Appendix B - Design Conditions

Sewer Details															Design Conditions				
DWG	Sheet	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								
12873	3	S-MA20014040	ASSINIBOINE AV	1ST MH E OF KENNEDY ST TO MH AT EDMONTON ST	S-MH20012719	3.24	S-MH20012730	3.81	77.11	750		CIRCULAR	COMBINED	BRICK		4.36	2%		FD
12874	4	S-MA20014041	ASSINIBOINE AV	MH AT EDMONTON ST TO 1ST MH E OF EDMONTON ST	S-MH20012730	3.81	S-MH20012741	3.75	63.4	750		CIRCULAR	COMBINED	BRICK		4.36	2%		FD
12875	5	S-MA40006769	BRAZIER ST	MH AT LEIGHTON AV TO MH AT ROBERTA AV	S-MH40006241	4.63	S-MH40006192	5	80.91	600		CIRCULAR	COMBINED	CONCRETE		5.00	14%		FD
12876	6	S-MA00007848	BULLER ST	MH AT MAGNUS AV TO MH AT MANITOBA AV	S-MH00007821	4.11	S-MH00007813	4	97.72	600		CIRCULAR	COMBINED	CONCRETE		4.54	2%		FD
12877	7	S-MA00010487	COLLEGE AV	2NDMH W OF MCPHILLIPS ST-1STMH W OF MCPHILLIPSST	S-MH00008324	4.43	S-MH00008329	4.93	95.71	600		CIRCULAR	COMBINED	CONCRETE		5.28	2%		FD
12878	8	S-MA40007798	GREY ST (W OF CL)	1ST MH N OF NOTTINGHAM AV TO MH @ WYNTEN CR	S-MH40007098	4.33	S-MH40007093	5.02	66.58	600		CIRCULAR	COMBINED	CONCRETE		5.25	2%		FD
12879	9	S-MA70033682	HIGGINS AV (CL)	1ST MH E OF MCFARLANE ST TO IST MH W OF MORDAUNT	S-MH70001454	3.64	S-MH20012292	3.63	103.2	600		CIRCULAR	COMBINED	CONCRETE		4.37	2%		FD
12880	10	S-MA00012875	MCKENZIE ST	MH AT DUFFERIN TO MH AT STELLA (CL)	S-MH00011507	3.44	S-MH00011550	3.23	124.39	750		CIRCULAR	COMBINED	CONCRETE		4.02	2%		FD
12881	11	S-MA00014265	MCKENZIE STREET (CL)	MH AT FLORA TO MH AT SELKIRK	S-MH00012705	3.77	S-MH00012800	4.2	88.55	900		CIRCULAR	COMBINED	BRICK		4.84	2%		FD
12882	12	S-MA20014174	NAVY WAY	1ST MH N OF ASSINIBOINE AV TO NODE ON ASSINIBOINE AV	S-MH20012820	3.4	S-MH20012819	3.08	28.2	750		CIRCULAR	COMBINED	BRICK		3.88	2%		FD
12883	13	S-MA20014176	NAVY WAY	2ND MH N OF ASSINIBOINE AV TO 1ST MH N OF ASSINI	S-MH20012848	3.77	S-MH20012820	3.4	67.97	750		CIRCULAR	COMBINED	BRICK		4.22	5%		FD
12884	14	S-MA20014213	SMITH ST / NAVY WY	2ND MH S OF BROADWAY TO 2ND MH N OF ASSINIBOINE	S-MH20012847	3.76	S-MH20012848	3.77	16.61	750		CIRCULAR	COMBINED	BRICK		4.47	2%		FD
12885	15	S-MA50015183	PARKVILLE DR	MH @ PULBERRY ST - 1ST MH W PULBERRY ST	S-MH50012192	2.95	S-MH50012193	3.02	81.2	1050		CIRCULAR	STORM	CONCRETE		3.02	2%		FD
12886	17	S-MA00013973	SUTHERLAND AV	MH AT ARGYLE ST TO MH AT EUCLID AV (CL)	S-MH00012459	4.04	NEW MANHOLE	4.69	91.42	600		CIRCULAR	COMBINED	BRICK	New manhole to be constructed at the DS end of the asset, refer to drawings and specifications for details	4.69	2%		FD
12887	18	S-MA70001102	SUTHERLAND AV	MH AT ANGUS ST TO MH AT HIGGINS AV	S-MH70000474	2.41	S-MH00014103	2.04	176.26	900		CIRCULAR	COMBINED	CONCRETE		2.74	2%		FD
12888	19	S-MA50013396	ST MARY'S RD	MH @ ESSEX AV TOMH @ ELLESMERE AV	S-MH50010761	5.13	S-MH50010762	5.09	93.2	900	1350	EGG	COMBINED	CONCRETE		5.67	2%		FD
12889	19	S-MA20010055	WALL ST	2ND MH S TO 3RD MH S WELLINGTON AVE	S-MH20009184	3.78	S-MH20008699	4.73	95.4	600		CIRCULAR	COMBINED	CONCRETE		4.73	7%		FD
12890	20	S-MA20004294	WESTWOOD DR	1ST MH S OF PORTAGE AV TO MH AT PORTAGE AV	S-MH20003955	7.32	S-MH20003944	7.47	104.3	750		CIRCULAR	SANITARY	CONCRETE		7.89	2%		FD
12891	21	S-MA20004295	PARKING LOT (W OF WESTW	1ST MH S OF PORTAGE AV - 2ND MHS OF PORTAGE AV	S-MH20003944	7.47	S-MH20003945	7.67	25.86	750		CIRCULAR	SANITARY	CONCRETE		7.77	2%		FD
12892	22	S-MA20004312	PORTAGE AV N OF CL	MH AT PARKHILL ST TO MH AT WESTWOOD DR	S-MH20003960	7.02	S-MH20003955	7.73	37.66	750		CIRCULAR	SANITARY	CONCRETE		7.73	2%		FD
12893	23	S-MA70023404	WILLIAM AV	3RD W SHERBROOK ST - FLOW E	S-MH20016445	4.17	S-MH20016444	3.99	78.33	600		CIRCULAR	COMBINED	BRICK		4.77	13%		FD
12894	24	S-MA00013996	POINT DOUGLAS AV	MH AT DISRAELI FR (EPL) TO MH AT GOMEZ ST (CL)	S-MH00012480	5.8	S-MH00012481	5.39	82.6	600		CIRCULAR	COMBINED	BRICK		5.80	2%		FD

[1]Partially Deteriorated/Fully Deteriorated