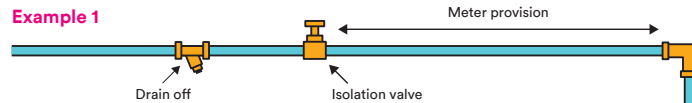


Non-standard connection with 50mm and above internal in-line meter installation

Not to scale

Example 1



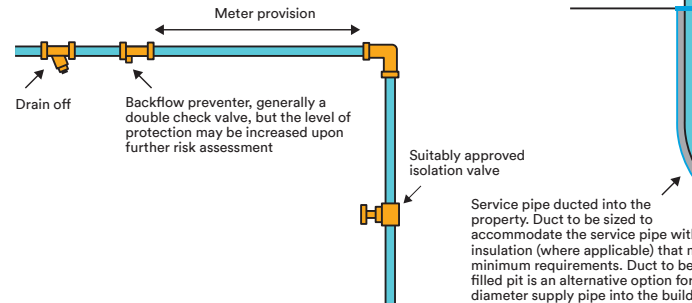
Example 1 is for a domestic connection where there is no backflow requirement or a commercial installation where the backflow preventer is required to be installed externally at the boundary with the adopted highway.

Example 2 is a commercial installation with provision for an internal backflow preventer included.

If you are quoted for the water meter to be installed externally, there will be no requirement for internal meter provision.

Please speak to your local inspector for further clarification

Example 2



Backflow preventer, generally a double check valve, but the level of protection may be increased upon further risk assessment

Suitably approved isolation valve

Service pipe ducted into the property. Duct to be sized to accommodate the service pipe with insulation (where applicable) that meets the minimum requirements. Duct to be sealed. A soft filled pit is an alternative option for bringing a large diameter supply pipe into the building. Speak to your local inspector for further clarification.

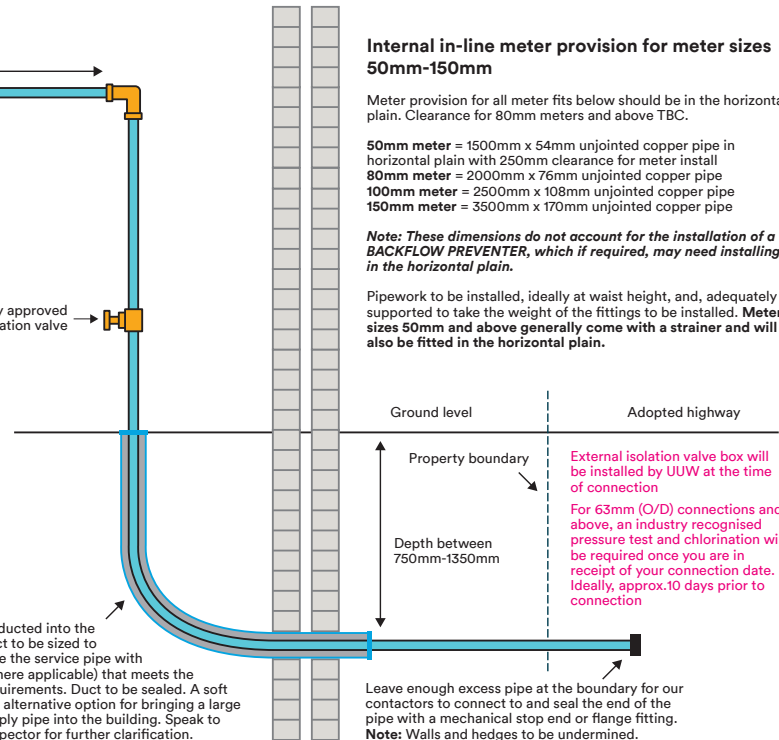
Internal in-line meter provision for meter sizes 50mm-150mm

Meter provision for all meter fits below should be in the horizontal plain. Clearance for 80mm meters and above TBC.

50mm meter = 1500mm x 54mm unjointed copper pipe in horizontal plain with 250mm clearance for meter install
80mm meter = 2000mm x 76mm unjointed copper pipe
100mm meter = 2500mm x 108mm unjointed copper pipe
150mm meter = 3500mm x 170mm unjointed copper pipe

Note: These dimensions do not account for the installation of a BACKFLOW PREVENTER, which if required, may need installing in the horizontal plain.

Pipework to be installed, ideally at waist height, and, adequately supported to take the weight of the fittings to be installed. **Meter sizes 50mm and above generally come with a strainer and will also be fitted in the horizontal plain.**



External isolation valve box will be installed by UUV at the time of connection
 For 63mm (O/D) connections and above, an industry recognised pressure test and chlorination will be required once you are in receipt of your connection date. Ideally, approx.10 days prior to connection

Leave enough excess pipe at the boundary for our contractors to connect to and seal the end of the pipe with a mechanical stop end or flange fitting.
Note: Walls and hedges to be undisturbed.