

Installing private pipework on an internal bulk meter on a Large Diameter Connection

This sheet explains what you need to do to pass a water regulations inspection for a large diameter bulk meter supply in order to connect the property to the water network. Before connection, the pipework will require chlorination – please see our guidance for how and when this needs to be completed.

1. The depth of the private service pipe at highway boundary should be between 750mm minimum and 1350mm maximum.
2. The pipe material needs to be either MDPE or barrier pipe. This will be highlighted on the customer sketch attached to the quote.
3. The private service pipe must be insulated and ducted through the external property wall to the highway boundary. The duct should be a continuous non perforated duct; suggested duct size should be 2.5 times the diameter of the pipe. This needs to be from the point of entry (where the pipe enters the property) to the floor level inside the property. Pipe insulation needs to be 9mm thick in closed-cell insulation material.
4. A stop tap should be fitted internally in an accessible position followed by DCVA (double check valve assembly) which complies with Section 4 of the Water Supply (Water Fittings) Regulations 1999, Severn Trent supplied meter, drain off valve and second stop tap required for maintenance purposes.
5. Where the property boundary meets the highway - as illustrated in the quote sketch - a suitable mechanical cap end should be fitted to prevent ingress and contamination of the private service pipe. This cap end must be fitted when you install the pipe.

