


PIPE DIA mm	AREA m ²	TRENCH WIDTH	MAXIMUM HEIGHT OF FILL			
			RSC 160		RSC 250	
			≤ Trench Width	> Trench Width	≤ Trench Width	> Trench Width
840	0.55	1.50	10.4	10.4	13.0	13.0
900	0.64	1.59	8.7	8.7	11.0	11.0
1020	0.82	1.74	7.9	7.9	9.7	9.7
1070	0.90	1.81	7.9	7.9	9.1	9.1
1220	1.17	2.01	7.9	7.9	9.1	9.1
1370	1.47	2.22	7.9	7.9	9.1	9.1
1520	1.81	2.44	7.9	7.9	8.8	8.8
1680	2.22	2.65	7.3	7.3	8.8	8.8
1830	2.63	2.86	7.3	7.3	8.8	8.8
1980	3.08	3.05	7.3	7.3	8.2	8.2
2130	3.56	3.26	7.0	7.0	8.2	8.2
2290	4.12	3.50	6.5	6.5	7.7	7.7
2440	4.68	3.71	6.3	6.3	7.7	7.7

NOTES:

- A The table applies to closed profile wall polyethylene pipe manufactured according to ASTM F894.
- B The table presumes groundwater is below the pipe.
- C Installation is according to OPSD 802.010 requirements.
- D For height of fill and pipe sizes greater than shown or for other design conditions shall be calculated from first principles.
- E Minimum height of fill over the pipe shall be 800mm or one pipe diameter, whichever is greater.
- F Trench width is based on the higher pipe stiffness and is according to ASTM D2321.
- G All dimensions are in meters unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING HEIGHT OF FILL TABLE CLOSED PROFILE WALL POLYETHYLENE PIPE RSC 160 AND RSC 250	Nov 2006 Rev 0	
OPSD 806.021		