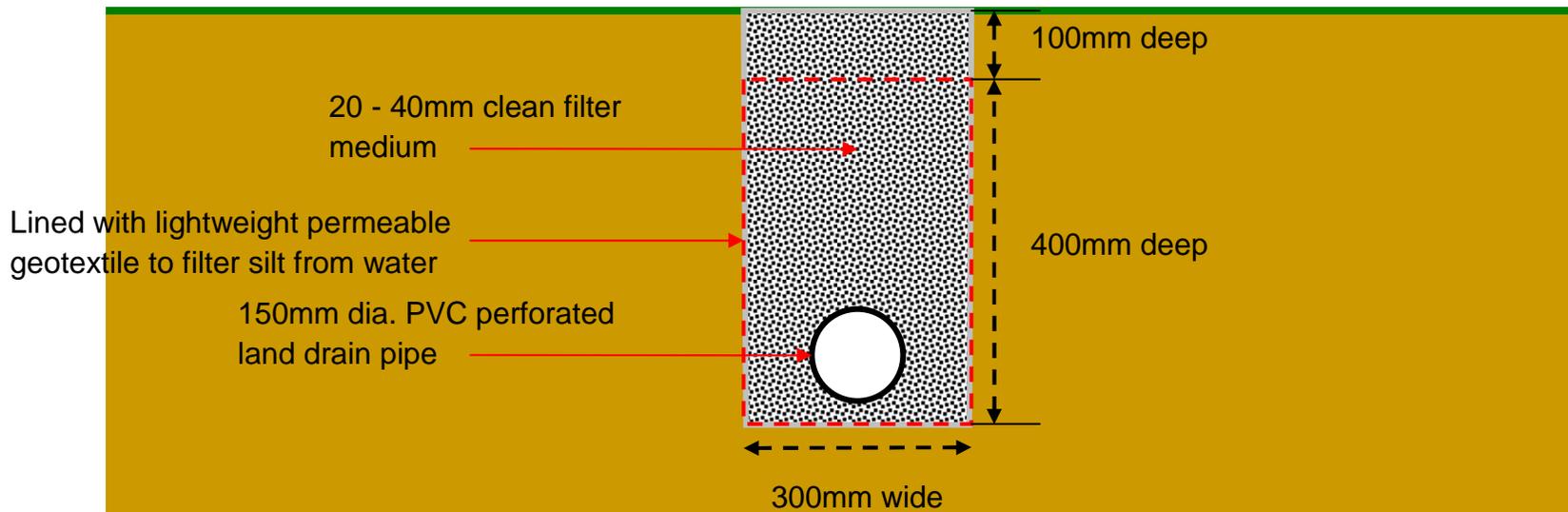


**Construction notes:**

1. Position line of drain to form a minimum 300mm wide or maximum 500mm wide verge between the drain and path edges.
2. With a trenching bucket strip off surface vegetation and excavate rectangular trench to the required dimensions, capacity, and maximum 6.6% (1:15), or minimum 2% (1:50) gradient to allow sufficient water flow along the drain. Stripped turfs and excavated soil to be landscaped on site.
3. Line trench base and sides with lightweight permeable geotextile, leaving a minimum 300mm overlap at the tope of the trench.
4. Lay minimum 50mm depth of filter medium along the trench base. Place perforated pipe, with perforations upwards, along the centre of the trench on the pipe bedding. Backfill pipe and trench with clean filter medium to within 100mm below the edges of the trench – 20mm or 40mm single size aggregate (crushed quarry stone with no fines, clean quarry gravel with no fines) or alternative material (clean as dug gravel with no fines, clean crushed concrete or railway ballast with no fines, rubber shreds).
5. Overlap geotextile sheets and backfill remaining 100mm depth of trench with filter medium to finish stone level with surrounding ground levels if surface water is to be intercepted. If only sub surface water is to be intercepted cover the top of the filter medium with available turfs won from trench excavation works.
6. This drawing should be read in conjunction with all relevant associated drawings.



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