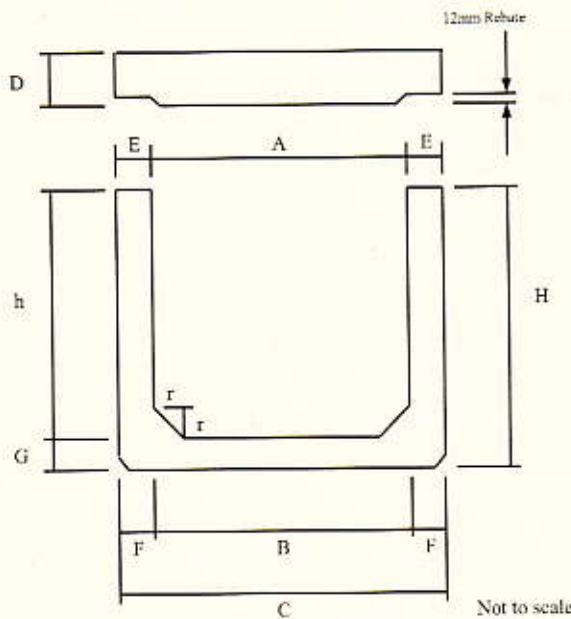




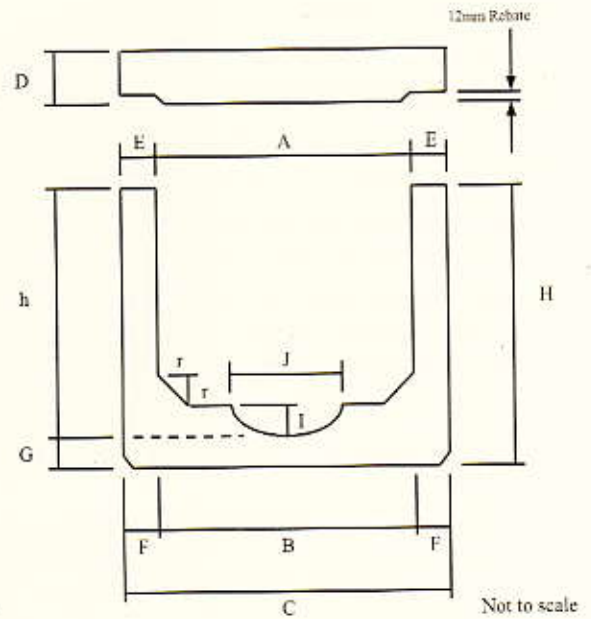
E-RETE (MALAYA) SDN. BHD

STANDARD PRECAST R.C. BOX CULVERTS

Incorporated With / Without Dry Weather Flow Section



Standard Precast R.C. Box Culverts



Standard Precast R.C. Box Culverts
c/w DWF Section

Standard Precast R.C. Box Culverts: Nominal widths from 300mm to 1800mm

Nominal Size			Dimensions									Weight (Tonnes)					
B	x	h	A	C	D	E	F	G	H	I	J	r	Lid	Invert	Invert c/w DWF	Wt/set	Wt/set c/w DWF
mm	x	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
300	x	225	300	440	140	70	70	70	295	70	150	50	0.154	0.162	0.201	0.316	0.355
300	x	300	300	440	140	70	70	70	370	70	150	50	0.154	0.188	0.228	0.342	0.382
300	x	450	300	440	140	70	70	70	520	70	150	50	0.154	0.241	0.280	0.395	0.434
300	x	600	300	440	140	70	70	70	670	70	150	50	0.154	0.293	0.333	0.447	0.487
450	x	300	450	590	140	70	70	70	370	70	300	50	0.207	0.215	0.267	0.421	0.474
450	x	450	450	590	140	70	70	70	520	70	300	50	0.207	0.267	0.320	0.474	0.526
450	x	600	450	590	140	70	70	70	670	70	300	50	0.207	0.320	0.372	0.526	0.579
450	x	750	450	590	140	70	70	70	820	70	300	50	0.207	0.372	0.425	0.579	0.631

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. BOX CULVERTS

Standard Precast R.C. Box Culverts: Nominal widths from 300mm to 1800mm

Nominal Size			Dimensions										Weight (Tonnes)				
B	x	h	A	C	D	E	F	G	H	I	J	r	Lid	Invert	Invert c/w DWF	Wt/set	Wt/set c/w DWF
mm	x	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
600	x	225	606	740	140	67	70	70	295	70	300	45	0.259	0.212	0.291	0.471	0.550
600	x	300	610	740	140	65	70	70	370	70	300	45	0.259	0.236	0.315	0.495	0.574
600	x	450	616	740	140	62	70	70	520	70	300	45	0.259	0.283	0.363	0.542	0.622
600	x	600	620	740	140	60	70	70	670	70	300	45	0.259	0.330	0.410	0.589	0.669
750	x	300	758	890	140	66	70	75	375	80	450	55	0.312	0.276	0.382	0.588	0.694
750	x	450	762	890	140	64	70	75	525	80	450	55	0.312	0.325	0.431	0.637	0.743
750	x	600	766	890	140	62	70	75	675	80	450	55	0.312	0.372	0.479	0.684	0.791
750	x	750	768	890	140	61	70	75	825	80	450	55	0.312	0.420	0.527	0.732	0.838
900	x	300	908	1060	150	76	80	80	380	80	450	55	0.398	0.337	0.472	0.734	0.870
900	x	450	910	1060	150	75	80	80	530	80	450	55	0.398	0.394	0.530	0.791	0.927
900	x	600	914	1060	150	73	80	80	680	80	450	55	0.398	0.449	0.585	0.847	0.983
900	x	750	918	1060	150	71	80	80	830	80	450	55	0.398	0.503	0.639	0.900	1.037
900	x	900	920	1060	150	70	80	80	980	80	450	55	0.398	0.557	0.694	0.955	1.092
1200	x	300	1206	1370	150	82	85	90	390	160	600	65	0.514	0.444	0.805	0.958	1.319
1200	x	450	1208	1370	150	81	85	90	540	160	600	65	0.514	0.506	0.867	1.019	1.381
1200	x	600	1210	1370	150	80	85	90	690	160	600	65	0.514	0.566	0.928	1.080	1.442
1200	x	750	1214	1370	150	78	85	90	840	160	600	65	0.514	0.624	0.987	1.138	1.501
1200	x	900	1216	1370	150	77	85	90	990	160	600	65	0.514	0.683	1.047	1.197	1.560
1200	x	1050	1218	1370	150	76	85	90	1140	160	600	65	0.514	0.741	1.105	1.255	1.619
1200	x	1200	1220	1370	150	75	85	90	1290	160	600	65	0.514	0.799	1.163	1.313	1.677
1500	x	600	1516	1720	180	102	110	110	710	180	900	90	0.774	0.811	1.287	1.585	2.061
1500	x	750	1520	1720	180	100	110	110	860	180	900	90	0.774	0.887	1.364	1.661	2.138
1500	x	900	1524	1720	180	98	110	110	1010	180	900	90	0.774	0.961	1.439	1.735	2.213
1500	x	1050	1528	1720	180	96	110	110	1160	180	900	90	0.774	1.034	1.513	1.808	2.287
1500	x	1200	1532	1720	180	94	110	110	1310	180	900	90	0.774	1.105	1.585	1.879	2.359
1500	x	1350	1536	1720	180	92	110	110	1460	180	900	90	0.774	1.175	1.656	1.949	2.430
1500	x	1500	1540	1720	180	90	110	110	1610	180	900	90	0.774	1.243	1.725	2.017	2.499
1800	x	750	1818	2050	215	116	125	125	875	180	900	100	1.102	1.118	1.729	2.219	2.831
1800	x	900	1822	2050	215	114	125	125	1025	180	900	100	1.102	1.203	1.816	2.305	2.918
1800	x	1050	1826	2050	215	112	125	125	1175	180	900	100	1.102	1.288	1.901	2.390	3.003
1800	x	1200	1830	2050	215	110	125	125	1325	180	900	100	1.102	1.371	1.985	2.473	3.087
1800	x	1350	1834	2050	215	108	125	125	1475	180	900	100	1.102	1.452	2.067	2.554	3.169
1800	x	1500	1838	2050	215	106	125	125	1625	180	900	100	1.102	1.532	2.148	2.634	3.250
1800	x	1650	1842	2050	215	104	125	125	1775	180	900	100	1.102	1.610	2.227	2.712	3.329
1800	x	1800	1846	2050	215	102	125	125	1925	180	900	100	1.102	1.687	2.305	2.789	3.407

Note: Standard length is 1000 mm.

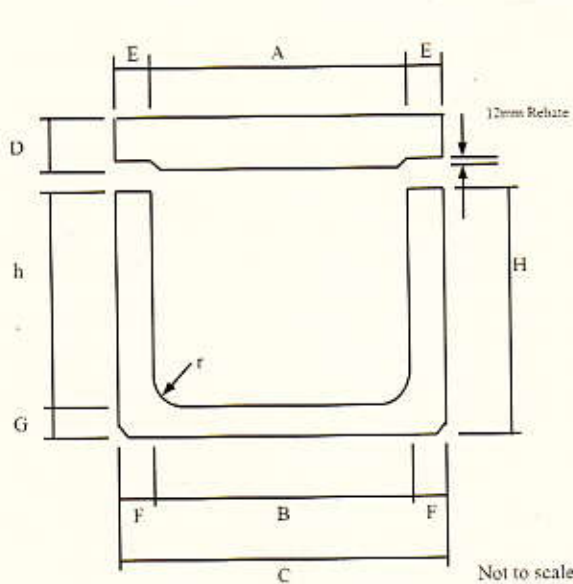
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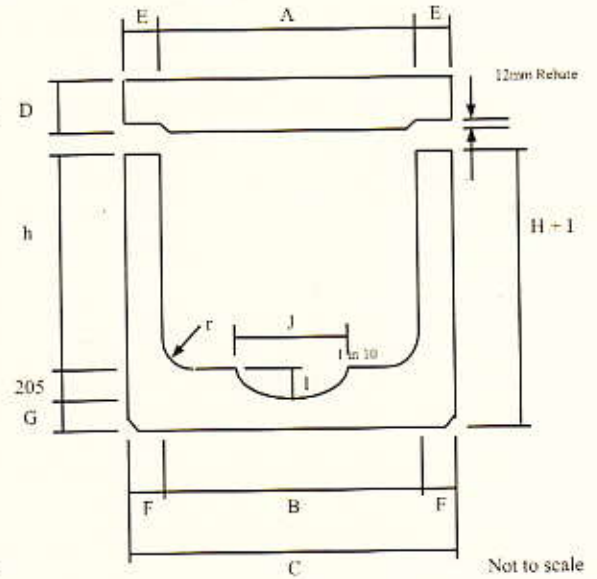
E-RETE (MALAYA) SDN. BHD.

LARGE PRECAST R.C. BOX CULVERTS

Incorporated With / Without Dry Weather Flow Section



Large Precast R.C. Box Culverts



Large Precast R.C. Box Culverts
Incorporated With A Dry Weather Flow Section

Large Precast R.C. Box Culverts: Nominal widths from 2100mm to 3600mm

Nominal Size			Dimensions										Weight (Tonnes)				
B	x	h	A	C	D	E	F	G	H	I	J	r	Lid	Invert	Invert	Wt/set	Wt/set
mm	x	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			c/w		c/w
															DWF		DWF
2100	x	900	2100	2500	215	200	200	200	1100	205	1055	200	1.344	2.250	3.261	3.594	4.605
2100	x	1050	2100	2500	215	200	200	200	1250	205	1055	200	1.344	2.400	3.411	3.744	4.755
2100	x	1200	2100	2500	215	200	200	200	1400	205	1055	200	1.344	2.550	3.561	3.894	4.905
2100	x	1350	2100	2500	215	200	200	200	1550	205	1055	200	1.344	2.700	3.711	4.044	5.055
2100	x	1500	2100	2500	215	200	200	200	1700	205	1055	200	1.344	2.850	3.861	4.194	5.205
2100	x	1650	2100	2500	215	200	200	200	1850	205	1055	200	1.344	3.000	4.011	4.344	5.355
2100	x	1800	2100	2500	215	200	200	200	2000	205	1055	200	1.344	3.150	4.161	4.494	5.505
2100	x	1950	2100	2500	215	200	200	200	2150	205	1055	200	1.344	3.300	4.311	4.644	5.655
2100	x	2100	2100	2500	215	200	200	200	2300	205	1055	200	1.344	3.450	4.461	4.794	5.805
2400	x	1050	2400	2800	215	200	200	200	1250	205	1055	200	1.505	2.550	3.715	4.055	5.220
2400	x	1200	2400	2800	215	200	200	200	1400	205	1055	200	1.505	2.700	3.865	4.205	5.370
2400	x	1350	2400	2800	215	200	200	200	1550	205	1055	200	1.505	2.850	4.015	4.355	5.520
2400	x	1500	2400	2800	215	200	200	200	1700	205	1055	200	1.505	3.000	4.165	4.505	5.670
2400	x	1650	2400	2800	215	200	200	200	1850	205	1055	200	1.505	3.150	4.315	4.655	5.820
2400	x	1800	2400	2800	215	200	200	200	2000	205	1055	200	1.505	3.300	4.465	4.805	5.970
2400	x	1950	2400	2800	215	200	200	200	2150	205	1055	200	1.505	3.450	4.615	4.955	6.120
2400	x	2100	2400	2800	215	200	200	200	2300	205	1055	200	1.505	3.600	4.765	5.105	6.270
2400	x	2250	2400	2800	215	200	200	200	2450	205	1055	200	1.505	3.750	4.915	5.255	6.420
2400	x	2400	2400	2800	215	200	200	200	2600	205	1055	200	1.505	3.900	5.065	5.405	6.570

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. BOX CULVERTS

Large Precast R.C. Box Culverts: Nominal widths from 2100mm to 3600mm

Nominal Size			Dimensions										Weight (Tonnes)				
B	x	h	A	C	D	E	F	G	H	I	J	r	Lid	Invert	Invert c/w DWF	Wt/set	Wt/set c/w DWF
mm	x	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
2700	x	1200	2700	3100	215	200	200	200	1400	205	1055	200	1.666	2.850	4.168	4.516	5.835
2700	x	1350	2700	3100	215	200	200	200	1550	205	1055	200	1.666	3.000	4.318	4.666	5.985
2700	x	1500	2700	3100	215	200	200	200	1700	205	1055	200	1.666	3.150	4.468	4.816	6.135
2700	x	1650	2700	3100	215	200	200	200	1850	205	1055	200	1.666	3.300	4.618	4.966	6.285
2700	x	1800	2700	3100	215	200	200	200	2000	205	1055	200	1.666	3.450	4.768	5.116	6.435
2700	x	1950	2700	3100	215	200	200	200	2150	205	1055	200	1.666	3.600	4.918	5.266	6.585
2700	x	2100	2700	3100	215	200	200	200	2300	205	1055	200	1.666	3.750	5.068	5.416	6.735
2700	x	2250	2700	3100	215	200	200	200	2450	205	1055	200	1.666	3.900	5.218	5.566	6.885
2700	x	2400	2700	3100	215	200	200	200	2600	205	1055	200	1.666	4.050	5.368	5.716	7.035
2700	x	2700	2700	3100	215	200	200	200	2900	205	1055	200	1.666	4.350	5.668	6.016	7.335
3000	x	1350	3000	3400	260	200	200	200	1550	205	1055	200	2.210	3.150	4.622	5.360	6.832
3000	x	1500	3000	3400	260	200	200	200	1700	205	1055	200	2.210	3.300	4.772	5.510	6.982
3000	x	1650	3000	3400	260	200	200	200	1850	205	1055	200	2.210	3.450	4.922	5.660	7.132
3000	x	1800	3000	3400	260	200	200	200	2000	205	1055	200	2.210	3.600	5.072	5.810	7.282
3000	x	1950	3000	3400	260	200	200	200	2150	205	1055	200	2.210	3.750	5.222	5.960	7.432
3000	x	2100	3000	3400	260	200	200	200	2300	205	1055	200	2.210	3.900	5.372	6.110	7.582
3000	x	2250	3000	3400	260	200	200	200	2450	205	1055	200	2.210	4.050	5.522	6.260	7.732
3000	x	2400	3000	3400	260	200	200	200	2600	205	1055	200	2.210	4.200	5.672	6.410	7.882
3000	x	2550	3000	3400	260	200	200	200	2750	205	1055	200	2.210	4.350	5.822	6.560	8.032
3000	x	2700	3000	3400	260	200	200	200	2900	205	1055	200	2.210	4.500	5.972	6.710	8.182
3000	x	2850	3000	3400	260	200	200	200	3050	205	1055	200	2.210	4.650	6.122	6.860	8.332
3000	x	3000	3000	3400	260	200	200	200	3200	205	1055	200	2.210	4.800	6.272	7.010	8.482
3300	x	1500	3300	3700	260	200	200	200	1700	205	1055	200	2.405	3.450	5.076	5.855	7.481
3300	x	1650	3300	3700	260	200	200	200	1850	205	1055	200	2.405	3.600	5.226	6.005	7.631
3300	x	1800	3300	3700	260	200	200	200	2000	205	1055	200	2.405	3.750	5.376	6.155	7.781
3300	x	1950	3300	3700	260	200	200	200	2150	205	1055	200	2.405	3.900	5.526	6.305	7.931
3300	x	2100	3300	3700	260	200	200	200	2300	205	1055	200	2.405	4.050	5.676	6.455	8.081
3300	x	2250	3300	3700	260	200	200	200	2450	205	1055	200	2.405	4.200	5.826	6.605	8.231
3300	x	2400	3300	3700	260	200	200	200	2600	205	1055	200	2.405	4.350	5.976	6.755	8.381
3300	x	2550	3300	3700	260	200	200	200	2750	205	1055	200	2.405	4.500	6.126	6.905	8.531
3300	x	2700	3300	3700	260	200	200	200	2900	205	1055	200	2.405	4.650	6.276	7.055	8.681
3300	x	2850	3300	3700	260	200	200	200	3050	205	1055	200	2.405	4.800	6.426	7.205	8.831
3300	x	3000	3300	3700	260	200	200	200	3200	205	1055	200	2.405	4.950	6.576	7.355	8.981
3600	x	1650	3600	4000	260	200	200	200	1850	205	1055	200	2.600	3.750	5.530	6.350	8.130
3600	x	1800	3600	4000	260	200	200	200	2000	205	1055	200	2.600	3.900	5.680	6.500	8.280
3600	x	1950	3600	4000	260	200	200	200	2150	205	1055	200	2.600	4.050	5.830	6.650	8.430
3600	x	2100	3600	4000	260	200	200	200	2300	205	1055	200	2.600	4.200	5.980	6.800	8.580
3600	x	2250	3600	4000	260	200	200	200	2450	205	1055	200	2.600	4.350	6.130	6.950	8.730
3600	x	2400	3600	4000	260	200	200	200	2600	205	1055	200	2.600	4.500	6.280	7.100	8.880
3600	x	2550	3600	4000	260	200	200	200	2750	205	1055	200	2.600	4.650	6.430	7.250	9.030
3600	x	2700	3600	4000	260	200	200	200	2900	205	1055	200	2.600	4.800	6.580	7.400	9.180
3600	x	2850	3600	4000	260	200	200	200	3050	205	1055	200	2.600	4.950	6.730	7.550	9.330
3600	x	3000	3600	4000	260	200	200	200	3200	205	1055	200	2.600	5.100	6.880	7.700	9.480

Note: Standard length is 1000 mm.

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