

Design No.	Clear Span	Clear Height	Bridge Length	DIMENSIONS				BARREL REINFORCING													WING REINFORCING (4 Wings)												CURTAIN WALL REINFORCING				CURB REINFORCING		QUANTITIES #																																	
				BARREL		WINGS		A1 BARS		A2 BARS		A3 BARS		A4 BARS		B1 BARS		B2 BARS		B3 BARS		B4 BARS		C BARS		D1 BARS		D2 BARS		D3 BARS		D4 BARS		D5 BARS		D6 BARS		E1 BARS		E2 BARS		E3 BARS		F1 BARS		F2 BARS		G BARS		H1 BARS		H2 BARS		CONC. (m <sup>3</sup> )		REINF. (kg.)																
				T1	T2	T3	V	A	B	C	D	E	F	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH							
1	1500	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	98	2040	36	970	1910	#13	2040	36	#13	970	1910	44	#13	1700	48	#13	1130	3080	24	1030	2280	32	2850	72	850	1430	1470	40	3230	14	760	14	430	94	92	6800	46	5.56/m	23.9	544.8/m	1346	1
2	3000	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	104	2540	44	1170	2410	#13	2540	44	#13	1170	2410	52	#13	1900	56	#13	1130	3840	32	1040	2960	40	3550	88	850	1610	1650	40	3930	16	160	15	830	104	102	6800	46	6.01/m	30.2	544.8/m	1643	2
3	3000	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	110	3040	52	1370	2910	#13	3040	52	#13	1370	2910	60	#13	2100	64	#13	1130	4600	40	1050	3650	40	4250	104	850	1780	1820	40	4630	17	560	17	230	112	110	6800	46	6.46/m	37.3	570.7/m	1930	3
4	3500	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	116	3540	64	1570	3410	#16	3540	64	#16	1570	3410	72	#16	2300	76	#16	1250	5360	48	1060	4340	48	4950	128	850	1960	2000	48	5330	18	960	18	630	122	120	6800	46	6.91/m	45.3	591.2/m	2645	4
5	3500	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	106	2050	36	980	1920	#13	2050	36	#13	980	1920	44	#13	1710	48	#13	1130	3080	24	1030	2280	32	2850	72	850	1430	1470	40	3230	15	760	15	430	100	98	7800	54	6.33/m	24.8	568.7/m	1398	5
6	3500	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	112	2550	44	1180	2420	#13	2550	44	#13	1180	2420	52	#13	1910	56	#13	1130	3840	32	1040	2960	40	3550	88	850	1610	1650	40	3930	17	160	16	830	110	108	7800	54	6.78/m	31.2	594.6/m	1695	6
7	3500	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	118	3050	52	1380	2920	#13	3050	52	#13	1380	2920	60	#13	2110	64	#13	1130	4600	40	1050	3650	40	4250	104	850	1780	1820	40	4630	18	560	18	230	120	118	7800	54	7.23/m	38.3	643.5/m	1992	7
8	3500	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	124	3550	64	1580	3420	#16	3550	64	#16	1580	3420	72	#16	2310	76	#16	1250	5360	48	1060	4340	48	4950	128	850	1960	2000	48	5330	19	960	19	630	130	128	7800	54	7.68/m	45.1	673.0/m	2706	8
9	3500	2000	2500	6900	290	320	300	2110	2500	1090	1000	1570	3330	5380	#16	7150	#16	6800	#16	6800	#16	6800	#13	1700	#13	2090	#16	1800	#13	1000	130	4050	72	1780	3920	#19	4050	72	#19	1780	3920	80	#19	2510	84	#19	1400	6120	56	1060	5040	56	5650	144	850	2130	2170	48	6030	21	360	21	030	138	136	7800	54	8.13/m	55.1	702.6/m	3586	9
10	4000	2000	2500	8900	310	340	300	2650	3200	1390	1220	1750	4030	7380	#19	9200	#19	8800	#19	8800	#19	8800	#13	2270	#16	2610	#19	2200	#13	1000	128	2560	44	1190	2430	#13	2560	44	#13	1190	2430	52	#13	1920	56	#13	1130	3840	32	1040	2960	40	3550	88	850	1610	1650	40	3930	18	160	17	830	116	114	8800	62	7.59/m	32.1	862.6/m	1748	10
11	4000	2000	2500	8900	310	340	300	2650	3200	1390	1220	1750	4030	7380	#19	9200	#19	8800	#19	8800	#19	8800	#13	2270	#16	2610	#19	2200	#13	1000	134	3060	52	1390	2930	#13	3060	52	#13	1390	2930	60	#13	2120	64	#13	1130	4600	40	1050	3650	40	4250	104	850	1780	1820	40	4630	19	560	19	230	126	124	8800	62	8.04/m	39.2	892.2/m	2045	11
12	4000	2000	2500	8900	310	340	300	2650	3200	1390	1220	1750	4030	7380	#19	9200	#19	8800	#19	8800	#19	8800	#13	2270	#16	2610	#19	2200	#13	1000	140	3560	64	1590	3430	#16	3560	64	#16	1590	3430	72	#16	2320	76	#16	1250	5360	48	1060	4340	48	4950	128	850	1960	2000	48	5330	20	960	20	630	136	134	8800	62	8.49/m	47.2	954.6/m	2760	12
13	4000	2000	2500	8900	310	340	300	2650	3200	1390	1220	1750	4030	7380	#19	9200	#19	8800	#19	8800	#19	8800	#13	2270	#16	2610	#19	2200	#13	1000	146	4060	72	1790	3930	#19	4060	72	#19	1790	3930	80	#19	2520	84	#19	1400	6120	56	1060	5040	56	5650	144	850	2130	2170	48	6030	22	360	22	030	144	142	8800	62	8.94/m	56.1	988.7/m	3622	13
14	4000	2000	2500	8900	310	340	300	2650	3200	1390	1220	1750	4030	7380	#19	9200	#19	8800	#19	8800	#19	8800	#13	2270	#16	2610	#19	2200	#13	1000	152	4560	80	1890	4430	#22	4560	80	#22	1890	4430	88	#22	2720	92	#22	1640	6890	64	1070	5730	56	6350	160	850	2300	2340	56	6730	23	760	23	430	154	152	8800	62	9.39/m	65.8	1022.8/m	4813	14
15	4500	2000	2500	9900	320	350	300	2670	3200	1390	1230	1750	4030	7380	#22	10300	#22	9800	#22	9800	#22	9800	#13	2230	#19	2620	#19	2200	#13	1000	138	2570	44	1200	2440	#13	2570	44	#13	1200	2440	52	#13	1930	56	#13	1130	3840	32	1040	2960	40	3550	88	850	1610	1650	40	3930	19	160	18	830	124	122	9800	68	8.43/m	32.9	1171.5/m	1805	15
16	4500	2000	2500	9900	320	350	300	2670	3200	1390	1230	1750	4030	7380	#22	10300	#22	9800	#22	9800	#22	9800	#13	2230	#19	2620	#19	2200	#13	1000	144	3070	52	1400	2940	#13	3070	52	#13	1400	2940	60	#13	2130	64	#13	1130	4600	40	1050	3650	40	4250	104	850	1780	1820	40	4630	20	560	20	230	132	130	9800	68	8.88/m	40.1	1205.7/m	2095	16
17	4500	2000	2500	9900	320	350	300	2670	3200	1390	1230	1750	4030	7380	#22	10300	#22	9800	#22	9800	#22	9800	#13	2230	#19	2620	#19	2200	#13	1000	150	3570	64	1780	3440	#16	3570	64	#16	1780	3440	72	#16	2330	76	#16	1250	5360	48	1060	4340	48	4950	128	850	1960	2000	48	5330	21	960	21	630	142	140	9800	68	9.33/m	48.2	1287.8/m	2812	17
18	4500	2000	2500	9900	320	350	300	2670	3200	1390	1230	1750	4030	7380	#22	10300	#22	9800	#22	9800	#22	9800	#13	2230	#19	2620	#19	2200	#13	1000	156	4070	72	1800	3940	#19	4070	72	#19	1800	3940	80	#19	2530	84	#19	1400	6120	56	1060	5040	56	5650	144	850	2130	2170	48	6030	23	360	23	030	152	150	9800	68	9.78/m	57.0	1387.2/m	3682	18
19	4500	2000	2500	9900	320	350	300	2670	3200	1390	1230	1750	4030	7380	#22	10300	#22	9800	#22	9800	#22	9800	#13	2230	#19	2620	#19	2200	#13	1000	162	4570	80	2000	4440	#22	4570	80	#22	2000	4440	88	#22	2730	92	#22	1640	6890	64	1070	5740	56	6350	160	850	2300	2340	56	6730													