1318

PASTA

LEVEL BOOK

No. 380F

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.

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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.

1318

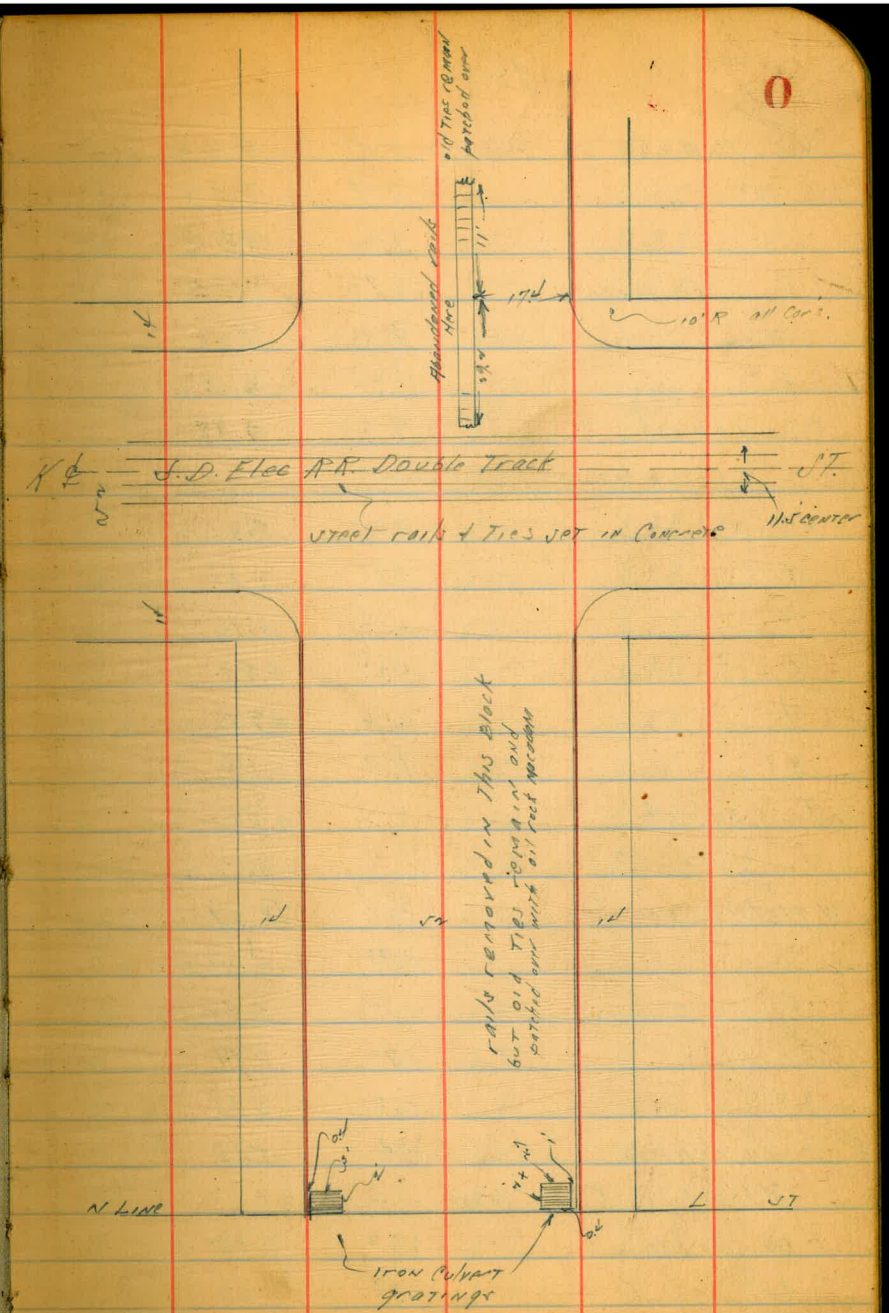
Page	
0-39	X-Sections 6th St. B to L
40-42	" " Landis 40th to Central
43-48	" " Wawona Chatsworth to LaCresta
49-57	" " Zola " to Palermo
58-67	" " Villa Drive Zola to Voltaire
68-	" " Lucerne " to Villa Drive

Moore Flood Calhoun Pierce

Cross Section of 6th St

Vz betw curbs 13' 1/4 c

SEBP	2.23	9.21	6.98 X4644
NL Lst=00			
E Top curb		6.54	2.69
gut Top grating		6.90	2.29
1/4		6.90	2.31
c		6.76	2.65
1/4		6.74	2.47
gut Top grating		9.30	1.79
W Top curb		6.84	2.37
0+50			
W Top cb		6.11	3.10
gut		6.84	2.39
1/4		6.54	2.69
c		6.0	3.21
1/4		6.33	2.88
gut		6.30	2.91
E Top cb		5.64	3.57
1+00			
E Top cb		5.11	4.10
gut		5.71	3.50
1/4		5.71	3.50
c		5.51	3.70
1/4		5.91	3.30
gut		6.18	3.03
W Top cb		5.48	3.73



1+50			
W Top cb		4.81	4.40
gut		4.48	3.73
1/4		4.16	4.05
C		4.96	4.25
1/4		4.50	4.21
gut		4.03	4.18
E Top cb		4.33	4.88
2+00 = beginning of Comm'l			
E Top cb		3.60	5.61
gut		4.30	4.81
1/4		4.44	4.76
C		4.74	4.97
1/4		4.46	4.75
gut		4.09	4.12
W Top cb		4.44	4.96
2+50			
W gutter (Comm'l)		4.14	5.07
1/4		3.92	5.28
C		3.64	5.59
1/4		3.70	5.51
gut		3.63	5.58
E cb in runway		3.59	5.62
3+00 ℄ L K ST 80 wide inlets 13 1/2 s			
E cb Top cb		2.33	6.88
gut		2.98	6.33
1/4		3.04	6.19

C		2.85	6.36	
1/4		3.16	6.05	
gut		3.34	5.87	
W Top cb		2.60	6.41	
T.P.	6.50	12.48 2.43	6.98	on B.M.
℄ cb on K ST				
-50 Top curb gutter		2.43	5.97	
WL Top curb		2.06	6.42	
" gutter		2.56	5.92	
cb on paving		2.60	5.88	
1/4		2.45	6.23	
C		6.98	6.50	
1/4		2.04	6.46	
cb on paving		2.13	6.35	
EL gut		2.07	6.41	
EL Top cb		6.54	6.96	
+50 Top curb		5.48	8.00	
+50 gutter		6.18	7.30	
S 1/4 on K				
EL on paving		6.78	6.70	
cb		6.85	6.63	
1/4		6.78	6.70	
C		6.85	6.63	
1/4		7.05	6.43	
cb		7.27	6.21	
WL		7.36	6.12	

13.48

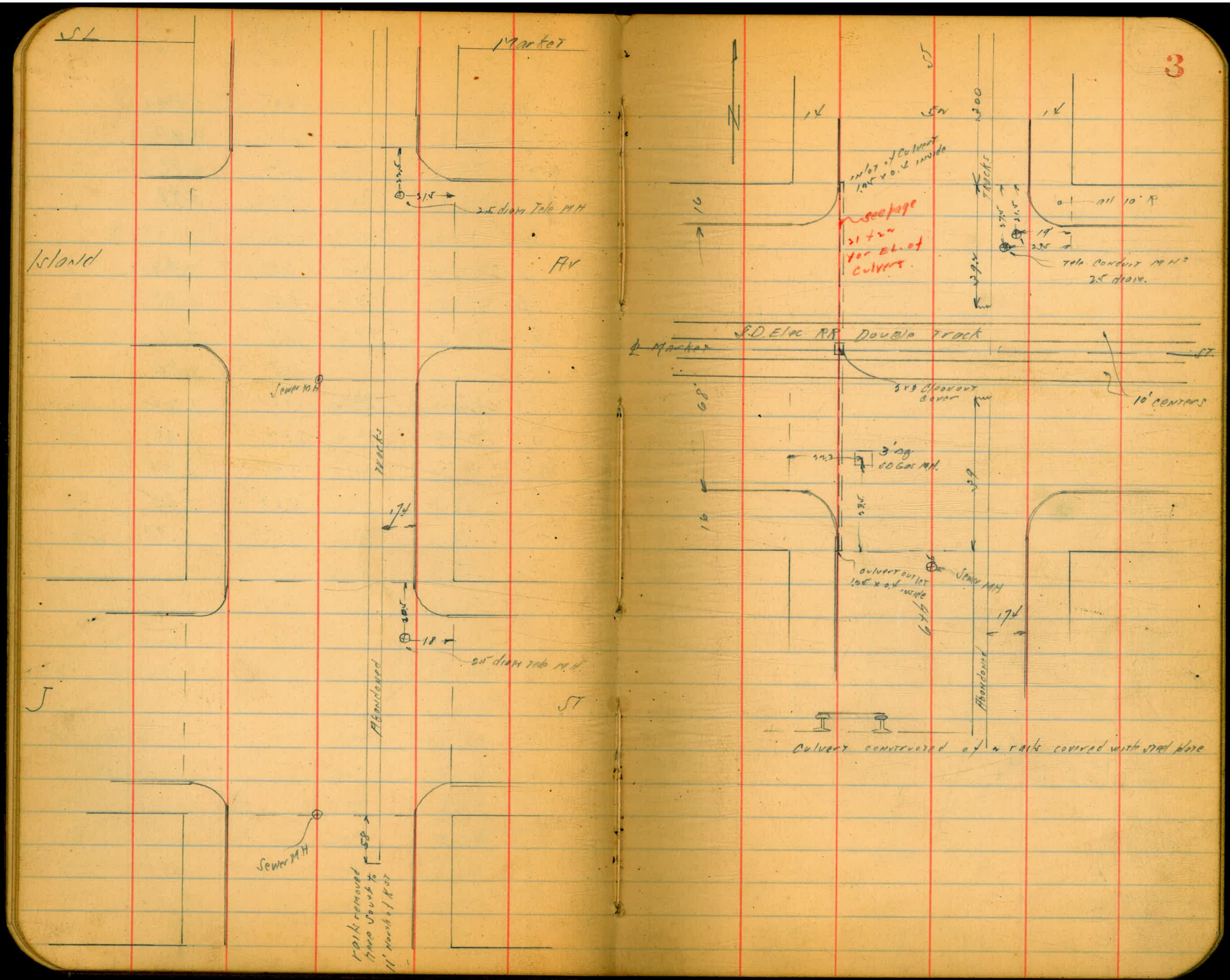
S 1/4 + 4.8 = S rail of S track		
WL top rail	7.10	6.38
C " "	6.71	6.77
EL " "	6.47	7.21
℄ of K + 8.5 = N rail of N track		
EL top rail	6.13	7.55
C " "	6.53	6.95
WL " "	6.95	6.53
N 1/4 of K W		
WL	6.85	6.63
cb	6.73	6.75
1/4	6.74	6.74
C	6.60	6.88
1/4	6.58	6.90
cb	6.50	6.98
EL	6.23	7.25
N curb		
-50 top ct	4.85	8.66
" gut	5.48	8.00
EL top cb	5.54	7.96
gut	6.18	7.30
cb	6.39	7.09
1/4	6.44	7.04
C	6.38	7.10
1/4	6.58	6.90
cb	6.67	6.81

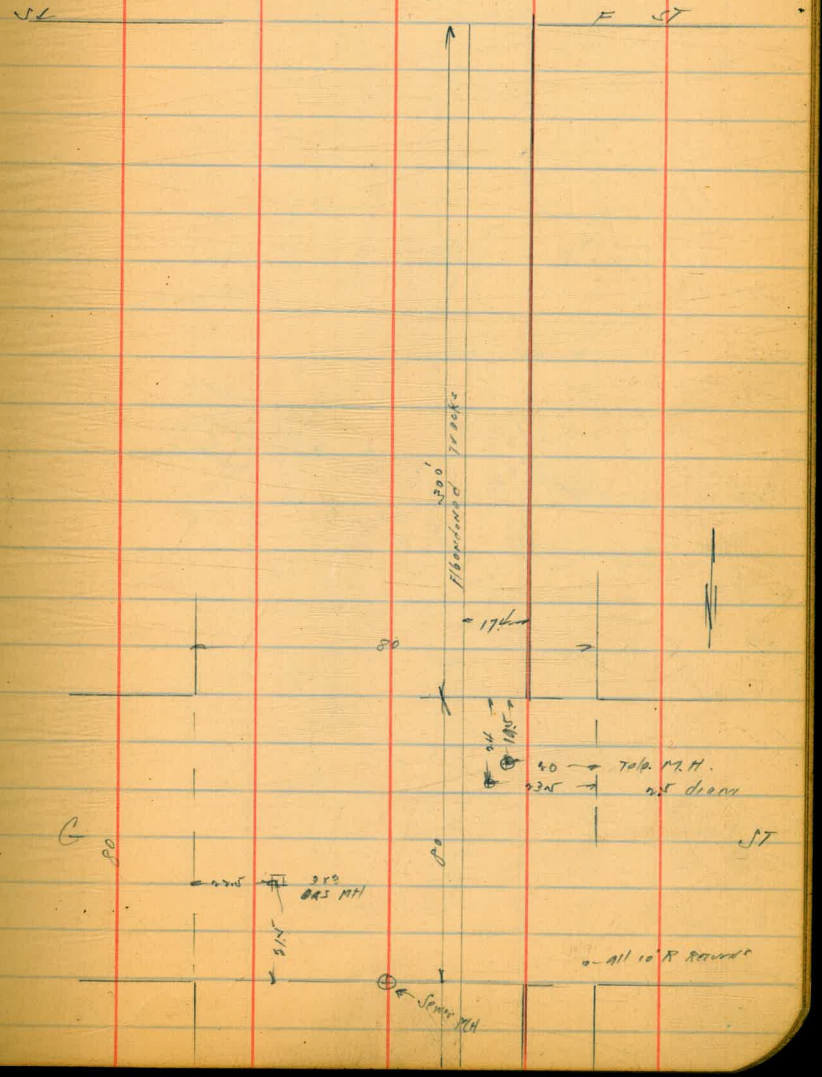
13.48

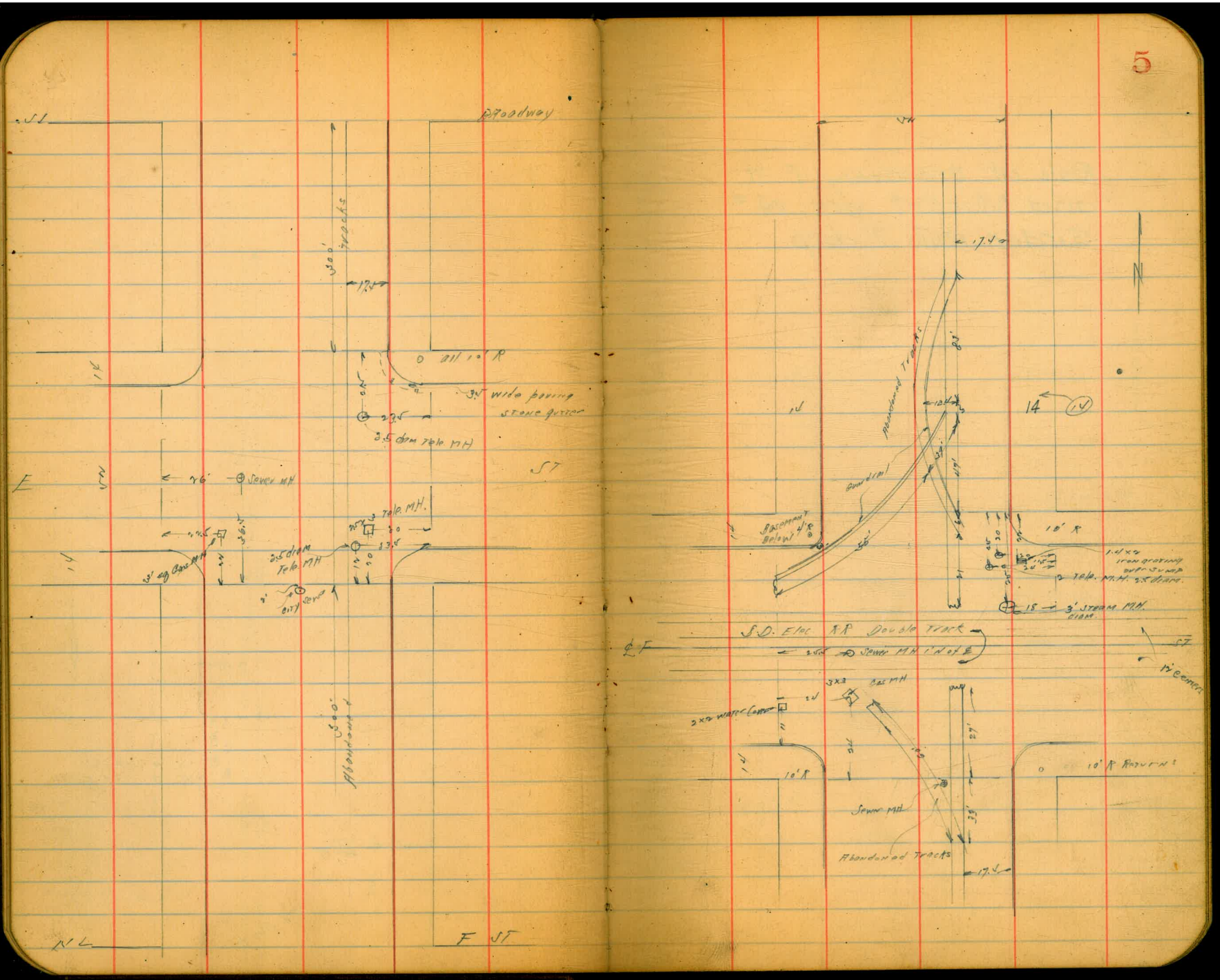
6 45

2

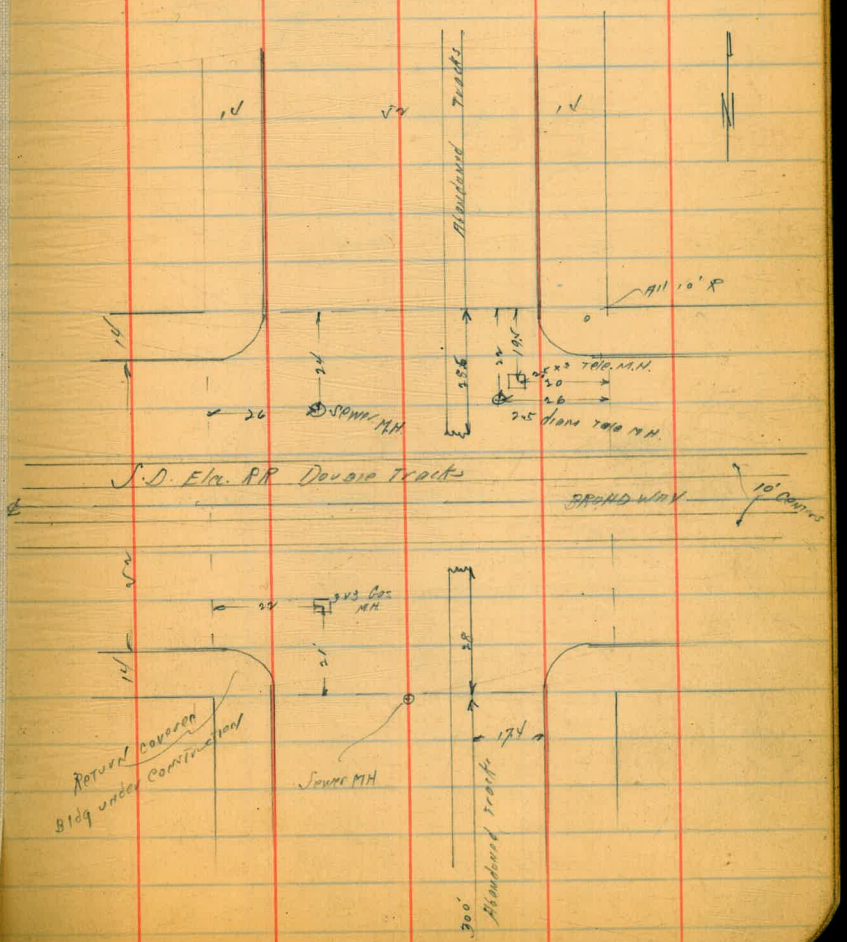
WL gut	6.44	7.04
" top cb	6.08	7.40
+50 " "	6.64	6.86
" gut	7.50	5.98
NL K = 00		
WL top cb	6.08	7.40
gut	6.60	6.88
1/4	6.37	7.11
C	6.18	7.30
C +8.6 top east rail of abandoned track	6.16	7.32
1/4	6.44	7.26
gut	6.48	7.20
≈ cb	5.63	7.85
TP	6.50	6.98 ON BM

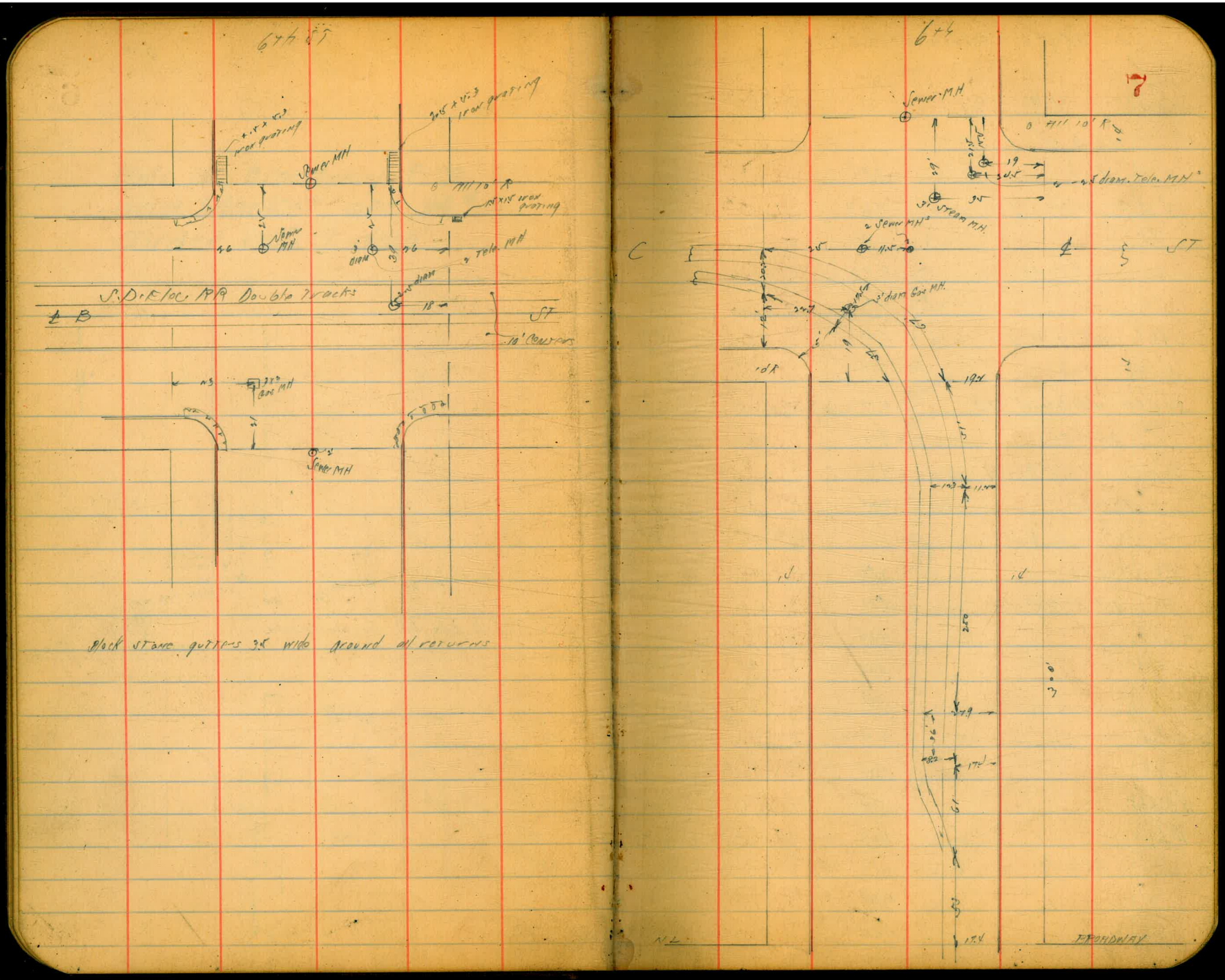

SL
Market
Island
Av
J
ST
Sewer MH
Tracks
Abandoned
Rails removed from Spurs to 11' North of K ST
2.5" diam Tele MH
Sewer MH
2.5" diam Tele MH
N
1%
1%
10
1% to 0.4 Culvert 1.25' x 0.4' inside
Seepage 21 + 2% for El. of Culvert
Tracks
Abandoned
all 10' R
Tele Conduit MH's 2.5" diam.
S.D. Elec. RR Double Track
℄ Market
ST
6'x8' Cleanout Cover
10' Centers
68'
3' dg. CO Gas MH.
16
Culvert Outlet 1.25' x 0.4' inside
Sewer MH
Abandoned
Culvert centered at 4 rails covered with steel plate


J St
F ST
300'
Fiberglass
17 Lum
80
40
Tele. M.H.
ST Conn
ST
80
3x3
BRS MH
All 10" R Sewer
Sewer MH


Broadway
J St
1 N
300' tracks
17.5'
all 10' R
3.5' wide paving
stone gutter
2.5' diam Tele MH
E
1 W
76'
Sewer MH
Tele MH.
3.5' diam Tele MH
3' sq Conc MH
2' City Sewer
Abandoned
F St
N L
14
1 N
Abandoned Tracks
Guard rail
Basement Below
10' R
1.4'x2' iron grating over sewer
Tele MH 2.5' diam.
18
3' Storm MH
S.D. Elec R.R. Double Track
℄ F
Sewer MH 1' N of ℄
3x3 Tele MH
3'x2' Water Gate
Sewer MH
Abandoned Tracks
10' R Return

Rails at Broadway, F St, and Market are 114#
Girder rails 7" deep




64th St
Sewer MH
Tele MH
S. Dr. Eloc. RR Double Tracks
Block stone gutters 3ft wide around all returns
64th
Sewer M.H.
Stream MH.
Broadway

Cross Section of 6th St — 80' W to 14 cb 13 1/2 S

			56.52	C of 6th
Window	5.91	62.43	56.64	
N L B St				
W cb Top		3.95	58.58	
W gut on grating		4.68	57.75	
1/4		4.32	58.11	
C [illegible]		4.00	58.43	
1/4		4.27	58.16	
gut on grating		4.62	57.81	
E cb Top		3.90	58.53	
Center NE Return Top		4.00	58.43	
" gutter		4.20	58.23	
Center of NW Return Top		4.00	58.43	
" gutter		4.24	58.19	
N cb of B St				
EL Top cb		3.96	58.47	
" gut on grating		4.70	57.73	
E cb		4.35	58.08	
1/4		4.24	58.18	
C		4.18	58.25	
1/4		4.24	58.21	
cb		4.25	58.18	
WL Cut		4.65	57.78	
WL Cut		4.04	58.39	
N 1/4 B				
WL		4.64	57.79	
cb		4.24	57.99	

Cross-Sections Plotted 8/21/29 - G.M.J.

6th 43 — 6th

1/4	4.24	57.99
P	4.20	58.03
1/4	4.24	57.99
cb	4.22	58.01
EL	4.25	57.98
N rail of N track		
E	4.24	57.99
℄ 6th	4.56	57.87
W	4.61	57.82
S rail of S track		
W	4.22	57.71
℄ 6th	4.48	57.95
E	4.41	58.02
S 1/4 of B		
EL	4.78	57.65
cb	4.66	57.77
1/4	4.27	57.86
C	4.61	57.82
1/4	4.63	57.80
cb	4.70	57.73
WL	4.81	57.62
S cb of B		
WL Top cb	5.06	57.37
gut	5.49	56.94
cb	5.31	57.12
1/4	5.06	57.37

	64.43		
C		V.87	57.58
I/V		N.9W	57.51
cb		V.76	57.17
gut on EL		V.49	56.96
EL Top cb		4.98	57.45
Center of SE return			
Top cb		V.0	57.43
gutter		V.49	56.94
Center of SW Return			
Top cb		V.0	57.43
gut		V.50	56.93
℄ L of B 100			
E cb Top		V.08	57.35
gut		V.63	56.80
I/V		V.VV	56.88
C MH Rim		V.V7	56.86
I/V		V.VV	56.88
gut		V.V7	56.86
W cb Top		V.01	57.42
0+50			
W cb Top		V.76	57.18
gut		5.84	56.59
I/V		V.69	56.74
C		V.63	56.80
I/V		V.VV	56.71
E cb gutter		V.5V	56.58
" Top		V.73	57.20

1+00	64.43		6+X
E Top cb		V.36	57.07
" gut		6.0V	56.38
I/V		V.0V	56.58
C		V.8N	56.61
I/V		V.83	56.60
gut		V.96	56.47
W cb Top		V.36	57.07
0+91			
E cb +8 Tele MH 2.5' diam		V.86	56.57
1+50			
W cb Top		V.X3	57.00
gut		6.18	56.25
+ 9.5' Gas MH 2.5' dia		5.57	56.56
I/V		V.96	56.47
C		V.93	56.50
I/V		6.06	56.37
gut		6.18	56.25
E cb Top		V.50	56.93
1+76			
E cb +H Tele MH 2.5' diam		6.09	56.34
1+91			
E cb +10 Tele MH 2.5' "		6.09	56.34
2+00			
E cb Top		V.6V	56.78
gut		6.30	56.13
I/V		6.11	56.32

	60.43			
C			6.04	56.39
1/4			6.17	56.28
gut			6.38	56.05
W cb Top			5.60	56.81
2+50				
Web Top			5.76	56.67
gut			6.50	55.93
1/4			6.30	56.13
C			6.29	56.14
1/4			6.27	56.16
gut			6.48	55.95
E cb Top			5.84	56.59
3700 NL CST	80' inside		12' cbs	13' 1/4 c
E cb Top			5.96	56.47
gut			6.60	55.81
1/4			6.50	55.93
C MH RIM			6.33	56.10
1/4			6.37	55.86
gut			6.35	55.85
W cb Top			5.93	56.50
T.P. on RM #56	61.38		5.91	56.52
N cb CUT				
-40 To cb			5.31	56.07
4 gut			6.02	55.36
WL To cb			4.86	56.52
gut			5.60	55.76

	61.38		6+6	
cb			5.60	55.78
1/4			5.40	55.98
C			5.84	56.04
1/4			5.44	55.94
cb			5.61	55.77
EL gut			5.50	55.88
" Top cb			4.85	56.53
+20			5.33	56.05
" To cb			4.60	56.73
N 1/4 of C				
EL			5.61	55.77
cb			5.74	55.66
1/4			5.44	55.96
C			5.50	55.88
1/4			5.60	55.78
cb			5.66	55.72
WL			5.87	55.51
& CST				
WL			5.87	55.51
cb			5.60	55.76
1/4			5.73	55.65
C			5.74	55.63
1/4			5.70	55.68
cb			5.84	55.53
EL			5.67	55.71

S 1/4 CST		
EL	V.83	55.55
cb	V.94	55.44
1/4	V.86	55.52
c	V.79	55.59
1/4	V.66	55.72
cb	V.86	55.52
WL	V.94	55.43
S cb of CST		
- 70 Top cb	V.62	55.56
" QUT	6.53	54.85
W Top cb	V.39	55.99
QUT	6.08	55.30
cb	V.97	55.41
1/4	V.80	55.58
C	V.76	55.62
1/4	V.92	55.46
QUT	6.00	55.38
EL QUT	6.02	55.36
" Top cb	V.38	56.00
+70 Top cb	V.08	56.30
" QUT	V.77	55.61
S L of CST=00		
E Top cb	V.70	55.98
QUT	6.12	55.26
1/4	6.03	55.35
C	V.88	55.50

1/4	6.00	55.38
W QUT	6.14	55.24
" Top cb	V.49	55.89
0+70		
W Top cb	6.V2	55.13
QUT	6.98	54.40
1/4	6.80	54.58
C	6.62	54.76
1/4	6.63	54.75
E QUT	6.80	54.58
" Top cb	6.15	55.23
1+00		
E Top cb	6.88	54.50
QUT	7.66	53.72
1/4	7.43	53.95
C	7.35	54.03
1/4	7.53	53.85
QUT	7.76	53.62
W Top cb	7.14	54.24
1+10		
W cb + 9 Gas MH mtg		
1+50	7.68	53.70
W cb Top	7.90	53.48
QUT	8.32	52.84
1/4	8.30	53.08
C	8.19	53.19

1/4		8.2N	53.13
E qu T		8.30	53.08
E cb Top		7.66	53.72
1+25			
E cb +4 Tele MH. 2.5' diam		8.00	53.38
1+79			
E cb +7 " " "		8.6S	52.73
2+00			
E cb Top		8.4S	52.93
qu T		9.10	52.28
1/4		8.99	52.45
C		8.99	52.45
1/4		9.06	52.32
qu T		9.3N	52.06
W Top cb		8.68	52.70
2+04N			
W cb + 9S Gas MH 2.5' dia		9.1S	52.23
2+50			
W cb Top		9.5N	51.86
qu T		10.29	51.09
1/4		9.90	51.48
C		9.80	51.58
1/4		9.7N	51.66
qu T		9.8N	51.56
E cb Top		9.18	52.20

3+00 NL Broadway
80' wide 14' cb 13' 1/2

E Top cb		9.9N	51.46
qu T		10.5S	50.87
1/4		10.6N	50.76
C		10.60	50.78
1/4		10.70	50.68
W qu T		10.90	50.48
W cb Top		10.23	51.15
T.P 5.13	56.16	10.8S	51.03
N cb Broadway			
-20		5.5E	50.58
"		6.19	49.97
W L Top cb		5.5	50.98
qu T		5.8N	50.34
cb		5.75	50.38
1/4		5.61	50.55
C		5.5N	50.64
1/4		5.44	50.72
cb		5.4	50.75
El qu T		5.2N	50.92
" Top cb		4.6	51.55
+20 Top cb		4.41	51.75
" qu T		5.07	51.09
N 1/4 Broadway			
El		5.37	50.79
cb		5.47	50.69
1/4		5.5S	50.61

	V6.06		
C	V.70	6.46	50.46
1/4	V.73	6.43	50.43
cb	V.91	6.25	50.25
W/L	6.03	6.13	50.13
Top N rail of N track			
W/	6.07	6.09	50.09
℄ 6+4	V.38	6.38	50.38
E	V.36	6.80	50.80
S rail of S track			
E	V.NV	6.71	50.71
℄ 6+4	V.77	6.39	50.39
W	6.19	6.97	49.97
S 1/4 Broadway			
W/	6.NN	6.94	49.94
cb	6.23	6.93	49.93
1/4	V.86	6.30	50.30
C	V.8N	6.34	50.34
1/4	V.80	6.36	50.36
cb	V.8N	6.34	50.34
E	V.70	6.46	50.46
S cb Broadway			
-N0 Top cb	N.98	7.18	51.18
-N0 gut	V.76	6.40	50.40
E1 Top cb	V.16	7.00	51.00
E1 gut	V.8X	6.32	50.32
cb	V.99	6.17	50.17

	V6.06		64
1/4	V.93	6.23	50.23
C	V.8V	6.31	50.31
1/4	6.00	6.16	50.16
+ 6V edge barricade	6.N6	5.90	49.90
SL Broadway = 0+00			
Web + 6.V	6.79	5.87	49.87
1/4	6.19	5.97	49.97
C R.M. MH	V.85	6.31	50.31
1/4	6.0V	6.12	50.12
E gut	V.99	6.17	50.17
E cb Top	V.33	6.83	50.83
0+50.			
E Top cb	6.66	5.50	49.50
gut	7.30	4.86	48.86
1/4	7.N0	4.96	48.96
C	7.1N	5.04	49.04
1/4	7.N8	4.88	48.88
+ 6.5 - edge barricade	7.41	4.75	48.75
0+74			
W cb + 9.V Exx MH W ag	7.90	4.26	48.26
0+87			
E cb + 6/ Telep xxxx MH	8.01	4.15	48.15
1+00			
W cb Top	8.N7	3.89	47.89
gut	8.87	3.29	47.29
1/4	8.83	3.63	47.63

			V6.06
C		8.3X	47.82
1/4		8.38	47.78
qvT		8.70	47.46
E cb Top		7.98	48.18
1+V0			
E cb Top		9.1V	47.02
qvT		9.7X	46.42
1/4		9.V6	46.60
C		9.V0	46.66
1/4		9.7X	46.42
qvT		9.9V	46.21
W cb Top		9.40	46.76
1+VV			
W cb + qvT 3' sq Bas MH		9.81	46.35
2+00			
W cb Top		10.61	45.55
qvT		11.16	45.00
1/4		10.88	45.28
C		10.7N	45.44
1/4		10.80	45.36
qvT		10.77	45.39
E cb Top		10.06	46.10
T.P. 2N!	48.93	9.VV	46.72
2+VV			
W cb + qvT 2.5' sq Bas MH		4.67	44.26

			46.93	6+7
2+50				
E Top cb		4.N8	44.55	
qvT		V.07	43.86	
1/4		4.88	44.05	
C		4.9N	44.01	
1/4		4.89	44.10	
qvT		V.08	43.85	
W cb Top		4.X0	44.53	
1+00 ± N of E ST = 80' W of W cb 13' 1/2 S				
W Top cb		V.6V	43.28	BM at
qvT		6.N7	42.66	6+7 ± C
1/4		6.0V	42.89	assumed
C		V.99	42.94	to be
1/4		6.09	42.84	N.G.
qvT		6.78	42.75	
E cb Top		V.VV	43.48	.90 dif.
N cb of E ST 80' W of W				in BM's
-20 Top cb		V.NV	43.69	
" qvT		6.0N	42.91	
EL Top cb on BRDM		V.49	43.44	V3.VV
qvT		6.3N	42.61	0.10 dif.
cb		6.V7	42.46	
1/4		6.2N	42.61	
C		6.NV	42.69	
1/4		6.N1	42.72	
cb		6.VV	42.48	
W qvT		6.3V	42.59	
W cb Top		V.6P	43.25	
+20 " "		V.9N	43.01	
+20 qvT		6.V9	42.34	

14

6+00 EST
NE
43.3V = BM
9.VT
V0.09
0.NT
10.3V
9.VV
V9.89
3.47
V6.VT = NW & N
CT&TS

N 1/2 EAST

WL	6.59	42.34
cb	6.62	42.31
1/4	6.48	42.51
C	6.52	42.48
1/4	6.56	42.37
cb	6.73	42.20
EL	6.52	42.39

S E

EL	6.68	42.25
gut	6.96	41.97
1/4	6.72	42.21
C	6.58	42.35
1/4	6.54	42.39
gut	6.82	42.11
WL	6.63	42.30

S 1/4 E

WL	6.96	41.97
cb	7.07	41.86
1/4	6.73	42.20
C	6.73	42.20
1/4	6.92	42.00
cb	7.08	41.85
EL	7.00	41.93

S cb E

-20 Top cb	6.35	42.58
" gut	6.94	41.99

6+4

EL Top	6.63	42.30
gut	7.14	41.78
cb	7.29	41.64
1/4	7.04	41.89
C	6.81	42.12
1/4	6.94	41.99
cb	7.31	41.62
N gut	7.25	41.68
W cb Top cb	6.62	42.31
+20 Top "	6.90	42.03
" gut	7.58	41.35

S L E = 0+00

W Top cb	6.64	42.29
gut	7.33	41.60
1/4	7.23	41.70
C	7.04	41.89
1/4	7.29	41.64
E gut	7.35	41.58
E cb Top	6.62	42.31

0+50

E Top cb	7.55	41.38
gut	8.21	40.72
1/4	8.08	40.85
C	7.92	41.01
1/4	8.04	40.89
gut	8.37	40.56
W Top cb	7.65	41.28

48.93

1+00		
W/ Top cb	8.49	40.44
gut	9.1N	39.81
1/4	8.8N	40.08
C.	8.86	40,07
1/4	9.0N	39.91
E gut	9.0	39.73
E Top cb	8.50	40.43
1+01		
W cb + 9N 24" dia Gas MH	8.83	40.10
1+46		
E cb + 6' 24" dia Tele MH	9.89	39.04
1+50		
E Top cb	9.37	39.56
gut	10.18	38.75
1/4	9.91	39.02
C	9.80	39.13
1/4	9.80	39.13
gut	10.07	38.86
W cb Top	9.4N	39.48
2+00		
W Top cb	10.40	38.53
gut	11.00	37.93
1/4	10.87	38.06
C	10.7N	38.18
1/4	10.73	38.20
gut	10.9N	37.98
E cb Top	10.70	38.73

48.93

2+01			
W cb + 9N 24" dia Gas MH		10.80	38.13
T.P.	2.68	41.62 10.79	38.14
2+50			
E Top cb		3.90	37.62
gut		4.63	36.99
1/4		4.N1	37.11
C		4.50	37.32
1/4		4.43	37.19
W gut		4.47	37.15
W cb Top		3.89	37.73
3+00 = NL E ST 80' wide 14' cb 13'1/2"			
W cb Top		4.97	36.65
gut		5.46	36.16
1/4		5.37	36.25
C		5.30	36.32
1/4		5.N7	36.17
E gut		5.50	36.12
E cb Top		4.91	36.71
N cb E ST			
N0 Top cb		4.NN	37.10
" gut		5.16	36.46
EL Top cb		4.8N	36.77
" gut		5.NN	36.10
cb		5.N8	36.04
1/4		5.N9	36.03

C		5.41	36.21
1/4		5.47	36.15
cb		5.55	36.07
W/ gut		5.62	36.00
INT Top cb		4.98	36.64
+20 " W		5.22	36.40
" gut		5.86	35.76
N 1/4			
W+		5.55	36.07
cb		5.52	36.10
1/4		5.68	35.97
c		5.56	36.06
1/4		5.62	36.00
cb		5.59	36.05
S Not cb - 1.4x4 iron grating rob		5.77	35.85
E L		5.57	36.05
N rail of N track			
E L		5.51	36.11
E 6+4		5.61	36.01
W L		5.64	35.98
S rail of S track			
W L		5.71	35.89
E 6+4		5.70	35.92
E L		5.63	35.99
S 1/4 of F			
E L		5.83	35.79

center of disturbed grating

cb		5.64	35.80
1/4		5.76	35.86
C		5.72	35.90
1/4		5.58	36.04
cb		5.69	35.93
W+		5.80	35.82
S cb of F			
+20 Top cb		5.87	35.75
" gut		6.38	35.24
W+ Top cb on BP BM		5.50	36.12
W+ gut		5.73	35.89
cb		6.00	35.60
1/4		5.68	35.94
C		5.73	35.89
1/4		5.79	35.83
cb		6.00	35.60
E gut		5.57	35.77
E Top cb		5.38	36.24
+20 Top cb		5.00	36.62
" gut		5.48	36.14
S L FST = 0+00			
E Top cb		5.37	36.25
gut		6.12	35.50
1/4		5.95	35.67
e		5.82	35.80
1/4		5.96	35.66

36.13 ~~all dk~~

41.62

SL FST

W gut	6.52	35.39
W cb Top	5.55	36.07
0+50		
W Top cb	6.55	35.40
gut	6.89	34.73
1/4	6.65	34.98
C	6.50	35.12
1/4	6.69	34.93
gut	6.65	34.97
E cb Top	6.05	35.60
1+00		
E Top cb	6.69	34.93
gut	7.25	34.30
1/4	7.23	34.39
C	7.14	34.48
1/4	7.09	34.53
+35 3.5 sq Gas MH	7.05	34.57
W gut	7.56	34.06
W cb Top	6.90	34.72
1+50		
W cb Top	7.54	34.08
gut	8.14	33.48
1/4	7.90	33.72
C	7.80	33.82
1/4	7.87	33.75
# gut	7.90	33.72
E cb Top	7.26	34.34

41.62

64

18

1+76			
W cb Top 3.5 sq Gas MH	8.38	33.24	
2+00			
E cb Top	7.92	33.70	
gut	8.55	33.07	
1/4	8.44	33.18	
C	8.42	33.20	
1/4	8.65	32.97	
gut	8.93	32.69	
W Top cb	8.55	33.37	pretty old MH
2+50			
W cb Top	9.21	32.41	
gut	9.73	31.89	
1/4	9.36	32.24	
C	9.07	32.55	
1/4	9.22	32.50	
gut	9.26	32.36	
E Top cb	8.50	33.12	
T.P. 48'	37.52	8.91	32.71
3+00 = NL Gut 50' wide		14' cb 13 1/4	
E Top cb		5.08	32.44
gut		5.69	31.83
1/4		5.67	31.85
C		5.64	31.88
1/4		5.86	31.66
gut		6.29	31.23
W Top cb		5.65	31.87

N cb GST			
∽ 20 Top cb	6.02	31.52	
" gut	6.63	30.89	
W L Top cb	5.94	32.00	
" gut	5.86	31.66	
W cb 6th	6.05	31.17	
1/4	5.88	31.64	
C	5.77	31.75	
1/4	5.83	31.69	
cb	5.84	31.68	
EL gut	5.80	31.70	
" Top cb	5.44	32.30	
+ 20 Top cb	4.94	32.58	
" gut	5.49	32.03	
N 1/4 Cor			
EL	5.94	31.60	
cb	6.05	31.47	
1/4	5.96	31.56	
C	6.04	31.48	
1/4	6.16	31.36	
cb	6.79	30.93	
W L	6.43	31.29	
℄ G			
W L	6.49	31.03	
cb	6.68	30.84	
1/4	6.39	31.23	

C	6.44	31.30	
1/4	6.43	31.29	
cb	6.49	31.23	
EL	5.93	31.59	
S 1/4			
EL	6.33	31.19	
cb	6.47	31.05	
1/4	6.43	31.09	
C	6.38	31.14	
1/4	6.49	31.03	
cb	6.84	30.68	
W L	6.74	30.78	
∫ cb G			
N ∽ 20 Top cb	7.05	30.47	
" gut	7.68	29.84	
W L Top	6.57	30.95	
" gut	6.94	30.60	
cb	7.43	30.29	
1/4	6.60	30.92	
C	6.50	31.02	
1/4	6.57	30.95	
cb	6.77	30.75	
EL gut	6.63	30.89	
" Top cb on DPDM	6.05	31.47	31.47
+ 20 " "	5.80	31.72	~~31.44~~
"	6.24	31.28	

SL Set = 0400	37.52		
E cb Top	6.1N	31.40	
qvT	6.8N	30.68	
1/4	6.81	30.71	
C	6.7N	30.80	
1/4	6.86	30.66	
qvT	7.30	30.22	
W Top cb	6.6N	30.90	
0+50			
W Top cb	7.46	30.06	
qvT	8.1N	29.40	
1/4	7.6S	29.87	
c	7.67	29.85	
1/4	7.56	29.96	
E qvT	7.7N	29.80	
E cb Top	7.00	30.52	
1+00			
E Top cb	7.9N	29.60	
qvT	8.56	28.96	
1/4	8.66	28.86	
c	8.50	29.02	
1/4	8.5S	28.97	
+35 .5 sq Gas MH	8.60	28.92	
qvT	9.0X	28.48	
W Top cb	8.46	29.06	
1+45			
E cb + 6 .5 diam Tele. MH.	9.2S	28.27	

	37.52		
1+50			
W Top cb	9.3S	28.17	
qvT	9.98	27.54	
1/4	9.49	28.03	
c	9.49	28.03	
1/4	9.53	27.99	
qvT	9.46	28.06	
E Top cb	8.8N	28.70	
2+00			
E Top cb	9.7S	27.77	
qvT	10.39	27.13	
1/4	10.36	27.16	
c	10.29	27.23	
1/4	10.41	27.11	
qvT	10.87	26.65	
W Top cb	10.24	27.28	
2+19			
Wcb + 9S .5 sq Gas MH	10.8N	26.70	
2+50			
Wcb Top	11.07	26.45	
qvT	11.79	25.73	
1/4	11.36	26.16	
c	11.23	26.29	
1/4	11.30	26.22	
qvT	11.26	26.26	
E Top cb	10.63	26.89	
T.P. 2.93	30.21	10.2N	27.28

3700 = NL Market 100' wide 16' cbs 17'1/4'		
E Top cb	4.18	26.03
QUT	4.80	25.41
1/4	4.90	25.31
C	4.85	25.36
1/4	4.92	25.29
QUT = Flowline of Inlet Culvert	5.38	24.83
Top Culvert	4.77	25.44
W Top cb	4.72	25.49
N cb Market		
" Top cb	5.20	25.01
" QUT	5.86	24.35
WL Top cb	4.68	25.53
QUT	5.20	25.01
W cb	5.08	25.13
1/4	5.04	25.17
C	5.04	25.17
1/4	4.94	25.27
cb	5.03	25.18
EL QUT	4.92	25.29
" Top cb	4.21	26.00
4 20 Top cb	4.08	26.13
" QUT	4.85	25.36
N 1/4 = 17° 1/4'		
EL	5.00	25.21
cb	5.20	25.01
1/4	5.16	25.05

C	5.26	24.95
1/4	5.30	24.91
cb	5.30	24.91
WL	5.49	24.72
N Point of N Track		
WL	5.59	24.62
W cb	5.37	24.84
E	5.40	24.81
E cb	5.27	24.94
EL	5.04	25.17
S rail of S Track		
EL	5.16	25.05
E cb	5.37	24.84
E	5.20	24.71
W cb	5.32	24.69
WL	5.68	24.53
S 1/4		
WL	6.02	24.19
cb	5.73	24.48
1/4	5.68	24.53
C	5.56	24.65
1/4	5.71	24.50
cb	5.61	24.60
EL	5.49	24.72

Scb of Market		
-50 Top cb	5.27	24.94
" gut.	5.85	24.36
E L Top cb	5.38	24.87
" gut	5.91	24.30
cb	5.95	24.26
1/4	5.90	24.31
C	5.71	24.50
1/4	5.86	24.35
cb	5.95	24.29
W/L gut	6.35	23.99
" Top cb	5.78	24.43
+50 " "	6.25	23.96
" gut	6.95	23.26
SL Market 0+00		
W cb Top	5.85	24.39
" Top Culvert	5.96	24.25
W gut flowline "	6.50	23.71
1/4	6.11	24.10
C	5.89	24.32
1/4	6.07	24.14
gut	5.99	24.22
E Top cb	5.34	24.87
SL +5		
℄ Top rim Sewer MH	5.99	24.22

0+50		
E Top cb	6.24	23.97
gut	6.83	23.38
1/4	6.87	23.34
C	6.83	23.39
1/4	7.01	23.20
gut	7.25	22.76
W cb Top	6.81	23.40
SCBP Market & 6th	5.30	24.91
1+00		
W cb Top	7.60	22.61
gut	8.29	21.92
1/4	7.95	22.26
C	7.79	22.42
1/4	7.84	22.37
gut	7.89	22.32
E cb Top	7.13	23.08
1+45		
E cb + 3 3 diam Tele MH	8.38	21.83
1+50		
E cb	8.09	22.12
gut	8.70	21.51
1/4	8.70	21.51
C	8.77	21.44
1/4	8.75	21.46
gut	9.16	21.05
W cb Top	8.26	21.65

	30.21			
2+00				
W cb Top		9.49	20.44	
gut		10.04	20.17	
1/4		9.66	20.55	
c		9.52	20.69	
1/4		9.60	20.61	
gut		9.65	20.56	
E cb Top		8.97	21.24	
2+50				
E cb Top		9.83	20.38	
gut		10.50	19.71	
1/4		10.60	19.61	
c		10.51	19.70	
1/4		10.45	19.77	
gut		11.01	19.19	
W cb Top		10.39	19.82	
T.P. 4.67	24.53	10.35	19.86	—
3+00 ML Island = 8' wide 16' cbs 13' 1/4 S				
W cb Top		5.60	18.93	
gut		6.11	18.42	
1/4		5.76	18.77	
c		5.66	18.87	
1/4		5.72	18.81	
gut		5.81	18.72	
E cb Top		5.11	19.34	
N cb				
-20 Top curb		5.07	19.46	

	24.53			6+47
-20 gut		5.74	18.79	
EL Top cb		5.14	19.41	
" gut		5.79	18.74	
cb		5.92	18.58	
1/4		5.92	18.58	
c		5.90	18.63	
1/4		6.10	18.43	
cb		6.30	18.23	
WL (E) gut		5.97	18.56	
WL (W) cb Top		5.61	18.92	
+20 " "		6.10	18.43	
" gut		6.63	18.90	
N 1/4				
INL		6.49	18.24	
cb		6.50	18.03	
1/4		6.21	18.32	
c		6.09	18.44	
1/4		6.18	18.35	
cb		6.15	18.38	
EL		5.85	18.68	
℄ Island				
EL		5.92	18.61	
cb		6.32	18.21	
1/4		6.34	18.19	
c		6.21	18.32	
1/4		6.32	18.21	

24.53

W cb	6.7N	17.81
WL	6.5N	18.02
∫ 1/4		
WL	6.76	17.77
cb	6.99	17.54
1/4	6.4N	18.08
c	6.41	18.12
1/4	6.5N	18.02
cb	6.50	18.03
EL	6.2N	18.28
∫ cb		
-20 Top cb	5.9N	18.58
-20 QUT	6.57	17.96
EL Top cb	6.09	18,44
" QUT	6.6N	17.91
cb	6.6N	17.91
1/4	6.65	17.85
c	6.6N	17.91
1/4	.66N	17.89
cb	7.09	17.44
WL QUT	6.96	17.57
" Top cb SW of Island +676	6.68	17.85
+20 "	6.88	17.65
" QUT	7.2N	17,01

2+3=5
4.67
19.76
8.91
=8.67
3.80
=4.87
3.491
0.10 error
r

NG
17.97
0.2N error
.12

24.53

6+4

24

SI Island		
W cb Top	6.5N	17.94
QUT	7.16	17.27
1/4	6.59	17.64
c Seiner MH RIM	6.6N	17.89
1/4	6.8N	17.71
QUT	6.9N	17.61
E cb Top	6.16	18.37
0450		
E cb Top	7.01	17.52
QUT	7.67	16.86
1/4	7.67	16.86
c	7.59	16.94
1/4	7.6N	16.91
QUT	8.10	16.43
W cb Top	7.2N	17.08
1700		
W cb Top	8.36	16,27
QUT	8.96	15.57
1/4	8.4N	16.11
c	8.44	16.09
1/4	8.4N	16.11
QUT	8.44	16.09
E cb Top	7.85	16,68

		24.53				18.52	
1+50							
E cb Top			8.68	15.65			
Gut			9.23	15.20			
+ 4 3.5 diam Tele. MH			9.10	15.33			
1/4			9.32	15.21			
c			9.33	15.20			
1/4			9.30	15.23			
gut			9.79	14.74			
W cb Top			9.11	15.42			
2+00							
W cb Top			9.99	14.54			
gut			10.63	13.90			
1/4			10.11	14.42			
c			10.02	14.51			
1/4			10.02	14.51			
gut			10.03	14.50			
E cb			9.40	15.13			
T.P.	3.45	18.52	9.46	15.07			
2+50							
E cb Top			4.49	14.23			
gut			4.86	13.66			
1/4			4.84	13.68			
c			4.88	13.64			
1/4			4.92	13.60			
gut			5.30	13.22			
W cb Top			4.75	13.87			

						18.52	6+4
V400 = N.L. J ST 80' wide W/CB 13' 1/4 S							
W cb Top					5.56	12.96	
gut					6.10	12.42	
1/4					5.71	12.81	
c					5.67	12.87	
1/4					5.68	12.84	
gut					5.65	12.87	
E cb Top					5.06	13.46	
N cb J ST							
~20 Topcurb					4.90	13.62	
" gut					5.48	13.04	
E L Topcb					5.22	13.30	
gut					5.70	12.82	
cb					5.86	12.66	
1/4					5.82	12.70	
c					5.92	12.60	
1/4					5.84	12.68	
cb					6.27	12.27	
W gut					5.90	12.62	
WL Topcb					5.60	12.92	
+20 " "					5.84	12.68	
" gut					6.40	12.12	
N 4							
WL					6.24	12.28	
cb					6.49	12.03	
1/4					6.08	12.44	
c					6.04	12.48	

1/4	5.97	12.55
cb	5.93	12.59
EL	5.77	12.75
C JST		
EL	5.93	12.59
cb	6.19	12.33
1/4	6.22	12.30
c	6.25	12.27
1/4	6.18	12.34
cb	6.66	11.86
WL	6.37	12.15
S 1/4		
WL	6.68	11.84
cb	6.90	11.62
1/4	6.35	12.17
c	6.44	12.08
1/4	6.41	12.11
cb	6.35	12.17
EL	6.26	12.26
S cb JST		
-20 Top cb	5.90	12.62
" gut	6.45	12.07
EL Top cb	6.11	12.41
" gut	6.51	12.01
cb	6.58	11.94
1/4	6.60	11.92

C	6.57	11.95
1/4	6.61	11.91
cb	7.10	11.42
WL Top cb JWSP JT 6+4	6.60	11.92
" gut	6.89	11.63
+20 Top cb	6.50	11.72
" gut	7.25	11.20
SL JST=0+00		
W cb Top	6.64	11.88
gut	7.16	11.36
1/4	6.77	11.75
c RIM Sewer MH	6.76	11.76
1/4	6.70	11.82
gut	6.75	11.80
E cb Top	6.15	12.40
0+50		
E cb Top	6.84	11.68
gut	7.48	11.04
1/4	7.46	11.06
c	7.43	11.09
1/4	7.54	10.98
gut	7.94	10.58
W cb Top	7.35	11.20
1+00		
W cb Top	8.16	10.36
gut	8.79	9.73

11.94 ~~error~~

18.52

1/4	8.30	10.22
C	8.19	10.33
1/4	8.29	10.23
QUT	8.32	10.20
E cb Top	7.60	10.92
1+50		
E cb Top	8.40	10.12
QUT	9.06	9.46
1/4	9.06	9.46
C	8.92	9.57
1/4	9.08	9.44
QUT	9.42	8.98
W cb Top	8.86	9.66
2+00		
W cb Top	9.68	8.84
QUT	10.32	8.18
1/4	9.82	8.77
C	9.66	8.86
1/4	9.81	8.71
QUT	9.86	8.66
E cb Top	9.12	9.40
2+50		
E cb Top	9.90	8.62
QUT	10.56	7.96
1/4	10.53	7.99
C	10.43	8.09

18.52

6th

26

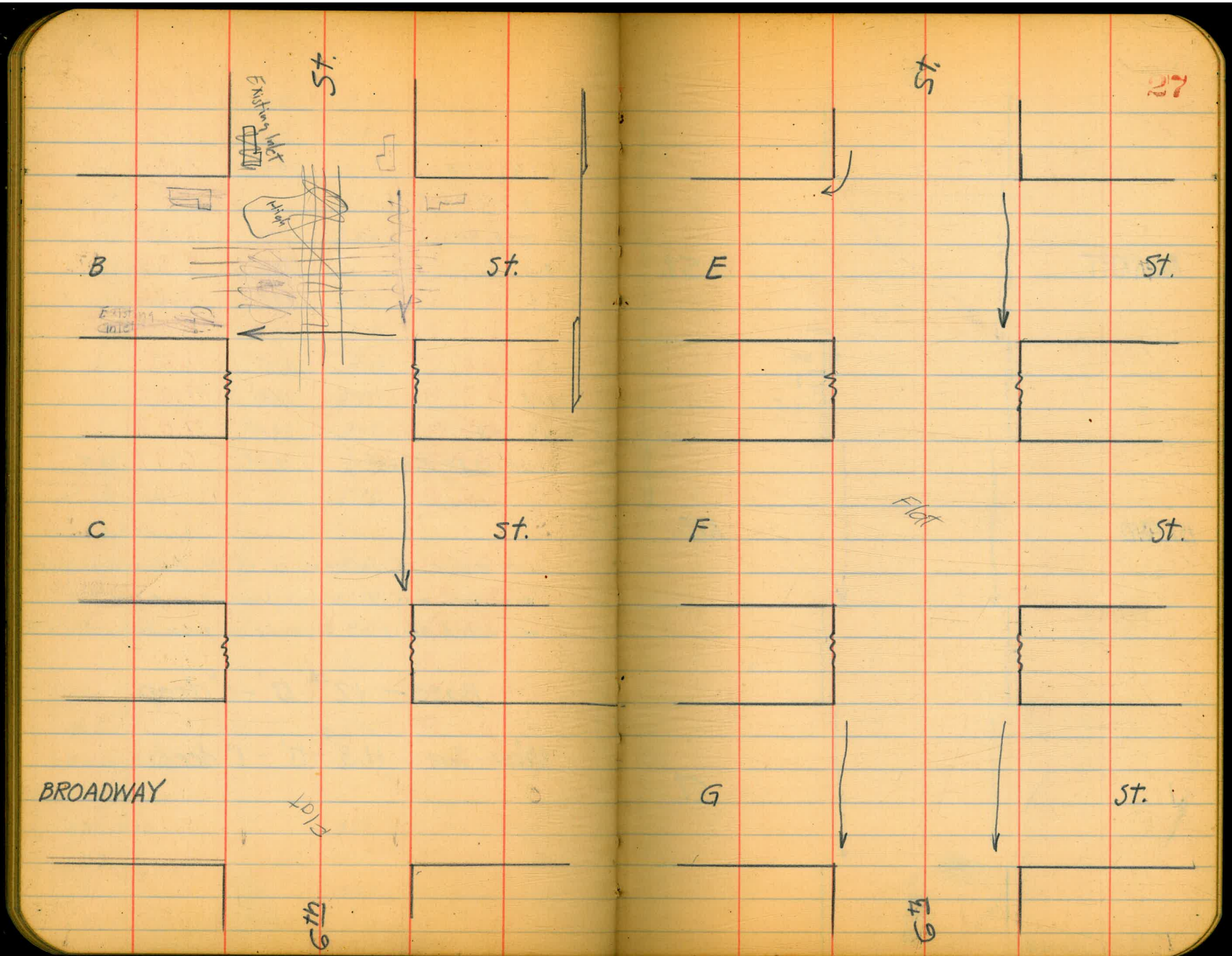
1/4	10.07	7.85
QUT	11.10	7.42
W cb Top	10.51	8.01
3+00 = NL K ST		
W Top cb	11.14	7.38
QUT	11.03	6.89
1/4	11.38	7.14
C	11.26	7.26
1/4	11.27	7.25
QUT	11.30	7.22
E cb Top	10.64	7.87
check SEBP K+6th	11.52	6.97

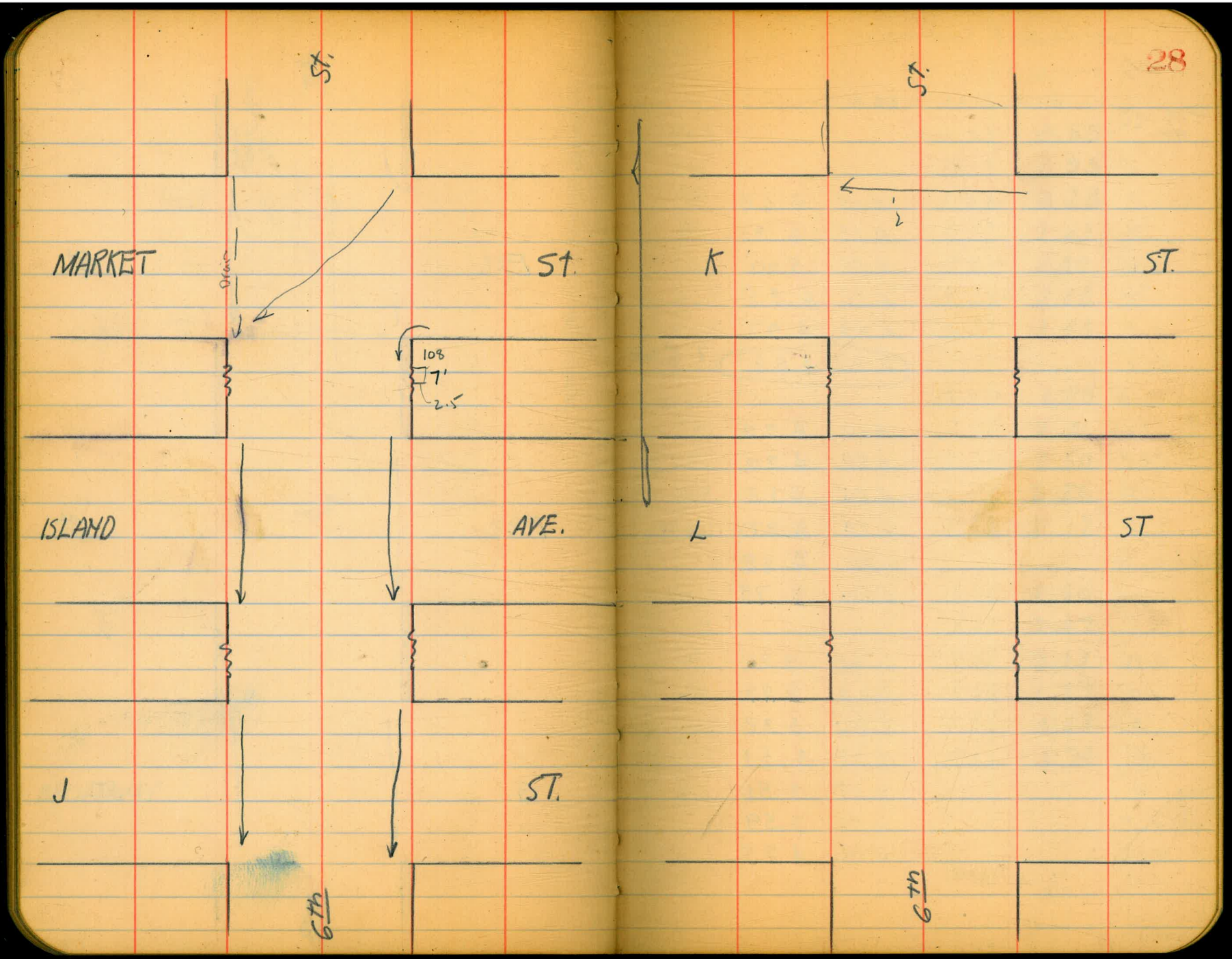
6.98 ~~all error~~

The flowline of the majority of the drains thru curb are flush with the existing pavement in gutters. Will stand about 1" surfacing in gutter both sides of 6th.

Base – 12# □' – 1" deep

Wear-Sur – 11.5# – □' – 1" deep


St.
Existing Inlet
Inlet
B
St.
Existing Inlet
C
St.
BROADWAY
6th
St.
E
St.
Flat
F
St.
G
St.
6th


MARKET
ST.
ISLAND
AVE.
J
ST.
108
7'
2.5
K
ST.
L
ST

Additional Sections on 6th St from L to K

4/29/09 Location.

0+00 = SL K St.

BPSE 6th & K BM.	4.03	10.00	6.97	
		11.00		
0+25				
w gut (cont.)			5.40	5.60
1/4			5.19	5.81
℄			5.00	6.00
1/4			5.15	5.85
gut			5.03	5.97
Ecb			5.38	5.62
0+75				
Ecb			5.10	5.90
gut			5.80	5.20
1/4			5.85	5.15
℄			5.73	5.27
1/4			5.88	5.12
w gut (cont.)			6.22	5.78
1+25				
wcb			6.30	5.70
gut			7.03	4.97
1/4			6.68	5.32
℄			6.47	5.53
1/4			6.49	5.51
gut			6.41	5.59
Ecb			5.75	5.25

? 6.62

1+75		10.00		
Ecb			6.42	5.58
gut			7.05	4.95
1/4			7.22	4.78
℄			6.97	5.03
1/4			7.20	4.80
gut			7.62	4.38
wcb			6.97	5.03
2+25				
w gut (Drive)			8.22	3.78
1/4			7.99	4.01
℄			7.50	4.50
1/4			7.74	4.26
E gut (Drive)			7.83	4.17
2+75				
E gut (Drive)			8.50	3.50
1/4			8.51	3.49
℄			7.87	4.13
1/4			8.63	3.37
gut			8.87	3.13
wcb			8.26	3.74

0+00 = S.L. B

B.M.	5.19	61.71	56.52	Hole X in GEC.
0+25				
wcb		4.40	57.31	
gut		5.09	56.62	
¼		4.85	56.86	
℄		4.72	56.99	
¼		4.89	56.82	
gut		5.03	56.68	
Ecb		4.41	57.30	
0+75				
Ecb		4.68	57.03	
gut		5.28	56.43	
¼		5.17	56.54	
℄		5.07	56.64	
¼		5.07	56.64	
gut		5.17	56.54	
wcb		4.63	57.08	
1+25				
wcb		4.84	56.87	
gut		5.36	56.35	
¼		5.18	56.53	
℄		5.14	56.57	
¼		5.30	56.41	
gut		5.47	56.24	
Ecb		4.80	56.91	

1+75			
Ecb		4.90	56.81
gut		5.58	56.13
¼		5.41	56.30
℄		5.29	56.42
¼		5.35	56.36
gut		5.57	56.14
wcb		4.88	56.83
2+25			
wcb		5.01	56.70
gut		5.74	55.97
¼		5.52	56.19
℄		5.55	56.16
¼		5.47	56.24
gut		5.72	55.99
Ecb		5.05	56.66
2+75			
Ecb		5.25	56.46
gut		5.86	55.85
¼		5.69	56.02
℄		5.58	56.13
¼		5.68	56.03
gut		5.87	55.84
wcb		5.15	56.56
3+00 = N.L. C			
T.P.	1.40	57.93 ft	5.19	56.52

	93 57.92		
0+00 = SL. C.			
0 +25			
wcb		2.46	55.47
gut		3.03	54.90
¼		2.96	54.97
℄		2.80	55.13
¼		2.75	55.18
gut		3.08	54.86
Ecb		2.32	55.61
0+75			
Ecb		3.10	54.83
gut		3.83	54.10
¼		3.54	54.37
℄		3.55	54.38
¼		3.73	54.20
gut		3.97	53.96
wcb		3.32	54.61
1+25			
wcb		4.17	53.76
gut		4.72	53.21
¼		4.51	53.42
℄		4.43	53.50
¼		4.47	53.46
gut		4.54	53.39
Ecb		3.81	54.12

	93 57.92		
1+75			
Ecb		4.61	53.32
gut		5.25	52.68
¼		5.12	52.81
℄		5.15	52.78
¼		5.33	52.60
gut		5.54	52.39
wcb		4.85	53.08
2+25			
wcb		5.68	52.25
gut		6.41	51.52
¼		6.06	51.87
℄		5.92	52.01
¼		5.88	52.05
gut		6.07	51.86
Ecb		5.44	52.49
2+75			
Ecb		6.14	51.79
gut		6.80	51.13
¼		6.77	51.16
℄		6.82	51.11
¼		6.87	51.06
gut		7.26	50.67
wcb		6.51	51.42
3+00 = N.L. Bdway.			
T.P.	1.22	51.69	7.47 50.45

0+00 = St Edward	.69 51.67		
0+25			
wcb		1.67	50.02
gut		2.46	49.23
¼		2.20	49.49
℄		1.98	49.71
¼		2.10	49.59
gut		2.19	49.50
Ecb		1.53	50.16
0+75			
Ecb		2.82	48.87
gut		3.38	48.31
¼		3.24	48.45
℄		3.24	48.45
¼		3.40	48.29
gut		3.95	47.75
wcb		3.00	48.69
1+25			
wcb		4.40	47.29
gut		4.91	46.78
¼		4.65	47.05
℄		4.52	47.17
¼		4.48	47.21
gut		4.57	47.12
Ecb		3.94	47.75

1+75	.69 51.67			
Ecb			5.32	46.37
gut			5.91	45.78
¼			5.67	46.02
℄			5.58	46.11
¼			5.70	45.99
gut			6.17	45.52
wcb			5.52	46.17
2+25				
wcb			6.65	45.04
gut			7.35	44.34
¼			7.06	44.63
℄			6.93	44.76
¼			6.95	44.74
gut			7.14	44.55
Ecb			6.54	45.15
TP	0.40	44.09	7.98	43.69
2+75				
Ecb			0.06	44.06
gut			0.81	43.31
¼			0.68	43.44
℄			0.66	43.46
¼			0.62	43.50
gut			0.87	43.25
wcb			0.19	43.93

44.09 12

0+00 = G.L. E.

0+25		
wcb	2.30	41.82
gut	3.00	41.12
¼	2.78	41.34
℄	2.74	41.38
¼	2.80	41.32
gut	3.06	41.06
Ecb	2.26	41.86
0+75		
Ecb	3.20	40.92
gut	3.94	40.18
¼	3.75	40.37
℄	3.55	40.57
¼	3.74	40.38
gut	3.97	40.15
Wcb	3.27	40.85
1+25		
wcb	4.16	39.96
gut	4.87	39.25
¼	4.52	39.60
℄	4.49	39.63
¼	4.67	39.45
gut	4.82	39.30
Ecb	4.08	40.04

44.09 12

1+75		
Ecb	5.07	39.05
gut	5.76	38.36
¼	5.52	38.60
℄	5.45	38.67
¼	5.49	38.63
gut	5.78	38.34
wcb	5.12	39.00
2+25		
wcb	6.05	38.07
gut	6.61	37.51
¼	6.48	37.64
℄	6.35	37.77
¼	6.41	37.71
gut	6.57	37.65
Ecb	5.94	38.18
2+75		
Ecb	6.88	37.24
gut	7.61	36.51
¼	7.52	36.60
℄	7.44	36.68
¼	7.38	36.74
gut	7.66	36.46
Wcb	6.96	37.16
3+00 = N.L.F		
T.P. 2.35	38.97	7.51 36.58

0+00=SL. F.	38.93		
0+25			
Wcb		3.15	35.82
gut		3.85	35.12
¼		3.59	35.38
℄		3.48	35.49
¼		3.62	35.35
gut		3.76	35.21
Ecb		3.12	35.85
0+75			
Ecb		3.73	35.24
gut		4.46	34.51
¼		4.32	34.65
℄		4.13	34.84
¼		4.17	34.80
gut		4.52	34.45
Wcb		3.89	35.08
1+25			
Wcb		4.61	34.36
gut		5.23	33.74
¼		4.91	34.06
℄		4.81	34.16
¼		4.94	34.03
E. gut (Drive)		5.02	33.95

1+75	38.93		
Equt (Drive)		5.61	33.36
¼		5.48	33.49
℄		5.55	33.42
¼		5.71	33.26
gut		5.99	32.98
Wcb		5.30	33.67
2+25			
Wcb		6.36	32.61
gut		6.76	32.21
¼		6.38	32.59
℄		6.13	32.84
¼		6.21	32.76
gut		6.31	32.66
Ecb		5.62	33.35
2+75			
Ecb		6.24	32.73
gut		6.82	32.15
¼		6.87	32.10
℄		6.80	32.17
¼		7.00	31.97
gut		7.44	31.53
Wcb		6.88	32.09
3+00=NL. G			
T.P. 081	38.71	7.08	31.85

32.66 71

0+00 = S.L. G		
0+25		
Web	2.26	30.45
gut	2.92	29.79
¼	2.49	30.22
¢	2.43	30.28
¼	2.33	30.38
Ecb gut (Drive)	2.34	30.37
0+75		
Ecb	2.63	30.08
gut	3.33	29.38
¼	3.31	29.40
¢	3.25	29.46
¼	3.27	29.44
gut	3.78	28.93
Web	3.17	29.54
1+25		
web	4.13	28.58
gut	4.76	27.95
¼	4.32	28.39
¢	4.16	28.55
¼	4.25	28.46
gut	4.16	28.55
Ecb	3.54	29.17

32.71 66

1+75		
Ecb	4.50	28.21
gut	5.09	27.62
¼	5.15	27.56
¢	5.09	27.62
¼	5.17	27.54
gut	5.62	27.09
Web	5.00	27.71
2+25		
web	5.93	26.78
gut	6.56	26.15
¼	6.19	26.52
¢	6.03	26.68
¼	6.06	26.65
gut	6.05	26.66
Ecb	5.38	27.33
2+75		
Ecb	6.27	26.44
gut	6.92	25.79
¼	6.96	25.75
¢	6.95	25.76
¼	7.07	25.64
gut	7.53	25.18
Web	6.76	25.95
3+00 = N.L. MKt.		
T.P. 2.28	27.57 63	7.37 25.29

35

0+00 = S.L. MKR. 27.57 (63)			
0+25			
Web		3.70	23.93
gut		4.37	23.26
¼		3.89	23.74
℄		3.81	23.82
¼		3.84	23.79
gut		3.83	23.80
Ecb		3.20	24.43
0+75			
Ecb		4.09	23.54
gut		4.74	22.89
¼		4.70	22.93
℄		4.70	22.93
¼		4.92	22.71
gut		5.32	22.31
Web		4.66	22.97
1+25			
web		5.55	22.08
gut		6.18	21.45
¼		5.78	21.85
℄		5.63	22.00
¼		5.75	21.88
gut		5.70	21.93
Ecb		5.05	22.58
1+75	(63) 27.57		
Ecb		5.96	21.67
gut		6.63	21.00
¼		6.54	21.09
℄		6.61	21.02
¼		6.72	20.91
gut		7.08	20.55
Web		6.46	21.17
2+25			
web		7.38	20.25
gut		8.05	19.58
¼		7.64	19.99
℄		7.49	20.14
¼		7.60	20.03
gut		7.55	20.08
Ecb		6.90	20.73
2+75			
Ecb		7.83	19.80
gut		8.52	19.11
¼		8.42	19.21
℄		8.34	19.29
¼		8.50	19.13
gut		8.88	18.75
Web		8.30	19.33
3+00 = N.L. Island			
T.P.	1.55	20.46 (53)	8.66 18.91

20.46 53

0+00 = S.L. Island.

0+25		
Wcb	3.05	17.48
gut	3.67	16.86
¼	3.30	17.23
℄	3.16	17.37
¼	3.21	17.32
gut	3.23	17.30
Ecb	2.57	17.96
0+75		
Ecb	3.41	17.12
gut	4.10	16.43
¼	4.03	16.50
℄	4.05	16.48
¼	4.07	16.46
W gut (Drive)	4.63	15.90
1+25		
Wcb	4.70	15.83
gut	5.43	15.10
¼	5.03	15.50
℄	4.91	15.62
¼	4.92	15.61
E gut (Drive)	4.99	15.54

1+75	20.46 53		
Ecb		5.12	15.41
gut		5.75	14.78
¼		5.66	14.87
℄		5.78	14.75
¼		5.76	14.77
W gut (Drive)		6.19	14.34
2+25			
wcb		6.41	14.12
gut		7.07	13.46
¼		6.50	14.03
℄		6.51	14.02
¼		6.53	14.00
gut		6.54	13.99
Ecb		5.88	14.65
2+75			
E gut (Drive)		7.35	13.18
¼		7.27	13.26
℄		7.27	13.26
¼		7.36	13.17
gut		7.79	12.74
Wcb		7.19	13.34
3+00 = N.L. I			
T.P.	1.82	14.67 75	7.61	12.85

	75 14+67		
0+00 - S.L. J			
0+25 -			
Web		3.19	11.56
gut		3.79	10.96
¼		3.36	11.39
℄		3.29	11.46
¼		3.33	11.42
gut		3.35	11.40
Ecb		2.73	12.02
0+75			
Equt (Drive)		4.25	10.50
¼		4.13	10.62
℄		4.09	10.66
¼		4.18	10.57
gut		4.59	10.16
Web		3.94	10.81
1+25			
Web		4.72	10.03
gut		5.37	9.38
¼		4.93	9.82
℄		4.81	9.94
¼		4.86	9.89
gut		4.91	9.84
Ecb		4.23	10.52

	75 14+67			
1+75				
Equt (Drive)			5.73	9.02
¼			5.64	9.11
℄			5.53	9.22
¼			5.71	9.04
gut			6.21	8.54
Web			5.67	9.08
2+25				
Web			6.31	8.44
gut			7.03	7.62
¼			6.56	8.19
℄			6.32	8.43
¼			6.37	8.38
gut			6.48	8.27
Ecb			5.78	8.97
2+75				
Ecb			6.54	8.21
gut			7.23	7.52
¼			7.15	7.60
℄			7.09	7.66
¼			7.32	7.43
gut			7.79	6.96
Web			7.00	7.75
B.M.			7.78	6.89 (6.97)
T.P.	9.71	22.66	1.72	12.95

BP 6 SP 16

Error Found to be constant
@ corrected H.I.'s

		22.66		
T.P.	12.00	83.98	0.68	21.98
T.P	11.68	45.48	0.18	33.80
T.P.	12.05	57.26	0.27	45.21
B.M. Begin			0.87	56.39

5-14-29 X-section Landis 5+- 40th to
J.C. Bliss Drebert Central 80' wide - 14' cbs - 13' 1/4 S
Rovner

B.M. N.W. B.P. 40th + Landis 330.28
+1.32

H.I. 331.70
2+99 = El. 40th

N-Top c.b. existing return		1.37	330.33
G		2.1	329.6
1/4		1.6	330.1
℄		1.9	329.8
1/4		2.3	329.4
cb		2.0	329.7
+10		2.7	329.0
S		3.5	328.2

Breaks sharply down from S.L. to bottom of Canyon

2+75

S		5.4	326.3
+3		2.8	328.9
cb		3.4	328.3
1/4		2.9	328.8
℄		2.3	329.4
1/4		2.1	329.6
cb		2.2	329.5
N		1.4	330.3

2+50

N		1.6	330.1
cb		2.9	328.8

Plotted 5/16-29 Sparis

H.I. 331.70

1/4		2.8	328.9
℄		3.9	327.8
1/4		4.0	327.7
cb		4.1	327.6
+11		3.9	327.8
S		5.5	326.2

2+25

S		6.5	325.2
+3		4.7	327.0
cb		5.3	326.4
1/4		4.8	326.9
℄		4.3	327.4
1/4		3.7	328.0
cb		3.7	328.0
N		2.9	328.8

2+00

N		3.1	328.6
cb		4.1	327.6
1/4		4.4	327.3
℄		5.0	326.7
1/4		5.4	326.3
cb		5.7	326.0
+9		5.2	326.5
S		8.1	323.6

H.I. 331.70

	1+94		
℄ 2' Concrete Walk 2' in St. from N.L.		3.56	328.14
	1+85		
℄ Concrete Drive 2' in St. from N.L.		4.12	327.58
	1+75		
S		7.7	324.0
℄3		6.2	325.5
cb		6.0	325.7
1/4		5.6	326.1
℄		5.1	326.6
1/2		4.8	326.9
cb		5.0	326.7
N		4.8	326.9
	1+50		
N		5.4	326.3
cb		5.2	326.5
1/4		5.1	326.6
℄		4.8	326.9
1/4		5.5	326.2
cb		6.5	325.2
S		6.5	325.2
	1+44		
West end row trees 9' in St. from S.L.			
	1+25		
S		6.7	325.0
cb		6.3	325.4

H.I. 331.70

1/4		5.3	326.4
℄		5.0	326.7
1/4		5.1	326.6
cb		5.1	326.6
N		4.8	326.9
	1+03		
N		5.2	326.5
cb - N rim Culvert inlet		5.92	325.78
L. 1.5 - ℄ Grating - 3x3' Culvert inlet box			5.91
1/4		5.1	326.6
℄		5.2	326.5
1/4		5.3	326.4
+1.5 ℄ 3x3' Culvert inlet Grating		6.39	325.31
cb - S rim Culvert inlet		6.42	325.28
S		6.4	325.3
	0+75		
S		5.5	326.2
cb		5.7	326.0
1/4		5.1	326.6
℄		5.1	326.6
1/4		5.1	326.6
cb		5.6	326.1
N		4.4	327.3

0+50

N	4.8	326.9
cb	5.4	326.3
1/4	5.0	326.7
℄	4.9	326.8
1/4	5.0	326.7
cb	5.8	325.9
S	5.1	326.6

0+45

℄ 3' Concrete Walk from S cb line to S of S cb Line - Shot at cb line	5.5 5.56	S 326.14

0+25

S	5.0	326.7
cb	5.4	326.3
1/4	5.0	326.7
℄	4.8	326.9
1/4	5.0	326.7
cb	5.5	326.2
N	5.1	326.6

0+13

East end row of trees 10.5' in St. from S.L.

0+00 = W.L. Central. Paved

North Top cb	5.35	326.35
G	5.87	325.83
1/4	5.42	326.28
℄	5.37	326.33

H.I. 331.70

1/4	5.27	326.43
G	5.57	326.13
Top cb - South	4.87	326.83
T.P.		-.485 331.70

+80.3

B.M. N.W.B.P. Dwight x Central -4.94

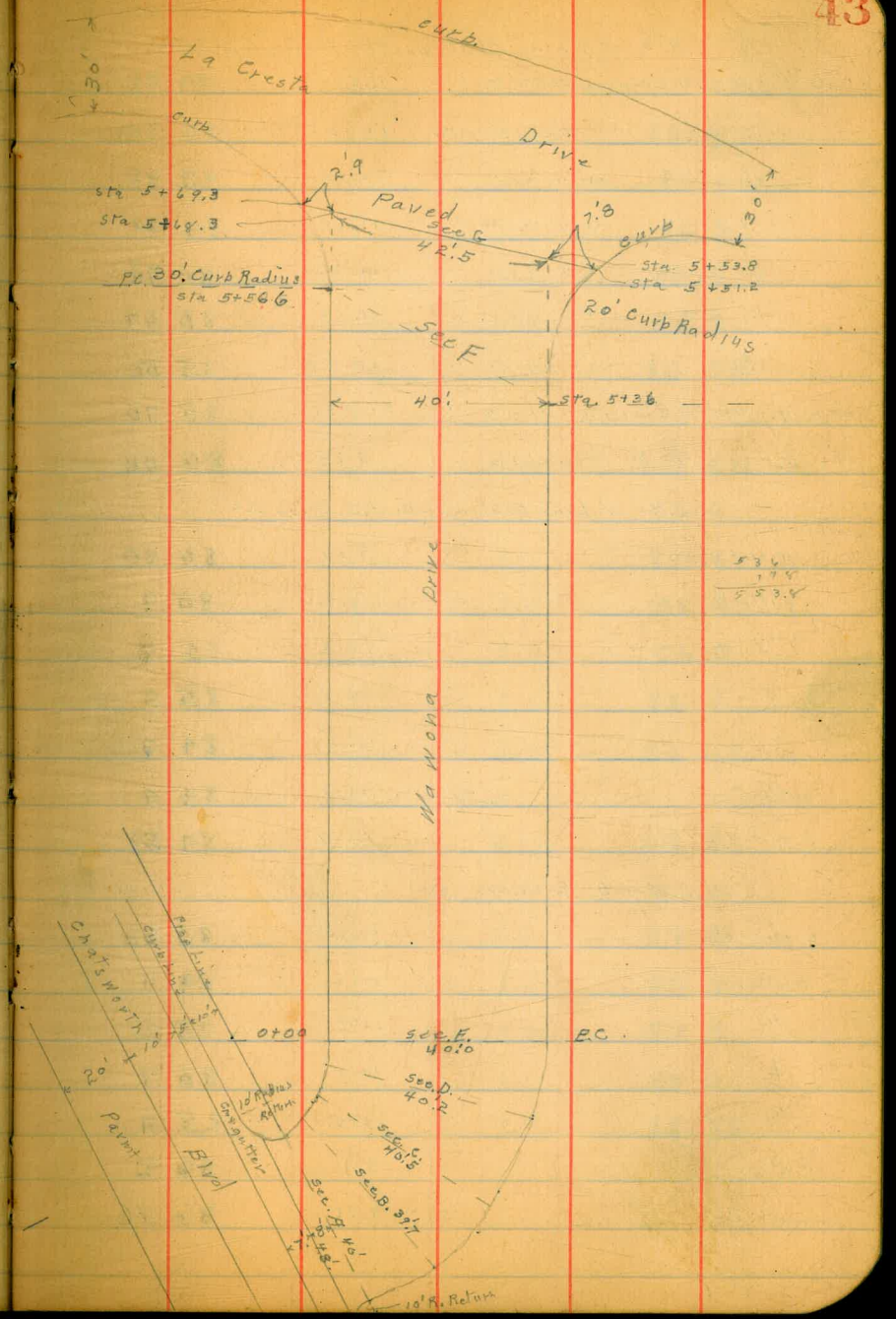
Correct 330.04

Note- There are Grading & filling operations at present in this block.

60' wide
10' els
10' 1/4

Curb Elevations Wawona
Chatsworth To La Cresta

BM.	9.63	96.07	86.44	N.W. Wawona & Chatsworth
25' S. of N. Line Chatsworth = N. Edge 20' Pavmt.				
W. Line Wawona on Pavmt		9.56	86.51	
+10 = ch.	" "	9.90	86.17	
+12 1/4	" "	10.31	85.76	
℄	" "	10.60	85.47	
1/4	" "	10.91	85.16	
ch	" "	11.24	84.83	
E. Line Wawona	" "	11.55	84.52	
15' S. of N. Line Chatsworth = S. Edge cmt. gutter				
E. Line Wawona	on cmt. gutter	12.07	84.00	
ch	" " "	11.76	84.31	
1/4	" " "	11.45	84.62	
℄	" " "	11.10	84.97	
1/4	" " "	10.75	85.32	
ch	" " "	10.47	85.63	
W. Line Wawona	" " "	10.12	85.95	
10' S. of N. Line Chatsworth = N. ch. Chatsworth				
W. Line Wawona	on cmt. ch	9.63	86.44	
" " "	" " gutter	10.62	85.45	
ch	" " "	10.96	85.11	
1/4	" " "	11.25	84.82	
℄	" " "	11.60	84.47	
1/4	" " "	11.93	84.14	
ch	" " "	12.26	83.81	
E. Line Wawona	" " "	12.52	83.55	
" " "	" " ch.	11.55	84.52	



B.'S. of N. line Chatsworth = N. Edge cmt. gutter

¼ W. of E. line Wawona = cmt. ch. Rct	11.55	84.52
" " " " " = N. Edge cmt gutter	12.13	83.94
ch " " " " "	12.08	83.99
¼ " " " " "	11.68	84.39
℄ " " " " "	11.28	84.79
¼ " " " " "	11.03	85.04
ch " " " " "	10.57	85.50
ch + 4'. = cmt. ch Return " " " "	10.37	85.70
ch + 4'. = " " " Top curb.	9.63	86.44

Sec. A = N. Line Chatsworth P.C. Curve Δ = 40'wide

W. cmt. ch	9.57	86.50
gutter	10.2	85.9
¼	10.7	85.4
℄	10.8	85.3
¼	11.4	84.7
gutter	11.7	84.4
E. cmt. ch	11.57	84.50

Sec B. = ¼ Curve Δ = 39.7 wide

E. cmt. ch.	10.54	85.53
gutter	11.2	84.9
¼	10.9	85.2
℄	10.4	85.7
¼	10.2	85.9
gutter	9.9	86.2
W. cmt. ch	9.31	86.76

Sec. C. = ½ Curve Δ = 40.5 wide

W. cmt. ch	9.04	87.03
gutter	9.7	86.4
¼	9.7	86.4
℄	9.8	86.3
¼	10.1	86.0
gutter	10.3	85.8
E. cmt. ch	9.52	86.55

Sec D = ¾ Curve Δ = 40'2 Rdw.

E. cmt. ch	8.43	87.64
gutter	9.2	86.9
¼	9.1	87.0
℄	9.2	86.9
¼	9.2	86.9
gutter	9.4	86.7
W. cmt. ch	8.64	87.43

0+00 = Sec. E. = E. C. Δ 40'0 Rdw.

M cmt = S. cmt from E.C. West.	8.26	87.81
gutter	9.1	87.0
¼	8.8	87.3
℄	8.4	87.7
¼	8.2	87.9
gutter	8.1	88.0
N. cmt. ch.	7.31	88.76

96.07

0+50 W.

N. cmt. cl.			3.95	92.12
gutter			4.9	91.2
1/4			4.9	91.2
℄			5.1	91.0
1/4			5.5	90.6
gutter			6.0	90.1
S. cmt. cl			5.12	90.95

1+00. W.

S cmt. cl			1.84	94.23
gutter			2.7	93.4
1/4			2.2	93.9
℄			1.8	94.3
1/4			1.8	94.3
gutter			1.8	94.3
N. cmt. cl			0.85	95.22
T.P.	13.21	109.24	0.04	96.03

1+41.3 W = P.I. S. cl. & E. Alley Ret.

N. cmt. cl			11.38	97.86
gutter			12.6	96.6
1/4			12.2	97.0
℄			12.2	97.0
1/4			12.6	96.6
gutter			13.1	96.1
S. cmt. cl at P.I. Alley Ret.			12.20	97.04

74.5 Wawona Drive

109.24

1+53.3 W. = P.I. S. Line & E. Alley Ret.

S. line on cmt. Alley Ret	11.36	97.88
S Line ground	10.8	98.4
+7	11.6	97.6
cl	12.4	96.8
1/4	11.7	97.5
℄	11.3	97.9
1/4	11.4	97.8
gutter	11.6	97.6
N. cmt. cl	10.65	98.59

1+74.5 W = P.I. S. cl. & W. Alley Ret. 8' R. ad. Into Alley

N. cmt. cl	9.26	99.98
gutter	10.2	99.0
1/4	10.0	99.2
℄	9.8	99.4
1/4	10.2	99.0
cl Line	10.7	98.5
+4	9.9	99.3
S. Line	9.5	99.7

1+81 W = W. End 3' Rad. at Alley Ret.

S. cmt. cl	9.59	99.65

1+87.2 W = P.I. S. Line & W. Alley Return.

S. line ground	8.2	101.0
S. line cmt. Alley Ret	8.91	100.33
S. cmt. cl.	9.07	100.17
gutter	9.9	99.3
1/4	9.3	99.9

109.24.

1+87.9 W. (con)

℄		8.9	100.3
11/4		9.1	100.1
gutter		9.3	99.9
N. emt. el		8.46	100.78
	2+00 W.		
N. emt. el		7.70	101.54
gutter		8.5	100.7
11/4		8.3	100.9
℄		8.1	101.1
11/4		8.4	100.8
gutter		9.0	100.2
S. emt. el		8.28	100.96
	2+50 W		
S. emt. el		4.99	104.25
gutter		5.18	103.4
11/4		5.1	104.1
℄		4.7	104.5
11/4		4.9	104.3
gutter		5.1	104.1
N. emt. el		4.52	104.72
	3+00 W.		
N. emt. el		1.36	107.88
gutter		2.0	107.2
11/4		1.8	107.4
℄		1.7	107.5
11/4		2.0	107.2

109.24

gutter		2.3	106.9
S. emt. el		1.62	107.62
T.P.	12.82	121.93	0.13	109.11
	3+50 W.		
S. emt. el		11.03	110.90
gutter		11.9	110.0
11/4		11.5	110.4
℄		11.1	110.8
11/4		11.3	110.6
gutter		11.5	110.4
N. emt. el		10.90	111.03
	3+75 W		
N. emt. el		9.26	112.67
gutter		9.9	112.0
11/4		9.5	112.4
℄		9.4	112.5
11/4		9.8	112.1
gutter		10.1	111.8
S. emt. el		9.34	112.59
	4+00 W.		
S. emt. el		7.42	114.51
gutter		8.3	113.6
11/4		8.0	113.9
℄		7.5	114.4
11/4		7.6	114.3
gutter		8.3	113.6
N. emt. el		7.31	114.62

121.93

4+36 5/8 W. = P.I. S. el. + E. Alley Ret.

N. cmt. el		3.92	118.01
gutter		4.8	117.1
1/4		4.4	117.5
℄		4.3	117.6
1/4		4.8	117.1
gutter		5.2	116.7
S. cmt. el		4.30	117.63

4+40 5/8 N. = P.I. S. Line + E. Alley Ret.

S. line cmt. Alley el.		3.84	118.09
S line ground		4.1	117.8
+ 6.		4.3	117.6
el		4.9	117.0
1/4		4.4	117.5
℄		4.0	117.9
1/4		4.1	117.8
gutter		4.5	117.4
N. cmt. el.		3.51	118.42

4+57 3/8 = P.I. S. el. Line + W. Alley Curb. on 2' Radius

N. cmt. el		1.76	120.17
gutter		2.7	119.2
1/4		2.5	119.4
℄		2.4	119.5
1/4		2.8	119.1
el. line		3.1	118.8
+ 4		2.7	119.2
S. Line		2.6	119.3

121.93

4+60 W. = W. End 2' Rad. into Alley

S. cmt. el.		2.06	119.87

4+61 3/8 W = P.I. S. line + W. el Alley Curb

S. line ground		2.4	119.5
S. " cmt. Alley Ret		2.04	119.89
S. cmt. el		1.92	120.01
gutter		2.7	119.2
1/4		2.4	119.5
℄		1.9	120.0
1/4		2.0	119.9
gutter		2.3	119.6
N. cmt. el		1.33	120.60
T.P.	9.87	0.27	121.66

5+00 W

N. cmt. el		7.17	124.36
gutter		8.1	123.4
1/4		7.9	123.6
℄		7.7	123.8
1/4		8.4	123.1
gutter		8.7	122.8
S. cmt. el.		7.88	123.65

131.52

5+36. W. = P.C. 20' curb Radius on N.

S. emt. el	4.39	127.14
gutter	5.2	126.3
l/4	4.7	126.8
℄	4.1	127.4
l/4	3.9	127.6
gutter	4.1	127.4
N. emt. el at P.C. 20' Rad. Ret.	3.45	128.08
Same 5+36 on N. el. 5+56½ on S. el } = see F		
N. emt. el at P.C. at 20' Rad el Ret	3.45	128.08
gutter	4.1	127.4
l/4	3.3	128.2
℄	3.0	128.5
l/4	2.9	128.6
gutter	2.9	128.6
S. emt el at P.C. 30' Rad el. Ret	2.46	129.13
Sta 5+53½ W on N. el line Sta 5+68½ W " S " " } = See G = E. Edge Pavmt La Cresta		
S. emt. el on curve	1.11	130.42
gutter pavmt	1.72	129.81
+2.9 = S. el. Reduced on pavmt	1.63	129.90
S l/4 " " "	1.27	130.26
℄ " " "	1.26	130.27
N. l/4 " " "	1.37	130.16
N. el. Line " " "	1.61	129.92
+7.8 = gutter " "	1.93	129.60
+7.8 = N. emt. el on curve	1.35	130.18
Chis BM. N.M elevate north of La Cresta	13.53	118.00 = 117.99

Zola St. Cut Section

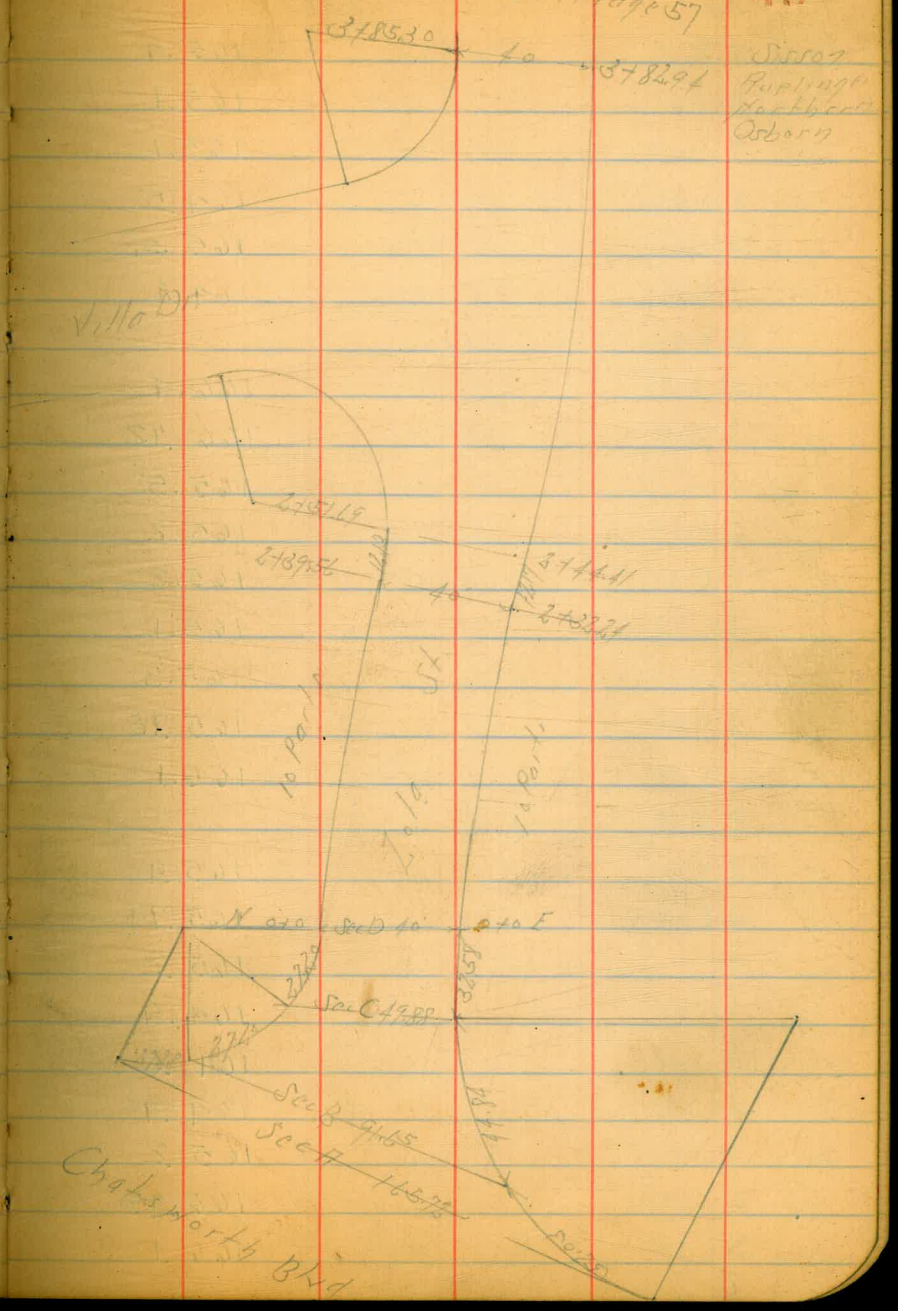
Chatsworth to Palermo

Has 5# Comb. Cb + Walk Entire Length

B.M.	710	165.10		161.50
		Sec A		
E			52	163.4
+103 = Cb Top			456	164.04
Gutter on Paving			511	163.44
+65	"	"	533	163.27
+85	"	"	540	163.11
+105	"	"	589	162.71
+135 = Gutter	"	"	657	162.03
Top Cb			598	162.62
+165			76	161.0
		Sec B		
W.			58	162.8
+11.9 = Top Cb			528	163.36
Gutter			59	162.7
+45			555	163.1
+65			550	163.6
+65			46	164.2
+81 = Gutter			47	163.9
Top Cb			393	164.67
+91.65			39	164.7
		Sec C		
E			47	165.9
+51 = Top Cb			281	165.76
Gutter			31	165.0

Plotted 9-26 EAB

Sketch Cont Page 57



9-29

49

Sisson
Purington
Northcross
Osborn

Zola St

168.60

+15	32	165.4	
+25	35	165.1	
+35	25	165.1	
+125 = Gutter	41	164.5	
Top Cb	3.58	165.02	
+49.58	38	164.8	
Sec D = 0+0			
"	42	166.4	
Cb Top	218	166.42	
Gutter	31	165.5	
"	34	165.2	
"	34	165.2	
"	35	165.1	
Gutter	33	165.3	
Cb Top	242	165.98	
E	25	166.1	
E 0+22.39 N 0+43.91			
E	27	165.9	
Cb Top	258	165.74	
Gutter	32	165.2	
"	37	164.9	
"	38	164.8	
"	37	164.9	
Gutter	34	165.2	
Cb Top	221	165.99	
"	25	166.1	

168.60

E 0+46.45 N 0+47.92

"	36	165.0
Cb Top	242	164.97
Gutter	44	164.2
"	46	164.0
"	48	163.8
"	45	164.1
"	43	164.3
Cb Top	247	164.97
E	25	165.1
E 0+69.67 N 0+71.87		
E	50	163.6
Cb Top	516	163.44
Gutter	51	163.0
"	58	162.8
"	60	162.6
"	59	162.7
Gutter	57	162.9
Cb Top	521	163.39
"	50	163.6
E 0+93.90 N 0+95.83		
"	65	162.1
Cb Top	671	161.89
Gutter	74	161.2
"	75	161.1
"	71	161.0
"	74	161.2

Zola

		168.60			
Gu He			72	161.4	
Cb Top			173	161.87	
Fast			75	162.1	
		E 1+16.12			
		N 1+19.79			
E			84	160.2	
Cb Top			845	160.15	
Gutter			91	159.5	
"			94	159.2	
"			95	159.1	
"			93	159.3	
Gutter			91	159.5	
Cb Top			848	160.12	
"			86	160.2	
		E 1+39.24			
		N 1+43.74			
"			108	157.8	
Cb Top			10.83	157.67	
Gutter			105	157.1	
"			108	156.8	
"			100	156.6	
"			107	156.7	
Gutter			107	156.9	
Cb Top			11.00	157.60	
E			10.7	157.9	
TP	0.34	N 56.05	12.80	N 58.71	
		E 1+68.57			
		N 1+69.90			
E			116	154.5	

		156.05			
Cb Top			173	154.32	
Gutter			23	153.9	
"			27	153.4	
"			28	153.3	
"			26	153.5	
Gutter			24	153.7	
Cb Top			182	154.29	
"			18	154.3	
		E 1+85.79			
		N 1+91.65			
"			51	150.5	
Cb Top			5.22	150.36	
Gutter			63	149.8	
"			64	149.7	
"			66	149.5	
"			65	149.6	
Gu He			64	149.7	
Cb Top			582	150.23	
E			56	150.5	
		E 2+07.06			
		N 2+15.61			
E			98	146.3	
Cb Top			992	146.13	
Gu He			10.5	145.6	
"			10.7	145.4	
E			10.8	145.3	
"			10.5	145.6	
Gutter			10.5	145.6	

Zolo		151.05							
Cb Top			9.25	146.10					
W			9.8	146.3					
TP	0.43	143.51	12.72	143.23					
		E 2+32.34							
		N 2+39.56 = PRC							
W			1.5	142.1					
Cb Top			1.63	141.93					
Gutter			2.2	141.4					
"			2.3	141.4					
E			2.2	141.4					
"			2.4	141.2					
Gutter			2.2	141.4					
Cb Top			1.54	142.02					
E			1.4	142.2					
		E 2+44.81							
		N 2+51.69 = PC on W							
E			3.4	140.2					
Cb Top			3.59	139.97					
Gutter			4.1	139.5					
"			4.2	139.3					
E			4.3	139.3					
"			4.2	139.4					
Gutter			4.2	139.4					
Cb Top			3.6	~~1.5~~ 139.95					
W			3.6	140.0					
		E 2+67.5							
		N 2+73.91							
W			8.2	135.2					
Cb			8.0	135.6					

		143.56							
"			7.5	136.1					
E			7.3	136.3					
"			7.1	136.5					
Gutter			7.2	136.4					
Cb Top			6.51	137.05					
E			6.4	137.2					
		E 2+90.59							
		N 2+91.23							
E			8.7	135.9					
Cb Top			8.90	134.66					
Gutter			9.10	133.96					
"			9.7	133.9					
E			10.2	133.4					
"			10.5	133.1					
Cb			10.8	132.8					
W			11.1	132.0					
		E 2+43.18							
		N 2+49.50							
W			13.4	130.2					
Cb			13.0	130.6					
"			12.3	131.3					
E			11.9	131.7					
"			11.4	132.2					
Gutter			11.2	132.4					
Cb			10.8	132.88					
E			10.5	133.1	Top Hyd				
Bot			9.11	134.45	E Side Zolo				
					& Villa Drive				

Zola

143.56

E 8+86.77
N 3+10.77

E	115	132.1
Cb Top	116.3	131.93
Gutter	121	131.2
"	125	131.1
"	128	130.8
"	133	130.3
Cb	135	130.1
W	138	129.8

E 8+57.84
N 2+63.04

W	132	129.9
Cb	125	130.1
"	134	130.2
"	132	130.4
"	130	130.6
Gutter	128	130.8
Cb Top	121.1	131.40
E	130	131.6

E 8+82.94
N 3+85.30 = PC on W

E	116	132.0
Cb	118.8	131.68
Gutter	123	131.3
"	126	131.0
"	127	130.9
"	127	130.9
Gutter	128	130.8

143.56

Cb Top	123	131.23
W	132	131.4

E 4+08.31
N 4+09.87

W	107	132.9
Cb Top	110.0	132.56
Gutter	115	132.1
"	113	132.3
"	113	132.3
"	111	132.5
Gutter	109	132.7
Cb Top	104.0	133.16
E	103	133.3

E 4+33.18
N 4+34.41

E	97	135.9
Cb Top	99.8	135.78
Gutter	93	135.3
"	95	135.1
"	97	134.9
"	95	135.1
Gutter	95	135.1
Cb Top	98.8	135.68
W	98	135.8

E 4+59.05
N 4+59.01

W	88	139.8
Cb Top	89.4	139.62
Gutter	95	139.1

Zoh		143.56		
¼			49	138.7
½			5.0	138.6
¼			49	138.7
Gutter			45	139.1
Cb Top			3.91	139.65
F			3.8	139.8
		E 4+84.42 N 4+83.58		
F			0.3	143.3
Cb			0.39	143.29
Gutter			0.9	142.7
¼			1.0	142.6
½			1.1	142.5
¼			1.0	142.6
Gutter			0.8	142.8
Cb Top			0.29	143.29
W			0.3	143.3
TP	1388	156.07 E 5+09.79 N 5+08.45	0.37	142.19
W			10.1	146.0
Cb Top			10.14	145.93
Gutter			10.7	145.4
¼			10.8	145.3
½			10.9	145.2
¼			10.7	145.4
Gutter			10.7	145.4
Cb Top			10.38	145.79

		156.07		
F		E 5+35.17 N 5+32.71 = PC on W	10.1	145.9
F			8.4	147.7
Cb Top			8.57	147.50
Gutter			9.0	147.1
¼			9.1	146.9
½			9.3	146.8
¼			9.3	146.8
Gutter			9.1	147.0
Cb Top			8.55	147.52
W		E 5+60.99 N 5+57.74	8.5	147.6
W			8.2	147.9
Cb			8.0	148.1
¼			8.0	148.1
½			8.0	148.1
¼			7.8	148.3
Gutter			7.8	148.3
Cb Top			7.10	148.87
F		E 5+86.81 N 5+82.77	7.0	149.1
F			5.7	150.4
Cb Top			5.81	150.23
Gutter			6.5	149.6
¼			6.6	149.5
½			6.8	149.3

Zola — 156.07

¼	69	149.2	
cb	70	149.1	
W	72	148.9	E 6+12.63 N 6+07.80
¼	58	150.3	
cb	58	150.3	
¼	55	150.6	
℄	55	150.6	
¼	53	150.8	
Gutter	49	151.2	
Cb Top	4.38	151.69	
E	42	151.9	E 6+38.45 N 6+02.93
E	28	153.3	
Cb Top	3.02	153.05	
Gutter	3.6	152.5	
¼	3.9	152.2	
℄	4.1	152.0	
¼	4.0	152.1	
cb	4.0	152.1	
W	4.3	151.9	E 6+24.38 N 6+07.87 = EC on W
W	1.6	154.5	
Cb Top	1.73	154.34	
Gutter	2.4	153.7	
¼	2.6	153.5	

156.07

℄	2.7	153.4	
¼	2.5	153.6	
Gutter	2.3	153.8	
Cb	1.65	154.42	
E	1.5	154.6	
BM	1.61	154.61	E 6+92.17 N 6+84.87 = PRC. NAIL HUB TOP Zola Laccine
E	0.5	155.6	
Cb Top	0.68	155.39	
Gutter	1.3	154.8	
¼	1.5	154.6	
℄	1.7	154.4	
¼	1.6	154.5	
Gutter	1.4	154.7	
Cb Top	0.72	155.35	
W	0.6	155.5	E 7+10.93 N 7+05.16
W	0.9	155.2	
Cb Top	0.99	155.08	
Gutter	1.6	154.5	
¼	1.8	154.3	
℄	1.8	154.3	
¼	1.8	154.3	
Gutter	1.4	154.7	
Cb	0.69	155.38	
E	0.6	155.5	

Zola St

156.07
E 7+89.69
N 7+26.45

E	1.4	154.7
Cb Top	1.57	154.50
Gutter	2.3	153.8
"	2.1	153.5
"	2.8	153.3
"	2.9	153.2
Gutter	2.7	153.4
Cb Top	2.74	153.93
W	2.0	154.1
	E 7+48.45 N 7+47.84	
W	4.1	152.0
Cb Top	4.18	151.89
Gutter	4.7	151.4
"	4.8	151.3
"	4.6	151.5
"	4.3	151.8
Gutter	3.8	152.3
Cb Top	3.10	152.90
E	3.0	153.1
	E 7+67.21 N 7+48.03	
E	4.9	151.2
Cb Top	5.02	151.05
Gutter	5.8	150.3
"	6.3	149.8
"	6.8	149.3

156.07

"			7.0	149.1
Gutter			6.9	149.2
Cb Top			6.59	149.48
W			6.5	149.6
		E 7+85.95 N 7+88.83 = PCC		
W			9.2	146.9
Cb Top			9.41	146.86
Gutter			9.7	146.4
"			9.5	146.6
"			9.2	146.9
"			8.5	147.6
Gutter			7.8	148.3
Cb Top			7.05	149.02
E			6.9	149.2
		See E		148
E			10.0	146.1
+63 - CL			9.84	146.23
Gutter			10.6	145.5
+45			10.8	145.3
+45			11.3	144.8
+35			11.8	144.3
+139 - CL			11.80	144.27
Gutter			12.8	143.8
+498 - CL			11.9	144.2
TP	8.53	153.14	11.96	144.11
	See E			8.50

Zola

152.64

W	141.0	
+6.5 = CL Top	141.56	
Gutter	140.9	
+20	142.2	
+40	143.4	
+55	144.3	
+65 = Gutter	144.6	
= CL Top	145.21	
+73.5 = E	145.6	
Sec G	1100	
E	147.9	
+13.7 = CL Top	146.42	
Gutter	145.8	
+30	144.7	
+50	143.1	
+75	141.0	
14007 = Gutter	138.2	
CL Top	130.04	
14010.0 = W	138.0	
Sec H = SL Palermo	1582	
W	13 5 6	
+20.8 = CL	138.01	
Gutter	~~151.12~~ 137.4	
+45	~~150.96~~ 1398	
+70	142.1	
14100	145.0	

152.64

1+37 = Gutter

CL Top

1+52.0 = E

Bm

Palermo Drive

59

H

153.78

@ 11+10

E 7350

E 4+73

7788.83

7785.95

146.7

147.39

151.5

143.21

Top of Zola at Palermo

Zola St

678487

679217

675787

676428

Lucerne Dr.

573341

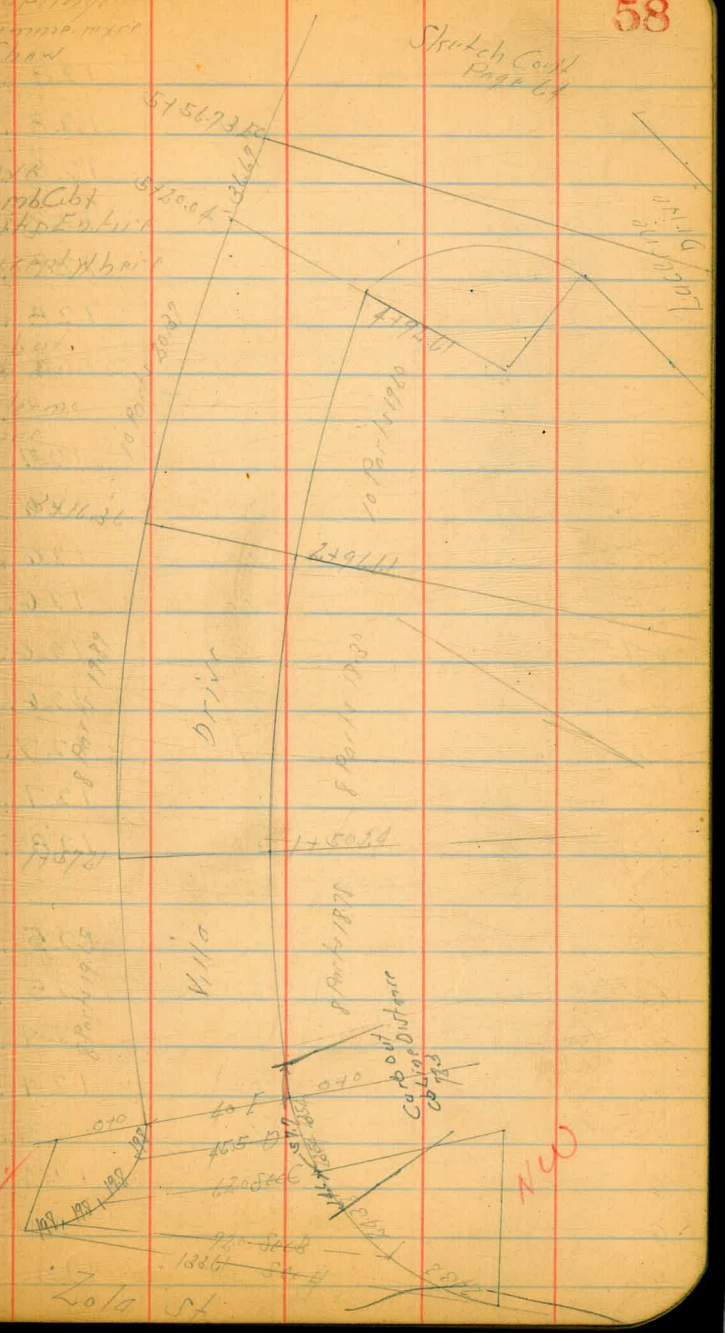
573547

Villa Drive Cross Section

Zola to Voltaire

Plotted 9-26-29 EAB

S		15	139.8
+33 Cb Top		5.11	135.54
Gutter		4.5	134.8
+10		8.1	132.7
+60		10.6	130.7
+85		11.9	129.4
1+03 Gutter		11.4	129.9
Cb Top		10.50	130.42
1331 - EC		10.0	131.3
	Sec D		
N		10.8	130.5
+90 - Cb Top		11.44	130.06
Gutter		11.0	129.4
+30		12.2	129.1
+45		11.6	129.7
+10		10.3	131.0
+81 - Gutter		9.2	133.4
Cb Top		7.40	134.12
+98		5.2	136.1
	Sec C		
S		9.0	132.3
+74 - Cb Top		10.43	131.20
Gutter		10.8	130.4



Villa Dr

141.82

+20			125	128.8							51	125.1	
+35			123	128.0									
+45			125	128.8							67	123.5	
+56 = Gutter			123	128.0							679	123.43	
Cb Top			125+	128.78							73	122.9	
+62 = ℄			125	128.8							76	122.6	
TP	145	130.22	1235	128.99							77	122.5	
		Sec D									75	122.7	
℄			81	127.1							74	122.8	
+55 Cb Top			833	126.89							670	123.52	
Gu Hec			39	126.3							63	123.9	
+13			40	126.2									
+21			42	126.0							84	122.1	
+30			38	126.4							832	121.95	
+397 - Gu Hec			34	127.0							90	121.2	
Cb Top			250	127.72							90	121.2	
+455 - S			18	128.4							93	120.9	
		Sec E = 0+00									92	121.0	
S			49	125.3							90	121.2	
Cb Top			0.18	125.04							831	121.88	
Gu Hec			57	124.5							84	122.0	
℄			59	124.3									
℄			64	123.9							98	120.4	
℄			59	124.3							950	120.42	
Gu Hec			58	124.3							103	119.9	
Cb Top			5.24	124.99							106	119.6	

130.22

N 18.78
S 19.65

N 8756
S 39.30

N 5234
S 5895

Villa Dr.

		130.32											
&			10.2	119	5								
4			10.1	119	6								
Gutter			10.2	119	9								
Cb Top			9.82	120	39								
S			9.1	120	6								
		N 75 12 E S 29.60											
S			11.1	119	1								
Cb Top			11.31	118	98								
Gutter			11.8	118	4								
4			12.1	118	1								
&			12.2	118	0								
4			12.0	118	2								
Gutter			11.9	118	3								
Cb Top			11.80	119	00								
N			11.1	119	1								
		N 93.90 S 98.25											
N			12.5	117	7								
Cb Top			12.57	117	65								
Gutter			13.2	116	9								
4			13.1	116	8								
&			13.5	116	7								
4			12.1	116	8								
Gutter			12.3	116	9								
Cb Top			12.54	117	68								
S			12.3	117	9								
TP	0.32	117.93	12.52	117	61								

								117.93 N 1712.68 S 1717.90					
S										1.3	116	6	
Cb Top										1.50	116	43	
Gutter										2.3	115	7	
4										2.2	115	7	
&										2.1	115	8	
4										2.2	115	7	
Gutter										2.2	115	7	
Cb Top										1.52	116	41	
N								N 1731.46 S 1437.55		1.4	116	5	
N										2.6	115	3	
Cb Top										2.67	115	26	
Gutter										3.1	114	5	
4										3.2	114	5	
&										3.6	114	3	
4										3.4	114	5	
Gutter										3.3	114	6	
Cb Top										2.67	115	26	
S								N 1750.24 S 1457.21 = P.C.C.		2.6	115	3	
S										3.6	114	3	
Cb Top										3.80	114	13	
Gutter										4.4	113	5	
4										4.5	113	4	
&										4.7	113	2	

Villa Dr

11793

H			42	113.2	Cb Top		200	110.93
Gutter			45	113.4	Gutter		77	110.2
Cb Top			378	114.15	H		79	110.0
H			37	114.2	S		78	110.1
	N 1768.54				H		77	110.2
	S 1422.10				Gutter		76	110.3
H			43	113.2	Cb Top		198	110.95
Cb Top			486	113.07	S		48	111.1
Gutter			54	112.5		N 2423.43		
H			52	112.2		S 2131.78		
S			52	112.2	S		79	110.0
H			51	112.3	Cb		812	109.76
Gutter			55	112.4	Gutter		87	109.2
Cb Top			486	113.07	H		88	109.1
S			41	113.3	S		90	108.9
	N 1786.84				H		89	109.0
	S 1496.99				Gutter		88	109.1
S			52	112.2	Cb Top		810	109.83
Cb Top			585	112.05	H		81	109.8
Gutter			45	111.4		N 2131.78		
H			46	111.3		S 1841.15		
S			48	111.1	H		91	108.8
H			46	111.3	Cb Top		921	108.72
Gutter			46	111.3	Gutter		98	108.1
Cb Top			590	112.03	H		100	107.9
H			50	112.0	S		101	107.8
	N 1706.73				H		99	108.0
	S 1416.89							
H			70	110.9	Gutter		97	108.2

Villa Dr.

11793

Cb Top			9+22	108.71	℄			130	104.9
S			9+1	108.8	℄			131	104.5
	N 2+60.02				℄			133	104.6
	S 2+96.57				Gutter			131	104.8
S			10+1	107.8	Cb Top			124°	105.53
Cb Top			10+25	107.78	N			124	105.5
Gutter			11+0	106.9	℄	0.38	106.71	124°	105.73
℄			11+0	106.9		N 3+14.31			
℄			11+2	106.7		S 3+36.93			
℄			11+0	106.9	N			24	104.5
Gutter			10+8	107.1	Cb Top			230	104.41
Cb Top			10+38	107.65	Gutter			30	103.7
N			10+2	107.7	℄			21	103.6
	N 2+98.32				℄			32	103.5
	S 2+96.41				℄			30	103.7
N			11+2	106.7	Gutter			30	103.7
Cb Top			11+32	106.61	Cb Top			287	104.34
Gutter			11+9	106.0	S			22	104.5
℄			12+0	105.9		N 3+35.81			
℄			12+3	105.6		S 3+57.10			
℄			12+0	105.9	S			24	103.3
Gutter			12+0	105.9	Cb Top			251	103.20
Cb Top			11+32	106.61	Gutter			41	102.6
S			11+0	106.9	℄			42	102.5
	N 2+96.61				℄			43	102.4
	S 3+14.36 = PCC				℄			42	102.5
S			12+2	105.6	Gutter			42	102.5
Cb Top			12+45	105.45	Cb Top			351	103.20
Gutter			13+0	104.9					

Villa Dr.

	10671		
N		84	103.3
	N 3+53.41		
	S 3+92.47		
N		46	102.1
Cb Top		46°	102.11
Gutter		52	101.5
4		53	101.4
2		54	101.3
4		54	101.3
Gutter		54	101.3
Cb Top		46	102.19
S		44	102.3
	N 3+79.50		
	S 3+79.54		
S		56	101.1
Cb Top		572	100.98
Gutter		64	100.3
4		64	100.3
2		62	100.3
4		63	100.4
Gutter		65	100.2
Cb Top		570	101.01
N		56	101.1
	N 3+92.61		
	S 4+18.20		
N		68	99.9
Cb Top		682	99.88
Gutter		96	99.1
4		95	99.2

	10671		
2		96	99.1
4		96	99.1
Gutter		96	99.1
Cb Top		688	99.93
S		68	99.9
	N 4+14.81		
	S 4+38.58		
S		80	98.7
Cb Top		802	98.69
Gutter		87	98.0
4		86	98.1
2		86	98.1
4		87	98.0
Gutter		86	98.1
Cb Top		798	98.73
N		80	98.7
	N 4+23.81		
	S 4+58.94		
N		88	97.9
Cb Top		892	97.79
Gutter		95	97.2
4		97	97.0
2		96	97.1
4		96	97.1
Gutter		96	97.1
Cb Top		897	97.74
S		88	97.8
	N 4+53.41		
	S 4+79.81		

Villa Dr

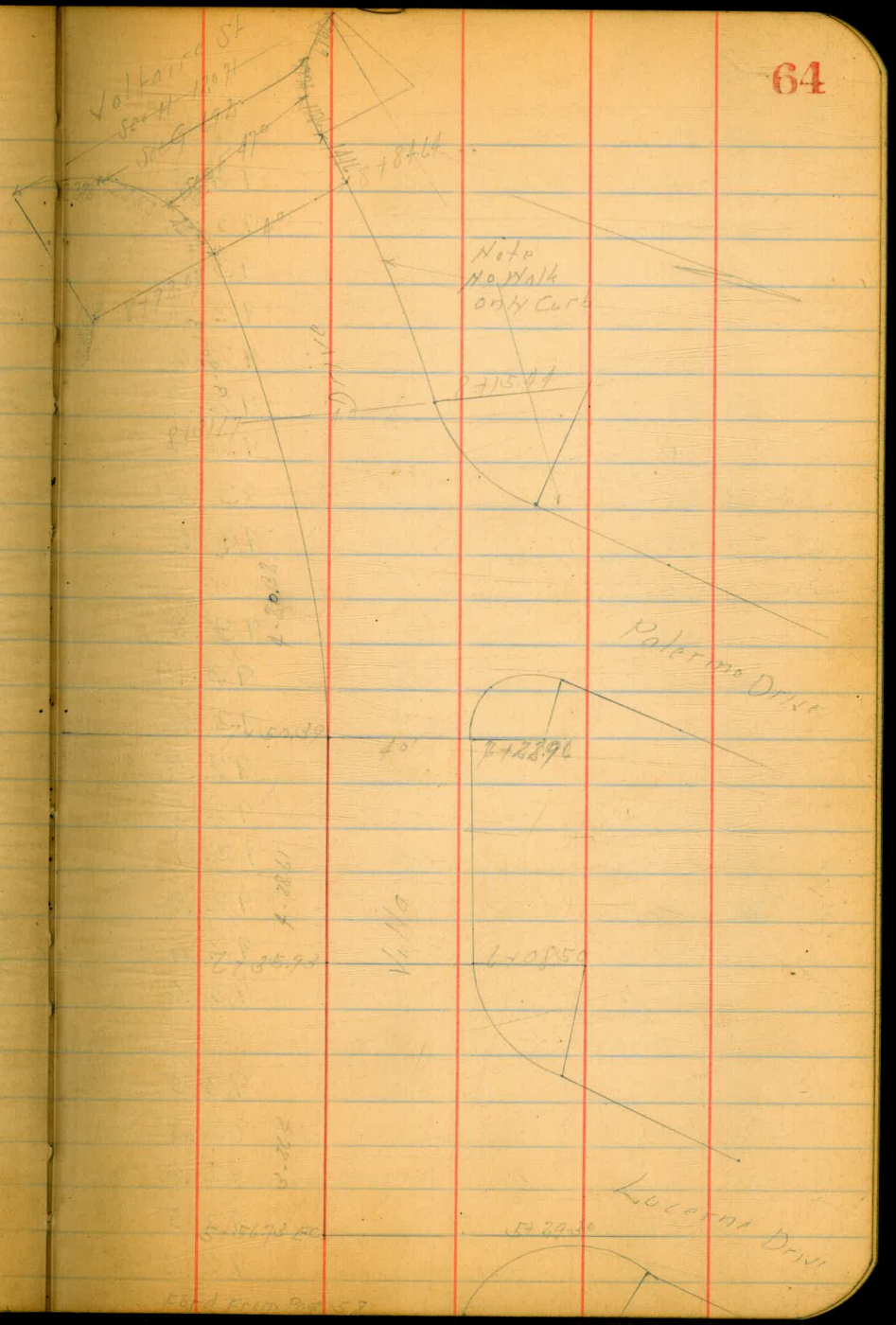
10671

S			9.7	97.0	Gutter			11.5	95.2
Cb Top			9.8	96.89	Cb Top			11.00	95.71
Gutter			10.3	96.4	"			10.9	95.8
"			10.4	96.3	PI	161	97.45	10.87	95.84
"			10.5	96.2			N 5+10.96 S 5+38.39		
"			10.5	96.2	Monument			12.5	95.80
Gutter			10.4	96.3	.5 Ex Top Cb			13.4	95.61
Cb Top			9.95	96.96	+20			14	95.1
"			9.6	97.1	Cb			14	95.1
	N 4+93.01 S 4+99.68				"			20	94.5
"			10.1	96.6	"			21	94.4
Cb Top			10.16	96.25	"			20	94.5
Gutter			11.0	95.7	Gutter			19	94.7
"			11.1	95.6	Cb Top			20.7	95.28
"			11.2	95.5	S		N 5+39.30 S 5+56.73	20	95.5
"			11.0	95.7				EC	
Gutter			11.1	95.6	S			25	95.0
cb Top			10.12	96.29	Cb Top			25.9	94.86
S			10.3	96.4	Gutter			34	94.3
	N 4+92.61 S 5+30.09		PC on N		"			33	94.3
S			10.9	95.8	"			25	94.5
Cb Top			11.00	95.71	"			34	94.3
Gutter			11.6	95.1	Cb			27	95.8
"			11.7	95.0	N		N 5+55.20 S 5+83.13	20	95.5
"			11.7	95.0					
"			11.8	94.9	N			20	94.6

NE Prof Hub Villa Dr & Loeb Mr Dr

Villa Dr.

		9745		
Cb			33	94.2
½			37	93.8
℄			39	93.6
½			36	93.9
Gutter			39	93.6
Cb Top			30.9	94.36
S			30	94.5
	N 57°82'10"			
	S 6°09'53"			
S			33	94.2
Cb Top			33.3	94.02
Gutter			41	93.4
½			43	93.3
℄			45	93.0
½			42	93.3
Cb			41	93.4
N			40	93.5
	N 6°05'50"			
	S 6°35'93"	= One Point		
N			37	93.8
Cb			35.3	93.62
Gutter			45	93.0
½			41	92.9
℄			47	92.8
½			45	93.0
Gutter			44	93.1
Cb			34.2	93.83
S			35	94.0



Villa Dr.

97.45

N 6+32.11
S 6+16.45

S	37	93	8
Cb	3.81	93	61
Gutter	4.5	93	0
¼	4.8	92	7
½	4.9	92	6
¼	4.8	92	7
Gutter	4.7	92	8
Cb Top	4.05	93	40
N	3.9	93	6

N 6+65.93
S 6+93.16

N	4.2	93	3
Cb Top	4.26	93	19
Gutter	4.9	92	6
¼	5.0	92	5
½	5.0	92	5
¼	4.8	92	7
Gutter	4.7	92	8
Cb Top	4.03	93	42
S	3.9	93	6

N 6+92.34
S 7+24.22

S	4.0	93	5
Cb Top	4.12	93	32
Gutter	4.9	92	6
¼	5.0	92	5
½	5.2	92	3

97.45

¼	5.0	92	5
Gutter	5.0	92	5
Cb Top	4.45	93	00
N	4.3	93	2

N 7+22.96
S 7+50.39 = PC on N Palermo Dr

N	4.1	93	1
Cb Top	4.60	92	85
Gutter	5.3	92	2
¼	5.3	92	2
½	5.3	92	2
¼	5.1	92	4
Gutter	5.0	92	5
Cb Top	4.17	93	08
S	4.1	93	4

N 7+46.08
S 7+70.71

S	4.3	93	2
Cb Top	4.10	93	05
Gutter	5.0	92	4 X
¼	5.1	92	4
½	5.5	92	0
¼	5.5	92	0
Cb	5.1	92	1
N	5.1	92	1

N 7+69.20
S 7+91.03

N	5.6	91	9
Cb	5.6	91	9

Villa D

97.45

¼		51	91.9	
¼		51	91.9	
¼		51	92.3	
Gutter		51	92.3	
Cb Top		4.50	92.95	
⌐	N 7+92.32 S 8+11.35	44	93.1	
S		44	93.1	
Cb Top		4.54	92.91	
Gutter		51	92.1	
¼		53	92.2	
¼		56	91.9	
¼		56	91.9	
Cb		58	91.7	
N	N 8+15.44 S 8+31.67 = Opp EC of N	59	91.6	
N		55	92.0	
Cb Top		55.1	91.91	
Gutter		61	91.4	
¼		61	91.4	
¼		61	91.4	
¼		51	92.1	
Gutter		51	92.1	
Cb		4.15	92.80	
S	N 8+38.57 S 8+51.80	44	93.1	

97.45

S		45	93.0	
Cb		4.38	92.67	
Gutter		55	92.0	
¼		53	91.8	
¼		52	91.3	
¼		53	91.2	
Gutter		51	91.4	
Cb Top		55.1	91.89	
N	N 8+61.58 S 8+71.93	53	92.2	
N		55	92.0	
Cb Top		55.1	91.69	
Gutter		64	91.1	
¼		62	91.3	
¼		63	91.2	
¼		58	91.7	
Gutter		57	91.9	
Cb Top		4.84	92.63	
S	N 8+84.44 S 8+92.02 = P.C. Conc	42	92.8	
E S		42	92.8	
Cb Top		4.89	92.56	
Gutter		55	92.0	
¼		58	91.7	
¼		63	91.2	
¼		64	91.1	

Villa Dr. 97.45

Gutter			L5	91.0	
cb top			588	91.57	
W N			54	92.1	Top Hyd
BM	160	96.76	239	9511	Shim Villa Dr & Paloma
BM			0.43	91.33	SE BP Valley at Villa Dr 95.35
		Sec F 190			
N			51	91.7 ~~92.4~~	
+6 - Ex Hdg cb			532	91.44 ✓	
Gutter			57	91.1 ~~91.8~~	
+15			56	91.2 ~~91.9~~	
+25			52	91.6 ~~92.3~~	
+31			47	92.1 ~~92.8~~	
+40 - Gutter			48	92.6 ~~93.3~~	
cb top			363	93.13 ~~93.82~~	
S			34	93.4 ~~94.1~~	
		Sec G	192	~~90.53~~	
S			21	94.7 95.4	
+8.5 Ex Hdg cb			220	94.06 ~~94.75~~	
Gutter			32	93.6 ~~94.3~~	
+15			38	93.0 ~~93.7~~	
+22			40	92.8 ~~93.5~~	
+33			47	92.1 ~~92.8~~	
+45			54	91.4 ~~92.3~~	
+62 - Gutter			58	91.0 ~~91.7~~	
cb top			541	91.35 92.04	

91.71

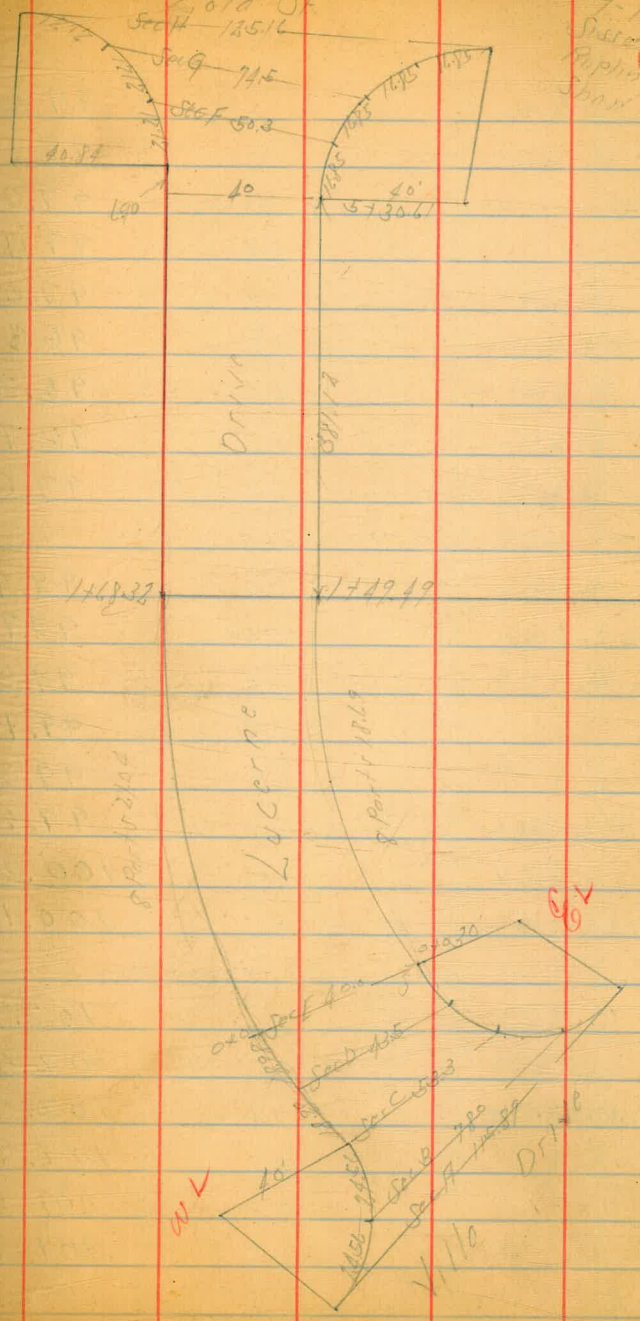
N			58	91.6 ~~92.3~~	
		Sec H	1207 - Flow Valley		
N			L2	~~91.3~~ 90.6	
+25.5 - Ex Hdg cb			551	91.20 ✓	
Gutter on Paving			601	~~91.41~~ 90.75	
+15	"	"	180	~~92.65~~ 91.96	
+42	"	"	396	~~93.49~~ 92.80	
+75	"	"	321	~~94.24~~ 93.55	
+95 Gutter	"		222	~~94.98~~ 94.04	
cb top			222	~~95.23~~ 94.54	
1207 - S			07	~~96.7~~ 96.1	

Lucerne Drive Cross Section
Villa Drive to Zola

Has 5.0 Conc Walk

Plotted 9-26-29 EAB

BM	9.44	105.38	95.94
Sec A			
F = PC		94	95.9
+19.3 = Existing Cb		9.54	95.74
Gu Hi		101	95.2
+28		98	95.5
+40		100	95.3
+55		105	94.8
+70		108	94.5
+80		113	94.0
+90.5 = Gu Hi		119	93.4
Cb Top		11.81	93.87
+105.89 = M		115	93.8
M		112	94.1
+78.0 = Existing Cb		11.08	94.20
Gu Hi		116	93.9
+20		101	94.7
+35		100	95.3
+50		91	95.7
+62		93	96.0
+68.2 = Gu Hi		93	95.6
Cb Top		9.01	96.26
+78.0 = F		91	96.2
Sec C			



Lucerne Dr

		10538						10538	
E			77	97.6	Cb Top			20°	102.48
+15 : Ex Hwd			225	98.03	W			27	102.6
Gu Hw			81	97.2	TP	12.19	116.54	0.93	104.25
+15			79	97.4			E 18.69 N of Sec E N 2104 N		
+30			83	97.0	W			10.8	105.7
+40			85	96.8	Cb Top			1100	105.54
+428 = Gu Hw			90	96.3	Gu Hw			11.7	104.8
Cb Top			840	96.99	"			11.6	104.9
+533 : W			53	97.0	"			1200	104.5
		Sec D	435		"			11.8	104.7
W			54	99.7	Gu Hw			115	105.0
+55 = Cb Top			550	9978	Cb Top			10.98	105.56
Gu Hw			60	99.3	E			109	105.6
+15			62	99.1			E 5738 N 4208		
+25			64	99.2	E			7.9	108.6
+325 = Gu Hw			57	99.6	Cb Top			795	108.59
Cb Top			508	100.20	Gu Hw			85	108.0
+435 = E			52	100.1	"			8.7	107.8
		Sec E 100 = PCC = 0+0			"			88	107.7
E			71	102.7	"			8.5	108.0
Cb Top			211	102.62	Gu Hw			8.5	108.0
Gu Hw			23	102.0	Cb Top			792	~~109.62~~ 108.62
"			35	101.8	"			78	109.7
"			27	101.6			E 6801 N 1812		
"			85	101.8	W			45	112.0
Gu Hw			23	102.0	Cb Top			191	111.63

Lucerne Dr.

	11+54										
Gu Hor			51	111.1						10.59	117.61
¼			55	111.0						10.4	117.8
¼			57	110.8			E 14312 N 12624				
¼			59	110.8						7L	120.6
Gu Hor			5L	110.9						9.76	120.44
Cb Top			500	111.54						8L	119.8
E		E 74.75 N 81.16	49	111.6						8.5	119.7
										8.9	119.5
E			15	114.7						8.4	119.8
Cb Top			1.80	114.65						8.2	120.0
Gu Hor			23	114.2						7.70	120.60
¼			39	113.8						74	120.8
¼			27	113.8			E 14308 N 14728				
¼			25	114.0						5.0	123.0
Gu Hor			24	114.1						5.10	123.10
Cb Top			1.82	114.72						5.7	122.5
W			17	114.8						6.0	122.2
TP	11+90	12+20 E 93.13 N 140.30	0.28	116.30						6.2	122.0
¼			103	117.9						6.0	122.2
Cb Top			10.50	117.70						6.0	122.2
Gu Hor			110	117.2						5.25	122.95
¼			113	116.9						5.1	123.1
¼			115	116.7			E 14949 N 14832			FE.	
¼			11.4	116.8						3.0	125.2
Gu Hor			112	117.0						3.06	~~124.14~~ 125.A
										2.2	124.5

Lucerne Dr.

		128.8°					138.8°		
¼			38	124.4	W			92	129.6
℄			42	124.0			E 2+20.19		
¼			39	124.3	W			95	131.3
Gutter			36	124.6	Cb Top			718	131.62 131.12
Cb Top			2.96	125.24	Gutter			84	130.4
W			38	125.4	¼			84	130.4
		E 1+74.19			℄			85	130.3
W			0.7	127.5	¼			83	130.5
Cb Top			0.74	127.46	Gutter			83	130.5
Gutter			1.3	126.9	Cb Top			716	131.14
¼			1.5	126.7	E			94	131.2
℄			1.7	126.5			E 2+09.19		
¼			1.5	126.7	E			62	132.6
Gutter			1.4	126.8	Cb Top			623	132.57
Cb Top			0.80	127.40	Gutter			70	131.9
E			0.7	127.5	¼			69	131.9
PC	1081	138.8°	0.24	127.91	℄			91	131.7
		E 1+99.19			¼			90	131.8
E			93	129.5	Gutter			90	131.8
Cb Top			9.62	129.38	Cb Top			627	132.53
Gutter			10.1	128.7	W			60	1326
¼			10.1	128.7			E 2+74.19		
℄			10.2	128.6	W			50	133.8
¼			10.2	128.6	Cb Top			511	133.69
Gutter			10.1	128.7	Gutter			58	133.0
Cb Top			9.45	129.45	℄			60	132.8

Locarno Dr

	138.80			
℄		61	132.7	
¼		5.8	133.0	
Gutter		5.8	133.0	
Cb Top		5.19	133.61	
E		5.0	133.8	
	E 2+99.49			
E		41	134.7	
Cb Top		4.23	134.57	
Gutter		4.8	134.0	
¼		4.9	133.9	
℄		5.0	133.8	
¼		5.0	133.8	
Gutter		4.8	134.0	
Cb Top		4.19	134.61	
W		41	134.7	
	E 3+24.49			
W		31	135.7	
Cb Top		2.23	135.57	
Gutter		3.4	134.9	
¼		4.0	134.8	
℄		4.2	134.6	
¼		4.0	134.8	
Gutter		3.9	134.9	
Cb Top		2.30	135.50	
E		3.1	135.7	
	E 3+49.49			

	138.80			
E		2.2	136.6	
Cb Top		2.30	136.50	
Gutter		3.0	135.8	
¼		3.1	135.7	
℄		3.2	135.6	
¼		3.1	135.7	
Gutter		2.8	136.0	
Cb Top		2.29	136.51	
W		2.4	136.5	
	E 3+74.49			
W		1.1	137.7	
Cb Top		1.28	137.52	
Gutter		1.9	136.9	
¼		2.0	136.8	
℄		2.2	136.6	
¼		2.0	136.8	
Gutter		1.9	136.9	
Cb Top		1.28	137.52	
E		1.2	137.6	
	E 3+99.49			
E		0.0	138.8	
Cb Top		0.10	138.70	
Gutter		0.8	138.0	
¼		0.8	138.0	
℄		1.0	137.8	
¼		0.8	138.0	

Lucerne Dr

		138.80									
Gutter			0.6	138.2					150.73		
Cb Top			0.05	138.75	Cb Top			L87	143.85
W			0.0	138.8	Gutter			25	143.2
TP	18.05	150.73	0.12	138.68	¼			22	143.0
		E 1+24.49			☆			29	142.8
W			10.3	140.4	¼			26	143.1
Cb Top			10.47	140.26	Gutter			26	143.1
Gutter			11.0	139.7	Cb Top			691	143.87
¼			11.3	139.4	E			67	143.0
☆			11.4	139.3			E 4+99.49		
¼			11.3	139.4	E			49	145.8
Gutter			11.2	139.5	Cb Top			505	145.68
Cb Top			10.50	140.23	Gutter			59	145.0
E			10.4	140.3	¼			58	144.9
		E 2+49.49			☆			60	144.7
E			8.6	142.1	¼			58	144.9
Cb Top			8.71	142.0 141.97	Gutter			56	145.1
Gutter			9.4	141.3	Cb Top			500	145.73
¼			9.5	141.2	W			49	145.8
☆			9.6	141.1			E 5+30.11 = PC on E		
¼			9.5	141.2	W			25	148.2
Gutter			9.3	141.4	Cb Top			321	148.02
Cb Top			8.70	142.03	Gutter			33	147.4
W			8.6	142.1	¼			26	147.1
		E 4+74.49			☆			39	147.0
W			6.9	144.0	¼			37	147.0
					Gutter			36	147.1

Lucerne Dr.

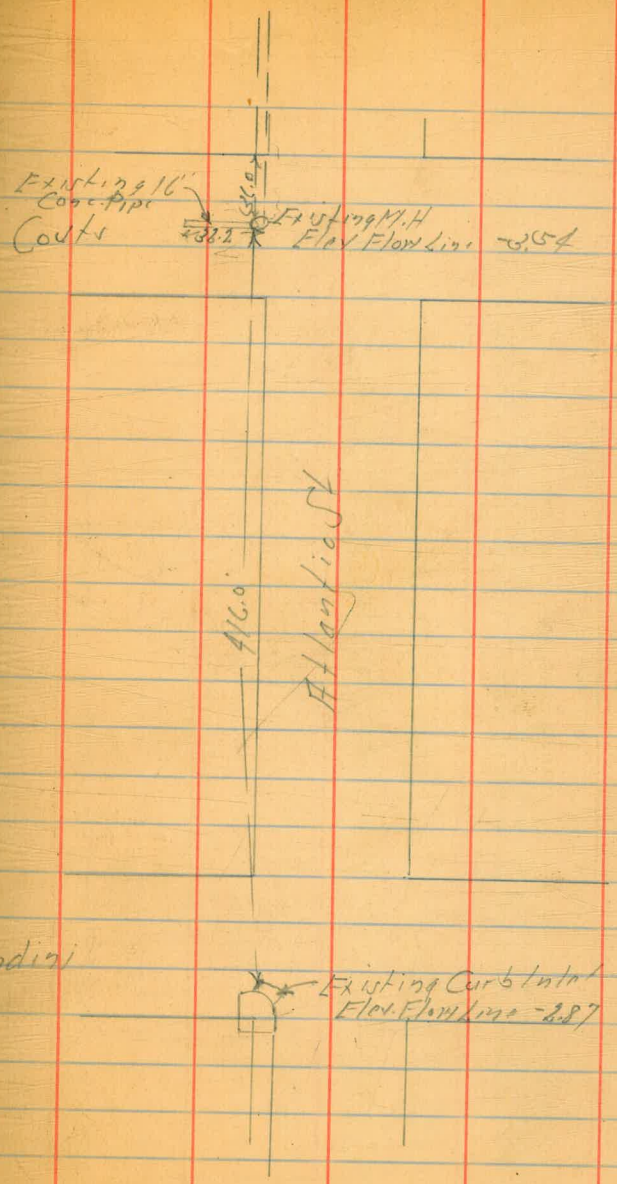
		150.23		
CL			2.97	147.86
F			2.8	147.9
		Sec F 503		
F			2.2	148.5
+57 = Ex Lmp CL			2.37	148.36
Gutter			2.9	147.8
+15			2.6	148.1
+23			2.4	148.3
+33			1.8	148.9
+132 = Gutter			1.3	149.5
CL			0.55	150.18
+50.3 = "			0.1	150.6
TP	781	158.33	0.01	150.72
		Sec G 745		
W			5.7	152.6
+13.5 CL			1.70	151.63
Gutter			1.3	151.0
+2.5			0.1	150.2
+37			0.9	149.4
+50			0.5	148.8
+60			0.8	148.5
+180 Gutter			1.04	148.9
CL Top			0.86	148.47
+71.5			0.8	148.5
		Sec H 5.2 Zolo		2.5%
F			1.07	147.6

		158.33		
-23.5 - CL			9.87	148.46
Gutter			10.4	147.9
+10			9.7	148.6
+55			9.2	149.1
+70			8.5	149.8
+85			7.4	150.9
101.0 - Gutter			6.6	151.7
CL Top			5.71	152.55
1951-14			3.8	154.5
SN			3.86	154.47

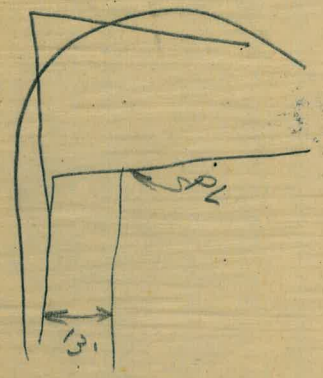
NOT Prop No
Sta 4 Lucerne
154.46
Page 55

Proposed Storm Drain
Atlantic St. Courts to Bandini

BM	2.70	7.08		4.38	SE Top Hyd Westbound Atlantic
Man Hole At Courts		Flow Line	10.62	-3.54	
W End of 16" Conc Pipe			10.62	-3.54	
Curb Inlet at Bandini Flow Line			9.95	-2.87	
BM			2.71	4.37	SE Top Hyd Bandini & Atlantic 4.37
BM			2.70		SE Top Hyd Westbound Atlantic 4.38



IMPROVED TABLES AND INFORMATION



49.95