

Appendix B - Design Conditions

Sewer Details														Max Depth (m)	Min Cover (m)	Pre EPR Ovality	EPR Required	Post EPR Ovality	PD/FD ¹	
DWG	Sheet	Sewer Asset	Street Name	Location	Manholes				Length	Size		Shape	Flow Type							Material
					Upstream	Depth	Downstream	Depth		Height	Width									
12265	1	S-MA00017553	AIKINS ST	MH AT HARTFORD AV TO MH AT PERTH AV	S-MH00010115	5.98	S-MH00009976	6.00	97.8	750		CIRCULAR	COMBINED	CO-CONCRETE	6.00		2%	No		FD
12266	2	S-MA00012214	BANNERMAN AV	1ST MH E OF ROBERTSON ST TO MH AT AIRLIES ST	S-MH00010551	5.50	S-MH00010588	6.04	80.6	600		CIRCULAR	COMBINED	CO-CONCRETE	6.04		2%	No		FD
12267	3	S-MA70012139	MCPHILLIPS ST WPL	MH N OF UNDERPASS TO 1ST MH S OF UNDER PASS	S-MH70004867	4.88	S-MH70004868	-	95.3	600		CIRCULAR	SANITARY	ST-STEEL	4.88		3%	No		FD
12268	4	S-MA70012140	EASEMENT(N OF HIGGINS AV)	1ST MH E OF MCPHILLIPS ST - MH@MC PHILLIPS ST(WP	S-MH70004868	-	S-MH70066235	5.64	78.6	600		CIRCULAR	COMBINED	VC-VITRIFIED CLAY	5.64	1.30	9%	PROVISIONAL	4%	FD
12269	5	S-MA20018718	SHERBROOK ST	MH AT ALEXANDER AV (N PL) TO SEWER T AT LOGAN AV	S-MH20016778	4.54	S-TE20007420	BLIND TEE	109.2	600		CIRCULAR	COMBINED	BR-BRICK	4.54		6%	No		FD
12270	6	S-MA20017229	ELLICE AV	MH AT INGERSOLL ST TO JUNCTION AT LIPTON ST	S-MH20015458	8.30	S-TE20006214	BLIND TEE	79.2	750/900*		CIRCULAR	COMBINED	VC-VITRIFIED CLAY	8.30		5%	No		FD
12271	7	S-MA70033476	ELLICE AV	MH AT INGERSOLL ST(W CL) TO MH AT INGERSOLL ST (CL)	S-MH70011775	8.20	S-MH20015458	8.30	7.2	750		CIRCULAR	COMBINED	CO-CONCRETE	8.30		7%	No		FD
12272	8	S-MA70033475	ELLICE AV	MH AT SHERBURN ST TO MH AT W PL INGERSOLL ST	S-MH20015340	7.73	S-MH70011775	8.01	73.0	750		CIRCULAR	COMBINED	CT-CLAY TILE	8.01		12%	No		FD
12273	9	S-MA20009654	ELLICE AV	MH AT DOMINION ST TO MH AT GARFIELD ST	S-MH20008825	7.03	S-MH20008848	7.42	84.0	600		CIRCULAR	COMBINED	VC-VITRIFIED CLAY	7.42		4%	No		FD
12274	10	S-MA20009441	ST MATTHEWS AV	1ST MH W OF DOMINION ST TO MH AT DOMINION ST	S-MH20008634	N/A	S-MH20008635	6.74	45.9	600		CIRCULAR	COMBINED	CO-CONCRETE	6.74		7%	No		FD
12275	11	S-MA20009763	SANFORD ST S	1ST MH S OF ST MATTHEWS AV TO MH AT ST MATTHEWS AV	S-MH20008928	5.13	S-MH20008927	4.91	36.2	750		CIRCULAR	COMBINED	CO-CONCRETE	5.13		6%	No		FD
12276	12	S-MA20007628	ST MATTHEWS AV	MH AT PARKVIEW ST TO MH AT ROSEBERRY ST	S-MH20007033	4.80	S-MH20006979	5.39	90.1	750		CIRCULAR	COMBINED	CO-CONCRETE	5.39		8%	No		FD
12277	13	S-MA20007627	ST MATTHEWS AV	MH AT ROSEBERRY ST TO MH AT COLLEGIATE ST	S-MH20006979	5.39	S-MH20006978	6.29	89.9	750		CIRCULAR	COMBINED	CO-CONCRETE	6.29		9%	No		FD
12278	14	S-MA20005155	LODGE AV	MH AT HARMON TO MH AT MOORGATE ST (W PL)	S-MH20004718	5.70	S-MH20004782	7.20	170.3	900		CIRCULAR	COMBINED	CO-CONCRETE	7.20		8%	No		FD
12279	15	S-MA60003590	VIALOUX DR N PL	1ST MH W OF MONARCH MEWS TO TE E OF MONARCH MEWS	S-MH60002599	2.55	S-TE60001092	BLIND TEE	20.4	750		CIRCULAR	STORM	CO-CONCRETE	2.55		2%	No		PD
12280	16	S-MA60008616	MONTROSE ST	3RD MH N OF CORYDON AV TO MH AT GROSVENOR AV (CL)	S-MH60007050	4.75	S-MH60007045	5.70	91.4	600*		CIRCULAR	COMBINED	VC-VITRIFIED CLAY	5.70		20%	Yes	11%	FD
12281	17	S-MA60011130	OXFORD ST	1ST MH S OF CORYDON AV TO 2ND MH S OF CORYDON AV	S-MH60009425	3.28	S-MH60009404	3.72	100.7	600		CIRCULAR	COMBINED	VC-VITRIFIED CLAY	3.72		4%	No		FD
12282	18	S-MA60011099	CAMBRIDGE ST	1ST MH S OF POSEIDON BY TO MH AT POSEIDON BY	S-MH60009375	3.95	S-MH60009387	4.10	100.1	600		CIRCULAR	COMBINED	CO-CONCRETE	4.10		13%	No		FD
12283	19	S-MA50001861	KINGSTON CR (W.LEG)	1STMHNOF KINGSTONCR(SLEG)TO2NDMH WOF RIVERDALEAV	S-MH50001628	2.55	S-MH50001629	2.60	93.3	600		CIRCULAR	COMBINED	VC-VITRIFIED CLAY	2.60		7%	No		FD
12284	20	S-MA50001846	KINGSTON CR (NLEG)	1ST MH E OF RIVERDALE AVE- 2NDMH E OF RIVERDALE	S-MH50001612	2.90	S-MH50001613	2.92	153.5	900	600	EGG	COMBINED	CO-CONCRETE	2.92		2%	No		FD
12285	21	S-MA50014097	RUE DES MEURONS EPL	MH@DUNRAVEN AV-1STMH S OF DUNRAVEN AV	S-MH50011265	1.55	S-MH50011262	1.70	54.6	600		CIRCULAR	STORM	CO-CONCRETE	1.70		2%	No		FD
12286	22	S-MA50005448	ELIZABETH RD	1ST MH E OF BLEAU AVE TO MH AT SPEERS RD	S-MH50004661	4.10	S-MH50004662	4.55	105.5	600		CIRCULAR	COMBINED	CO-CONCRETE	4.55		12%	No		FD
12287	23	S-MA00018268	SUTHERLAND	MH AT SYNDICATE TO 1ST MH W OF SYNDICATE	S-MH00014067	3.00	S-MH00014066	3.10	19.1	900/1100*		CIRCULAR	COMBINED	CO-CONCRETE	3.10		4%	No		FD
12288	24	S-MA70030750	SUTHERLAND	1ST MH W OF SYNDICATE TO MH AT ANNABELLA	S-MH00014066	3.10	S-MH00012506	3.65	202.3	1100		CIRCULAR	COMBINED	CO-CONCRETE	3.65		4%	No		FD
12289	25	S-MA00013978	SUTHERLAND	MH AT GOMEZ ST N TO MH AT ANNABELLA ST	S-MH00012506	3.65	S-MH00012545	3.95	166.1	1100		CIRCULAR	COMBINED	CO-CONCRETE	3.95		4%	No		FD
12290	26	S-MA00014038	SUTHERLAND	1ST MH E OF GOMEZ TO MH AT EUCLID	S-MH00012545	3.95	S-MH00012518	5.30	179.7	1100		CIRCULAR	COMBINED	CO-CONCRETE	5.30		4%	No		FD
12291	27	S-MA00013929	SUTHERLAND	MH AT SUTHERLAND ST TO MH AT DISRAELI ST	S-MH00012518	5.30	S-MH00012444	6.20	182.4	1100		CIRCULAR	COMBINED	CO-CONCRETE	6.20		4%	No		FD
12292	28	S-MA00013932	SUTHERLAND	MH AT MAPLE ST N TO MH AT MEADE ST N	S-MH00012444	6.20	S-MH00012426	6.50	185.1	1100		CIRCULAR	COMBINED	CO-CONCRETE	6.50		4%	No		FD
12293	29	S-MA00013937	SUTHERLAND	1ST MH W OF MAPLE TO MH AT MAIN	S-MH00012426	6.50	S-MH20017433	6.60	183.4	1100		CIRCULAR	COMBINED	CO-CONCRETE	6.60		4%	No		FD
12294	30	S-MA70018583	BANNATYNE AV	2ND MH E OF RORIE ST TO MH AT SHIP ST (E OF CL)	S-MH20014685	6.50	S-MH70028271	6.15	68.0	1125		CIRCULAR	COMBINED	CT-CLAY TILE	6.50		10%	No		FD
12287	23	S-MA00015839	SUTHERLAND	MH AT SYNDICATE ST TO 1ST MH W OF HIGGINS AV	S-MH00014105	2.95	S-MH00014067	3.00	228.2**	900		CIRCULAR	COMBINED	CO-CONCRETE	3.00		4%	No		FD

* Diameter Change Identified

** Manhole to Manhole measured length. Approximately 40 m of sewer upstream of S-MH00014067 may be lined at the Contractor's discretion in order to facilitate construction