

**Land Drain: Section**

**Design notes:**

See also Drawing 3.1 drainage layout plan.

Trenches are dug 600mm deep and then lined with a horticultural permeable membrane. A 40mm layer of pea shingle is then placed in the bottom and the 80mm perforated land drain laid on top.

**NOTE:** the holes must be at the bottom of the pipe.

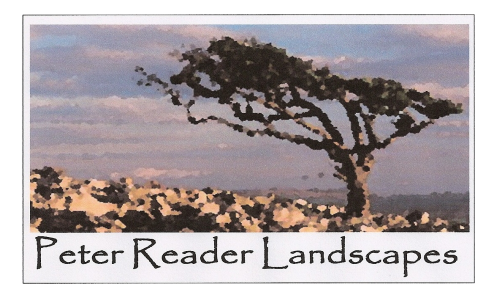
More gravel is then placed around the drain and pressed home to ensure no gaps, and then the pipe is buried in approx 40mm of further pea shingle. Fold the membrane over the top of the gravel so that soil cannot get in and block up the shingle. Back fill the trench.

All pipes are laid at falls of approx 1:40 in the direction of required water flow.

**Notes:**

Do not scale from this drawing. Check all measurements on site.

Report all errors or omissions to the designer immediately.



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Land Drain Construction

Drawing 4.1	Version 1
Scale 1:5 @ A3	1st July 2019