

Filter Drains
Depth range 0.9m to 3m of cover

Pipe Dia Internal (mm)	Pipe Strength Category	Depth Range (Depth of cover)		Depth Range (Depth to invert)		Filter Drain Bed Type		
		FROM (cover) (m)	TO (cover) (m)	FROM (Invert) (m)	TO (invert) (m)	Perforated Vitrified Clay pipe class 160	Perforated Vitrified Clay pipe class 200	Thermo- plastic Structured Wall
150	7	0.9	3.0	1.050	3.150	FD1	FD1	FD1
225	7	0.9	3.0	1.125	3.225	FD1	FD1	FD1
300	7	0.9	3.0	1.200	3.300	FD1	FD1	FD1
375	7	0.9	3.0	1.275	3.375	FD1	FD1	FD1
450	7	0.9	3.0	1.350	3.450	FD1		FD1
525	7	0.9	3.0	1.425	3.525			FD1
600	7	0.9	3.0	1.500	3.600			FD1

NOTE:

1. When the pipe manufacture's laying instructions in terms of depth of cover, trench width, etc, are more onerous than the SHW they shall take precedence over the SHW.
2. For depth of cover less than 900mm use detail FD2 as shown on SD-500-13



Drawing Title:

Standard Detail Filter Drain Schedule

Version	Amendment	Date
Checked By: B. Bartlett	Drawing Number: SD-500-11	Version: -
Date Issued: Oct 16		