

APPENDIX A (R1) - TABLE E14.1: SITE SPECIFIC DESIGN CONDITIONS AND REPAIR REQUIREMENTS PRIOR TO PERFORMING SEWER LINING

Roblin Boulevard (Asset No. MA60003262)	MH at Pepperloaf Crescent (WPL) (MH60002383) to MH at Pepperloaf Crescent (EPL) (MH60002382)
Land Drainage Sewer	
Drawng Number	12809
Size / Shape	600mm x 375m arch
Material Type	Corrugated Metal
Total Length	25.3m
Maximum Sewer Depth to Invert	0.93m
Design Condition	Fully Deteriorated
Site Specific Repairs	
Location	Action Required
Distance From MH60002383 (m)	

Kelvin Boulevard (Asset No. MA60004513)	2nd MH N of Mountbatten Ave (MH60003309) to 4th MH N of Mountbatten Ave (MH60003302)
Land Drainage Sewer	
Drawng Number	12810
Size / Shape	750mm circular
Material Type	Concrete
Total Length	98.5m
Maximum Sewer Depth to Invert	3.33m
Design Condition	Fully Deteriorated Ovality 5%
Site Specific Repairs	
Location	Action Required
Distance From MH60003309 (m)	
7.1	Remove encrustation from pipe wall @ 12:00
9.5	Caution 150 WWS service running through crown of pipe
56	Caution 150 WWS service running through crown of pipe
56.2	Remove encrustation from pipe wall @ 5:00 to 6:00
75	Remove roots from pipe joint
98.3	Remove encrustation/solid debris from invert

Harrow Street (Asset No. MA60010601)	Manhole at Corydon Avenue (MH60008886) to Node at Jessie Avenue
Combined Sewer	
Drawng Number	12811
Size / Shape	1200mm x 900mm Egg
Material Type	Concrete
Total Length	101.8m
Maximum Sewer Depth to Invert	7.76m
Design Condition	Fully Deteriorated
Site Specific Repairs	
Location	Action Required
Distance From MH60008886 (m)	
5.7	Remove encrustation from pipe wall @ 5:00
21.1	Remove encrustation from pipe wall @ 5:00 to 6:00
31.8	Remove intruding service connection @ 10:00
33.6	Remove intruding service connection @ 12:00
56.5	EPR - Repair CB Connection @ 2:00 and fill void
61.4	Remove encrustation from pipe wall @ 5:00 to 7:00
74.2	Remove encrustation at connection @ 2:00

Jessie Avenue (Asset No. MA60009512)	MH at Harrow St (MH60007892) to MH at Stafford Street (MH60007946)
Combined Sewer	
Drawng Number	12812
Size / Shape	1800mm x1350 Egg
Material Type	Concrete
Total Length	174.0m
Maximum Sewer Depth to Invert	7.76m
Design Condition	Fully Deteriorated
Site Specific Repairs	
Location	Action Required
Distance From MH60007892 (m)	
0.0 to 1.0	Remove encrustation from pipe wall @ 7:00
56.6	Remove encrustation from pipe wall @ 6:00 to 8:00
63.8	Remove encrustation at connection @ 10:00
71.8	Remove roots at connection @ 2:00
79.8	Remove encrustation at connection @ 10:00
88	Remove encrustation at connection @ 2:00
88.2	Remove encrustation from pipe wall @ 9:00
102.6	Remove encrustation from pipe wall @ 7:00
114.3	Remove intruding service connection @ 2:00

128.9	Remove encrustation from pipe wall @ 7:00
136	Remove encrustation from pipe wall @ 7:00
157.8	Remove encrustation at connection @ 10:00
162.3	Remove intruding service connection @ 2:00

Pembina Highway (Asset No. MA60017337) Land Drainage Sewer	1st MH N of McGillivray Boulevard (MH60014965) to 1st MH N of Riverwood Ave (MH60014958)
Drawng Number	12813
Size / Shape	600mm Circular
Material Type	Concrete
Total Length	106.5m
Maximum Sewer Depth to Invert	3.05m
Design Condition	Fully Deteriorated Ovality 5%
Site Specific Repairs	
Location	Action Required
Distance From MH60014965 (m)	
0.0 to 105.3	Remove roots and enrustation from Joints (84 joints in total)
6.4	Remove intruding service connection @ 9:00
34	Remove encrustation at connection @ 2:00
40.4 to 43.6	EPR - watermain to be re-graded below LDS and LDS to be repaired
49.9	Remove roots at service connection @ 10:00
87	Remove intruding service connection @ 9:00
90.2	Remove intruding service connection @ 3:00

Riviera Avenue (Asset No. MA70028394) Land Drainage Sewer	MH at Pembina Highway (MH60015788) to MH at Riviera Crescent (MH70010295)
Drawng Number	12814
Size / Shape	1825mm Circular
Material Type	Concrete
Total Length	64m
Maximum Sewer Depth to Invert	8.63m
Design Condition	Fully Deteriorated Ovality 5%
Site Specific Repairs	
Location	Action Required
Distance From MH60015788 (m)	
45.2 to 47.5	Fill void internally @ 5:00 to 6:00
53.5	Remove roots at connection @ 2:00