

APPENDIX 'B'

DESIGN CONDITIONS

Sewer Details															Design Conditions			
Asset Number	Drawing #	Sheet #	Street Name	Location Details	Manholes				Length (m)	Size		Shape	Flow Type	Material	Max Depth (m)	Pre EPR Ovality	Post EPR Ovality	Design Condition (PD/FD)
					Upstream	Depth (m)	Downstream	Depth (m)		Height (mm)	Width (mm)							
S-MA20017053	13878	3	ADELAIDE ST (CL)	1ST MH S OF BANNATYNE AV TO MH AT BANNATYNE AV	S-MH20015315	3.49	S-MH20016910	5.60	50.0	375	375	C	CS	VC	5.60	14%	14%	FD
S-MA00005498	13879	4	AMBERGATE DR (N BV)	MH AT AMBER TRAIL TO 1ST MH E OF AMBER TRAIL	S-MH00004910	6.95	S-MH00004909	7.41	76.5	450	450	C	WWS	CONCRETE	7.41	2%	-	FD
S-MA00005484	13880	5	AMBERGATE DR (N BV)	1ST MH W OF PIPELINE RD TO MH AT PIPELINE RD	S-MH00004892	7.64	S-MH00004893	7.19	90.5	525	525	C	WWS	CONCRETE	7.64	2%	-	FD
S-MA00004488	13881	6	BLECHNER DR	MH AT MANDEN CR TO 1ST MH E OF MANDEN CR	S-MH00003980	3.85	S-MH00003983	4.77	108.0	200	200	C	WWS	CONCRETE	4.77	2%	-	FD
S-MA00010175	13882	7	CARRUTHERS AV	MH AT MCGREGOR ST (E.PL) TO 1ST MH E OF MCGREGOR ST	S-MH00006695	2.55	S-MH00006694	2.93	69.5	300	300	C	CS	VC	2.93	6%	6%	FD
S-MA20008105	13883	8	COLLEGIATE ST	2ND MH S OF SILVER AV TO 3RD MH S OF SILVER AV	S-MH20007447	3.14	S-MH20007446	3.44	109.5	375	375	C	CS	VC	3.44	15%	15%	FD
S-MA20001197	13884	9	CORBETT DR (W LEG)	MH AT COSTELLO DR TO 1ST MH S OF COSTELLO DR	S-MH20001056	3.10	S-MH20001054	3.15	92.0	200	200	C	WWS	CONCRETE	3.15	2%	-	FD
S-MA20003861	13885	10	COUNTRY CLUB BV.	MH AT PORTAGE AV. TO 1ST MH S.OF PORTAGE AV.	S-MH20003538	2.52	S-MH20003539	2.90	34.0	300	300	C	LDS	CONCRETE	2.90	3%	-	PD
S-MA20009809	13886	11	EMPRESS (W.PL)	1ST MH S OF ELLICE AV TO 2ND MH S OF ELLICE AV	S-MH20008971	3.65	S-MH20008970	3.69	77.0	300	300	C	CS	CONCRETE	3.69	2%	-	FD
S-MA70162512	13887	12	FERRY RD	MH AT SARGENT AV TO OUTFALL IN N DITCH	Ditch Culvert	N/A	S-MH70080161	1.52	11.5	450	450	C	LDS	CMP	1.52	6%	5%	FD
S-MA20001118	13888	13	FREEMONT BY (N.LEG)	MH AT FREEMONT BY.(E.LEG)TO 1ST MH W.OF FREEMONT BY.(E.LEG)	S-MH20000991	2.74	S-MH20000992	2.84	27.0	450	450	C	LDS	CONCRETE	2.84	2%	-	FD
S-MA20002178	13889	14	GERROND BY (N LEG)	1ST MH E OF CAVALIER DR. TO 1ST MH W OF CAVALIER DR.	S-MH20001988	3.73	S-MH20001747	3.97	72.0	250	250	C	WWS	CONCRETE	3.97	2%	-	FD
S-MA20003627	13890	15	GOLF BV	MH AT MCBEY AV TO 1ST MH N OF MCBEY AV	S-MH20003334	3.47	S-MH20003337	4.02	103.5	250	250	C	WWS	CONCRETE	4.02	2%	2%	FD
S-MA00011654	13891	16	HARTFORD AV (CL)	MH AT MCGREGOR ST TO 1ST MH E OF MCGREGOR ST	S-MH00010034	4.65	S-MH00010027	4.96	95.5	375	375	C	CS	CONCRETE	4.96	8%	-	FD
S-MA70026715	13892	17	INKSTER BV.	MH AT SALTER ST. TO 1ST MH E.OF SALTER ST.	S-MH00011105	6.07	S-MH00011129	5.84	97.0	450	450	C	CS	CONCRETE	6.07	3%	-	FD
S-MA20018577	13893	18	ISABEL ST	MH AT MCDERMOT AV TO TEE AT BANNATYNE AV	S-MH20016632	5.45	S-MH70008174	6.04	102.5	600	600	C	CS	BRICK	6.04	7%	-	FD
S-MA70069623	13894	19	ISABEL ST	MH AT PACIFIC AV SPL TO MH AT PACIFIC AV CL	S-MH70032815	5.06	S-MH20016873	5.06	9.5	600	600	C	CS	BRICK	5.06	2%	-	FD
S-MA70026389	13895	20	KATE ST	MH AT ELGIN AV TO MH AT WILLIAM AV	S-MH70005556	4.29	S-MH20016710	5.04	107.0	600	600	C	CS	VC	5.04	4%	4%	FD
S-MA00010131	13896	21	LANSDOWNE AV	1ST MH E OF MCGREGOR ST TO 2ND MH E OF MCGREGOR ST	S-MH00006712	2.63	S-MH00006648	3.24	95.0	300	300	C	CS	VC	3.24	10%	-	FD
S-MA20013793	13897	22	LIPTON ST	1ST MH N OF PALMERSTON-MH @ PALMERSTON AVE	S-MH20012492	3.38	S-MH20012493	4.62	76.0	300	300	C	CS	VC	4.62	8%	-	FD
S-MA20014996	13898	23	LIPTON ST	1ST MH S WESTMINSTER TO 2ND MH S WESTMINSTER AV	S-MH20013540	2.98	S-MH20012524	3.26	77.5	300	300	C	CS	VC	3.26	10%	10%	FD
S-MA00004351	13899	24	MAEVISTA PL	MH @ BLECHNER DR TO 1ST MH E OF MARTELL CR	S-MH00003866	3.40	S-MH00003868	3.98	75.5	200	200	C	WWS	CONCRETE	3.98	4%	-	FD
S-MA00016359	13900	25	MANDALAY DR	1ST MH S OF ADSUM DR TO TIE-IN @ ADSUM DR	S-MH00005003	5.83	S-TE00001661	5.92	81.0	300	300	C	WWS	CONCRETE	5.92	8%	-	FD
S-MA00005655	13901	26	MANDALAY DR	1ST MH N OF ADSUM DR - MH AT ADSUM DR	S-MH00005044	5.77	S-TE00001660	5.93	115.5	450	450	C	WWS	CONCRETE	5.93	6%	-	FD
S-MA20007707	13902	27	MARJORIE ST	1ST MH S OF ELLICE AV. TO 2ND MH S. OF ELLICE AV	S-MH20007096	2.31	S-MH20007048	2.52	85.5	375	375	C	CS	CONCRETE	2.52	5%	5%	FD
S-MA00004323	13903	28	MARTELL CR S LEG	MH AT BLECHNER DR TO MH AT MARTELL CR W LEG	S-MH00003859	2.61	S-MH00003833	3.35	80.5	200	200	C	WWS	CONCRETE	3.35	4%	-	FD
S-MA00010182	13904	29	MCGREGOR ST	1ST MH N. OF CARRUTHERS AV. TO MH AT MATHESON AV.	S-MH00006710	2.37	S-MH00006721	4.52	43.0	225	225	C	CS	VC	4.52	2%	2%	FD
S-MA20016621	13905	30	MCMICKEN ST	1ST MH N OF ELLICE AV TO MH AT ELLICE AV	S-MH20014932	4.41	S-MH20014947	5.55	101.0	225	225	C	CS	VC	5.55	6%	6%	FD
S-MA20013647	13906	31	MIDDLE GATE	1ST MH S. OF WEST GATE TO MH AT WEST GATE	S-MH20012437	2.46	S-MH20012356	2.79	66.0	300	300	C	CS	CONCRETE	2.79	7%	-	FD
S-MA00010475	13907	32	MOUNTAIN AV	1ST MH E.OF FIFE ST.TO 2ND MH E. OF FIFE ST.	S-MH00008313	4.36	S-MH00008333	4.97	98.0	450	450	C	CS	CONCRETE	4.97	5%	-	FD
S-MA20008789	13908	33	PARKVIEW ST	1ST MH S OF PORTAGE TO 2ND MH S OF PORTAGE AVE	S-MH20008164	2.81	S-MH20008101	3.03	111.5	300	300	C	CS	VC	3.03	5%	5%	FD
S-MA20004175	13909	34	POOLE CR	1ST MH W OF SHELLY ST TO MH AT SHELLEY ST	S-MH20003835	2.40	S-MH20003836	2.47	30.5	200	200	C	WWS	CONCRETE	2.47	15%	-	FD
S-MA20008916	13910	35	PORTAGE AV	RIVERBEND LIFT STATION	S-TE20002180	10.44	S-TE20002179	N/A	3.5	525	525	C	CS	CONCRETE	10.44	3%	-	PD
S-MA20009009	13911	36	PORTAGE AV (S OF CL TO S CURB)	MH W OF ROUTE 90 TO MH E OF ROUTE 90	S-MH20008313	9.50	S-MH20010371	9.89	61.5	450	450	C	WWS	STEEL	9.89	2%	-	FD
S-MA70100290	13911	36	PORTAGE AV (S OF CL TO S CURB)	MH W OF ROUTE 90 TO MH E OF ROUTE 90	S-MH20008313	9.50	S-MH20010371	9.89	61.5	300	300	C	WWS	STEEL	9.89	2%	-	FD
S-MA70100297	13911	36	PORTAGE AV (S OF CL TO S CURB)	MH W OF ROUTE 90 TO MH E OF ROUTE 90	S-MH20008313	9.50	S-MH20010371	9.89	61.5	500	500	C	WWS	STEEL	9.89	2%	-	FD
S-MA20003533	13912	37	RAQUETTE ST W OF CL	1ST MH N OF BROWNING BV TO MH AT HAULTAIN CR (S LEG)	S-MH20003245	2.92	S-MH20003244	2.74	80.5	200	200	C	WWS	CONCRETE	2.92	5%	-	FD
S-MA00012944	13913	38	ROBINSON ST	MH AT SUTHERLAND AV TO 1ST MH N OF SUTHERLAND AV	S-MH00011559	3.76	S-MH00011569	3.90	122.0	300	300	C	CS	VC	3.90	5%	-	FD
S-MA70157949	13914	39	ROW S OF ELLICE	1ST CB W OF BURNELL TO TEE AT BURNELL	S-CB20015557	1.78	NEW MH REQ'D	5.06	73.5	300	300	C	CS	CONCRETE	5.06	2%	2%	FD
S-MA20010454	13915	40	SANFORD ST	1ST MH S OF WELLINGTON TO MH AT WELLINGTON AVE	S-MH20009543	3.05	S-MH20009550	4.08	96.5	450	450	C	CS	CONCRETE	4.08	8%	-	FD
S-MA20010520	13916	41	SASKATCHEWAN AV.	2ND MH W. OF MIDLAND ST. TO 1ST MH W. OF MIDLAND ST	S-MH20009606	3.22	S-MH20009605	4.04	104.0	300	300	C	CS	VC	4.04	7%	7%	FD
S-MA20000595	13917	42	SCHOOL RD (W.PL)	MH AT AMARYNTH CR TO MH AT ANTOINE AV	S-MH20000516	2.94	S-MH20000529	2.85	100.5	600	600	C	LDS	CONCRETE	2.94	2%	-	FD
S-MA20017728	13918	43	SHERBURN ST	MH AT YARWOOD AT TO 1ST MH N OF YARWOOD AV	S-MH20015862	4.07	S-MH20015898	4.55	83.5	300	300	C	CS	VC	4.55	5%	5%	FD
S-MA20017737	13919	44	SHERBURN ST	2ND MH N OF WELLINGTON AV TO MH AT YARWOOD AV	S-MH20015864	3.75	S-MH20015862	4.48	93.5	300	300	C	CS	VC	4.48	4%	4%	FD
S-MA00012299	13920	45	SINCLAIR ST (CL)	1ST MH S OF CHURCH AV TO 2ND MH S OF CHURCH AV	S-MH00010722	4.46	S-MH00010644	4.89	70.5	375	375	C	CS	CONCRETE	4.89	4%	4%	FD
S-MA20001512	13921	46	STRADFORD ST	2ND MH S OF HAMILTON AV (SLG) TO MH AT NESS AV	S-MH20001355	2.72	S-MH20001356	3.25	86.5	250	250	C	WWS	CONCRETE	3.25	2%	-	FD
S-MA20008013	13922	47	TRURO ST.	1ST MH S. OF SILVER AV. TO 2ND MH S. OF SILVER AV	S-MH20007351	3.17	S-MH20007352	3.98	113.0	300	300	C	CS	CONCRETE	3.98	4%	4%	FD
S-MA20010434	13923	48	WELLINGTON AV	MH AT EMPRESS ST TO 1ST MH W OF EMPRESS ST	S-MH20009514	4.94	S-MH20009522	5.32	88.0	750	750	C	CS	CONCRETE	5.32	5%	-	FD
S-MA20013637	13924	49	WEST GATE	4TH MH W OF MIDDLE GT TO 5TH MH W OF MIDDLE GT	S-MH20012351	3.21	S-MH20012396	3.87	77.5	300	300	C	CS	VC	3.87	2%	2%	FD
S-MA20013638	13925	50	WEST GATE	3RD MH W OF MIDDLE GT TO 4TH MH W OF MIDDLE GT	S-MH20012360	2.78	S-MH20012351	3.21	44.5	300	300	C	CS	CONCRETE	3.21	6%	-	FD
S-MA20013646	13925	50	WEST GATE	2ND MH W OF MIDDLE GATE TO 3RD MH W OF MIDDLE GATE	S-MH20012359	2.64	S-MH20012360	2.78	38.5	300	300	C	CS	CONCRETE	2.78	2%	-	FD
S-MA20013645	13926	51	WEST GATE	1ST MH W OF MIDDLE GT TO 2ND MH W OF MIDDLE GT	S-MH20012358	2.40	S-MH20012359	2.64	27.5	300	300	C	CS	CONCRETE	2.64	7%	-	FD
S-MA70161866	13927	52	YARWOOD AV	1ST MH W OF LIPTON ST TO MH AT INGERSOLL ST	S-MH70079921	3.00	S-MH20015855	4.22	38.0	250	250	C	LDS	VC	4.22	2%	-	FD