

Pipes Entering Buildings

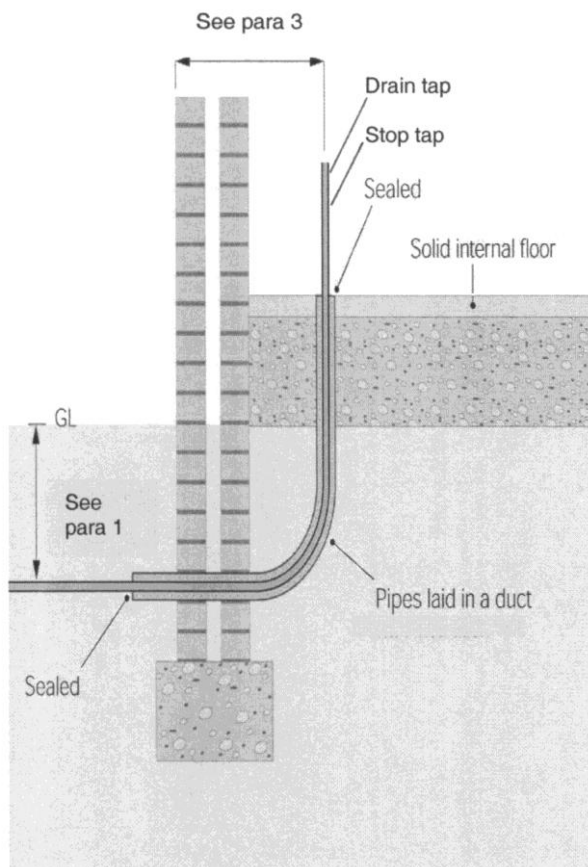
1. Pipes entering buildings within the approved depth range (750mm – 1350mm) should be passed through a duct and the ends of the duct sealed to prevent the ingress of gas or vermin into the building (drawings 1 & 2).
2. The duct should comprise a continuous slow bended duct of sufficient size to permit the pipe & insulation to be withdrawn & replaced if necessary,
3. Drawing 1 indicates the vertical pipe entering building through a solid internal floor within a sealed duct.

Less than 750mm from external face of wall	Pipe to be thermally insulated within duct
Minimum 750mm from external face of wall	Pipe not required to be thermally insulated

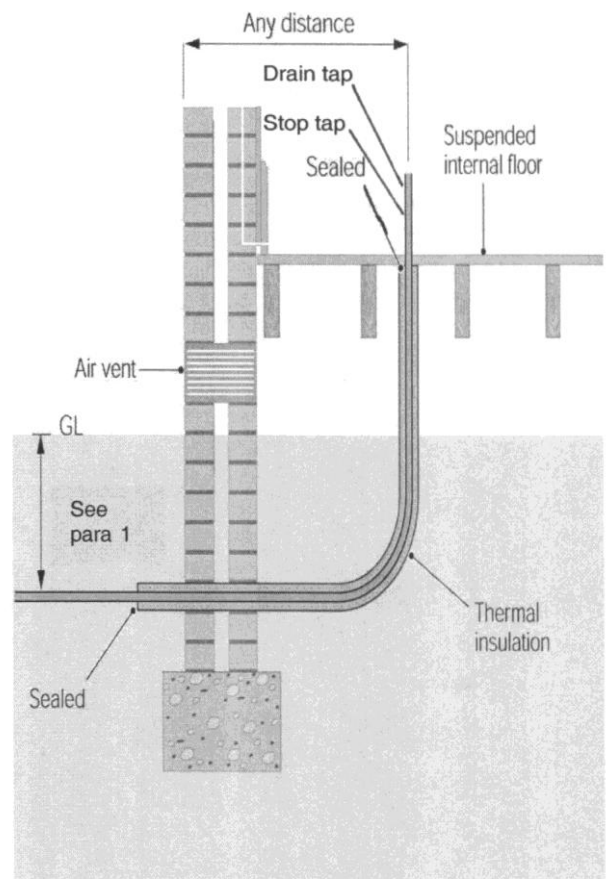
4. Drawing 2 indicates the vertical pipe entering a building through a suspended floor with air void below. The pipe shall be thermally insulated within the duct regardless of distance from the external face of the wall.

5. Thermal insulation should be of the closed cell type complying with BS 5422 and be installed in accordance with BS 5970.
6. The vertical pipe entering a building shall be fitted with a stop valve to control the flow of water to those premises only. The stop valve should be installed above floor level, near where the pipe enters the building and so installed that closure will prevent the supply of water to all points of use. Stop valves up to 50mm should conform to BS 1010 Part 2 and those 50mm & above should be flanged gate valves to BS 5163.
7. A drain tap shall be fitted to the vertical pipe immediately above the stop valve. Drain taps should be of the screw down type conforming to BS 2789 or, where located in a frost free location, of an approved spherical type.
8. All fittings and materials shall be WRAS certificated and listed in the Water Fittings and Materials Directory. Other fittings and materials may be permitted providing they are shown to carry similar certification from another appropriate approved body.

Drawing 1



Drawing 2



Standpipe/Temporary Building Water Supply

All fittings and materials are to be accordance with DWI and listed in the Water and Materials Directory published by Wrc

