

1381

EAST

LETTRE BOOK

No. 1381

*This Indexed Book 56 - 6/21/20 M.H.*

MICROFILMED  
DEC 23 1964

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.

**THE FREDERICK POST CO.**  
*ENGINEERING and DRAFTING SUPPLIES*  
IRVING PARK STATION  
CHICAGO, ILL.

Lies Induced 8pp 56 - 6/21/20 NH.

X Sec 42<sup>ST</sup> Nordica Ave. to Division 2

X Sec Newton Ave. 37<sup>th</sup> St. to 38<sup>th</sup> St 60

01

60 wide  
10' db's  
10' 1/45

42<sup>nd</sup> St X Sec  
Nordica Ave. to Division St

1-28-30  
Miles

N.W. Division  
+ Marine View

B.M.	1.39	75.14	73.75	
T.P.	0.46	62.46	13.14	62.00
T.P.	0.14	49.42	13.18	49.28
Set B.M.B.P.	N.W. Division + 42 <sup>nd</sup>		6.58	42.84
T.P.	0.06	36.48	13.00	36.42
T.P.	3.56	27.31	12.73	23.75

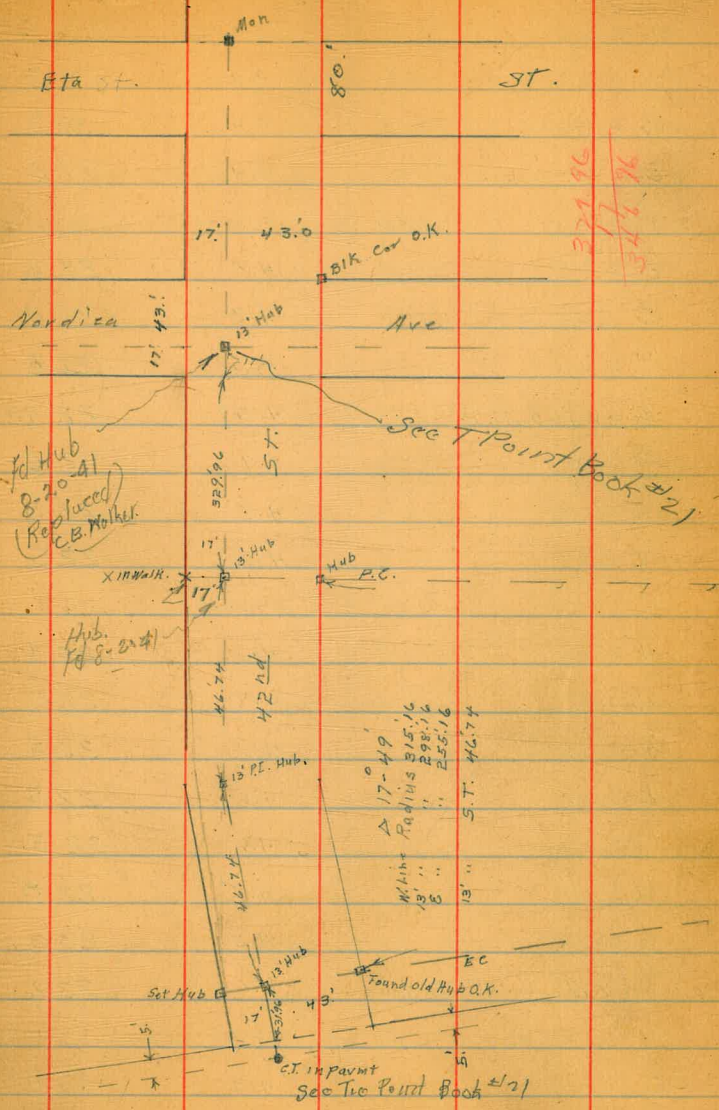
Mail av. pile bridge  
42<sup>nd</sup> + Nordica

00 = 5' line Nordica Ave

W		5.0	22.3
d		4.9	22.4
1/4		4.7	22.6
1/4		5.5	21.8
1/4		4.6	22.7
d		4.4	22.9
E		4.6	22.7
E	Plotted 1/29-30 C.M.H.	4.6	22.7
d		4.6	22.7
1/4		4.8	22.5
1/4		4.8	22.5
1/4		5.0	22.3
W		4.9	22.4
		4.7	22.6
W		4.6	22.7
d		4.4	22.5
1/4		4.7	22.6

50's

100's



277.76  
76.475

27.31

Φ		4.7	22.6
1/4		4.4	22.9
cl		4.4	22.9
E		4.4	22.9
	130's		
E		4.1	23.2
cl		4.3	23.0
1/4		4.5	22.8
Φ on top M.H		4.59	22.72
1/4		4.7	22.6
cl		4.8	22.5
W		4.8	22.5
	180's		
W		4.6	22.7
cl		4.8	22.5
1/4		4.8	22.5
Φ		4.8	22.5
1/4		4.8	22.5
cl		4.5	22.8
E		4.3	23.0
+ 0.9 = W E pd ent. walk to House		4.1	23.2
	2+20		
E		4.3	23.0
cl		4.7	22.6
1/4		4.6	22.7
Φ		4.5	22.8

4<sup>th</sup> St X Sec

27.31

3

1/4		4.8	22.5
cl		4.6	22.7
W		4.5	22.8
	263' S = Φ garage on W. cont. floor 4.5 1/4 st.		
	4.5 E. of W line = Face Garage	3.42	23.89 ✓
cl		3.8	23.5
1/4		4.3	23.0
Φ		4.4	22.9
1/4		4.6	22.7
cl		4.6	22.7
E		4.3	23.0
+ 5		4.3	23.0
	300's		
- 10		3.7	23.6
E		3.2	24.1
cl		3.6	23.7
1/4		2.8	24.5
Φ		1.5	25.8
1/4		1.3	26.0
cl		0.9	26.4
W		0.6	26.7
T.P.	12.32	39.20	0.43 26.88

39.20

329.96 S = P.C. A 17° 49' W. Line R 315.16

W on emt. Walk to House	10.16	29.04	✓
W + 8.0 = E End emt. Walk to House	10.43	28.77	
cb.	10.6	28.6	
"4	11.6	27.6	
¢	11.8	27.4	
"4	12.2	27.0	
cb	13.6	25.6	
E.	14.0	25.2	
+10	14.2	25.0	

This Curve divided into 5. Parts

#1 on Radial line

E-10	13.6	25.6	
E	13.1	26.1	
cb	12.8	26.4	
"4	12.1	27.1	
¢	10.4	28.8	
"4	10.7	28.5	
cb	10.1	29.1	
W.	9.5	29.7	
+10	9.4	29.8	
-10	7.1	32.1	
W.	7.2	32.0	
cb	8.5	30.7	
+7	8.8	30.4	
"4	6.3	32.9	

#2

42<sup>nd</sup> St X Sec

39.20

4

¢		6.9	32.3
"4		10.1	29.1
cb		11.3	27.9
E		11.7	27.5
+10		12.0	27.2
	#3		
-10		10.8	28.4
E.		10.3	28.9
cb		8.4	30.8
"4		5.8	33.4
+8		2.4	36.8
¢		2.6	36.6
+7		2.8	36.4
"4		1.9	37.3
cb		0.7	38.5
W.		0.7	38.5
T.P.	11.04	49.87	0.37
		#4	38.83
W		7.7	42.1
cb		8.9	41.0
"4		9.7	40.1
+2		10.6	39.2
¢		10.3	39.5
+5		10.9	39.0
"4		12.5	37.3
cb		15.9	34.0

49.87  
#4. (Cov)

el+5	19.3	30.5
E	19.7	30.1
+15	20.6	29.2
oo = #5 = E.C.		
-15	19.1	30.7
E.	18.3	31.5
+5	17.6	32.2
el.	15.1	34.7
'14	10.3	39.5
+5	9.3	40.5
±	9.4	40.4
'14	9.6	40.2
el	7.7	42.1
W.	6.4	43.4
15.5.		
W.	5.6	44.2
el	7.6	42.2
'14	9.0	40.8
±	9.0	40.8
'14	9.5	40.3
+5	10.7	39.1
el.	12.8	37.0
E	16.4	33.4
+15	17.4	32.4

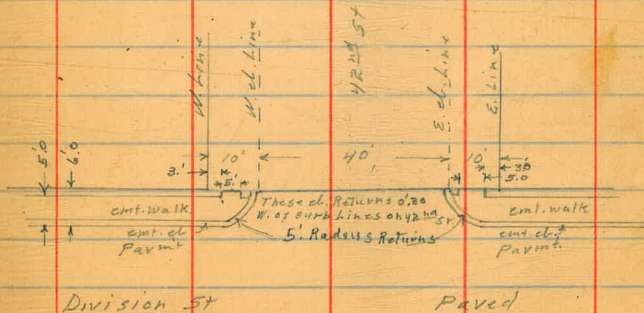
49.87

28'.5.

5

E	10.6	39.2
el	10.2	39.6
'14	9.5	40.3
±	9.1	40.7
'14	8.6	41.2
el	7.8	42.0
W.	5.7	44.1
31.96 S. of E.C. = N. line Division		
W	6.4	43.4
ent. el.	7.69	42.18
gutter pav. mt.	8.28	41.59
'14	8.71	41.16
±	9.19	40.68

Continued Page 6.





E. 14 on parmt		9.78	40.09	
gutter "		10.41	39.46	
E. emt. cl.		9.83	40.04	
E. line		10.7	39.1	
6' S. of N. line = N. emt. cl. of Division 5 <sup>th</sup>				
E Top emt. cl.		10.76	39.11	
E. gutter Parmt.		11.39	38.48	
E. cl. line		10.51	39.36	
"4		9.89	39.98	
4		9.24	40.63	
"4		8.69	41.18	
W. cl. line		8.13	41.74	
W. line gutter Parmt.		7.17	42.70	
W. " emt. cl.		6.58	43.29	
T.P.	12.64	61.92	0.59	49.28
T.P.	13.11	74.79	0.24	61.68
chk E.M. N.W. Division + 41 <sup>st</sup>		1.04	73.75	✓

Pueblo Lot 1152

See Page 79.

O.L. Steel Subdivision

30<sup>th</sup> Durant-Steel-Gillette

Page 7 to 53

31<sup>st</sup> Howard-Payson

○ = Iron Pipe

□ = 2x2 P.M. Hubs

Non.

(Pipe set by Allen & Row  
see to Prop. owner

old Hub 30.82 Pipe 6.7M of P.L. Lin.

3+34 H.E. Moore. gone 8-5-36

+ Sisson

90<sup>th</sup> 8-5-31

Res. Millan (Replaced 10-21-37)

El. Bancroft St

CT.

N St.

Webster Ave

Bancroft

Block 4

Block C

Gillette St.

Block B

Steel St.

Block D

O.L. Steel Subdivision

Durant St.

Home Garden

Webster

South Line Home Garden

Madison Ave

N 7<sup>th</sup> Line of Imperial Ave  
Imperial Ave  
Parting P.L. 1152

11-10-36  
12-10-36  
13-10-36  
14-10-36  
15-10-36  
16-10-36

P.L. 1152  
1160

32<sup>nd</sup> St

CT.

13+78.44

13+23.70

13+82.08

13+82.36

16-Grids Men in N.P.L. of Francis St.

3rd St Cross Section

Imperial Ave to S.L. Home Gardens

Sea Sketch Page 7

BM	290	3247-	2957
		N.L. Imperial Ave	
F		6.0	26.5
cb top		5.48	26.99
Gutter as Paving + Dirt		5.98	26.55
"		5.54	26.93
"		5.80	27.27
"		5.13	27.34
Gutter		5.09	27.38
cb Top		4.52	27.95
N		4.7	27.8
		N cb of Imp	
N as Paving		5.08	27.39
cb		5.87	27.20
"		5.45	27.02
"		5.66	26.85
"		5.74	26.73
cb		5.90	26.57
F		6.18	26.39
		Plotted 3/10/30 C.B.H.	
F as Paving		5.64	26.83
cb		5.52	26.95
"		5.86	27.11
"		5.18	27.29
"		5.06	27.41

Coastside Field District  
10 Cbr  
80 ft. alc South of District  
20 Cbr

BP. Bridge  
1 Imperial

80 ft. alc  
10 Cbr  
13' alt

3247

222.30  
8

cb as Paving	4.78	27.65
"	4.54	27.93
	4/5 of 1/4 S Edge Paving	
" as Paving	4.67	27.80
cb	4.90	27.57
"	5.03	27.44
"	5.17	27.30
"	5.37	27.10
cb	5.49	26.98
F	5.60	26.87
	1/2 Imperial	
F Top Rail	5.59	26.88
F Dirt	5.9	26.6
cb	6.0	26.5
"	5.7	26.8
"	5.5	27.0
"	5.4	27.1
cb	5.3	27.2
N	5.0	27.5
N Top Rail	4.67	27.80
	1/4	
"	3.6	28.9
cb	4.6	27.9
"	5.0	27.5
"	4.8	27.7
"	4.9	27.6

Note 2 St Co  
Track  
0.5' S of 1/2 St

33rd St.

3347

Cb	49	276
F	51	274
S of Imperial		
F	67	25.8
Cb	58	26.7
1/4	57	27.1
2	58	26.7
1/4	65	26.0
Cb	67	26.1
H	68	25.7
C.S. of DCb		
H	79	24.6
Cb	81	24.1
1/4	81	24.4
2	81	24.4
1/4	79	24.6
Cb	80	24.5
F	82	24.3
110	83	24.2
SL Imperial		
-10	88	23.7
F	88	23.7
Cb	86	23.9
1/4	85	24.0
2	83	24.3
1/4	80	24.5

3347

9

H	85	24.0
110	84	24.1
505 of SL of Imperial		
-10	9.0	23.5
H	9.0	23.5
Cb	9.1	23.4
1/4	9.1	23.4
2	9.0	23.5
1/4	9.1	23.4
Cb	9.0	23.5
F	9.0	23.5
110	9.0	23.5
1005		
F	9.2	23.2
Cb	9.2	23.3
1/4	9.2	23.2
2	9.2	23.3
1/4	9.2	23.3
Cb	9.2	23.2
H	9.2	23.2
1505		
H	9.5	23.0
Cb	9.5	23.0
1/4	9.7	22.8
2	9.6	22.9
1/4	9.5	23.0

33rd St.

3247

cb	95	230
F	95	230
-25	9.6	229
F	97	228
cb	98	227
1/4	97	228
L	99	226
1/4	98	227
cb	98	227
H	97	228
+25	97	228
-25	10.0	225
H	98	227
cb	97	228
1/4	97	228
L	97	228
1/4	98	227
cb	98	227
F	98	227
+25	95	230
-25	10.2	223
F	98	227
cb	99	226
1/4	98	227
L	98	227

177.14 = H.L. of Proprietor Gillette 50' N. of

H.C.B.

L. Gillette

3247.

10

1/4	95	230
cb	97	228
H	96	229
+25	10.0	225
-25	10.2	223
H	98	227
cb	10.2	223
1/4	10.4	221
L	10.3	222
1/4	10.2	223
cb	10.4	221
F	10.3	222
+25	10.4	221
-25	10.4	221
F	10.3	222
cb	10.3	222
1/4	10.3	222
L	10.3	222
1/4	10.3	222
cb	9.8	227
H	10.0	225
+25	10.3	222
-25	10.0	225
cb	10.1	224

S.C.B.

S.L. Gillette

25'S of S.L. = F.C. 25'R.

33rd St.

3847

1/4	10.2	22.3
5/8	10.3	22.2
1/4	10.4	22.1
Cb	10.4	22.1
F	10.4	22.1
15'S		
F	10.6	21.9
Cb	10.6	21.9
1/4	10.6	21.9
5/8	10.6	21.9
1/4	10.4	22.1
Cb	10.2	22.3
H	10.2	22.3
10.5'S		
H	10.4	22.1
Cb	10.0	22.5
1/4	10.7	21.8
5/8	10.6	21.9
1/4	10.3	22.2
Cb	10.4	22.1
F	10.6	21.9
12380'S = PC 25'P		
F	11.1	21.4
Cb	11.1	21.4
1/4	11.0	21.5
5/8	11.0	21.5

3847

11

1/4	10.9	21.6
Cb	11.0	21.5
H	11.1	21.4
N.L. Steel		
-25	11.3	21.2
H	11.1	21.4
Cb	11.0	21.5
1/4	11.1	21.4
5/8	11.2	21.3
1/4	11.2	21.3
Cb	11.1	21.4
F	11.2	21.3
+25	11.3	21.2
N.Cb. of Steel		
-25	11.4	21.1
F	11.4	21.1
Cb	11.2	21.3
1/4	11.2	21.2
5/8	11.2	21.3
1/4	11.2	21.3
Cb	11.1	21.4
H	11.1	21.4
+25	11.2	21.3
5/8 Steel		
-25	11.4	21.1
H	11.2	21.2

Cb	11.3	212
1/4	11.3	212
1/2	11.3	212
1/4	11.3	213
Cb	11.2	213
F	11.2	213
+2.5	11.3	212

S.C. of Steel

-2.5	11.4	211
F	11.4	211
Cb	11.2	212
1/4	11.2	213
1/2	11.2	213
1/4	11.1	214
Cb	11.3	212
1/4	11.2	213
+2.5	11.5	210

S.C. of Steel

-2.5	11.6	209
1/4	11.5	210
Cb	11.4	211
1/4	11.4	211
1/2	11.3	212
1/4	11.3	213
Cb	11.4	211
F	11.4	211

+2.5

F

Cb

1/4

1/2

1/4

Cb

1/4

F

337

2434

11.51

2096

S.W.P.P.  
Steel + 33rd

6.5' of S.L. Steel

1/4

Cb

1/4

1/2

1/4

Cb

F

10.5' S

F

Cb

1/4

1/2

1/4

Cb

1/4

11.4

21.1

2.5' of S.L. Steel - 50 2.5' R

11.6

209

11.6

209

11.4

211

11.5

210

11.4

21.1

11.4

21.1

11.6

209

3.5

208

3.7

206

3.5

208

3.4

209

3.5

208

3.5

208

3.6

207

3.9

204

3.8

205

3.7

206

3.6

207

3.6

207

3.7

206

3.7

206

13382 S = PC 25P

N	39	204
Cb	39	204
1/4	39	204
1/2	39	204
1/4	38	205
Cb	39	204
F	41	202

158825 = N1 Durant

Durant  
50% of  
10000

-25	40	203
F	42	201
Cb	41	202
1/4	41	202
1/2	40	203
1/4	40	203
Cb	41	202
N	42	201
+25	40	201

Ncb of Durant

-25	44	199
N	43	200
Cb	42	201
1/4	42	201
1/2	42	201
1/4	42	201
Cb	42	201

F	43	200
+25	42	201
S Durant		
-25	44	199
F	42	201
Cb	45	198
1/4	43	200
1/2	42	201
1/4	42	201
Cb	43	200
N	44	199
+25	44	199
Sub of Durant		
-25	43	200
N	44	199
Cb	43	200
1/4	42	201
1/2	42	201
1/4	42	201
Cb	43	200
F	43	200
+25	43	200
S L Durant From Herbs		
-25	41	202
F	43	200
Cb	46	197



1/4	44	19.9		51	19.2	
1/2	43	20.0		51	19.2	113' S. of Walk to Hour
1/4	47	19.6		51	19.2	17.5' E. of Walk
cb	48	19.5		4.6	19.7	5.22 19.12
W	48	19.5				Webster 13.5' W. of 70' cb
1/25	46	19.7	33rd St	4.9	19.4	
			86' W. of 20' cb From Hour	5.5	18.8	
			S-L Durant Prod. From South	5.2	19.1	
W	5.0	19.3		5.2	19.1	
cb	5.0	19.3	9.5' Tree	5.2	19.1	
1/4	48	19.5	12' W. of Eb.	5.4	18.9	
1/2	44	19.9		5.7	18.6	
1/4	44	19.9		5.4	18.9	
cb	46	19.7	33.5' Tree			N. cb of Webster
F	42	20.1	12' W. of E. Line	5.7	18.6	
			End of S-L Durant	5.8	18.5	
F	42	20.1		5.4	18.9	
cb	5.2	19.1		5.1	19.2	
1/4	5.0	19.3		5.1	19.2	
1/2	49	19.4		5.3	19.0	
1/4	5.2	19.1		5.3	19.0	
cb	5.2	19.1				E. Webster
W	5.1	19.2		4.9	19.4	
			100' S.	5.1	19.2	
W	5.3	19.0	113' S. Tree	5.0	19.3	
cb	5.4	18.9	12' W. of Eb.	4.80	19.54	
1/4	5.3	19.0		5.4	18.9	

33rd St.

2434

2434

15

Cb	57	18.6	
H	55	18.8	
S. E. of Webster			
H	57	18.6	
Cb	58	18.5	
1/4	55	18.8	
1/2	52	19.1	
1/4	52	19.1	
Cb	56	18.7	
F	54	18.9	
S. L. Webster			
F	54	18.9	
Cb	56	18.7	165 = Fire Hl
1/4	53	19.0	175 H of EL
1/2	54	18.9	
1/4	56	18.7	
Cb	58	18.5	
H	57	18.6	
S. S. of S. L. Webster			
H	59	18.4	57 S = 3' Conc. Holkov EL ✓
Cb	58	18.5	520 19.14
1/4	58	18.5	
1/2	56	18.7	67 S = TTP
1/4	56	18.7	135 H of EL ✓
Cb	55	18.8	
F	52	19.1	

100 S			
F	58	18.5	
1/4	57	18.5	
Cb	65	17.8	
1/4	59	18.4	120 S = 2' Conc. Holk
1/2	57	18.6	11' E of H.L.
1/4	62	18.1	62 L = 18.08
Cb	64	17.9	
H	62	18.1	
150 S			
H	63	18.0	152 S = TTP
Cb	65	17.8	137 H of EL
1/4	63	18.0	
1/2	61	18.2	
1/4	61	18.2	
Cb	64	17.9	
F	60	18.3	
200 S			
F	58	18.5	
413 = TTP			
Cb	64	18.1	
1/4	63	18.0	
1/2	63	18.0	
1/4	66	17.7	
Cb	67	17.6	
H	67	17.6	
250 S			

33-57.

3434

N	6.9	17.4	
cb	6.9	17.4	221 S = Trap
1/4	6.8	17.5	18' W of EL
8	6.6	17.7	
1/4	6.6	17.7	295 S = Trap
cb	6.4	17.9	12' W of EL
F	6.3	18.0	

35406 S = S.A. Home Garden

F	6.2	18.1	
cb	6.7	17.6	
1/4	6.9	17.4	
8	6.8	17.5	
1/4	6.9	17.4	
cb	6.8	17.5	
N	6.9	17.4	

Durant St Cross Section

Francis St to West Line of Old Steel Sub.

388' wide to 344'  
56' wide West of 344'  
10' cbs

3, 1, 00  
51507  
17

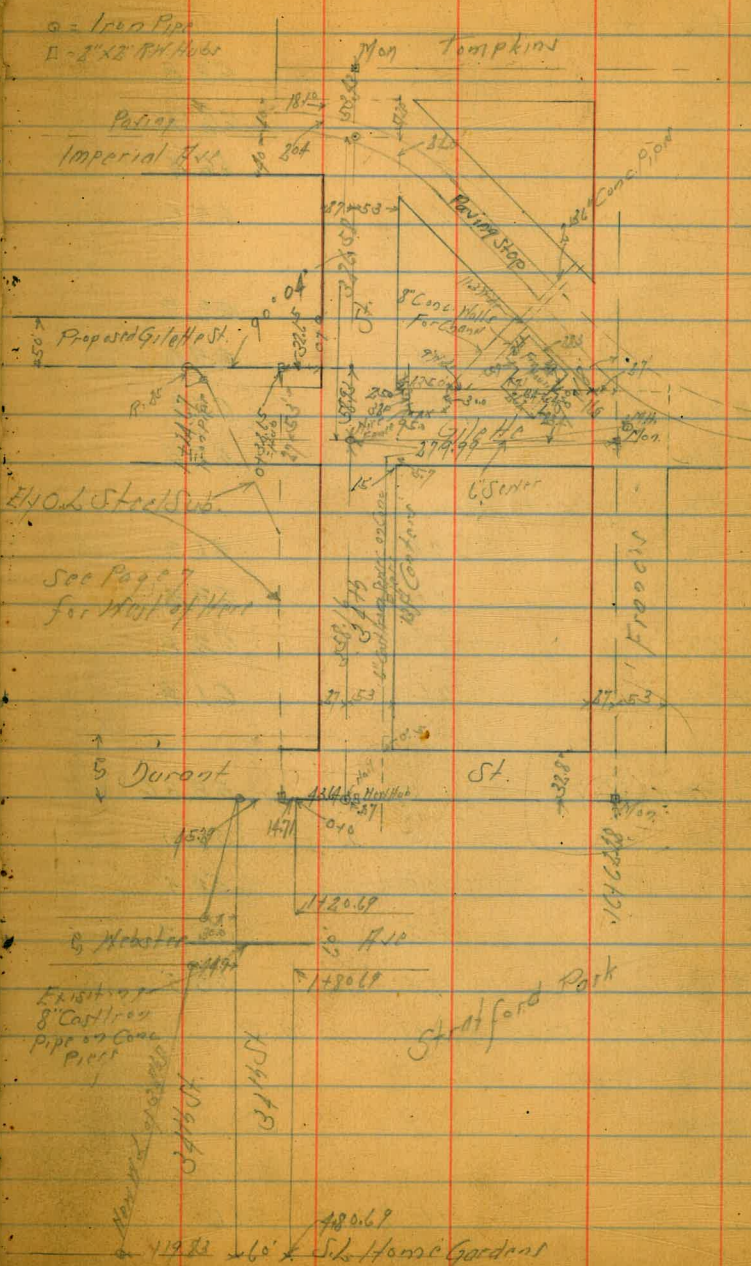
BM	8.18	37.75		39.57	3 1/2" Bridge 10' x 10' x 30' + 100' per m
TP	12.55	50.10	0.20	37.55	
TP	12.12	62.22	0.0	50.10	
TP	8.08	69.40	0.90	61.32	13' Man
BM			2.42	66.98	Durant + Francis

East Line Francis

Francis  
80' wide  
10' cbs  
13' 9 1/2"

-10		42		65.2
S.L. of Francis		16		67.8
+13		27		66.7
+318-N		35		65.9
	FCB			
N		33		66.1
+15		26		66.8
+328-S		11		68.3
+428		5.2		64.2
	F11			
-10		53		64.1
S		08		68.6
+15		18		67.6
+328-N		31		66.3
	F2			
N		39		65.5
+164		21		67.3
+328-S		14		68.0
+428		52		64.2

Plotted 3/11/30 - C.D.H.



a = Iron Pipe  
D = 2" x 2" R.H. Holes

Imperial Ave

Proposed Gillette St

Ely Old Steel Sub.

See Page 7  
for West of Here

Durant

8 Webster

Existing  
8" Cast Iron  
Pipe on Concrete  
Pile

St.

Stafford Park

119.22 60' x 5 1/2" House Girders

Dorant St.

6940

56.64

8

	N <sup>14</sup>			
-10		5.6	63.8	
S		2.5	66.9	
+16.4		3.0	66.4	
+328-N		4.4	65.0	
	NCB			
N		5.9	63.5	
+16.4		4.4	65.0	
+328-S		4.0	65.7	
+42.8		7.0	62.4	
	H.L. Francis			
-10		8.1	61.3	
S		6.0	63.4	
+16.4		6.6	62.8	
+328-N		7.6	61.8	
	25% of H.L. Francis			
-3.4 = Porch of House		10.54	58.86 ✓	
N		13.5	56.9	
+16.4		10.9	58.5	
+328-S		10.3	59.2	
+42.8		10.9	58.5	
TP	0.12	56.64	1288	56.52
	50% N			
-10		1.6	55.0	65% N = 49.70
S		1.1	55.5	8' x 40' L. ✓
+16.4		2.6	54.0	

+328-N		2.7	53.9
	75% N		
N		5.6	51.0
+16.4		5.5	51.1
+328-S		4.9	51.7
+42.8		5.3	51.3
	100% N		
-10		8.1	48.5
S		7.9	48.7
+16.4		8.0	48.6
+328-N		7.8	48.8
+42.8		7.7	48.9
	125% N		
-10		11.0	45.6
N		10.7	45.9
+16.4		10.2	46.4
+328-S		10.5	46.1
+42.8		10.5	46.1
TP	0.12	44.10	12.17
	150% N		43.97
-10		1.9	42.7
S		2.3	42.3
+16.4		5.0	39.6
+328-N		5.8	38.8
+50		6.0	38.3
	175% N		

Durant St.

1460

-172		16.1	28.5	
H		15.1	29.5	
+164		14.6	30.0	
+338=S		12.9	31.7	
+428		11.9	32.7	
TP	0.45	32.25	1280	31.80
		199.93 = L.L. 34 <sup>th</sup> From North		
-20		9.3	23.0	
S		9.3	23.0	
+164		11.1	21.2	
+338=H		15.1	17.1	
+150		15.8	16.4	
+170		17.2	15.0	
TP	4.59	23.95	1289	19.36
		4.5' H of F.L. 34 <sup>th</sup> = 6' Cast Iron Pipeline		
20' H of S. line on L. Iron Pipe		7.20	16.75	
50' H of S. line on L. Iron Pipe		6.80	17.15	
		F.C.B. of 34 <sup>th</sup>		
-20		10.0	13.9	
H		10.3	13.6	
cb		10.5	13.4	
H		10.4	13.5	
S		8.2	15.7	
H		6.9	17.0	
cb		5.7	18.2	
S		4.0	19.9	

34<sup>th</sup> From N  
80' wide  
15' cb  
15' ab

Durant  
50' wide from  
10' cb  
7.59

34<sup>th</sup> of F.C.B.  
Large T.P.  
38.5 of S.L.

3395

19

+20		2.5	21.4
		F 1/4	
-20		11.1	12.8
S		10.9	13.0
cb		10.4	13.5
H		10.1	13.8
S		9.8	14.1
H		9.6	14.3
cb		9.4	14.5
H		9.2	14.7
+20		9.3	14.6
		F 34 <sup>th</sup> From North	
-20		9.2	14.7
H		9.3	14.6
cb		9.4	14.5
H		9.4	14.5
S		9.6	14.3
H		9.5	14.4
cb		9.6	14.3
+30		10.8	13.1
		H 1/4	
-20		9.6	14.3
S		9.3	14.6
cb		9.0	14.9
H		8.9	15.0

Durant St.

2395

1/2	91	148
1/4	92	147
cb	90	149
N	90	149
+20	92	147

Hcb

-20	92	147
N	94	145
cb	93	146
1/4	92	146
1/2	95	144
1/4	92	147
cb	91	148
S	93	146
+20	92	147

N.L. 34th From North

-20	91	148
S	98	141
cb	105	134
1/2	104	135
1/4	103	136
1/4	102	137
cb	104	135
N	99	140
+20	92	147

20' N of N.L. 34th From N

2395

20

-20	72	167
N	73	166
cb	81	158
1/4	97	142
1/2	100	139
1/4	102	136
cb	109	130
S	111	128
+20	105	134

31.65' N of N.L. 34th - East Line Street Sub

-20	115	124
S	105	124
cb	95	144
1/4	81	158
1/2	73	166
1/4	72	167
cb	69	170
N	64	175
+20	66	173

38' N

-20	323	206
N	38	201
cb	52	186
1/4	66	173
1/2	69	170
1/4	71	168

Durant St.

2395

Cb	75	164
S	91	148
120	101	138
150		
-20	64	175
S	50	189
Cb	49	190
4	41	193
5	49	190
4	48	191
Cb	47	192
11	46	193
110	46	193
100		
11	50	189
Cb	50	189
4	49	190
5	50	189
4	51	188
Cb	51	188
S	51	188
150		
S	52	187
Cb	49	190
4	50	189
5	50	189

2395

21

11	50	189
Cb	50	189
11	49	190
200		
11	51	188
Cb	51	188
11	52	187
5	50	189
11	52	187
Cb	51	188
S	53	186
250		
S	51	188
Cb	57	182
11	57	182
5	59	180
11	59	180
Cb	58	181
11	58	181
300		
11	58	181
Cb	60	179
11	61	178
5	61	178
11	60	179
Cb	60	179



S	59	180
328.5M: FL Hoover from S		
S	55	184
cb	53	186
1/4	55	184
1/2	55	184
1/4	54	185
cb	54	185
N	53	186
348.5 = 1/2 Hoover		
N	48	191
cb	49	190
1/4	50	189
1/2	51	188
1/4	51	188
cb	50	189
S	49	190
368.5: 1/2 Hoover		
S	45	194
cb	46	193
1/4	50	189
1/2	49	190
1/4	49	190
cb	49	190
N	48	191

400M

N	43	196
cb	43	196
1/4	43	196
1/2	43	196
1/4	44	195
cb	42	196
S	39	200
450M		
S	41	198
cb	39	200
1/4	43	196
1/2	42	197
1/4	42	197
cb	41	198
N	40	199
450M		
N	37	202
cb	38	201
1/4	38	201
1/2	39	200
1/4	38	201
cb	38	201
S	38	201
511.5M: PC 25' P 27 33' 00" N		
S	38	201
cb	39	200

Durant St.

2295

1/4		4.0	199
1/2		4.0	199
3/4		4.0	199
cb		3.8	201
N		3.7	202

TP 9.82 30.74 3.03 2097  
 EC of 25 R N of 32<sup>nd</sup> on N

N		10.7	200
cb		10.8	199
1/4		10.7	200
1/2		10.8	199
3/4		10.8	199
cb		10.7	200
S		10.8	199

50' N of EC of 25 R

S		10.9	198
cb		10.9	198
1/4		10.8	199
1/2		10.9	198
3/4		10.9	198
cb		10.8	199
N		10.8	199

100' N.

N		10.9	198
cb		10.8	199
1/2		11.0	197

on SW 1/4  
 of EC of 25 R  
 Parcel  
 20.96

23

3074

1/2		10.9	198
1/4		11.1	196
cb		11.1	196
S		10.8	199

125' N

S		11.2	195
cb		11.1	196
1/4		11.3	194
1/2		11.2	195
3/4		11.0	197
cb		11.1	196
N		11.0	197
+15		11.2	195

150' N

-15		10.8	199
N		10.7	200
cb		9.6	21.1
1/4		9.2	21.5
1/2		8.9	21.8
3/4		8.0	22.7
cb		7.0	23.7
S		4.2	26.5
+15		2.3	28.4

175' N

TP	12.49	42.82	0.41	20.33
-10			2.1	40.7

Durant St.

4282

5414

24

S		3.7	39.1	
cb		5.9	36.9	
1/4		6.9	35.9	
1/2		7.6	35.2	
1/2		8.3	34.5	
cb		9.8	33.0	
H		11.9	30.9	
+10		14.1	28.7	
	185' W			
-10		8.6	34.2	
H		5.5	37.3	
cb		3.9	38.9	
1/4		1.8	40.0	
1/2		1.6	40.2	
1/4		1.5	41.3	
cb		1.3	41.5	
S		1.2	41.6	
+10		1.0	41.8	
TP	11.44	5484	0.41	42.40
	200' W			
-10		11.5	43.3	
S		11.5	43.3	
cb		11.9	42.9	
1/4		11.7	43.1	
1/2		11.5	43.3	
1/4		11.5	43.3	

cb		11.2	43.6
H		10.6	44.2
+10		14.0	40.8
	225' W		
H		8.7	46.1
cb		8.8	46.0
1/4		8.6	46.2
1/2		8.3	46.5
1/4		8.0	46.8
cb		7.6	47.2
S		7.1	47.7
	250' W		
S		2.8	52.0
cb		3.5	51.3
1/4		3.8	51.0
1/2		4.0	50.8
1/4		4.2	50.5
cb		4.5	50.3
H		4.8	50.0
	275' W		
H		2.2	54.6
cb		1.8	53.0
1/4		1.7	53.1
1/2		1.4	53.4
1/4		1.0	53.8
cb		0.8	54.0

Durant St.

4.84

25

6532

S		0.0	548
TP	1199	15.32	5233
	300		
S		78	575
cb		91	562
1/4		93	560
1/2		94	559
1/4		95	558
cb		95	558
N		100	553
	325 W		Ed Bancroft
N		18	585
cb		60	593
1/4		51	602
1/2		49	604
1/4		44	609
cb		40	613
S		25	628
	Ed Bancroft		
S	Ed Ch	24	6291
cb		20	633
1/4		24	629
1/2		34	619
1/4		41	612
cb		42	611
N		11	592

1/2 Bancroft

N		33	620
cb		21	632
1/4		18	635
1/2		20	633
1/4		20	633
cb		16	637
S	MH on Riv	114	6418
	Ed Bancroft		
S		10	643
cb		08	645
1/4		08	645
1/2		10	643
1/4		10	643
cb		11	642
N		13	640
TP	1295	7791	036 1491
TP	1109	8885	015 7776
BN		3.74	8514

BN 10 Tech  
Mabert 132  
85%

Steel St. Cross Section

Fly of cb Steel/Sub to W of Stra/Sub

South Line Stationing

50' W of  
10' cb  
75' W  
page 12  
on Steel Pipe  
Steel V 33rd

23.71

2-530

BM	Stationing	Stationing	Stationing	Notes	Stationing	Stationing
	275	23.71	20.96			20.0
						20.0
S		29	20.8			19.8
cb		30	20.7			19.8
1/4		29	20.8			19.8
1/2		30	20.7			19.7
3/4		28	20.9			19.7
cb		28	20.9			19.7
1/4		28	20.9			19.4
						19.5
						19.5
						19.5
						19.7
						19.7
						19.6
						19.6
						19.4
						19.4
						19.4
						19.2
						19.9

Plotted 3-12-30 C.B.V.A.

100'

150'

200'

250'

200'

## Steel St.

2371

cb	3.8	199
1/4	3.3	204
1/2	2.6	211
12 - Sky line of Old Barn		
350 W.		
1/4	3.2	205
cb	3.2	205
1/4	3.2	205
1/2	3.2	205
1/4	2.9	208
cb	3.2	205
S	3.1	206
400 W.		
S	3.1	206
cb	3.0	207
1/4	3.0	207
1/2	3.0	207
1/4	3.0	207
cb	2.9	208
1/4	2.9	208
450 S.		
1/4	2.6	211
cb	2.7	210
1/4	2.7	210
1/2	2.7	210
1/4	2.7	210

2371

27

cb	2.8	209
S	2.8	209
47797 = P.C. 25R East of 33rd St.		
S	2.6	211
cb	2.5	212
1/4	2.5	212
1/2	2.5	212
1/4	2.5	212
cb	2.5	212
1/4	2.6	211
E.C. 15R West of 33rd St.		
1/4	2.6	211
cb	2.5	212
1/4	2.6	211
1/2	2.6	211
1/4	2.7	210
cb	2.8	209
S	2.8	209
50 W of E.C. 25R		
S	2.7	210
cb	2.7	210
1/4	2.6	211
1/2	2.6	211
1/4	2.5	212
cb	2.6	211
1/4	2.6	211

Steel St.

23.71

100' M

N	2.7	210
Cb	2.7	210
1/4	2.7	210
1/2	2.7	210
1/4	2.8	209
Cb	2.9	208
S	3.0	207

150' M

S	2.9	208
Cb	2.7	210
1/4	2.4	213
1/2	2.3	214
1/4	2.1	216
Cb	1.9	219
N	1.4	223

TP	12.33	35.41	0.63	23.08
----	-------	-------	------	-------

200' M

TS	9.4	260
N	9.7	25.7
Cb	10.2	25.2
1/4	10.6	24.8
1/2	10.9	24.5
1/4	11.0	24.4
Cb	11.8	23.6
S	12.1	23.3
1/5	12.0	23.4

225' M

35.41

28

TS	0.0	35.4
S	0.4	35.0
Cb	0.2	35.2
1/4	0.4	35.0
1/2	1.2	34.1
1/4	2.8	32.6
Cb	4.8	30.6
N	6.2	29.1
1/5	7.0	28.4

242.36 - 1/4 of old Steel Sub on South of Steel St.

-15	5.9	29.5		
N	4.0	31.4		
Cb	0.5	34.9		
TP	12.01	47.06	0.36	25.05
1/4	8.2	38.7		
1/2	5.1	42.0		
1/4	1.9	45.2		
Cb	0.6	46.5		
S	0.4	46.7		
1/5	0.4	46.7		
TP	1.49	45.57		

or Iron Pipe  
1/4 of old Steel Sub  
of Steel St.

Gillette St. Cross Section

Francis to West End of o.L. Street/Sub

See Sketchs Page 17 & Page 9

BN 5.46 35.03 29.57

East Line of Francis 85' Wide 14' Cbr

S	4.2	30.8
Cb	5.0	30.0
1/4	3.6	31.4
1/2	3.8	31.2
+2 = S Edge Pav 129	4.10	30.93
1/4 " " "	4.45	30.58
Cb = N Edge "	5.32	29.70
N	5.3	29.7
FCB		
N	5.8	29.2
+5 = N Edge Pav 129	5.71	29.29
Cb " " "	5.21	29.81
1/4 " " "	4.62	30.41
+21 = S Edge "	4.55	30.48
1/2	4.6	30.4
1/4	5.7	29.3
Cb	5.7	29.3
S	5.5	29.5
F 1/4		
S	6.3	28.7
Cb	6.6	28.4
1/4	6.9	28.1
1/2	6.9	28.1

Plotted 3/12/30  
GPH

85' wide 14' Cbr  
12' 9" H

BP Bridge  
East 130' x 7'  
Imperial

3503

29

37.30

+10	1.4	30.6
1/4	4.6	30.4
+15 = S Edge Pav 129	4.94	30.09
Cb " " "	5.11	29.92
N " " "	5.87	29.16
+44 = N Edge "	6.09	28.94
( 2 )		
-148 = N Edge Pav 129	6.33	28.70
N " " "	6.55	29.48 ✓
+107 = S Edge "	5.23	29.80
Cb	5.1	29.9
+8	4.9	30.1
1/4	6.7	28.3
1/2 = N.H. 2' Riv	7.73	27.30 ✓
1/4	7.8	27.2
Cb	7.4	27.6
S	6.8	28.2
N 1/4		
S	7.5	27.5
Cb	7.8	27.2
1/4	8.2	26.8
1/2	8.5	26.5
1/4	8.4	26.6
Cb	5.4	29.6
N = S Edge Pav 129	5.56	29.47
+127 = N Edge "	6.52	28.51



Gillette St.

3503

McB

-121 - S Edge of 129	585	29 18
N	56	29 4
cb	82	26 8
1/4	93	25 7
1/2	94	25 6
1/4	94	25 6
cb	84	26 6
S	80	27 0
7' N of McB		
S	86	26 4
cb	90	26 0
1/4	98	25 2
1/2	99	25 1
1/4	100	25 0
cb	97	25 3
N	66	28 4
H.L. Francis		
N	95	25 5
cb	102	24 2
1/4	100	25 0
1/2	101	24 9
1/4	101	24 9
cb	93	25 7
S	91	25 9

25' N of H.L. Francis

3503

30

S		10.6	24.4
cb		10.5	24.5
1/4		10.9	24.1
1/2		11.1	23.9
1/4		11.3	23.7
cb - Under House			
TP	2.57	27.16	11.41
55' N of H.L. Francis			
1 1/4		4.8	22.9
1/2		4.4	22.7
1/4		4.0	23.1
cb		4.1	23.0
S		4.3	22.8
65' N			
S		4.4	22.7
cb		4.3	22.8
1/4		4.5	22.6
1/2		6.0	21.1
1/4		6.7	20.2
1/2	- Bottom of 129	8.7	18.4
cb	10	8.7	18.4
N		8.4	18.7
+15		8.4	18.7
80' N			
1		3.9	24.2
cb		3.0	24.1
1/4		4.9	22.2

S.E. Cor of House  
on Bottom of 129

320

ood lot off 129  
conc pipes

845

Gillett St.

2716

1/4	62	209
-11 = Bottom Mark	92	179
1/4	85	186
+5 = 6" Cast Iron Pipe Top	890	212
76 = 6" Cast Iron Pipe	57	214
cb	52	220
S	47	224
100' H		
-10	60	211
S	69	202
13 = Bottom	107	164
cb	93	179
+6 = 6" Cast Iron Pipe	605	2111
1/4	62	210
+8	37	234
1/4	37	234
1/4	37	234
cb	19	242
N	27	244
110' H		
N	29	242
cb	32	240
1/4	37	234
1/4	14	228
1/4	12	230
+9 = Cast Iron Pipe top	611	2105
cb	21	200

2716

31

S = Bottom Mark	111	160
-2	111	160
+5	18	203
+15	70	201
130' H		
-20	93	179
-15 = Bottom Mark	111	160
-10 = " "	110	162
-8	63	209
S	62	210
cb	56	216
1/4	48	223
1/4	52	220
1/4	38	233
cb	34	237
N	30	241
150' H		
N	30	241
cb	33	239
1/4	33	239
1/4	51	220
1/4	46	225
cb	45	226
S	56	215
+20	66	205
+32 = Bottom Mark	123	148

Gillette St.

27.16

165' H

-10	6.5	20.6
S	5.4	21.7
Cb	4.3	22.9
1/4	4.5	22.6
1/2	5.3	21.9
3/4	3.5	23.6
Cb	3.4	23.7
N	3.5	23.6

175' H

N	3.6	23.5
Cb	3.5	23.6
1/4	3.8	23.3
1/2	6.6	20.5
3/4	1.1	21.0
+5	5.7	21.4
Cb	8.8	18.3

+5 = Top 1" Cl Pipe on Top  
Core Pipe

S	6.8	20.34
	9.5	17.6
+15	9.5	17.6

185' H

-15	11.2	15.8
S	11.4	15.7
Cb	10.6	16.5
+9	7.5	19.6
1/4	7.0	19.3

27.16

32

1/2	8.0	19.1
Cb	9.8	17.3
N	9.2	18.0
1/4	8.3	18.9
1/2	8.2	19.0

200' H = T.L. of 34' 6" H.

Gillette 50' H  
T.L. 34' 6"

-15	8.8	18.3
N	9.8	17.3
Cb	9.5	17.6
1/4	10.0	17.2
1/2	9.9	17.3
3/4	9.4	17.8
Cb	9.5	17.7
+8.7 = 1" Cl Pipe on Top	7.0	20.16
S	10.9	16.3
+15	11.7	15.5

Next Line 34' H

Gillette 50' H  
T.L. 34' 6"  
10 Cb  
7.5"

-15	8.9	18.3
S	8.6	18.6
Cb	9.5	17.7
1/4	9.5	17.7
1/2	9.0	18.2
3/4	9.0	18.2
Cb	9.8	17.4
N	9.0	18.2

Gillette St.

2716

Patrol South Line Stations of  
Map 3414 St

2716

33

+15		83	18.9
	25' N of X/L 2413 St		
-15		86	18.6
H		94	17.8
Cb		86	18.6
H		90	18.2
L		93	17.9
H		94	17.8
Cb		97	17.5
S		88	18.4
+15		84	18.8
	50' N		
-15		92	18.0
S		95	17.7
Cb		90	18.2
H		88	18.4
L		86	18.6
H		93	17.9
Cb		92	18.0
H		93	17.9
+15		93	17.9
	75' N		
-15		90	18.2
H		93	17.9
Cb		95	17.7
H		95	17.7

L		94	17.8
H		96	17.6
Cb		10.3	16.9
S		10.8	16.4
+15		11.7	15.5
	100' N		
-15		11.8	15.4
S		11.1	16.0
Cb		10.9	16.3
H		11.4	15.8
L		11.1	16.1
H		10.3	16.9
Cb		10.3	16.9
H		10.1	17.0
+15		9.3	17.9
	124.67 = FC of 15' R on S		
-15		9.7	17.5
H		10.2	17.0
Cb		10.3	16.9
H		10.5	16.7
L		10.4	16.8
H		10.5	16.7
Cb		10.6	16.6
S		10.3	16.9
+15		10.1	17.1
	145' N		

Gillette St.

27.16

-15	6.1	211
S	6.0	212
cb	6.9	213
1/4	9.1	181
1/2	10.2	17.0
1/4	10.9	16.5
cb	10.9	16.2
H	10.8	16.4
+15	10.8	16.4

160' H

-15	4.6	226
H	4.6	226
cb	5.0	222
1/4	5.5	21.7
1/2	5.9	21.3
1/4	6.1	21.1
cb	6.3	20.9
S	6.1	21.1
+15	6.2	21.0

200' H

S	6.3	20.9
cb	6.1	21.1
1/4	6.2	21.0
1/2	6.0	21.2
1/4	4.9	22.3
cb	4.8	22.4

27.16

34

H	4.9	22.3
250' H		"
H	5.0	22.2
cb	4.6	22.6
1/4	4.8	22.4
1/2	6.1	21.1
1/4	6.0	21.2
cb	6.1	21.1
S	6.1	21.1

300' H

S	5.8	21.3
cb	6.0	21.2
1/4	5.6	21.6
1/2	5.9	21.5
1/4	4.8	22.4
cb	4.5	22.7
H	4.6	22.6

350' H

H	4.6	22.6
cb	4.5	22.7
1/4	4.4	22.8
1/2	5.5	21.7
1/4	5.3	21.9
cb	5.2	22.0
S	5.1	22.1

400' H

Gillette St.

2716

S			50	222
cb			49	223
1/4			49	223
1/2			47	228
1/4			47	228
cb			45	227
N			45	227
TP	4.37	26.75	428	2238
	450'W			
N			43	224
cb			40	227
1/4			41	226
1/2			36	231
1/4			46	221
cb			47	220
S			47	220
	500'W			
S			46	221
cb			46	221
1/4			46	221
1/2			39	228
1/4			39	228
cb			39	228
N			39	228
	561.78'W = P.C. 15' R.E. of 33rd N on S			
N			41	226

2675

35

cb			38	229
1/4			39	228
1/2			38	229
1/4			46	221
cb			48	219
S			48	219
	FC 25' R.W. of 33rd on S			
S			46	221
cb			46	221
1/4			45	222
1/2			44	223
1/4			39	228
cb			42	225
N			41	226
	50' W of FC			
N			41	226
cb			43	224
1/4			37	230
1/2			39	228
1/4			45	222
cb			45	222
S			45	222
	100' W			
S			48	219
cb			48	219
1/4			48	219

Gilette St.

26.75

26.75

36

1/2	4.0	22.7
1/4	4.1	22.5
Cb	4.4	22.9
H	4.3	22.4
150' W		
H	4.1	22.6
Cb	4.1	22.6
1/4	4.1	22.6
1/2	3.8	22.9
1/4	4.4	22.3
Cb	4.5	22.2
S	4.5	22.2
19 f W PC 30' Run South		
S	4.6	22.1
Cb	4.5	22.2
1/4	4.4	22.3
1/2	4.2	22.5
1/4	4.4	22.3
Cb	4.3	22.4
H	4.5	22.2
254' W		
H	4.1	22.6
Cb	4.1	22.6
1/4	4.2	22.5
1/2	4.1	22.6
1/4	3.9	22.8

Cb	3.9	22.8
S	3.7	23.0
270' W		
S	3.2	26.5
Cb	3.6	26.1
1/4	3.2	24.5
1/2	3.1	23.6
1/4	3.5	23.2
Cb	3.8	22.9
H	4.0	22.7
BM	5.80	40.95
60' W Pipe Steel 4.33' dia 2096		

3455 Cross Section  
 Imperial to S.L. Homegard 80' wide to Durant  
 14' Cb  
 13' Qts

See Sketch Page 17

BM	7.05	36.62	29.57	BP & ridge E of 33' ridge Imperial
		NL Imperial Ace		Imperial 80' wide 14' Cb 13' Qts
N		11.1	25.5	
Cb		10.5	26.1	
1/4		10.3	26.3	
1/2		10.1	26.5	
1/4		6.4	30.2	
Cb		4.5	32.1	
F		1.3	35.3	
		N Cb		
F		4.1	32.5	
1/2		5.0	31.6	
Cb		9.8	26.8	
1/4		10.0	26.6	
1/2		9.7	26.9	
1/4		9.5	27.1	
Cb		9.3	27.3	
N		9.0	27.6	
		N 1/4		
N on Pavmg		9.29	27.33	
Cb " "		9.38	27.24	
1/4 " "		9.52	27.10	
1/2 - Edge "		9.50	27.12	
1/2		9.3	27.3	
1/4		9.4	27.2	

HDS - 02/21/8 Pet + Old

36.62

36-30  
37

Cb	9.6	27.0
F	10.0	26.6
	Imperial	
F	9.8	27.4
Cb	9.3	27.3
1/2 - Edge Pavmg	9.47	27.15
1/4 " "	9.56	27.06
1/2 " "	9.74	26.88
1/4 " "	10.01	26.61
Cb " "	10.05	26.57
1/2 - Edge "	10.02	26.60
N	10.0	26.6
	S 1/4	
N	10.0	26.6
Cb	10.1	26.5
1/4	10.2	26.4
1/2	10.4	26.2
1/2 - Edge Pavmg	10.35	26.27
1/4 " "	10.06	26.56
Cb " "	9.68	26.54
F " "	9.35	26.27
	S Cb	
F on Pavmg	9.86	26.76
1/2 - Edge "	9.95	26.67
Cb	10.1	26.5
1/4	10.2	26.4



34 1/2 St.

36.62

36.62

38

8	10.4	262	cb	16.0	22.6
1/4	10.6	260	1/4	12.9	23.7
cb	10.8	258	8	11.9	24.7
1/4	11.5	251	1/4	10.8	25.8
+10	12.7	239	cb	10.3	26.3
	S.L. Imperial		F	10.1	26.5
-15	13.8	228	10'S - Pole 10'E of LL	75'N	
1/4	13.0	236	F	10.3	26.3
cb	11.0	256	cb	10.5	26.1
1/4	11.0	256	Pole 5'N of S.L. Imperial 35'W of LL	11.2	25.4
8	10.3	263	8	12.1	24.5
1/4	10.2	264	1/4	12.9	23.7
cb	10.2	264	cb	15.2	21.4
F	9.9	267	1/4	16.0	20.6
	25 Jan S.L. Imperial		115	17.5	19.1
F	9.9	267	100'S		
cb	9.8	268	-15	16.6	20.0
1/4	10.2	264	1/4	16.6	20.0
8	11.0	256	cb	17.8	18.8
1/4	11.3	253	1/4	14.4	22.2
cb	12.4	242	8	11.8	24.8
1/4	13.2	233	1/4	11.3	25.3
+15	13.9	227	cb	10.8	25.8
	50'S		F	10.6	26.0
-15	14.1	225	125'S		
1/4	13.3	233	F	11.0	25.6

Cb	18.2	24.4	
1/4	13.6	23.0	
2	15.4	21.2	
1/4	17.7	18.9	
Cb	18.6	18.0	
H	17.7	18.9	
715	17.7	18.9	
	150 S		
-15	17.9	18.7	
H	18.0	18.6	
Cb	18.7	17.9	
1/4	18.5	18.1	
2	18.3	18.3	
1/4	18.0	18.6	
Cb	15.5	21.1	
F	13.6	23.0	
TP	142	2500	
	17765 = NL Gillette from W	16.84	23.78
F	5.9	19.1	
Cb	6.8	18.2	
1/4	6.9	18.1	
2	6.5	18.5	
1/4	7.3	17.7	
Cb	6.1	18.9	
H	6.2	18.8	
715	6.9	18.1	

202.65 S = 2 Gillette from W		
	7.0	18.0
	6.9	18.1
	7.0	18.0
	7.5	17.5
	6.8	18.2
	6.6	18.4
	6.5	18.5
	6.2	18.8
	6.0	19.0
227.65 S = 2 Gillette from W		
	6.9	18.1
	7.8	17.2
	6.5	18.5
	7.2	17.8
	7.6	17.4
	7.8	17.2
	7.7	17.3
	6.5	18.5
	6.8	18.2
247.58 S = 11 Cb of Gillette from End		
	6.5	18.5
	6.6	18.4
	6.3	18.7
	6.9	18.1
	7.9	17.1

Gillette from  
80  
14 Cb  
13.07

34 1/2

2500

1/4	77	173
cb	70	180
F	71	179
+15	71	179
-15	76	174
F	77	173
cb	80	170
1/4	74	176
1/2	74	176
1/4	69	181
cb	62	188
H	59	191
+15	59	191
-15	76	174
H	64	186
cb	59	191
1/4	56	194
1/2	77	173
1/4	81	169
cb	81	169
F	78	172
F	72	178
cb	81	169

M 1/4

1/2 Gillette from F

1/4

2500

40

1/4	84	166
1/2	71	179
1/4	59	191
cb	55	195
H	91	159
+15	92	158
-15	91	159
H	95	155
cb	81	169
1/4	76	174
1/2	77	173
1/4	89	161
cb	80	170
F	74	176
-15	92	158
F	88	162
+15 = Top L.C.I. Pipe on Conc. Part	496	2004
cb	92	158
1/4	89	161
1/2	89	161
1/4	97	153
cb	99	151
H	97	153
+15	100	150

Scb

S.L. Gillette from F

34th St.

25.00

30'S of S.L. Gillette front

-15	9.7	15.3
M	10.3	14.7
Cb	10.4	14.6
1/4	10.4	14.6
1/2	9.8	15.2
3/4	9.9	15.1
Cb	10.5	14.5
F	10.4	14.6
+15	9.6	15.4

40'S

-15	10.0	15.0	51'S = Pole
F	10.6	14.4	115'S = Ed. H.L.
Cb	10.4	14.6	
1/4	10.2	14.8	
1/2	10.2	14.8	
3/4	9.8	15.2	
Cb	9.4	15.6	
49	8.5	16.5	
M	4.5	20.5	
+15	4.0	21.0	

75'S

-15	4.8	20.2
M	4.6	20.4
Cb	4.9	20.1
1/4	4.5	20.5

25.00

41

1/2	6.0	19.0
1/4	8.7	16.3
Cb	9.6	15.4
F	10.4	14.6
+15	10.5	14.5

100'S

-15	11.1	13.9
F	10.0	15.0
Cb	9.7	15.3
1/4	9.2	15.8
1/2	7.1	17.9
3/4	4.7	20.3
Cb	4.9	20.1
M	4.7	20.3
+15	4.5	20.5

122'S

-15	4.8	20.2
M	4.8	20.2
Cb	5.1	19.9
1/4	5.8	19.2
1/2	7.5	17.5
3/4	8.8	16.2
Cb	9.8	15.2
F	9.9	15.1
+15	10.7	14.3

130'S

34th St.

25.00

25.00

42

-15	10.7	14.3
F	99	15.1
Cb	10.0	15.0
1/4	9.1	15.6
1/2	7.7	17.3
1/4	6.1	18.9
Cb	5.2	19.8
H	7.5	17.5
+15	4.2	20.8

150'S

-15	7.8	17.2
H	7.2	17.8
Cb	7.8	17.2
1/4	7.1	17.9
1/2	8.9	16.1
1/4	9.7	15.3
Cb	9.8	15.2
F	11.1	13.9
+15	11.1	13.9

175'S

-15	11.4	13.6
F	11.4	13.6
Cb	10.3	14.7
1/4	9.9	15.1
1/2	9.8	15.2
1/4	8.2	16.8

Cb	8.1	16.9
H	8.4	16.6
+15	6.8	18.2

200'S

-15	8.3	16.7
H	9.0	16.0
Cb	8.4	16.6
1/4	10.2	14.8
1/2	10.6	14.4
1/4	10.1	14.9
Cb	10.6	14.4
F	11.6	13.4
+15	9.2	15.8

225'S

-15	8.3	16.7
F	11.0	14.0
Cb	9.8	15.2
1/4	10.4	14.6
1/2	10.3	14.7
1/4	9.9	15.1
Cb	9.8	15.2
H	10.3	14.7
+15	8.4	16.6

250'S

-15	8.3	16.7
H	9.8	15.2

34<sup>th</sup> St.

250'

Cb		10.2	14.8
1/2		10.4	14.6
2		10.1	14.9
1/4		10.4	14.6
Cb		11.6	14.0
F		10.6	14.4
+15		8.0	17.0
281/16.5 = New Durant from West			
F		8.1	16.9
+3.5 = Top 6" C.I. Pipe on Cone Piers 13 &		7.86	17.14
Cb		11.0	14.0
1/4		10.4	14.6
2		10.3	14.7
1/4		10.0	15.0
Cb		10.4	14.6
N		11.4	13.6
+15		10.0	15.0
TP	4.39	21.94	7.45
S.L. Durant = R.L. Line			
-15		3.0	18.9
N		3.2	18.7
Cb		3.1	18.7
1/4		3.3	18.6
2		3.9	19.0
1/4		3.2	18.7
1/4		7.0	14.9

2194

3730  
43

Cb		8.6	13.3
F		8.9	13.0
+15		7.7	14.2
355 of S.L. Durant			
-15		7.3	14.6
F		8.0	12.9
Cb		8.7	13.2
1/4		9.4	12.5
2		7.1	14.8
1/4		3.7	18.2
Cb		3.8	18.1
N		4.1	17.8
+8.7 = New W.L. 34 <sup>th</sup> St		3.9	18.0
70'S			
-17.5 = New W.L. 34 <sup>th</sup> St		4.1	17.8
N		4.0	17.9
Cb		4.1	17.8
+5		3.7	18.2
1/4		7.5	14.4
2		9.9	12.0
1/4		9.1	12.8
Cb		8.6	13.3
F		7.8	14.1
+15		7.8	14.1
100'S			
-15		7.9	14.0

31.94

F	8.6	13.3
Cb	9.0	12.9
1/4	9.2	12.7
1/2	9.7	12.2
1/4	10.8	11.1
+1.6	10.3	11.6
Cb	6.4	15.5
+1.5	4.0	17.9
H	4.2	17.7
+2.5 = Max HL 34th	4.2	17.7
120.69 S = HL Webster from East		
-30.0 = Min HL 34th	4.4	17.5
H	5.0	16.9
Cb	10.0	11.9
1/4	10.3	11.6
1/2	9.6	12.3
1/4	9.0	12.9
Cb	9.1	12.8
F	9.0	12.9
+1.5	8.0	13.9
150.69 S = 1/2 Webster		
-1.5	7.7	14.2
F	7.5	14.4
F on 8" Cl. Pipe on Con. Pipe from 34th	7.5	14.69
Cb	7.7	14.2
1/4	8.1	13.5

31.94

44

L	9.0	12.9
1/4	10.1	11.8
Cb	10.5	11.4
H	9.6	12.3
H on 8" Cl. Pipe on Con. Pipe	7.50	14.44
+1.2	4.2	17.7
+37.4 = Max HL 34th	4.2	17.7
180.19 S = 1/2 Webster from East		
-44.9 = Min HL 34th	4.6	17.3
-1.7	4.2	17.7
H	10.0	11.9
Cb	10.4	11.5
1/4	10.0	11.9
1/2	9.5	12.4
1/4	9.0	12.9
Cb	8.2	13.7
F	7.8	14.1
+1.0	8.3	13.6
200.5		
-7.0	4.4	17.5
F	8.2	13.7
Cb	7.8	14.1
1/4	7.8	14.1
1/2	9.4	12.5
1/4	10.0	11.9
Cb	10.4	11.5

34 1/2 St.

2194

H	107	102
+15	77	142
+22	45	174
+498 = New Mill 34 1/2 St. 335' S	47	172
-585 = New Mill 34 1/2 St.	39	180
-34	49	170
-25	85	134 <sup>355' S = 19 Tree</sup>
H	10.0	11.9 <sup>005.6. ←</sup>
Cb	10.5	11.4
1/4	10.2	11.5
1/2	8.5	13.4
1/4	7.9	14.0
Cb	7.8	14.1
F	4.8	17.1
	270' S	
F	(40.4)	22.3
Cb	5.8	16.7
1/4	8.6	13.3
1/2	8.7	13.2
1/4	9.2	12.7
Cb	11.3	10.6
H	10.5	11.4
+25	10.1	11.8
+40	5.0	16.9
+678 = New Mill	5.3	16.6

2194

45

300' S		
-745 = New Mill 34 1/2 St.	5.3	16.6
-46	5.2	16.7
-40	9.0	12.9
-20	10.8	11.1
H	11.4	10.5
Cb	10.8	11.1
1/4	9.4	12.5
1/2	9.0	12.9
1/4	6.3	15.6
Cb	5.0	16.9
F	(7.2)	23.1
	335' S	
F	(71.2)	23.3
Cb	4.3	17.6
1/4	6.0	15.9
1/2	8.2	13.7
1/4	8.9	13.0
Cb	9.5	12.4
H	11.4	10.5
+30	11.4	10.5
+50	8.3	13.6
+55	5.3	16.6
+834 = New Mill	5.6	16.3
	370' S	
-91.9 = New Mill	5.9	16.0



34th St.

2194

-65		5.3	166
-55		8.6	133
-40		11.3	106
-20		11.2	106
H		10.1	118
cb		9.0	129
1/4		8.5	134
1/2		8.7	132
1/4		6.9	150
cb		4.0	179
F		(40.5)	224
	400.5		
F		0.9	210
cb		3.3	186
1/4		6.5	154
1/2		8.9	130
1/4		8.6	133
cb		8.4	135
H		9.6	123
+20		11.1	105
+45		11.6	103
+75		15.2	167
+99.5	New H.L.	5.5	16.4
	435.5		
-108.0	New H.L.	5.4	16.5
-80.0		5.3	16.6

2194

46

-60.0		11.6	103
-55.0		11.3	106
H		9.5	124
cb		9.0	129
1/4		9.5	124
1/2		9.1	128
1/4		6.7	152
cb		4.0	179
F		2.3	19.6
	470.5		
F		2.6	19.3
cb		5.6	163
1/4		7.2	141
1/2		9.7	122
1/4		9.6	123
cb		9.6	123
H		10.1	11.8
+30		11.2	107
+50		11.2	107
+75		8.9	130
+90		6.1	158
+116.80	New H.L.	6.0	15.9
	480.69.5		J.L. Home Gardens from Nest
-119.82	New H.L.	5.4	16.5
-85		6.4	15.5
-75		9.8	12.1

3476 St.

2194

47

-15	114	105	
-25	109	110	
H	105	114	
Cb	10.1	118	
H	95	124	
L	97	122	
H	71	14.8	
Cb	60	159	
F	35	184	
BN	0.38	2156	Top Hill SE Hobbsland 33rd
BN	0.99	10.95	on SW Pipe Burr/K23rd 20.96

Hoover St Cross Section  
S.L. Durant to S.L. Home Gardens

10' wide  
5' Cb  
75' 20'

22.52

22.52 18

East Line Stationing

13021 S = NL Webster

Webster  
50' W. of  
10' Cb

BM	0.96	22.52	21.56	F	51	17.3
	S.L. Durant			cb	53	17.2
H		31	19.4	1/4	50	17.5
cb	Plotted 4/11/30 T.J.	36	18.9	1/2	49	17.6
1/4		35	19.0	1/4	50	17.5
1/2		36	18.9	cb	43	18.2
1/4		36	18.9	H	43	18.2
cb		39	18.6			
F		40	18.5			
	50' S of S.L. Durant			H cb		
F		47	17.8	H	47	17.8
cb		47	17.8	1/4	48	17.7
1/4		42	18.3	1/2	49	17.6
1/2		43	18.2	1/4	50	17.5
1/4		43	18.2	cb	51	17.4
cb		42	18.3	F	52	17.3
H		42	18.3			
	100' S			1/2 Webster		
H		41	18.4	F	48	17.7
cb		42	18.3	cb	48	17.7
1/4		43	18.2	1/4	47	17.8
1/2		41	18.1	1/2	47	17.8
1/4		44	18.1	1/4	45	18.0
cb		50	17.5	cb	44	18.1
F		49	17.6	H	43	18.2
				S cb		
				H	49	17.6

Cb	49	17.6
1/4	50	17.5
2	51	17.4
1/4	52	17.3
Cb	53	17.2
F	53	17.2
5L Webster		
F	52	17.3
Cb	54	17.1
1/4	50	17.5
2	52	17.3
1/4	52	17.3
Cb	48	17.7
H	47	17.8
50's of 5L Webster		
H	51	17.4
Cb	50	17.5
1/4	50	17.5
2	49	17.6
1/4	46	17.9
Cb	56	16.9
F	55	17.0
100's of 5L Webster		
F	47	17.8
Cb	51	17.4
1/4	42	18.3

1/2	43	18.2
1/4	44	18.1
Cb	43	18.2
H	41	18.4
750's		
H	43	18.2
Cb	43	18.2
1/4	46	17.9
2	44	18.1
1/4	43	18.2
Cb	41	17.7
F	48	17.7
200's		
F	50	17.5
Cb	52	17.3
1/4	45	18.0
2	44	18.1
1/4	47	17.8
Cb	44	18.1
H	43	18.2
250's		
H	45	18.0
Cb	46	17.9
1/4	48	17.7
2	46	17.9
1/4	47	17.8

182's - p. 10  
3E4NL

Hoover St.

2252

50

Cb	51	17.1
F	53	17.2
3039 S. S. L Home Gardens		
F	58	16.7
Cb	56	16.9
1/4	51	17.4
L	47	17.8
1/4	44	18.1
Cb	45	18.0
H	43	18.2

Pay West Cross Section  
S.L. Durant to S.L. Home Gardens

20' wide  
5' cb  
75' ql

23.06

51

Next Line Stationing

136.315 = N.L. Webster

Webster  
5' of 18.0  
10' cb  
7.5' ql

BM	1.50	23.06	21.56	SET up Hyd Webster 4330			
		S.L. Durant					
		3.3	19.8			47	18.4
cb		3.1	20.0			49	18.2
1/4		3.2	19.9			43	18.8
1/2		3.2	19.9			45	18.6
3/4		3.2	19.9			46	18.5
F		3.2	19.9		= Anchor Pole	44	18.7
		3.2	19.9			44	18.7
		3.2	19.9				
		3.4	19.7				
		50' S of S.L. Durant					
		4.3	18.8			42	18.9
		4.6	18.5			44	18.7
		4.0	19.1			47	18.4
		4.1	19.0			46	18.5
		4.4	18.7			46	18.5
		4.2	18.9			49	18.2
		4.4	18.7			50	18.1
		100' S of S.L. Durant					
		4.3	18.8				
		4.4	18.7				
		4.5	18.6				
		4.3	18.8				
		4.2	18.9				
		4.6	18.5				
		4.6	18.5				

1' cb

1/2 Webster

5' cb

Pole  
1/2 of 18.2  
5' E of N.L. P. 11

Pay past

23.06

23.06

2

Cb	48	18.3
1/4	48	18.3
1/2	47	18.4
1/4	47	18.4
Cb	50	18.1
F	50	18.1

J-L Webster

F	52	17.9
Cb	50	18.1
1/4	47	18.4
1/2	48	18.3
1/4	49	18.2
Cb	48	18.3
H	43	18.8

50'S of J-L Webster

H	52	17.9
Cb	53	17.8
1/4	53	17.8
1/2	50	18.1
1/4	49	18.2
Cb	53	17.8
F	50	18.1

100'S of J-L Webster

F	54	17.7
Cb	57	17.4
1/4	53	17.8

65'S = Black Hall  
07/11/2  
19.60  
95'S = Photo Milk  
07/11/2  
19.16

1/2	54	17.7
1/4	55	17.6
Cb	51	18.0
H	50	18.1

150'S

H	55	17.6
Cb	57	17.4
1/4	57	17.4
1/2	58	17.3
1/4	57	17.4
Cb	60	17.1
F	61	17.0

200'S

F	62	16.9
Cb	63	16.8
1/4	61	17.0
1/2	62	16.9
1/4	62	16.9
Cb	61	17.0
H	63	16.8

250'S

H	66	16.5
Cb	65	16.6
1/4	65	16.6
1/2	64	16.7
1/4	64	16.7

121'S = Pol  
3' E of M.L.

125'S = Garage  
00 E.L. 10th Flr  
57 17A

104'S = 2 Garage  
07 E.L. 3rd Flr  
64 15.1

111'S = Pol  
3' E of M.L.

Payroll St.

2206

33

Cb	67	16.4
F	65	16.6

278'S

F = Garage Dirt Star	67	16.4
Cb	67	16.4
1/4	66	16.5
1/2	64	16.7
1/4	65	16.6
Cb	58	17.3
H = Dirt Walk to House	52	17.9

303 90'S = S. Home Gardens

H	53	17.8
Cb	59	17.2
1/4	64	16.7
1/2	68	16.3
1/4	70	16.1
Cb	69	16.2
F	66	16.5



Location of Existing Sewer in 33<sup>rd</sup> St

Through old Steel Sub

Alley North of Imperial to Webster Ave

BM 354 2239 2885 NE Top Hill Imperial & 33<sup>rd</sup>

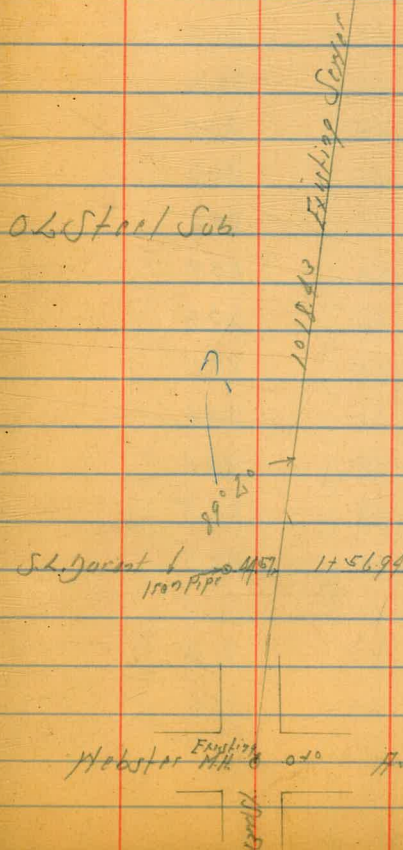
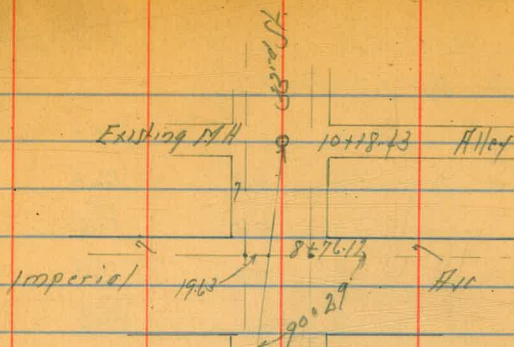
Existing MH & 33<sup>rd</sup> Alley on NW North 1/2 of Imperial 7.60 24.79

Flow Line 1481 17.58

BM 257 2413<sup>v</sup> 2156 SE Top Hill Webster & 33<sup>rd</sup>

Existing MH 33<sup>rd</sup> & Webster 463 19.50

Flow Line 1186 12.27



Proposed Section

Through Block C and D. of 0.4 Street Sub. on 26' Easement

See Page 7 For Sketch

1-30  
Sheet 55

BM	394	2490		20.96	214 Pipe Sheet 33rd Page 12
0+0	- 1/4 Line of Steel Sub		4.3	20.6	
+50			5.3	19.6	
1+0			5.5	19.4	
+50			5.6	19.3	
2+0			6.0	18.9	
+50			6.4	18.5	
3+0			5.8	19.1	
+50			4.7	20.2	
4+0			4.7	20.2	
+50			4.5	20.4	
5+0			4.2	20.7	
+03.91	- FL of 33rd St.		4.3	20.6	
+33.91	- " " "		4.0	20.9	
+63.91	- " " "		4.3	20.6	
6+0			4.4	20.5	
+50			4.5	20.4	
7+0			4.5	20.4	
+50			4.4	20.5	
+75			2.4	22.5	
TP	1450	3940	0.0	24.90	
8+0			8.0	31.4	
+1407	- 1/4 of Steel Sub		0.0	39.4	

Proposed Section  
Through Blocks A and B of Old Steaks Sub  
on 26' Easement  
See Page 7 For Sketch

BM	394	2490	2096	54 Pipe Steel 1/2 33rd
0+0 = Fly Line of Steaks Sub	10.0	14.9		
+15	9.3	15.6		
+25	8.7	21.2		
+54.5	8.7	21.2		
+70	4.2	20.7		
+75	4.1	20.8		
TP 730	2800	420	20.70	
2+0	7.5	20.5		
+18 1/2 East Edge of Well	1.5	21.5		
Top of 19" Pier	18.6	9.4		
Bottom of Well	23.6	4.4		
+46 - West Edge of Well	9.1	18.9		
+50	6.7	21.3		
3+0	6.0	22.0		
+48 = Fly of House	6.4	21.6		
4+0	6.4	21.6		
+50	1.2	21.8		
+72 = E. of 33rd St	6.1	21.9		
5+02 = " " "	6.0	22.0		
+38 = " " "	5.9	22.1		
6+0	1.0	22.0		
+50	6.3	21.7		
7+0	1.1	21.9		
+50	5.7	22.3		
+53 1/2 - Fly Line of Steaks Sub	3.9	24.1		

X See Alley BK 197 Univ. Hts.  
Univ Ave to Lincoln Bet Alabama + Miss.

8-7-30  
Miller  
Summer  
Pierce  
52 Univ 4  
Mississippi

52. Line + Louis 299.98

indexed  
C.S.K.

57

BM	0.80	282.77	281.99
00 = N. Line Univ Ave			
E. ent. cl dirt		11.68	271.11
E. pavmt.		12.28	270.51
⊕ "		12.81	269.98
W "		13.16	269.63
W ent. cl dirt		12.92	269.07
From 0+3.5 to 0+10.2 N. Gas Co. M.H. 4.5 to 8.3 W. of ⊕ Alley			
0+3.5 N. S. End M.H.	(3.8x6.7)	12.66	270.13
0+10.2 N. = N End M.H.		12.31	270.48
From 0+16.5 to 0+20.2 N. Gas Co M.H. 4.5 to 8.2 W. of ⊕ Alley			
0+16.5 N. = S. End. M.H.		11.93	271.86
0+20.2 N. = N End M.H.	(3.9x3.7)	11.80	270.99
	0+20		
W		12.0	270.8
⊕		11.6	271.2
E		10.5	272.3
	0+50		
E		9.0	273.8
⊕		10.0	272.8
W.		10.0	272.8
1+91 garage on E. dirt floor 2.9 Back ✓			
W		7.5	275.3
⊕		6.8	276.0
E		6.5	276.3
E+2.9 floor		6.1	276.7 ✓

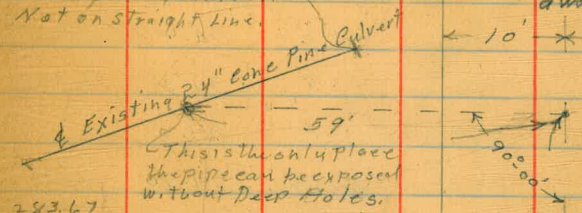
T.P.	9.35	285.53	6.61	276.18
1+06 garage on W. Wood floor 0.1 Back ✓				
E			8.5	277.0
⊕			8.9	276.6
W.			8.9	276.6
W+0.1 floor			8.7	276.8 ✓
1+40 chimney on House on W. 1.3 in Alley House 0.2 Back ✓				
1+42 garage on E dirt floor 0.5 in Alley (				
W			8.0	277.5
⊕			7.8	277.7
E			7.1	278.4
E floor			6.8	278.7 ✓
1+56 garage on E dirt floor 0.3 in Alley ✓				
E floor			6.8	278.7 ✓
⊕			7.6	277.9
W			7.5	278.0
		1+90		
W			6.5	279.0
⊕			6.8	278.7
E			6.1	279.4
		2+11.5		
E-0.6 ent. step to House 4.09 281.44 ✓				
E			4.9	280.6
⊕			5.5	280.0
W			5.3	280.2

285.53		
2+26 garage on E. dirt floor 0.2 Back ✓		
W	4.7	280.8
⊥	5.0	280.5
E floor	4.6	280.9 ✓
2+61 double garage on W. emt. floor 0.2 ✓ Back		
E	3.3	282.2
⊥	3.6	281.9
W	3.4	282.1
+3.2 emt apron	3.32	282.21 ✓
+6.2 floor	2.76	282.76 ✓
2+84 double garage on W. dirt floor 3.5 Back ✓		
W-3.5 floor	2.7	282.8 ✓
W	2.9	282.6
⊥	3.0	282.5
E	2.6	282.9
House on E. 0.1 Back ✓		
3+17 garage on W. dirt floor 0.1 Back ✓		
House on E. 0.1 Back ✓		
E	2.3	283.2
⊥	2.1	283.4
W	1.8	283.7 ✓
3+40 garage on E. emt. floor 0.2 Back ✓		
W	1.4	284.1
⊥	1.8	283.7
E floor & dirt	2.0	283.5 ✓
3+52 garage on E. emt. floor 0.3 Back ✓		
E-0.3 floor	1.83	283.70 ✓
E	2.1	283.4
⊥	1.5	283.7
W	1.6	283.9

Alley BIK 197 2H		
285.53		
3+62 emt walk on W 0.5 Back ✓ 58		
W-0.5 on walk	0.97	284.56 ✓
W	1.5	284.0
⊥	2.0	283.5
E	2.2	283.3
4+00		
E	3.9	281.6
⊥	4.0	281.5
W	3.8	281.7
4+30		
W	5.3	280.2
⊥	5.4	280.1
E	5.2	280.3
5+62 Shed on E. 0.8 in Alley ✓		
4+77 " " 1.0 " " ✓		
4+70		
E	6.2	279.3
⊥	6.2	279.3
W	6.3	279.2
5+00		
W	5.2	280.3
⊥	5.4	280.1
E	4.5	281.0
TP 6.48	290.15	1.86
5+13 double garage on E. emt floor 7.7 Back ✓		
E-7.7 floor	6.68	283.47 ✓
E	7.8	282.4
⊥	9.0	281.2
W	8.6	281.6

5+42	290.15		
2 <del>5+62</del> garage on E cnt. floor		6.8 Back ✓	
W	7.2	283.0	
±	7.0	283.2	
+ 6.8 cnt. apron	6.74	283.41	
E on "	6.41	283.74 ✓	
+ 6.8 floor	6.10	284.05 ✓	
from 5+62 to 5+70 wooden porch on House on W. ✓			
1.0 in Alley ✓			
E	5+71	5.4	284.7
±		5.4	284.7
+ 9 ground		5.0	285.2
+ 9 cnt. slab at Bottom of steps	4.73	285.42 ✓	
W ground	4.8	285.4	
5+99 <sup>5</sup> = S. Line Lincoln Ave			
South End of old cnt. ch. on W. N.C. 0.5 in Alley ✓			
W		3.2	287.0
±		3.4	286.8
E		3.6	286.6
6' N. of S. Line Lincoln			
= S. End cnt. ch. Ret's + pavnt			
E - 0.3 on cnt. ch.		3.23	286.92
E - 0.2 pavnt		3.40	286.75
± "		3.44	286.71
+ 9.6 "		3.12	287.03
+ 9.6 cnt. ch.		2.90	287.25
T.P.	10.93	301.05	0.03
CRBM. S.E Lincoln + Louisiana	10.5	300.00	= 299.98

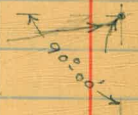
Property Owners say E. End of Existing 24" pipe is about 7' W. of W. line of Alley Culvert. Not on straight line.



283.67		
1.04		
284.71		
0+00	± Alley	5.4
0+38		6.5
0+51		14.1
0+39	Top 24" Pipe	15.6
	Fl. 24" Pipe	267.0

Existing pipe is said by property owner to be a wood stake pipe

← 10' \* 10' →



Alley Blk 197 214 7475

N. Line Univ

Newton Ave X Sec.  
38<sup>th</sup> to 37<sup>th</sup>

7-18-30  
Miller  
Schwepfeyer  
Osborn

T.P. Book  
1320 P 65

76.16

60' W. Brk

60

RM.	1.42	76.16	74.74
	00 = W. Line 38 <sup>th</sup> St.		
N. cl		1.63	74.53
gutter		2.3	73.9
"4		1.8	74.4
⊕		1.6	74.6
"4		1.8	74.4
gutter		2.2	74.0
S. cl		1.56	74.60
	20' W. Brk		
S. cl		1.74	74.42
gutter		2.5	73.7
"4		2.0	74.2
⊕		1.7	74.5
"4		2.0	74.2
gutter		2.6	73.6
N. cl		1.92	74.34
	40' W. Brk		
N. cl		2.17	73.99
gutter		2.9	73.3
"4		2.5	73.7
⊕		2.2	74.0
"4		2.2	74.0
gutter		2.5	73.7
S. cl		1.92	74.24

Curb E. Plotted 9-19-30 G.B.H.

S. cl	2.24	73.92
gutter	3.1	73.1
"4	2.8	73.4
⊕	2.9	73.3
"4	3.2	73.0
gutter	3.7	72.5
N. cl	2.89	73.27
	80' W. Brk	
N. cl	3.83	72.33
gutter	4.6	71.6
"4	4.1	72.1
⊕	3.7	72.5
"4	3.6	72.6
gutter	3.9	72.3
S. cl	2.94	73.22
	100' W.	
S. cl	4.17	71.99
gutter	4.8	71.4
"4	4.6	71.6
⊕	4.7	71.5
"4	5.0	71.2
gutter	5.5	70.7
N. cl	4.98	71.18

76.16

150' W

N. cl	7.73	68.43
gutter	8.2	68.0
"4	7.7	68.5
⊕	7.3	68.9
"4	7.4	68.8
gutter	7.7	68.5
S. cl	7.06	69.10

200' W

S. cl	9.93	66.23
gutter	10.5	65.7
"4	10.2	66.0
⊕	10.2	66.0
"4	10.5	65.7
gutter	11.1	65.1
N. cl	10.51	65.65

T.P. 0.56 63.92 12.80 63.36

250' W

N. cl	1.03	62.89
gutter	1.6	62.3
"4	1.1	62.8
⊕	0.9	63.0
"4	0.9	63.0
gutter	1.2	62.7
S. cl	0.59	63.33

63.92

Newton Ave

300' W

S. cl	3.78	60.44	61
gutter	4.2	59.7	
"4	3.8	60.1	
⊕	3.8	60.1	
"4	4.0	59.9	
gutter	4.5	59.4	
N. cl	3.79	60.13	

350' W

N. cl dipped for drive	7.20	56.72	gutter
"4	6.8	57.1	
⊕	6.6	57.3	
"4	6.8	57.1	
gutter	7.3	56.6	
S. cl	6.39	57.53	

400' W

S. cl	9.28	54.64
gutter	9.7	54.2
"4	9.6	54.3
⊕	9.3	54.6
"4	9.5	54.4
gutter	9.9	54.0
N. cl	9.30	54.62



63.92  
451.2W. = E. End 2' emt. gutter on S.

51.89

Newton Ave

62

N. el	12.14	51.78
gutter	12.9	51.0
"4	12.4	51.5
⊕	12.3	51.6
"4	12.5	51.4
+11. = N. Edge E. End emt. gutter	12.77	51.15
gutter emt.	12.83	51.09
S. emt. el	12.21	51.71
T.P.	0.77	51.89
	12.80	51.12

S. el.	5.95	45.94
585' W.		
S. el	7.92	43.97
gutter	8.6	43.3
"4	8.3	43.6
⊕	7.9	44.0
"4	7.8	44.1
gutter	8.1	43.8
N. el.	7.55	44.34

500' W.

S. el dipped for drive	3.58	48.31
emt. gutter	3.62	48.27
+2' = N. edge emt. gutter	3.57	48.32
"4	3.3	48.6
⊕	3.0	48.9
"4	3.2	48.7
gutter	3.7	48.2
N. el	2.83	49.06

600' W. = 9. line = 37<sup>th</sup> St.

N. el	8.38	43.51
gutter	8.5	43.4
"4	8.2	43.7
⊕	8.5	43.4
"4	8.8	43.1
gutter	9.1	42.8
S. el.	8.82	43.07
chk B.M.	4.93	46.96 = 46.89
T.P.	12.35	64.00
T.P.	12.95	76.31
T.P.	4.98	79.72
chk B.M.	3.14	76.58 = 76.58

551.2 W. = W. end emt. gutter on S.

N. el	5.64	46.25
gutter	6.6	45.3
"4	6.1	45.8
⊕	6.0	45.9
"4	6.2	45.7
+11. = N. edge W. end emt. gutter	6.45	45.44
emt. gutter	6.52	45.37

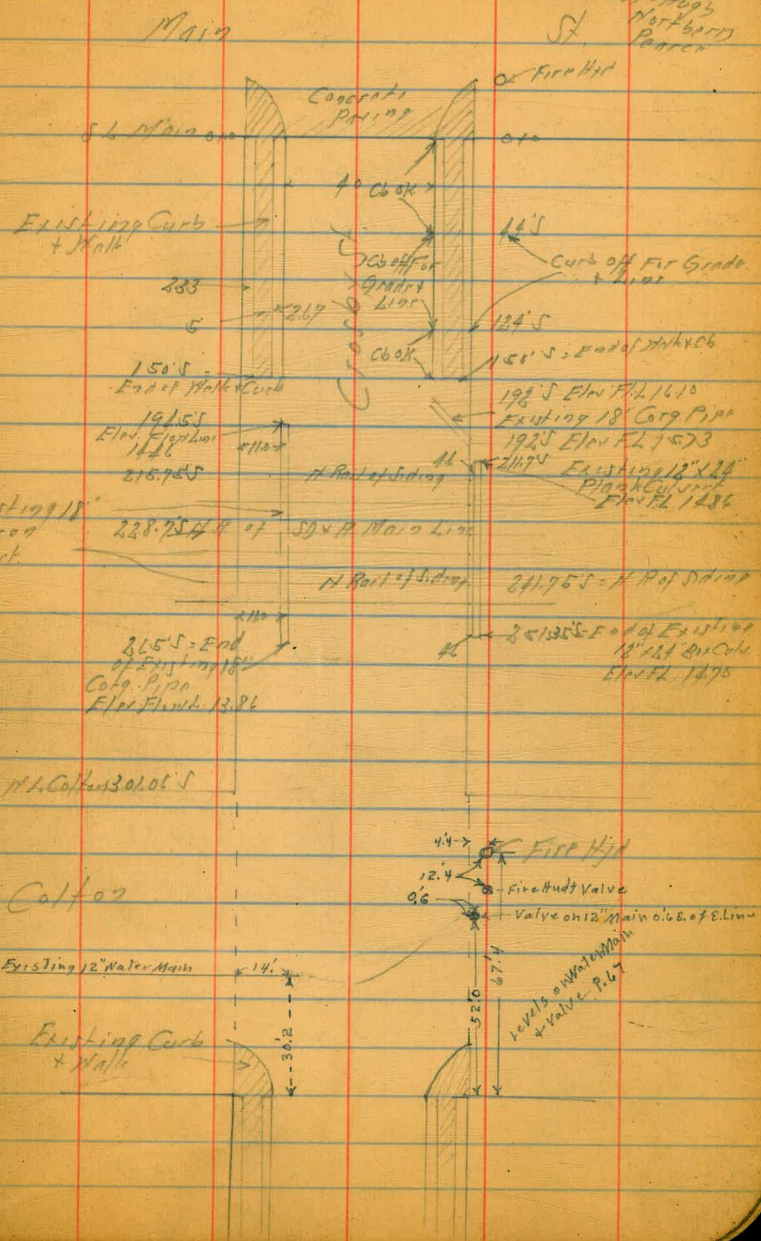
T.P.	0.24	51.65
T.P.	0.64	63.36
T.P.	1.57	74.74
chk B.M.	3.14	76.58 = 76.58

Crosby St. Cross Section  
S.L. Main to S.L. Colton

BM	0.50	29.42	28.93	SW 8P Northward Grade
		S.L. Main		
H		7.3	22.1	
Cb Top		7.52	21.91	
Gutter or Parapet		8.23	21.21	
H		8.01	21.42	
H		7.88	21.55	
H		7.99	21.44	
Gutter		8.21	21.22	
Cb Top		7.49	21.94	
F		7.2	22.2	
		25'S of S.L. Main		
F		7.8	21.6	
Cb		8.11	21.32	
Gutter		8.4	21.0	
H		8.6	20.8	
H		8.2	21.2	
H		8.5	20.9	
Gutter		8.9	20.5	
Cb		8.13	21.30	
H		7.8	21.6	
		53'S		
H		8.3	21.1	
Cb		8.67	20.76	
Gutter		9.3	20.1	

Old - 11-21-1930  
 H.B.D.  
 Patrol

①



63  
 Dec 7-30  
 S.L. Main  
 Northward  
 Pattern

Crosby St

29.43

4 1/2	9.2	20.2
2	8.7	20.7
1/4	8.8	20.6
Gutter	9.3	20.1
cb	8.83	20.60
F	8.4	21.0
75 S		
F	8.9	20.5
cb	9.24	20.19
Gutter	9.7	19.7
1/4	9.4	20.0
2	9.3	20.1
1/4	9.6	19.8
Gutter	9.8	19.6
cb	9.27	20.16
H	8.9	20.5
100 S		
H	9.7	19.7
cb	9.81	19.59
Gutter	10.5	18.9
1/4	10.2	19.1
2	9.8	19.6
1/4	10.0	19.4
Gutter	10.7	18.7
cb	10.27	19.06
F	9.5	19.9

29.43

64

TP	2.75	2.212	10.06	19.37
12.5 S				
F			2.1	19.5
cb			3.10	19.02
Gutter			3.9	18.2
1/4			3.3	18.8
2			3.2	18.9
1/4			3.5	18.6
Gutter			3.9	18.2
cb			3.14	18.98
H			3.0	19.1
150 S = End of Cb + Half F + H				
H			3.5	18.6
cb			3.92	18.40
Gutter			4.4	17.7
1/4			4.2	17.9
2			4.0	18.1
1/4			4.0	18.1
Gutter			4.4	17.7
cb			3.90	18.42
F			3.3	18.8
175 S				
F			4.1	18.0
+9			3.9	18.2
cb			5.4	16.7
1/4			4.6	17.5

Crosby St.

2212

1/2	48	17.3
1/4	49	17.2
Cb	50	17.1
+2	42	17.9
H	41	18.0
200'S		
H	49	17.2
Cb	48	17.3
1/4	50	17.1
1/2	53	16.8
1/4	50	17.1
Cb	44	17.7
F	44	17.7

2157.5'S = N Rail of Siding

-50 Top Rail	532	16.80
F " " + Ground	559	16.53
Cb " " " "	561	16.51
1/4 " " " "	560	16.52
1/2 " " " "	563	16.49
1/4 " " " "	565	16.47
Cb " " " "	571	16.41
H " " " "	573	16.39
H Ground	61	16.1
+50 Top Rail	593	16.20

228.7 = N Rail of SD + F. Mainline

-50 Top Rail	592	16.20
--------------	-----	-------

2212

65

H Top Rail + Ground	575	16.37
Cb " " " "	577	16.38
1/4 " " " "	568	16.44
1/2 " " " "	567	16.45
1/4 " " " "	566	16.46
Cb " " " "	558	16.54
F " " " "	554	16.58
+50 " " " "	534	16.78

241.75'S = North Rail of Siding

-50 Top Rail	551	16.61
F " " + Ground	567	16.45
Cb " " " "	566	16.46
1/4 " " " "	562	16.50
1/2 " " " "	563	16.49
1/4 " " " "	562	16.50
Cb " " " "	566	16.46
H " " " "	570	16.42
+50 " " " "	599	16.13

250'S

H	60	16.1
Cb	57	16.4
1/4	56	16.5
1/2	57	16.4
1/4	57	16.4
Cb	56	16.5
F	56	16.5

Crosby St.

22.12

275' S

F	6.7	15.4
Cb	7.3	14.8
1/4	6.9	15.2
1/2	6.9	15.2
3/4	6.9	15.2
Cb	7.5	14.6
+2	6.7	15.4
H	6.5	15.6

304.06 S = H. Cotton

H	6.9	15.2
Cb	7.1	15.0
+2	7.7	14.4
1/4	7.4	14.7
1/2	7.3	14.8
3/4	7.6	14.5
Cb	7.3	14.8
F	6.9	15.2

H Cb of Cotton

F	7.4	14.7
Cb	7.6	14.5
1/4	7.5	14.6
1/2	7.5	14.6
3/4	7.5	14.6
Cb	7.6	14.5
H	7.2	14.9

Cotton  
80' wide  
11' Cb  
18' QH

22.12

H 1/4

H	7.7	14.4
Cb	7.9	14.2
1/4	7.7	14.4
1/2	7.7	14.4
3/4	7.7	14.4
Cb	7.7	14.4
F	7.4	14.7

1/2 Cotton

F	7.6	14.5
Cb	7.8	14.3
1/4	7.8	14.3
1/2	8.0	14.1
3/4	8.0	14.1
Cb	8.1	14.0
H	7.7	14.4

S 1/4

H	8.1	14.0
Cb	8.5	13.6
1/4	8.2	13.9
1/2	8.2	13.9
3/4	8.1	14.0
Cb	7.9	14.2
F	8.0	14.1

S Cb

F Top Cb	8.2	14.00
----------	-----	-------

66

Crosby St. 2212

I Gutter	82	13.9
Cb	82	13.9
1/1	82	13.9
1/2	81	13.7
1/4	85	13.6
Cb	87	13.4
H Top Cb + Ground	812	14.00
S.L. Colton		
H	79	14.2
Cb Top	808	14.04
Gutter	87	13.4
1/1	87	13.4
1/2	83	13.8
1/4	84	13.7
Gutter	84	13.7
Cb Top	813	13.99
I	79	14.2

Location Water Main at Crosby + Colton  
Plat Page 63.

B.M. W. Bolt Top Hydr	0.07	24.25	24.18	SE Crosby + Main
Top 12" Water Main	14.5' W. of S. Line Crosby 30.2' W. of S. Line Colton	13.2	11.05	
Top Flange Base Fire Hydr	67.4' N. of S. Line Colton 4.4' E. of " Crosby	9.27		
Top of Stem Valve 12" Main	0.6' E. of E. Line " 52.0' N. of S. Line Colton	11.21		
chk E. cl. Crosby S. line Colton		10.26	13.99 ✓	

12-12-30	Curb + Walk Levels	E. Side		
Miller	Crosby - Main St.	South		
Sammertmayer				
oskoverke				
B.M.	1.36	30.29	28.93	
T.P. N. Bolt Top Hydr	0.32	24.50	6.11	24.18
		00 = S. Line Crosby		
E. cl.			2.56	21.94 ✓
+ 2.6 E = W. edge walk			2.44	21.06
		0 + 0.8 S.		
E. cl.			2.87	21.63
+ 2.6 E = W. edge walk			2.49	21.81
		0 + 44.3 S		
E. cl.			3.65	20.85
+ 2.6 E = W. edge walk			3.53	20.97
		0 + 70.9 S		
E. cl.			4.25	20.25
+ 2.6 E = W. edge walk			4.16	20.34
		0 + 85 S		
E. cl.			4.62	19.88
+ 2.65 E = W. edge walk			4.50	20.00
		1 + 00 S		
E. cl.			5.44	19.06 ✓
+ 3.0 E = W. edge walk			4.82	19.68
		1 + 23 S		
E. cl.			5.42	19.02
+ 2.6 E = W. edge walk			5.42	19.08
		1 + 50 S = S. End walk + cl.		
E. cl.			6.08	18.42 ✓
+ 2.6 E = W. edge walk			6.02	18.48
0 + 7.6 E = E. " "			5.93	18.57

67  
S.W. Crosby  
+ Newton  
S.E. Crosby  
+ Main

Levels for Culvert Webster Av.  
Baneroft. St. East. to Wash.  
Sec Plat Page 79.

B.M.	8.37	75.40	67.03	N.W. 32 <sup>nd</sup> + Imperial.
T.P.	0.70	66.22	9.88	65.52
Set. B.M. B.P. N.W.			4.29	61.93
				0+00 = W. Line Baneroft. = E. End Pav.
10.65' Lt. {	W. End. N.W. Ret.		4.12	62.10
	Top. emt. el.			
10.65' "	gutter pav.		4.69	61.53
⊕	= W. end. Pav.		4.95	61.27
41.35' Rt.	gutter Pav		6.80	59.42
41.35' "	{			
	Top. emt. el.		6.25	59.97
	W. End. S.W. Ret.			
				0+10 = W. ch. line Baneroft.
55.35' Rt.	{		6.35	59.87
	Top. emt. el.			
	S. End. S.W. Ret.			
55.35' "	gutter		7.1	59.1
⊕	culvert.		5.3	60.9
24.65' Lt.	gutter		5.1	61.6
24.65' "	{			
	Top. emt. el.		4.33	61.89
	W. End. N.W. Ret.			
				0+50 = E. Curb. line
24.65' Lt.	gutter		7.2	59.0
24.65' "	Top. emt. el.		6.35	59.87
⊕	" " "		7.00	59.22
⊕	gutter		7.6	58.6
41.35' Rt.	"		8.5	57.7
41.35' "	Top. emt. el.		8.04	58.18
55.35' "	" " "		8.23	57.99
⊕ 0+60 =	E. line Baneroft.		7.1	59.1
⊕ 0+67			9.0	57.2
⊕ 1+00			11.1	55.1
T.P.	0.54	54.06	12.70	53.52

54.06

68

1+50 ⊕			2.1	52.0
1+95	W. end of Wash		8.9	45.2
				2+05
6' Lt	Natural ground.		10.8	43.3
⊕	1 in wash		14.9	39.2
4' Rt.	Natural gr.		11.6	43.1
2+06	⊕		18.0	36.1
T.P.	0.57	41.38	13.25	40.81
				2+20
3' Rt	Natural ground		3.2	38.2
⊕	1 in wash		9.6	32.4
8' Lt.	" "		9.0	32.4
9' Lt.	Natural ground.		2.6	38.8
				2+40
5' Lt			10.8	30.6
⊕	1 in wash		12.0	29.4
5' Rt			11.1	30.3
T.P.	1.03	30.16	12.25	29.13
				2+55
5' Rt			5.5	24.7
⊕	1 in wash		7.7	22.5
5' Lt.			6.0	24.2
				2+75
2' Rt.	= W. end 1 in Culvert.		10.5	19.7
⊕			10.5	19.7
3' Lt			9.2	21.0

Continued on Page 80

Walker  
Bliss  
Drebert  
12-19-30

ROSS SECTION 20' Alley  
Bk. 82 Univ. Hts.  
Bet. Maryland and New Jersey  
From Sta. Monroe to N.H. MEADE

246 344.51 342.05  
5th B.P. Monroe Maryland

South cb. Line Monroe.

East on Parking	5.39	338.12
L " "	5.59	338.92
West " "	5.73	338.78

Sta. Monroe = 0+00

N top. cb.	4.81	339.70
" Gut. on Pav.	4.88	339.63
L " "	5.18	339.38
E " " "	4.70	339.81
E top. cb.	4.53	339.98

0+10

E	4.6	339.9
L	4.4	340.1
N	4.3	340.2

0+50

N	3.7	340.8
L	3.9	340.6
E	3.8	340.7

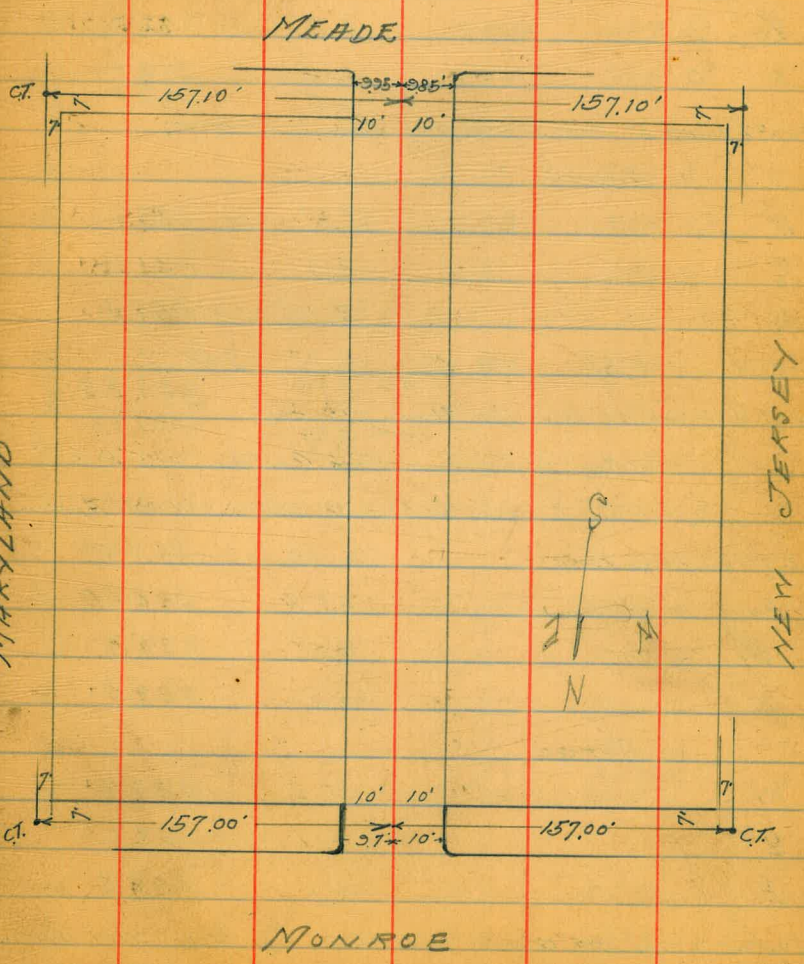
0+75

E	3.4	341.1
L	3.5	341.0
N	3.2	341.3

1+00

N	2.4	342.1
---	-----	-------

Plotted 12-22-30 G.B.H.





L	2.7	341.8	
E	2.6	341.9	
1+45 = L Garage on West 1' Back 10' Wide	Pod = 2.4	342.1	↓
	1+50		
E	2.2	342.3	
L	2.2	342.3	
M	2.4	342.1	
1+60 = L Garage on West, on line, dirt floor, 10' wide,	Pod = 2.5	342.0	↓
	2+00		
M	3.4	341.1	
L	3.3	341.2	
E	3.1	341.4	
T.P	2.37	343.17	
	R = 1.73	340.80	
2+27 = L Garage on East Can. Floor 0.75' Back	R = 2.04	341.44	↓
		341.13	↓
2+40 = L Garage on East Can. Floor 0.75' Back			↓
2+59 = L Garage on East Can. Floor and Can. Apron			
-2.7' on Garage Floor	2.33	340.84	↓
East. on toe Can. Apron	2.77	340.40	↓
L	3.5	339.7	
M	3.7	339.5	
	3+00		
M	5.5	337.7	
L	5.1	338.1	
E	4.7	338.5	
3+02 = N edge Obli. Garage on West Can. Floor and Apron			
M-3.5 on Floor	5.79	337.38	↓

M-1.0' on toe Apron	5.80	337.37	
L Above Garage			
M-3.5' on Floor	5.91	337.26	
M-1.0' on toe Can. Apron	6.08	337.09	
3+21 = South edge Above Garage			
M-3.5' on Floor	5.94	337.23	↓
M-1.0' " toe Can. Apron	6.92	336.75	
3+22 = L Sewer M.H.			
E	5.8	337.4	
L on Rim M.H.	5.94	337.23	↓
M	6.4	336.8	
3+57 = L Garage on East 0.75' in Alley Can. Floor			↓
-5'	9.8	333.4	
M	8.8	334.4	
L	8.7	334.5	
+9.25 on Can. Floor	8.13	335.04	↓
	4+00		
E	10.4	332.8	
L	11.0	332.2	
M	11.5	331.7	
+5'	12.8	330.4	
4+10 = L Obli. Garage on East 4' Back dirt floor	9.9	333.3	↓
	4+25		
-5'	14.2	329.0	
M	11.9	331.3	
L	11.7	331.5	
E	11.0	332.2	

4+50

T.P.	188	332.38	12.67	330.58
E			1.0	331.4
+5			2.0	330.4
L			2.4	330.0
N			3.6	328.8
+5			4.2	328.2

4+75

-5			4.9	327.5
N			4.0	328.4
L			3.2	329.2
+5			2.9	329.5
E			1.7	330.7

5+00

E			3.1	329.3
+5			4.1	328.3
L			4.5	327.9
N			5.4	327.0
+5			5.7	326.7

5+02 = N edge Dble Garage on E. Cor. Floor and Apron.

E-8.0' on Floor.	3.09	329.29	✓
E-4.0' toe Apron.	3.56	328.82	✓

5+20 = South edge Above Garage

E-8.0'	3.09	329.29
E-4.0' on toe of Apron.	3.61	328.77

5+08 = L Garage on West 10' wide Cor. Floor

N-3.0' on Floor	5.43	326.95
N on toe of Apron at North	5.35	edge Garage 327.08
N " " " " South	5.59	" " 326.79

5+25

-5	6.7	325.7
N	5.9	326.5
L	5.5	326.9
+5	5.1	327.3
E	4.2	328.2

5+50

E	5.1	327.3
+3'	5.4	327.0
+7	6.6	325.8
L	6.8	325.6
N	7.2	325.2
+5	7.2	325.2

5+75

-5'	8.2	324.2
N	8.1	324.3
L	7.4	325.0
+5	7.2	325.2
+8	5.8	326.6
E	5.2	326.8

5+85

E	6.5	325.9
L	8.5	323.9

L+5'	8.6	323 8
+7'	8.0	324 4
M	8.2	324 2
+5	8.5	323 9

5+96

M	8.5	323 9
+3	8.2	324 2
+4	10.5	321 9
L	10.7	322 7
+4'	10.6	321 8
+7	8.2	324 2
E	7.6	324 8

T.P. 0.82 322 20 11.00 321.38

6+01.55 = N.L. Meade

E top cb.	0.38	321 82
E Gut. on Pav.	0.59	321 61
L on Pav.	1.69	320 51
M on Pav.	2.09	320 11
M " cb.	3.09	320 11

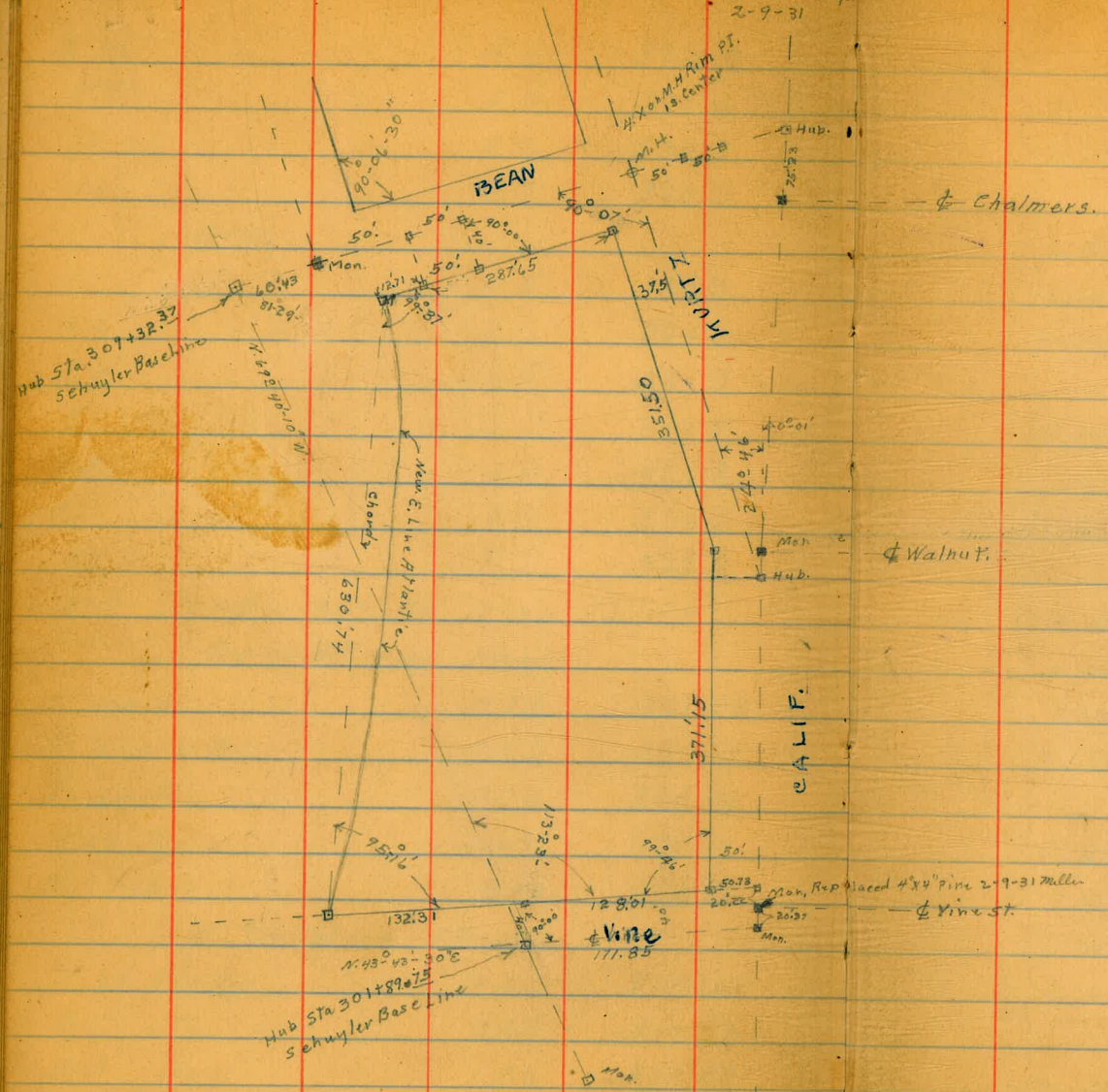
N. cb. Line Meade

M on Pav. 179	3.20	319.00
L " "	2.28	319.92
E " "	1.36	320.84

8M  
Cbk. N.E. 7' fact. 12.17 310.03 + New Jersey  
310.00  
0.03 Error.

Survey BIKs. 157 + 258 Middl. town Miller Oberh Sommerweger 2-9-31

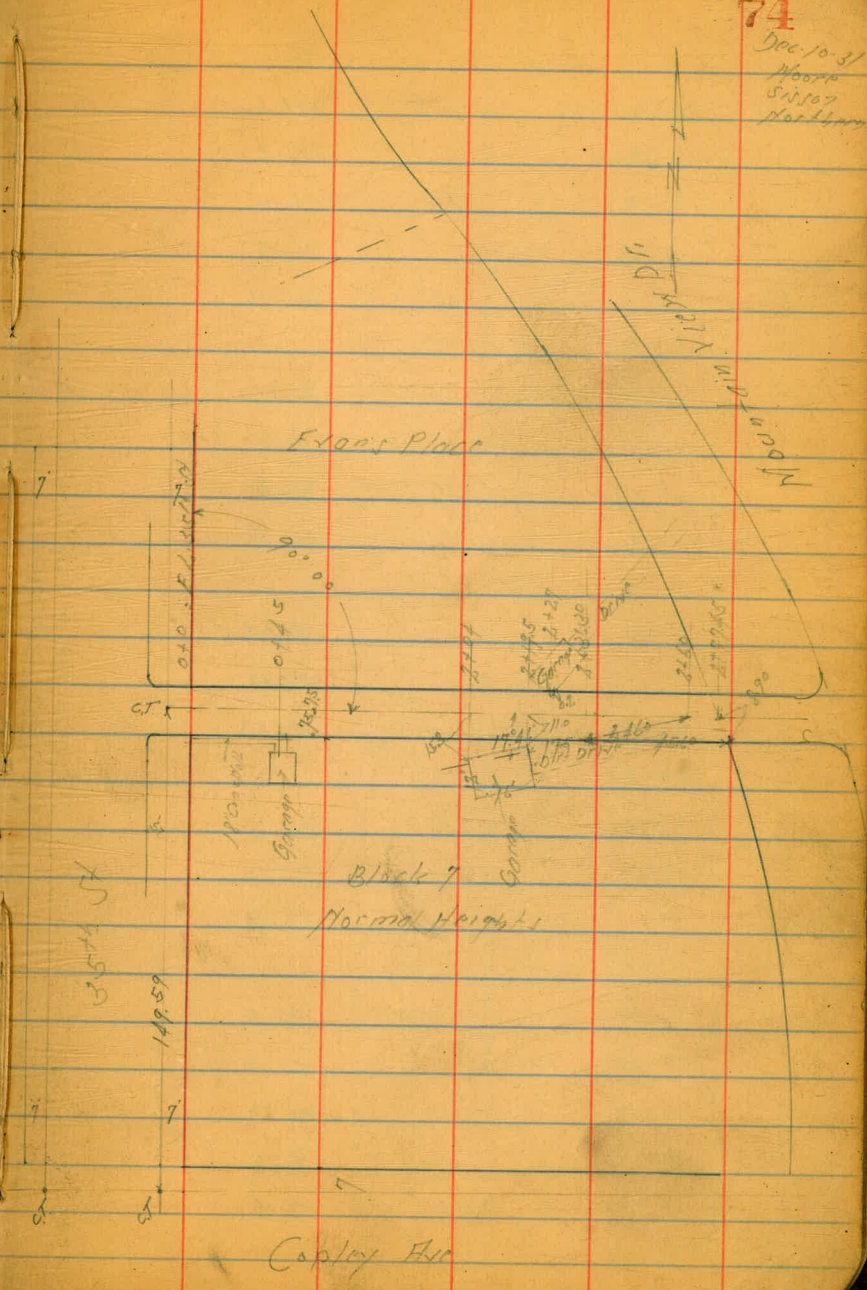
Indexed  
188



Cross Section Alley From Place + B) 7 Normal Hts.  
 North of Copley 35' to Mountain Crest 15' wide

74  
 Dec 10-31  
 Moore  
 E. 1907  
 Northboro

BM	521	396.36	391.15	3787 Copley + Mountain Crest
TP	534	401.33	037	395.99
FC6 of 35' 135'				
H	07	732	394.01	
A		726	394.07	
S		721	394.09	
East Line 35' 135' = 0.20				
S	07	645	394.88	
A		672	394.61	
H		654	394.79	
07050				
A		57	395.6	
A		59	395.4	
S		57	395.6	
72.2 = Top 30' Walk 18' wide				
0719				
-01 = Top 18' Walk		491	396.35	
S		51	396.2	
A		51	396.2	
H		53	396.0	
0725				
-37 = 30' Case Walk		487	396.46	
H		50	396.3	
A		49	396.4	
S = 18' Walk		491	396.39	



401.33

0745

-1-2 Garage Cond Floor	171	396.62
S - Cond Floor	183	396.50
1/2	19	96.4
H	17	96.6
+35 - 30' Walk	170	96.63

0758

37 - 1/2 Garage Cond Floor	193	96.60
H	17	96.6
1/2	17	96.6
S	18	96.5

0780

S	65	95.18
1/2	19	96.4
H	50	96.3

1740

H	18	96.5
1/2	51	96.2
S	54	95.9

1725

-10	59	95.4
S	54	95.9
+2	16	96.7
1/2	17	96.6
H	17	96.6

401.33

75

1750

H	51	96.2
1/2	52	96.0
S	54	95.9
+10 H. to Hold Over Tub Drainage	57	95.6

1175

S	51	96.2
1/2	52	96.1
H	53	96.0

2704

H 07 Cond Walk	519	96.14
1/2	52	96.0
S	50	96.3

27195

-35 - Cond Garage Cond Floor	535	95.98
S	55	95.83
1/2	55	95.8
H	54	95.9

2717

H - Cond Garage	57	95.6
1/2	57	95.6
S	54	95.9
+12	52	96.1

27363

-10	54	95.9
S 07 RR Hub	525	96.08

#0133

Z		6.0	95.3
H		5.8	95.5

2+15

H		6.1	95.2
Z		6.1	95.2
S		5.6	95.7
+6		5.7	95.6

2+60

S		6.9	94.4
Z		7.0	94.3
H		6.9	94.4

2+77.15 - XL M. 11/11/11 or 11/11/11

H	Top cb	891	92.39
H	of Parings	912	92.21
Z	" "	913	91.90
S	" "	934	91.99
S	Top cb	911	92.22

WCB of M. 11/11/11

S	of Parings	995	91.38
Z	" "	990	91.43
H	" "	991	91.42

T	0.59	391.58	5.31	395.99
BM			5.13	391.15

5/11 8P  
Cap/11/11/11

Plotted AEB 12-24-31

80' Wide Sutherland St. X. See.  
 14' curbs La Jolla Ave to Moore St.  
 13' 1/4 S.

3-24-32  
 Miller  
 Walker  
 Bliss  
 N.E. Noell  
 + La Jolla Ave.  
 W.E. Sutherland  
 + La Jolla Ave.  
 67.19

Indexed  
 C.S.K.

70.85  
 50' S.

77

B.M.	0.82	74.97	74.15
chk B.M.		7.78	67.19
T.P.	4.50	70.85	8.62 66.35
00 = 5. Line La Jolla Ave			
W. on cmt. Ret.		3.72	67.13
W. ground to S.		4.0	66.9
W. ch. dirt tes.		4.5	66.4
W. ch. on cmt. ch.		3.86	66.99
gutter, on s. edge pavmt.		4.66	66.19
" " " " "		4.58	66.27
⊥ " " " "		4.61	66.24
" on ground pavmt. sunk		5.2	65.7
gutter " " " "		5.46	65.44
E. cmt. ch.		4.95	65.90
+ 4.5 = W. edge cmt. walk to S.		4.82	66.03
+ 9.5 = E. " " " " "		4.72	66.13
E. line on cmt. Ret.		4.63	66.22
10' S.			
E.		5.6	65.3
+ 9.5 = W. edge cmt. walk		5.83	65.02
E. ch. lowered to gutter for drive.		6.50	64.35
"		6.0	64.9
⊥		5.6	65.3
"		5.5	65.4
+ 10		5.5	65.4
ch.		4.8	66.1
W.		4.5	66.4

Pls Hear

W.			9.0	61.9
ch			9.4	61.5
+ 5			10.3	60.6
"			9.7	61.2
⊥			9.5	61.4
"			9.7	61.2
gutter			10.0	60.9
E. cmt. ch			9.65	61.30
T.P.	1.61	59.78	12.68	58.17
86' S.				
E. curb E. edge drive.			2.01	57.77
100' S.				
E.			2.5	57.3
+ 4.5 = E. edge S. end cmt. walk			3.05	56.73
+ 9.5 = W. " S. " " "			3.16	56.62
This is. Not up to grade				
E. cmt. ch. at S. end drive + S. end cmt. ch.			3.45	56.33
gutter			3.8	56.0
"			3.4	56.4
⊥			3.0	56.8
"			3.5	56.3
+ 9			4.3	55.5
ch.			3.5	56.3
W.			3.1	56.7



59.78

150'.S.

W	7.9	51.9
cb	8.3	51.5
+4	9.1	50.2
"4	8.6	51.2
Φ	8.0	51.8
"4	8.1	51.2
+6	8.4	51.4
+8	9.1	50.2
cb.	8.6	51.2
+11	8.2	51.6
E.	7.6	52.2
185'.S.		
8	10.9	48.9
+3	11.4	48.4
cb	11.6	48.2
+5	12.0	47.8
+7	11.6	47.2
"4	11.7	48.1
Φ	11.9	47.9
"4	11.8	48.0
+10	12.5	47.3
cb	11.8	48.0
W.	11.4	48.4

59.78

Sutherland.

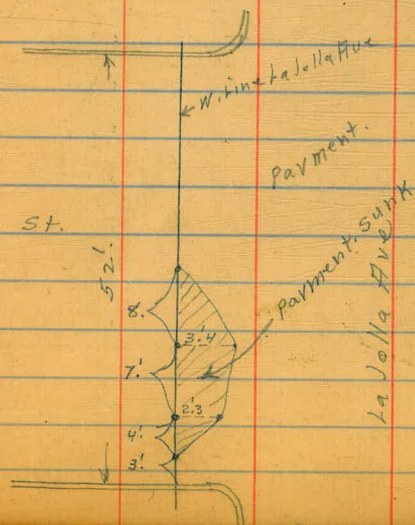
78

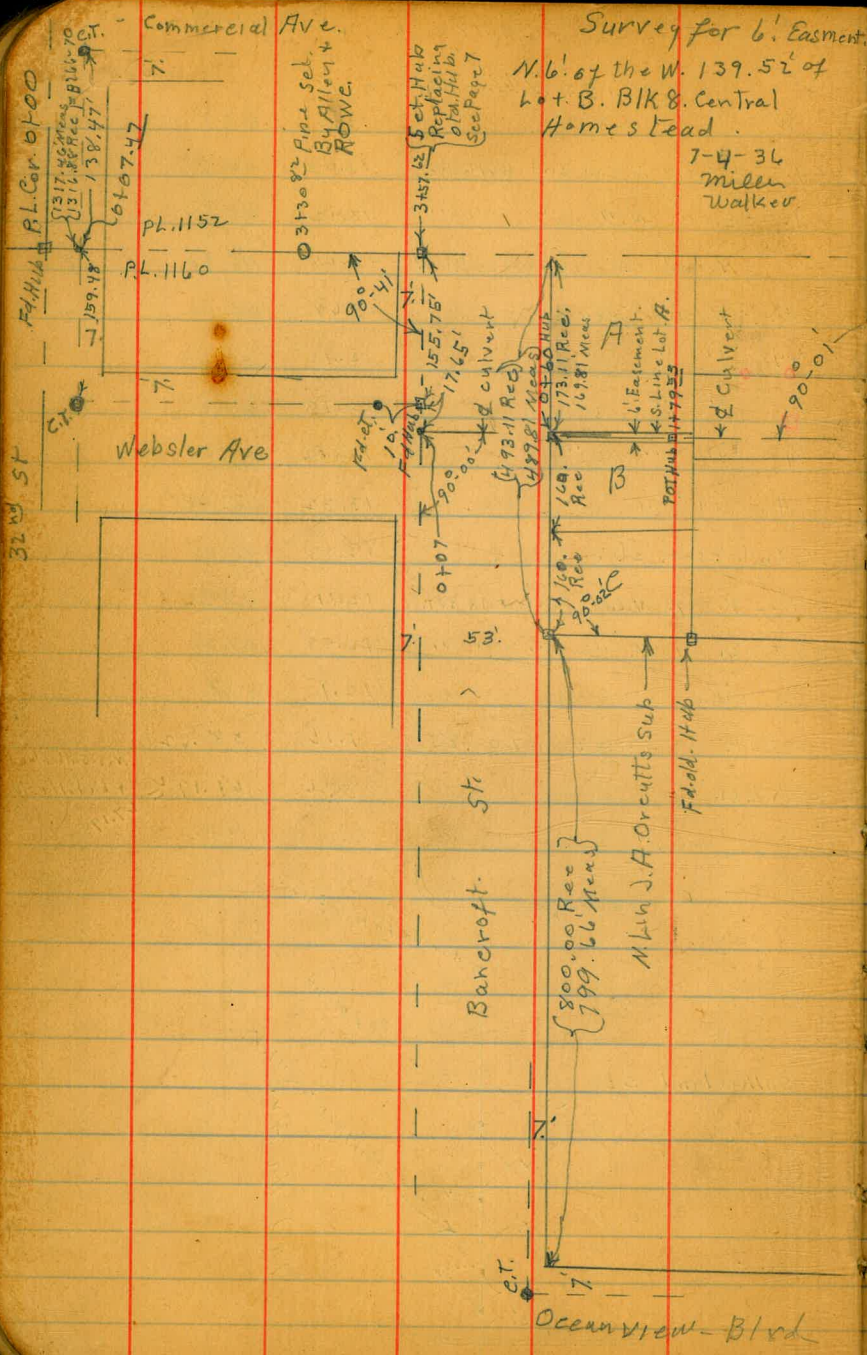
199'.S = N. line Moor e St.

W.	12.4	47.2
+4.5 = W. Edge N. End. cmt. Walk Ret.	13.03	46.75
+9.5 = E. " N. " " " "	13.12	46.66
+14 = N. end. cmt. cb + ground to N	13.28	46.50
gutter - N. end. pavmt.	13.68	46.10
"4 " " "	12.96	46.82
Φ " " "	12.70	47.08
"4 " " "	12.73	47.05
gutter " " "	13.32	46.46
N. End. cmt. cb.	13.73	47.05
+4.5 = W. edge N. end. cmt. Walk Ret.	12.71	47.07
+9.5 = E. " N. " " " "	12.58	47.20
E. Line	12.1	47.7
T. P.	12.23	70.85
chk B.M.	3.66	67.19

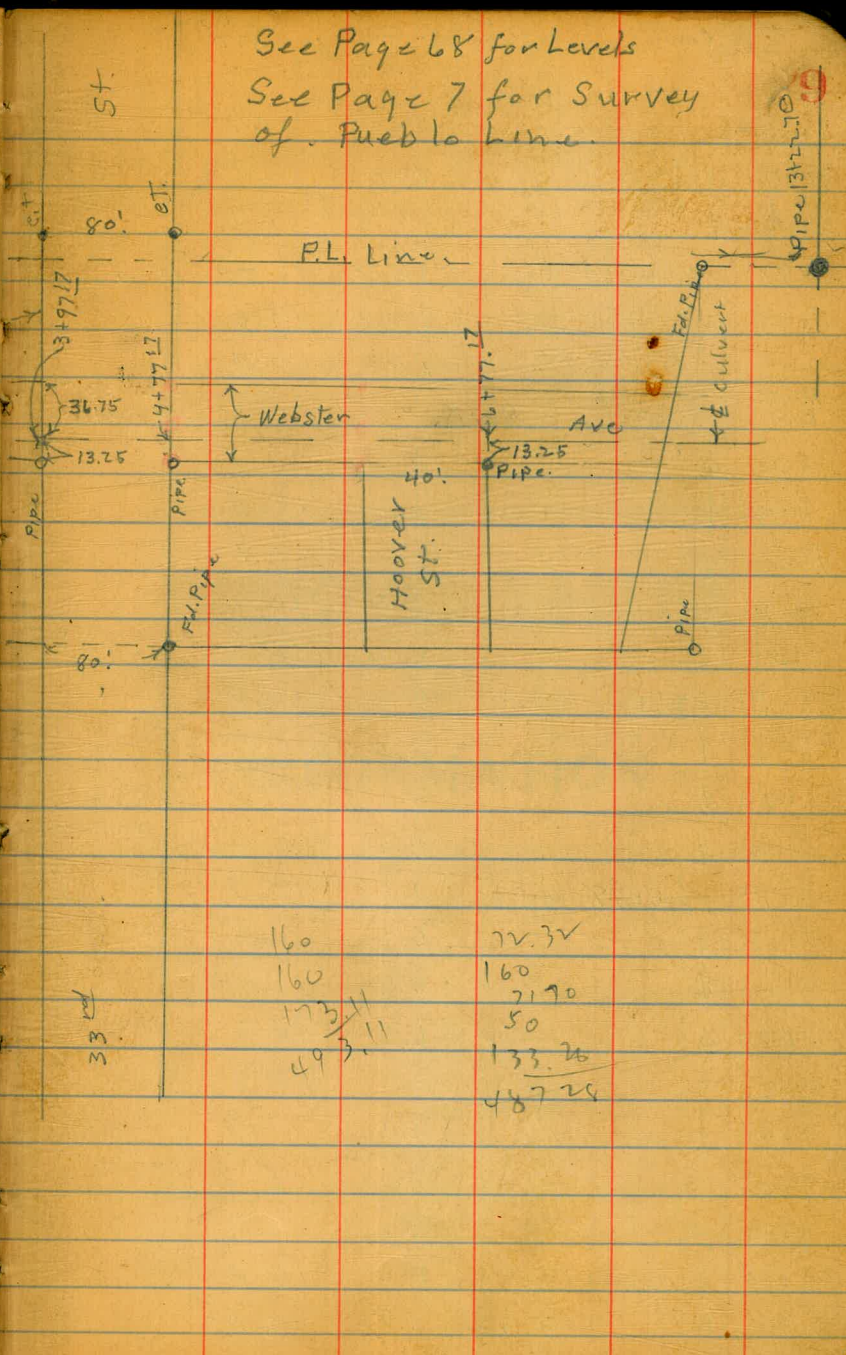
N.E. Sutherland  
& La Jolla Ave  
67.19

Sutherland St.





See Page 68 for Levels  
 See Page 7 for Survey of Pueblo Line.



160	22.32
160	160
173.11	2170
493.11	50
	133.26
	487.28

F.H.H. AL. Cor. 6100  
32nd St

		30.14		
2+80	¢		9.5	20.7
3+11	¢		11.3	18.9
3+20	¢		12.2	18.0
3+97	¢	= W. Line 33rd St.	12.73	17.43
				Hub
4+09	¢		12.1	18.1
4+17	¢		11.2	19.0
Top Hydt. Set. B.M.		1.22 2 2.82	8.54	21.60
				s.e. 33rd Webster
4+75	¢		3.8	19.0
+78	¢		5.3	17.5
5+00	¢		5.1	17.7
3' Rt. of 5+00 ditch			6.1	16.7
6+30	¢		6.2	16.6
2' Rt. of 6+30 ditch			7.0	15.8
6+40	¢		4.8	18.0
6+73	¢		5.1	17.7
6+78	¢		6.2	16.6
3' Rt. of 6+78 ditch			7.1	15.7
7+00	¢		6.7	16.1
8+00	¢		6.8	16.0
8+75	¢		6.6	16.2
8+80	¢		5.2	17.6
9+01	¢		5.1	17.7
9+05	¢		7.1	15.7
9+27	¢		9.1	13.7
9+30	¢	chollas Wash.	10.2	12.6
T.P.		6.73 27.63	1.92	20.90

27.63

T.P.	9.64	33.14	4.13	23.50
T.P. B.P.N. Rail of Bridge			3.54	29.60 = 34th + Imperial
B.M.	2.89	32.49		29.57 +
				29.60
B.M. Top Hydt. A.E. 33rd + Imp			3.64	28.85 = 28.85
T.P.	12.75	45.19	6.05	32.44
T.P.	12.97	57.93	0.23	44.96
T.P.	12.00	68.71	0.22	57.71
original B.M.			1.68	67.03

**IMPROVED TABLES AND INFORMATION**

To find Tangent and External for curve of any other degree, divide by degree of curve and add connection found in column of connections. Degree of curve with a given I may be found by dividing tangent (or external), opposite I by given tangent (or external). The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius.

Alley 197 U#

N Line Univ

	W	Q	E
		4.50	
+08.	507	276.01	
	269.44	486	4.30
Gutter	5.69	269.65	270.21
	268.82	5.21	4.42
		269.36	270.09

BM Echline Alley NL Univ

Top of Curb 2711  
240  
274.51

S.L Lincoln W

+6

	Q	E
	5.41	5.50
Gutter	286.23	286.20
		286.14

BM E Top of Curb SL Lincoln

+4.72

286.92  
4.72  
291.64

46-89 S.W. Nat 37

89  
63  
2.78  
7.78  
2.78  
110.80  
70  
57.78  
1.16  
56.62

65.90  
57.98  
7.12  
0.0428  
86 7.12  
6.88  
2.70  
1.72  
6.80

.0428  
1.4  
3312  
828  
1.1592

23

180

33.03

213.03

.14

197.03

599.5

6  
605.5  
125  
930

8.7  
6.5

777