

APPENDIX A - TABLE E10.1: SITE SPECIFIC DESIGN CONDITIONS AND REPAIR REQUIREMENTS PRIOR TO PERFORMING SEWER LINING

Nassau Street N (Asset No. MA60020707)	
Combined Sewer	
Drawng Number	12798
Size / Shape	1350mm x 900mm Egg
Material Type	Brick
Total Length	99.1m
Maximum Sewer Depth to Invert	6.83m
Design Condition	Fully Deteriorated
Site Specific Repairs	
Location	Action Required
Distance From MH60017837 (m)	
17.8	Remove encrustation from pipe wall @ 3:00 to 5:00
17.8	Remove encrustation from pipe wall @ 7:00
31.7	Remove roots from connection @ 2:00
38.2	Remove encrustation from pipe wall @ 1:00 to 5:00
58.9	Sewer service grouting at connection @ 3:00
63.5	Remove encrustation from pipe wall @ 4:00
63.8	Sewer service grouting at connection @ 2:00
65.7	Sewer service grouting at connection @ 2:00
95.6	Sewer service grouting at connection @ 10:00
96.3	Remove encrustation from pipe wall @ 1:00 to 4:00
97.2	Remove encrustation from pipe wall @ 5:00

Nassau Street N (Asset No. MA60021607)	
Combined Sewer	
Drawng Number	12799
Size / Shape	900mm Circular
Material Type	Brick
Total Length	82.6m
Maximum Sewer Depth to Invert	7.03m
Design Condition	Fully Deteriorated ovality
Site Specific Repairs	
Location	Action Required
Distance From MH60018446 (m)	
0.5 to 0.8	Remove roots from pipe wall @ 7:00
6.7	Remove encrustation at connection @ 11:00
6.7	Sewer service grouting at connection @ 11:00
17.9	Remove encrustation from pipe wall @ 7:00
19.6	Concrete patch sewer wall @ 10:00
23.2 to 23.4	Remove encrustation from pipe wall @ 7:00
23.4	Sewer service grouting at connection @ 2:00
25.5	Remove intruding service connection @ 11:00
25.5	Sewer service grouting at connection @ 11:00
27.6	Remove encrustation from pipe wall @ 9:00
30	Remove roots at connection at 10:00
38.1	Remove encrustation at connection @ 11:00
38.1	Sewer service grouting at connection @ 11:00
42.6 to 42.9	Remove encrustation from pipe wall @ 9:00
42.9	Sewer service grouting at connection @ 10:00
57.6	Remove roots at connection at 11:00
57.6	Sewer service grouting at connection @ 11:00
58	Remove roots at connections at 9:00 and 3:00
78.1 to 79.8	Remove encrustation from pipe wall @ 12:00 to 10:00
79.5	Remove encrustation at connection @ 2:00

Nassau Street N (Asset No. MA60021606)	
Combined Sewer	
Drawng Number	12800
Size / Shape	900mm Circular
Material Type	Brick
Total Length	16.1m
Maximum Sewer Depth to Invert	6.7m
Design Condition	Fully Deteriorated ovality
Site Specific Repairs	
Location	Action Required
Distance From MH60018446 (m)	
11.4	Concrete patch sewer wall @ 8:00
11.4 to 12.0	Concrete patch sewer wall @ 4:00 to 5:00

River Avenue (Asset No. MA60020232) Combined Sewer	MH at Cauchon St (MH60017500) to 1st MH E of Scott St (MH60017478)
Drawng Number	12801
Size / Shape	1350mm x 900mm Egg
Material Type	Brick
Total Length	36.9m
Maximum Sewer Depth to Invert	7.96m
Design Condition	Fully Deteriorated
Site Specific Repairs	
Location	Action Required
Distance From MH60017500 (m)	
3.7m	Remove encrustation at connection @ 12:00

River Avenue (Asset No. MA60020227) Combined Sewer	MH at Cauchon St (MH60017500) to MH at Lewis St (MH60017497)
Drawng Number	12802
Size / Shape	1350mm x 900mm Egg
Material Type	Brick
Total Length	85.1m
Maximum Sewer Depth to Invert	7.59
Design Condition	Fully Deteriorated
Site Specific Repairs	
Location	Action Required
Distance From MH60017500 (m)	
10.9	Remove encrustation at connection @ 2:00
13.2	Remove intruding service connection @ 11:00
17.7	Remove roots from pipe wall @ 9:00
18.3	Remove roots from pipe wall @ 3:00
58.8	Remove encrustation from pipe wall @ 8:00
59	Remove encrustation at connection @ 10:00
77.6	Remove encrustation at connection @ 2:00
83.5 to 83.9	Concrete patch sewer wall @ 2:00 to 4:00

River Avenue (Asset No. MA60020251) Combined Sewer	MH at Lewis St (MH60017497) to MH at Clarke St (MH60017519)
Drawng Number	12803
Size / Shape	1350mm x 900mm Egg
Material Type	Brick
Total Length	85.7m
Maximum Sewer Depth to Invert	7.35m
Design Condition	Fully Deteriorated
Site Specific Repairs	
Location	Action Required
Distance From MH60017497 (m)	
5.8	Remove encrustation at connection @ 2:00
29.2	Remove displaced bricks and Concrete Patch Sewer wall @ 3:00
29.2	Remove intruding service connection @ 10:00
29.2	Sewer service grouting at connection @ 10:00
49.5	Remove encrustation at connection @ 2:00
49.5	Sewer service grouting at connection @ 2:00
60.8	Remove displaced bricks and Concrete Patch Sewer wall @ 4:00
79.2	Remove encrustation from pipe wall @ 10:00 to 6:00

River Avenue (Asset No. MA60020408) Combined Sewer	MH at Mayfair Pl (MH60017624) to MH at Clarke St (MH60017519)
Drawng Number	12804
Size / Shape	1500mm x 900mm Egg
Material Type	Brick
Total Length	89.0m
Maximum Sewer Depth to Invert	7.24
Design Condition	Fully Deteriorated ovality
Site Specific Repairs	
Location	Action Required
Distance From MH60017519 (m)	
9.1	Remove intruding service connection @ 1:00
15.4	Remove intruding service connection @ 9:00
16	Concrete patch sewer wall @ 1:00 to 3:00
16.5	Remove encrustation at connection @ 10:00
16.5	Remove encrustation at connection @ 2:00
20.5	Remove encrustation at connection @ 11:00
27.1	Remove encrustation at connection @ 2:00
27.1	Remove encrustation from pipe wall @ 5:00
31.9 to 33.5	Remove encrustation from pipe wall @ 6:00 to 9:00
41.8	Remove encrustation at connection @ 10:00

41.8	Remove encrustation from pipe wall @ 6:00 to 10:00
77.7	Sewer service grouting at connection @ 3:00
77.7 to 79.3	Remove encrustation from pipe wall @ 2:00 to 6:00
79.4	Remove encrustation at connection @ 10:00
85	Sewer service grouting at connection @ 2:00
86.4	Remove encrustation at connection @ 2:00

River Road (Asset No. MA60020333)	MH at Arctic St (MH60017564) to 1st MH E of Arctic St (MH60017577)
Combined Sewer	
Drawng Number	12805
Size / Shape	1500mm x 1000mm Egg
Material Type	Brick
Total Length	76.2m
Maximum Sewer Depth to Invert	6.65
Design Condition	Fully Deteriorated
Site Specific Repairs	
Location	Action Required
Distance From MH60017564 (m)	
0.0 to 3.6	Remove encrustation from pipe wall @ 3:00 to 5:00
1.1 to 2.0	Remove encrustation from pipe wall @ 7:00 to 9:00
5.0 to 7.0	Remove encrustation from pipe wall @ 3:00 to 5:00
5.0 to 7.0	Remove encrustation from pipe wall @ 7:00 to 9:00
9.3	Remove encrustation from pipe wall @ 7:00
10.1	Sewer service grouting at connection @ 2:00
10.1 to 19.7	Remove encrustation from pipe wall @ 3:00 to 5:00
29.6	Remove encrustation from pipe wall @ 4:00
33.4 to 38.2	Remove encrustation from pipe wall @ 3:00 to 5:00
42.3	Sewer service grouting at connection @ 10:00
43.1 to 46.0	Remove encrustation from pipe wall @ 5:00
48.5	Remove intruding service connection @ 9:00
48.9	Remove intruding service connection @ 2:00
63.7	Remove intruding service connection @ 9:00
63.7	Remove encrustation at connection @ 9:00
95.6	Remove intruding service connection @ 9:00