



TABLE OF RING SEGMENT DATA FOR EACH PIPE SIZE (Do)

Do	K	W	Ds	DL	X1	X2	Approx. Length of Curved Bars (Inches (mm))							Approx. Radius of Curved Bars (Inches (mm))						Number of Frames	Co		CF		Reinforcing Bar Size		Section Number																						
							A	B	C	D	E	F	G	RA	RB	RC	RD	RE	RF		RG	Inches	mm	Inches	mm	Feet		m																					
36	914	6	152	4	102	0.625	16	1.5	38	2.00	51	1.00	25	17.1	434	12.2	310	7.2	183								3	1.0	25	1.5	38	*4	*13	I															
42	1067	7	178	5	127	0.625	16	2.0	51	2.50	64	1.00	25	21.0	533	14.9	378	8.7	221																														
48	1219	8	203	6	152	0.750	19	2.0	51	3.00	76	1.25	32	23.7	602	17.6	447	11.4	290																														
54	1372	9	229	7	178	1.000	25	3.0	76	3.30	84	1.50	38	27.6	701	20.3	516	12.9	328																														
60	1524	10	254	7	178					3.50	89			31.6	803	22.9	582	14.3	363																														
66	1676	11	279	8	203					4.00	102			35.5	902	28.9	734	22.4	569	15.8	401																												
72	1829	12	305	8	203	1.000	25			4.00	102			39.4	1001	32.0	813	24.6	625	17.2	437																												
78	1981	13	330	8	203	1.250	32	3.0	76	4.00	102	1.50	38	43.3	1100	37.2	945	31.0	787	24.9	632	18.7	475																										
84	2134	14	356	9	229	1.625	41	4.0	102	4.50	114	2.00	51	47.3	1201	40.5	1029	33.7	856	27.0	686	20.2	513																										
90	2286	15	381											51.2	1300	43.8	1113	36.4	925	29.0	737	21.6	549																										
96	2438	16	406											55.1	1400	48.7	1237	42.3	1074	35.9	912	29.5	749	23.1	587																								
102	2591	17	432							4.50	114			59.0	1499	52.2	1326	45.3	1151	38.4	975	31.5	800	24.6	625																								
108	2743	18	457	9	229					5.00	127			61.7	1567	54.8	1392	48.0	1219	41.0	1041	34.2	869	27.3	693																								
114	2896	19	483	10	254									65.7	1669	58.3	1481	51.0	1295	43.5	1105	36.1	917	28.7	729																								
120	3048	20	508			1.625	41			2.00	51			69.6	1768	61.7	1567	53.8	1367	46.0	1168	38.0	965	30.2	767																								
126	3200	21	533			1.750	44			2.50	64			73.5	1867	65.1	1654	56.8	1443	48.4	1229	40.0	1016	31.6	803																								
132	3353	22	559											77.5	1968	68.6	1742	59.7	1516	50.8	1290	42.0	1067	33.1	841																								
138	3505	23	584											81.4	2068	72.0	1829	62.7	1593	53.3	1354	44.0	1118	34.6	879																								
144	3658	24	610							5.00	127			85.3	2167	75.5	1918	65.6	1666	55.7	1415	46.0	1168	36.0	914																								
150	3810	25	635							5.50	140			89.2	2266	79.0	2007	68.5	1740	58.2	1478	48.0	1219	37.5	953																								
156	3962	26	660	10	254					5.50	140			93.2	2367	82.3	2090	71.5	1816	60.6	1539	49.8	1265	39.0	991																								
162	4115	27	686	12	305	1.750	44	5.0	127	6.00	152	2.50	64	97.0	2464	87.7	2228	78.2	1986	69.0	1753	59.3	1506	50.0	1270	40.4	1026	79.0	2007	75.2	1910	71.3	1811	67.5	1715	63.7	1618	59.8	1519	56.0	1422	5	2.0	51	2.0	51	*7	*22	V

NOTES:

Ring Segments are to be pre-cast from Class C Concrete per 706.13.

* Frames of Item 709 reinforcing must be wired or resistance welded to the curved bars to form a cage. A frame must be placed at each end face. Frame bars must be made of the same size bars as the curved bars (A thru G). Frames are to be evenly spaced but may be adjusted to avoid the block out for the bolt holes. Frames may be made from a single bent bar rather than four individual bars as shown. The outside diameter Do may be reduced to obtain a proper fit with the inside diameter of the pipe section.