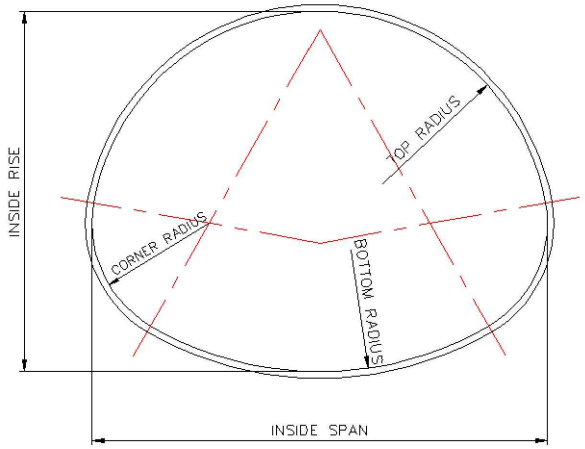
Corrugation Profile	Inside Span	Inside Rise	Area m^2	Equivalent Round	Minimum Height of Fill	Metal Thickness									
						Corrugated Steel Pipe					Structural Plate				
						1.6	2.0	2.8	3.5	4.2	3.0	4.0	5.0	6.0	7.0
						Maximum Height of Fill Over Pipe m Corner Bearing Pressure Limited to 200 kPa (Note 1)									
68 x 13 mm (Note 1)	560	420	0.19	500	300	4.1									
	680	500	0.27	600	300	4.2									
	800	580	0.37	700	300	4.1									
	910	660	0.48	800	300	4.1									
	1030	740	0.61	900	300	4.0									
	1150	820	0.74	1000	300		4.0								
	1390	970	1.06	1200	300		3.9								
	1630	1120	1.44	1400	300			3.9							
	1880	1260	1.87	1600	350				3.8						
	2130	1400	2.36	1800	400				3.7						
125 x 25 mm (Note 1)	1330	1030	1.09	1200	300			4.4							
	1550	1200	1.48	1400	300			4.4							
	1780	1360	1.93	1600	300			4.4							
	2010	1530	2.44	1800	350			4.3							
	2230	1700	2.97	2000	400			4.6							
	2500	1830	3.44	2200	450			4.5							
	2800	1950	4.27	2400	500			4.4							
152 x 51 mm (Note 2)	2060	1520	2.49		350						5.1				
	2240	1630	2.90		400						4.8				
	2440	1750	3.36		450						4.6				
	2590	1880	3.87		450						4.6				
	2690	2080	4.49		450						5.0				



NOTES:

1 For heights of fill approaching the above maximums for 200kPa corner bearing pressure, consideration should be given to round pipes since they reduce the load being applied to the foundation.

A The table based on backfill density of 2243 kg/m^3.

B This OPSD shall be read in conjunction with OPSD 802.020, 802.023, and 802.024.

C Sizes greater than 3000mm are available subject to design by Canadian Highway Bridge Design Code (CHBDC CSA S6).

D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2018	Rev 3
HEIGHT OF FILL TABLE CORRUGATED STEEL PIPE–ARCH AND STRUCTURAL PLATE CORRUGATED STEEL PIPE–ARCH		OPSD 805.020