

INLET AND MANHOLE DATA

FOR INFORMATION ONLY

ROUTING SEQUENCE	LOCATIONS OF INSTALLATIONS					CONSTRUCT OR INSTALL					DIMENSIONS				ELEVATIONS		INFLOW CONDUITS					OUTFLOW CONDUITS		CLASS III EXC. (cu. m.)	CAST IRON (kg.)	STRUCT. STEEL (kg.)	REIN. STEEL (kg.)	CLASS A CONC. (cu. m.)	STEPS	REMARKS		
	FROM	TO	STATION	ROUTE IDENTIFICATION	DISTANCE LEFT/RIGHT	NORTH COORDINATE	EAST COORDINATE	INLET (TYPE 22) CURB	INLET (TYPE 22) RADIUS	M.H. (STD. STORM)	INLET (M.H.-SPEC.)	DITCH INLET	RADIUS	G&F TYPE	L&F TYPE	L (m)	W (m)	H (m)	H _T (m)	TOP	FLOOR	SIZE DIRECT.	FLOWLINE ELEV.								SIZE DIRECT.	FLOWLINE ELEV.
150	151	4+812.924	Tyler Rd.	19.563 m Lt.	512,191.283	493,224.059		1				9.744	D		1.750	1.200	1.680		404.575	403.045												Install 450mm x 1.22m RCP Elbow
151		4+807.992	Tyler Rd.	19.938 m Lt.	512,196.158	493,224.295															450mm (SW)	402.973					450mm (NE)	402.973 (1)		Connect to Exist. 450mm RCP		
200	201	4+482	Maize Rd.	6.800 m Rt.	510,904.118	491,619.401	1						D		3.000	1.200	1.070		403.840	402.920												
201	205	4+482	Maize Rd.	6.800 m Lt.	510,904.494	491,632.996	1						D		3.000	1.200	1.220		403.841	402.771	375mm (W)	402.857					375mm (E)	402.977				
202	203	2+022	Carr Ave.	3.953 m Lt.	510,919.262	491,603.758	1						D		1.500	1.200	1.070		403.956	403.036							375mm (N)	403.093				
203	204	2+022	Carr Ave.	4.078 m Rt.	510,927.291	491,603.576	1						D		1.500	1.200	1.220		403.968	402.898	375mm (S)	403.040					375mm (NE)	403.005				
204		4+451.714	Maize Rd.	16.989 m Rt.	510,934.112	491,608.380															375mm (SW)	402.976	300mm (W)	402.946 (1)			375mm (E)	402.946 (1)		Connect to Existing Manhole		
204A	205	4+451.822	Maize Rd.	8.280 m Lt.	510,934.701	491,633.643																									Connect to exist. 375mm RCP w/Conc. Collar	
205	208	4+451.8	Maize Rd.	10.770 m Lt.	510,934.792	491,636.131			1				M		1.200	1.200	1.170	0.20	403.745	402.525	375mm (S)	402.712	375mm (W)	402.741			600mm (N)	402.601				
206	207	4+382.5	Maize Rd.	14.100 m Rt.	511,003.379	491,609.359			1(2)				D		1.200	1.650	1.070		403.700	402.780	2-265mm(SW)	403.300 (1)					375mm (E)	402.877				
207	208	4+383	Maize Rd.	6.800 m Rt.	511,003.081	491,616.670	1						D		3.000	1.200	1.220		403.425	402.355	375mm (W)	402.443					375mm (E)	402.412				
208	211	4+383	Maize Rd.	6.800 m Lt.	511,003.456	491,630.264	1						D		3.000	1.200	1.520		403.425	402.055	600mm (S)	402.197	375mm (W)	402.337			600mm (N)	402.131				
209	210	4+324	Maize Rd.	6.800 m Rt.	511,062.058	491,615.042	1						D		3.000	1.200	1.220		403.280	402.210							375mm (S)	402.267				
210	211	4+336	Maize Rd.	6.800 m Rt.	511,050.063	491,615.373	1						D		3.000	1.200	1.370		403.246	402.026	375mm (N)	402.172					600mm (E)	402.102				
211	212	4+336	Maize Rd.	6.800 m Lt.	511,050.438	491,628.968	1						D		3.000	1.500	1.680		403.246	401.716	600mm (S)	401.953	600mm (W)	401.953			750mm (N)	401.805				
212	213	4+324	Maize Rd.	6.800 m Lt.	511,062.434	491,628.637	1						D		3.000	1.500	1.830		403.280	401.600	750mm (S)	401.720					750mm (N)	401.689				
213	214	4+240	Maize Rd.	7.780 m Lt.	511,146.429	491,627.299			1				M		1.500	1.500	2.590	0.61	403.564	400.514	750mm (S)	401.195					750mm (N)	400.603				
214	215	4+165	Maize Rd.	12.293 m Lt.	511,221.525	491,629.741	1						D		3.000	1.800	2.740		402.877	400.287	750mm (S)	400.397					750mm (NE)	400.376				
215		4+159.695	Maize Rd.	16.429 m Lt.	511,226.942	491,633.729															750mm (SW)	400.154									Inside Face of Wall RCB	
220		1+030	Ringer St.	6.700 m Rt.	511,594.022	491,578.386								Z		2.030	1.400	1.300		403.750	402.600							600mm (E)	402.920 (1)			
230	231	4+127	Maize Rd.	16.200 m Lt.	511,259.618	491,632.598	1						D		3.000	1.200	2.130		402.573	400.593							375mm (S)	400.650				
231		4+157.703	Maize Rd.	17.275 m Lt.	511,228.956	491,634.519																					375mm (N)	400.441				
240	241	4+158	Maize Rd.	12.593 m Rt.	511,227.835	491,604.671	1						D		3.000	1.200	2.130		402.798	400.818							375mm (NW)	400.875				
241		4+134.881	Maize Rd.	16.500 m Rt.	511,250.838	491,600.128																					375mm (SE)	400.537				
Totals							13	1	3	1																						

② Lid & frame to be cast into top slab of manhole

① Existing Flowline

③ Use concrete to shape floor to ensure drainage.

CONDUIT DATA

ROUTING SEQUENCE	LOCATIONS OF INSTALLATIONS				CONSTRUCT OR INSTALL		CONDUIT FLOWLINES		SEWER EXCAVATION		STORM SEWER (M)							END SECTIONS (EACH)			ASHTO CONC. CLASS	FLOWABLE FILL (m)	EDGE DRAINS (m)			REMARKS						
	FROM	TO	STATION	ROUTE IDENTIFICATION	DISTANCE LEFT/RIGHT	TYPE OF CONDUIT	LENGTH (m)	INFLOW ELEV.	OUTFLOW ELEV.	ROCK (cu. m.)	COMMON (cu. m.)	375 mm	450 mm	600 mm	750 mm	900 mm	0.3 m ²	450 mm	600 mm	750 mm			100 mm	150 mm	200 mm							
150	151	4+812.924	Tyler Rd.	19.563 m Lt.	450mm	RCP	5.79	403.176	402.973																						Quantity includes 1.22m for the Elbow	
200	201	4+482	Maize Rd.	6.800 m Rt.	375mm	RCP	14.94	402.977	402.857			14.94																				
201	205	4+482	Maize Rd.	6.800 m Lt.	375mm	RCP	28.96	402.828	402.712			28.96																				
202	203	2+022	Carr Ave.	3.953 m Lt.	375mm	RCP	9.45	403.093	403.040			9.45																				
203	204	2+022	Carr Ave.	4.078 m Rt.	375mm	RCP	7.31	403.005	402.976			7.31																				
204A	205	4+451.822	Maize Rd.	8.280 m Lt.	375mm	RCP	2.44	402.765	402.741			2.44																				
205	208	4+451.8	Maize Rd.	10.770 m Lt.	600mm	RCP	67.36	402.601	402.197				67.36																			
206	207	4+382.5	Maize Rd.	14.100 m Rt.	375mm	RCP	5.18	402.877	402.443			5.18																				
207	208	4+383	Maize Rd.	6.800 m Rt.	375mm	RCP	14.94	402.412	402.337			14.94																				
208	211	4+383	Maize Rd.	6.800 m Lt.	600mm	RCP	44.50	402.131	401.953				44.50																			
209	210	4+324	Maize Rd.	6.800 m Rt.	375mm	RCP	9.45	402.267	402.172			9.45																				
210	211	4+336	Maize Rd.	6.800 m Rt.	600mm	RCP	14.94	402.102	401.953				14.94																			
211	212	4+336	Maize Rd.	6.800 m Lt.	750mm	RCP	9.45	401.805	401.720						9.45																	
212	213	4+324	Maize Rd.	6.800 m Lt.	750mm	RCP	82.30	401.689	401.195						82.30																	
213	214	4+240	Maize Rd.	7.780 m Lt.	750mm	RCP	73.46	400.603	400.397						73.46																	
214	215	4+165	Maize Rd.	12.293 m Lt.	750mm	RCP	5.49	400.376	400.154						5.49																	Connect to 2.1m x 1.2m RCB
230	231	4+127	Maize Rd.	16.200 m Lt.	375mm	RCP	29.87	400.650	400.441			29.87																				Connect to 2.1m x 1.2m RCB
240	241	4+158	Maize Rd.	12.593 m Rt.	375mm	RCP	22.56	400.875	400.537			22.56																				Connect to 2.1m x 1.2m RCB
Totals							145.10	5.79	126.80																							