1316
SEWER

DAVEY

LEVEL BOOK

No. 380F

1316

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.

Index
Hospital Sewer

Page
1-16

0+00 = MH #1

Profile 6" St Sewers MH#1 - MH#2

Bld. 5th Wash.				
See P. 587		289.89		284.02
TP	449	290.10	428	285.61
F.L. MH. 20.29 W of MH#1			10.21	279.89
opp. M.H.			6.14	283.96
0+00 = MH#1 ground			5.3	284.8
0+24' N S drive.			5.1	285.0
0+24' top cb.			4.91	285.19
0+24' pav. Omit.			5.41	284.69
0+37.9 = S Side Omit.			5.57	284.53
0+50			5.1	285.0
+94			5.3	284.8
1+09	Retaining Walls 1+31		5.0	285.1
1+19	1+19 6' Lin.		6.2	283.9
1+23	1.5 back of curb		9.5	280.6
1+25	Footing at curb		11.0	279.1
1+31	Elev. 5th Ave ground.		14.5	275.6
TP	0.15	277.31	12.94	277.16
1+39			6.5	270.81
1+42			10.3	267.0
1+48			12.9	264.4
TP	0.47	265.34	12.44	264.87
1+57			5.3	260.0
1+58			7.2	257.1
1+62			10.3	255.0
1+70			11.5	253.8
1+76			12.4	252.9
1+77			14.2	251.1

		265.34			0
PT	0.43	25332	12.45	252.89	1
1+82			3.4	249.9	
+87			6.3	247.0	
+91			7.1	246.2	
TP	0.06	240.43	12.95	240.37	
+95			6.9	233.5	
2+02			9.7	230.7	
+07			10.8	229.6	
+31			11.7	228.7	
+60			11.5	228.9	
+81.62 = MH#			11.4	229.0	2481.62
T.P.			11.34	229.09	
		MH#2 to MH#3 Sht pg2			
		0+00 = M.H.#2			
TP	2.76	231.85		229.10	
0+36			4.0	227.8	3+17.62
+52			3.4	228.4	3+33.62
+76			4.3	227.6	3+57.62
+85			7.1	224.8	3+66.62
1+00			8.6	223.2	3+81.62
TP	0.16	219.40	12.61	219.24	
1+31			11.8	207.6	4+12.62
+37			13.2	206.2	4+18.62
1+61			14.6	204.8	4+42.62
TP	0.16	206.95	12.61	206.79	
		Platted			

20695

1+97			1.3	2056	4+78 62								
2+06			6.0	201.0	4+87 62								
2+31			8.3	1986	5+12 62								
2+38			9.5	1974	5+19 62								
2+68			11.6	1954	5+49 62								
2+69			10.7	1962	+50 62								
2+88			11.8	1952	+69 62								
2+95			13.3	1938	+76 62								
T.O	204	19647	1252	19443									
3+1450	=MH 3		661	18986	5+96 12								
	MH. 3-MH. 4		0+00 = MH 3										
0+17			50	1915	6+13 12								
+25			4.8	1917	6+21 12								
+45			6.0	1905	6+41 12								
+55			7.4	1891	6+51 12								
+65			8.7	1878	6+61 12								
+80			10.6	1859	6+76 12								
+95			13.5	1830	6+91 12								
1+06			13.8	1827	7+02 12								
1+89			10.9	1856	7+05 12								
1+21 25	0.08		9.8.8	18659	7+17 37								
	=MH 4 18667												

0+00 = MH. 4

MH #4 to MH #5

18667

0+10						1.8	1849	7+27 37					
+17						3.6	183.1	7+34 37					
+20						5.8	180.9	7+37 37					
+23						6.2	180.5	7+40 37					
+48						7.3	179.4	7+65 37					
+61						5.8	180.9	7+78 37					
+70						5.5	181.2	7+87 37					
+91						6.2	180.5	8+08 37					
+95						6.8	179.9	8+12 37					
1+00						6.9	1798	8+17 37					
1+10						8.6	178.1	8+27 37					
1+25						9.9	1768	8+42 37					
+50						12.5	1742	8+67 37					
TD	093	17574				11.86	17481						
1+77						3.2	172.5	8+94 37					
1+95						5.5	170.2	9+12 37					
2+25						6.5	169.2	9+42 37					
2+60						8.2	1675	9+77 37					
2+87						9.7	166.0	10+04 37					
3+00						9.9	165.8	10+17 37					
3+15						10.7	165.0	10+32 37					
3+20						10.4	1653	1037 37					
3+35						11.3	1644	10+52 37					
3+38	Platted.					12.4	163.3	10+55 37					

	MH 4 &	MH 5			
		17574			
3+47			140	161.7	10+64.37
TP	874	17263	1185	16389	
3+54.40	=MH 5		1205	16058	10+71.77
TP	1216	18433	046	17217	
TP	1149	19529	053	18388	
TP	1302	20779	052	19477	
TP	1249	22011	017	20762	
TP	1289	23255	045	21966	
TP	1279	24480	054	23201	
TP	1223	25693	010	24470	
TP	1269	26868	094	25599	
TP	1294	28151	011	26857	
T.P.	1030	29021	160	27991	
B.M. Beginning			621	28400	

	MH 17 &	MH 16	Sec P &			(3) Bm 5 to Wall
B.M.	263	28665		28402		
TP	0.74	28508	231	28434		
0+00 =	MH 17		32	281.9	1+82.5	
0+27.7	E line 6th St		31	2820	2+10.20	
+59			28	282.3	2+41.50	
1+00			28	282.3	2+82.5	
1+11			35	281 6	2+93.5	
+14			44	280.7	2+98.5	
+20			53	279. 8	3+02.5	
+23			76	277 5	3+05.5	
+26			88	276 3	3+08.5	
+31			113	273.8	3+13.5	
+41			135	271.6	3+23.5	
1+52			189	266 2	3+34.5	
TP	055	27255	1305	27203		
TP	050	26057	1249	26009		
TP	054	24973	1248	24819		
H54			17	2475	3+31.5	
+57			20	2467	3+39.5	
+78			24	2463	3+60.5	
2+03			25	2459	3+85.5	
2+10.3			10	2477	3+92.5	
2+18			28	2459	4+00.5	
TP	247	23845	1275	23598		
TP	087	22705	1227	22618		
		Platted				

MH 17 to MH 16

		22705			
2+48			20	225.0	4+27.5
+47			4.7	222.3	4+29.5
+54			6.7	220.3	4+36.5
+57			9.2	217.8	4+39.5
+62			9.7	217.3	4+44.5
+85			13.0	214.0	4+67.5
TP	180	21611	12.74	214.31	
2+94			2.6	213.4	4+76.5
2+99 = MH16			3.65	212.46	4+81.5

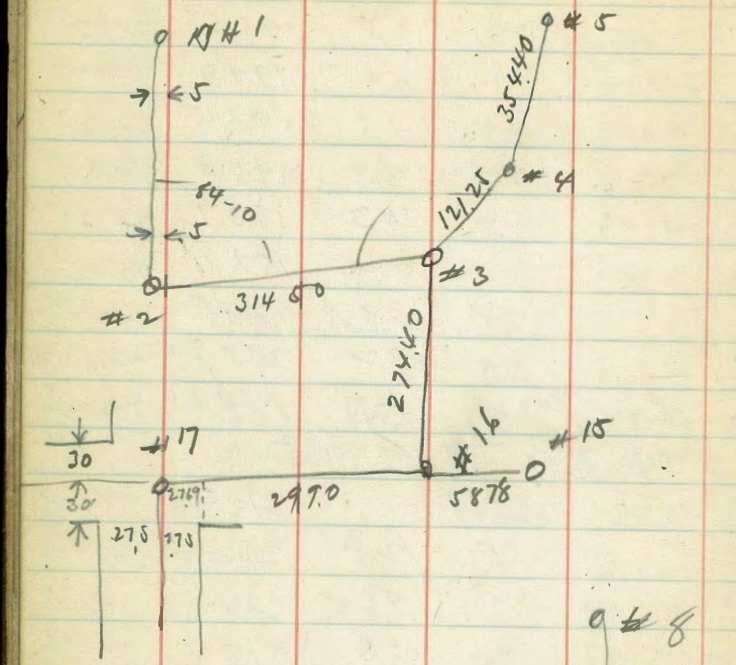
MH 16 to MH 3 0+00 = MH16

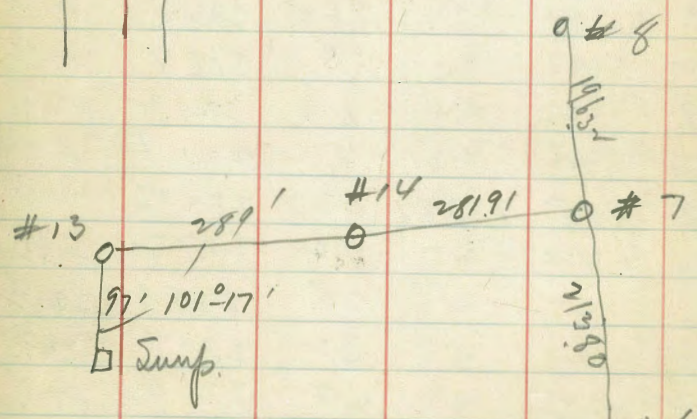
0+48			6.7	209.4	5+29.5
+74			9.5	206.6	5+55.5
T.P.	121	20773	9.59	206.52	
0+84			2.8	204.9	5+65.5
1+05			4.2	203.5	5+86.5
1+21			5.4	202.3	6+02.5
+36			6.6	201.1	6+17.5
+51			7.4	200.3	6+32.5
+60			6.4	201.3	6+41.5
+68			7.2	200.5	6+49.5
1+85			9.2	198.5	6+66.5
1+87			10.5	197.2	6+68.5
2+08			11.7	196.0	6+81.5
2+08			12.5	195.2	6+89.5
2+18			12.9	194.8	6-99.5

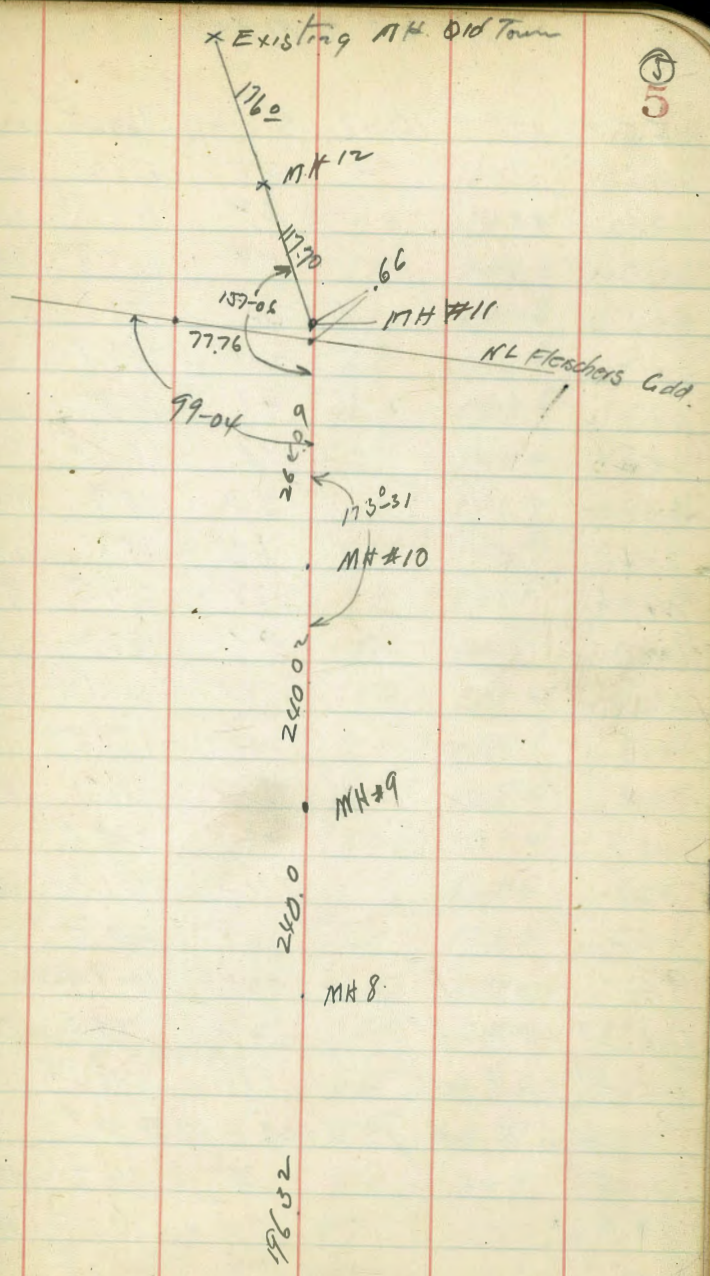
MH 16 & MH 3

		20773			
TP	265	19805	1233	1954	
2+22			2.5	195.5	7+03.5
2+26			0.6	197.4	7+07.5
2+31			1.1	196.9	7+12.5
2+40			2.4	195.6	7+21.5
2+50			4.3	193.7	7+31.5
2+61			5.2	189.8	7+42.5
2+66			5.9	189.1	7+47.5
2+70			5.2	189.8	7+51.5
2+74.4	MH#3		8.20	189.85	7+55.9
=0+58.28	MH 16 to		MH 15		
MH16	1273	22519		21246	0+00
0+57			2.8	212.4	+01.28
0+50			8.6	216.6	+08.28
0+42			6.5	218.7	+16.28
0+37			4.0	221.2	+21.28
0+33			4.1	221.1	+25.28
TP	1205	23691	033	22486	
0+23			9.2	2277	+35.28
0+11			7.9	229.0	+47.28
0+06			3.2	233.7	+52.28
0+02			2.0	234.9	+56.28
0+00 = MH 15			3.20	233.71	+58.28

Platted


MH #1
#5
#4
#3
#2
#17
#16
#15
354.40
124.25
314.90
274.40
30
279.1
297.0
587.8
27.5
27.5


#8
#7
#6
#13
#14
289'
281.91
97'
101°-17'
Sump
196.32
213.90


Existing MH #10 Town
176.0±
MH #12
117.70
157-05
.66
MH #11
77.76
N.L. Fleschers Cdd.
99-04
26.9
173°-31
MH #10
240.02
MH #9
240.0
MH 8
196.32

MH #5 & MH #6

MH #5	171	1629		1605.8	10+71.77
0+06			2.1	160.2	10+77.77
0+11			3.2	159.1	10+82.77
0+13			5.4	156.9	10+84.77
0+14			3.5	158.8	10+85.77
0+16			3.4	158.9	10+87.77
0+20			4.1	158.2	10+91.77
0+34			4.8	157.5	11+05.77
0+46			5.3	157	11+17.77
0+54			6.3	156	11+25.77
0+76			7.8	154.5	11+47.77
1+00			9.1	153.2	11+71.77
1+12			10.1	152.2	11+83.77
1+18			10.8	151.5	11+89.77
1+19			12.2	150.1	11+90.77
1+27			13.2	149.1	11+98.77
1+28			11.3	151.0	11+99.77
1+32			11.1	151.2	12+03.77
TP.	090	1507.3	12.6	149.83	
1+62.40	=MH. 6		2.2	148.5	12+34.17
1+62.40	Hub for B2m.		1.88	148.85	
MH. 6 & MH. 7 - 0+00 = MH #6					
0+25			3.5	147.2	12+59.17
0+26			4.8	145.9	12+60.17
0+30			4.9	145.8	12+64.17
0+31			4.1	146.6	12+65.17

MH #6 & #7

		1507.3			
0+50			5.6	145.4	12+84.17
+52			7.3	143.4	12+86.17
+55			6.1	144.6	12+89.17
+68			6.1	144.6	13+02.17
+81			6.8	143.9	13+15.17
+83			10.1	140.6	13+17.17
+95			10.1	140.6	13+29.17
+96			7.5	143.2	13+30.17
1+00			7.0	143.7	13+34.17
+15			7.9	142.8	13+49.17
+34			8.9	141.8	13+68.17
+65			10.3	140.4	13+99.17
+68			10.6	140.1	14+02.17
+72			12.3	138.4	14+06.17
+80			13.3	137.4	14+14.17
+82			11.1	139.6	14+16.17
2+00			12.2	138.5	14+34.17
TP.	255	1406.5	12.63	138.10	
2+13.80 = MH #7			3.52	137.15	14+47.77
#7 & #8					
0+05			4.5	136.1	14+52.97
+17			5.0	135.6	14+64.97
+40			5.7	134.9	14+87.97
+41			4.9	135.7	14+88.97
+47	Platted		4.9	135.7	14+94.97
+60			4.2	136.4	15+07.97

14065

0+76		15+23 97		47	135.9
1+00		15+47 97		59	134.7
+28		15+75 97		7.3	133.3
+50		15+97 97		7.7	132.9
+65		16+12 97		8.3	132.3
1+96 32	=MH#8	16+44 29		9.2	131.53
	MH#8 to #9 00 = MH#8				
0+25		16+69 29		9.8	130.8
+42		16+86 29		9.8	130.8
+55		16+99 29		10.5	130.1
+70		17+14 29		11.5	129.1
+72		17+16 29		11.9	128.7
+74		17+18 29		13.8	126.8
+79		17+23 29		11.7	128.9
+85		17+29 29		12.1	127.5
+90		17+34 29		14.8	125.8
+92		17+36 29		12.1	128.5
TP	104	129.66	1203	1286 2	
+95		17+39 29		1.4	128.3
1+00		17+44 29		3.8	125.9
+03		17+47 29		4.5	125.2
1+30		17+74 29		5.3	124.4
+45		17+89 29		5.9	123.8
+52		17+96 29		4.8	124.9
1+60		18+04 29		4.0	125.7

12966

7

1+70			5.0	124.7	18+14 29
2+00			4.3	125.4	18+44 29
+27			6.4	123.3	18+71 29
2+46 = MH#9			7.5	122.2	18+84 29
#9 to #10 00 = #9					
0+02			8.7	121.0	18+86 29
+05			9.3	120.4	18+89 29
+25			9.9	119.8	19+09 29
+30			9.6	120.1	19+14 29
+45			9.6	120.1	19+29 29
+47			11.8	117.9	19+31 29
+55			13.3	116.4	19+39 29
+60			12.8	116.9	19+44 29
+61			10.5	119.2	19+45 29
+70			10.9	118.8	19+54 29
+80			10.5	119.6	19+64 29
1+20			11.5	118.2	20+04 29
1+35			11.6	118.1	20+19 29
1+65			12.8	116.9	20+49 29
TP	230	119.25	12.71	116.95	
1+90			3.3	115.9	20+74 29
2+05			4.6	114.6	20+89 29
2+40 02	MH#10		6.0	113.2	21+24 31

Platted

#10 & #11 00 = #10

11925

0+10			67	11.25	21+34.31
+11			81	111.1	21+35.31
+15			90	110.2	21+39.31
+16			99	109.3	21+40.31
+20			100	109.2	21+44.31
+21			7.7	111.5	21+45.31
+23			7.6	111.6	21+47.31
+33			8.1	111.1	21+57.31
+40			9.5	109.7	21+68.31
+50			10.9	108.3	21+74.31
+51			12.6	106.6	21+75.31
+58			12.8	106.4	21+82.31
+60			10.8	108.4	21+84.31
+70			10.4	108.8	21+94.31
+90			11.3	107.9	22+14.31
1+05			12.3	106.9	22+29.31
+10			14.4	104.8	22+34.31
+12			14.6	104.6	22+36.31
+20			12.6	106.6	22+44.31
TP	249	10940	12.34	106.91	2
1+55			4.7	104.7	22+79.31
1+70			6.1	103.3	22+94.31
1+82			5.1	104.3	23+06.31
2+00			4.5	104.9	23+24.31
2+32			5.5	103.9	23+56.31
				103.9	

#10 & #11

10940

2+64.04 = #11			713	18227	23+88.35
TP	1291	11952	249	106.91	
TP	1227	13179	030	11952	
TP	1233	14297	115	13064	
TP	1183	15304	096	14201	
TP	1132	16232	204	15100	
MH #5			176	16056	16058
	# 11 & # 12		00 = #11		
#11	165	10393		18228	23+88.35
0+24			32	100.7	24+12.35
+31			27	101.2	24+19.35
+48			27	101.2	24+36.35
+58			30	100.9	24+46.35
+71			39	100.0	24+59.35
+77			36	100.3	24+65.35
1+00			47	99.2	24+88.35
1+17.20 = #12			532	9861	25+06.05
	#12 & #90 Old Town Sewer				
0+28			61	97.8	25+34.05
+29			75	96.4	25+35.05
+31			76	96.3	25+37.05
+32			63	976	25+38.05
+40			57	98.2	25+46.05
+57			64	975	25+63.05
+87	Platted		74	96.5	25+93.05

		1039.3			
1+00			77	96.2	2640205
1+27			9.0	94.9	26+33.05
1+56			9.8	94.1	26+62.05
1+76 = MH #90			10.61	93.32	26+82.05
	Sump	& #13	Sec	Pg. 5	St. Wash
BM	3.03	287.05		284.02	
T.P.	4.90	290.09	1.86	285.19	
T.P.	0.11	277.44	12.76	277.33	
T.P.	0.11	264.79	12.76	264.68	
BM = N Side Sump			2.02	257.77	
T.P.	0.21	252.54	12.46	252.33	
0+00 = N Side of	Sump.		5.2	247.8	
0+03			5.5	247.5	
0+03.5			7.0	245.5	
+08			7.8	244.7	
+09			9.1	243.4	
+13			9.3	243.2	
+14			11.1	241.4	
+16			11.2	241.3	
+17			12.5	240.0	
+20			13.0	239.5	
T.P.	1.11	241.28	12.37	240.17	
0+22	1.11	241.28	5.01	236.3	
0+30			4.7	236.6	

		241.28			9
0+31			6.6	234.7	
0+31			6.6	234.7	
0+34			8.6	232.7	
0+42			9.2	232.1	
0+47			13.8	227.5	
TP	0.54	229.74	12.08	229.20	
0+49			30	226.7	
+55			87	221.0	
+56			99	219.8	
+58			134	216.3	
TP	0.78	218.73	11.79	217.95	
0+69			44	214.3	
+72			65	212.2	
+79			89	209.8	
+81			110	207.7	
TP	0.09	206.01	12.81	205.92	
0+97 = MH #13			60	200.0	0+97
	#13 to #14		0+00 = #13		
0+08			8.0	198.8	1+05
+13			11.9	194.1	1+10
TP	0.42	193.94	12.49	193.52	
0+19			3.9	190.0	1+16
+23			4.8	189.1	1+20
+25			7.6	186.3	1+22
+30			7.4	186.5	1+27
+31			6.2	187.7	1+28

Plotted

1939

0+50			58	188.1	1+47
+55			75	188.4	1+52
0+71			9.4	184.5	1+68
0+76			10.3	183.6	1+73
0+94			10.7	183.2	1+91
1+00			10.0	183.9	1+97
+08			8.9	185.0	2+05
1+16			9.3	184.6	2+13
1+24			11.0	182.9	2+21
1+30			13.5	180.4	2+27
TP	217	18450	11.61	182.33	
1+36			4.7	179.8	2+33
1+50			5.1	179.4	2+47
+54			6.5	178.0	2+51
+59			6.4	178.1	2+56
+70			7.6	176.9	2+67
+77			7.3	177.2	2+74
+98			8.2	176.3	2+87
2+06			9.0	175.5	3+03
2+07			7.9	176.6	3+04
+14			8.3	176.2	3+11
+15			9.2	175.3	3+12
+25			9.3	175.2	3+22
+62			10.1	174.4	3+59
+77			10.2	174.3	3+74
+89 = #14			10.1	174.4	3+86

NH#148 NH#7
0+00 = NH#14
18450

0+21			10.3	174.2	4+07
+24			9.4	175.1	4+10
+30			8.7	175.8	4+16
+33			9.8	174.7	4+19
T.P.	467	17690	12.27	172.23	
0+64			17.0	167.9	4+50
+75			18.0	158.9	4+61
TP	135	16518	13.07	163.83	
0+97			8.5	158.7	4+83
1+06			9.4	155.8	4+92
1+23			10.6	154.6	5+09
1+28			11.6	153.6	5+14
1+29			13.7	151.5	5+15
TP	0.72	15336	12.54	152.64	
1+35			3.2	150.2	5+21
+39			1.8	151.6	5+25
+41			1.3	152.1	5+27
+43			3.6	149.8	5+29
+57			3.9	149.5	5+43
+61			4.6	148.8	5+47
+67			4.9	148.5	5+53
+90			5.3	147.9	5+76
2+00			6.5	146.9	5+86
2+04			7.6	145.8	5+90
2+23			9.3	144.1	6+09

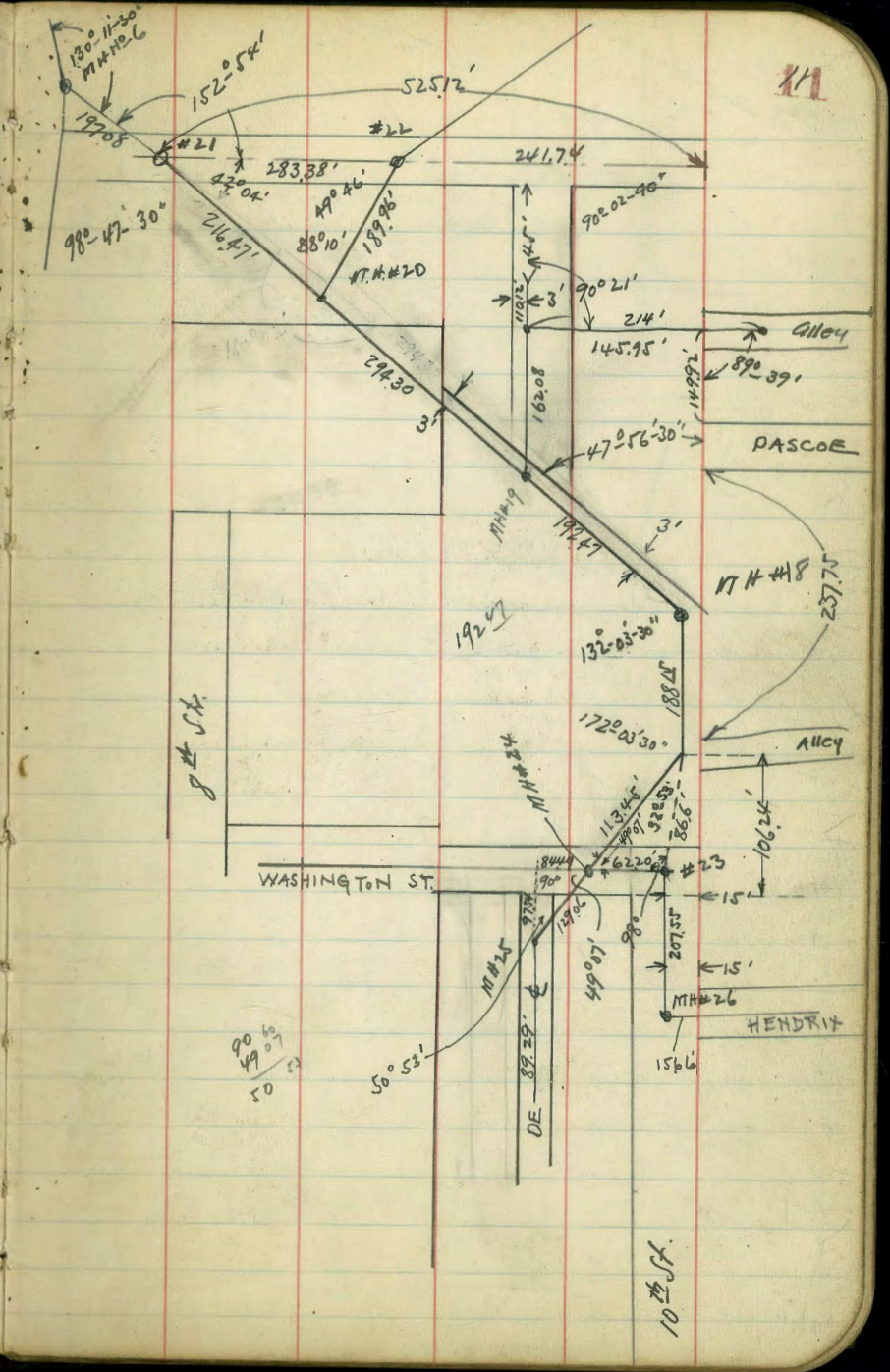
Plotted

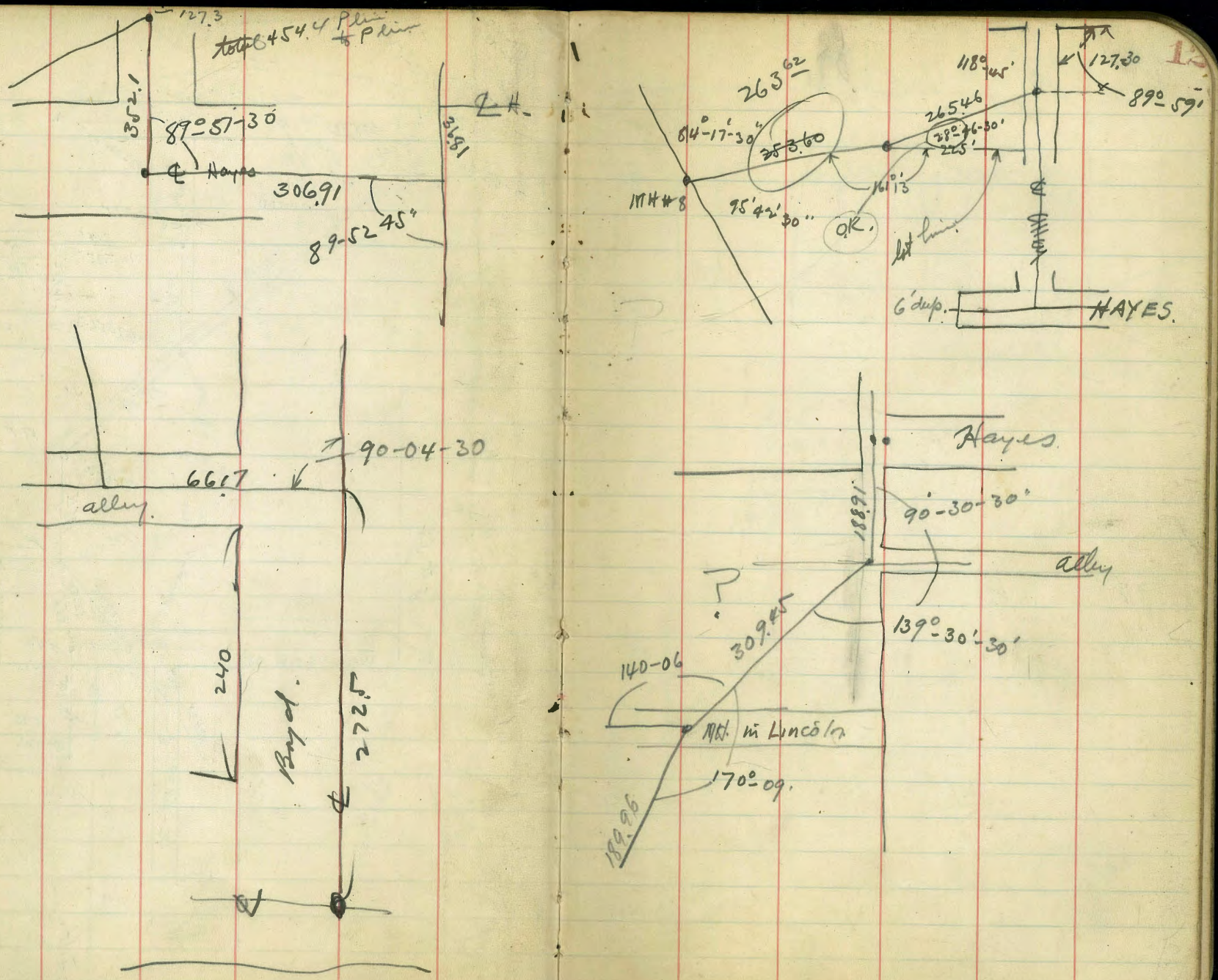
#14 & #7

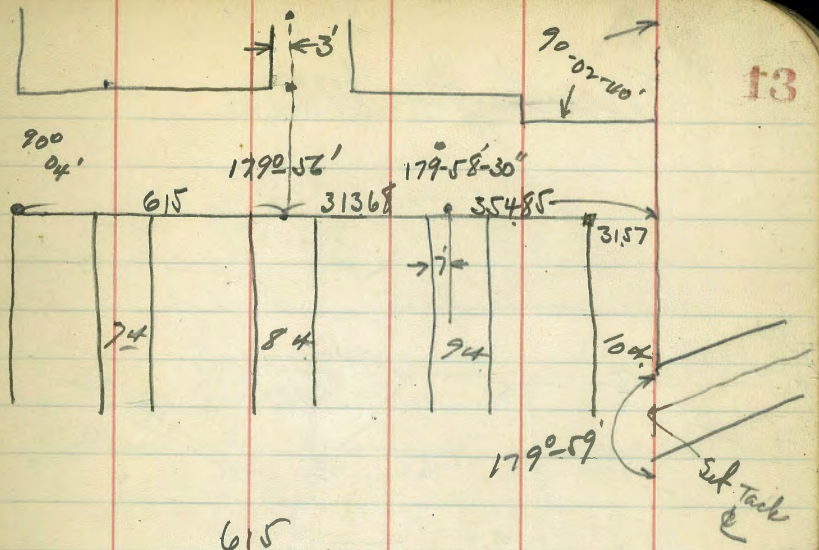
15336

2+50			124	141.0	6+36
2+57			144	139.0	6+43
TP.	1.38	14243	1231	1405	
2+69			39	138.5	6+55
2+72			49	137.5	6+58
2+78			38	1386	6+67
2+81 91	= MH #7		5 26	13717	6+67 41 (13713)

Plotted.

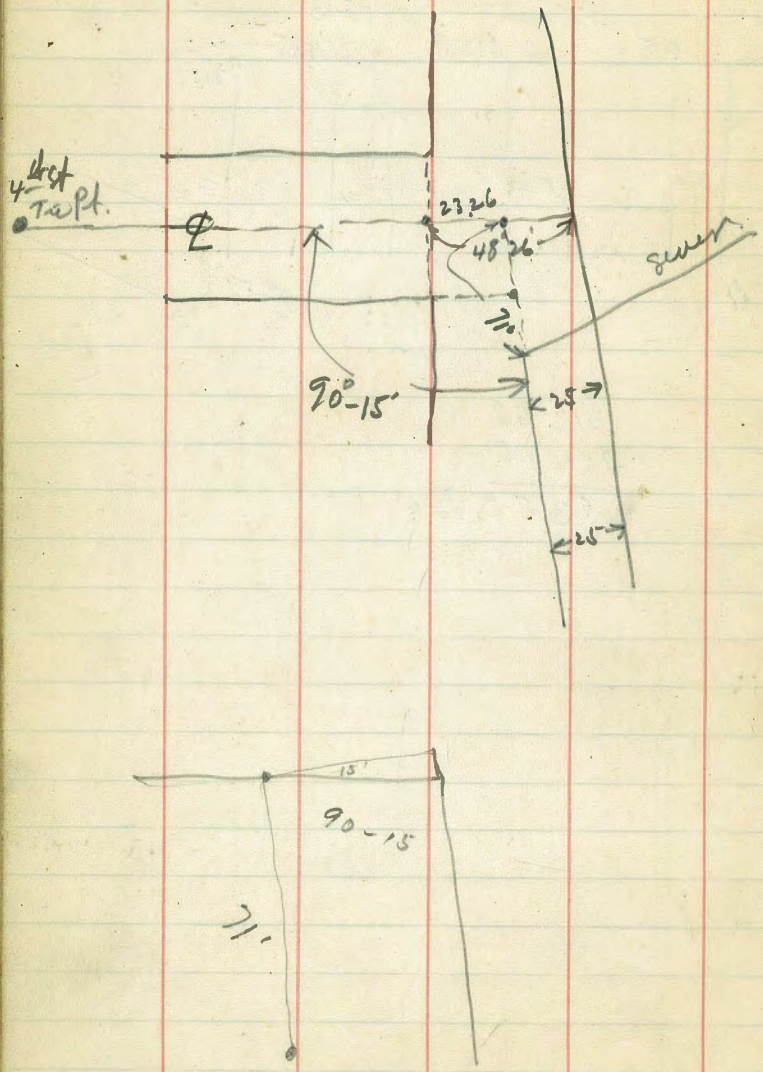



127.3
total 454.4 Plus
352.1
89°-57-30
℄ Hayes
306.91
89-52-45"
℄ H.
348.1
90-04-30
66.17
alley
240
Bryd.
272.5
℄
263.62
64°-17-30"
35-3.60
MH #8
75'42'30"
O.K.
16°13'
118°-45'
127.30
89°-59'
26546
28°-46-30"
275'
list line
6' dup.
HAYES.
Hayes
188.91
90-30-30"
alley
P
309.45
139°-30'-30"
140-06
MH. in Lincoln
170°-09'
189.96

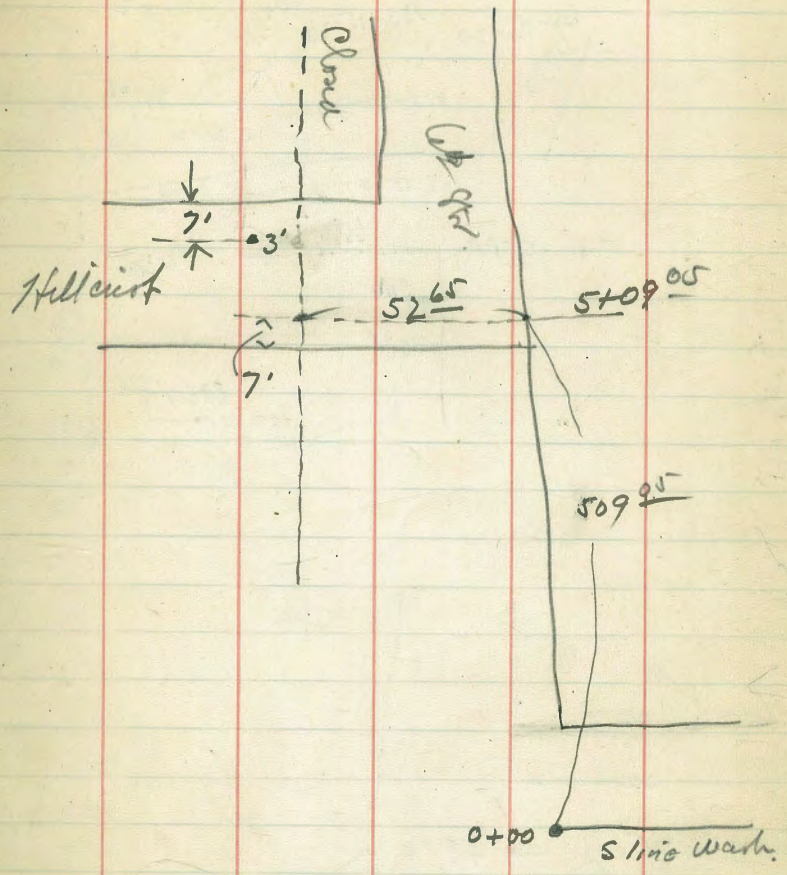


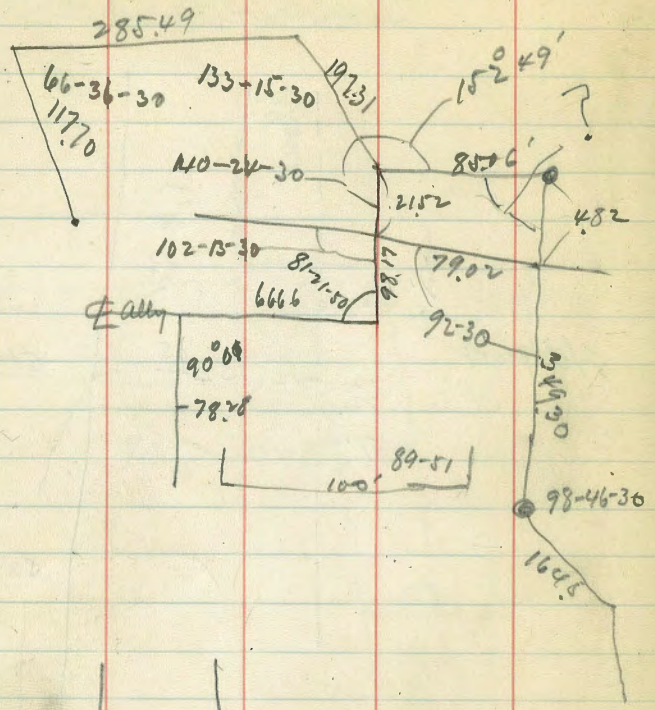
615
3136.8
3548.5
7883.3 total dist

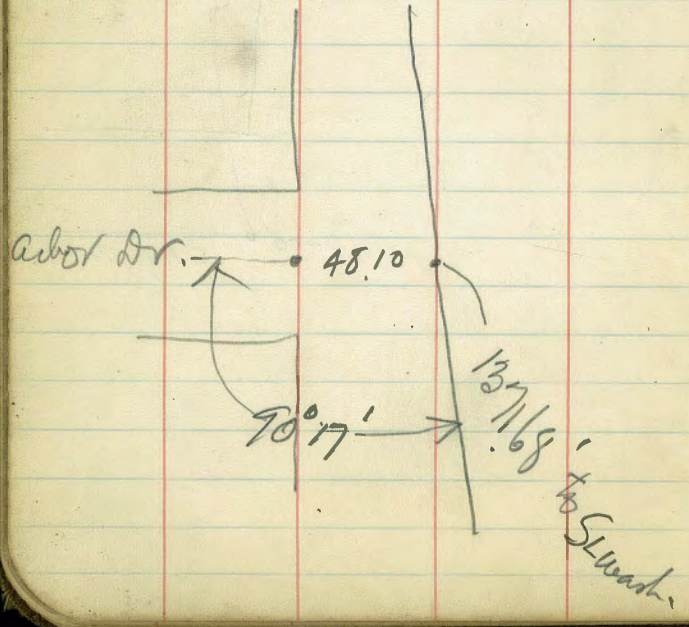
Monticito Wall



Hillcrest

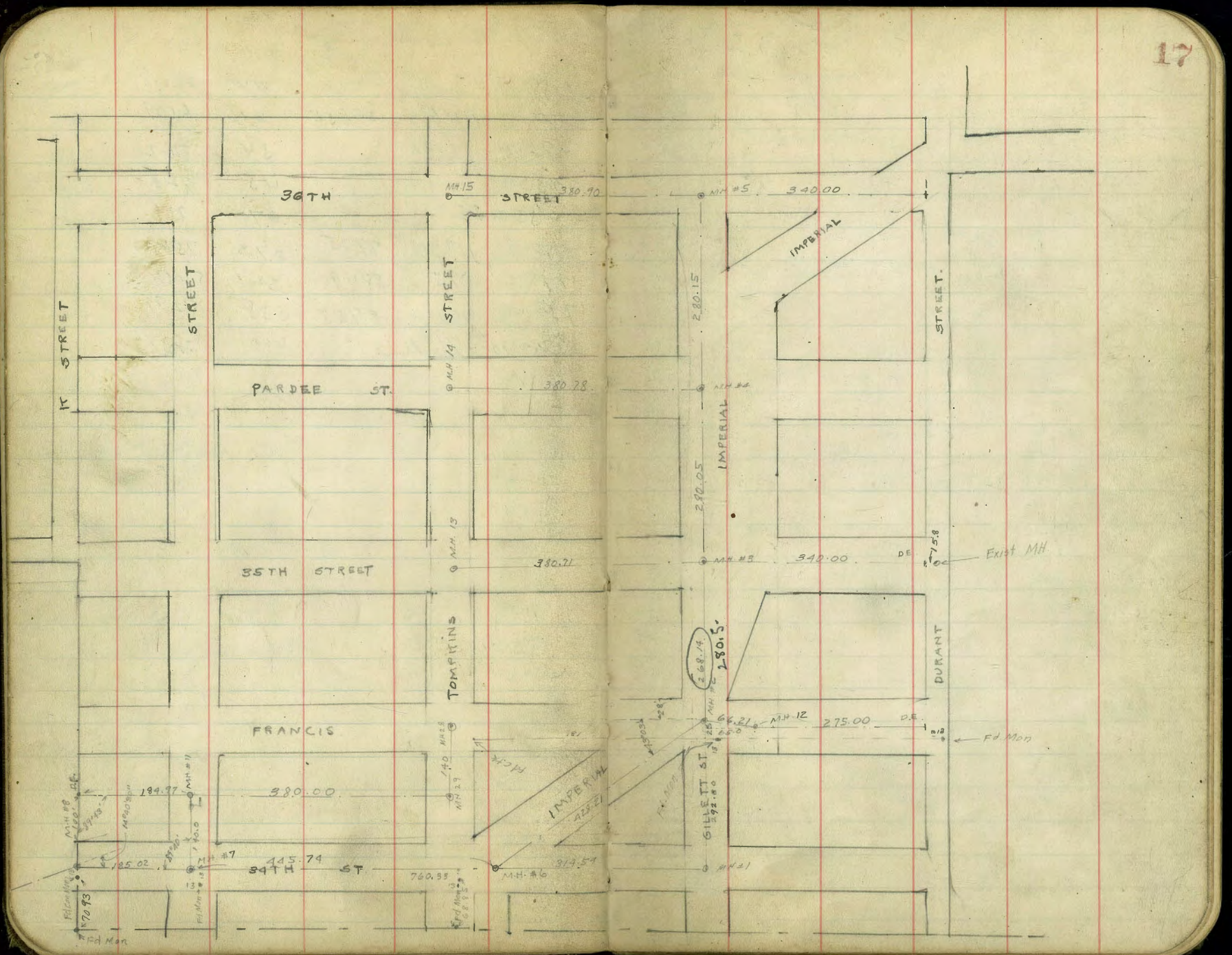



285.49
66-36-30
133-15-30
197.31
117.70
15° 49'
140-24-30
85.0'
21.52
48.2
102-15-30
81-21-50
17.86
79.02
66.66
℄ alley
92-30
90° 08'
78.28
346.30
89-51
100'
98-46-30
164.8

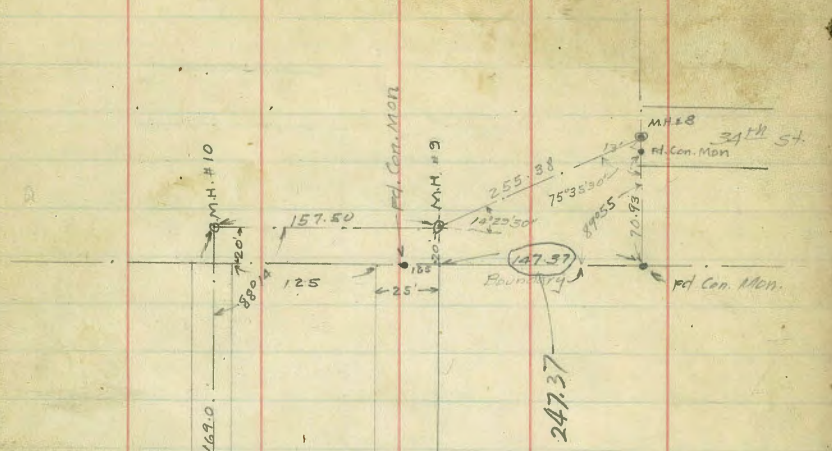

Arbor Dr.
48.10
90° 17'
137.68'
to SL wash

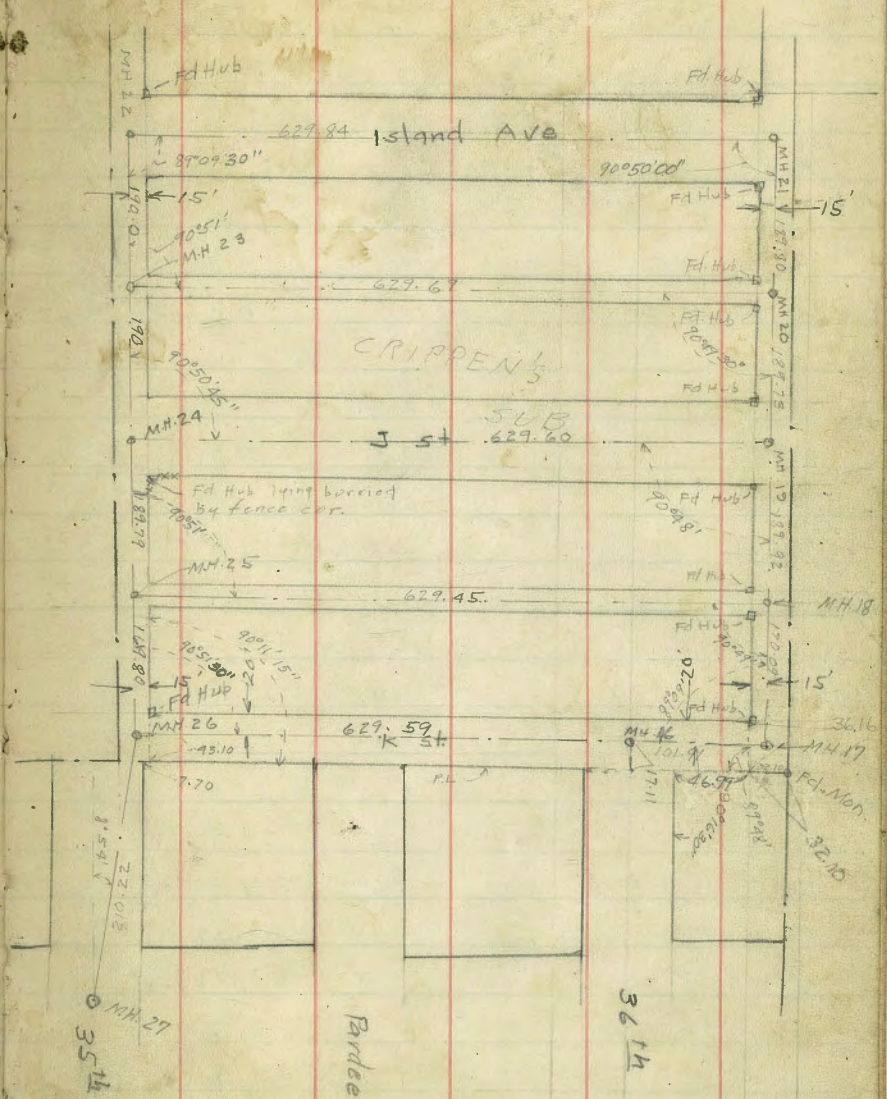
Line up 7th from Washington

00 = M415	0+58.78	1279	246.50		233.71	1+88			44	2628	2+46.75
0+08	+66.75			74	39.71	TP	1146	276.55	216	6509	
+13	+71.75			62	40.3	+96			54	612	2+54.75
+23	+81.75			42	42.3	2+03			45	621	2+61.75
+24	+82.75			57	40.8	+55 = DE			07	258	3+13.75
+27	+85.75			82	38.3	TP	1193	8775	073	7582	
8' W of 0+27 Bot. Bank		+85.75		134	33.1	TP	995	8849	321	8454	
+32	+90.75			47	40.8	TP	464	8755	558	8291	
+42	1+00.75			20	44.5	B.M. - 10" Hackberry			440	25315	
+46	1+04.75			24	44.1						
+62	1+20.75			18	44.7						
12' W of 0+62 B.B.		1+20.75		13.5	33.0						
+76	1+34.75			1.9	44.6						
+86	1+44.75			2.0	44.5						
TP.		1051	255.68	13.3	24517						
1+00	1+58.78			11.9	243.8						
13' W of 1+00 B.B.		1+58.78		21.7	34.0						
1+32	Bankcurve out.	1+90.78		15.4	40.3						
1+42	2+00.78			14.8	40.9						
+52	2+10.78			11.5	44.2						
+62	2+20.78			6.9	48.8						
+72	2+30.78			2.4	53.3						
TP		1172	26725	0.15	55.53						
1+76	2+34.75			10.0	57.3						
1+81	2+39.75			8.5	58.7						


36TH STREET
MH 15
380.90
MH #5
340.00
K STREET
STREET
STREET
IMPERIAL
STREET
280.15
MH 14
380.28
PARDEE ST.
MH #4
280.05
IMPERIAL
MH 13
380.21
MH #3
340.00
D.E.
Exist MH
35TH STREET
TOMPKINS
268.14
280.5'
DURANT
FRANCIS
MH 28
MH 27
MH 12
275.00
D.E.
Fd Mon
IMPERIAL
GILLETT ST.
292.80
MH #1
MH #8
D.E.
194.97
380.00
MH #11
MH #7
445.74
34TH ST
760.33
M.H. #6
314.54
Fd Mon

See Also Later Survey
This Portion in FB 1691-17





BP N rail Bridge Imp. & 34th

BM	1.73	31.30		29.57
	N.H.1 to MH.6 to MH.7 on & 34th			
0+00 = MH1			13.8	17.5
0+05			14.7	16.6
0+50			14.0	17.3
1+00			12.8	18.5
1+35			12.7	18.6
1+65			6.7	24.6
2+00			6.5	24.8
2+85			7.1	24.2
3+00			6.0	25.3
3+02½	S imp. Paw		5.01	26.29
3+14½	= N.H.6 on Paw		4.36	26.94
3+23½	N imp. Paw.		4.16	27.14
3+60			4.4	26.9
3+75			2.0	29.3
T.P.	11.96	41.90	1.36	29.94
4+17			7.6	34.3
4+41			5.8	36.1
4+51	top S rail S.D&A		4.68	37.22
4+61½	✓ N rail ✓		5.19	36.71
4+73			6.4	35.5
+95			4.0	37.9
T.P.	12.59	53.74	0.75	41.15

53.74

5+08			7.9	45.6
+50			3.2	50.5
+75			3.8	49.9
6+00			5.8	47.9
+36			10.8	42.9
+68			6.3	47.4
+90			0.6	53.1
T.P.	4.55	57.80	0.49	53.25
7+00			4.0	53.8
7+60.35 = MH7			2.0	55.8
BM				
BM 13' Non 34th & L			2.83	54.97
MH7 to MH8				
0+00 = MH7				
+10			2.8	55.0
+25			8.2	49.6
+44			11.9	45.9
+56			16.1	41.7
+86			8.8	49.0
1+00			8.0	49.8
+35			8.8	49.0
1+85.02 = MH8			3.83	53.77

		57.80		
M.H.8	to M.H.9			
0+00	= M.H.8			
+20			2.6	55.2
+36			6.7	51.1
+45			9.9	47.9
+80			11.4	46.4
T.P.	0.48	45.46	12.82	44.98
1+00			3.3	42.2
+26			1.8	43.7
+55			2.4	43.1
+70			6.5	39.0
+90			12.5	33.0
T.P.	4.59	37.26	12.79	32.67
2+30			7.6	29.7
2+55[39]	M.H.#9		6.99	30.27
	M.H.9	to M.H.10		
0+00	= M.H.9			
+25			6.5	30.6
+60			6.5	30.8
1+00			6.0	31.3
1+57[50]	= M.H.10		5.2	32.1

		37.26		
	M.H.10	to Exist MH w/in Alley		
0+00	= M.H.10			32.1
+50			5.8	31.5
1+00			7.5	29.8
+30			11.0	26.3
+50			9.8	27.5
1+69	= Exist M.H (grd)		9.3	28.0
top			6.22	31.04
F.L.			14.06	23.20
T.P.	8.45	40.29	5.42	31.84
B.M. Beginning			10.70	29.59 (29.57)
	M.H.7	to M.H.11 (℄ of L.S.)		
=0+00 M.H.7	7.62	63.4		55.8
+19			6.8	56.6
+55			7.8	55.6
1+40	= M.H.11		7.3	56.1
	M.H.11	to D.E. North		
0+00	= M.H.11			
+30			5.3	58.1
+55			4.8	58.6
+85			7.6	55.8
1+30			5.3	58.1
1+84[92]	D.E.		+1.1	64.5

M.H. 6 to M.H. 2 (on imperial)

B.M.	3.26	32.83		29.57
0+00 = M.H. 6				
+30	S Pav imp.		6.40	26.43
1+00			5.9	26.9
+50			5.6	27.2
2+00			5.2	27.6
+50			4.9	27.9
3+00			4.3	28.5
+50			3.8	28.0
+85			3.2	29.6
4+28½ = M.H. 2	12.38	40.02	5.19	27.64

M.H. 2 to M.H. 12

0+00 = M.H. 2				27.6
+56			11.5	28.5
0+66.2 = M.H. 12			8.7	31.3

M.H. 12 to D.E. South (℄ Francis)

0+00 = M.H. 12				31.3
+15			3.4	36.6
T.P.	12.58	52.15	0.45	39.57
+36			10.1	42.0
+57			4.1	48.0
+72			2.1	50.0
1+02			6.7	45.4
1+17			9.4	42.7
+26			13.5	38.6
+37			9.6	42.5
		52.15		
+51			6.7	45.4
T.P.	13.10	65.20	0.05	52.10
1+72			10.6	54.6
2+12			3.0	62.2
+43			2.0	63.2
+75 = D.E.			+0.9	66.1
T.P.	9.81	74.96	0.05	65.15
B.M. 13" Nov. S.W. Francis & Durant			7.95	67.01

Exist M.H. 35th & Durant to M.H. 3 (℄ 35th)

3+55.8 = Exist M.H. EL			12.56	162.40
+06			4.35	70.61
3+40		75.0	4.4	70.6
2+86			4.1	70.9
2+64			7.2	67.8
2+44			8.2	66.8
2+00			8.5	66.5
1+72			5.7	69.3
1+28			7.1	67.9
1+16			8.2	66.8
T.P.	0.04	62.54	12.46	62.50
0+98			2.3	60.2
0+97			5.6	56.9
T.P.	0.48	50.31	12.71	49.83
0+76			5.3	45.0
0+69.3	S imp Pav.		5.23	45.08

		50.31			
0+48.6	N. Wilp. Pav.		5.78	44.53	
0+43			6.3	44.0	
0+40			5.8	44.5	
T.P.	1.61	38.88	13.04	37.27	
0+15			9.9	29.0	
0+00 = MH 3			9.16	29.72	cor 29.69
B.M.	Beginning		9.28	29.60	(29.57)
	MH 3 to MH 13				
0+00 = MH 3		38.85			
+22			9.8	29.0	
+50			11.6	27.2	
+42			11.4	27.4	
+43			9.5	29.3	
+70			8.7	30.1	
1+00			8.4	30.4	
+50			8.3	30.5	
+90			4.8	34.0	
+95			1.4	37.4	
2+00			1.4	37.4	
T.P.	13.08	51.70	0.23	38.62	
2+06.4	S. rail	S.D.&A.	13.15	38.55	
2+11	N. rail	✓	13.20	38.50	
2+14			14.5	37.2	
2+31			8.6	43.1	
+71			2.7	49.0	

		51.70		
T.P.	12.31	64.00	0.01	51.69
2+90			10.6	53.4
3+00			5.1	58.9
3+80.2 = MH 13	5.56	68.64	0.92	63.08
Green House W 35th 100' N of Tompkins			10.5	68.1
MH 14	0.22	66.98	1.93	66.71
MH 14 to MH 4 (± Pardee)				
0+00 = MH 14				
+62			3.0	64.0
+75			9.8	57.2
T.P.	0.11	54.10	12.99	53.99
1+16			5.6	48.5
+51			11.0	43.1
+64			11.8	42.3
T.P.	3.35	44.44	13.01	41.09
+69			5.4	39.0
+75.5 N. rail	S.D.&A.		4.32	40.12
+80.5 S. rail	✓		4.42	40.02
2+10			6.9	37.5
+31			8.4	36.0
+53			10.0	34.4
+76			11.7	32.7
+92			11.6	32.8
3+06			14.3	30.1
+13			11.6	32.8

		44.44		
3+53			13.5	30.9
+54	"	"	10.5	33.9
+61	"	"	7.4	37.0
3+80.28	= MH.M4		5.26	39.18
MH3	10.02	40.71		29.69
MH4	6.42	45.56	1.57	39.14
	MH5 to D.E. South (± 36th)			
0+00	= MH5		5.21	40.35
+20			7.0	38.6
+50			5.5	40.1
+77			1.9	43.7
T.P	15.05	58.03	0.58	44.98
T.P	12.81	70.35	0.49	57.54
1+28			11.1	59.3
1+83			0.9	69.5
T.P	12.89	83.12	0.12	70.23
2+19			9.8	73.3
+26			7.1	76.0
+38			0.5	82.6
T.P	11.56	94.50	0.18	82.94
+70			11.1	83.4
+86.4	N imp.	Pav.	9.88	84.62
3+24.3	S imp.	Pav.	7.08	87.42
+30			7.0	87.5
3+40	= D.E.		2.0	92.5

MH 5 to MH 15 (± 36th)

0+00 MH5	12.05	52.40		40.35
+25			12.2	40.2
+28			13.7	38.7
+68			13.9	38.5
+81			14.5	37.9
+82			16.5	35.9
+98			16.2	36.2
1+06			14.2	38.2
+22			14.4	38.0
+52			14.5	37.9
+65			10.3	42.1
+94			9.6	42.8
+94.5	tab S rail	S.D.& A	8.70	43.70
+99.5	✓ N rail	✓	8.63	43.77
2+06			9.7	42.7
+13			3.3	49.1
T.P	13.07	65.44	0.03	52.37
+56			9.1	56.3
+69			4.9	60.5
3+30			0.2	65.2
T.P	6.85	71.90	0.39	65.05
3+80.90	= MH15		4.30	67.60
MH14			5.27	66.63

3

Feb 19-29
Loudon

	MH 27 to MH 26			
MH 18	13.09	76.17		63.08
T.P.	12.99	89.05	0.11	76.06
MH 27 2+10.22 = MH 27			9.29	79.76
1+95			9.7	79.3
1+50.	edge gutter slab		7.04	82.01
1+29.6	top Feb 35 M		4.05	85.00
0+99	back walk		0.56	88.49
T.P.	12.69	101.74	0.00	89.05
0+50			7.7	94.0
0+25			4.4	97.3
0+23			3.7	98.0
MH 26 0+00 = MH 26			2.68	99.06
	MH 26 to MH 25			
1+69.83 = MH 26				
1+46			1.5	100.2
T.P.	12.58	114.03	0.29	101.45
1+00			11.9	102.1
0+85			10.8	103.2
0+75			11.2	102.8
0+45			10.9	103.1
MH 25 0+00 = MH 25			9.24	104.79
	MH 25 to MH 24			
1+89.29 = MH 25				
1+75			9.1	104.9
1+60			9.6	104.4
1+30			12.1	101.9
1+00			12.1	101.9

		114.03		
0+55			10.7	103.1
0+45			10.1	103.9
0+25			8.8	105.2
MH 24 0+00 = MH 24			7.75	106.28
	MH 24 to MH 23			
1+90 = MH 23				106.3
1+45			4.5	109.5
1+30			3.1	110.9
1+00			1.9	112.1
T.P.	6.49	120.26	0.26	113.77
0+50			5.0	115.3
MH 23 0+00 = MH 23			1.97	118.29
	MH 23 to MH 22			
1+90 = MH 23				118.3
1+66			0.6	119.7
1+36			1.6	118.7
1+20			3.5	116.8
1+07			4.8	115.5
1+07			6.6	113.7
0+95			8.7	111.6
0+78			9.1	111.2
T.P.	0.25	127.62	12.89	107.37
0+05	[illegible]		24.0	83.6
0+00 = MH 22			23.2	84.4

	M.H 22 to	MH 21		
	107.62			
6+29.84 = MH 22				84.4
6+01			18.0	89.6
5+71			13.5	94.1
5+46			8.0	99.6
5+11			3.8	103.8
T.P.	12.85	120.34	0.13	107.49
4+76			11.8	108.5
4+00			6.6	113.7
3+73			4.5	115.8
3+50			3.9	116.4
3+00			2.8	117.5
2+50			2.6	117.7
2+00			2.4	117.9
1+50			1.1	119.2
T.P.	3.48	123.69	0.13	120.21
1+00			2.9	120.8
0+50			1.7	122.0
MH 21 0+00 = MH 21			0.66	123.03
	MH 21 to	MH 20		
0+00 = MH 21				123.0
0+03			0.8	122.9
+06			2.0	121.7
+50			6.3	117.4
1+00			8.9	114.8
+50			10.9	112.8
T.P.	0.45	111.71	12.43	111.26

		111.71		
1+89.80 = M.H. 20			1.16	110.55
	MH 20 to M.H. 19			
0+00 = MH 20				110.5
+50			2.7	109.0
1+00			4.6	107.1
+10			4.5	107.2
+50			6.4	105.3
MH 19 1+89.73 = MH 19			7.41	104.30
	MH 19 to M.H. 18			
0+00 = MH 19				104.3
+13			8.2	103.5
+20			10.5	101.2
+50			12.4	99.3
+80			15.2	96.5
1+00			15.3	96.4
1+10			14.8	96.9
1+35			16.2	95.5
1+50			15.9	95.8
1+73			13.3	98.4
T.P.	0.06	99.01	12.76	98.95
1+89.92 = M.H. 18			2.76	96.25

MH 18 to MH 17

		99.21		
0+00 = MH 18				96.2
+24			3.1	95.9
+45			1.2	97.8
1+00			5.5	93.5
1+25			9.2	89.8
1+50			12.8	86.2
+65			12.9	86.1
1+70.09 = MH 17			13.4	85.6

MH 17 to MH 16 to MH 26

0+00 = MH 17				85.6
+28			21.4	77.6
+37			21.8	77.2
+67			13.4	85.6
+80			7.2	91.8
MH 16 1+01.92 = MH 16			3.66	95.35
+11			1.7	97.3
+30			1.8	97.2
T.P.	9.74	108.25	0.50	98.51
+40			6.7	101.5
+50			3.8	104.4
+80			1.8	106.4
2+25			1.8	106.4
+40			2.2	106.0
+80			5.4	102.8
3+05			8.3	99.9

		108.25		
3+35			10.9	97.3
+45			13.4	94.8
+55			17.3	90.9
+75			19.5	88.7
4+05			19.4	88.8
+15			18.3	89.9
+45			14.2	94.0
+65			11.7	96.5
5+15			9.6	98.6
+75			7.4	100.8
6+14			8.6	99.6
MH 26 6+29.54 = MH 26	0.34	99.40	9.19	99.06
T.P.	0.19	86.80	12.79	86.61
T.P.	0.20	74.07	12.93	73.87
T.P.	0.65	62.01	12.71	61.36
B.M.	13' Mon 3482		7.07	54.94 (54.97)

M.H. 25 to M.H. 18

=M.H. 25				
6+29.45	7.46	112.25		104.79
5+70			5 8	106.4
5+55			5 2	107 0
5+10			5.6	106.6
4+70			6.5	105.7
4+30			10.2	102.0
4+10			12.5	99.7
3+85			13 2	99 0
3+65			11.6	100 6
3+30			6.6	105.6
2+95			4.5	107 7
2+45			6 3	105.9
1+90			9.2	103.0
1+70			12.0	100.2
T.P	0 08	100.72	11.61	100 64
1+40			4.1	96.6
1+00			9.1	91 6
0+60			14.5	86.2
0+10			6.7	94.0
0+00 = M.H. 18			4.46	96.26

M.H. 19 to M.H. 24

=0+00				
M.H. 19	12.61	116.91		104.30
0+15			15 5	101.4
+52			18 5	98.4
+65			21 0	95 7
+80			18 2	98 7
1+00			16 8	100.1
+30			12 9	104.0
+50			12 3	104 6
+65			10 9	106.0
+80			7 9	109 0
2+05			6 5	110.4
+40			6 2	110 7
+65			5 5	111 4
3+00			5 1	111 8
3+40			4 8	112 1
+80			5 2	111 7
4+20			5 3	111.6
+50			4 2	112 7
+80			4 1	112 8
5+20			4 8	112.1
+35			4.0	112.9
+60			6 8	110 1
+80			7 8	109.1
6+15			10 2	106.7
6+29.60 = M.H. 24			10.61	106.30

=6+29.69		M.H 23	to M.H. 20	
M.H. 23	5.77	124.06		118.29
6+10			6.4	117.7
5+60			5.5	118.6
5+15			3.2	120.9
4+80			1.7	122.4
4+45			1.9	122.2
4+10			0.9	123.2
3+85			3.7	120.4
3+50			5.1	119.0
3+43			6.9	117.2
3+13			8.1	116.0
3+00			9.9	114.2
2+50			13.3	110.8
2+15			14.2	109.9
2+00			13.5	110.6
1+60			16.8	107.3
1+50			16.0	108.1
1+30			17.0	107.1
1+00			16.3	107.8
0+60			15.1	109.0
0+15			13.9	110.2
0+00	=MH. 20		13.53	110.53

From hub 65' South of MH. #2 to MH #2 and north on ℄ of Francis St.

Sta. On Hub	+	⊼	−	Elev.
0+00				31.3

M.H #11 to MH 29 (817)

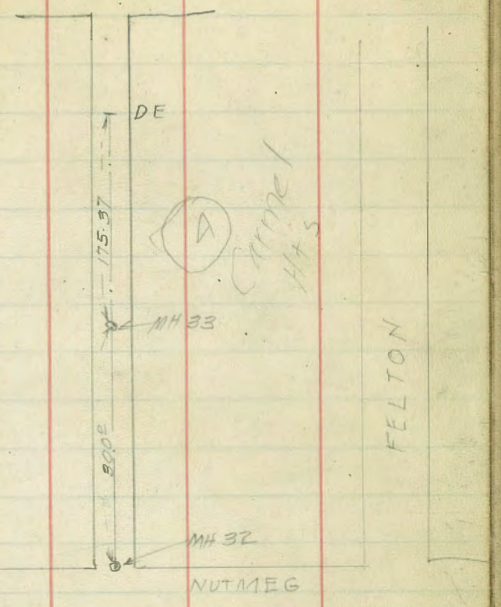
MH 11 ℄ of 100' E of E.L 34

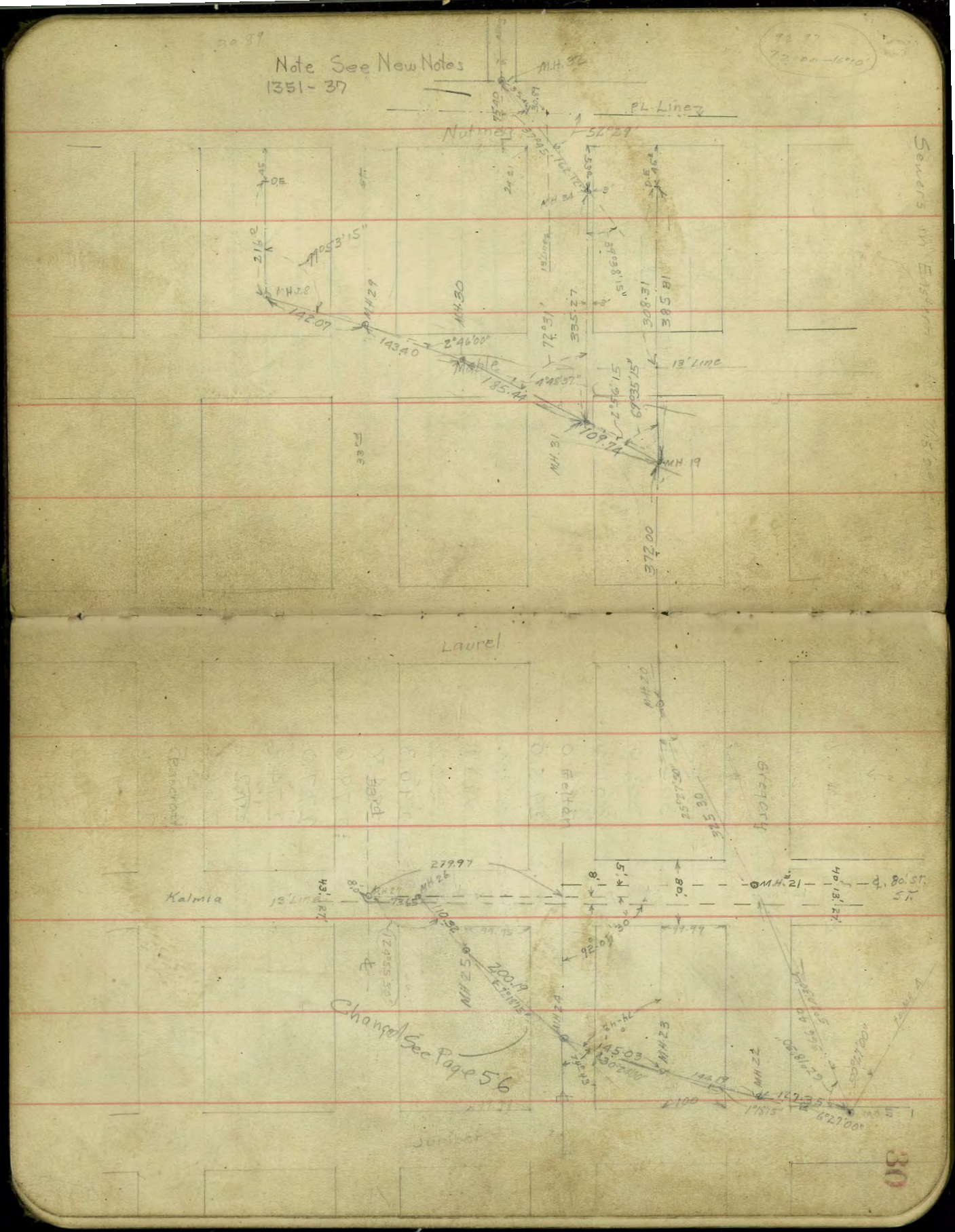
13 MON 94 C.L

BM	6.81	61.78		54.97
0+00 =	MH 11		5.7	56.1
+40			7.6	54.2
1+00			8.5	53.3
+13			7.6	54.2
+30			7.1	54.7
+50			5.4	56.4
+63			3.4	58.4
2+00			1.5	60.3
+50			2.3	59.5
3+00			4.1	57.7
+40			5.9	55.9
+51			7.7	54.1
+67.5	tobacb end.		8.32	53.46
+67.5	gut.		9.0	52.8
3+80 =	MH 29		8.7	53.1

MH 29 to MH 28

0+00 =	MH 29			53.1
+50			11.0	50.8
1+00			13.2	48.6
1+15			13.7	47.9
1+40 =	(℄ Francis & Tompkins) MH 28		13.3	48.5




Note See New Notes
1351-37
M.H. 32
P.L. Line
Nutmeg
52°29'
MH 24
MH 30
MH 29
MH 28
MH 31
MH 19
MH 21
MH 20
MH 26
MH 27
MH 23
MH 22
MH 25
Maple
13' Line
Laurel
Kalmia
Gregory
Judd
Chapel
Junior
See Page 56
372.00
279.97
200.19
145.03
147.35
30
92
53
30
30

Sewer Levels Eastern Ave

From DE North to MH 33

top M.H. B.M.	12.40	270.70		258.26
T.P.	13.03	283.42	0.31	270.39
T.P.	9.36	292.20	0.58	282.84
S.E. 7" tree Gregory & Nutmeg B.M.			4.09	288.11
T.P.	13.03	302.63	2.60	289.60
T.P.	5.29	304.98	2.94	299.69
DE = 1+75 37.			0.6	304.4
1+50			2.0	303.0
1+00			4.0	301.0
0+50			7.0	298.0
0+00 = MH 33			10.0	295.0

MH 33 to MH 32 3+00 = MH 33

2+80			11.1	293.9
T.P.	0.70	292.64	18.04	291.94
2+50			2.3	290.3
2+00			7.8	284.8
1+50			13.0	279.6
1+20			15.6	277.0
1+00			18.3	274.3
0+87			20.0	272.6
0+67			26.2	266.4
0+52			27.1	265.5
0+42			30.0	262.6
0+30			24.7	267.9
0+16			22.4	270.2
0+00 = MH 32			11.5	281.1

MH 32 to MH 34 6+00 = MH 32

292.64

0+05			10.8	281.8
0+27½	N-6 Nutmeg		12.50	280.14
T.P.	2.20	281.97	12.87	279.77
0+27½	gutter		2.61	279.36
0+50			3.3	278.7
0+89			5.6	276.4
1+01			5.0	277.0
T.P.	1.01	270.16	12.82	269.15
1+36			11.0	259.2
1+62½	= MH 34		13.2	257.0

MH 34 to MH 31 0+00 = MH 34

0+37			11.2	259.0
0+60			11.1	259.1
T.P.	3.99	262.11	12.04	258.12
1+00			3.0	259.1
1+11			3.0	259.1
1+20			4.8	257.3
1+30			4.2	257.9
1+50			4.8	257.3
1+73			5.2	256.9
2+00			7.3	254.8
2+50			10.7	251.4
2+70			11.3	250.8
2+90			13.0	249.1
T.P.	0.10	249.27	12.96	249.17

		249.27		
3+17			8.3	241.0
3+35.27	33+37.0		11.77	237.50 ✓
	MH 31			
	MH 31 to MH 19 0+00 = MH 31			
0+15	33+52.		10.5	238.8
0+50	+87		14.5	234.8
T.P.	1.22	237.57	12.72	236.35
0+58	+95		3.7	233.9
0+65	34 02 channel		6.0	231.6
0+90	+27		7.2	230,4
1+09.74	34+46.74 = MH 19		5.75	225.82
	MH 19 to MH 20 0+00 = MH 19			
0+11	+57.74		6.5	231.1
0+21	+67.74		4.3	233.3
0+50	34+96.74		8.6	229.0
0+61	35+07.74 channel		10.5	227.1
0+74	+20.74		12.0	225.6
0+77	+23.74		13.0	224.6
0+78	+24.74		12.0	225.6
0+89	+35.74		8.1	229.5
1+00	35+46.74		12.2	225.4
T.P.	6.63	231.15	13.05	224.52
1+17	+63.74		6.4	224.8
1+27	+73.74		3.4	227.8
1+37	+83.74		7.2	224.0
1+45	+91.74		8.0	223.2

		231.15		
1+50	35+96.74		8.1	223.1
1+70	36+22.74		9.0	222.2
1+85	+31.74		6.0	225.2
2+00	+46.74		4.8	226.4
2+22	+68.74		6.4	224.8
2+32	+78.74		9.1	222,1
2+38	+84.74		7.4	223.8
2+50	+96.74		7.6	223.6
2+90	37+36.74		8.0	223.2
3+00	37+46.74		7.4	223.8
3+37	37+83.74		5.3	225.9
3+53	37+99.74		5.7	225.5
3+72	38+18.74 = MH 20		9.46	221.69
	MH 20 to MH 21 0+00 = MH 20			
0+22	38+40.74		14.1	217,1
T.P.	2.10	221.37	11.88	219.27
0+33	+51.74 channel		7.5	213.9
0+40	+58.74		5.9	215.5
0+59	+77.74		5.0	216.4
1+00	39+18.74		6.0	215.4
1+50	+68.74		8.1	213.3
1+85	40+03.74		13.0	208.4
T.P.	0.90	209.82	12.45	208.92
1+98	+16.74		3.3	206.5
1+99	+17.74 channel		5.0	204.8

	40+22.74	209.82			
2+04	channel		5.1	204.7	
2+13	+31.74		4.4	205.4	
2+26	+44.74		2.9	206.9	
2+50	40+68.74		3.0	206.8	
2+87	41+05.74 channel		8.2	201.6	
3+00	41+18.74 "		8.2	201.6	
3+25.30	" +44.04 = MH 21		8.82	201.00	
	MH 21 to MH 5		0+00 = MH 21		
0+39	41+83.04		5.8	204.0	
0+50	+94.04		5.9	203.9	
1+00	42+44.04		10.3	199.5	
TP	3.22	200.91	12.13	197.69	
1+15	+59.04		3.5	197.4	
1+23	+67.04 channel		5.2	195.7	
1+50	42+94.04 "		6.5	194.4	
1+65	43+09.04		2.9	198.0	
2+00	+44.04		6.8	194.1	
2+13	+57.04		8.3	192.6	
2+16	+60.04 channel		10.3	190.6	
2+50	43+94.04 "		10.6	190.3	
3+00	44+44.04 "		10.5	190.4	
3+15	+59.04 "		9.9	191.0	
3+30	+74.04 "		10.6	190.3	
3+50	+94.04 "		10.6	190.3	
3+66.40	45+10.44 = MH 5		4.17	196.74	196.71

from DE North to MH 19

SE 7 tack brgs 45 & Antmeg					
BM	0.27	288.30		288.11	
TP	0.37	275.68	12.99	275.31	
0+00 = DE			3.4	272.3	
0+23			5.1	270.6	
0+50			8.8	266.9	
1+00			12.7	263.0	
TP	0.64	263.56	12.76	262.92	
1+50			2.9	260.7	
2+00			6.1	257.5	
2+35			7.5	256.1	
2+50			9.1	254.5	
2+70			10.3	253.3	
TP	0.10	250.80	12.86	250.70	
2+85			1.1	249.7	
3+08			3.8	247.0	
3+25			6.2	244.6	
3+45			9.5	241.3	
3+60			12.5	238.3	
3+75			17.8	233.0	
3+85.31 = MH 19			19.0	231.8	

SE 7" tac
Grotor 42 Nutmeg

NH 28 to NH 29 0+00 = NH 28

B.M. SW 7" tack B.M.	9.30	297.41		288.11
	8.88	305.79	0.50	296.91
T.P.	0.47	293.48	12.78	293.01
0+00 = NH 28			6.75	286.73
0+06			5.6	287.9
0+17			7.8	285.7
0+50			10.6	282.9
0+90	0.76	281.29	12.95	280.53
0+85			3.2	278.1
0+98			7.6	273.7
1+00			6.9	274.4
1+25			9.4	271.9
1+36			14.6	266.7
1+43.02 = NH 29			13.7	267.6
	NH 29 to NH 30		0+00 = NH 29	
0+13	channel		12.5	268.8
T.P.	1.18	269.62	12.85	268.44
0+50	channel		5.7	263.9
0+85	channel		9.4	260.2
1+35	"		13.9	255.7
T.P.	1.76	258.50	12.88	256.74
1+43.40 = NH 30			3.06	255.44

8/11/29 London.

NH 30 to NH 31 0+00 = NH 30

Eastern Add.

		258.50			
0+50				5.9	252.6
0+80				8.1	250.4
0+89				9.6	248.9
1+00				13.5	245.0
1+22				14.7	243.8
T.P.	1.92	247.62	12.80		245.70
1+29				2.2	245.4
1+47				5.4	242.2
1+60 = NH 31	channel			7.4	240.5
1+85.44	"			10.19	237.43 (237.50)

NH 27 to NH 26 0+00 = NH 27

NH 28	6.82	293.55		286.73
T.P.	0.34	281.02	12.87	280.68
T.P.	0.38	268.54	12.86	268.16
0+00 = NH 27			5.20	263.34
0+19			6.9	261.6
T.P.	0.17	255.66	13.05	255.49
0+42			2.1	253.6
0+56			8.0	247.7
T.P.	0.09	242.77	12.98	242.68
0+73.65 = NH 26			3.3	239.4

MH 26 to MH 25 0+00 = MH 26

242.77

0+07			4.9	237.9	
0+20			10.0	232.8	
0+21			11.9	230.9	
0+23			11.9	230.9	
0+24			10.7	232.1	
0+37			8.0	234.8	
0+60			7.5	235.3	
0+80			8.7	234.1	
0+90			11.6	231.2	
1+00			14.2	228.6	
T.P.	1.01	231.01	12.77	230.00	
1+10.32	= MH 25				
	MH 25 to MH 24				
0+25			1.8	229.2	
0+60			3.1	227.9	
0+85			5.5	225.5	
1+30			10.6	220.4	
1+50			14.0	217.0	
T.P.	1.43	219.84	12.60	218.41	
1+75	channel		8.6	211.2	
1+80			8.5	211.3	
1+92	channel		10.3	209.5	
2+00.19	= MH 24		9.17	~~200.67~~	210.67

MH 24 to MH 23 0+00 = MH 24

219.84

0+35			10.6	209.2	
0+40			9.9	209.9	
T.P.	3.03	210.43	12.44	207.40	
0+73	channel		3.7	206.7	
1+45.03	channel = MH 23		6.52	203.32	miller 203.91
	MH 23 to MH 22 0+00 = MH 23				
0+20			7.1	203.3	
0+30			6.4	204.0	
0+50			8.8	201.6	
1+00			12.2	198.2	
T.P.	2.24	199.58	13.09	197.34	
1+44.9	= MH 22		3.25	196.33	
	MH 22 to MH 5 0+00 = MH 22				
0+40	channel		6.9	192.7	
0+54	"		6.8	192.8	
0+58	"		6.3	193.3	
0+90	"		8.5	191.1	
1+06			8.0	191.6	
1+27.25	= MH 5		2.95	196.63	196.71
			PLOTTED TO HERE		


MH 35
33RD
225° = 25.17 miles
MH 36
BANCROFT
MH 38
27-17-10"
Existing 6" Sewer
Existing M.H.
MH 39
Pad
33RD
M.H. 85
GRADE
L Block
MH 40
HAWTHORN
FELTON
217.36
MH 42
MH 43
GREGORY
MH 44
M.H. 9
M.H. 8

MH 35 to MH 36 (P36)

Joliet & Loudon

242.31 (Book 135 P 26)

0+00 = MH 35			11.95	230.36
0+19	chl		12.7	229.6
0+25	"		11.4	230.9
0+33	"		12.6	229.7
0+50	"		13.0	229.3
T.P.	0.85	230.24	12.92	229.39
0+65			2.7	227.5
0+76			5.2	225.0
0+77	chl		7.7	222.5
0+80	chl		7.8	222.4
0+88			3.2	227.0
1+00			4.7	225.5
1+31.90 = MH 36			8.86	221.38

MH 36 to MH 37

0+00 = MH 36				221.38
0+15			9.4	220.8
0+35			7.5	222.7
0+56			7.1	223.1
T.P.	2.30	220.45	13.09	217.15
1+00			2.9	217.5
1+50			8.0	212.4
1+70			3.7	216.7
2+00 = MH 37			6.87	213.58

MH 37 to MH 38

37

0+00 = MH 37		220.45		
0+26			12.0	208.4
T.P.	0.22	207.61	13.06	207.39
0+35			1.4	206.2
0+50			0.9	206.7
0+83			3.8	203.8
0+90			2.8	204.8
1+00			4.8	202.8
1+40			1.8	205.8
1+50			3.3	204.3
1+69	chl		10.1	197.5
1+82			6.7	200.9
2+00			6.9	200.7
2+35 = MH 38			9.17	198.44

MH 38 to MH 39

0+00 = MH 38				198.44
T.P.	3.03	201.08	9.56	198.05
0+35			1.6	199.5
0+50			2.7	198.4
1+00.53 = MH 39			7.24	193.84

MH 39 to MH 40

0+00 = MH 39				193.84
0+50	chl		12.5	188.6
T.P.	1.25	189.28	13.05	188.03
1+00			4.1	185.2
1+35			5.8	183.5
1+50			4.4	184.9

39-40

189.28

1+58.22	=MH 40		5.24	184.04
	MH 40 to MH 41			
0+00	=MH 40			
0+12			7.3	182.0
0+21			5.9	183.4
0+41	ehl		9.7	179.5
0+63			7.0	182.3
0+76			7.9	181.4
1+00			11.3	178.0
1+12			12.6	176.7
1+23			12.5	176.8
1+53.25	=MH 41	178.95	12.00	177.28
	MH 41 to MH 42			
0+00	=MH 41			177.28
0+08			2.2	176.8
0+23	ehl		5.5	173.5
0+40			6.3	172.7
0+45	ehl		7.2	171.8
0+57			5.2	173.8
0+78	ehl		9.4	169.6
0+91			7.4	171.6
1+02			7.4	171.6
1+35			11.3	167.7
1+50			11.0	168.0
1+65			12.8	166.2

41-42

178.95

1+94.92	=MH 42		11.56	167.39
	MH 42 to MH 43			
0+00	=MH 42			167.39
0+25			9.6	169.4
0+50			10.4	168.6
0+80			10.2	168.8
1+00			10.9	168.1
1+27			12.8	166.2
T.P.	4.37	167.70	12.62	166.33
1+50			6.3	161.4
1+60	ehl		10.5	157.2
1+70			9.0	158.7
2+00			9.8	157.9
2+38.57	=MH 43		11.49	156.21
	MH 43 to MH 44			
0+00	=MH 43			156.21
0+50			13.6	154.1
0+65			15.6	152.1
0+78			13.1	154.6
T.P.	4.15	155.93	12.92	154.78
1+00			2.2	153.7
1+25			5.9	150.0
1+38			6.6	149.3
1+42			5.2	150.7
1+68			7.6	148.3

A3 - A4

155.93

1+79			9.5	146.4
1+87			8.1	147.8
2+11.78 = MH A4			7.99	147.94
	MH A4 to MH 9			
0+00 = MH A4				147.94
0+36			11.7	144.2
0+41			13.6	142.3
0+45			12.0	143.9
0+53			12.6	143.3
0+58			14.5	141.4
0+68			12.7	143.2
0+90			9.8	146.1
1+15			10.9	145.0
T.P	1.75	144.38	13.10	142.83
1+50			2.8	141.8
1+90			4.3	140.3
2+00			5.6	139.6
2+23			3.1	141.5
2+50			3.5	141.1
2+85			3.2	141.4
3+00			3.9	140.7
3+12			4.0	140.6
3+40			8.3	136.3
3+65.15 = MH 9			11.45	133.13

PLOTTED TO HERE

Miller
12-10-29

Prelim. Sewers, ℄ Felton St from M.H. 41 W. plat Page 36 to D.E. 40' S. of S. Line Hawthorne

B.M.	1.59	257.07		255.48	S.E. Felton & Juniper
T.P.	0.14	244.36	12.85	244.22	
00 = D.E. 40' S. of Hawthorne			3.1	241.3	Fill
5' E. of D.E. W. cmt. cb. of Felton			3.26	241.10	
0+50			10.3	234.1	Fill
5' E. of 0+50 = W. cmt. cb. of Felton			10.20	234.16	
T.P.	0.84	232.22	12.98	231.38	
0+80			2.3	229.9	Fill
5' E. of 0+80 = S. End of W. cmt. cb. of Felton			2.11	230.11	
T.P.	0.31	219.67	12.86	219.36	
1+00			1.6	218.1	Natural ground
1+15			9.1	210.6	" "
T.P.	0.05	207.28	12.44	207.23	
1+40			8.8	198.5	" "
T.P.	0.24	194.45	13.07	194.21	
1+65			2.4	192.0	" "
T.P.	0.94	183.95	11.44	183.01	
2+17 36 M.H. # 41			6.66	177.29	= 177.28 on Hub

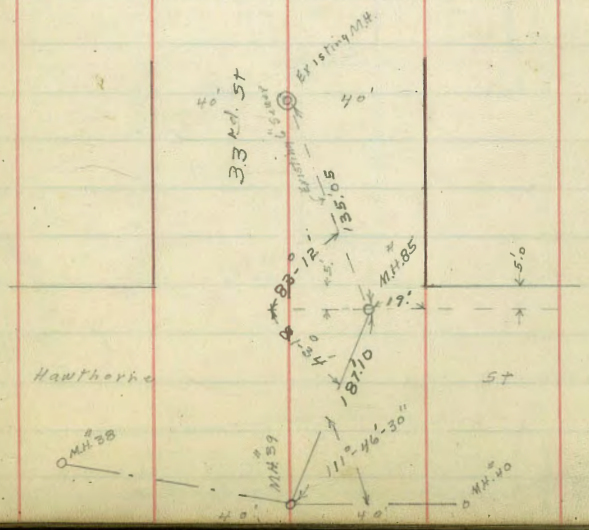
10.38
.56
10.94
3.58
7.36 Below Curb
10.00
17.36

Prelim Sewers in 33rd St. from M.H. 39 to M.H. 85 Plat Page 36

12-10-29
Miller

39

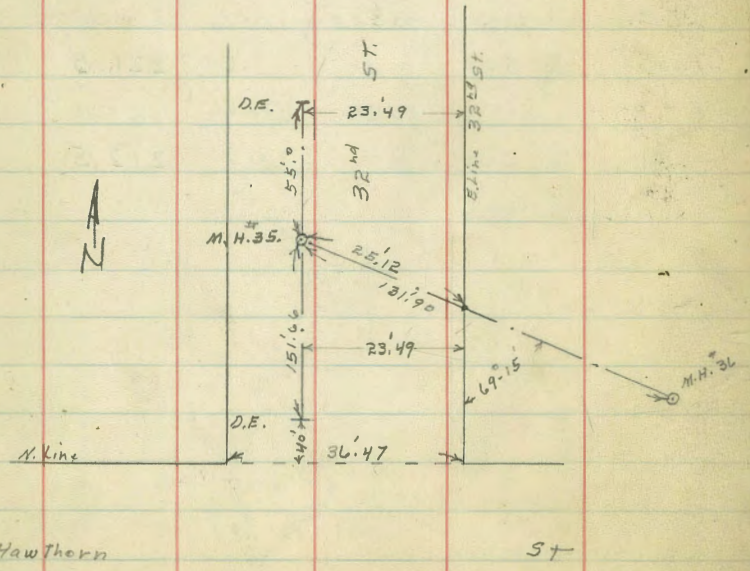
T.P.	12.92	257.14		244.22	opposite Page
T.P.	5.11	261.85	0.40	256.74	
T.P. on ed.	10.00	268.37	3.48	258.37	
Existing MH 235.05 N. of MH. 85			9.09	259.28	Flow Line
00 = M.H. 85	F.L. Existing 6" Sewer		17.36	251.01	
00 = M.H. 85	on Hub		11.15	257.22	Fill
0+10			10.9	257.5	"
T.P.	0.16	255.68	12.85	255.52	
0+35			5.9	249.8	"
0+48			7.7	248.0	"
T.P.	0.93	243.54	13.07	242.61	
0+63			1.7	241.8	Natural ground
T.P.	0.23	230.78	12.99	230.55	
1+00			9.0	221.8	
T.P.	0.21	217.97	13.02	217.76	
1+20			5.5	212.5	



Continued from Page 39

T 217.97

T.P.	0.10	204.88	13.19	204.78	
1+50			5.8	199.1	
1+68			14.6	190.3	N. side walk
1+77			15.6	189.3	S. " "
1+87 10 = M.H. # 39			11.02	193.86 = 193.84	



Hawthorn

ST

Prelim. Sewers
In 32nd St N. of Hawthorn
Plat Opposite Page

B.M.	1.26	283.34		282.08	NW 32nd & Hawthorn
N. line Hawthorn			2.13	281.21	pavmt.
00 = D.E. 40' N. of Hawthorn.			5.4	277.9	
T.P.	0.34	270.55	13.13	270.21	
0+60			1.8	268.8	
T.P.	0.32	258.15	12.72	257.83	
1+05			9.6	248.6	
T.P.	0.17	245.67	12.65	245.50	
1+20			3.3	242.4	
1+35			8.0	237.7	
1+51 66 = M.H. # 35	5+0+00	Hub	15.36	230.31 = 230.36	Wash.
0+26 North			9.2	236.5	
T.P.	12.65	258.15	0.17	245.30	
0+55 = D.E.			10.0	248.2	

131.90
106.90
75.00

92
14.95
106.95

3.65
11.73
75.38

230.36
15.31

258.15

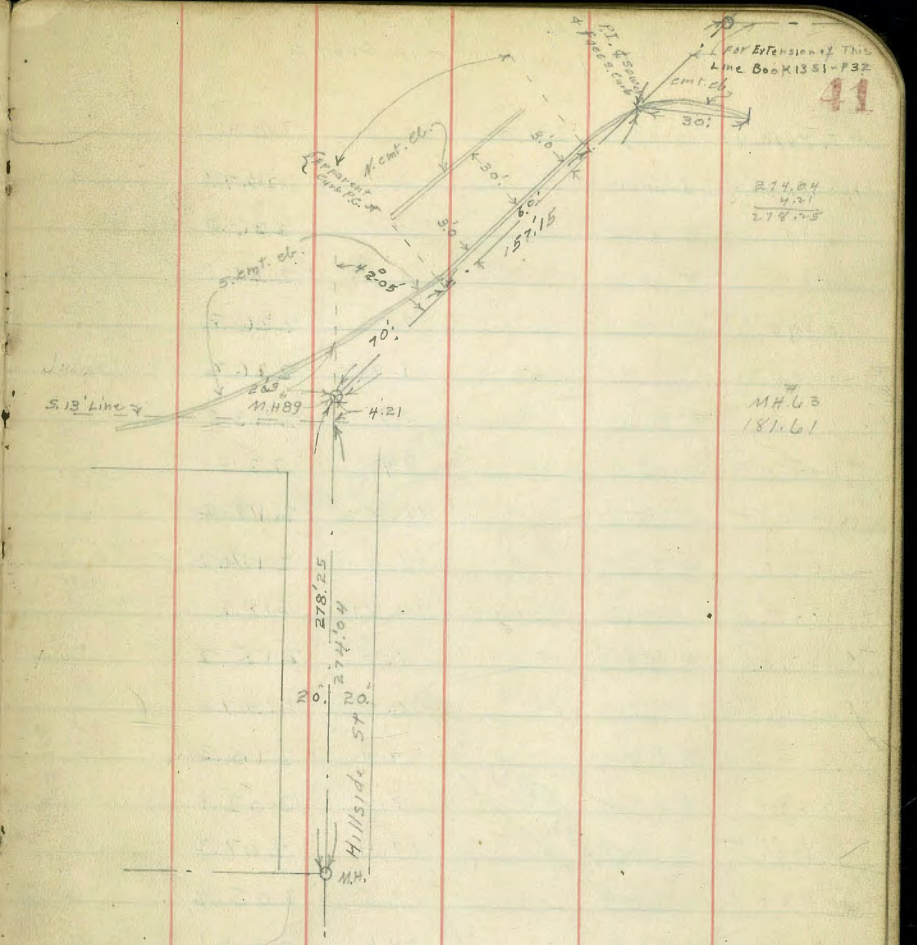
10.0

PLOTTED TO HERE

Prelim. Survey
Line S. Side Juniper from M.H. # 89 East
1-6-30
Millis

B.M. Stub	13.08	210.51		197.43	M.H. #
0+00 = M.H. # 89			5.83	204.68	17+41.9
0+25.			3.7	206.8	17+16.9
0+70 Apparent curb P.C.			0.6	209.9	16+71.9
3' N.W. of 0+70 on cmt. cb.			0.62	209.89	
T.P.	12.89	223.27	0.13	210.38	
0+85			11.4	211.7	16+56.9
3' N.W. of 0+85 on cmt. cb. Brick cb.			11.68	211.59	
1+30 Apparent Curb P.C.			4.9	218.4	16+11.9
3' N.W. of 1+30 on cmt. cb			4.86	218.41	
1+57 15 = P.I. Face cmt. cb. + ℄ sewer			0.60	222.67	15+84.75
T.P.	6.38	229.54	0.11	223.16	
30' E. of 1+57 15 on cmt. cb.			1.76	217.78	
T.P.	12.54	229.21	12.87	216.67	
T.P.	2.37	231.02	0.56	228.65	

PLOTTED



Prelim Sewers
& Gregory Juniper to Grape

1-6-30
Miller

H.I. Page 41		231.02			
0+00 = DE 40's S. of Juniper			3.9	227.1	
0+10			4.7	226.3	
0+15			6.9	224.1	
0+19			4.2	226.8	
0+50			4.4	226.6	
1+00			7.1	223.9	
1+50			9.9	221.1	
1+85			11.8	219.2	M.H.# 63 153.07 170.00
2+20			14.0	217.0	M.H. 90 & Hawthorn 11.17.90 380.48
T.P.	6.48	224.69	12.81	218.21	
2+60			9.5	215.2	
3+00 M.H.88 & 1VV = 0+00			10.75	213.94	
0+15			14.4	210.3	
0+22			22.6	202.1	
0+32			17.4	207.3	
0+80			19.5	205.2	
1+05			24.6	200.1	
T.P.	0.82	212.43	13.08	211.61	
T.P.	0.21	199.78	12.86	199.57	
1+35			12.3	187.5	
T.P.	0.04	186.70	13.12	186.66	
1+53.27 M.H.#63 Old Location			5.09	181.61 = 181.61	
1+70 M.H.#63 New Location			8.59	178.11	
1+78 Wash			9.5	177.2	
T.P.	13.12	199.78	0.04	186.66	

PLOTTED

181.61

199.78

42

T.P.	12.76	212.33	0.21	199.57	
2+20			19.7	192.6	
2+50			9.3	203.0	
2+85			0.5	211.8	
T.P.	12.81	224.87	0.27	212.06	
T.P.	11.86	236.23	0.00	224.87	
3+15			18.4	217.8	
3+40			15.0	221.2	
3+60			11.1	225.1	
3+80.48 M.H. #90 & Hawthorn			9.23	227.00	on stub
T.P.	12.28	247.94	0.57	235.66	
4+30			15.6	232.3	
T.P.	10.22	250.78	7.38	240.56	
4+80			15.0	235.8	
5+40			11.0	239.8	
5+70			9.5	241.3	
6+10			7.8	243.0	
6+70			9.4	241.4	
6+80 DE. 40's N. of N. line Grape			10.4	240.4	

PLOTTED

Prelim. Sewers.

℄ Ivy St. from M.H. #88. W. to Existing 6" C.I. Pipe

0+00 = M.H. #88.	12.17	226.21		213.94
0+10			8.9	217.3
0+15			12.4	213.8
0+20			9.0	217.2
0+55			2.9	223.3
0+90			1.1	225.1
1+15			3.1	223.1
1+55			13.4	212.8
1+80			19.8	206.4
2+00			28.0	198.2
2+06			27.1	199.1
2+21			14.9	211.3
2+39.5 ℄ Ground			4.0	222.2
2+39.5 F.L. Existing 6" C.I. Pipe			3.24	222.97

PLOTTED

283.17

270.6 / 12 / 24.216

262 / 12 / 274

Prelim Sewer

from M.H. #6. To M.H. #63 New Location

1-8-30

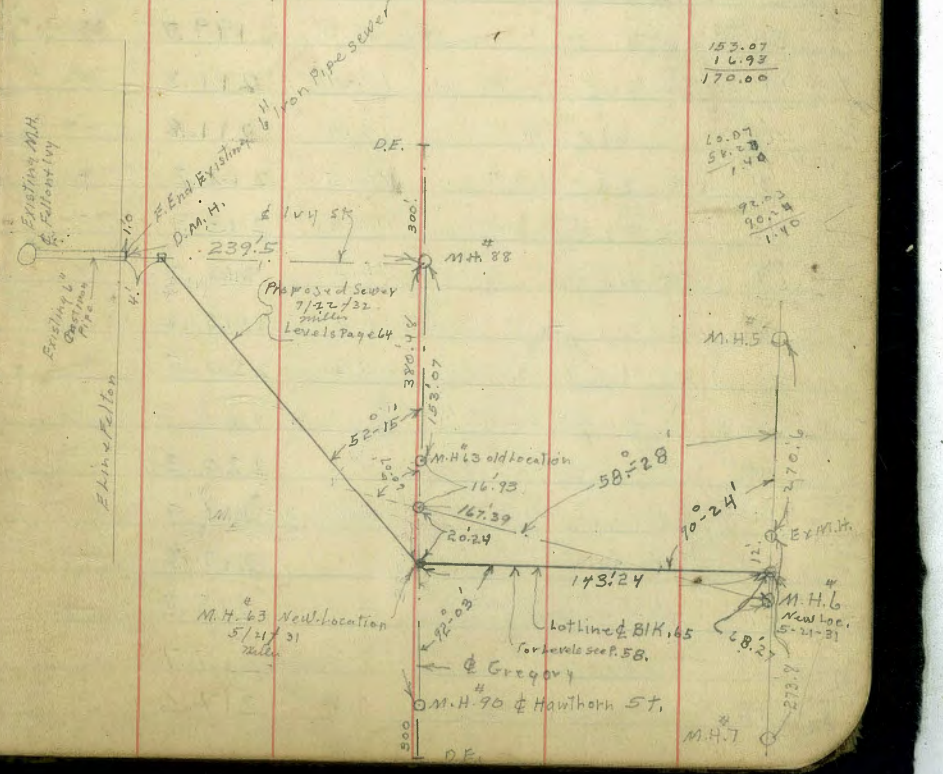
Millin

HI. 186.70 Page 42

43

0+00 = M.H. #63 New Location		8.59	178.11
0+17 Wash		10.4	176.3
0+20		9.8	176.9
0+55		9.9	176.8
0+75		12.0	174.7
T.P.	0.00	12.60	174.10
1+25		6.5	167.6
1+50		9.3	164.8
1+62		11.9	162.2
1+67.39 M.H. #6.		11.43	162.67

PLOTTED



80' wide
40' obs
10' HS

Gregory St & Sec

Ivy · To · Grape

1-7-30
millin

B.M.T.P.	6.4.6	224.69		218.21	Page 42
	N. hinelvy St				
W			3.7	221.0	
ch			6.2	218.5	
¼			5.8	218.9	
℄			9.4	215.3	
¼			11.8	212.9	
ch			12.7	212.0	
+5			13.2	211.5	
E			22.9	201.8	
	20' S = N. ch.				
E.			25.0	199.7	
+17			13.4	211.3	
ch			12.9	211.8	
¼			12.5	212.2	
℄			10.8	213.9	
¼			6.5	218.2	
ch			6.5	218.2	
W			4.2	220.5	
	30' S = N. ¼				
W			4.4	220.3	
ch			6.8	217.9	
+4			7.1	217.6	
+7			9.0	215.7	
¼			7.0	217.7	
+3			7.1	217.6	

224.69

44

℄			10.8	213.9	
+6			12.6	212.1	
¼			13.1	211.6	
ch.			13.6	211.1	
E.			27.8	196.9	
	40' S = ℄ Ivy				
E.			29.6	195.1	
ch			17.3	207.4	
+3			14.3	210.4	
¼			13.5	211.2	
+5			12.9	211.8	
℄			10.7	214.0	
+6			7.3	217.4	
¼			7.4	217.3	
+4			11.0	213.7	
ch.			7.5	217.2	
W.			4.0	220.7	
	50' S = S. ¼				
W			3.2	221.5	
+10			6.6	218.1	
ch			8.0	216.7	
+6			12.3	212.4	
¼			9.8	214.9	
℄			12.4	212.3	
¼			15.7	209.0	
ch			20.5	204.2	
E.			32.0	192.7	

224.69

60' S = S. Curb of Ivy St.

E.		34.2	190.5
eb		25.6	199.1
¼		21.5	203.2
℄		22.6	202.1
+5		13.6	211.1
¼		11.8	212.9
+6.		8.7	216.0
eb		8.1	216.6
+10		7.0	217.7
W		4.0	220.7
	00 = S. Line Ivy		
W		5.8	218.9
eb		9.2	215.5
¼		13.3	211.4
℄		17.8	206.9
¼		22.0	202.7
eb.		27.0	197.7
E		39.0	185.7
	25' S.		
E		37.5	187.2
eb.		28.4	196.3
¼		22.0	202.7
℄		18.9	205.8
¼		15.7	209.0
eb		13.6	211.1
W		12.7	212.0

Gregory St. X Sec.

224.69

T.P.	0.18.2	212.43	13,08	211.61	
		50' S.			
W			8.6	203.8	
eb			6.3	206.1	
¼			7.0	205.4	
℄			8.6	203.8	
¼			12.0	200.4	
eb			13.5	198.9	
E			27.2	185.2	
		75' S			
E			28.9	183.5	
eb.			22.0	190.4	
¼			18.7	193.7	
℄			16.4	196.0	
¼			15.8	196.6	
eb			16.6	195.8	
W			19.0	193.4	
T.P.	0.21	199.78	12.86	199.57	
		100' S			
W.			15.9	183.9	
eb.			13.5	186.3	
¼			13.8	186.0	
℄			14.2	185.6	
¼			15.2	184.6	
eb.			16.1	183.7	
E			19.5	180.3	

		199.78				199.78		
		120'.5				175'.9		
E.			23.1	176.7	W.			2.9	196.9
cb.			21.8	178.0	cb.			6.1	193.7
1/4.			20.8	179.0	1/4			7.4	192.4
℄.			19.9	179.9	℄			9.0	190.8
1/4.			19.6	180.2	1/4			11.0	188.8
cb.			19.6	180.2	cb.			13.2	186.6
W.			20.0	179.8	E			18.5	181.3
		185'. S.			T.P.	12.76.	R12.33	0.21	199.57
N.			16.0	183.8			R+00		
cb			20.5	179.3	E			23.5	188.8
1/4			21.4	178.4	cb			17.9	194.4
℄			22.3	177.5	1/4			14.9	197.4
1/4			22.6	177.2	℄			12.4	199.9
cb			23.4	176.4	1/4			10.3	202.0
E.			24.7	175.1	cb.			8.7	203.6
		150'. S			W			4.7	207.6
E.			23.3	176.5	T.P.	12.81	R24.87	0.27	212.06
cb.			21.2	178.6			R25'. S.		
1/4			19.5	180.3	W			7.8	217.1
℄			18.1	181.7	cb.			13.4	211.5
1/4			17.0	182.8	1/4			16.0	208.9
cb			16.2	183.6	℄			18.3	206.6
W			12.3	187.5	1/4			20.7	204.2
					cb			24.1	200.8
					E			30.6	194.3

224.87

250' S

E			24.4	200.5
cb			17.7	207.2
1/4			14.3	210.6
℄			11.7	213.2
1/4			8.6	216.3
cb.			6.3	218.6
W.			2.1	222.8
T.P.	11.36	236.23	0.00	224.87

275' S

W.			8.9	227.3
cb			13.8	222.4
1/4			16.2	220.0
℄			18.5	217.7
1/4			21.1	215.1
cb			24.0	212.2
E			31.6	204.6

3+00 = N. Line Hawthorn

E			28.0	208.2
cb			20.4	215.8
1/4			17.5	218.7
℄			15.0	221.2
1/4			11.9	224.3
cb.			9.3	226.9
W			4.6	231.6

236.23

20' S = N. cb.

W			1.7	234.5
cb			5.9	230.3
1/4			8.7	227.5
℄			11.1	225.1
1/4			14.1	222.1
cb			17.5	218.7
E			24.6	211.6

30' S = N. 1/4

E			24.2	212.0
cb			16.5	219.7
1/4			12.9	223.3
℄			10.1	226.1
1/4			7.2	229.0
cb			4.7	231.5
W			0.5	235.7

40' S = ℄

W			+0.4	236.6
cb			4.0	232.2
1/4			6.1	230.1
℄			9.2	227.0
1/4			12.3	223.9
cb			15.7	220.5
E			23.6	212.6

Gregory St.

47

		R36.23						250.78		Gregory st	
		50'S = S. line of Hawthorn						25'S.			
E			R3.2	213.0		W			7.0	243.8	
eb			15.1	221.1		+10			10.5	240.3	
1/4			10.9	225.3		eb			12.7	238.1	
℄			8.1	228.1		1/4			15.1	235.7	
T.P.	12.28	R47.94	0.57	235.66		℄			17.5	233.3	
1/4			14.8	231.1		1/4			20.2	230.6	
eb			14.4	233.5		eb			22.8	228.0	
W			10.5	237.4		E			31.0	229.8	
		60'S. = S. eb. Line						40'E.			
W.			9.7	238.2		E			28.1	222.7	
eb			13.2	234.7		eb.			21.4	229.4	
1/4			14.9	233.0		1/4			18.4	232.4	
℄			18.4	229.5		℄			16.2	234.6	
1/4			21.3	226.6		1/4			14.8	236.5	
eb			24.5	223.4		eb			11.7	239.1	
E			34.6	213.3		+10			7.4	243.4	
	0+00 E S. Line Hawthorn					W.			5.7	245.1	
E			32.3	215.6				65'S.			
eb.			22.5	225.4		W			5.0	245.8	
1/4			19.3	228.6		eb.			9.0	241.8	
℄			16.3	231.6		1/4			12.2	238.6	
1/4			13.6	234.3		℄			14.9	235.9	
eb			11.7	236.2		1/4			17.0	233.8	
W			7.7	240.2		eb.			19.2	231.6	
T.P.	10.22	250.78	7.38	240.56	Stub S.W. Cor	E			25.8	225.0	

250.78 100', S.			
E	22.9	227.9	
cb	17.1	233.7	
1/4	15.4	235.4	
℄	13.1	237.7	
+5	10.6	240.2	
1/4	9.7	241.1	
cb	7.2	243.6	
W	3.4	247.4	
125' S.			
W	2.8	248.0	
cb.	6.8	244.0	
1/4	8.5	242.3	
℄	10.7	240.1	
1/4	14.2	236.6	
cb.	16.3	234.5	
E.	20.6	230.2	
150' S.			
E.	19.3.	231.5	
cb.	14.6	236.2	
1/4	11.5	239.3	
℄	9.5	241.3	
1/4	7.4	243.0	
cb.	5.7	245.1	
W	2.4	248.0	

250.78 175' S.			
W.	3.9	246.9	
cb.	5.3	245.5	
1/4	6.4	244.4	
℄	8.7	242.1	
1/4	10.6	240.2	
cb	12.7	238.1	
+12	16.2	234.6	
E.	17.2	233.6	
200' S.			
E.	16.0	234.8	
+5	13.9	236.9	
cb.	10.8	240.0	
1/4	9.3	241.5	
℄	8.0	242.8	
1/4	6.7	244.1	
cb.	5.7	245.1	
W.	6.1	244.7	
225' S.			
W	9.4	241.4	
cb	7.8	243.0	
1/4	7.4	243.0	
℄	8.5	242.3	
1/4	9.2	241.6	
cb	10.3	240.5	
E	13.8	237.0	

250.78

250 ' S.

E.			12.5	238.3
cb			10.4	240.4
1/4			9.6	241.2
℄			9.4	241.4
1/4			9.9	240.9
cb.			11.0	239.8
W.			13.3	237.5

275' S.

W			17.0	233.8
cb			14.5	236.3
1/4			13.0	237.8
℄			12.1	238.7
1/4			11.3	239.5
cb.			11.1	239.7
E.			12.3	238.5
T.P.	1.06	239.32	12.52	238.26

301' S. = N. Line "Grape-C.

E			0.9	238.4
cb			1.8	237.5
1/4			2.8	236.5
℄			3.8	235.5
1/4			4.8	234.5
cb			6.2	233.1
W.			10.0	229.3

239.32

20' S = N. cb.

W.			14.1	225.2
cb.			10.1	229.2
1/4			8.2	231.1
℄			6.6	232.7
1/4			5.3	234.0
cb			4.2	235.1
E			2.4	236.9

30' S. = N. 1/4

E			3.7	235.6
cb.			5.7	233.6
1/4			7.2	232.1
℄			8.6	230.7
1/4			10.1	229.2
cb			12.1	227.2
W			15.9	223.4

40' S. = ℄

W.			18.3	221.0
cb.			14.3	225.0
1/4			12.2	227.1
℄			10.4	228.9
1/4			9.0	230.3
cb			7.4	231.9
E.			5.7	233.6

		239.32		
		50' S = S. ¼		
E			7.5	231.8
eb			9.7	229.6
¼			10.9	228.4
℄			12.6	226.7
T.P.	4.26	231.00	12.58	226.74
¼			6.0	225.0
eb			8.3	222.7
W			12.8	218.2
		60' S = S. eb.		
W			15.5	215.5
eb			9.8	221.2
¼			8.1	222.9
℄			5.9	225.1
¼			4.3	226.7
eb.			3.0	228.0
E			0.6	230.4
		80' S. = S. Line		
E.			4.1	226.9
eb.			6.4	224.6
¼			8.5	222.5
℄			10.5	220.5
¼			12.2	218.8
eb.			14.1	216.9
W.			19.0	212.0
Chk S. end W. eb. Felton S. of Hawthorn			0.98	230.08 : 239.32 Page 39

Prelim Sewers in Juniper St
From M.H.# 89 Book 1316 P. 41 to
M.H.# 67 Book 1351 P. 32

2-27-30
mills

B.M. 100	12.24	216.92		204.68	M.H.# 89
T.P.	12.49	228.86	0.55	216.37	
9+57.5 S. ch. line Juniper			6.19	222.67	15+84.75 Page 41
1+57 20 S. gutter "			6.79	222.07	15+84.70
T.P.	12.58	241.14	0.30	228.56	
2+00 on parmt			11.61	229.53	15+41.9
2+25 " "			7.68	233.46	15+16.9
2+57.4 N. gutter, line Juniper			3.98	237.16	+84.5
2+57.5 N Curb. "			3.28	237.86	+84.4
2+69.90 M.H.# 18 W.S. of Al. line Juniper Produced from East			1.66	239.48	14+72
T.P.	12.65	253.76	0.03	241.11	
0+50			7.4	246.4	14+22
1+00			0.1	253.7	13+72
3'S. of 1+00 on cmt. ch.			0.03	253.73	
T.P.	13.20	266.88	0.08	253.68	
1+20			10.0	256.9	13+52
3'S. of 1+20 on curb			10.43	256.45	
1+35			9.2	257.7	13+37
3'S. of 1+35 on curb			9.58	257.30	
1+65			8.5	258.4	13+07
2+00			7.5	259.4	12+72
3'S. of 2+00 on curb			7.56	259.32	
2+50			6.2	260.7	12+22
3+00			5.1	261.8	11+72
3+50			3.9	263.0	11+22
4+00			2.5	264.4	10+72

PLOTTED

266.88

4+50			1.3	265.6	10+22
5+00			0.0	266.9	9+72 S.W. Juniper
T.P. BM	5.74	272.17	0.47	266.41 = 266.43	+ Commonwealth
5+07 = W. Line Commonwealth			5.06	267.11	9+65
5+14.2 N.W. ch. Return			5.16	267.01	9+58.8
5+14.3 gutter			5.82	266.35	+57.7
5+37 = M.H.# 67 ℄ Commonwealth			5.08	267.09	9+35.0

PLOTTED

52

Prelim. Sewers 7'S. of N. line Juniper
from D.E. 90'E. of E. Line Commonwealth East
To M.H.# on & Pentucket.

227-30 Miller

H.I. Page 52 272.17

See Book 1351, P33

0+00 = D.E. 90' E. of E. Line Commonwealth	1.3	270.9	1+20
3' S. of 0+00 on curb	1.35	270.82	
0+25	1.2	271.0	1+45
3' S. of 0+25 on curb	1.21	270.96	
0+50	1.5	270.7	1+70
3' S. of 0+50 on cl.	1.66	270.51	
0+75	2.5	269.7	1+95
3' S. of 0+75 on cl.	2.63	269.54	
1+00	3.9	268.3	2+20
3' S. of 1+00 on cl.	4.01	268.16	
1+25	5.7	266.5	2+45
3' S. of 1+25 on cl.	5.72	266.45	
1+50	8.0	264.2	2+70
3' S. of 1+50 on cl.	8.08	264.09	
T.P. 9.46 270.95	10.68	261.49	
1+80	9.1	261.9	3+00
1+95	9.9	261.1	3+15
1+99.40 M.H.# & Pentucket	11.69	259.26	3+19.4 Δ 83°-41' Rt.
0+65	9.8	261.2	3+24.4
0+18.7 N. of Juniper on Curve	9.82	261.13	3+38.1
0+18.5 gutter Pavmt.	10.48	260.47	3+38.2
0+53 S. Line Juniper pavmt.	10.84	260.11	3+72.4
0+75	9.0	262.0	3+94.4
0+93 D.E. 40' S. of Juniper	7.5	263.5	4+12.4

PLOTTED

Book 1531
Page 31
Book 1351

Prelim Sewers
& Felton from MH. #24 North.
Plat Page 30

2-24-30
Miller.

54

B.M. M.H. #24 0+00	13.07	223.74		210.67
0+05 Wash			14.5	209.2
0+25			7.7	216.0
T.P.	12.60	236.13	0.21	223.53
0+65			7.9	228.2
T.P.	11.97	247.73	0.37	235.76
1+00			9.1	238.6
1+20			4.4	243.3
T.P.	13.15	260.64	0.24	247.49
1+50			8.9	251.7
1+85			2.0	258.6
T.P.	11.38	272.00	0.02	260.62
2+43.2 Stub & Kalmia.			6.11	265.89
3+00			3.3	268.7
3+45			3.0	269.0
3+90			6.7	265.3
T.P.	0.44	259.45	12.99	259.01

PLOTTED

Page 35

Prelim Sewers
& Blk B at Filbert Gregory from M.H. #23 North
Plat Page 30

2-28-30
miller

55

B.M. M.H. #23 0+00				N.G. 203.32 / 203.91	Page 35
		259.45	Page 54		
2+35 N. of M.H. #23			9.2	250.2	13' S. of S. Line Kalmia
2+00			8.3	251.1	
1+65			8.0	251.4	
1+30			11.3	248.1	
T.P.	0.11	246.32	13.24	246.21	
1+00			3.6	242.7	
0+77		PLOTTED (NOT USED)	9.6	236.7	
T.P.	0.02	233.18	13.16	233.16	
0+55			7.7	225.5	
T.P.	0.12	220.33	12.97	220.21	
0+35			3.5	216.8	
T.P.	1.28	209.21	12.40	207.93	
0+04			5.0	204.2	
0+00 = M.H. #23			5.30	203.91 = 203.91 Page 35	

Prelim Sewers

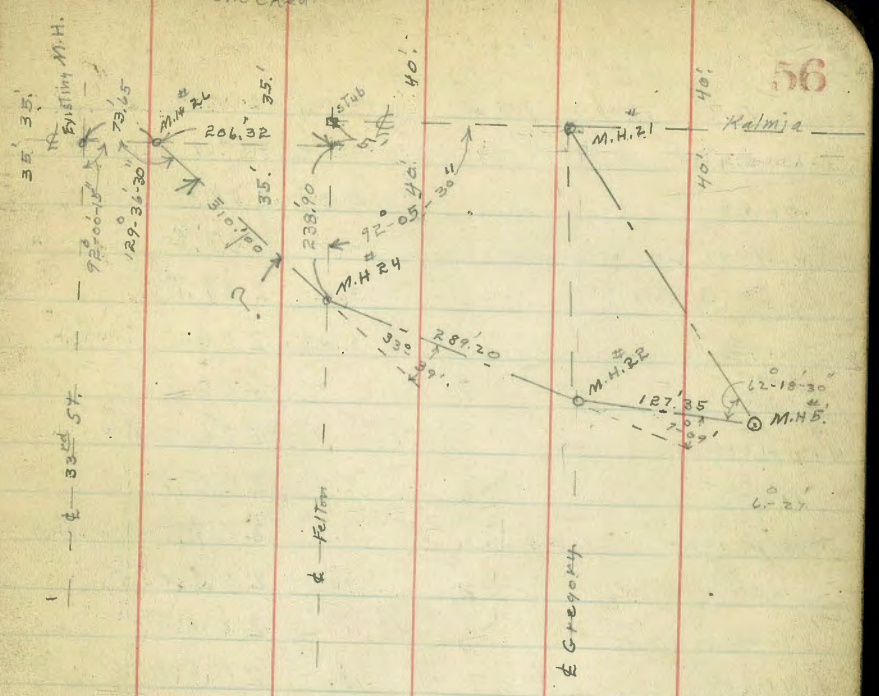
Relocation M.H. #26 to M.H. #24 Eliminating M.H. #25
" M.H. #24 " M.H. #22 " M.H. #23

5-15-31 Mills, Osborne & Sommerhoyer

B.M. Stub M.H. #25	9.79	238.59		228.80	
0+00 M.H. #26			P1.0	239.6	✓
0+20			7.7	230.9	✓
0+45			5.2	233.4	✓
0+70			6.6	232.0	✓
0+92			12.5	226.1	✓
2' E. of 0+92			14.7	223.9	✓ Wash
0+95			14.7	223.9	✓ wash
1+22			16.4	222.2	✓ Wash
1+26			13.3	225.3	✓
1+50.			14.7	223.9	✓
10' E. of 1+50			17.9	220.7	✓ Wash.
1+70			13.3	225.3	✓
T.P.	9.29	226.51	12.37	226.22	—
1+90			2.6	223.9	✓
2+30			6.0	220.5	✓
2+57			9.8	216.7	✓
2+70			13.0	213.5	✓
2' E. of 2+70			15.0	211.5	✓ Wash
2+72			15.2	211.3	✓ wash
2+85			15.8	210.7	✓ Wash
2+87			14.4	212.1	✓
2' W. of 2+87			15.8	210.7	✓ Wash
3+00			16.3	210.2	✓
3+04			17.5	209.0	✓ wash
3+07			15.7	210.8	✓

Plotted 6-3-31 L.B.H.

Checked



279.97
73.65
206.32

See Page 30
See Page 81 Book 1351

226.51

T.P.	0.32	214.71	12:12	214.39	— on stub
3+10 = MH #24 Δ 33°-39' Lt.			4.02	210.69	= 210.67 ✓
0+20			5.3	209.4	✓
3' N. of 0+20			6.8	207.9	wash —
0+42			5.0	209.7	✓
0+70			8.4	206.3	✓ wash.
0+80			8.0	206.7	✓
4.3 of 0+80			8.7	206.0	✓ wash. —
1+03.			8.8	205.9	✓
4.3 of 1+03			9.9	204.8	✓ wash —
1+30			9.7	205.0	✓
1+60			11.2	203.5	✓
1+75			10.7	203.0	✓
1+95			12.8	201.9	✓
T.P.	0.86	202.57	13.00	201.71	—
2+25			2.5	200.1	
2+45.			3.6	199.0	✓ wash
2+89 20 MH #22 Δ 7°-09' Lt.			5.9	196.7	✓ wash.
" " " " " "			6.74	195.83	on Hub.
chk stub MH #5			5.93	196.64	= 196.71

Plotted 6-3-31.

Prelim Sewers. bet M.H. 6 New location + M.H. 63 New location
on Lot line & Blk. 45. Eastern Add.

B.M. stub B1351.A14.	11.05	173.76		162.71	M.H. 6 old Location
0+00 = M.H. 6 New Location 1H Wash.			10.74	163.02	✓ on Hub.
0+08			7.8	166.0	✓
0+35			4.8	169.0	✓
0+65			1.7	172.1	✓
T.P.	10.94	183.07	1.63	172.13	—
0+74			11.8	171.3	✓
4' N. of 0+74			14.0	169.1	✓
1+05			6.6	176.5	✓
1+43 24 M.H. 63. New location			1.85	181.22	✓ on Hub
chk M.H. 63 old Location			4.89	178.18	✓

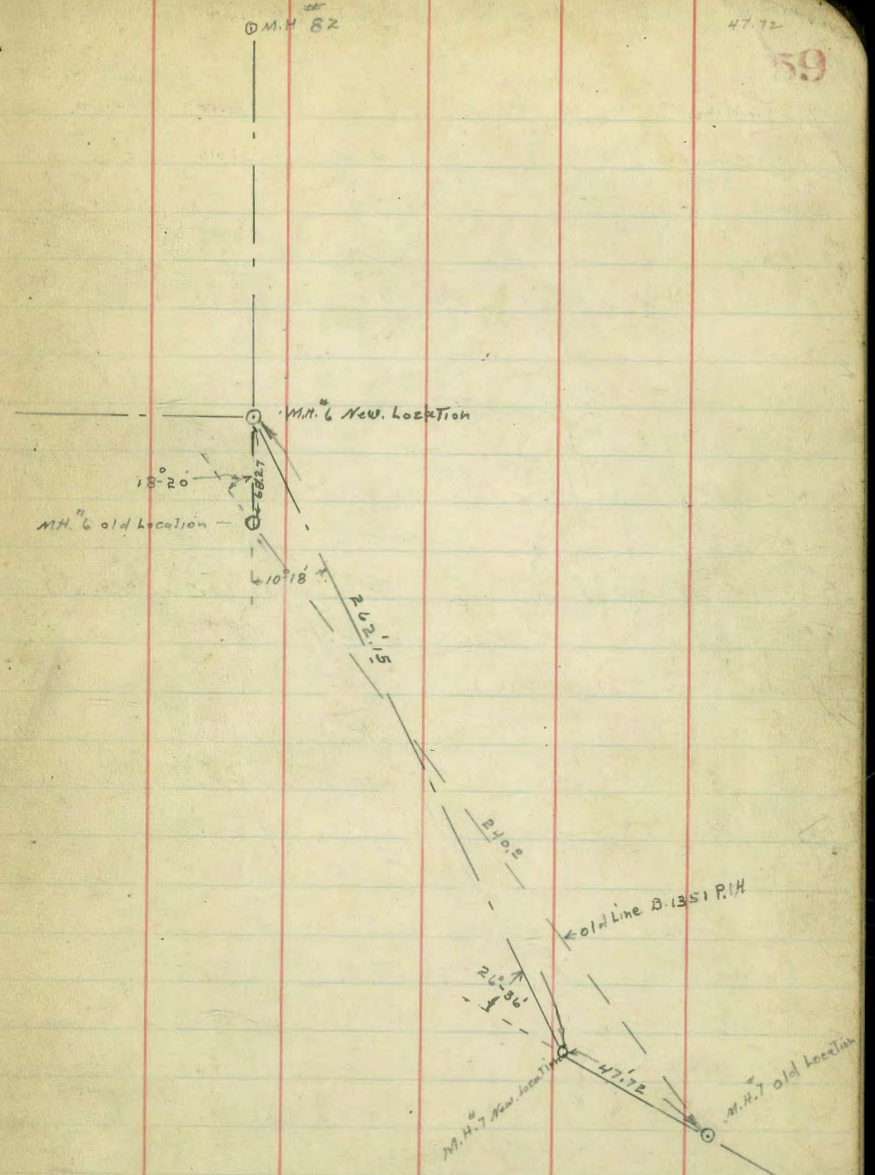
Plotted 6-7-31 L.B.H.

Prelim Sewers

Relocation Line Bet M.H. #6 & M.H. #7 Book 1351 P.9.

0+00 = BM. stub inv.	5.75	168.27		163.02	page 58. M.H. 6 New Location
0+17 wash			5.6	162.7	✓
0+19			4.5	163.8	✓
0+35			3.0	165.3	✓
0+70			2.5	165.8	✓
1+00			4.0	164.3	✓
1+37			6.2	162.1	✓
1+44 N. edge wash			8.8	159.5	✓
1+59 5 " "			9.0	159.3	✓
1+62			5.9	162.4	✓
2+00			6.8	161.5	✓
5' E. of 2+00 wash.			10.2	158.1	✓
2+35			7.3	161.0	✓
2+62.5 M.H. #7 New Location			6.98	161.29	✓ on Hub.
chk M.H. #7 old Location B.1351 P.14			8.21	160.06	=160.03

Plotted 6-2-31 L.B.H.



47.72

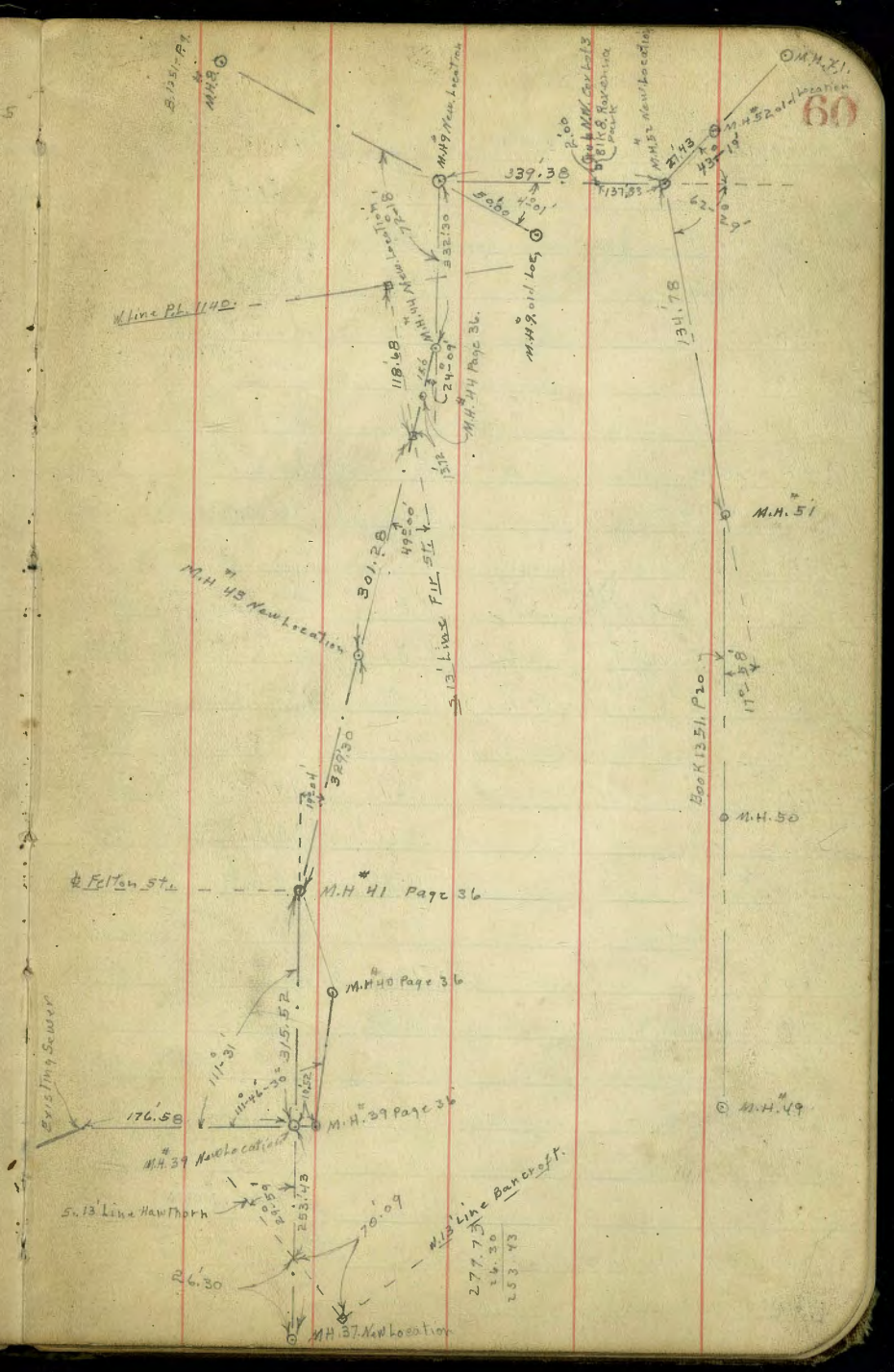
59

Sewer Prelim

Relocation bet. M.H. 9 New location to M.H. 52 New location

B.M. M.H. 9 old loc.	4.80	137.90		133.10	Book 1351-15 Con Stub.
00 = M.H. 9 New Location			6.42	131.48	on Hub.
0+28			7.4	130.5	✓
0+31	wash		9.4	128.5	✓
0+38	wash		10.0	127.9	✓
0+40			6.1	131.8	✓
0+65			4.4	133.5	✓
1+00			4.9	133.0	✓
1+35			6.6	131.3	✓
1+63			4.5	131.4	✓
1+83			2.6	135.3	✓
2+10			0.6	137.3	✓
T.P.	4.42	141.67	0.65	137.25	
2+40			2.0	139.7	✓
3+00			4.0	137.7	✓
3+39.38 M.H. 52 New. Location			5.42	136.25	✓
0+00 from M.H. 52 New location to M.H. 51					
0+25			6.3	135.4	✓
0+28	wash		9.1	132.6	✓
0+36	wash		8.9	132.8	✓
0+39	wash		6.9	134.8	✓
0+73	wash		6.2	135.5	✓
0+75			5.2	136.5	✓
1+05			4.5	137.2	✓
1+34.78 M.H. 51 on Stub.			3.40	138.27 = 138.28	

PLOTTED 6-2-31 L.B.H.



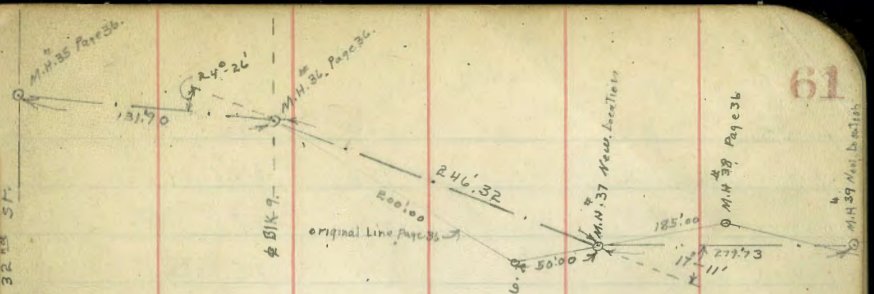
Prelim Sewers

Relocation Line from M.H. #9 New location to M.H. #36 Page 36

5-27-31 Mata Sommermeyer asbarne

0+00 = B.M. M.H. #9 New Loc.	11.91	143.39		131.48	✓
0+12			12.1	131.3	✓
0+20 wash			14.1	129.3	✓
0+29 "			13.3	130.1	✓
0+30			11.6	131.8	✓
0+60			9.6	133.8	✓
1+06			6.9	136.5	✓
1+08 wash.			9.5	133.9	✓
1+15			7.2	136.2	✓
1+50			4.2	139.2	✓
1+85			4.4	139.0	✓
1+89 wash			6.4	137.0	✓
2+12 "			5.5	137.9	✓
2+14			3.4	140.0	✓
T.P.	12.50	154.38	1.51	141.88	—
2+55			11.1	143.3	✓
2+82			11.8	142.6	✓
2+83 wash			13.0	141.4	✓
2+89 "			13.0	141.4	✓
2+92			11.1	143.3	✓
3+02			10.8	143.6	✓
3+03			11.9	142.5	✓
3+11			11.9	142.5	✓
3+13			10.3	144.1	✓
3+32.30 M.H. #44 New. Location = 0+00			6.93	147.45	✓
0+15 M.H. #44 old "			6.50	147.88 = 147.94	✓

Plotted 6-2-31 F.B.H.



				154.38	
0+28 ZZ P.I.S. 13" line Fir			6.44	147.92	✓ on Hub
0+43			6.6	147.8	✓
0+44 Wash.			7.6	146.8	✓
0+53 "			8.0	146.4	✓
0+60			6.0	148.4	✓
0+85			3.2	151.2	✓
0+94			3.6	150.8	✓
2' S.W. of 0+94 Wash.			5.3	149.1	—
1+00			4.0	150.4	✓
2' S.W. of 1+00 Wash			5.1	149.3	—
1+22			0.2	154.2	✓
T.P.	12.75	166.91	0.22	154.16	—
1+50			11.2	155.7	✓
1+67			13.1	153.8	✓
1+69 Wash.			14.6	152.3	✓
2+00 "			13.4	153.5	✓
2+23 "			12.6	154.3	✓
2+25			11.5	155.4	✓
2' N. of 2+25 Wash			12.6	154.3	—

	166.91				
2+50		10.4	156.5	✓	
3 N of 2+50 wash		11.8	155.1	—	
3+00		8.4	158.5	✓	
3+06 wash		9.7	157.2	✓	
3+10 "		9.7	157.2	✓	
3+12		7.1	159.8	✓	
3+30 M.H. 4.3 New Location = 0+00		2.74	164.17	✓	
T.P.	10.18	176.42	0.67	166.24	—
0+40			10.0	166.4	✓
0+75			10.9	165.5	✓
1+00			9.9	166.5	✓
1+10			10.9	165.5	✓
1+12 wash			12.5	163.9	✓
1+18 "			12.4	164.0	✓
1+20			10.9	165.5	✓
1+43			8.9	167.5	✓
1+45 wash			11.3	165.1	✓
1+53 "			11.2	165.2	✓
1+56			7.7	168.7	✓
1+90			5.1	171.3	✓
2+03			5.9	170.7	✓
2+07 wash			8.7	167.7	✓
2+11 "			8.8	167.6	✓
2+13			7.6	168.8	✓
2+33			6.4	170.0	✓
2+35 wash			7.5	168.9	✓

Plotted

	176.42				
2+74 wash			7.5	168.9	✓
2+76			6.0	170.4	✓
2+70			2.1	174.3	✓
2+85			3.4	173.0	✓
2+87 wash			4.6	171.8	✓ —
3+13 "			3.2	173.2	✓
T.P.	13.24	188.86	0.80	175.62	—
3+15			13.2	175.7	✓
3+29.30 M.H. 4.4 Page 36, = 0+00			11.67	177.19 = 177.28	✓
0+34			11.9	177.0	✓
0+40 wash			13.4	175.5	✓
0+65 "			12.6	176.3	✓
0+67			10.8	178.1	✓
1+03			8.2	180.7	✓
1+05 wash			9.6	179.3	✓
1+09 "			9.9	179.0	✓
1+10			8.0	180.9	✓
1+35			3.6	185.3	✓
1+55			4.7	184.2	✓
1+90			0.7	188.2	✓
T.P.	13.27	201.93	0.20	188.66	—
2+25			11.7	190.2	✓
2+65			11.2	190.7	✓
3+06			11.5	190.4	✓
3+10 wash			12.8	189.1	✓
3+15.52 M.H. 4.39 New location in wash			12.76	189.17	✓

Plotted

		201.93			
0+03			11.2	190.7	✓
0+25			7.7	194.2	✓
0+50			3.3	198.6	✓
T.P.	12.86	214.59	0.20	201.73	—
0+80			13.0	201.6	✓
1+42			10.8	203.8	✓
1+60			14.7	199.9	✓
1+62 Wash.			17.4	197.2	✓
1+64 "			17.4	197.2	✓
1+66			15.3	199.3	✓
1+93			10.0	204.6	✓
2+23			11.4	203.2	✓
2+30 Wash.		Plotted	11.5	203.1	✓
2+43			8.8	205.8	✓
2+48 Wash			10.5	204.1	✓
2+65 "			9.2	205.4	✓
2+79[33] M.H.#37 West. Location = 0+00			8.02	206.57	✓
0+40			5.3	209.3	✓
0+43 Wash.			7.6	207.0	✓
0+47 "			6.7	207.9	✓
0+49			4.6	210.0	✓
chk M.H.#37 Page 37			1.09	213.50	= 213.58
0+75			3.2	211.4	✓
0+76 Wash			3.7	210.9	✓
0+82 "			3.4	211.2	✓
0+84			2.4	212.2	✓

		214.59			
T.P.	11.86	225.43	1.02	213.57	—
1+15			10.0	215.4	✓
1+37			10.9	214.5	✓
1+39 Wash			11.9	213.5	✓
1+48 "			12.1	213.3	✓
1+50 "			9.8	215.5	✓
1+80		Plotted 6-2-31 L.B.H.	5.6	219.8	✓
2+14			3.5	221.9	✓
2+30			5.0	220.4	✓
2+46[32] M.H.#36 Page 36			4.27	221.16	New Hub ✓

9/22/32
Miller Walker Bliss

Prelim. Sewer.
from M.H. 63 New Location. To M.H. 63 of E. Line Fallon at Ivy St.
See Plat Page 43

Sta. 2 of End Existing Pipe = 5.E.

0+00 BM Page 58 Hub	H.49	185.71	4.49	181.22	M.H. 63 New Location	1+43.24	See page 58
chk Stub.			7.54	178.17 = 178.18	M.H. 63 Old "		
0+15			6.9	178.8	Bottom canyon	1+58.24	
0+60			5.4	180.3	" "	2+03.24	
0+90			3.7	182.0	" "	2+33.24	
1+16			0.6	185.1		2+59.24	
T.P.	13.00	197.61	1.10	184.61			
1+20			12.9	184.7	" "	2+63.24	
1+50			11.6	186.0	" "	2+93.24	
1+68			8.9	188.7		3+11.24	
1+75			5.1	192.5		3+18.24	
1+84			3.7	193.9		3+27.24	
2+00			5.3	192.3		3+43.24	
10' N. of Sta. 2+00 In Wash			7.3	190.3			
2+25			0.3	197.3		3+68.24	
T.P.	13.86	211.23	0.24	197.37			
2+42			10.3	200.9		3+86.24	
2+50			11.4	199.8		3+93.24	
13' N. of Sta 2+50 Bottom Wash.			16.6	194.6			
2+62. Toe of Fallon St. fill			9.6	201.6		4+05.24	
T.P.	12.74	223.13	0.84	210.39			
2+85			8.5	214.6		4+28.24	
2+97.35 M.H. 4' E. of Existing Pipe			3.91	219.22	on d Ivy St.	4+40.59	
4' N. of M.H.			0.11	223.02 = 222.97	F.L. Ex. 6" Page 48.	4+44.59	

10-6-32
Miller
Walker
Bliss

Sewer Cons
Gregory Felton & Ivy
Sketch Page 43

0	172.15					223.00			43.24	
						0.27			8	
						223.27			345.92	
						12.90			69.28	
00 = Ex M.H. & F.L. Main Line				159.31		210.37			72.74	
" " " " " Line to W.		5.55	166.60	161.28	+ 5.32	0.54				
	181.74					210.91			187.29	
0+50		11.90	169.84	165.28	+ 4.56	12.30			6.08	
				3.46		198.61			187.21	
1+00		5.09	176.65	169.28	+ 7.37	0.13				
	187.29					198.74			5.2	
1+43.24 M.H. #3 & Gregory		3.77	183.52	172.74	+ 10.78	12.97			182.1	
						185.77				
0+50		6.39	180.90	176.74	+ 4.16	1.52				
						187.29				
1+00		3.05	184.24	180.74	+ 3.50	6.07			1.2	
	198.74					181.22	Ctr Hole M.H. #3		180.1	
1+50		10.50	188.24	184.74	+ 3.50	0.52				
						181.74				
2+00		3.40	195.34	188.74	+ 6.60	12.30			165.04	
	210.91					169.44				
2+50 Brk.		8.67	202.24	192.74	+ 9.50	2.71				
	223.27					172.15				
2+97.35 D.M.H. & Ivy.		3.21	220.06	211.68	+ 8.38	Brk 4.18				
" " "		3.21	220.06	222.67	- 2.61	168.03				

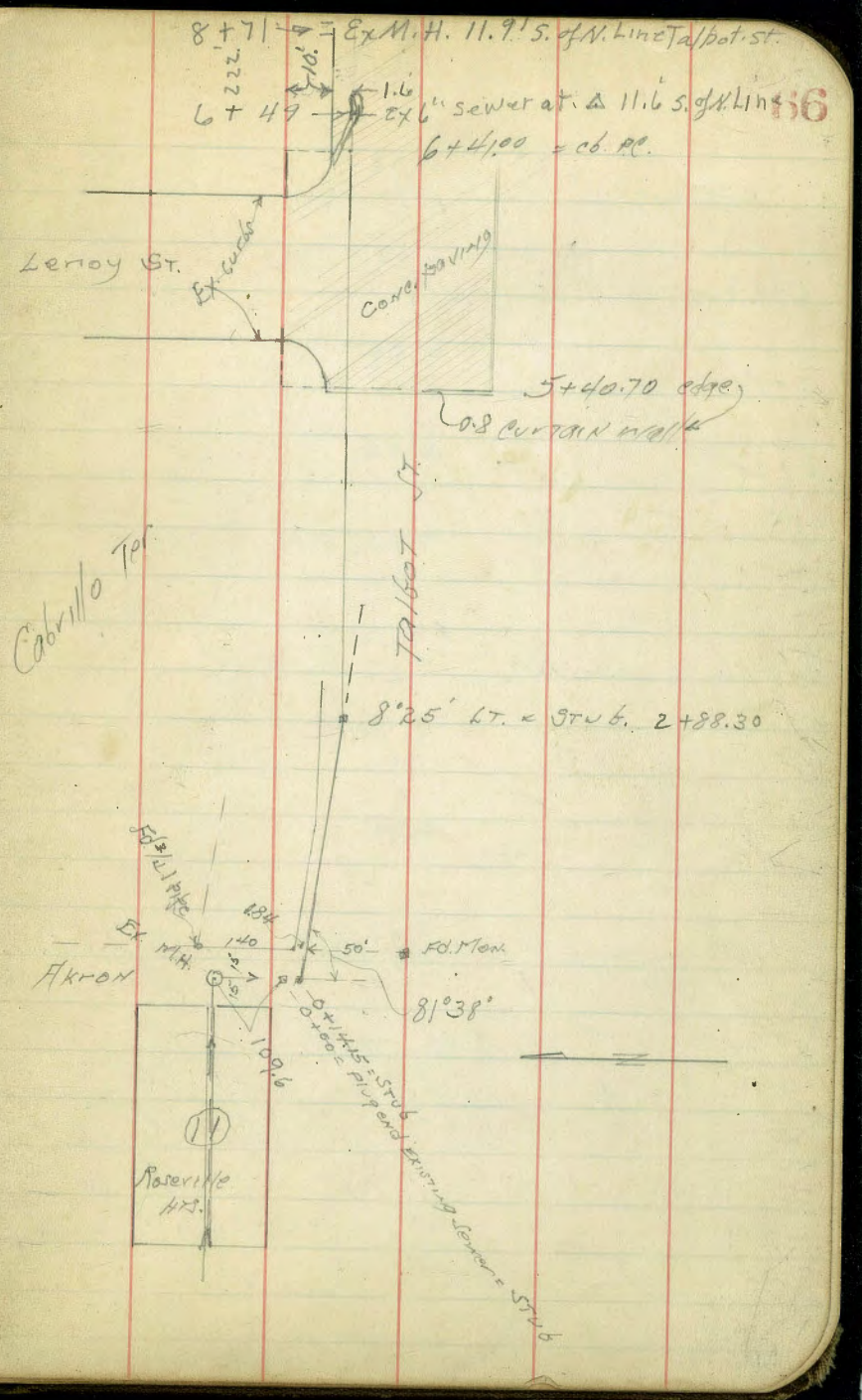
~~297.35~~
~~143.24~~
154.01

indexed
c.s.k.

Prel'm. Sewer levels on
Talbot Akron to Leroy.

Moore
Northern
I-35

page 67: level notes



1+54					
1+10					
0+90					
0+83					
0+50					
0+14.16	Δ on stub				
0+10					
0+09					
0+00	on stub	Akron & Talbot		Sr. on plug and Senior	
T.P.	7.87	108.84	0.43	100.97	
T.P.	11.92	101.40	0.00	89.48	
T.P.	12.68	89.48	0.37	76.80	
T.P.	12.51	77.17	0.21	64.66	
T.P.	13.10	64.87	6.49	51.77	Nail on Evergreen
Cañon & Evergreen	8.75	58.26		49.51	Sr. on P

Lt	℄	Rt.	
89.7		93.8	
wash 9.1		15.0	Top bank
91.6		91.2	
17.2		17.6	bot. wash
97.4			
11.2			
102.2			
6.6		Top bank	
103.7			
5.1		S/y. edge road	
105.90			
2.9+			
105.3			
3.5.		n/y. edge road	
106.8			
2.0			
106.7			
2.4			
108.84			

+ Talbot

2+25				
3+00				
2+8830 = A STUB				
2+80				
2+50				
2+25				
2+35				
2+30				
2+00				
1+80				
T.P.	1.88	98.32	12.40	96.44
1+60				
		108.84		

47	℄	RT.
84.7	85.8	
3.6	12.5	
Wash 3		
	86.1	
	12.5	
	85.9	
	12.44 = wash	
84.0	90.5	
12.3	7.8	
3		
86.2	89.8	92.1
12.1	8.5	6.4
wash 8		4 Top
	92.6	
	5.7	
	93.3	
	5.0 Top bank	
86.4	90.0	93.6
11.9	8.3	4.7
wash 6		4 Top bank
87.6	91.1	95.2
10.7	7.2	3.1
wash 4		4 Top "
88.2	93.4	95.9
10.1	4.9	2.1
wash 10		3 Top "
	98.32	
	3	
89.0	93.2	
12.8	5.6 = Top "	
wash 3		
	108.84	
	4	

98.32
12.44
85.88

Check to B.M.			8.78	49.54	49.51 / 0.03
T.P.	5.99	57.8	12.46	51.83	
T.P.	1.13	64.29	12.05	63.16	
6+41.0	approx. ℄ of Ex. Sewer from Levey N.T.				
6+00					
T.P.	0.39	75.2	12.11	74.8	
+40.7	Top Conc. curtain wall & pav				
5+00					
+75					
+50					
+25					
4+00					
T.P.	1.05	86.93	12.44	85.88	
3+50					
		98.37			

LT ℄ RT

69

Stn 6+49 = Existing 6" sewer at ± 11.6' from Property (F.L. Grade 65.00)

70.35 / 4.86 / 2.20

69.5
5.73 pav.

71.7
3.54 pav.

75.21 T

74.8
12.1

76.5
10.4 wash

77.8
9.1 wash

79.3
7.6 "

79.7
7.2 wash

81.2
5.7 wash

86.93 T

83.4
14.9 wash

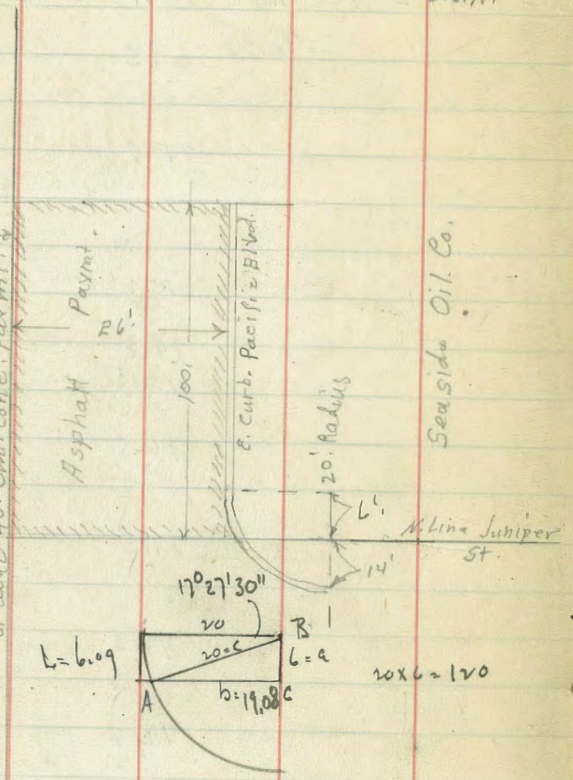
98.37 T

75.21 / 5.73 / 69.48

Area of Asphalt Pavmt. E. of 40' cmt. conc. Pavmt. on Pacific Blvd. N. of Juniper St.

8-24-35
Miller
Bliss.

Indexed
E.S.K.



20 x 6 = 120

100 x 26 = 2600.00
+1.96
2601.96 = Total Area.

Log B = a/c = L/20 = 0.7781513
1.3010300
9.4771213

Area Δ = 19.08 x 3 = 57.24
" Sector = 60.8
118.04

6 x 24 = 120
118.04
1.96

9-12-35
Miller
Walker
Bliss

Location Trees + improvements
Bet. Curb + walk on Imperial Ave
28th & 32nd Sts

N. Side Imperial Ave

0+00 = E. line 28th St

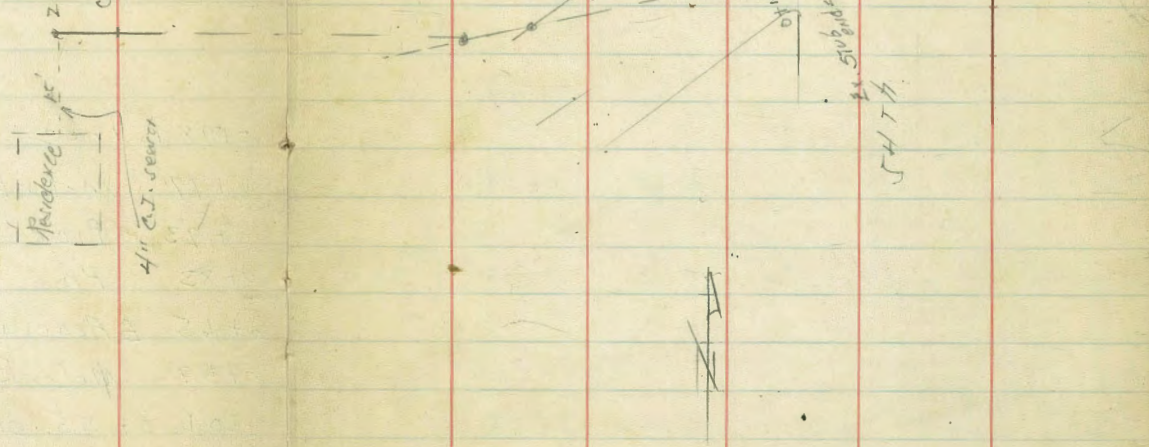
S. Side Imperial Ave.

0+98 to 1+02
0+97 Meter Box
0+93 Pine 2.5' High
0+83 Pine 2.5' High
0+65. B. Acacia 4" Diam.
0+59 Meter Box
0+50 to 0+55 cmt. walk
0+40 Elec Pole
0+35 Meter Box
0+21 to 0+25 cmt. walk
0+15 B Acacia 6" Diam
0+00 = E. line 28th St.

Moore
2-14-36

Sewer Location at
54th & Adams by Sewer Dept.
no stakes set for 706.

F.L. #19	14.0±	415.55		401.50 S.M.H.
PI M1	Top pav.		2.3±	
0+00	pav. = N/S 54th St.		3.2±	
0+13	Δ 21°,7 Rt.		5.1±	
1+11	Δ 12°,10 Rt		6.X	
2			8.8	
2+50±	ground		9.8	
" "	Top Cem. pipe Elbow.		10.2±	405.33



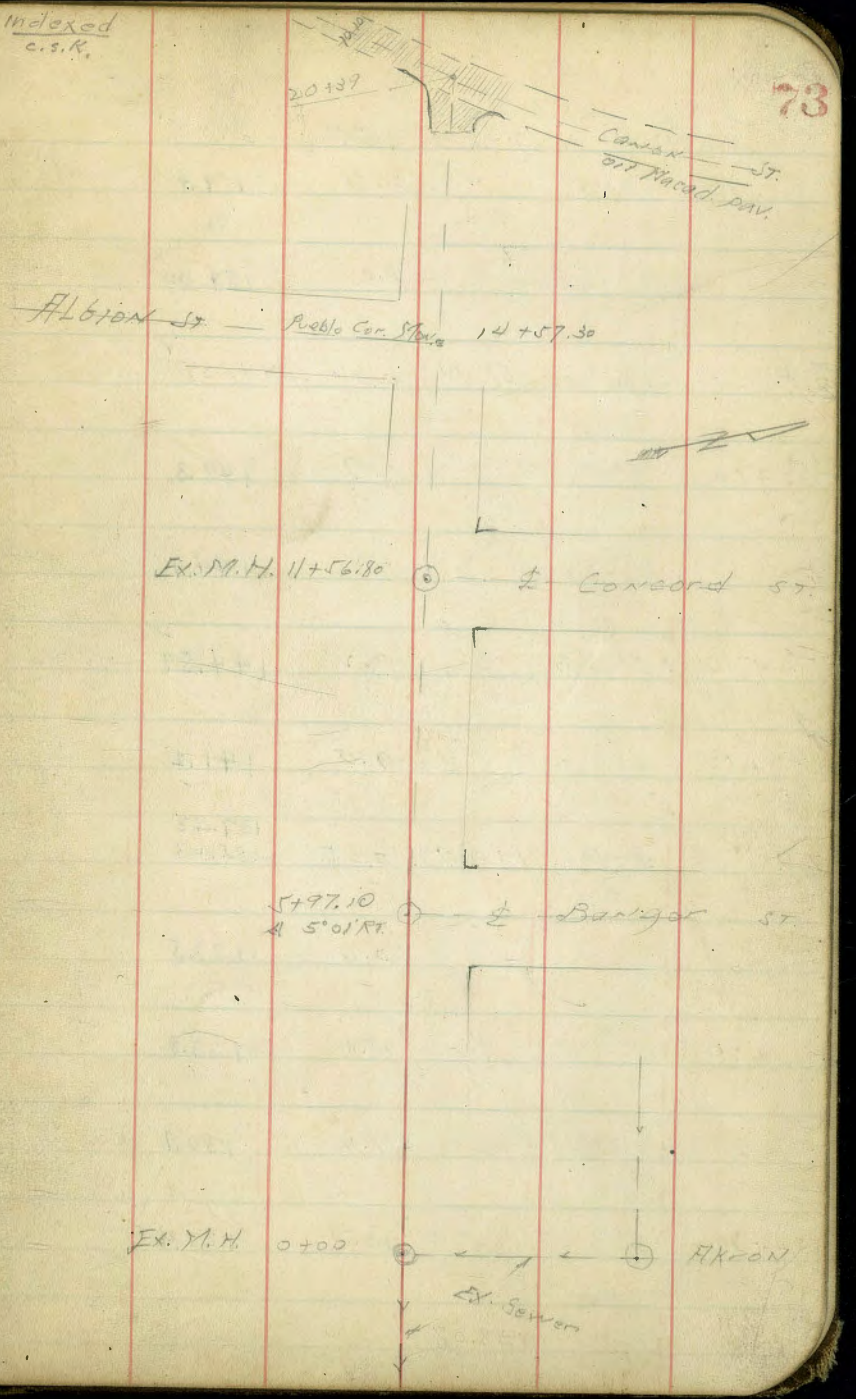
Sewer Levels
Talbot St.
Ex. M.H. on Akron To Canon St.

Moore 12-15-34

Indexed C.S.K.

T.P.	11.56	138.08	0.28	126.52 ✓
3			2.4	124.4
+50			5.5	121.3
7			8.4	118.4
+50			11.5	115.3
T.P.	12.77	126.80	0.78	114.03 ✓
1			2.8	112.0
+50			5.8	109.0
0+00 ℄ R.M. ST.M.			8.67	106.14
0+00 = Ex. M.H. on Akron. FL.			19.63	95.18 (See 2114 B 94.97)
T.P.	12.67	114.81	0.50	102.14 ✓
T.P.	12.79	102.64	0.62	89.85 ✓
T.P.	13.02	90.47	0.17	77.45 ✓
T.P.	13.11	77.62	0.52	64.51 ✓
N.W.B.P.	13.26	65.03		51.77

Talbot Evergreen



73

T.P.	12.82	174.26	0.55	161.44	
+50			4.6	159.4	
7			8.0	154.00	
T.P.	12.06	161.99	0.86	149.33	
+50			0.9	149.3	
6			5.3	144.9	
5+97.10	A 5°01' R		5.62	144.57	ON STUB
+50			9.0	141.2	
T.P.	12.76	150.19	0.65	137.43 ~~138.43~~	
5			0.6	137.5	
+50			4.3	133.8	
4			7.4	130.7	
3+50			10.7	127.4	
		138.08			

T.P.	12.92	224.28	0.52	211.36	
+25			1.2	210.7	
11			4.6	207.3	
T.P.	12.98	211.88	0.05	198.90	
+50			0.7	198.8	
10			8.9	190.7	
T.P.	12.95	199.55	0.26	186.60	
+50			3.7	183.2	
40' S of 9+00			12.7	174.2	H.I. of House
9			10.2	175.7	
T.P.	12.91	186.86	0.11	174.15	
+50			3.8	170.5	
8+00			9.5	164.8	
		174.26			

15		8.4	√15.9	
+57.3	on Mon. of Albion	7.25	217.03	
+57.3	ground	6.6	√17.7	
+50		6.3	√18.0	
14		4.6	√19.7	
+50		3.5	√20.8	
13		3.6	√20.7	
+50		5.1	√19.2	
12		7.1	√17.2	
+56.8	Bm 11.4.	10.20	√14.08	
+56.80	Ex. 11.4. F.L.	17.40	√06.88	
11+50		10.8	213.3	
	224.28			

20	par.		3.3	√32.9
+57	par		4.7	√31.6
+50			5.2	√31.1
19			9.4	√26.8
18	12.79	√36.24	0.83	223.45
+50			2.6	√21.7
18			6.6	√17.7
+50			9.7	√14.6
17			12.3	√12.0
+50			12.5	√11.8
16			12.0	√12.3
15+50			10.5	213.8
		224.28		

					✓ NWAP Catalina Santa Barbara	
T.P.			2.99	260.61	260.68	
					0.07	
T.P.	6.80	264.60	1.61	257.80		
T.P. Top N. end C.M.	13.21	259.41	0.75	246.20		
T.P. Head wall	11.93	246.95	1.72	235.02	20' S of 21+00	
20+39	approx. ℄ bar.		3.6	232.6		
		236.24				

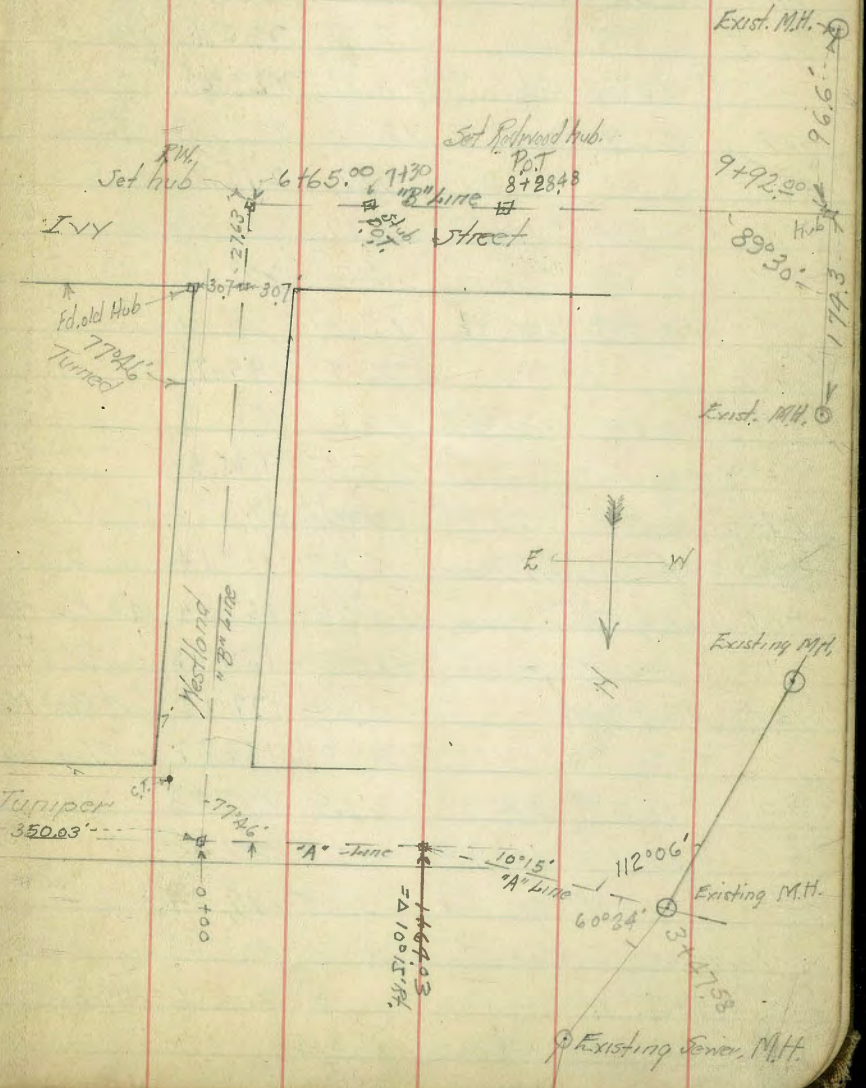
Walker
Bliss
1-26-38

Preliminary Sewer Levels
Westland Terrace
In Juniper, Westland, And Ivy streets

	1.34	267.77		266.43	S.W.S.P. Juniper + Commonwealth
		"B" Line Levels			
℄ Westland + North "B" Line Juniper = 0+00 on Hub.			9.54	258.23	13+08.03
+3.07 on ch.			9.50	V5 8.27	13+11.10
" " Paving			10.16	V5 7.61	"
+23.53 ℄ Juniper on pav.			9.87	V5 7.90	13+31.56
+53.24 56 " " "			10.08	V5 7.69	13+61.27
" " " " Ground			9.1	V5 8.7	"
+56			6.5	V61.3	13+64
1+00			5.8	V62.0	14+08
+50			6.1	V61.7	+58
2+00			6.8	V61.0	15+08
+50			7.3	V60.5	+58
3+00			7.3	260.5	16+08
T.P.	0.99	261.57	7.19	260.58	
+50			1.7	V59.9	+58
4+00			2.8	258.8	17+08
+50			4.5	V57.1	+58
5+00			6.5	V55.1	18+08
+50			8.5	V53.1	+58
6+00	(19+08.03)		12.1	V49.5	Const. Walk
T.P.	1.26	250.44	12.39	249.18	
+50	(19+58.03)		3.9	246.5	19+58
+65 on Hub Δ Rt.	(19+73.03) 77°46'		4.55	245.89	+73.03
7+00			1.6	V48.8	20+08

Continued on Page 78

Commonwealth Ave



"B" Line Levels
Continued from Page 77

		T 250.44			
7+30 = P.O.T. on Stake			2.76	247.68	20+38.03
+78			10.3	240.1	20+86.03 (See Book 1539 page 31)
T.P.	0.44	237.94	12.94	237.50	
8+25			7.8	230.1	
+28.48 = P.O.T. on Hub.			8.71	229.23	
T.P.	0.17	225.51	12.60	225.34	
8+75			9.7	215.8	
T.P.	0.40	213.52	12.39	213.12	
9+00			4.8	208.7	
T.P.	0.25	200.96	12.81	200.71	
+25			1.3	199.7	
T.P.	0.13	188.42	12.67	188.29	
9+80			12.5	175.9	
T.P.	2.03	177.97	12.48	175.94	F.L. 162.9V ?
9+92 = ℄ Existing Sewer			4.83	173.14	on Hub.
96.6' South of Above station			10.03	167.94	on Rim MH.
" " " 9+92 on Flow			18.85	159.12	" Flow Line
174.3' North of 9+92			0.69	177.28	on Rim MH.
" " " "			8.10	169.87	" Flow Line
T.P.	10.77	188.05	0.69	177.28	
T.P.	12.17	199.99	0.23	187.82	
T.P.	9.97	209.61	0.35	199.64	
Cht. S.E. B.P. Gregory + Juniper			3.13	206.48	
				206.56 = B.M. by Miller	
on Rim M.H 3+47.58 on "A" Line			14.41	195.20	

"A" Line Levels

78

					Elev. Hub 0+00 Page 77
℄ Westland on North 7' Line Juniper = 0+00	1.45	259.68		258.23	
+35			1.45	258.23	
3' Lt. on cb.			2.2	257.5	
			2.56	257.12	
0+50			3.8	255.9	
3' Lt. on cb.			3.95	255.73	
0+68			6.7	253.0	
3' Lt. on cb.			6.53	253.15	
1+00			11.5	248.2	
3' Lt. on cb.			11.27	248.41	
T.P.	0.45	247.27	12.86	246.82	
1+40			4.7	242.6	
3' Lt. on cb.			4.67	242.60	
1+64.03 on Hub. = △ Rt. 10°15'			7.85	239.42	14+72
7' Lt. on cb.			8.07	239.20	
1+95			11.1	236.2	N 7+03
T.P.	0.92	235.28	12.91	234.36	
2+20			9.7	225.6	N 7+28
T.P.	0.60	223.05	12.83	222.45	
+47			6.2	216.9	N 7+55
T.P.	1.67	212.02	12.70	210.35	
2+90			11.30	200.7	N 7+98
T.P.	0.55	199.92	12.65	199.37	
3+20			7.5	192.4	16+28
+23 = Bottom of ditch.			8.8	191.1	16+31

Cont. on Page 79

	W	E	
40 N	98.00	97.70	
40 N	96.30	96.00	
20 N	94.10	93.80	
10 N	92.90		
N. Line	91.70	91.25	
5 S	91.56	90.75	
16 S	91.42	90.50	

"A" Line Cont from Page 78

199.92

3+26	7.5	192.4	16+34
3+47.58 = Est. MH. on Ground	7.0	192.9	+55.6
3+47.58 on Rim MH.	4.67	195.25	
3+47.58 on Flow line	12.21	187.71	

Elev. of Rim M.H. P. 78 195.20

Error in circuit of levels = 0.05

M.H. 26 = 239.4

" 27 = 263.34

77 1/6

155-52

IMPROVED TABLES AND INFORMATION

124.60
226.60

35-36-131.90
226.60
53.38
279.98

11.70
2.34
14.04

109.6
1 V 1
123.71

13 | 8.46 .0357
39
70
65
50
39
11
11

.0357
1770

181-41-30
90-50-45

180
90-51
.09

181-08-30
90-51-45

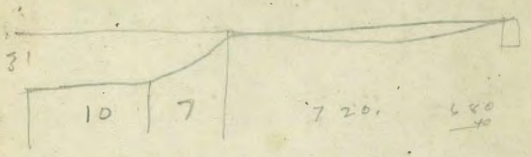
181-07-30
90-51

113.26
13.74
87-54-30

60.70
53
7.70

339.38
201.55
137.83

105-48
43-19
62-29

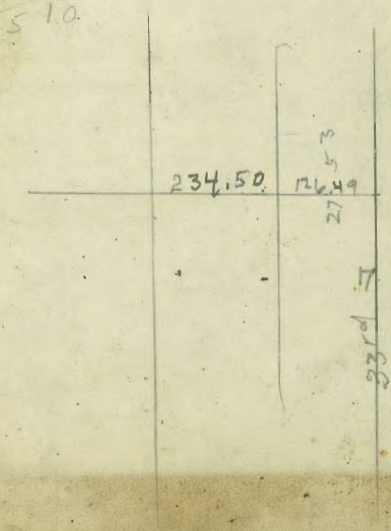


330.00
24.72
391.44

275
259-13
129
36-30

.0013
760 | .100
76
240
228

.0013
270
91
26
.3510



270
3
810