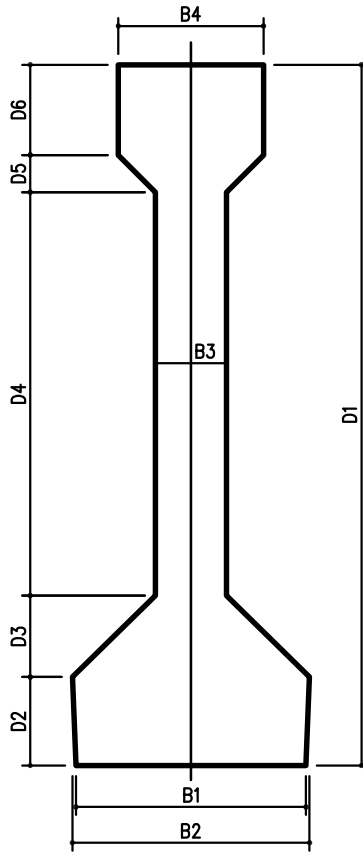


I BEAM



Typical spacing = 1.5m to 2.5m c/c

DIMENSIONS

BEAM TYPE	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6
I1	410	410	150	360	710	125	130	305	105	45
I2	410	410	150	360	760	125	130	305	105	95
I3	410	410	150	360	840	125	130	385	105	95
I4	510	510	150	360	915	150	180	385	105	95
I5	510	510	150	360	965	150	180	385	105	145
I6	510	510	150	360	1040	150	180	460	105	145
I7	510	510	150	360	1120	150	180	540	105	145
I8	600	620	150	360	1220	200	230	540	105	145
I9	600	620	150	360	1295	200	230	615	105	145
I10	600	620	150	360	1370	200	230	690	105	145
I11	600	620	150	360	1425	200	230	690	105	200
I12	510	510	200	410	1420	200	155	760	105	200
I13	510	510	200	410	1475	200	155	760	105	255
I14	510	510	200	410	1550	200	155	835	105	255
I15	600	620	200	410	1600	200	205	835	105	255
I16	600	620	200	410	1675	200	205	910	105	255
I17	600	620	200	410	1725	250	205	910	105	255
I18	650	670	200	410	1830	250	230	990	105	255
I19	650	670	200	410	1905	250	230	1065	105	255
I20	650	670	200	410	1980	250	230	1140	105	255

Section properties		Design self weight per unit volume has been taken as 25kN/m ³				
Section No	Depth (mm)	Area (mm) ²	Yb (mm)	Zt (mm ³ x 10 ⁶)	Zb (mm ³ x 10 ⁶)	App self weight KN/m ³
I1	710	176375	318	24.3755	30.0100	4.409
I2	760	194375	357	30.7322	34.7257	4.859
I3	840	206375	395	36.5396	41.2450	5.159
I4	915	254625	391	44.0216	58.9453	6.366
I5	965	272625	427	52.3204	65.8034	6.816
I6	1040	283875	461	59.5644	74.7600	7.097
I7	1120	295875	497	67.6689	84.6753	7.397
I8	1220	370525	492	80.6986	119.4520	9.263
I9	1295	381775	523	89.5018	132.2830	9.544
I10	1370	393025	554	98.6710	145.4690	9.826
I11	1425	412825	594	113.1060	158.1580	10.321
I12	1420	423050	668	124.3560	140.1860	10.576
I13	1475	445600	707	138.8080	150.7910	11.140
I14	1550	460600	744	151.3430	164.0690	11.515
I15	1600	509625	724	165.9870	200.6910	12.741
I16	1675	524625	760	179.7740	216.6340	13.116
I17	1725	555125	767	190.1690	237.7570	13.878
I18	1830	599625	792	213.0987	280.1720	14.991
I19	1905	614625	827	229.5550	299.5040	15.366
I20	1980	629625	861	245.5530	319.2350	15.741