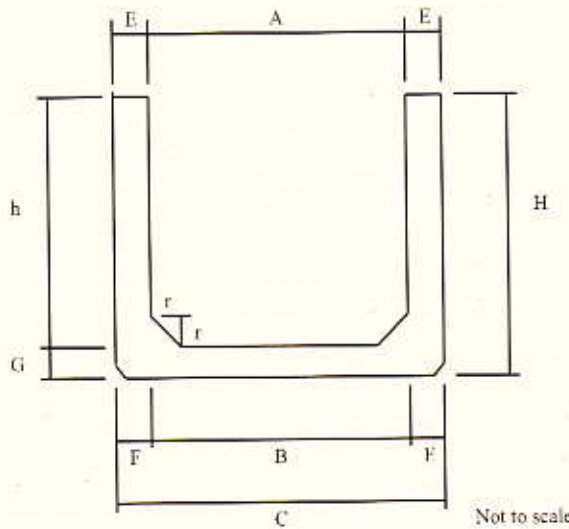




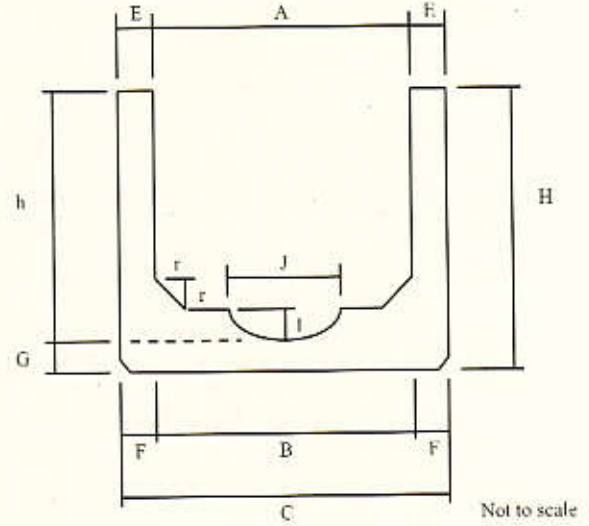
E-RETE (MALAYA) SDN. BHD.

STANDARD PRECAST R.C. OPEN DRAINS

Incorporated With / Without Dry Weather Flow Section



Standard Precast R.C. Open Drains



Standard Precast R.C. Open Drains
c/w DWF Section

Standard Precast R.C. Open Drains: Nominal widths from 300mm to 1800mm

Nominal Size			Dimensions									Weight (Tonnes)		Water Area.			
			B	x	h	A	C	E	F	G	H	I	J	r	Invert	Invert c/w	Invert
mm	x	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		DWF			Meter. ²
300	x	225	300	440	70	70	70	295	70	150	50	0.162	0.201	0.065	0.049		
300	x	300	300	440	70	70	70	370	70	150	50	0.188	0.228	0.088	0.072		
300	x	450	300	440	70	70	70	520	70	150	50	0.241	0.280	0.133	0.117		
300	x	600	300	440	70	70	70	670	70	150	50	0.293	0.333	0.178	0.162		
450	x	300	450	590	70	70	70	370	70	300	50	0.215	0.267	0.133	0.112		
450	x	450	450	590	70	70	70	520	70	300	50	0.267	0.320	0.200	0.179		
450	x	600	450	590	70	70	70	670	70	300	50	0.320	0.372	0.268	0.247		
450	x	750	450	590	70	70	70	820	70	300	50	0.372	0.425	0.335	0.314		
600	x	225	606	740	67	70	70	295	70	300	45	0.212	0.291	0.134	0.102		
600	x	300	610	740	65	70	70	370	70	300	45	0.236	0.315	0.179	0.148		
600	x	450	616	740	62	70	70	520	70	300	45	0.283	0.363	0.272	0.240		
600	x	600	620	740	60	70	70	670	70	300	45	0.330	0.410	0.364	0.332		

Note: Standard length is 1000 mm.

The company reserves the right to alter specifications without prior notice.



E-RETE (MALAYA) SDN. BHD.

STANDARD PRECAST R.C. OPEN DRAINS

Standard Precast R.C. Open Drains: Nominal widths from 300mm to 1800mm

Nominal Size			Dimensions									Weight (Tonnes)		Water Area.	
B	x	h	A	C	E	F	G	H	I	J	r	Invert	Invert c/w DWF	Invert	Invert c/w DWF
mm	x	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			Meter. ²	
750	x	300	758	890	66	70	75	375	80	450	55	0.276	0.382	0.223	0.181
750	x	450	762	890	64	70	75	525	80	450	55	0.325	0.431	0.337	0.295
750	x	600	766	890	62	70	75	675	80	450	55	0.372	0.479	0.452	0.409
750	x	750	768	890	61	70	75	825	80	450	55	0.420	0.527	0.566	0.524
900	x	300	908	1060	76	80	80	380	80	450	55	0.337	0.472	0.268	0.214
900	x	450	910	1060	75	80	80	530	80	450	55	0.394	0.530	0.404	0.350
900	x	600	914	1060	73	80	80	680	80	450	55	0.449	0.585	0.541	0.487
900	x	750	918	1060	71	80	80	830	80	450	55	0.503	0.639	0.679	0.624
900	x	900	920	1060	70	80	80	980	80	450	55	0.557	0.694	0.816	0.761
1200	x	300	1206	1370	82	85	90	390	160	600	65	0.444	0.805	0.357	0.212
1200	x	450	1208	1370	81	85	90	540	160	600	65	0.506	0.867	0.538	0.393
1200	x	600	1210	1370	80	85	90	690	160	600	65	0.566	0.928	0.719	0.574
1200	x	750	1214	1370	78	85	90	840	160	600	65	0.624	0.987	0.901	0.756
1200	x	900	1216	1370	77	85	90	990	160	600	65	0.683	1.047	1.083	0.938
1200	x	1050	1218	1370	76	85	90	1140	160	600	65	0.741	1.105	1.265	1.120
1200	x	1200	1220	1370	75	85	90	1290	160	600	65	0.799	1.163	1.448	1.302
1500	x	600	1516	1720	102	110	110	710	180	900	90	0.811	1.287	0.897	0.706
1500	x	750	1520	1720	100	110	110	860	180	900	90	0.887	1.364	1.124	0.934
1500	x	900	1524	1720	98	110	110	1010	180	900	90	0.961	1.439	1.353	1.162
1500	x	1050	1528	1720	96	110	110	1160	180	900	90	1.034	1.513	1.582	1.390
1500	x	1200	1532	1720	94	110	110	1310	180	900	90	1.105	1.585	1.811	1.619
1500	x	1350	1536	1720	92	110	110	1460	180	900	90	1.175	1.656	2.041	1.849
1500	x	1500	1540	1720	90	110	110	1610	180	900	90	1.243	1.725	2.272	2.079
1800	x	750	1818	2050	116	125	125	875	180	900	100	1.118	1.729	1.347	1.102
1800	x	900	1822	2050	114	125	125	1025	180	900	100	1.203	1.816	1.620	1.375
1800	x	1050	1826	2050	112	125	125	1175	180	900	100	1.288	1.901	1.894	1.648
1800	x	1200	1830	2050	110	125	125	1325	180	900	100	1.371	1.985	2.168	1.922
1800	x	1350	1834	2050	108	125	125	1475	180	900	100	1.452	2.067	2.443	2.197
1800	x	1500	1838	2050	106	125	125	1625	180	900	100	1.532	2.148	2.719	2.472
1800	x	1650	1842	2050	104	125	125	1775	180	900	100	1.610	2.227	2.995	2.748
1800	x	1800	1846	2050	102	125	125	1925	180	900	100	1.687	2.305	3.271	3.024

Note: Standard length is 1000 mm.

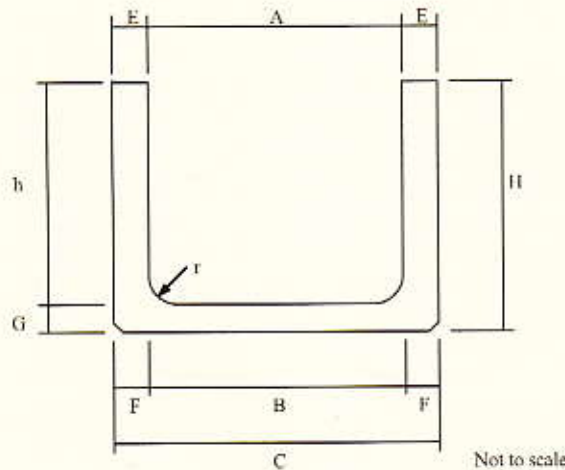
The company reserves the right to alter specifications without prior notice.



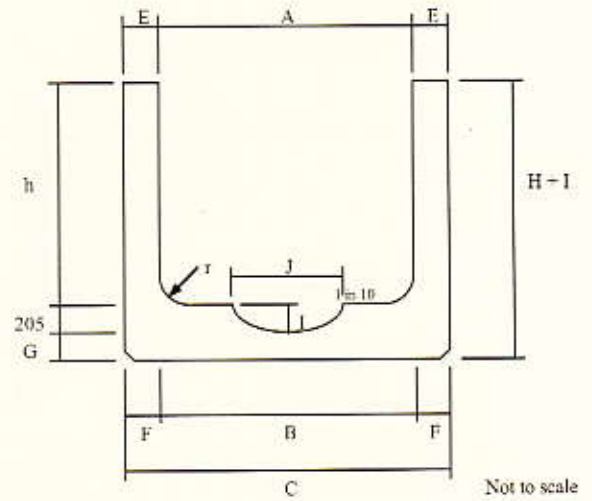
E-RETE (MALAYA) SDN. BHD.

LARGE PRECAST R.C. OPEN DRAINS

Incorporated With / Without Dry Weather Flow Section



Large Precast R.C. Open Drains



Large Precast R.C. Open Drains
Incorporated With A Dry Weather Flow Section

Large Precast R.C. Open Drains: Nominal widths from 2100mm to 3600mm

Nominal Size	Dimensions											Weight (Tonnes)		Water Area.		
	B	x	h	A	C	E	F	G	H	I	J	r	Invert	Invert c/w DWF	Invert	Invert c/w DWF
mm	x	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			Meter. ²	
2100	x	900	2162	2500	169	200	200	1100	205	1055	200	2.180	3.191	1.878	1.986	
2100	x	1050	2172	2500	164	200	200	1250	205	1055	200	2.306	3.316	2.203	2.311	
2100	x	1200	2182	2500	159	200	200	1400	205	1055	200	2.427	3.438	2.529	2.637	
2100	x	1350	2192	2500	154	200	200	1550	205	1055	200	2.545	3.556	2.857	2.965	
2100	x	1500	2202	2500	149	200	200	1700	205	1055	200	2.659	3.670	3.187	3.295	
2100	x	1650	2212	2500	144	200	200	1850	205	1055	200	2.769	3.780	3.517	3.626	
2100	x	1800	2222	2500	139	200	200	2000	205	1055	200	2.876	3.886	3.850	3.958	
2100	x	1950	2232	2500	134	200	200	2150	205	1055	200	2.978	3.989	4.184	4.292	
2100	x	2100	2242	2500	129	200	200	2300	205	1055	200	3.077	4.088	4.519	4.627	
2400	x	1050	2472	2800	164	200	200	1250	205	1055	200	2.456	3.620	2.518	2.626	
2400	x	1200	2482	2800	159	200	200	1400	205	1055	200	2.577	3.742	2.889	2.997	
2400	x	1350	2492	2800	154	200	200	1550	205	1055	200	2.695	3.859	3.262	3.370	
2400	x	1500	2502	2800	149	200	200	1700	205	1055	200	2.809	3.973	3.637	3.745	
2400	x	1650	2512	2800	144	200	200	1850	205	1055	200	2.919	4.084	4.012	4.121	
2400	x	1800	2522	2800	139	200	200	2000	205	1055	200	3.026	4.190	4.390	4.498	
2400	x	1950	2532	2800	134	200	200	2150	205	1055	200	3.128	4.293	4.769	4.877	
2400	x	2100	2542	2800	129	200	200	2300	205	1055	200	3.227	4.392	5.149	5.257	
2400	x	2250	2552	2800	124	200	200	2450	205	1055	200	3.323	4.487	5.531	5.639	
2400	x	2400	2564	2800	118	200	200	2600	205	1055	200	3.408	4.573	5.917	6.025	

Note: 1 Meter Length

The company reserves the right to alter specifications without prior notice.



E-RETE (MALAYA) SDN. BHD.

LARGE PRECAST R.C. OPEN DRAINS

Large Precast R.C. Open Drains: Nominal widths from 2100mm to 3600mm

Nominal Size			Dimensions									Weight (Tonnes)		Water Area	
B	x	h	A	C	E	F	G	H	I	J	r	Invert	Invert c/w DWF	Invert	Invert c/w DWF
mm	x	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			Meter. ²	
2700	x	1200	2782	3100	159	200	200	1400	205	1055	200	2.727	4.045	3.249	3.357
2700	x	1350	2792	3100	154	200	200	1550	205	1055	200	2.845	4.163	3.667	3.775
2700	x	1500	2802	3100	149	200	200	1700	205	1055	200	2.959	4.277	4.087	4.195
2700	x	1650	2812	3100	144	200	200	1850	205	1055	200	3.069	4.387	4.507	4.616
2700	x	1800	2822	3100	139	200	200	2000	205	1055	200	3.176	4.494	4.930	5.038
2700	x	1950	2832	3100	134	200	200	2150	205	1055	200	3.278	4.597	5.354	5.462
2700	x	2100	2842	3100	129	200	200	2300	205	1055	200	3.377	4.696	5.779	5.887
2700	x	2250	2852	3100	124	200	200	2450	205	1055	200	3.473	4.791	6.206	6.314
2700	x	2400	2864	3100	118	200	200	2600	205	1055	200	3.558	4.876	6.637	6.745
2700	x	2700	2884	3100	108	200	200	2900	205	1055	200	3.729	5.047	7.498	7.607
3000	x	1350	3092	3400	154	200	200	1550	205	1055	200	2.995	4.467	4.072	4.18
3000	x	1500	3102	3400	149	200	200	1700	205	1055	200	3.109	4.581	4.537	4.645
3000	x	1650	3112	3400	144	200	200	1850	205	1055	200	3.219	4.691	5.002	5.111
3000	x	1800	3122	3400	139	200	200	2000	205	1055	200	3.326	4.798	5.470	5.578
3000	x	1950	3132	3400	134	200	200	2150	205	1055	200	3.428	4.900	5.939	6.047
3000	x	2100	3142	3400	129	200	200	2300	205	1055	200	3.527	4.999	6.409	6.517
3000	x	2250	3152	3400	124	200	200	2450	205	1055	200	3.623	5.095	6.881	6.989
3000	x	2400	3164	3400	118	200	200	2600	205	1055	200	3.708	5.180	7.357	7.465
3000	x	2550	3174	3400	113	200	200	2750	205	1055	200	3.795	5.268	7.832	7.940
3000	x	2700	3184	3400	108	200	200	2900	205	1055	200	3.879	5.351	8.308	8.417
3000	x	2850	3194	3400	103	200	200	3050	205	1055	200	3.959	5.431	8.786	8.895
3000	x	3000	3204	3400	98	200	200	3200	205	1055	200	4.035	5.507	9.266	9.374
3300	x	1500	3402	3700	149	200	200	1700	205	1055	200	3.259	4.885	4.987	5.095
3300	x	1650	3412	3700	144	200	200	1850	205	1055	200	3.369	4.995	5.497	5.606
3300	x	1800	3422	3700	139	200	200	2000	205	1055	200	3.476	5.101	6.010	6.118
3300	x	1950	3432	3700	134	200	200	2150	205	1055	200	3.578	5.204	6.524	6.632
3300	x	2100	3442	3700	129	200	200	2300	205	1055	200	3.677	5.303	7.039	7.147
3300	x	2250	3452	3700	124	200	200	2450	205	1055	200	3.773	5.398	7.556	7.664
3300	x	2400	3464	3700	118	200	200	2600	205	1055	200	3.858	5.484	8.077	8.185
3300	x	2550	3474	3700	113	200	200	2750	205	1055	200	3.945	5.571	8.597	8.705
3300	x	2700	3484	3700	108	200	200	2900	205	1055	200	4.029	5.655	9.118	9.227
3300	x	2850	3494	3700	103	200	200	3050	205	1055	200	4.109	5.735	9.641	9.750
3300	x	3000	3504	3700	98	200	200	3200	205	1055	200	4.185	5.811	10.166	10.274
3600	x	1650	3712	4000	144	200	200	1850	205	1055	200	3.519	5.299	5.992	6.101
3600	x	1800	3722	4000	139	200	200	2000	205	1055	200	3.626	5.405	6.550	6.658
3600	x	1950	3732	4000	134	200	200	2150	205	1055	200	3.728	5.508	7.109	7.217
3600	x	2100	3742	4000	129	200	200	2300	205	1055	200	3.827	5.607	7.669	7.777
3600	x	2250	3752	4000	124	200	200	2450	205	1055	200	3.923	5.702	8.231	8.339
3600	x	2400	3764	4000	118	200	200	2600	205	1055	200	4.008	5.788	8.797	8.905
3600	x	2550	3774	4000	113	200	200	2750	205	1055	200	4.095	5.875	9.362	9.470
3600	x	2700	3784	4000	108	200	200	2900	205	1055	200	4.179	5.959	9.928	10.037
3600	x	2850	3794	4000	103	200	200	3050	205	1055	200	4.259	6.039	10.496	10.605
3600	x	3000	3804	4000	98	200	200	3200	205	1055	200	4.335	6.115	11.066	11.174

Note: 1 Meter Length

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