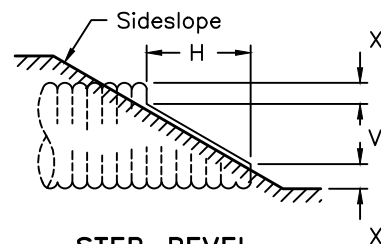


TABLE 1 – Step–Bevel for Circular Structural Plate Pipe						
Dia	H for bevels of		V for bevels of		X for bevels of	
	1.5H:1V	2H:1V	1.5H:1V	2H:1V	1.5H:1V	2H:1V
1500	1830	1830	1220	910	140	295
1660	1830	1830	1220	910	220	375
1810	1830	2440	1220	1220	295	295
1970	1830	2440	1220	1220	375	375
2120	1830	3050	1220	1520	450	300
2280	1830	3050	1220	1520	530	380
2430	3050	3050	2030	1520	200	455
2590	3050	3050	2030	1520	280	535
2740	3050	3660	2030	1830	355	455
3050	3050	3660	2030	1830	510	610
3360	3050	3660	2030	1830	665	765
3670	3050	3660	2030	1830	820	920
3990	3050	3660	2030	1830	980	1080
4300	3660	3660	2440	1830	930	1235
4610	3660	3660	2440	1830	1085	1390
4920	3660	6100	2440	3050	1240	935
5230	6100	6100	4070	3050	580	1090
5540	6100	6100	4070	3050	735	1245
5850	6100	7320	4070	3660	890	1095
6160	6100	7320	4070	3660	1045	1250
6470	6100	7320	4070	3660	1200	1405
6780	6100	7320	4070	3660	1355	1560
7090	6100	7320	4070	3660	1510	1715
7400	6100	7320	4070	3660	1665	1870
7710	6100	7320	4070	3660	1820	2025
8020	6100	7320	4070	3660	1975	2180

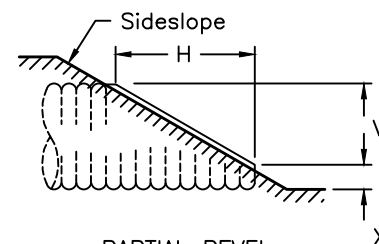


STEP–BEVEL

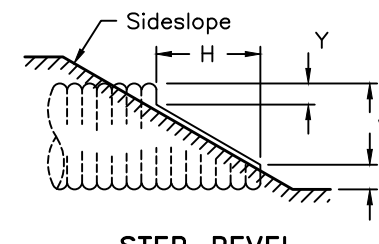
CIRCULAR STRUCTURAL PLATE PIPE

TABLE 2 – Partial Bevel and Step–Bevel for Pipe–Arch Structural Plate Pipe									
Span	Rise	X	H for bevels of			V	Y for bevels of		
			1.5H:1V	2H:1V	3H:1V		1.5H:1V	2H:1V	3H:1V
2060	1520	660	1290	1720	2580	860	—	—	—
2240	1630	660	1450	1940	2910	970	—	—	—
2440	1750	710	1560	2080	3050	1040	—	—	20
2590	1880	710	1750	2340	3050	1170	—	—	150
2690	2080	760	1980	2640	3050	1320	—	—	300
3100	1980	810	1750	2340	3050	1170	—	—	150
3400	2010	810	1800	2400	3050	1200	—	—	180
3730	2290	910	2070	2760	3050	1380	—	—	360
3890	2690	*1090	2400	3050	3660	1600	—	80	380
4370	2870	*1300	2360	3050	3660	1570	—	50	350
4720	3070	*1240	2750	3050	3660	1830	—	310	610
5050	3330	*1220	3050	3050	3660	2110	80	590	890
5490	3530	*1300	3050	3660	3660	2230	200	400	1010
5890	3710	*1370	3050	3660	3660	2340	310	510	1120
6250	3910	*1300	3050	3660	3660	2610	580	780	1390
7040	4060	1370	3050	3660	—	2690	660	860	—
7620	4240	1500	3050	3660	—	2740	710	910	—

* Denotes dimension to top of corner plate.



PARTIAL BEVEL



STEP–BEVEL

PIPE–ARCH STRUCTURAL PLATE PIPE

NOTES:

- Dimensions X, Y, V, and H are standardized by Corrugated Steel Pipe Institute.
- Dimensions for span and rise are nominal. Dimensions for bevel details are actual.
- All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING				Nov 2024		Rev	4
BEVEL DETAILS				— — — — —			
CIRCULAR AND PIPE–ARCH				— — — — —			
STRUCTURAL PLATE CORRUGATED STEEL PIPE				OPSD 801.030			

