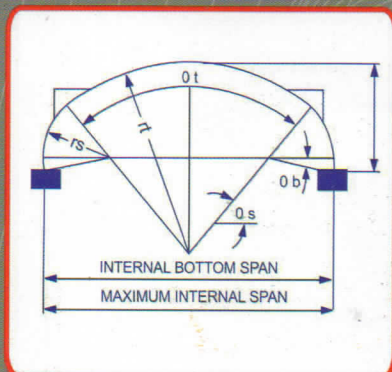


E.8 MULTI PLATE SUPERSPAN LOW PROFILE ARCH



STRUCTURE NUMBER	MAX SPAN (m)	BOTTOM SPAN (m)	TOTAL RISE (m)	NOMINAL PERIPHERY (Keilling) (m)	APPROXIMATE AREA (Luas) (m ²)	TOP RADIUS RT (m)	SIDE RADIUS RS (m)	ANGLE BELOW HORZ	TOP STEP (m)
27A8	7.08	7.02	2.77	10.105	15.9	4.514	1.792	11'	1.06
28A8	7.30	7.23	2.81	10.340	16.6	4.683	1.792	11'	1.10
29A8	7.52	7.45	2.85	10.575	17.3	4.851	1.792	11'	1.13
30A8	7.73	7.67	2.89	10.810	18.0	5.019	1.792	11'	1.17
31A8	7.95	7.88	2.93	11.045	18.7	5.187	1.792	11'	1.21
32A8	8.17	8.10	2.97	11.280	19.5	5.356	1.792	11'	1.25
33A8	8.38	8.32	3.01	11.515	20.2	5.524	1.792	11'	1.29
34A11	9.07	8.98	3.68	13.160	27.0	5.692	2.454	11'	1.33
35A11	9.29	9.20	3.72	13.395	28.0	5.864	2.454	11'	1.37
36A11	9.50	9.41	3.76	11.630	28.9	6.029	2.454	11'	1.41
37A11	9.72	9.63	3.80	13.865	29.8	6.197	2.454	11'	1.45
38A11	9.94	9.85	3.84	14.100	30.8	6.366	2.454	11'	1.49
39A11	10.15	10.06	3.88	14.335	31.7	6.534	2.454	11'	1.53
40A11	10.37	10.28	3.92	14.570	32.7	6.702	2.454	11'	1.57
41A12	10.74	10.64	4.17	15.275	36.1	6.871	2.675	11'	1.61
42A12	10.96	10.86	4.21	15.510	37.1	7.039	2.675	11'	1.65
43A12	11.18	11.08	4.25	15.745	38.2	7.207	2.675	11'	1.69
44A12	11.39	11.29	4.29	15.980	39.2	7.375	2.675	11'	1.73
45A12	11.61	11.51	4.32	16.215	40.3	7.544	2.675	11'	1.76

TABLE 22

