 75.66

W = E. Edge pavmt	5.55	2.47	
el	4.6	3.4	
1/4	3.8	4.2	
e	3.7	4.3	
1/4			
el			
E			
T.W. o			
E			
el			
1/4			
e			
1/4			
el			
W = E. edge pavmt			
Sec. D = S.S.			
W. = E. Edge pav			
W. Top Wall			
el " "			
1/4 " "			
e " "			
1/4 " "			
el " "			
E " "			
ehK on B.M. Top Hydt	3.71	4.31	

Enlarged

4.38

V. Wetherby

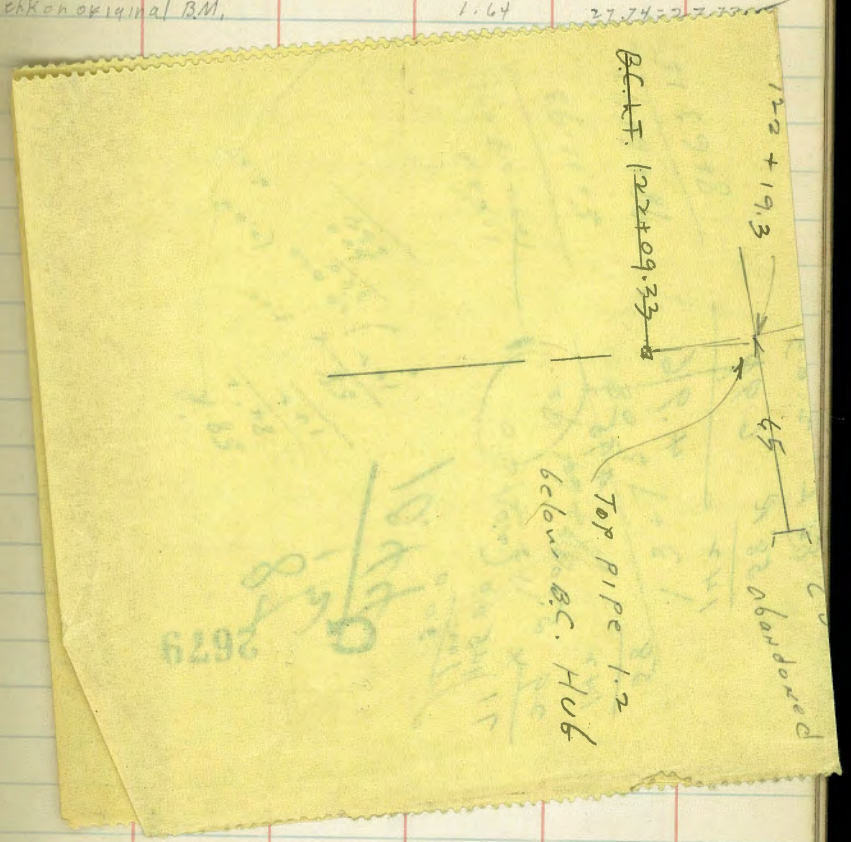
W. Atlantic

Kurtz St.

8.02

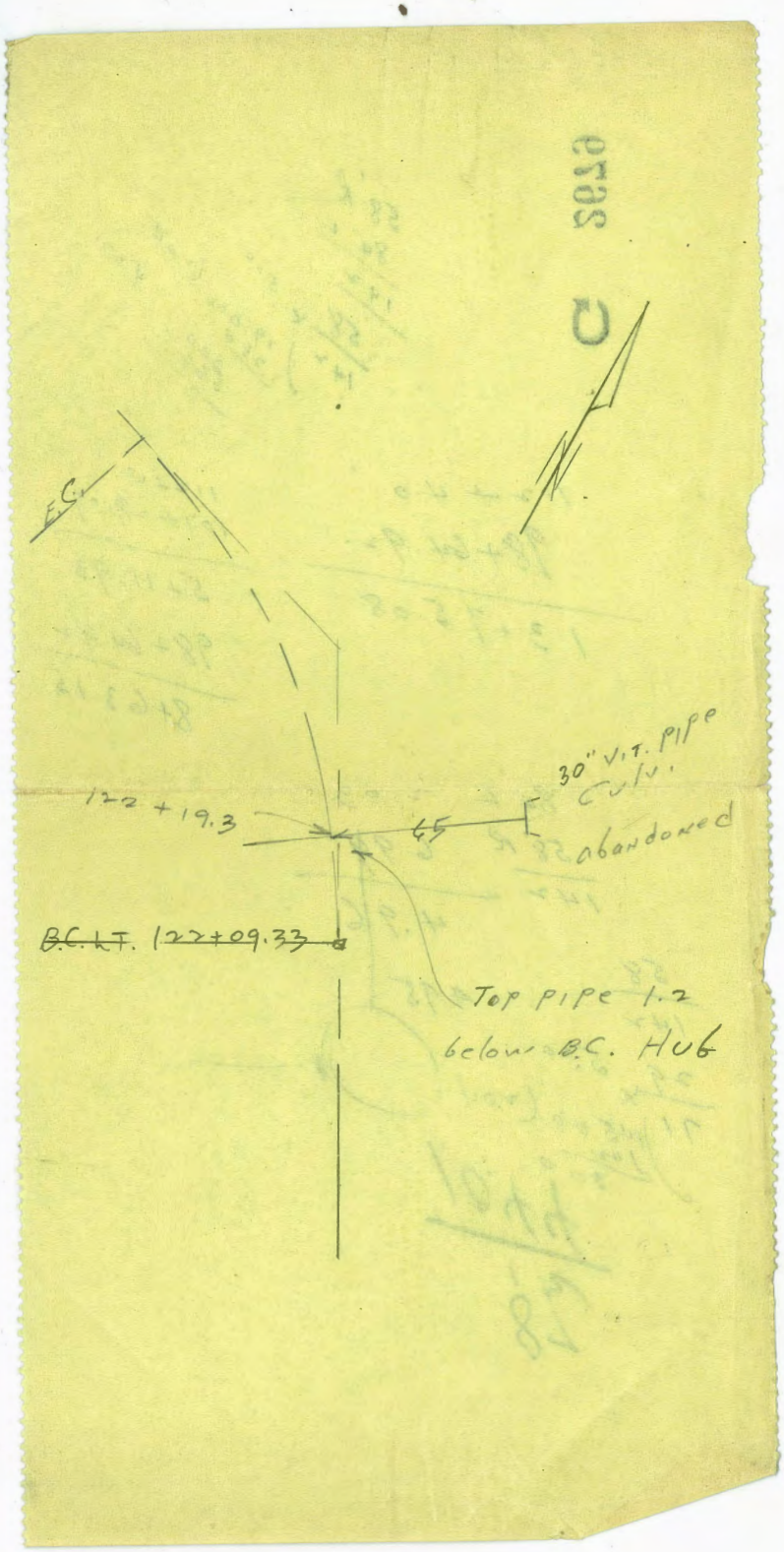
14

T.P.	11.73	16.65	3.10	4.92
T.P.	13.00	29.38	0.27	16.38
ehK on original B.M.			1.64	27.74 = 27.73



2679

G 2679


E.C.
122 + 19.3
45
30" V.T. PIPE
C.M.P.
abandoned
B.C. L.T. 122+09.33
Top pipe 1.2
below B.C. Hub

8.02

Sec C. { 389.76 N. on E / 399.52 N. on W } = S. Line Wetherby St. 75.66

W = E. Edge pavmt		5.55	2.47
cl		4.6	3.4
1/4		3.8	4.2
E		3.7	4.3
1/4		3.5	4.5
cl		3.1	4.9
E		2.7	5.3
	T.W. of S. Line Wetherby	on diagonal	
E		2.9	5.1
cl		3.3	4.7
1/4		3.6	4.4
E		3.8	4.2
1/4		4.1	3.9
cl		4.8	3.2
W = E. Edge pavmt		5.58	2.44
Sec D = S. side Wall of Under Xing			
W. = E. Edge pavmt		5.68	2.34
W. Top Wall		5.55	3.47
cl " " & dirt		5.50	2.52
1/4 " " " "		5.53	2.49
E " " " "		5.52	2.50
1/4 " " " "		5.53	2.49
cl " " " "		5.54	2.48
E " " " "		5.50	2.52
chK on BM. Top Hydt		3.71	4.31

4.38

S.W. Wetherby & W. Atlantic

Kurtz St.

8.02

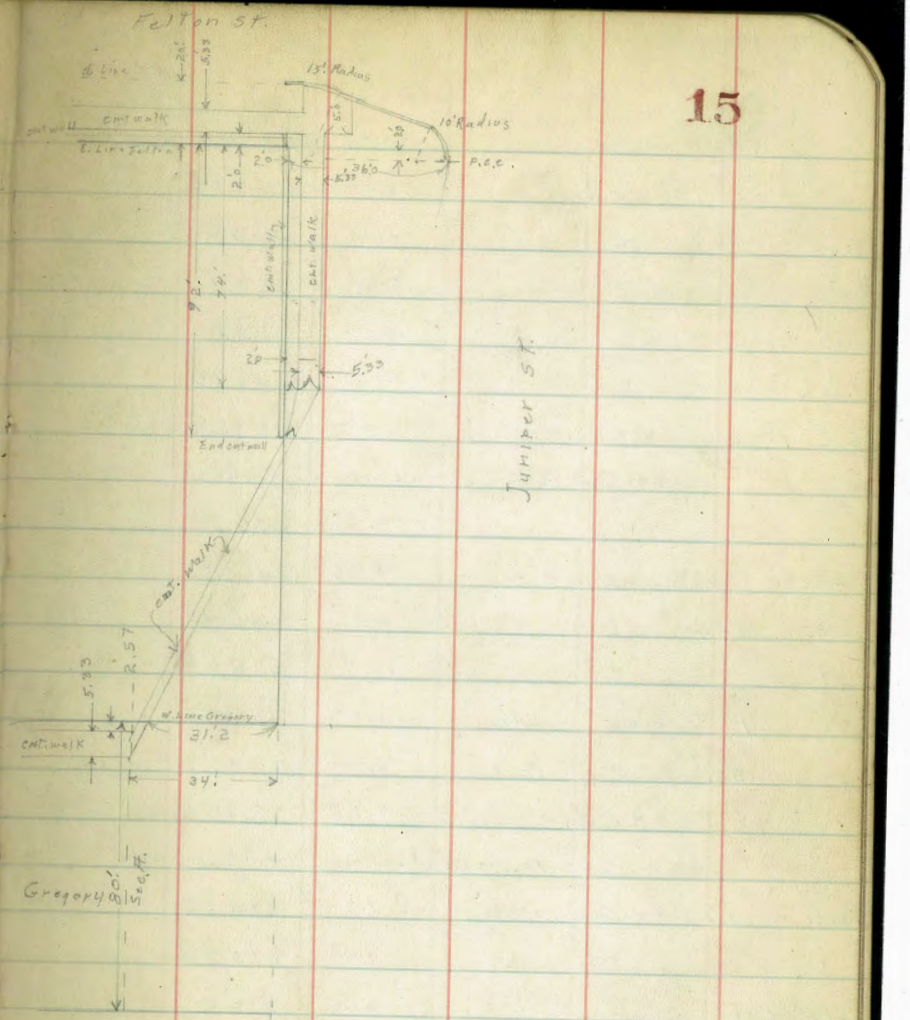
T.P.	11.73	16.65	3.10	4.92
T.P.	13.00	29.38	0.27	16.38
chK on original B.M.			1.64	27.74 = 27.73 ✓

Juniper St. X Sec.
Felton to Gregory
Upper Deck - S. line to Improvement.

3-16-29
mills

B.M. B.P. Top Wall	0.13	255.61	255.48	S.E. Juniper + Felton
		S. line Juniper = S.L.		
		E. el. line Felton St		
S. line Fop cmt. el. rft		2.35	253.26	
" " gutter Pavmt		2.80	252.81	
2' N. = R.C. 15' Radius cmt. el.		2.35	253.26	
" " " " gutter pavmt		2.78	252.83	
		00 = E. line Felton.		
35.75 N. of S.L. = E el. Juniper		4.05	251.46	
" " " " gutter pavmt.		4.78	250.83	
30' N. of S.L.		3.9	251.7	
28' " " "		3.2	252.4	
7.33 " " " = N. Edge cmt. walk		2.70	252.90	
S.L. = S. line S. line Juniper		2.5	253.1	
		2.'E = P.C.C. 10' Rad. el. Ref.		
36' N. of S.L. = S. cmt. el.		4.16	251.45	
" " " " gutter Pavmt.		5.05	250.56	
		25'E		
S.L.		4.6	251.0	
7.33 N. of S.L. = N. edge walk		4.82	250.79	
20' " " "		5.4	250.2	
29' " " "		5.0	250.6	
30' " " "		8.2	247.4	
35.2 " " " = S. cmt. el		8.47	247.14	
" " " " = gutter Pavmt		9.02	246.59	

Plotted 4-7-29 E.A.B.



255.61
46' E

33.6 N of S.L. = S. emt. el.		12.17	243.44	
" " " " gutter Pavmt.		12.82	242.79	
29' " " " "		11.7	243.9	
27' " " " "		5.5	250.1	
20' " " " "		6.5	249.1	
7.33 " " " N. edge walk		6.70	248.90	
S.L. etr. garage. emt. floor		6.35	249.26	
	74' E. = Δ on N. + S. edges of walk			
S.L.		8.8	246.8	
+ 7.33 = N. edge walk		9.01	246.55	
21 N. of S.L.		8.7	246.9	
24' N		16.8	238.8	
T.P.	0.33	11.26	244.35	
29.7 N. of S.L. = S. emt. el.		6.01	238.67	
" " " " gutter pavmt.		6.65	238.03	
	92' E. = E. End emt. wall: W. end 2' emt. walk			
26.1 N. of S.L. gutter pavmt		9.80	234.88	
" " " "		9.14	235.54	
21' N. of S.L.		8.7	236.0	
18' " " "		0.0	244.7	
7' " " "		+0.4	245.1	
2' " " " = N. Edge 2' emt. walk		0.00	244.7	
S.L.		0.0	244.7	

244.68
123.' S.

14.5 of S.L.			
10' " " " " Dirt.			
8' " " " " = N. edge 2' walk			
S.L.			
10' N. S.L.			
12.4 " "			
19.3 " " " = N. emt. el			
" " " " pavmt.			
	140' E.		
16.8 N. of S.L. pavmt.			
" " " " S. emt. el			
8' " " "			
5' " " "			
S.L.			
7' S. of S.L.			
13' " " " " = N. edge 2' walk			
16' " " " "			
19' " " " "			
	160' E.		
23' S. of S.L.			
21' " " "			
19' " " " " = N. edge 2' walk			
13' " " "			
5' " " "			
S.L.			

Juniper

0.0	244.7
3.0	241.7
3.31	241.37
4.7	240.0
4.2	240.5
14.0	230.7
14.46	230.22
15.21	229.47
18.30	226.38
17.54	227.14
16.6	228.1
7.2	237.5
5.3	239.4
6.7	238.0
5.34	239.34
5.1	239.6
2.6	242.1
5.3	239.4
7.4	237.3
7.53	237.15
9.0	235.7
7.4	237.3
11.3	233.4

244.68

160' E. (Con)

3' N. of S.L.	14.2	230.5
5' " " " "	20.5	224.2
13' " " " = S. cmt. cb	21.04	223.64
" " " " " pavmt.	21.55	223.13

180' E

10.6 N. of S.L. = pavmt.	25.34	219.34
" " " " " = S. cmt. cb	24.56	220.12
S.L.	23.1	221.6
1' S. of S.L.	17.2	227.5
8' " " " "	9.6	235.1
16' " " " "	11.4	233.3
25.3 " " " = N. edge E' walk	9.85	234.83
28' " " " "	9.6	235.1
30' " " " "	7.2	237.5

200' E = W. Line Gregory St { 80' wide, 40' cls, 20' walks

34' S. of S.L. = See A. Plat Page 15	12.2	232.5
31.2 S. of S.L. = N. edge E walk	12.21	232.47
30' " " " "	13.0	231.7
21' " " " "	13.5	231.2
10' " " " "	11.9	232.8
3' " " " "	15.5	229.2
T.P. 0.12	12.64	232.04
2' S. of S.L.	12.3	219.9
S.L.	13.6	218.6
4' N. of S.L.	15.2	217.0

232.16

9' N of S.L. = S. cmt. cb	15.53	216.63
" " " " " gutter Pavmt.	16.29	215.87

10' E. of W. Line

8.4 N. of S.L. = pavmt.	17.92	214.24
" " " " " S. cmt. cb	17.17	214.99
S.L.	15.9	216.3
1' S. of S.L.	6.1	226.1
11' " " " "	0.7	231.5
16' " " " "	0.9	231.3
20' " " " "	2.8	229.4
22' " " " "	1.5	230.7
34' " " " " = See A.	1.5	230.7

W. cl. Gregory

3' W. S. of S.L. = See A.	3.0	229.2
32' " " " "	1.7	230.5
24' " " " "	1.9	230.3
20' " " " "	4.6	227.6
16' " " " "	1.8	230.4
11' " " " "	2.4	229.8
3' " " " "	7.8	224.4
S.L.	17.8	214.4
8' N. of S.L. = S. cmt. cl	18.74	213.42
" " " " " = pavmt.	19.56	212.60

232.16
W. 1/4

7.7 N. of S.L.	= S. gutter	21.03	211.13
" " " "	= S. cmt. cl.	20.40	211.76
S.L.		18.9	213.3
2' S. of S.L.		10.5	221.7
12. " " "		4.2	228.0
17. " " "		4.5	227.7
19. " " "		2.1	226.1
23. " " "		4.2	226.0
25. " " "		3.3	228.9
34. " " "	= See A.	2.3	229.9
	& Gregory		
34' S of S.L.	= See A.	5.8	226.4
22. " " "		6.8	225.4
19. " " "		9.4	222.8
15. " " "		6.3	225.9
11. " " "		6.5	225.7
1. " " "		13.1	219.1
S.L.		18.6	213.6
2' N. of S.L.		20.8	211.4
7.7 " " "	= S. cmt. cl.	21.65	210.51
" " " "	pavmt.	22.35	209.81
	E. 1/4		
7.7 N. of S.L.	= gutter pavmt	23.61	208.55
" " " "	= S. cmt. cl.	22.93	209.23
2. " " "		22.3	209.9
S.L.		20.5	211.7

232.16

1' S. of S.L.			15.0	217.2
10' S " "			9.0	223.2
14 " " "			9.1	223.1
18' " " "			12.7	219.5
21' " " "			9.6	222.6
34' " " "	= See A.		10.0	222.2
T.P.	0.08	R19.09 E. cl.	13.15	E19.01
34' S. of S.L.	= See A.		+1.5	220.6
19' " " "			+0.5	219.6
17' " " "			2.0	217.1
15' " " "			+0.2	219.3
8' " " "			+1.0	220.1
1' " " "			3.4	215.7
S.L.			7.6	211.5
2' N. of S.L.			8.4	210.7
3' " " "			10.5	208.6
8.1 " " "	= S. cmt. cl		10.83	208.26
" " " "	pavmt		11.55	207.54
	10' E. of E. cl			
8.5 N. of S.L.	= gutter pavmt.		12.39	206.70
" " " "	S. cmt. cl.		11.70	207.39
4' " " "			11.4	207.7
2' " " "			9.7	209.4
S.L.			9.1	210.0

10' E. of E. el (con)

1'	S. of S.L		8.5	210.6
2'	" " " "		4.9	214.2
6'	" " " "		3.1	216.0
12'	" " " "		3.2	215.9
14'	" " " "		4.1	215.0
16'	" " " "		2.8	216.3
34'	" " " "	= Sec. A.	10.1	219.0

E. Line Gregory

34'	S. of S.L	= Sec. A.	4.3	214.8
16'	" " " "		5.5	213.6
3'	" " " "		6.6	212.5
	S.L		10.9	208.2
3'	N. of "		11.1	208.0
5'	" " "		12.2	206.9
9.1	" " " "	= s. cmt. el	12.45	206.64
	" " " "	parmt.	13.08	206.01

25' E. of E. Line Gregory

11.5	N. of S.L.	= parmt.	13.96	205.13
	" " " "	= s. cmt. el	13.26	205.83
	S.L		12.3	206.8
13'	S. of "		9.6	211.5 or 209.5?
34'	" " "	= Sec. A.	9.6	209.5

50' E. of E. Line Gregory St.

34'	S. of S.L	= Sec. A		15.4	203.7
15'	" " " "			14.8	204.3
	S.L			14.4	204.7
14.9	N of S.L.	= S. cmt. el		13.62	205.47
"	" " "	gutter parmt		14.46	204.63
	T.R	13.08	2.32.09	0.08	219.01

80' wide
20' elbs
10' 1/4's.

Gregory St. X Sec. Juniper to Ivy

3-18-29
Miller

232.09 Page 19.
O.O = S. line Juniper

34's. of S. Line Juniper = Sec. M.

E - 5'0		28.4	203.7
E - 25		22.6	209.5
E. Line		17.3	214.8
+10		13.1	219.0
elb		11.5	220.6
1/4		9.8	222.3
℄		5.7	226.4
1/4		2.2	229.9
+elb		2.9	229.2
+10		7.4	230.7
+12.1 = E. Edge cmt. walk	5.33 Width	0.10	231.99
W. Line		+0.4	232.5
40's. of S. Line Juniper			
W		0.0	232.1
+7.9 = E. Edge cmt. walk		0.36	231.73
el		2.0	230.1
+2		4.2	227.9
+5		4.4	227.7
+7		2.2	229.9
1/4		2.3	229.8
+3		2.3	229.8
E		4.6	227.5
1/4		9.0	223.1
elb		11.0	221.1
+13		13.3	218.8

Plotted

232.09

20

E		16.6	215.5
+25		22.6	209.5
45's.			
-25		23.0	209.1
E		16.0	216.1
+7		12.6	219.5
elb		11.0	221.1
1/4		9.0	223.1
E		5.7	226.4
+5		3.3	228.8
1/4		2.7	229.4
+1		5.2	226.9
+5		4.6	227.5
+6		2.4	229.7
elb		2.2	229.9
+12.1 = E. edge cmt. walk		0.64	231.45
W		0.0	232.1
50's.			
W		+0.2	232.3
+7.9 = E. Edge walk		0.82	231.27
el		2.6	229.5
+6		2.6	229.5
+7		5.6	226.5
1/4		5.6	226.5
+1		2.9	229.2
E		5.8	226.3

	232.09	
	50' S. (con)	
E. 1/4	11.0	221.1
eb	12.8	219.3
E	18.0	214.1
+25.	23.8	208.3
	54' S. of S. line = Juniper	
-25	22.6	209.5
E	15.6	216.5
+7	12.6	219.5
eb	10.8	221.3
1/4	8.7	223.4
+5	9.3	222.8
E	8.1	224.0
+8	5.8	226.3
1/4	2.7	229.4
eb	2.6	229.5
+12.1 = E. edge walk	0.96	231.13
W	+0.3	232.4
	58' S.	
W	+0.3	232.4
+7.9 = E edge walk	1.14	230.95
eb	2.8	229.3
1/4	2.7	229.4
+3	2.9	229.2
E	5.4	226.7
1/4	8.5	223.6
eb	10.5	221.6

	232.09	
+13	12.3	219.8
E	15.6	216.5
+25	22.6	209.5
	100' S.	
-25	28.1	204.0
E	17.3	213.8
+6	12.9	219.2
eb	10.7	221.4
1/4	8.4	223.7
E	5.7	226.4
+6	4.3	227.8
1/4	4.3	227.8
eb	4.5	227.6
+3	4.5	227.6
+5	3.5	228.6
+12.1 = E. edge. walk	2.88	229.21
W	1.7	230.4
	150' S.	
W	3.8	228.3
+7.9 = E. Edge walk	5.20	226.90
+13	6.1	226.0
+17	7.1	225.0
eb	7.2	224.9
1/4	6.3	225.8
+4	6.3	225.8
E	8.6	223.5

232.09

150' S. Con

E. 1/4		11.1	221.0
eb.		13.5	218.6
+12		15.3	216.8
E.		20.2	211.9
+25		32.5	199.6
	200' S. 31.2		
-24		31.2	200.9
E.		21.3	210.8
+8		17.1	215.0
eb		15.2	216.9
1/4		13.3	218.8
E		11.8	220.3
+8		8.9	223.2
1/4		8.9	223.2
eb		9.4	222.7
+4		9.6	222.5
+6		8.0	224.1
+12.1 = E. Edge walk		7.55	224.54
W		6.6	225.5
	225' S.		
W		6.9	225.2
+3		8.5	223.6
+7.8 = E. edge walk		8.54	223.55
+14		9.1	223.0
+16		10.4	221.7
eb		10.6	221.5

232.09

Gregory St

22

1/4		10.1	222.0
+2		10.0	222.1
E		12.8	219.3
1/4		14.9	217.2
eb		16.9	215.2
+13		18.1	214.0
E.		21.4	210.7
+25		31.2	200.9
	250' S		
-25		33.3	198.8
E		23.9	208.2
+8		18.8	213.3
eb		17.4	214.7
1/4		16.3	215.8
E		14.8	217.3
+8		11.2	220.9
1/4		11.2	220.9
eb		11.6	220.5
+4		11.6	220.5
+6		10.2	221.9
+12.2 = E. Edge cmt. walk		9.57	222.52
+17		9.5	222.6
W		8.5	223.6

300' S. = N Line Ivy St. 232.09

What. Section

W.			11.0	221.1
+7.8 = E. Edge walk			11.53	220.56
+13			12.0	220.1
+15			13.3	218.8
eb			13.5	218.6
14			13.2	218.9
C			17.2	214.9
14			19.5	212.6
eb			20.4	211.7
+6			21.0	211.1
E			30.7	201.4
+15			38.0	194.1
T.P.	13.05	245.09	0.05	232.04
T.P.	11.49	255.84	0.74	244.35
chk on original BM.			0.36	255.48

80' Wide
14' ets
13' 1/4

Robinson Ave X Sec
Alabama to Florida

4-26-29
Miller

B.M.	3.75	261.76	258.01
	00 = W. Line Alabama		
N on cmt. walk Return		3H7	258.29
N. cmt. ct		3.73	258.03
gutter parmt		4.38	257.38
1/4 "		4.17	257.59
C "		4.18	257.58
1/4 "		4.47	257.29
gutter "		4.78	256.98
S. cmt. ct		4.25	257.51
S. on cmt. Walk Return		4.06	257.70
	2' W		
S		3.3	258.5
+12		2.8	259.0
ct		4.3	257.5
1/4		4.1	257.7
C		4.0	257.8
1/4		3.9	257.9
ct		3.7	258.1
N		3.6	258.2
	15' N.		
N		3.8	258.0
ct		4.0	257.8
1/4		3.9	257.9
C		3.8	258.0
1/4		3.7	258.1

Plotted 3-29-29 EAB

261.76

ct	4.6	257.2
S	5.2	256.6
25' W.		
S	6.1	255.7
ct	4.3	257.5
1/4	3.7	258.1
C	4.0	257.8
1/4	4.3	257.5
ct	4.4	257.4
N	4.2	257.6
40' W		
N-5 wall House	7.3	252.5
N	7.1	252.7
ct	6.4	255.4
1/4	5.4	256.4
C	5.1	256.7
1/4	4.6	257.2
ct	5.6	256.2
S	7.2	254.6
46' W		
-5	9.2	252.6
S	9.2	252.6
ct	8.8	253.0
1/4	9.0	252.8
C	7.1	254.7
1/4	7.5	254.3

		261.76 46' W. (con.)		
1/4 + 8			7.0	254.8
cl			7.7	254.1
N			10.9	250.9
+5			11.0	250.8
		56' N.		
-10			12.8	249.0
N			12.7	249.1
cl			10.4	251.4
+5			9.7	252.1
1/4			11.9	249.9
+4			12.5	249.3
c			9.3	252.5
+9			12.1	249.7
1/4			12.0	249.8
+3			13.0	248.8
cl.			13.0	248.8
S			13.1	248.7
+10			12.6	249.2
T.P.	0.68	250.14	12.30	249.46
		75' N.		
-10			5.0	245.1
S			5.7	244.4
cl			6.1	244.0
1/4			6.4	243.7
+5			6.3	243.8
c			3.8	246.3

		250.14		
1/4			4.4	245.7
cl			4.9	245.2
N			6.2	243.9
+10			6.2	243.9
		79.5' N.		
-10			6.5	243.6
N.			7.0	243.1
cl.			6.7	243.4
1/4			7.5	242.6
+2: ℄ W. End. outlet 48" cmt. Culvert.			8.2	241.9 Flowline
+8			4.8	245.3
c			6.0	244.1
+10			7.5	242.6
1/4			7.4	242.7
cl			6.8	243.3
S			6.4	243.7
+10			6.4	243.7
		100' N.		
-15			12.1	238.0
S			12.7	237.4
cl			12.8	237.3
1/4			13.0	237.1
c			12.7	237.4
1/4			12.0	238.1
cl			12.0	238.1
N			11.7	238.4
+15			10.5	239.6

		250.14			
T.P.	3.02	240.41	12.55	237.59	
		110' N			
-15			3.7	236.9	
N			4.0	236.6	
ch			4.3	236.3	
1/4			4.3	236.3	
C			4.1	236.5	
1/4			4.6	236.0	
ch			4.9	235.7	
S			5.3	235.3	
+15			5.3	235.3	
		122' N			
-15			6.6	234.0	
S			6.4	234.2	
ch			6.1	234.5	
1/4			5.8	234.8	
C			5.4	235.2	
1/4			5.3	235.3	
ch			5.2	235.4	
N			5.8	234.8	
+20			8.7	231.9	
		130' N.			
-25			10.7	229.9 in wash	
-15			10.8	229.8 " "	
N.			8.5	232.1	
ch			4.0	234.6	

		240.41			
1/4			5.9	234.7	
C			6.1	234.5	
1/4			6.5	234.1	
ch			6.6	234.0	
S			7.0	233.6	
+15			7.2	233.4	
		140' N.			
-15			7.9	232.7	
S			7.7	232.9	
ch			7.6	233.0	
1/4			7.3	233.3	
C			7.7	232.9	
1/4			7.1	233.5	
+9			9.0	231.6	
ch			8.9	231.7	
+9			9.5	231.1	
N			11.2	229.4 Wash	
+14			10.9	229.7	
+25			8.3	232.3	
		153' N			
-25			7.5	233.1	
-12			7.9	232.7	
N			10.7	229.9 Wash	
ch			11.5	229.1 "	
+7			11.2	229.4 "	
+9			9.5	231.1	

	240.61					240.61			
	153' W. (cor)								
N. ¼		9.5	231.1		C		12.7	227.9	Wash
C		9.5	231.1		+10		12.5	228.1	"
¼		9.1	231.5		¼		11.0	229.6	
cl		8.7	231.9		cl		9.9	230.7	
S		9.2	231.4		S		9.5	231.1	
+25		9.5	231.1		+25		10.3	230.3	
	160' W.					187' W.			
-25		10.2	230.4		-25		10.6	230.0	
S		9.5	231.1		S		9.9	230.7	
cl		9.0	231.6		+8		11.2	229.4	
¼		9.5	231.1		+10		13.1	227.5	Wash
C		9.7	230.9		cl		13.3	227.3	"
+6		9.8	230.8		+12		13.0	227.6	"
+8		11.4	228.8	Wash	¼		11.0	229.6	
¼		11.8	228.8	"	C		9.0	231.6	
cl		11.6	229.0	"	¼		8.4	232.2	
N.		8.0	232.6		cl		8.4	232.2	
+25		7.6	233.0		N		8.2	232.4	
	175' W.				+25		7.5	233.1	
-25		7.6	233.0			192' W			
N		8.1	232.5		-25'		6.9	233.7	
cl		8.3	232.3		N		8.2	232.4	
+7		8.4	232.2		cl		8.3	232.3	
¼		9.3	231.3		¼		8.5	232.1	
+11		11.3	229.3		C		9.0	231.6	
+12		12.6	228.0	Wash	+8		8.9	231.7	

	240.61 192' N. (e on)		
1.4		10.2	230.4
+8		11.2	229.4
+10		13.2	227.4 wash
eb		13.2	227.4 "
S		13.3	227.3 "
+1		11.7	228.9
+12		9.8	230.8
+25		10.6	230.0
	200' W.		
-25		11.1	229.5
-16		11.7	228.9
-14		13.2	227.4 wash
S		13.4	227.2 "
+5		11.3	229.3
eb		9.2	231.4
1/4		9.0	231.6
C		8.8	231.8
1/4		8.5	232.1
eb		8.4	232.2
N		8.1	232.5
+25		6.7	233.9
	201' W.		
-25		6.4	234.2
N		7.7	232.9
eb		8.3	232.3
1/4		8.6	232.0

	240.61		
C		8.6	232.0 on dead cat.
1/4		8.8	231.8
eb		9.1	231.5
S		9.6	231.0
+10		13.7	226.9 wash
+30		13.7	226.9 "
	215' W.		
-25		10.3	230.3
S		9.0	231.6
eb		8.8	231.8
1/4		8.3	232.3
C		8.4	232.2
1/4		8.1	232.5
eb		8.0	232.6
N		6.7	233.9
+13		5.2	235.4
+20		2.5	238.1
	225' W.		
-15		0.7	239.9
N.		3.8	336.8
eb		5.8	234.8
1/4		7.3	233.3
e.		8.3	232.3
1/4		8.0	232.6
eb		8.1	232.5
S		8.4	232.2
+25	See Page 77 for 2+83	9.5	231.1

240.61
235'W.

S-25	See Page 77	5.7	234.9
S.	for Sec 2737=	7.7	232.9
cb.	El. Alley	6.7	233.9
1/4		6.9	233.7
c		6.8	233.8
+5		6.8	233.8
1/4		4.3	236.3
cb.		2.0	238.6
T.P.	12.98 253.18	0.41	240.20
N.		11.6	241.6
+15		6.7	246.5
	247'W.		
-5		2.0	251.2
N		2.2	251.0
+8		6.1	247.1
cb		7.7	247.5
1/4		10.2	243.0
c		14.7	238.5
1/4		17.6	235.6
+6. Top M.H	No yardage	16.6	236.6
cb.		18.4	234.8
S		18.4	234.8
+13'		18.5	234.7
+25'		14.5	238.7
	252'W		
-25'		11.4	241.8
-6		18.0	235.2

253.18

S	17.0	236.2
cb	17.7	235.5
1/4	16.6	236.6
c	13.0	240.2
1/4	3.4	249.8
cb	2.9	250.3
N	1.1	252.1
+5	1.0	252.2
	260'W	
-5	+0.4	253.6
N	+0.3	253.5
cb	0.0	253.2
1/4	1.2	252.0
+7	2.1	251.1
c	5.8	247.4
1/4	10.3	242.9
cb	11.3	241.9
+6	11.5	241.7
+7	14.8	238.4
+11	14.8	238.4
S	12.4	240.8
+5	13.7	239.5
+8	9.8	243.4
+20	6.4	246.8

		253.18							
		270' W.							
-20			3.9	249.3					
-5			4.3	248.9					
-4			6.8	246.4					
S			6.8	246.4					
+7			10.2	243.0					
+10			3.5	249.7					
cb			3.0	250.2					
1/4			0.7	252.5					
T.P.	13.01	266.03	0.16	253.02					
C			12.1	253.9					
1/4			10.9	255.1					
cb			10.8	255.2					
N			9.9	256.1					
+5			9.8	256.2					
		R75' W.							
-5			9.0	257.0					
N			9.0	257.0					
cb			9.5	256.5					
+9			8.8	257.2					
1/4			8.9	257.1					
C			10.1	255.9					
1/4			10.3	255.7					
+7			12.2	253.8					
cb			12.8	253.2					
+4			13.0	253.0					
+7			15.3	250.7					

					246.03				
+9			13.1	252.9					
S			13.5	252.5					
+20			15.7	250.3					
					R81' W.				
-5			12.2	253.8					
S			11.7	254.3					
+12			10.8	255.2					
cb			12.3	253.7					
+2			10.5	255.5					
+7			8.5	257.5					
1/4			7.7	258.3					
C			7.0	259.0					
+5			5.5	260.5					
1/4			6.1	259.9					
+10			5.8	260.2					
cb			7.9	258.1					
N			8.0	258.0					
+5			6.4	259.6					
					R 85' W.				
N-2'2 S.E. Cor House on cmt. porch			5.23	260.80					
floor of House.			5.60	260.43					
N.			5.28	260.75					
+1'8 S. on porch S. side			5.33	260.70					
+1.9 Top cmt. wall			3.86	262.17					
+2'4 ground			4.1	261.9					
cb			4.6	261.4					

266.03

285' W. (con)

N. 1/4	4.4	261.6
C	5.1	260.9
3/4	6.6	259.4
+4	7.4	258.6
+10	11.1	254.9
+11	9.7	256 3
eb	10.1	255.9
S	10.6	255.4
+5	10.9	255.1

295' W.

-5.	9.6	256.4
S	9.7	256.3
eb	8.7	257 3
+2	8.4	257.6
+3	9.3	256.7
+5	9.1	256.9
+10	5.7	260 3
1/4	5.2	260.8
C	5.0	261.0
1/4	4.3	261.7
eb	4.0	262.0
+11.6 ground.	3.7	262 3
+12.1 Top cmt. wall	3.40	262.63
+12.2 cmt. porch	4.90	261.13
N " "	4.91	261.12
+2.2 " " Front of house	4.87	261.16

266.03

296' W

N-2.2 Front of house	3.4	262.6
N.	3.4	262.6
N. eb	4.0	262.0

305' W

-2.2 Front House	2.2	263.8
N	2.3	263.7
eb	3.1	262.9
1/4	3.1	262.9
C	3.1	262.9
+10	5.4	260.6
+11	6.5	259.5
1/4	5.7	260 3
eb	6.2	259.8
S	7.3	258.7
+5	8.1	257.9

315' W

5. on cmt. porch {Use Reading Below for yardage}	4.1	261.9
+1.5 ground.	5.0	261.0
eb	4.0	262.0
1/4	2.3	263.7
+3	1.0	265.0
C	1.0	265.0
3/4	1.1	264.9
eb	1.0	265.0
N	0.2	265.8
T.P. 12.27 278.05	0.25	265.78

	278.05		
	335' W.		
N.		9.3	268.8
cb		9.6	268.5
1/4		10.4	267.7
c		10.5	267.6
1/4		10.8	267.3
cb		12.2	265.9
S		13.0	265.1
	350' W.		
S		11.3	266.8
cb		10.3	267.8
1/4		9.4	268.7
c		9.1	269.0
1/4		8.2	269.9
cb		7.6	270.5
N		7.3	270.8
	365' W		
N.		5.2	272.9
cb		5.9	272.2
1/4		6.5	271.6
c		7.3	270.8
1/4		7.8	270.3
cb		8.5	269.6
S		9.5	268.6
	385' W		
S		7.3	270.8
cb		6.4	271.7

	278.05		
1/4		5.6	272.5
c		5.1	273.0
1/4		4.3	273.8
cb		3.8	274.3
N		3.3	274.8
	400' W.		
N		2.3	275.8
cb		2.9	275.2
1/4		3.3	274.8
c		4.0	274.1
1/4		4.5	273.6
+ 4		5.6	272.5
cb		5.7	272.4
S		6.2	271.9
+ 5		6.8	271.3
	407' W = E. line Florida		
S		5.4	272.7
cmt. cb		5.09	272.96
+ 1		5.5	272.6
1/4		5.1	273.0
c		4.2	273.9
1/4		3.8	274.3
+ 12		3.5	274.6
N. cmt cb		3.0.5	275.00
N.		2.7	275.4
chk on B.M. N.W. Robinson + Florida		2.06	275.99 = 275.96

5-8-29
J C Bliss
Drebert
Paunch

X-section Alleys in City Hts
from Wightman to Redwood
between Central & 40th - 20' wide.
Blk 68 City Hgts

B.M. N.W.B.P. Wightman & 40th (Grosin) 343.09
+4.37

H.I. 347.06 46

S.L. Wightman = 0+00

W Tp existing return		4.83	342.63
G		4.9	
℄		5.0	342.5
+5		4.9	
G		4.8	
E Tp existing return		4.61	342.85
	0+20		
Sewer M.H. & Alley - Flowline		10.62	336.84 ✓
	0+25		
E		6.3	341.2
+5		6.3	
℄		6.3	341.2
W		6.0	341.5
	0+50		
W		7.5	340.0
℄		7.9	339.6
+5		7.9	
E		7.9	339.6
	0+75		
E		8.8	338.7
+5		8.8	
℄		8.9	338.6
W		9.1	338.4
	0+90		
℄ 26' Double Garage - 13' Back E.L. Dirt Floor		8.9	338.6 ✓

Plotted 5-10-29 E.B.H.

H.I. 347.06 46

33

	1+00		
W		9.5	338.0
℄		9.4	338.1
+5		9.2	
E		9.1	338.4
	1+25		
E		10.7	336.8
+5		10.4	
℄		10.1	337.4
W		9.9	337.6
	1+50		
W		9.5	338.0
℄		10.2	337.3
+5		10.5	
E		10.8	336.7
	1+75		
E		10.6	336.9
+5		10.3	
℄		9.8	337.7
W		9.0	338.5
	2+00		
W		8.7	338.8
℄		9.4	338.1
+5		9.9	
E		10.1	337.4
	2+25		
E		9.4	338.1
+5		9.1	
℄		8.9	338.6
W		8.2	339.3
	2+50		
Cut 3' ℄ 18' Double Garage - Dirt Floor		8.3	339.2

H.I. 347.06 46

W		8.6	338.9
℄		8.8	338.7
+5		9.0	
E		9.3	338.2
	2+75		
E		8.5	339.0
+5		8.6	
℄		8.8	338.7
W		8.1	339.4
T.P			-8.84 338.62
	+0.27		
	H.I. 338.89		
	3+00		
W		0.4	338.5
℄		0.5	338.4
+5		0.8	
E		1.4	337.5
	3+25		
E		1.7	337.2
+5		1.2	337.7
℄		0.9	338.0
W		1.3	337.6
	3+33		
8' Garage 6' Back W.L. Concrete Floor		0.50	338.39 ✓
	3+50		
W		1.3	337.6
℄		1.9	337.0

H.I. 338.89 34

+5		1.9	
E		1.9	337.0
	3+75		
E		2.9	336.0
+5		2.8	
℄		2.8	336.1
W		2.3	336.6
	3+69		
℄ 8' Garage 6' Back W.L. Concrete Floor		1.30	337.59 ✓
	4+00		
W		3.2	335.7
℄		3.8	335.1
+5		4.5	334.4
E		5.0	333.9
	4+25		
E		5.5	333.4
+5		5.2	333.7
℄		4.9	334.0
W		3.9	335.0
	4+33		
℄ North 8' Garage of Double Garage 3' Back W.L. Dirt Floor		4.3	334.6 ✓
	4+42		
℄ South 8' Garage of Double Garage 3' Back W.L. Concrete Floor		3.48	335.41 ✓

H.I. 338.89

4+50

W		5.0	333.9
℄		6.4	332.5
+5		6.7	
E		7.4	331.5
	4+75		
E		9.0	329.9
+5		8.5	
℄		8.3	330.6
W		7.7	331.2
	5+00		
W		9.8	329.1
℄		10.3	328.6
+5		11.0	
E		11.0	327.9
	5+25		
Back 1' ℄ 12' Garage Dirt Floor		12.7	326.2
E		12.7	326.2
+5		12.6	326.3
℄		12.4	326.5
W		11.6	327.3
	5+50		
W		12.9	326.0
℄		13.1	325.8
+5		13.6	325.3
E		14.1	324.8

H.I. 338.89

T.P.		-12.76	326.13
	4+39		
	H.I. 330.52		
	5+75		
E		5.7	324.8
+5		5.5	325.0
℄		4.9	325.6
W		4.9	325.6
	6+00 = N.L. Landis		
W		4.9	325.6
℄		4.6	325.9
+5		4.6	325.9
E		4.6	325.9
Shot on East end of N.E Return Landis			
∠ 40th		0.05	330.47 ✓
Shot on West end of N.W. Return at			
Landis + Central		3.91	326.61 ✓
	S.L. Landis = 0+00		
E		5.6	324.9
+5		5.4	325.1
℄		5.1	325.4
W		5.0	325.5
	0+25		
W		21.5	309.0
℄		22.7	307.8
+5		20.5	310.0

H.I. 330.5 ✓

E		20.3	310.2
	0+45		
E		27.3	303.2
+5		28.8	301.7
℄		30.1	300.4
W		30.9	299.6
	0+75		
W		24.0	306.5
℄		16.4	314.1
+5		10.0	320.5
E		9.1	321.4
	1+00		
E		2.4	328.1
+5		2.6	327.9
℄		3.1	327.4
+7		3.5	
+3		13.1	
W		17.1	313.4
	1+25		
Out 3		12.7	
Out 2		2.4	
W		1.8	328.7
℄		0.9	329.6
+5		0.4	330.1
E		0.4	330.1

H.I. 330.5 ✓ 36

T.P.		-0.73	329.79
	+7.68		
	H.I. 337.47		
	1+30		
M.H. ℄ Alley - Flowline		12.57	324.95
	1+50		
E		6.5	331.0
+5		6.9	330.6
℄		7.3	330.2
W		7.2	330.3
	1+75		
W		6.9	330.6
℄		6.5	331.0
+5		6.3	331.2
E		6.2	331.3
	1+95		
℄ 8' Garage 0.4' in Alley from E.L. Concrete Floor		5.30	332.17 ✓
	2+00		
E		5.9	331.6
+5		6.2	331.3
℄		6.1	331.4
W		6.4	331.1
	2+25		
W		6.2	331.3
℄		6.0	331.5
+5		6.1	331.4

H.I. 337.47

E	6.1	331.4
2+33		
℄ 8' Garage 0.4' in Alley from E.L. Dirt Floor	5.6	331.9 ✓
2+41		
℄ 8" Garage 5 Back W.L. Dirt Floor	5.8	331.7 ✓
2+50		
E	5.7	331.8
+5	5.7	331.8
℄	5.8	331.7
W	5.6	331.9
2+75		
W	6.0	331.5
℄	5.8	331.7
+5	5.8	331.7
E	5.7	331.8
3+00		
E	5.1	332.4
+5	5.5	332.0
℄	5.5	332.0
W	5.8	331.7
3+25		
W	5.4	332.1
℄	5.4	332.1
+5	5.2	332.3
E	5.2	332.3

3+50		
E	5.5	332.0
+5	5.4	332.1
℄	5.4	332.1
W	5.6	331.9
3+75		
W	5.3	332.2
℄	5.2	332.3
+5	5.3	332.2
E	5.3	332.2
3+95		
℄ 10' Garage 4' Back W.L. Dirt Floor	5.6	331.9 ✓
4+00		
E	5.1	332.4
+5	4.7	332.8
℄	4.8	332.7
W	4.9	332.6
4+25		
W	4.7	332.8
℄	4.9	332.6
+5	5.1	332.4
E	5.3	332.2
4+30		
E	5.8	331.7
+5	5.3	332.2
℄	5.2	332.3

H.I. 337.47

W		5.4	332.1
	4+75		
W		5.5	332.0
℄		5.3	332.2
+5		5.4	332.1
E		5.5	332.0
	4+91		
℄ 8' Garage 5' Back W.L - Dirt Floor		5.6	331.9
	5+00		
E		5.2	332.3
+5		5.4	332.1
℄		5.6	331.9
W		5.6	331.9
	5+25		
W		5.5	332.0
℄		5.7	331.8
+5		5.6	331.9
E		5.4	332.1
	5+31		
℄ 8' Garage 5' Back W.L. Dirt Floor		5.7	331.8
	5+50		
E		5.9	331.6
℄ 5		5.8	331.7
℄		5.9	331.6
W		5.7	331.8

H.I. 337.47

BLK 95 City Apts

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5+75

W		5.9	331.6
℄		5.9	331.6
+5		5.9	
E		5.9	331.6
	6+00 = N.L. Dwight		
E Tp existing return		8.23	329.24
℄ +5		8.2 7.5	330.0
℄		7.8	329.7
G		8.5	
W Tp existing return		8.44	329.03
T.R			-6.44 331.03
	+3.10 H.I. 334.13		
	S.L. Dwight = 0+00		
W Tp existing return		5.45	328.68
G		5.5	
℄		4.4	329.7
+5 G		4.8 5.1	329.3
E Tp existing return		5.07	329.06
	0+04		
E		3.0	331.1
+5		3.1	331.0
℄		3.0	331.1
W		3.1	331.0
	0+25		
W		2.8	331.3

℄		2.6	331.5
+5		2.3	331.8
E		2.4	331.7
	0+50		
E		2.6	331.5
+5		2.7	331.4
℄		2.6	331.5
W		2.9	331.2
	0+60		
℄ 8' Garage 3.5' Back W.L. Dirt Floor		3.0	331.1 ✓
	0+75		
W		3.3	330.8
℄		2.9	331.2
+5		3.0	331.1
E		3.0	331.1
	1+00		
E		3.4	330.7
+5		3.4	330.7
℄		3.4	330.7
W		3.7	330.4
	1+18		
℄ 8' Garage 7' Back E.L. Concrete Floor		3.48	330.65 ✓
	1+25		
W		3.8	330.3
℄		3.7	330.4

H.I. 334.13

+5		3.7	330.4
E		3.8	330.3
	1+30		
℄ 8' Garage 7' Back E.L. Concrete Floor		3.66	330.47 ✓
	1+42		
℄ 10' Garage 8' Back W.L. Concrete Floor		4.30	329.83 ✓
	1+50		
E		4.2	329.9
+5		4.3	329.8
℄		4.3	329.8
W		4.4	329.7
	1+75		
W		4.8	329.3
℄		4.8	329.3
+5		4.8	329.3
E		4.8	329.3
	2+00		
E		5.2	328.9
+5		5.1	329.0
℄		5.2	328.9
W		5.3	328.8
	2+05		
℄ 8' Garage 15' Back E.L. Concrete Floor		5.01	329.12 ✓
	2+25		
W		5.9	328.2

H.I. 334.13

℄		5.8	328.3
+5		5.6	328.5
E		5.5	328.6
	2+33		
℄ 8'Garage 1.5'Back W.L. Concrete Floor		5.64	328.49
	2+50		
E		6.1	328.0
+5		6.3	327.8
℄		6.2	327.9
W		6.6	327.5
	2+75		
W		6.9	327.2
℄		6.9	327.2
+5		6.9	327.2
E		6.6	327.5
	3+00		
E		7.4	326.7
+5		7.5	326.6
℄		7.4	326.7
W		7.4	326.7
	3+13		
℄ 8'Garage 1.5'Back W.L. Concrete Floor		7.39	326.74
	3+25		
W		7.7	326.4
℄		7.8	326.3

+5		7.8	326.3
E		7.9	326.2
	3+50		
E		8.4	325.7
+5		8.2	325.9
℄		8.1	326.0
W		8.3	325.8
	3+75		
W		8.9	325.2
℄		8.8	325.3
+5		8.9	325.2
E		8.6	325.5
	3+9V		
℄ 8'Garage 10'Back E.L. Concrete Floor		8.55	325.58
	4+00		
E		9.2	324.9
+5		9.2	324.9
℄		9.2	324.9
W		9.1	325.0
	4+25		
W		9.8	324.3
℄		9.7	324.4
+5		9.7	324.4
E		9.7	324.4

H.I. 334.13

4+50

E	10.3	323.8
+5	10.3	323.8
℄	10.2	323.9
W	10.3	323.8

4+75

W	11.0	323.1
℄	10.9	323.2
+5	10.8	323.3
E	10.6	323.5

5+00

E	10.9	323.2
+5	11.4	322.7
℄	11.5	322.6
W	11.2	322.9
T.P.	-10.90	323.23

+1.56

H.I. 324.79

5+25

W	2.3	322.5
℄	2.5	322.3
+5	2.4	322.4
E	2.4	322.4

5+40

℄ 5' Garage 1.5' Back EL. Dirt Floor 2.6 322.2 ✓

H.I. 324.79

5+50 P

E	2.7	322.1
+5	2.7	322.1
℄	2.7	322.1
W	2.7	322.1

5+75

W	3.7	321.1
℄	3.6	321.2
+5	3.3	321.5
E	3.3	321.5

5+90

E	3.6	321.2
+5	2.8	321.0
℄	4.2	320.6
W	3.7	321.1

5+99 = N.L. Myrtle

W Tp existing return	5.35	319.44
G	5.4	319.4
℄	5.4	319.4
+5	5.4	319.4
G	5.0	
E Tp existing return	4.98	319.81
B.M. N.W.B.P. Myrtle & 40th	-6.63	318.17

S.L. Myrtle = 0+00

E Tp existing return	5.58	319.21
G	5.6	

H.I. 324.79

+5		5.7	319.1
℄		5.8	319.0
G		5.8	
W Tp existing return		5.70	319.09
	0+25		
W		6.0	318.8
℄		5.7	319.1
+5		5.6	319.2
E		5.8	319.0
	0+50		
E		6.2	318.6
+5		6.2	318.6
℄		6.3	318.5
W		6.6	318.2
	0+75		
W		7.0	317.8
℄		6.9	317.9
+5		6.9	317.9
E		6.8	318.0
	1+00		
E		7.2	317.6
℄5		7.5	317.3
℄		7.6	317.2
W		7.5	317.3

	1+07		
℄ 2' Concrete Walk / in Alley from W.		7.34	317.45 ✓
	1+25		
W		8.0	316.8
℄		7.9	316.9
+5		8.0	316.8
E		7.9	316.9
	1+40		
℄ 12' Garage 2' Back W. Concrete Floor		8.04	316.75 ✓
	1+50		
E		8.6	316.2
+5		8.6	316.2
℄		8.5	316.3
W		8.6	316.2
	1+75		
Out 1' ℄ 2' Concrete Walk		9.15	315.64 ✓
W		9.2	315.6
℄		9.3	315.5
+5		9.1	315.7
E		9.3	315.5
	2+00		
E		9.6	315.2
+5		9.6	315.2
℄		9.6	315.2
W		9.8	315.0

H.I. 324.79

		2+08		
℄ 8'Garage 2'Back W.L.	Dirt Floor	10.2	314.6 ✓	
		2+25		
W		10.5	314.3	
℄		10.4	314.4	
+5		10.2	314.6	
E		10.1	314.7	
		2+50		
E		11.0	313.8	
+5		10.5	314.3	
℄		10.7	314.1	
W		11.0	313.8	
		2+75		
W		11.4	313.4	
℄		11.2	313.6	
+5		11.0	313.8	
E		11.2	313.6	
		2+82		
℄ 8'Garage 2'Back W.L.	Concrete Floor	11.03	313.76 ✓	
		3+00		
E		12.0	312.8	
+5		11.6	313.2	
℄		11.7	313.1	
W		11.7	313.1	
T.P.			-11.67	313.1 ✓
	+0.50	313.6 ✓		

H.I. 313.6 ✓

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	3+25		
W		1.5	312.1
℄		1.4	312.2
+5		1.1	312.5
E		1.2	312.4
	3+50		
E		2.1	311.5
+5		1.9	311.7
℄		2.3	311.3
W		2.4	311.2
	3+75		
W		3.0	310.6
℄		2.8	310.8
+5		2.8	310.8
E		2.8	310.8
	4+00		
E		3.3	310.3
+5		3.3	310.3
℄		3.1	310.5
W		3.4	310.2
	4+25		
W		3.9	309.7
℄		3.4	310.2
+5		3.6	310.0
E		3.9	309.7

H.I. 313.6 ✓

4+50

E	4.5	309.1
+5	4.6	309.0
℄	4.7	308.9
W	4.9	308.7

4+55

℄ 8' Garage - 8' Back EL. Concrete Floor	3.95	309.67 ✓

4+75

W	5.0	308.6
℄	5.0	308.6
+5	5.0	308.6
E	5.0	308.6

5+00

E	5.9	307.7
+5	5.5	308.1
℄	5.5	308.1
W	6.0	307.6

5+25

W	6.8	306.8
℄	6.6	307.0
+5	6.2	307.4
E	6.2	307.4

5+31

℄ 8' Garage 0.5' Back EL. Dirt Floor	6.4	307.2 ✓

5+50

E	6.6	307.0

H.I. 313.6 ✓

+5	6.6	307.0
℄	6.7	306.9
W	7.2	306.4

5+75

W	7.4	306.2
℄	7.8	305.8
+5	7.2	3064.6
E	7.3	307.3

5+99.5

E	7.5	306.1
+5	9.3	304.3
℄	10.0	303.6
+7	9.1	
W	7.8	305.8

5+99.5 = N.L. T horn

W - Tp existing Return	10.88	302.74
G.	11.0	
℄	10.7	302.9
+5	10.7	302.9
G.	10.4	
E - Tp existing return	10.57	303.25

S.L.T horn = 6+00

E - Tp existing return	11.12	302.50
G	11.4	
+5	11.4	302.2

H.I. 3136 ✓

℄		11.6	302.0
G		11.5	302.1
W-T p existing return		11.47	302.15
	0+05		
W		11.0	302.6
℄		11.4	302.2
+5		11.1	302.5
+8		10.0	
E		10.2 ✓	303.4
	0+25		
E		11.0	302.6
+5		11.2	302.4
℄		11.4	302.2
W		10.9	302.7
	0+50		
W		11.4	302.2
℄		11.6	302.0
+5		11.7	301.9
E		11.9	301.7
T.P			-11.52 302.11
	+4.83	H.I. 306.93	
	0+75		
E		5.0	301.9
+5		5.3	301.6
℄		5.2	301.3

H.I. 306.93

W		5.0	301.9
	1+00		
W		5.4	301.5
℄		5.5	301.4
+5		5.6	301.3
E		5.7	301.2
	1+25		
E		6.2	300.7
+5		6.2	300.7
℄		6.0	300.9
W		5.7	301.2
	1+50		
W		6.7	300.2
℄		6.7	300.2
+5		6.7	300.2
E		6.7	300.2
	1+75		
E		7.5	299.4
+5		7.5	299.4
℄		7.5	299.4
W		7.4	299.5
	2+00		
W		8.0	298.9
℄		8.2	298.7
+5		8.3	298.6

E		8.2	298.7
	2+05		
℄ 8' Garage 17' Back E.L. Concrete Floor		8.4	298.51
	2+25		
E		8.5	298.4
+5		8.2	298.7
℄		8.0	298.9
W		7.2	299.7
	2+50		
W		7.8	299.1
℄		7.6	299.3
+5		8.0	298.9
E		8.2	298.7
	2+75		
E		7.7	299.2
+5		7.4	299.5
℄		7.2	299.7
W		7.1	299.8
	3+00		
W		5.5	301.4
℄		5.7	301.2
+5		6.1	300.8
E		6.9	300.0

H.I. 306.93

	3+25		
E		5.0	301.9
+5		4.4	302.5
℄		4.2	302.7
W		4.3	302.6
	3+50		
W		2.2	304.7
℄		2.8	304.1
+5		3.0	303.9
E		3.6	303.3
	3+75		
E		2.6	304.3
+5		2.0	304.9
℄		1.8	305.1
W		2.4	304.5
	4+00		
W		1.6	305.3
℄		1.7	305.2
+5		2.0	304.9
E		2.4	304.5
	4+05		
℄ 8' Garage at E.L. Concrete Floor		2.19	304.74
	4+20		
℄ 8' Garage at E.L. Dirt Floor		6.4	300.5

H.I. 306.93

4+25

E	1.8	305.1
+5	1.6	305.3
℄	1.3	305.6
W	1.0	305.9

4+50

W	0.6	306.3
℄	0.9	306.0
+5	1.0	305.9
E	1.2	305.7

4+75

E	0.8	306.1
+5	0.4	306.5
℄	0.2	306.7
W	0.4	306.5
T.P		-0.07 306.86
	+3.49	

H.I 310.35

5+00

W	3.8	306.6
℄	3.3	307.1
+5	3.4	307.0
E	3.5	306.9

5+15

℄ 8' Garage 2.5' in alley from W.L. Ostrhor	4.1	306.3 ✓

H.I. 310.35

5+25

E	4.2	306.2
+5	4.0	306.4
℄	4.0	306.4
W	4.2	306.2

5+33

℄ 8' Garage 9' Back W.L. Concrete Floor 3.70		306.65 ✓

5+50

W	4.1	306.3
℄	4.1	306.3
+5	4.3	306.1
E	4.3	306.1

5+56

℄ 8' Garage 2.5' Back W.L. Concrete Floor 3.90		306.45 ✓

5+75

E	4.4	306.0
+5	4.2	306.2
℄	4.3	306.1
W	4.4	306.0
6+00 = N.L. Redwood - W.-Tp existing return		Curb in on N Redwood to W.L. Alley 305.36 ✓
G	5.0	"
℄	4.8	305.6
+5	4.8	305.6
E	4.8	305.6
B.M N.W.B.P. 40th + Redwood		-7.28 303.07
		Correct 302.97

Cross Section Mission Blvd.
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T.P.	55.90' N.NL. Alley 204	5.07	4.83	5.02	-0.24
	55.44' " " " " 203 } = ℄ SEAGIRT COURT			
E. cb.				5.10	-0.27
" Gut.				5.42	-0.59
℄ E. Pav.				5.23	-0.40
cb. B.				5.16	-0.33
Gut. B.				4.72	+0.11
E cb. + 19.4' = E edge E Pav.	E Twist.			4.00	+0.83
" " +24.5 = W " W " " "				4.01	+0.82
" " +36.5 = E " E " W "				4.00	+0.83
" " +41.5 = W " W " " "				4.06	+0.77
cb. A				4.68	+0.15
Gut. A				4.92	-0.09
℄ W Pav.				4.93	-0.10
W. Gut.				5.16	-0.33
" cb.	52.59' N. of ℄ SEAGIRT COURT on N.L.			4.53	+0.30
	52.44 " " " " " E } = 3' S.L. Alleys 207 & 208				61.15' Bet. cbs.
W cb.				4.60	+0.23
" Gut.				5.24	-0.41
℄ W Pav.				5.01	-0.18
Gut. A				4.97	-0.14
cb. A				4.64	+0.19
" B.				4.75	+0.08
Gut. B.				5.17	-0.34
℄ E Pav.				5.27	-0.44

E. Gut.	5.52	-0.69
" cb.	5.12	-0.29
S.E. top cb.	5.10	-0.27
" " " Pav.	5.61	-0.78
C " " } Alley 208	5.56	-0.73
E.G. " "	5.49	-0.66
N.E. " "	5.57	-0.74
" " top cb.	5.21	-0.38
3' N N.L. Alleys 207 & 208		61.0' Bet. cbs.
E cb.	5.16	-0.33
" Gut.	5.51	-0.68
℄ E. Pav.	5.26	-0.43
Gut. B.	5.16	-0.33
cb. B.	4.72	+0.11
" A	4.64	+0.19
Gut. A	4.96	-0.13
℄ W Pav.	5.00	-0.17
" Gut.	5.22	-0.39
" cb.	4.55	+0.28
N.W. top cb.	4.42	+0.41
" " " Pav.	4.48	+0.35
C " " Alley 207	4.76	+0.07
W.G. 25' S. ℄ Alley working Slump	5.31	-0.48
S.W. top cb.	4.56	+0.27
" " " Pav.	4.62	+0.21
55.5' N N.L. Alley 208 } = ℄ SUNSET COURT.		60.7' Bet. cbs.
55.5 " " " " 207		

W cb.	4.56	+0.27
" Gut.	5.18	-0.35
℄ W Pav.	4.95	-0.12
Gut. A	4.90	-0.07
cb. A	4.69	+0.14
W cb. + 19.2' = W edge W. Rail W Tract.	3.95	+0.88
" " + 24.35 = E " E " " "	4.08	+0.75
" " + 36.3' = W " W " E "	3.88	+0.95
" " + 41.5' = E " E " " "	4.00	+0.83
cb. B.	4.72	+0.11
Gut. B.	5.14	-0.31
℄ E Pav.	5.19	-0.36
E Gut.	5.43	-0.60
" cb.	5.12	-0.29
52.5' N. of ℄ Sunset ch. on E 52.3 " " " " " " W } = 3' S.S.L. Alleys 211 and 212		60.4' Bet. cbs.
E cb.	5.08	-0.25
" Gut.	5.50	-0.67
℄ E Pav.	5.21	-0.38
Gut. B.	5.13	-0.30
cb. B.	4.73	+0.10
" A	4.68	+0.15
Gut. A	4.76	-0.13
℄ W Pav.	5.01	-0.18
W. Gut.	5.24	-0.41
" top cb.	4.55	+0.28
S.W. top cb.	4.40	+0.43

S.W. top Pav.	4.48	+0.35
C " "	4.66	+0.17
W.G. in Grating Sump } 3' S ℄ Alley } Alley 212	5.29	-0.46
N.W. top Pav.	4.40	+0.43
" " " cb.	4.50	+0.33
		60.3' Bet. cbs.
3' N.N.L. Alleys 211 + 212		
W cb.	4.55	+0.28
" Gut.	5.34	-0.41
℄ W Pav.	5.01	-0.18
Gut. A	4.96	-0.13
cb. A	4.68	+0.15
" B.	4.75	+0.08
Gut. B.	5.15	-0.32
℄ E Pav.	5.21	-0.38
E Gut.	5.49	-0.66
" cb.	5.09	-0.26
N.E. top cb.	5.02	-0.19
" " " Pav.	5.56	-0.73
C " "	5.50	-0.67
E.G.	5.42	-0.59
S.E. top Pav.	5.57	-0.74
" " " cb.	5.02	-0.19
		60.3' Bet. cbs.
55.2' N.N.L. Alleys 211 + 212 = ℄ TANGIERS COURT.		
E cb.	5.05	-0.22
" Gut.	5.41	-0.58
℄ E Pav.	5.22	-0.39
Gut. B.	5.14	-0.31

4830

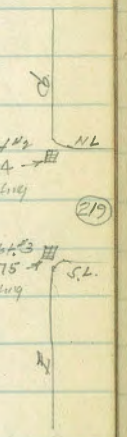
cb. B.		4.72	+0.11	
E cb. + 19.1' = E. edge E. Rail E. Track		4.03	+2.80	
" " + 24.5' = W " W " " "		3.77	+1.16	
" " + 36.2' = E " E " W "		4.05	+0.78	
" " + 41.3' = W " W " " "		3.75	+1.08	
cb. A		4.65	+0.18	
Gut. A		4.93	-0.10	
℄ W Pav		4.99	-0.16	
" Gut.		5.15	-0.32	
" cb.		4.58	+0.25	
T.P	5.065	4.563	0.267	60' Bet. cbs
	52.10' N. of ℄ Tangier ch. on W			
	52.14' " " " " " E	= 3' S.S.E. Alleys 215 + 216		
W cb.		5.06	+0.27	
" Gut		5.72	-0.33	
℄ W Pav		5.52	-0.19	
Gut. A		5.44	-0.11	
cb. A		5.16	+0.17	
" B.		5.22	+0.11	
Gut. B.		5.66	-0.33	
℄ E Pav.		5.75	-0.42	
E Gut		6.05	-0.72	
E cb.		5.59	-0.26	
SE. top cb.		5.62	-0.29	
" " " Pav		6.10	-0.77	
C " "	Alley 216	6.05	-0.72	
E.G. " "		6.01	-0.68	

533

NE. top Pav.	Alley 216	6.07	-0.74
" " " cb.		5.44	-0.11
3' N.N.E. Alleys 215		Rail 216	60' Bet. cbs
E cb.		5.56	-0.23
" Gut.		6.03	-0.70
℄ E. Pav.		5.75	-0.42
Gut. B.		5.66	-0.33
cb. B.		5.21	+0.12
" A		5.22	+0.11
Gut. A		5.48	-0.15
℄ W Pav.		5.54	-0.21
W Gut.		5.79	-0.46
" cb.		5.14	+0.19
NW. top cb.		5.09	+0.24
" " " Pav		5.14	+0.19
C " "		5.06	+0.27
1.8' S ℄ Alley W.G. on Grading Sump	Alley 215	5.84	-0.51
SW. top cb.		4.95	+0.38
" " " Pav.		5.02	+0.31
55.3' N.W.L. Alley 215		℄ Toulon Court.	60' Bet. cbs.
55.05' " " " 216			
W top cb.		5.09	+0.24
" Gut.		5.65	-0.32
℄ W. Pav.		5.46	-0.13
cb. A		5.44	-0.11
Gut. A		5.19	+0.14
W cb + 18.45' = W edge W. Rail W. Track		4.30	+1.03

W cb. +24.1 = 5 edge E Rail W Track	4.55	+0.78
" " +35.9 = W " W " E "	4.24	+1.09
" " +41.1 = E " E " " "	4.50	+0.83
cb. B	5.24	+0.09
Gut. B	5.65	-0.32
L E Pav.	5.71	-0.38
E. Gut.	5.94	-0.61
" cb.	5.55	-0.22
53.3' West & Toulon Ct. on W.	} = 3' S&L. Alleys 219 & 220	60' Bet. cbs.
52.06 " " " " " E		
E cb.	5.54	-0.21
" Gut.	6.02	-0.69
L E. Pav.	5.85	-0.52
Gut. B.	5.71	-0.38
cb. B.	5.29	+0.10
" A	5.19	+0.14
Gut. A	5.48	-0.15
L W Pav.	5.52	-0.19
W Gut.	5.79	-0.46
" top cb.	5.13	+0.20
SW. top cb.	4.88	+0.45
" " Pav.	5.01	+0.32
C " "	4.98	+0.35
W.G. on Grating Inlet #1 2' N of Alley	5.83	-0.50
N.W. top Pav.	4.99	+0.34
" " " cb.	5.04	+0.29
3' N.W.L. Alleys 219 and 220		Co' Bet. cbs

W cb.	5.16	+0.17
" Gut.	5.83	-0.50
L W Pav.	5.54	-0.21
Gut. A	5.45	-0.12
cb. A	5.20	+0.13
" B.	5.22	+0.11
Gut. B	5.69	-0.36
L. E. Pav.	5.74	-0.41
E Gut.	6.00	-0.67
" top cb.	5.61	-0.28
N.E. top cb.	5.41	-0.08
" " " Pav.	6.07	-0.74
C " "	5.97	-0.64
E.G. " "	6.00	-0.67
S.E. top cb.	5.27	+0.06
" " " Pav.	6.00	-0.67
55.4 N.W.L. Alley 220	} = VANITIE COURT.	Co' Bet. cbs.
55.14 " " " " 219		
E cb.	5.62	-0.29
" Gut.	5.95	-0.62
L E Pav.	5.73	-0.40
Gut. B.	5.68	-0.35
cb. B.	5.23	+0.10
E cb. 188.5 = E edge E Rail E Track	4.53	+0.80
" " +24.0 = W " W " " "	4.19	+1.14
" " +36.0 = E " E " W "	4.58	+0.75
" " +41.5 = W " W " " "	4.24	+1.09



5.33

cb. A	5.22	+0.11
Gut. A	5.46	-0.13
E.W. Pav.	5.48	-0.15
" Gut.	5.66	-0.33
W cb.	5.07	+0.26
5.35 N. of E Van Ness Ave. on W.		
5.36 " " " " " E } 3' S.L. Alleys	5.53 + 2.84	
W cb.	5.06	+0.27
" Gut.	5.74	-0.41
E.W. Pav.	5.52	-0.19
Gut. A	5.46	-0.13
cb. A	5.16	+0.17
" B.	5.24	+0.09
Gut. B.	5.63	-0.30
E B Pav.	5.74	-0.41
E. Gut.	6.00	-0.67
" cb.	5.57	-0.24
S.E. top cb.	5.47	-0.14
" " " Pav.	6.10	-0.77
" " "	6.02	-0.69
E.G. " " } Alley 224	5.95	-0.62
N.E. top cb.	5.61	-0.28
" " " Pav.	6.07	-0.74
3' N.S.L. Alleys. 2.83 + 2.24		
E cb.	5.54	-0.21
" Gut.	6.01	-0.68
E E Pav.	5.75	-0.42

60.2' Bet. cbs.

Inlet #2 W Grading = -0.69

Inlet #1 W Grading = -0.73

5.33

Gut. B.	5.65	-0.32
cb. B.	5.23	+0.10
" A	5.17	+0.14
Gut. A	5.49	-0.16
E.W. Pav.	5.54	-0.21
W. Gut.	5.77	-0.44
" top cb.	5.11	+0.22
N.W. top cb.	4.94	+0.39
" " " Pav.	4.94	+0.39
C " "	5.01	+0.32
27.5' S. Alley W.G. Grading Inlet } Alley 223	5.81	-0.48
S.W. top cb.	4.84	+0.49
" " " Pav.	4.92	+0.41
50.2' N. N.L. Alley 223		
50.1' " " " 224 } 5 Line San Rafael Pl. 60.3' Bet. cbs.		
Inclines from East.		
S.E. top cb.	5.41	-0.08
" " " Pav.	5.53	-0.20
E. cb. on Pav.	5.92	-0.59
E. E. Pav.	5.73	-0.40
E cb. + 12½' = toe Gross over.	5.68	-0.35
" " + 18.95' = E. edge E. Pav. E. Track	4.50	+0.83
" " + 24.95' = W " W " " "	4.19	+1.14
" " + 36.05' = E " E " W "	4.59	+0.74
" " + 41.3' = W " W " " "	4.28	+1.05
" " + 47.3' = toe Gross over.	5.38	-0.05
E W Pav.	5.41	-0.08
W. cb. on Pav.	5.62	-0.29

S.W. top cb.	5.06	+0.27
" " Pav.	5.13	+0.20
C " "	5.11	+0.22
W.G.	5.60	-0.27

N.L. SAN RAFAEL PL. 60.8' Bet. cbs.

N.W. top cb.	5.02	+0.31
" " Pav.	5.08	+0.25
W. cb. on Pav.	5.64	-0.31
℄ W. Pav.	5.44	-0.11
W. cb. + 13' = toe Cross over	5.45	-0.12
" " +19.3' = W. edge W. Rail, W. Track.	4.30	+1.03
" " +24.5' = E. " " " "	4.57	+0.76
" " +36.5' = W. " W. " E. "	4.21	+1.12
" " +41.75' = E. " E. " " "	4.32	+0.81
" " +48' = toe Cross over.	5.67	-0.34
℄ E. Pav.	5.70	-0.37
E cb. on Pav.	5.88	-0.55
N.E. top cb.	5.43	-0.10
" " " Pav.	5.48	-0.15
C " "	5.47	-0.14
E.G. " "	5.88	-0.55
P.C.' top cb. } 3'55L.	5.08	+0.25
P.C.' " Pav. }	5.64	-0.31
P.C.^{2} " " } d' = 9.0'	5.41	-0.08
P.C.^{2} " cb. }	5.16	+0.17

P.C.^{3} top cb. } d^2 11.0'	5.19	+0.14
P.C.^{3} " Pav. }	5.65	-0.32
P.C.^{4} " " } 3'55L.	5.96	-0.63
P.C.^{4} " cb. }	5.56	-0.23
P.C.^{5} " " } 3' N.N.L.	5.47	-0.14
P.C.^{5} " Pav. }	5.89	-0.56
P.C.^{6} " " } d3 = 10.0	5.64	-0.31
P.C.^{6} " cb. }	5.16	+0.17
P.C.^{7} " " } d4 = 13.0'	5.10	+0.23
P.C.^{7} " Pav. }	5.39	-0.06
P.C.^{8} " "	5.68	-0.15
P.C.^{8} " cb.	5.12	+0.21
47.7' N.N.L. San Rafael Pl. on E } -3' 55L. Alleys 227 + 228		61.0' Bet. Cbs.
47.5' " " " " " W }	5.48	-0.15 0.134=BM NE. San Rafael Pl. Book 1844-12
486.3		
T.P. on B.M. 4.73	4.59	+0.14
W. cb.	5.15	-0.42
" Gut.	4.89	-0.16
℄ W. Pav.	4.83	-0.10
Gut. A	4.54	+0.19
cb. A	4.55	+0.18
" B.	5.06	-0.33
Gut. B.	5.18	-0.45
℄ E. Pav.	5.40	-0.67
E Gut.	4.93	-0.20
E cb.	4.87	-0.14
S.E. top cb. } Alley 227	5.40	-0.67
" " Pav. }		

4.73

C top Pav.	5.31	-0.58	
E.G. " "	5.39	-0.66	
N.E. " "	5.34	-0.61	
" " " cb.	5.00	-0.27	
3' N.N.W. Alley s. E27	+2.28	61.4' Bet. cbs	
E cb.	5.04	-0.31	
" Gut.	5.41	-0.68	
S. E. Pav.	5.21	-0.48	
Gut. B.	5.11	-0.38	
Cb. B.	4.60	+0.13	
cb. A	4.54	+0.19	
Gut. A	4.84	-0.11	
S. W. Pav.	4.89	-0.16	
W. Gut.	5.15	-0.42	
" cb.	4.50	+0.23	
N.W. top cb.	4.36	+0.37	Alley 228
" " " Pav.	4.45	+0.28	
C " " = Bm. M.H. 1'S & Alley.	4.48	+0.25	
W.G. on Grating Sump	5.19	-0.36	
S.W. top Pav.	4.47	+0.26	
" " " cb.	4.87	+0.36	
56.6' N.N.W. Alley 227 / 56.0' " " " 228	-1	VENICE COURT	61.7' Bet. cbs
W cb.	4.73	0.00	
" Gut.	5.19	-0.36	
S W Pav.	5.01	-0.28	
Gut. A	4.94	-0.21	

4.73

cb. A	4.61	+0.12	
W.cb. + 19.6' = W. edge W. Rail W Track.	3.87	+0.86	
" " + 24.83' = E " E " " "	4.13	+0.60	
" " + 37.05' = W " W " E "	3.74	+0.99	
" " + 42.3' = E " E " " "	4.09	+0.64	
cb. B.	4.65	+0.08	
Gut. B.	5.22	-0.49	
S. E. Pav.	5.29	-0.56	
E. Gut.	5.56	-0.83	
E cb.	5.09	-0.36	
53.1' N. of S Venice Ct. on E / 53.3' " " " " " " W	3' S.S.W. Alley B31 + B32.	62.10' Bet. cbs	
E cb.	5.31	-0.58	
" Gut.	5.76	-1.03	
S E Pav.	5.48	-0.75	
Gut. B.	5.28	-0.55	
cb. B.	4.72	-0.01	
" A	4.66	+0.07	
Gut. A	4.94	-0.21	
S W. Pav.	5.00	-0.27	
W Gut.	5.25	-0.52	
" cb.	4.82	-0.09	
N.W. top cb.	4.59	+0.14	Alley 231
" " " Pav.	4.66	+0.07	
C " " 23' South S Alley	4.67	+0.06	
W.G. on Grating Sump	5.32	-0.59	
S.W. top cb.	4.74	-0.01	
" " " Pav.	4.67	+0.06	

Notes for Section 3' N.N.L. Alleys 231 & 232 See P-55

57' N. N.L. Alley 231
5733 " " " 232 } -& VERONA COURT.

This Section from West.

W cb.	4.98	-0.25
" Gut.	5.40	-0.67
& W Pav.	5.14	-0.41
Gut. A	5.05	-0.32
cb. A.	4.70	+0.03
W. cb. +20.3' = W edge W Rail W Track.	3.97	+0.76
" " +254' = E. " E " " "	4.24	+0.49
" " +377 = W " W " E "	3.93	+0.80
" " 4305 = E " E " E "	4.18	+0.55
cb. B.	4.73	0.00
Gut. B.	5.32	-0.59
& E. Pav.	5.41	-0.68
E. Gut.	5.64	-0.91
" cb.	5.27	-0.54
545 N. of & Verona ct. on W } 5483 " " " " " E }	= 3' SSL. Alleys 234 + 235	
E cb.	5.40	-0.67
" Gut.	5.79	-1.06
& E. Pav.	5.47	-0.74
Gut. B.	5.22	-0.49
cb. B.	4.72	+0.01
" A	4.66	+0.07
Gut. A	5.10	-0.37
& W. Pav.	5.19	-0.46
W Gut.	5.46	-0.73

W cb.	5.08	-0.35
SW. top cb.	4.98	-0.25
" " " Pav.	4.98	-0.25
C " " } Alley 235	4.93	-0.20
WG. " " }	5.50	-0.77
NW. top cb. }	4.75	-0.02
" " " Pav. }	4.83	-0.10
3' N. N.L. Alleys 231 + 232		
W cb.	4.81	-0.08
" Gut.	5.28	-0.55
& W Pav.	5.02	-0.29
Gut. A	4.95	-0.22
cb. A	4.65	+0.08
" B.	4.69	+0.04
Gut. B.	5.29	-0.56
& E. Pav.	5.46	-0.73
E. Gut.	5.81	-1.08
" cb.	5.22	-0.49
NE. top cb.	5.10	-0.37
" " " Pav.	5.90	-1.17
C " "	5.72	-0.99
EG. " "	5.74	-1.01
SE " "	5.85	-1.12
" " " cb.	5.19	-0.46

3' N.N.L. Alleys 234 + 235

W top cb.	5.04	-0.31
" Gut.	5.55	-0.82
℄ W Pav.	5.27	-0.54
Gut. A	5.12	-0.39
cb. A	4.68	+0.05
" B.	4.70	+0.03
Gut. B.	5.21	+0.48
℄ E Pav.	5.45	-0.72
E Gut.	5.81	-1.08
E cb. PC = 11.3' N NL Alley	5.42	-0.70
N.E. top cb.	5.24	-0.51
" " " Pav.	5.90	-1.17
C " "	5.86	-1.13
E.G. " "	5.73	-1.00
S.E. " "	5.87	-1.14
" " " cb.	5.18	-0.45
Inlet #1 = on Grating on PC Alley 235'	5.52	-0.79
" #2 = 5.4' N NL. Alley	5.88	-1.15
" #3 = 1' N St. "	5.87	-1.14
57.68' N.NL. Alley 234 / 58.17 " " " 235 } = ℄ WHITING Court.	6445' Bet. cbs.	
E cb.	5.32	-0.59
" Gut.	5.62	-0.89
℄ E Pav	5.36	-0.63
Gut. B.	5.20	-0.47
cb. B.	4.73	0.00

E cb. + 20.3' = E edge E Bal. E Track	4.28	+0.45
" " + 25.9' = W " W " " "	4.22	+0.51
" " + 38.45' = E " E " W "	4.29	+0.44
" " + 44.0' = W " W " " "	4.14	+0.59
cb. A	4.68	+0.05
Gut. A	5.18	-0.45
℄ W Pav	5.30	-0.57
W Gut.	5.64	-0.91
" cb.	5.17	-0.44
56.03' N. of ℄ Whiting ct. on W. / 55.75 " " " " " E } = 3' S. Shore Alleys. 64.6' Bet. cbs.		
T.P. 1.86 3.55	3.04	1.69
W top cb.	4.16	-0.61
" Gut.	1.56	-1.01
℄ W. Pav.	4.23	-0.68
Gut. A	4.07	-0.52
cb. A	3.56	-0.01
" B.	3.60	-0.05
Gut. B.	4.05	-0.50
℄ E. Pav.	4.24	-0.69
E. Gut.	4.62	-1.07
" cb.	4.20	-0.65
S.E. top cb. Finish Baker off	—	
" " " Pav.	4.72	-1.17
C " " Alley 239	4.59	-1.04
E.G. " "	4.57	-1.02
N.E. top cb.	3.88	-0.33

Alley 238 W / 239 SW
60 Fire Hydt.

N.E. top Pav.	4.64	-1.09
	63.8' Bet. cbs.	
3' N.N.L. Alley s. 238 And 239		
E. cb.	4.21	-0.66
" Gut.	4.60	-1.05
L.E. Pav.	4.28	-0.73
Gut. B.	4.06	-0.51
cb. B.	3.65	-0.10
" A	3.56	-0.01
Gut. A	4.12	-0.57
L. W. Pav.	4.24	-0.69
W. Gut.	4.60	-1.05
" cb.	4.00	-0.45
N.W. top cb.	3.88	-0.33
" " " Pav.	3.98	-0.43
C " "	4.02	-0.47
W.G. " Inlet. (Alley 238)	4.61	-1.06
S.W. top cb.	3.98	-0.43
" " " Pav.	3.90	-0.35
62.9' Bet. cbs.		
45.45' N.N.L. Alley 238 & 64.1 = L Windimere court.		
W. cb.	3.94	-0.39
" Gut.	4.50	-0.95
L S.W. Pav.	4.22	-0.67
Gut. A	4.08	-0.53
cb. A	3.59	-0.04
W. cb. + 19.85' = W. edge W. Rail W. Track.	3.06	+0.49
" " + 25.3' = E. " E. " " "	2.94	+0.61

W cb. + 37.6' = W. edge W. Rail E. Track.	3.08	+0.47
" " + 43.2' = E. " E. " " "	2.91	+0.64
cb. B.	3.52	-0.07
Gut. B.	4.08	-0.53
L.E. Pav.	4.23	-0.68
E. Gut.	4.50	-0.95
" cb.	4.17	-0.62
61.9' Bet. cbs.		
56.35 N. of L Windimere ct. on W. 57.4 " " " " " E. = 3' S.S.L. Alley s. 240 + 241		
E. cb.	4.24	-0.69
" Gut.	4.65	-1.10
L.E. Pav.	4.32	-0.77
Gut. B.	4.12	-0.57
cb. B.	3.67	-0.12
" A	3.64	-0.09
Gut. A	4.02	-0.47
L.W. Pav.	4.10	-0.55
W. Gut.	4.37	-0.82
" cb.	3.92	-0.37
S.W. top cb.	3.77	-0.22
" " " Pav.	3.81	-0.26
C " "	3.86	-0.31
W.G. " Grating Sump (1.6' S of Alley 241)	4.35	-0.80
S.W. " Pav.	3.80	-0.25
" " top cb.	3.80	-0.25
61.7' Bet. cbs.		
3' N.N.L. Alley s. 241 + 240		
W. cb.	3.78	-0.23

W. Gut.	4.30	-0.75
S.W. Pav.	4.03	-0.48
Gut. A	4.00	-0.45
cb. A	3.61	-0.06
" B.	3.68	-0.13
Gut. B.	4.14	-0.59
S.E. Pav.	4.29	-0.74
E. Gut.	4.63	+1.08
" cb.	4.32	-0.77
N.E. top cb.	4.11	-0.56
" " " Pav.	4.73	-1.18
C " "	4.63	+1.08
E.G. " " } Alley E40	4.57	-1.01
S.E. " "	4.69	-1.14
" " " cb. Finish Broken up		
59.35' N. N.L. Alley 240 } 61.05' Bet. cbs.		
58.92' " " " " 241 } = S YARMOUTH COURT.		
E cb.	4.20	-0.65
" Gut	4.54	-0.99
S.E. Pav.	4.24	-0.69
Gut. B.	4.13	-0.58
cb. B.	3.69	-0.14
E cb. +19.3' = E edge E. Rail E Trk.	2.84	+0.71
" " +24.55' = W " W " " "	3.20	+0.35
" " +36.6' = E " E. " W "	2.85	+0.70
" " +41.85' = W " W " " "	3.22	+0.33
cb. A	3.66	-0.11

Gut. A	3.97	-0.42
S.W. Pav.	3.96	-0.41
W. Gut.	4.13	-0.58
" top cb.	3.70	-0.15
55.18' N. of S Yarmouth ct. on W. = 3' S.L. Alley 244		60.5' Bet. cbs.
55.23' " " " " E = 3' " " " 344 Produced		
N cb.	3.80	-0.25
" Gut.	4.28	-0.73
S.W. Pav.	3.98	-0.43
Gut. A	3.95	-0.40
cb. A	3.69	-0.14
" B	3.75	-0.20
Gut. B.	4.15	-0.60
S.E. Pav.	4.18	-0.63
E. Gut.	4.41	-0.86
E cb.	4.13	-0.58
3' N.N.L. Alley # 244 Produced.		60.4' Bet. cbs.
E cb.	4.15	-0.60
" Gut	4.41	-0.86
S.E. Pav.	4.20	-0.65
Gut. B.	4.15	-0.60
cb. B.	3.74	-0.19
" A	3.71	-0.16
Gut. A	4.01	-0.46
S.W. Pav.	4.07	-0.52
W. Gut.	4.33	-0.78
" cb.	3.78	-0.23

3.55

S.W. top cb.	3.68	-0.13
" " " Pav.	3.77	-0.22
N.W. top cb.	3.66	-0.11
" " " Pav.	3.75	-0.20
C " "	3.76	-0.21
1.6'S & Alley		
W.G. Gutter Sump	4.34	-0.79
58.57' N.N.L. Alley 245 on W.		
59.4' " " " Alley 245 Produced on E } = & YORK COURT.		60.15' Bet. cbs.
W. cb.	3.78	-0.23
" Gut.	4.38	-0.83
& W. Pav.	4.11	-0.56
Gut. A	1.08	-0.53
cb. A	3.72	-0.17
W. cb. + 18.6' = W. cope W. Rail W. Track.	3.31	+0.24
" " + 24.1' = E. " E. " " "	2.88	+0.67
" " + 36.0' = W. " W. " E. "	3.28	+0.27
" " + 41.7' = E. " E. " " "	2.86	+0.69
cb. B.	3.72	-0.17
Gut. B.	4.17	-0.62
& E. Pav.	4.24	-0.69
E. Gut.	4.44	-0.89
" cb.	4.15	-0.60
54.83' N. of & York ct. on W.		
57.1' " " " ct. Produced on E } = 3' S. & L. 245		
E. cb.	4.30	-0.75
" Gut.	4.60	-1.05
& E. Pav.	4.38	-0.83
Gut. B.	4.28	-0.73
cb. B.	3.83	-0.28
" A	3.82	-0.27

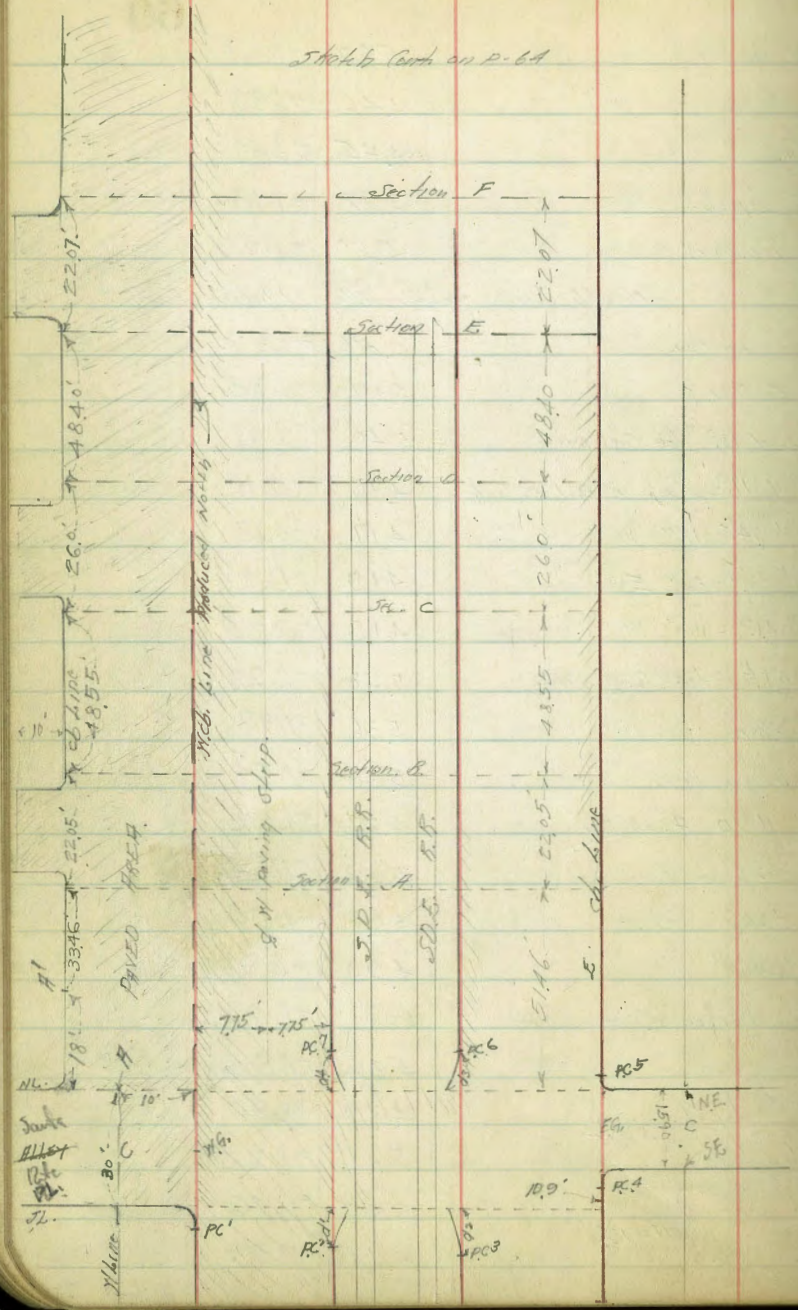
3.55

59

Gut. A	4.15	-0.60
& W. Pav.	4.23	-0.68
W. Gut.	4.44	-0.89
" cb.	3.90	-0.35
S.W. top cb.	3.77	-0.22
" " " Pav.	3.85	-0.30
C " "	3.92	-0.37
1.6'S & Alley		
W.G. on Gutter Sump	4.44	-0.89
N.W. top cb.	3.94	-0.39
" " " Pav.	4.03	-0.48
3' N. N.L. Alley 245		60.1' Bet. cbs.
N. cb.	3.94	-0.39
" Gut.	4.48	-0.93
& W. Pav.	4.28	-0.73
Gut. A	4.27	-0.72
cb. A	3.85	-0.30
" B.	3.87	-0.32
Gut. B.	4.32	-0.77
& E. Pav.	4.40	-0.85
E. Gut.	4.63	-1.08
" cb.	4.36	-0.81
T.P. 4.20 3.99	3.76	-0.21
57.59' N. N.L. Alley 245 on W.		60.15' Bet. cb.
59.78 " " " " 245' Produced on E. } = & ZANZIBAR COURT.		
E. cb.	4.99	-0.94
" Gut.	5.71	-1.22
& E. Pav.	5.15	-1.06

Gut. B	4.97	-0.98
cb. B.	4.51	-0.52
E cb. + 19.05 = E. edge E. Rail E. Track.	3.65	+0.34
" " + 24.15 = W " W " " "	3.88	+0.11
" " + 36.10 = E " E " W "	3.64	+0.35
" " + 41.2' = W " W " " "	3.90	+0.09
cb. A	4.51	-0.52
Gut. A	4.81	-0.82
E W. Rail.	4.89	-0.90
W. Gut.	5.09	-1.10
" cb. 37.51' N. of E Zero 31 Bar set on W.	4.60	-0.61
= South line of ~~South~~ Alley Santa Rita Ct.	Extreme 30'	
W. top cb. Broken up.	~~4.88~~	
" " " Pav.	4.88	-0.89
W cb. on Pav.	5.24	-1.25
E W Pav.	5.11	-1.12
W. cb. + 13.0 = toe Cross over.	5.08'	-1.09
" " + 19.05' = W edge W Rail W Track.	4.08	-0.09
" " + 24.2' = E " E " " "	4.02	-0.03
" " + 36.05' = W " W " E "	4.00	-0.01
" " + 41.2' = E " E " " "	3.88	+0.11
" " + 47.2 = toe Cross over.	5.29	-1.30
E E Pav.	5.30	-1.31
E. Gut.	5.44	-1.45
" top cb.	5.08	-1.09
SE. " "	5.23	-1.24

SE. Top Pav.	5.60	-1.61
C " "	5.46	-1.47
E G. " "	5.45	-1.46
N.E. top cb.	5.17	-1.18
" " Top. Pav.	5.50	-1.51
North line ~~Santa Rita Ct.~~ Alley / Mission Beach.		
E cb. on Pav.	5.56	-1.57
E E. Pav.	5.37	-1.38
E cb. + 13.0' = toe Cross over.	5.40	-1.41
" " + 19.0' = E. edge E. Rail E. Track.	4.10	-0.11
" " + 24.2' = W " W " " "	4.17	-0.18
" " + 36.05 = E " E " W "	4.19	-0.20
" " + 41.2' = W " W " " "	4.19	-0.20
" + 47.4 = toe Cross over.	5.28	-1.29
E W Pav.	5.36	-1.37
W cb. on Pav.	5.53	-1.54
" " + 10 = A. on Pav.	5.21	-1.22
" " + 20' on Pav.	5.53	-1.54
" " + 20' " cb.	5.05	-1.06
" " + 30 " "	4.90	-0.91
C. on Pav. on W. Line = E Alley	5.06	-1.07
W G. " "	5.35	-1.36
PC' top cb. } 3'55 L.	4.79	-0.80
PC' " Pav. }	5.21	-1.22
PC2 " " } dl = 13.2'	5.05	-1.06
PC2 " cb. }	4.78	-0.79



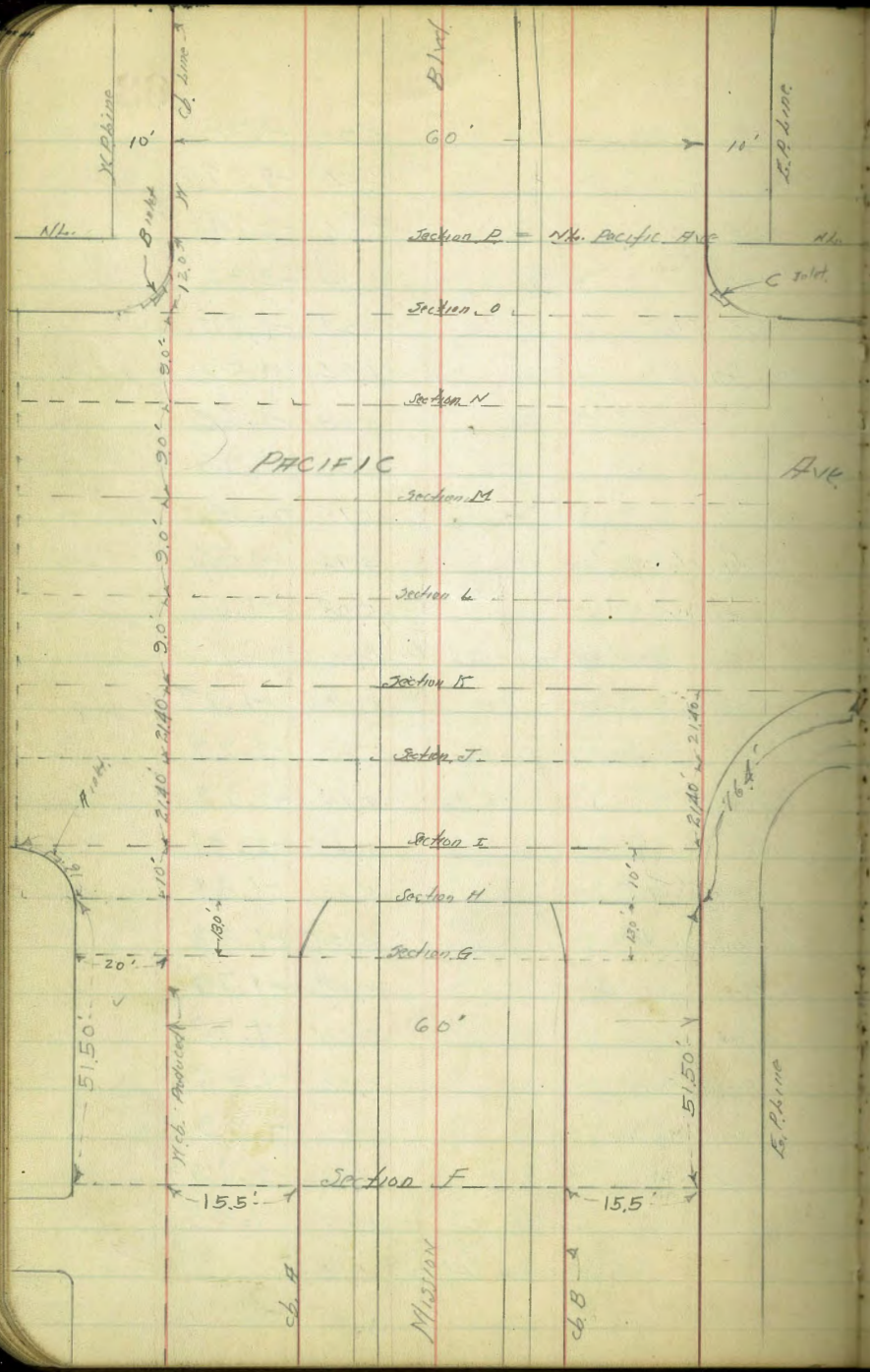
PC³ top cb. } d2=11.3'	4.77	-0.78
PC³ " Pav. }	5.24	-1.25
PC⁴ " "	5.50	-1.51
PC⁴ " cb. } 18.9' south of N.L. Hilly	5.09	-1.10
PC⁵ } top cb.	5.22	-1.23
PC⁵ } = 3' N.N.L.		
PC⁵ top Pav.	5.60	-1.61
PC⁶ top Pav. } d3=10.5	5.42	-1.43
PC⁶ " cb }	4.96	-0.97
PC⁷ " " } d4=10.7'	4.97	-0.98
PC⁷ }	5.30	-1.31
A' top cb.	5.31	-1.32
A' " Pav.	5.79	-1.80
cbk. on S.W. N.E. Cor Hilly 349 Book 1311-17	5.21	-1.220
		1.20 V / 0.016 = 8%
4.62	3.42	-1.204 = 8%
Section A = 80.3' bet. cbs.		
N.cb. - 20' = top cb.	4.70	-1.28
" " - 20' on Gut.	5.23	-1.81
" " - 10' " Pav.	5.20	-1.78
N.cb. Line on Pav.	5.18	-1.76
S.W. Pav.	4.88	-1.46
Gut. A	1.82	-1.40
cb. A	4.50	-1.08
" B.	4.54	-1.12
Gut. B.	4.89	-1.77 1.41
S.E. Pav.	4.95	-1.83

E. Gut.	5.09	-1.67
E cb.	4.73	-1.31
Section B. = 80.15' Bet. cbs.		
E cb.	4.74	-1.32
" Gut.	5.12	-1.70
℄ E. to Pav.	4.96	-1.54
Gut. B.	4.94	-1.52
cb. B.	4.60	-1.18
" A	4.55	-1.13
Gut. A	4.86	-1.44
℄ W Pav.	5.00	-1.58
W cb. on Pav.	5.20	-1.78
+ 10' " "	5.32	-1.90
+ 20' " "	5.31	-1.89
+ 30' " cb.	4.76	-1.34
N.W. top "	4.39	-0.97
" " " Pav.	4.47	-1.05
C " "	4.86	-1.44
W.G. " "	5.28	-1.86
S.W. " cb.	4.54	-1.12
" " " Pav.	4.62	-1.20
Section C = 80.25' Bet. cbs.		
W cb. – 20' on top cb.	4.92	-1.50
" " – 20' " Gut. Pav.	5.48	-2.06
" " – 10' " Pav.	5.42	-2.00
W. cb. on "	5.26	-1.84

℄ W Pav.	5.04	-1.62
Gut. A	4.96	-1.54
cb. A	4.72	-1.30
" B.	4.70	-1.28
Gut. B	5.08	-1.66
℄ E. Pav.	5.04	-1.62
E. Gut.	5.18	-1.76
E. cb.	4.75	-1.33
Section D	80.10' Bet. cbs.	
E cb.	4.82	-1.40
" Gut.	5.26	-1.84
℄ E Pav.	5.10	-1.68
Gut. B.	5.10	-1.68
cb. B.	4.74	-1.32
E. cb. + 18.9' = E. edge S. Rail E. Track	4.03	-0.61
" " + 24.05 = W " W " " "	4.06	-0.64
" " + 35.86 = E " E " W "	4.12	-0.70
" " + 41.0 = W " W " " "	4.07	-0.65
cb. A	4.81	-1.39
Gut. A.	5.01	-1.59
℄ W. Pav.	5.12	-1.70
W cb. on Pav.	5.34	-1.92
" " + 10' " "	5.50	-2.08
" " + 20' on Gut.	5.57	-2.15
" " + 30 " top cb.	4.99	-1.57
N.W. " "	4.75	-1.33

NW. top Pav.	4.75	-1.33
C " "	4.96	-1.54
W.G. " "	5.53	-2.11
SW. " "	4.63	-1.21
" " " cb.	4.59	-1.17
Section E. 80.2' Bet. cbs.		
W cb. - 20' on cb.	5.18	-1.76
" " - 20' " Gut. Pav.	5.70	-2.28
" " - 10' " Pav.	5.62	-2.20
W cb " "	5.41	-1.99
E.W. Pav.	5.17	-1.75
Gut. A	5.10	-1.68
cb. A	4.97	-1.55
Cb. B.	4.89	-1.47
Gut. B.	5.21	-1.79
E. E. Pav	5.24	-1.82
E. Gut.	5.10	-1.98
" cb.	4.91	-1.49
Section F = 80.20' Bet. cbs.		
E. cb.	4.92	-1.50
" Gut.	5.43	-2.01
E. E. Pav.	5.30	-1.88
Gut. B.	5.25	-1.83
cb. B.	4.98	-1.56
" A	5.02	-1.60
Gut A	5.16	-1.74

E.W. Pav.	5.20	-1.78
W cb. on Pav.	5.41	-2.02
" " +10 on Pav.	5.66	-2.24
" " +20 " "	5.74	-2.32
" " +20 " cb.	5.21	-1.79
NW. top cb.	4.94	-1.52
" " " Pav.	5.08	-1.66
C " "	5.35	-1.93
W.G. " "	5.75	-2.33
SW. top. cb.	4.98	-1.56
" " " Pav.	5.08	-1.66
Section G. = 80.05' Bet. cbs.		
W cb. - 20' on top cb.	5.19	-1.77
" " - 20' " " Pav.	5.71	-2.29
" " - 10' " " "	5.64	-2.22
W cb. " "	5.43	-2.01
" " +7.75' "	5.23	-1.81
cb. Gut A.	5.25	-1.83
" A	5.12	-1.70
" B.	5.12	-1.70
Gut. B on Pav.	5.37	-1.95
" " +7.75' on Pav.	5.41	-1.99
E. Gut.	5.55	-2.13
" cb.	5.10	-1.68
Section H = 80' Bet. cbs.		
E. cb.	5.18	-1.76



E. Gut.	5.59	-2.17
" cb. + 7.75' on Pav.	5.23	-1.81
" + 15.5' " "	4.88	-1.46
" " + 18.85' = E. edge E. Pav. / E. Track	4.41	-0.99
" " + 24.0' = W " W " " "	4.44	-1.02
" " + 35.79' = E. " E. " W "	4.31	-0.89
" " + 40.9' = W " W " " "	4.36	-0.94
" " + 52.25' on Pav.	5.11	-1.69
W cb. " Pav.	5.49	-2.07
" " + 10' on Pav.	5.55	-2.13
" " + 20' " Pav.	5.77	-2.35
" " + 20' " cb.	5.09	-1.67
Section I. = 80' Bet. Prop Lines		
W. Prop. Line - 20' on top cb. = E.C. Return	5.08	-1.66
" Prop Line - 20' " " Pav. = " "	5.91	-2.49
on Grating Inlet A	5.79	-2.37
W Line - 10' on Pav.	5.59	-2.17
" Line " "	5.41	-1.99
" " + 10' " "	5.45	-2.03
" " + 17.75' " "	4.94	-1.52
" " + 29.0 " "	4.34	-0.92
& " "	4.30	-0.88
" + 4' " "	4.68	-1.26
" + 22.35' "	5.10	-1.68
E. cb. on Pav.	5.62	-2.20
E. + 0.4 = of cb. on Pav.	5.63	-2.21
+ of on top cb.	5.25	-1.83

Section J.

Note: Sections From J. to P. Inclusive = 80's st: 10 chs / 15 / 25.

E.b. +7.4' top cb.	5.26	-1.84
" " +7.4' " Pav.	5.68	-1.26
E.cb. on Pav	5.25	-1.83
E ¼ " "	4.39	-0.97
+1 " "	4.38	-0.96
+9.3 " "	4.44	-1.02
℄ " "	4.33	-0.91
+11.5 " "	4.36	-0.94
W ¼ " "	4.35	-0.93
+10.7 " "	4.91	-1.49
W cb. " "	4.83	-1.41
W.L. " "	4.83	-1.41
+20' " " W.edge	4.95	-1.53

Section K.

W-20' " "	4.50	-1.08
W.L. " "	4.44	-1.02
W cb. " "	4.40	-0.98
" ¼ on "	4.38	-0.96
℄ " "	4.38	-0.96
+11' " "	4.49	-1.07
½ " "	4.42	-1.00
E cb. " Pav.	4.82	-1.40
E.L. " "	5.11	-1.69
" " +10 " " Pav.	5.90	-2.48
" " +10' " cb.	5.05	-1.63

Section L.

E.L.-10' top Pav.	5.42	-2.00
E.L. " "	5.02	-1.60
" cb. " "	4.81	-1.39
E ½ " "	4.53	-1.11
℄ " "	4.40	-0.98
+5' " "	4.35	-0.93
W ½ " "	4.35	-0.93
W cb. " "	4.30	-0.88
W.L. " "	4.35	-0.93
+20' " "	4.42	-1.00

Section M. = ℄ Pacific Ave.

W.L.-20' top Pav.	4.38	-0.96
W.L. " "	4.38	-0.96
" cb. " "	4.32	-0.90
" ¼ " "	4.32	-0.90
℄ " "	4.39	-0.97
½ " "	4.56	-1.14
E cb. " "	4.84	-1.42
E.L. " "	5.00	-1.58
+40' " "	5.21	-1.79

Section N

E.L.-10' top Pav.	5.16	-1.74
E.b. " "	5.16	-1.74
E cb. " "	5.02	-1.60
E ¼ " "	4.56	-1.14

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E ℄ +8' on Pav.	4.54	-1.12
℄ " "	4.38	-0.96
℄ " "	4.35	-0.93
W cb. " "	4.53	-1.11
W.L. " "	4.62	-1.20
+20 " "	4.44	-1.02
Section O = W cb. Line Pacific Ave.		
W.L. -20' on top cb.	3.93	-0.51
" " -20' " Pav.	4.57	-1.15
W.L. " "	5.09	-1.67
" " " cb.	4.27	-0.85
B. on Inlet	5.16	-1.74
W. cb. on Pav.	4.94	-1.52
" ℄ " "	4.37	-0.95
℄ " "	4.37	-0.95
+135 " "	4.50	-1.08
℄ " "	4.59	-1.17
E. cb. " "	4.53	-1.11
C " Inlet	5.88	-2.46
E.L. " cb.	5.10	-1.68
" " " Pav.	5.68	-2.26
E.L. +40' on cb	4.96	-1.54
" " +40 " Pav	5.60	-2.18
Section P. = N.L. PACIFIC		
E cb. on cb.	5.08	-1.66
" " " Pav.	5.92	-2.50

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E ℄ on Pav.	4.61	-1.19
" " +15 on Pav.	4.51	-1.09
E Line +28' = E edge E. Rail E. Track	4.47	-1.05
" " +34.6' = W. " W " " "	4.45	-1.03
" " +45.8' = E " E " W "	4.32	-0.90
" " +50.9' = W " W " " "	4.31	-0.89
℄ on Pav.	4.32	-0.90
" +135 on Pav.	4.35	-0.93
℄ on Pav	4.41	-0.99
W cb. " "	5.17	+1.75
" " on cb.	4.32	-0.90
100' W. N.L. Pacific Ave		
W. cb. on cb.	3.88	-0.46
" " " Pav.	4.47	-1.05
W ℄ " "	4.18	-0.76
W cb. +19.5 = W edge W Rail W Track	4.16	-0.72
" " +24.7' = E " E " " "	4.16	-0.74
" " +35.7 = W " W " E "	4.15	-0.73
" " 40.8' = E " E " " "	4.17	-0.75
℄ top Pav.	4.11	-0.69
" +13.5 on Pav.	4.17	-0.75
E ℄ " "	4.24	-0.82
E Gut.	5.16	-1.74
" cb.	4.58	-1.16
Chb. on NE B.P.	5.055	1.635

1.637 = BM Book 1344 Page 12
0.002 = Corr.

Flexia Place
Cross Section

30 Wide
10' Cbs.
35' Qtr

Walk & Curb in
Except Where Noted

Flexia Place

Sub Villa Lots

Block C

Vicar's Drive

Flexia Place

Flexia Place
Cross Sections

OK.

BM	4.55	395.92		391.37
		East Line Mountainview		50.32
S			42	391.6
Cb Top			41	391.31
Gutter			52	390.7
½			48	391.1
½			48	391.1
½			49	391.0
Gutter			53	390.6
Cb Top			158	391.34
N			43	391.6
		East Line N 41 Feet on S		
		75' E of E L N Mtn View on S		
N			41	391.5
Cb Top			41	391.26
Gutter			54	390.5
½			49	391.0
½			48	391.1
½			50	390.9
Gutter			52	390.7
Cb Top			41	391.31
S			43	391.6
		25' E of E L N Mtn View on S		
S			48	391.1
Cb			51	390.81
Gutter			51	390.1

Plotted 8-7-29

7-31-29
Survey Replogle Northern Ditch

		395.93		
½			54	390.5
½			52	390.7
½			54	390.5
Gutter			59	390.0
Cb Top			115	390.77
N			47	391.2
		50' E of E L N Mtn View on S		
N			54	390.5
TP	2.58	392.97	153	390.39
Cb			173	390.24
Gutter			142	389.7
½			126	390.4
½			126	390.4
½			139	390.1
Gutter			134	389.6
Cb Top			160	390.37
S			123	390.7
		75' E		
S			138	391.2
Cb Top			101	389.96
Gutter			126	389.4
½			143	389.7
½			131	389.9
½			143	389.7
Gutter			127	389.3
Cb Top			125	389.72

Alexia Place

	392.97		
H	30	390.0	
100' E			
X	35	389.5	
Cb Top	3.80	389.17	
Gutter	45	388.51	
¼	40	389.01	
℄	3.7	389.31	
¼	39	389.1	
Gutter to Drive	41	388.91	
Cb Top			
S	31	389.6	
135' E			
S	38	389.2	
Cb	4.09	388.88	
Gutter	48	388.2	
¼	41	388.6	
℄	43	388.7	
¼	46	388.4	
Gutter	53	387.7	
Cb Top	4.37	388.60	
H	43	388.7	
150' E			
H	47	388.3	
Cb Top	4.90	388.07	
Gutter	57	387.3	
¼	51	387.9	

	392.97		
℄	47	388.3	
¼	48	388.2	
Gutter	50	388.0	
Cb Top	4.51	388.41	
S	45	388.5	
175' E			
S	49	388.1	
Cb	5.09	387.88	
Gutter	57	387.3	
¼	54	387.6	
℄	51	387.9	
¼	57	387.3	
Gutter	63	386.7	
Cb Top	5.44	387.53	
H	52	387.8	
200' E			
H	58	387.2	
Cb Top	6.03	386.94	
Gutter	67	386.3	
¼	61	386.9	
℄	58	387.2	
¼	59	387.1	
Gutter	63	386.7	
Cb	5.44	387.45	
S	53	387.7	
225' E			

Flexible Pipe

39897

S			5.7	387.3
Cb Top			6.05	386.92
Gutter			6.9	386.1
"			6.3	386.7
&			6.4	386.6
"			6.6	386.4
Gutter			7.1	385.9
Cb Top			6.55	386.42
N			6.6	386.6
	250' E			
N			6.9	386.1
Cb Top			7.05	385.92
Gutter			7.8	385.2
"			7.3	385.7
&			7.0	386.0
"			7.0	386.0
Gutter			7.7	385.3
Cb Top			6.58	386.39
S			6.4	386.6
	275' E			
S			7.0	386.0
Cb Top			7.12	385.85
Gutter			8.1	384.9
"			7.6	385.4
&			7.5	385.5
"			7.8	385.2

39897

Gutter			8.4	384.6
Cb Top			7.43	385.34
N			7.5	385.5
	300' E			
N			8.1	384.9
Cb			8.32	384.70
Gutter			9.07	383.90
Edge Gutter			8.70	384.27
"			8.5	384.5
&			8.2	384.8
"			8.3	384.7
Edge Gutter			8.17	384.80
Gutter			8.53	384.44
Cb Top			7.72	385.24
S			7.5	385.4
	325' E			
S			8.3	384.7
Cb Top			8.51	384.46
Gutter			9.24	383.73
Edge Gutter			8.91	384.06
"			8.9	384.1
&			8.9	384.1
"			9.3	383.7
Edge Gutter			9.53	383.44
Gutter			9.87	383.10
Cb Top			9.07	383.90

Alexio Place

	392.97			
H		90	384.0	
	350' E			
H		97	383.3	
Gutter in Drive		10.70	382.27	
Edge Gutter		10.31	382.63	
¼		101	382 9	
½		96	383.4	
¼		96	3834	
Edge Gutter		9.82	383.15	
Gutter in Drive		1010	382 8.7	
S		96	383 8	
	375 E			
S		101	382.9	
cb Top		10.29	382.68	
Gutter		11.01	381.91	
Edge "		10.81	382.16	
¼		10.6	382.4	
½		10.5	382.5	
¼		109	382 1	
Edge Gutter		11.30	381.77	
Gutter		11.55	381.42	
Cb Top		10.79	382.18	
H		10.5	382.5	
	401 E			
H		11.1	381.6	
Cb Top		11.0	~~381.87~~ 81.37	

	392.97			71
Gutter		12.38	380.59	
Edge		12.06	~~374.9~~ 380.91	
¼		11.7	381.3	
½		11.4	381.6	
¼		11.5	381.5	
Edge Gutter		11.71	381.23	
Gutter in Drive		12.05	380.92	
S		11.4	381.9	
	425 E			
P	1.17	382.30	1184 381.13	
S			1.4 380.9	
cb Top			1.58 380.72	
Gutter			2.13 379.87	
Edge "			2.08 380.22	
¼			1.7 380.6	
½			1.6 380.6	
¼			1.9 380.4	
Edge Gutter			2.25 380.05	
Gutter			2.60 379.70	
Cb Top			1.83 380.47	
H			1.6 380.7	
	450 E			
H			2.5 379.8	
Cb Top			2.66 379.64	
Gutter			2.44 378.86	
Edge "			2.13 379.17	

Alexis Place

382.3'

℄		37	379.6
℄		25	379.8
℄		21	379.7
Edge Gutter		303	379.27
Gutter		333	378.91
Cb Top		356	379.74
S		43	380.0
	475' I.		
S		33	379.0
Cb Top		345	378.85
Gutter		383	378.07
Edge		390	378.40
℄		36	378.7
℄		24	378.9
℄		67	378.6
Edge Gutter		391	378.39
Gutter		439	378.01
Cb Top		354	378.76
N		34	379.1
	500' I.		
N		41	378.2
Gutter in Drive		534	377.06
Edge Gutter		490	377.40
℄		440	377.70
℄		43	378.00
℄		44	377.70

382.3'

Edge Gutter		484	377.46
Gutter		517	377.13
Cb Top		438	377.92
S		42	378.1
	538.5' I. to Right		
S		52	376.7
Cb Top		580	376.50
Gutter		616	375.70
Edge		630	376.00
℄		62	376.1
℄		59	376.4
℄		61	376.2
Edge Gutter		615	376.15
Gutter		642	375.88
Cb Top		561	376.69
S		54	376.9
	Point on S of Bottom of N		
N		57	376.6
Cb Top		581	376.44
Gutter		646	375.64
Edge		635	375.95
℄		62	376.10
℄		61	376.2
℄		63	376.0
Edge Gutter		637	375.93
Gutter		661	375.66

Alexia Place

		38°43'					38°33'			
Cb Top			5+34	376.47						
S			5+6	376.7		75'E				
	25'E of APoint on S				S			10+9	371.4	
S			7+0	375.3	Cb Top			11+08	371.12	
Cb Top			7+25	375.05	Gutter			11+98	370.32	
Gutter			8+10	374.20	Edge "			11+68	370.62	
Edge "			7+91	374.39	"			11+5	370.8	
"			7+9	374.4	S			11+2	371.0	
S			7+1	374.7	"			11+6	370.7	
"			7+8	374.5	Edge Gutter			11+83	370.48	
Edge Gutter			8+03	374.27	Gutter			12+16	370.14	
Gutter			8+31	373.99	Cb Top			11+41	370.89	
Cb Top			7+50	374.80	N			11+5	370.8	
N			7+3	375.0	FF	0.78	37°34	12+74	36.956	
	150'E of A on S					100'E				
N			9+4	372.9	N			1+6	368.7	
Cb Top			9+10	372.70	Cb Top			1+5	369.19	
Gutter			10+40	371.90	Gutter			1+95	368.39	
Edge "			10+03	372.57	Edge "			1+60	368.74	
"			9+8	372.5	"			1+8	369.04	
S			9+4	372.9	S			0+9	369.4	
"			9+6	372.7	"			1+3	369.04	1+05 Walk Ok 0+1"
Edge Gutter			9+94	372.36	Edge Gutter			1+58	368.76	
Gutter			10+14	372.16	Gutter			1+90	368.54	
Cb Top			9+37	372.93	Cb			1+03	369.31	
S			9+1	373.2	S			0+7	369.6	
						125'E				
					S			2+5	367.4	

Alexia Place

370.34

Cb Top	271	367.63	
Gutter	351	366.83	
Edge "	345	367.09	
"	39	367.4	
"	21	367.7	
"	29	367.4	
Edge Gutter	325	367.09	
Gutter	355	366.79	
Cb Top	378	367.56	
"	27	367.6	
	15(16) E-PC	0	
"	42	365.91	
Cb Top	457	365.77	
Gutter	531	365.03	
Edge "	502	365.32	
"	41	365.71	
"	43	366.0	
"	41	365.7	
Edge Gutter	495	365.39	
Gutter	538	365.06	
Cb Top	449	365.85	
"	42	366.14	
	Part 1		
"	47	365.6	
Cb Top	523	365.31	
Gutter	583	364.51	

370.34

Edge Gutter	553	364.81	
"	53	365.0	
"	50	365.3	
"	54	364.9	
Edge Gutter	575	364.59	
Gutter	601	364.28	
Cb	521	365.08	
"	50	365.3	
	Part 2		
"	55	364.8	
Cb Top	58	364.5	
Gutter	659	363.75	
Edge "	630	364.04	
"	59	364.4	
"	51	364.7	
"	58	364.5	
Edge Gutter	602	364.28	
Gutter	640	363.94	
Cb	562	364.72	
"	53	365.0	
	Part 3		
"	59	364.4	
Cb Top	610	364.24	
Gutter	687	363.47	
Edge "	641	365.70	
"	63	364.0	

Alexia Place

87034

℄	L0	364.3
¼	L2	364.0
Edge Gutter	L15	363.69
Gutter	L95	363.39
cb Top	L15	364.19
"	59	364.4
Part 4		
"	L3	364.0
cb Top	L49	363.85
Gutter	730	363.04
Edge "	L98	363.36
¼	L7	363.6
℄	L5	363.8
¼	L8	363.5
Edge Gutter	702	363.32
Gutter	721	363.10
cb Top	L49	363.85
S	L3	364.0
Part 5		
S	L5	363.8
cb Top	L87	363.47
Gutter	742	362.72
Edge Gutter	734	363.00
¼	72	363.1
℄	L9	363.4
¼	71	363.2

87034

Edge Gutter	735	362.99
Gutter	760	362.74
cb Top	L85	363.41
"	L6	363.7
Part 6		
"	L0	363.5
Gutter in Drive	797	362.37
Edge Gutter	781	362.53
¼	74	362.91
℄	73	363.0
¼	76	362.7
Edge Gutter	720	362.64
Gutter	800	362.34
cb Top	719	363.15
S	702	363.3
Part 7		
S	73	363.0
cb Top	758	362.76
Gutter	833	362.01
Edge	806	362.28
¼	79	362.4
℄	76	362.7
¼	78	362.5
Edge Gutter	812	362.22
Gutter	847	361.92
cb	761	362.73

Alexia Place

37034

H		7.5	362.8		
	Part I				
H		8.0	362.3	S.P Back Part I	
cb Top		8.31	362.03	Gutter Back of H	
Gutter		9.01	361.30	to End	
Edge "		8.61	361.73		
"		8.8	362.14		
"		8.0	362.3		
"		8.4	361.9		
Edge Gutter		8.49	361.85		
Gutter		8.99	361.55		
cb Top		8.01	362.33		
S		7.7	362.64		
	Part a				
S		8.2	362.1		
cb Top		8.41	361.86		
Gutter		9.23	361.11		
Edge Gutter		8.02	361.42		
"		8.7	361.6		
"		8.4	361.9		
"		8.5	361.5		
Edge Gutter		9.10	361.10		
Gutter		9.86	360.48		
cb		9.08	361.26		
H		8.6	361.74		
	Part 10				

37034

H			8.8	361.5	
cb Top			9.61	360.8	
Gutter			10.38	35996	
Edge "			9.86	360.48	
"			9.1	361.2	
"			8.7	361.6	
"			9.1	361.2	
Edge Gutter			9.40	360.94	
Gutter			9.70	360.69	
cb Top			8.88	361.46	
S			8.60	361.74	
SP	12.43	38244	0.32	37001	
TP	10.13	39250	0.09	38237	
TP	5.23	39630	1.53	39097	
			4.82	391.32	SP to Gutter x Mk 37137 ✓

OK

Robinson Ave. Other Notes on Page 28 12-20-29
Alabama & Florida

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BM	2.02	275.92		273.90	SW BP Robinson & Florida
TP	0.96	264.96	11.92	264.00	
TP	0.52	252.48	13.00	251.96	
		233' W of NL Alabama			
NL Robinson			12.2	240.3	
12' N of NL			8.5	244.0	
25' N " "			4.4	248.1	
		237' W of EL Alley			
25' N of NL			3.5	249.0	
20' N " "			3.6	248.9	
10' N " "			7.0	245.5	
NL Robinson			10.1	242.4	

IMPROVED TABLES
AND
INFORMATION

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway, slope 1½ 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 of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TABLE No. 9.

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 ⁄gth divided by twice the radius.

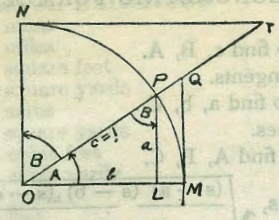


TABLE II

TRIGONOMETRIC FORMULÆ.

$\angle A = \angle MOP \qquad \angle B = \angle PON = \angle OPL$

$R = OB = c = 1$

$\sin A = \frac{a}{c} = \frac{a}{1} = a = \cos B = LP$

$\cos A = \frac{b}{c} = \frac{b}{1} = b = \sin B = OL$

$\tan A = \frac{a}{b} = \frac{MQ}{OM} = \frac{MQ}{1} = MQ = \cot B = MQ$

$\cot A = \frac{NT}{ON} = \frac{NT}{1} = NT = \tan B = NT$

$\sec A = \frac{OQ}{OM} = \frac{OQ}{1} = OQ = \csc B = OQ$

$\csc A = \frac{OT}{ON} = \frac{OT}{1} = OT = \sec B = OT$

$\text{vers } A = \frac{LM}{OP} = LM = \text{covers } B$ #

$\text{covers } A = \frac{OP - LP}{OP} = OP - LP = \text{vers } B$

$\text{exsec } A = PQ = \text{coexsec } B$

$\text{coexsec } A = PT = \text{exsec } B$

$\sin \tfrac{1}{2} A = \sqrt{\frac{1 - \text{Cos } A}{2}} \qquad \cos \tfrac{1}{2} A = \sqrt{\frac{1 + \text{Cos } A}{2}}$

$\sin 2A = 2 \sin A \cos A \qquad \cos 2A = \cos^2 A - \sin^2 A$

Law of Sines $\frac{\sin A}{a} = \frac{\sin B}{B} = \frac{\sin C}{C}$

Law of Cosines $c^2 = a^2 + b^2 - 2ab \cos C$

Law of Tangents $\frac{a+b}{a-b} = \frac{\tan \frac{1}{2}(A+B)}{\tan \frac{1}{2}(A-B)}$

TABLE VI (continued)

SINES, COSINES, TANGENTS, COTANGENTS (continued)

deg.	sin 0′	tan 0′	sin 10′	tan 10′	sin 20′	tan 20′	sin 30′	tan 30′	sin 40′	tan 40′	sin 50′	tan 50′	deg.
46	7193	1.0355	7214	1.0416	7234	1.0477	7254	1.0533	7274	1.0599	7294	1.0661	43
47	314	.0724	333	.0786	353	.0850	373	.0913	392	.0977	412	.1041	42
48	431	.1106	451	.1171	470	.1237	490	.1303	509	.1369	528	.1436	41
49	547	.1504	566	.1571	585	.1640	604	.1708	623	.1778	642	.1847	40
50	660	1.1918	7679	1.1988	7698	1.2059	7716	1.2131	7735	1.2203	7753	1.2276	39
51	771	2349	790	.2423	808	.2497	826	.2572	844	.2647	862	.2723	38
52	880	.2799	898	.2876	916	.2954	934	.3032	951	.3111	969	.3190	37
53	986	.3270	8004	.3351	8021	.3452	8039	.3514	8056	.3597	8073	.3680	36
54	8090	.3764	107	.3848	124	.3934	141	.4019	158	.4106	175	.4193	35
55	192	.4281	208	.4370	225	.4460	241	.4550	258	.4641	274	.4733	34
56	290	.4826	307	.4919	323	.5013	339	.5108	355	.5204	371	.5301	33
57	387	.5399	403	.5497	418	.5597	434	.5697	450	.5798	465	.5900	32
58	480	.6003	496	.6107	511	.6212	526	.6319	542	.6426	557	.6534	31
59	572	.6643	587	.6753	601	.6864	616	.6977	631	.7090	646	.7205	30
60	660	1.7321	8675	1.7437	8689	1.7556	8704	1.7675	8718	1.7797	8732	1.7917	29
61	746	.8040	760	.8165	774	.8291	788	.8418	802	.8546	816	.8676	28
62	829	.8807	843	.8940	857	.9074	870	.9210	884	.9347	897	.9486	27
63	910	.9626	923	.9768	936	.9912	949	2.0057	962	2.0204	975	2.0353	26
64	988	2.0503	9001	2.0655	9013	2.0809	9026	.0965	9038	.1123	9051	.1283	25
65	9063	.1445	075	.1609	088	.1775	100	.1943	112	.2113	124	.2286	24
66	135	.2460	147	.2637	159	.2817	171	.2998	182	.3183	194	.3369	23
67	205	.3559	216	.3750	228	.3945	239	.4142	250	.4342	261	.4545	22
68	272	.4751	283	.4960	293	.5172	304	.5386	315	.5605	325	.5826	21
69	336	.6051	346	.6279	356	.6511	367	.6746	377	.6985	387	.7228	20
70	397	2.7475	9407	2.7725	9417	2.7980	9426	2.8239	9436	2.8502	9446	2.8770	19
71	455	.9042	465	.9319	474	.9600	483	.9887	492	3.0178	502	3.0475	18
72	511	3.0777	520	3.1084	528	3.1397	537	3.1716	546	.2041	555	.2371	17
73	563	.2709	572	.3052	580	.3402	588	.3759	596	.4124	605	.4495	16
74	613	.4874	621	.5261	628	.5656	636	.6059	644	.6470	652	.6891	15
75	659	.7321	667	.7760	674	.8208	681	.8657	689	.9136	696	.9617	14
76	703	4.0108	710	4.0611	717	4.1126	724	4.1653	730	4.2193	737	4.2747	13
77	744	.3315	750	.3897	757	.4494	763	.5107	769	.5736	775	.6382	12
78	781	.7046	787	.7729	793	.8430	799	.9152	805	.9894	811	5.0658	11
79	816	.1446	822	5.2257	827	5.3093	833	5.3955	838	5.4845	843	.5764	10
80	9848	5.6713	9853	5.7694	9858	5.8708	9863	5.9758	9868	6.0844	9872	6.1970	9
81	877	6.3138	881	6.4348	886	6.5606	890	6.6912	894	.8269	899	.9682	8
82	903	7.1154	907	7.2687	911	7.4287	914	7.5958	918	7.7704	922	7.9530	7
83	925	8.1443	929	8.3450	932	8.5555	936	8.7769	939	9.0098	942	9.2553	6
84	945	9.5144	948	9.7882	951	10.078	954	10.385	957	10.711	959	11.059	5
85	962	11.430	964	11.826	967	12.250	969	12.706	971	13.197	974	13.727	4
86	976	14.300	978	14.924	980	15.605	981	16.350	983	17.169	985	18.075	3
87	986	19.081	988	20.206	989	21.470	990	22.903	992	24.542	993	26.432	2
88	994	28.636	9995	31.242	9996	34.368	997	38.189	997	42.964	9998	49.104	1
89	9998	57.290	9999	68.750	9999	85.940	9999	114.58	1.000	171.88	1.000	343.77	0
deg.	60′ cos	60′ cot	50′ cos	50′ cot	40′ cos	40′ cot	30′ cos	30′ cot	20′ cos	30′ cot	10′ cos	10′ cot	deg.

533
607
-074

TABLE VII

RODS IN FEET AND INCHES

Rods	Feet Inches	Rods	Feet Inches	Rods	Feet Inches	Rods	Feet Inches	Rods	Feet Inches
1	16—6	21	346—6	41	676—6	61	1006—6	81	1336—6
2	33—0	22	363—0	42	693—0	62	1023—0	82	1353—0
3	49—6	23	379—6	43	709—6	63	1039—6	83	1369—6
4	66—0	24	396—0	44	726—0	64	1056—0	84	1386—0
5	82—6	25	412—6	45	742—6	65	1072—6	85	1402—6
6	99—0	26	429—0	46	759—0	66	1089—0	86	1419—0
7	115—6	27	445—6	47	775—6	67	1105—6	87	1435—6
8	132—0	28	462—0	48	792—0	68	1122—0	88	1452—0
9	148—6	29	478—6	49	808—6	69	1138—6	89	1468—6
10	165—0	30	495—0	50	825—0	70	1155—0	90	1485—0
11	181—6	31	511—6	51	841—6	71	1171—6	91	1501—6
12	198—0	32	528—0	52	858—0	72	1188—0	92	1518—0
13	214—6	33	544—6	53	874—6	73	1204—6	93	1534—6
14	231—0	34	561—0	54	891—0	74	1221—0	94	1551—0
15	247—6	35	577—6	55	907—6	75	1237—6	95	1567—6
16	264—0	36	594—0	56	924—0	76	1254—0	96	1584—0
17	280—6	37	610—6	57	940—6	77	1270—6	97	1600—6
18	297—0	38	627—0	58	957—0	78	1287—0	98	1617—0
19	313—6	39	643—6	59	973—6	79	1303—6	99	1633—6
20	330—0	40	660—0	60	990—0	80	1320—0	100	1650—0

TABLE VIII

LINKS IN FEET AND INCHES

Links	Feet Inches	Links	Feet Inches	Links	Feet Inches	Links	Feet Inches	Links	Feet Inches	Links	Feet Inches
1	0– 7.92	18	11–10.56	35	23– 1.20	52	34– 3.84	69	45– 6 48	86	56– 9 12
2	1– 3.84	19	12– 6.48	36	23– 9.12	53	34–11.76	70	46– 2 40	87	57– 5 04
3	1–11.76	20	13– 2.40	37	24– 5.04	54	35– 7 68	71	46–10 32	88	58– 0 96
4	2– 7.68	21	13–10.32	38	25– 0.96	55	36– 3.60	72	47– 6.24	89	58– 8.88
5	3– 3.60	22	14– 6.24	39	25– 8.88	56	36–11.52	73	48– 2 16	90	59– 4 80
6	3–11.52	23	15– 2.16	40	26– 4.80	57	37– 7.44	74	48–10 08	91	60– 0 72
7	4– 7.44	24	15–10.08	41	27– 0.72	58	38– 3.36	75	49– 6.00	92	60– 8 64
8	5– 3.36	25	16– 6.00	42	27– 8.64	59	38–11 28	76	50– 1.92	93	61– 4 56
9	5–11.28	26	17– 1.92	43	28– 4.56	60	39– 7 20	77	50– 9.84	94	62– 0 48
10	6– 7.20	27	17– 9.84	44	29– 0.48	61	40– 3 12	78	51– 5.76	95	62– 8 40
11	7– 3.12	28	18– 5.76	45	29– 8.40	62	40–11.04	79	52– 1.68	96	63– 4.32
12	7–11.04	29	19– 1.68	46	30– 4.32	63	41– 6.96	80	52– 9.60	97	64– 0 24
13	8– 6.96	30	19– 9.60	47	31– 0.24	64	42– 2.88	81	53– 5.52	98	64– 8.16
14	9– 2.88	31	20– 5.52	48	31– 8.16	65	42–10.80	82	54– 1.44	99	65– 4.08
15	9–10.80	32	21– 1 44	49	32– 4.08	66	43– 6.72	83	54– 9.36	100	66– .000
16	10– 6.72	33	21– 9.36	50	33– 0.00	67	44– 2.64	84	55– 5.28	101	66 –7.92
17	11– 2.64	34	22– 5.28	51	33– 7.92	68	44–10.56	85	56– 1.20	102	67– 3.84

TABLE IX. TANGENTS AND EXTERNALS TO A 1° CURVE

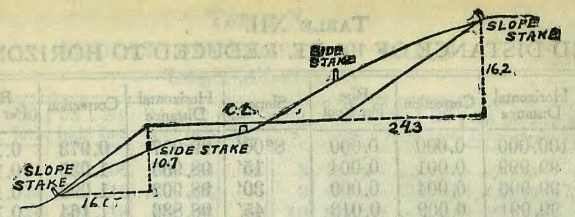
I	T	E	I=10°	I	T	E	I=20°	I	T	E	I=30°
1°	50.00	.218	+	11°	551.70	26.500	+	21°	1061.9	97.577	+
10′	58.34	.297	5° C.	10′	560.11	27.313	5° C	10′	1070.6	99.155	5° C
20′	66.67	.388	T	20′	568.53	28.137	T	20′	1079.2	100.75	T
30′	75.01	.491	.03	30′	576.95	28.974	.06	30′	1087.8	102.35	.10
40′	83.34	.606	E	40′	585.36	29.824	E	40′	1096.4	103.97	E
50′	91.68	.733	.001	50′	593.79	30.686	.006	50′	1105.1	105.60	.013
2°	100.01	.873		12°	602.21	31.561		22°	1113.7	107.24	
10′	108.35	1.024		10′	610.64	32.447		10′	1122.4	108.90	
20′	116.68	1.188		20′	619.07	33.347		20′	1131.0	110.57	
30′	125.02	1.364		30′	627.50	34.259		30′	1139.7	112.25	
40′	133.36	1.552		40′	635.93	35.183		40′	1148.4	113.95	
50′	141.70	1.752		50′	644.37	36.120		50′	1157.0	115.66	
3°	150.04	1.964	10° C.	13°	652.81	37.070	10° C.	23°	1165.7	117.38	10° C.
10′	158.38	2.188	T	10′	661.25	38.031	T	10′	1174.4	119.12	T
20′	166.72	2.425	.06	20′	669.70	39.006	.13	20′	1183.1	120.87	.19
30′	175.06	2.674	E	30′	678.15	39.993	E	30′	1191.8	122.63	E
40′	183.40	2.934	.003	40′	686.60	40.992	.011	40′	1200.5	124.41	.025
50′	191.74	3.207		50′	695.06	42.004		50′	1209.2	126.20	
4°	200.08	3.492		14°	703.51	43.029		24°	1217.9	128.00	
10′	208.43	3.790		10′	711.97	44.066		10′	1226.6	129.82	
20′	216.77	4.099		20′	720.44	45.116		20′	1235.3	131.65	
30′	225.12	4.421		30′	728.90	46.178		30′	1244.0	133.50	
40′	233.47	4.755		40′	737.37	47.253		40′	1252.8	135.35	
50′	241.81	5.100	15° C.	50′	745.85	48.341	15° C.	50′	1261.5	137.23	15° C.
5°	250.16	5.459	T	15°	754.32	49.441	T	25°	1270.2	139.11	T
10′	258.51	5.829	.09	10′	762.80	50.554	.19	10′	1279.0	141.01	.29
20′	266.86	6.211	E	20′	771.29	51.679	E	20′	1287.7	142.93	E
30′	275.21	6.606	.004	30′	779.77	52.818	.017	30′	1296.5	144.85	.038
40′	283.57	7.013		40′	788.26	53.969		40′	1305.3	146.79	
50′	291.92	7.432		50′	796.75	55.132		50′	1314.0	148.75	
6°	300.28	7.863		16°	805.25	56.309		26°	1322.8	150.71	
10′	308.64	8.307		10′	813.75	57.498		10′	1331.6	152.69	
20′	316.99	8.762		20′	822.25	58.699		20′	1340.4	154.69	
30′	325.35	9.230		30′	830.76	59.914		30′	1349.2	156.70	
40′	333.71	9.710	20° C.	40′	839.27	61.141	20° C.	40′	1358.0	158.72	20° C.
50′	342.08	10.202	T	50′	847.78	62.381	T	50′	1366.8	160.76	T
7°	350.44	10.707	.13	17°	856.30	63.634	.26	27°	1375.6	162.81	.39
10′	358.81	11.224	E	10′	864.82	64.900	E	10′	1384.4	164.86	E
20′	367.17	11.753	.006	20′	873.35	66.178	.022	20′	1393.2	166.95	.051
30′	375.54	12.294		30′	881.88	67.470		30′	1402.0	169.04	
40′	383.91	12.847		40′	890.41	68.774		40′	1410.9	171.15	
50′	392.28	13.413		50′	898.95	70.091		50′	1419.7	173.27	
8°	400.66	13.991		18°	907.49	71.421		28°	1428.6	175.41	
10′	409.03	14.582		10′	916.03	72.764		10′	1437.4	177.55	
20′	417.41	15.184	25° C.	20′	924.58	74.119	25° C.	20′	1446 3	179.72	25° C.
30′	425.79	15.799	T	30′	933.13	75.488	T	30′	1455.1	181.89	T
40′	434.17	16.426	.16	40′	941.69	76.869	.32	40′	1464.0	184.08	.49
50′	442.55	17.065	E	50′	950.25	78.264	E	50′	1472.9	186.29	E
9°	450.93	17.717	.007	19°	958.81	79.671	.028	29°	1481.8	188.51	.065
10′	459.32	18.381		10′	967.38	81.092		10′	1490.7	190.74	
20′	467.71	19.058		20′	975.96	82.525		20′	1499.6	192.99	
30′	476.10	19.746		30′	984.53	83.972		30′	1508.5	195.25	
40′	484.49	20.447		40′	993.12	85.431		40′	1517.4	197 53	
50′	492.88	21.161		50′	1001.7	86.904		50′	1526.3	199.82	
10°	501.28	21.887	30° C.	20°	1010.3	88.389	30° C.	30°	1535.3	202.12	30° C.
10′	509.68	22.624	T	10′	1018.9	89.888	T	10′	1544.2	204.44	T
20′	518.08	23.375	.19	20′	1027.5	91.399	.39	20′	1553.1	206.77	.59
30′	526.48	24.138	E	30′	1036.1	92.924	E	30′	1562.1	209.12	E
40′	534.89	24.913	.008	40′	1044.7	94.462	.034	40′	1571.0	211.48	.078
50′	543.29	25.700		50′	1053.3	96.013		50′	1580.0	213.86	

T = R tan ½ I E = R exsec ½ I

TABLE IX. TANGENTS AND EXTERNALS TO A 1° CURVE

I	T	E	I=40°	I	T	E	I=50°	I	T	E	I=60°
31°	1589.0	216.3	+	41°	2142.2	387.4	+	51°	2732.9	618.4	+
10′	1598.0	218.7	5° C.	10′	2151.7	390.7	5° C.	10′	2743.1	622.8	5° C.
20′	1606.9	221.1	T	20′	2161.2	394.1	T	20′	2753.4	627.2	T
30′	1615.9	223.5	.13	30′	2170.8	397.4	.17	30′	2763.7	631.7	.21
40′	1624.9	226.0	E	40′	2180.3	400.8	E	40′	2773.9	636.2	E
50′	1633.9	228.4	.023	50′	2189.9	404.2	.037	50′	2784.2	640.7	.056
32°	1643.0	230.9		42°	2199.4	407.6		52°	2794.o	645.2	
10′	1652.0	233.4		10′	2209.0	411.1		10′	2804.9	649.7	
20	1661.0	235.9		20′	2218.6	414.5		20′	2815.2	654.3	
30′	1670.0	238.4		30′	2228.1	418.0		30′	2825.6	658.8	
40′	1679.1	241.0		40′	2237.7	421.4		40′	2835.9	663.4	
50′	1688.1	243.5		50′	2247.3	425.0		50′	2846.3	668.0	
33°	1697.2	246.1	10° C.	43°	2257.0	428.5	10° C.	53°	2856.7	672.7	10° C.
10′	1706.3	248.7	T	10′	2266.6	432.0	T	10′	2867.1	677.3	T
20′	1715.3	251.3	.26	20′	2276.2	435.6	.34	20′	2877.5	682.0	.42
30′	1724.4	253.9	E	30′	2285.9	439.2	E	30′	2888.0	686.7	E
40′	1733.5	256.5	.046	40′	2295.6	442.8	.075	40′	2898.4	691.4	.112
50′	1742.6	259.1		50	2305.2	446.4		50′	2908.9	696.1	
34°	1751.7	261.8		44°	2314.9	450.0		54°	2919.4	700.9	
10′	1760.8	264.5		10′	2324.6	453.6		10′	2929.9	705.7	
20′	1770.0	267.2		20′	2334.3	457.3		20′	2940.4	710.5	
30′	1779.1	269.9		30′	2344.1	461.0		30′	2951.0	715.3	
40′	1788.2	272.6		40′	2353.8	464.6		40′	2961.5	720.1	
50′	1797.4	275.3	15° C.	50′	2363.5	468.4	15° C.	50′	2972.1	725.0	15° C.
35°	1806.6	278.1	T	45°	2373.3	472.1	T	55°	2982.7	729.9	T
10′	1815.7	280.8	.40	10′	2383.1	475.8	.51	10′	2993.3	734.8	.63
20′	1824.9	283.6	E	20′	2392.8	479.6	E	20′	3003.9	739.7	E
30′	1834.1	286.4	.070	30′	2402.6	483.4	.116	30′	3014.5	744.6	.168
40′	1843.3	289.2		40′	2412.4	487.2		40′	3025.2	749.6	
50′	1852.5	292.0		50′	2422.3	491.0		50′	3035.8	754.6	
36°	1861.7	294.9		46°	2432.1	494.8		56°	3046.5	759.6	
10′	1870.9	297.7		10′	2441.9	498.7		10′	3057.2	764.6	
20′	1880.1	300.6		20′	2451.8	502.5		20′	3067.9	769.7	
30′	1889.4	303.5		30′	2461.7	506.4		30′	3078.7	774.7	
40′	1898.6	306.4	20° C.	40′	2471.5	510.3	20° C.	40′	3089.4	779.8	20° C.
50′	1907.9	309.3	T	50′	2481.4	514.3	T	50′	3100.2	784.9	T
37°	1917.1	312.2	.53	47°	2491.3	518.2	.68	57°	3110.9	790.1	.84
10′	1926.4	315.2	E	10′	2501.2	522.2	E	10′	3121.7	795.2	E
20′	1935.7	318.1	.093	20′	2511.2	526.1	.151	20′	3132.6	800.4	.225
30′	1945.0	321.1		30′	2521.1	530.1		30′	3143.4	805.6	
40′	1954.3	324.1		40′	2531.1	534.2		40′	3154.2	810.9	
50′	1963.6	327.1		50′	2541.0	538.2		50′	3165.1	816.1	
38°	1972.9	330.2		48°	2551.0	542.2		58°	3176.0	821.4	
10′	1982.2	333.2		10′	2561.0	546.3		10′	3186.9	826.7	
20′	1991.5	336.3	25° C.	20′	2571.0	550.4	25° C.	20′	3197.8	832.0	25° C.
30′	2000.9	339.3	T	30′	2581.0	554.5	T	30′	3208.8	837.3	T
40′	2010.2	342.4	.67	40′	2591.0	558.6	.85	40′	3219.7	842.7	1.05
50′	2019.6	345.5	E	50′	2601.1	562.8	E	50′	3230.7	848.1	E
39°	2029.0	348.6	.117	49°	2611.2	566.9	.189	59°	3241.7	853.5	.283
10′	2038.4	351.8		10′	2621.2	571.1		10′	3252.7	858.9	
20′	2047.8	354.9		20′	2631.3	575.3		20′	3263.7	864.3	
30′	2057.2	358.1		30′	2641.4	579.5		30′	3274.8	869.8	
40′	2066.6	361.3		40′	2651.5	583.8		40′	3285.8	875.3	
50′	2076.0	364.5		50′	2661.6	588.0		50′	3296.9	880.8	
40°	2085.4	367.7	30° C.	50°	2671.8	592.3	30° C.	60°	3308.0	886.4	30° C.
10′	2094.9	371.0	T	10′	2681.9	596.6	T	10′	3319.1	892.0	T
20′	2104.3	374.2	.80	20′	2692.1	600.9	1.02	20′	3330.3	897.5	1.27
30′	2113.8	377.5	E	30′	2702.3	605.3	E	30′	3341.4	903.2	E
40′	2123.3	380.8	.141	40′	2712.5	609.6	.227	40′	3352.6	908.8	.340
50′	2132.7	384.1		50′	2722.7	614.0		50′	3363.8	914.5	

T = R tan ½ I E = R exsec ½ I



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0 00	0 15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1 65	1 80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3 45	3.60	3 75	3.90	4.05	4.20	4 35	2
3	4.50	4 65	4.80	4.95	5.10	5 25	5 40	5.55	5.70	5.85	3
4	6.00	6 15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7 50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9 00	9 15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10 65	10.80	10.95	11.10	11.25	11.40	11.55	11 70	11.85	7
8	12.00	12 15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13 50	13 65	13 80	13 95	14.10	14.25	14.40	14 55	14.70	14.85	9
10	15.00	15 15	15 30	15 45	15.60	15.75	15.90	16.05	16.20	16 35	10
11	16 50	16 65	16 80	16.95	17 10	17.25	17.40	17.55	17.70	17.85	11
12	18 00	18.15	18.30	18 45	18.60	18 75	18.90	19.05	19.20	19 35	12
13	19 50	19 65	19.80	19.95	20.10	20.25	20 40	20.55	20.70	20.85	13
14	21.00	21 15	21.30	21.45	21 60	21.75	21.90	22 05	22 20	22 35	14
15	22 50	22 65	22 80	22 95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24 15	24 30	24 45	24.60	24.75	24 90	25 05	25.20	25.35	16
17	25.50	25 65	25.80	25 95	26.10	26 25	26 40	26.55	26.70	26.85	17
18	27.00	27 15	27.30	27 45	27.60	27.75	27.90	28.05	28 20	28.35	18
19	28 50	28 65	28 80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30 00	30 15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31 50	31 65	31.80	31.95	32 10	32 25	32.40	32.55	32 70	32 85	21
22	33 00	33 15	33 30	33 45	33.60	33 75	33.90	34.05	34.20	34.35	22
23	34 50	34 65	34.80	34.95	35.10	35 25	35 40	35.55	35.70	35 85	23
24	36.00	36 15	36.30	36 45	36.60	36.75	36.90	37.05	37 20	37.35	24
25	37.50	37.65	37 80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39 00	39 15	39 30	39 45	39 60	39.75	39.90	40.05	40.20	40.35	26
27	40 50	40 65	40 80	40.95	41.10	41.25	41 40	41.55	41.70	41.85	27
28	42 00	42 15	42.30	42.45	42.60	42 75	42.90	43.05	43.20	43.35	28
29	43 50	43 65	43.80	43 95	44.10	44 25	44 40	44.55	44.70	44 85	29
30	45 00	45 15	45.30	45 45	45.60	45.75	45 90	46.05	46 20	46.35	30
31	46.50	46.65	46.80	46 95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48 00	48.15	48.30	48 45	48.60	48 75	48.90	49.05	49 20	49.35	32
33	49.50	49 65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51 00	51.15	51.30	51.45	51.60	51.75	51 90	52.05	52.20	52.35	34
35	52 50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54 00	54 15	54.30	54 45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55 50	55 65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57 30	57 45	57.60	57 75	57.90	58.05	58.20	58 35	38
39	58 50	58.65	58 80	58 95	59.10	59 25	59.40	59 55	59.70	59.85	39
40	60 00	60 15	60 30	60 45	60 60	60.75	60 90	61.05	61 20	61.35	40
41	61.50	61 65	61 80	61 95	62 10	62 25	62.40	62 55	62 70	62.85	41
42	63 00	63.15	63 30	63 45	63 60	63 75	63 90	64 05	64 20	64.35	42
43	64.50	64 65	64 80	64.95	65.10	65 25	65 40	65.55	65.70	65.85	43
44	66 00	66 15	66 30	66.45	66.60	66 75	66.90	67.05	67.20	67.35	44
45	67 50	67 65	67 80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69 00	69 15	69 30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70 50	70 65	70 80	70 95	71.10	71.25	71 40	71.55	71.70	71.85	47
48	72.00	72 15	72.30	72.45	72.60	72.75	72.90	73 05	73.20	73 35	48
49	73 50	73 65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

ENGINEERING DEPARTMENT
CITY OF SAN DIEGO.
CALIFORNIA.

68 = Landis to Wightman 40th to Central
81 = " " " Dwight
95 Myrtle "
109 " Thorn
124 Redwood "

463
San Rafael
Venice ct
231 + 232
Verona ct.
Whittier ct.
Windermere ct
241 + 240
YARMOUTH ct.
244
York ct
245
ZANZIBAR ct
North Hills