

Appendix B - Design Conditions

Sewer Details														Design Conditions				
DWG	Sewer Asset	Street Name	Location	Manholes				Length	Size		Shape	Flow Type	Material	Installation of New MH's	Max Depth	Pre EPR Ovality	Post EPR Ovality	PD/FD ¹
				Upstream	Depth	Downstream	Depth		Height	Width								
11436	S-MA60011873	STAFFORD ST	2ND MH N OF PEMBINA HW TO 3RD MH N OF PEMBINA HW	S-MH60010093	3.58	S-MH60010104	3.46	45.2	300		CIRC.	COMBINED	CO-CONCRETE		3.58	9%		FD
11437	S-MA60011879	PEMBINA HW (CL)	1ST NODE S OF STAFFORD ST TO MH AT STAFFORD ST	NEW MH REQD	New MH	S-MH60010098	3.46	31.0	300		CIRC.	COMBINED	VC-VITRIFIED CLAY	By Others	3.46	3%		FD
11438	S-MA60012338	NASSAU ST S	1ST MH S OF MCNAUGHTON AV TO MH AT MCNAUGHTON AV	S-MH60010534	1.95	S-MH60010544	2.74	48.2	300		CIRC.	COMBINED	VC-VITRIFIED CLAY		2.74	4%		FD
11439	S-MA60013175	RIVERWOOD AV	1ST MH E OF LYON ST TO MH AT LYON ST	S-MH60011365	1.95	S-MH60011316	3.57	106.4	300		CIRC.	STORM	CO-CONCRETE		3.57	15%		FD
11440	S-MA60014188	SHORECREST DR W LEG	MH AT PARK ROYAL BY N LEG TO MH AT PARK ROYAL BY	S-MH60012088	4.49	S-MH60012066	4.30	98.4	250		CIRC.	SANITARY	CO-CONCRETE		4.49	3%		FD
11441	S-MA60016365	MARKHAM RD	1ST MH SW OF PEMBINA HW TO MH AT PEMBINA HW	S-MH60013702	4.33	S-MH60014085	4.72	91.4	250		CIRC.	SANITARY	CO-CONCRETE		4.72	8%		FD
11442	S-MA60016625	CHANCELLOR DR	MH@SWAN LAKEBY(ELG)TO1STMH E OF SWAN LAKEBY(ELG)	S-MH60014313	6.82	S-MH60014298	7.68	61.3	300		CIRC.	SANITARY	AC-ASBESTOS CEMENT		7.68	7%		FD
11443	S-MA60017376	RADISSON AVE	1ST MH E OF PEMBINA HWY TO MH AT PEMBINA HWY	S-MH60014999	2.33	S-MH60015041	2.54	97.9	200		CIRC.	SANITARY	CO-CONCRETE		2.54	5%	5%	FD
11444	S-MA60018276	BOSTON AVE	1ST MH W OF PEMBINA HWY TO MH AT PEMBINA HWY	S-MH60015840	4.04	S-MH60015839	4.24	29.0	200		CIRC.	SANITARY	CO-CONCRETE		4.24	7%		FD
11445	S-MA60019752	DALHOUSIE DR	MH@ KILLARNEY AV (NPL)TO MH @ KILLARNEY AV (SPL)	S-MH60017148	4.63	S-MH60017151	6.24	20.2	250		CIRC.	SANITARY	CO-CONCRETE		6.24	7%		FD
11446	S-MA60019836	MACALESTER BAY (S LEG)	MH@ MACALESTER BY (ELG)TO MH@ MACALESTER BY(WLG)	S-MH60017267	2.61	S-MH60017235	2.55	85.5	200		CIRC.	SANITARY	CO-CONCRETE		2.61	7%		FD
11447	S-MA60019853	FORDHAM BAY (N LEG)	1ST MH E OF CORNELL DR TO MH AT CORNELL DR	S-MH60017307	2.88	S-MH60017272	2.84	70.1	200		CIRC.	SANITARY	CO-CONCRETE		2.88	6%		FD
11448	S-MA60020048	PEMBINA HWY (W PL)	2ND MH S OF BISON DR - 3RD MH S OF BISON DR	S-MH60017404	3.12	S-MH60017416	3.49	90.9	300		CIRC.	SANITARY	CO-CONCRETE		3.49	5%		FD
11449	S-MA60020935	PRESCOT RD	MH AT RYERSON AV - 1ST MH W OF RYERSON AV	S-MH60017984	2.62	S-MH60017985	2.97	41.3	200		CIRC.	SANITARY	CO-CONCRETE		2.97	8%		FD
11450	S-MA60022273	CLOUTIER DR	MH AT STORMONT TO 1ST MHE OF STORMONT	S-MH60018711	4.91	S-MH60018720	5.18	50.7	250		CIRC.	SANITARY	CO-CONCRETE		5.18	7%		FD
11451	S-MA60022955	EASEMENT E OF HOUDE DR E LEG	MH AT HOURDE DR N LEG TO NODE E OFHOUDE DR E LEG	S-MH60019261	2.15	S-MH60019262	New MH	41.4	450		CIRC.	STORM	CO-CONCRETE	By Contractor	2.15	2%		FD
11452	S-MA60023190	LE MAIRE ST	2NDMH S OF DUCHARME AV TO 1STMH S OF DUCHARMEAV	S-MH60019448	2.45	S-MH60019128	2.73	109.1	200		CIRC.	SANITARY	CO-CONCRETE		2.73	4%		FD
11453	S-MA60023243	DE LA DIGUE AV	MH @ PEMBINA HWY - 1ST MH E PEMBINA HWY	S-MH60019492	6.86	S-MH60018700	6.55	73.4	250		CIRC.	SANITARY	CO-CONCRETE	By Contractor	6.86	3%		FD
11454	S-MA60023777	HOLLY AV	1ST MH E SOUTH DR - MH @ SOUTH DR	S-MH60015295	3.60	S-MH60015280	6.14	64.1	200		CIRC.	SANITARY	VC-VITRIFIED CLAY		6.14	14%		FD
11455	S-MA70004357	RIVER AV [N OF CL]	MH AT CLARKE ST TO MH AT DONALD ST	S-MH70005718	2.68	S-MH70051699	3.09	182.6	600		CIRC.	SANITARY	CO-CONCRETE		3.09	2%		FD
11456	S-MA70008293	OAKWOOD AV (CL)	3RD MH E OF OSBORNE ST - MH AT HAY ST (WPL)	S-MH60007223	4.04	S-MH70003342	4.81	61.9	300		CIRC.	COMBINED	VC-VITRIFIED CLAY		4.81	10%		FD
11457	S-MA70014493	BOREBANK ST	4TH MH N OF KINGSWAY (CL) TO MH AT ACADEMY RD	S-MH60005474	4.77	S-MH60005476	8.00	96.8	450		CIRC.	COMBINED	CO-CONCRETE		8.00	7%		FD
11458	S-MA70015216	ACADEMY RD	MH AT ELM ST (CL) TO MH AT ELM ST (W OF CL)	S-MH60005775	6.56	S-MH70006204	6.42	7.0	750		CIRC.	COMBINED	CO-CONCRETE		6.56	4%		FD
11459	S-MA70016431	ARCHIBALD ST	1ST MH S OF ELIZABETH RD TO MH AT ELIZABETH RD	S-MH70006532	3.16	S-MH50008678	3.47	88.0	450		CIRC.	COMBINED	CO-CONCRETE		3.47	3%		FD
11460	S-MA70032297	BLENHHEIM AV	1ST MH E OF OVERTON ST - 1ST MH E OF ST ANNES	S-MH50012513	3.80	S-MH50012514	4.18	112.7	300		CIRC.	SANITARY	VC-VITRIFIED CLAY		4.18	5%	5%	FD
11461	S-MA70055226	HASTINGS BV	1ST MH E OF DUNKIRK DR-MH AT DUNKIRK DR(EPL)	S-MH70024646	2.72	S-MH50009988	3.00	85.0	300		CIRC.	SANITARY	CO-CONCRETE		3.00	8%	8%	FD
11462	S-MA70069673	CUNNINGTON AV	3RD MH W OF STMARY'S RD TO 2ND MHW OF ST MARY'SRD	S-MH70046037	5.77	S-MH70032852	5.65	81.1	600		CIRC.	COMBINED	VC-VITRIFIED CLAY		5.77	12%		FD
11463	S-MA70019746	BARKER BV	1ST MH S LIFT - NODE @ LIFT STATION	S-MH70011894	8.43	PS00000302	8.49	13.3	300		CIRC.	SANITARY	CO-CONCRETE		8.49	10%		FD