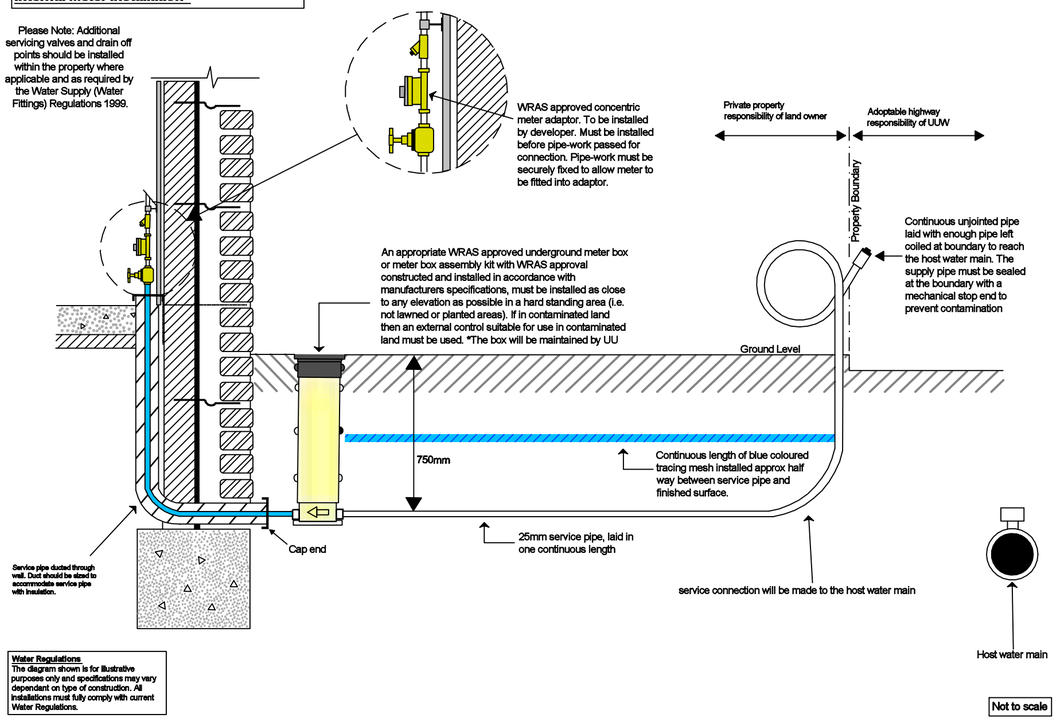
UUW 15mm & 20mm Meter Location policy

Internal Meter Installation



Water Regulations
The diagram shown is for illustrative purposes only and specifications may vary dependant on type of construction. All installations must fully comply with current Water Regulations.

UUW 15mm & 20mm Meter Location Policy Internal Meter Installation

1. Concentric Meter Adaptor:

- This must be located at point of entry to the property.
- The adaptor can be a brass or plastic fitting.
- The adaptor must be fitted with a watertight plug.
- A gap of 160mm x 110mm must be left clear directly around the adaptor to accommodate the meter fit.

2. External Control Box

- The external control box must be a WRAS approved underground meter box. ***A stop tap and chamber is not suitable.***
- The box must be installed as close to the front elevation of the property as possible in a hard standing area.
- The supply pipe is taken from the internal stop tap to the external control box and then laid from the box to the boundary of the property in a continuous unjointed length.
- If the ground has been identified as being contaminated, then an external control suitable for use in contaminated ground must be used.

3. Coil of pipe at the boundary of the property.

- The supply pipe must be laid in a continuous unjointed length to the boundary.
- There must be sufficient length of pipe left coiled at the boundary to reach the water main.

4. Tracing Mesh

- The supply pipe must have a continuous length of blue tracing mesh laid above it upto the boundary of the property.

5. Sealed supply pipe

- The supply pipe must be sealed at the boundary with a mechanical stop end to prevent contamination.

Failure to comply with the above conditions of service will result in a failed pipe inspection or a delay to your self lay connection.

Connection Checklist

1. Have you laid enough pipework in the ground in a continuous length leaving enough pipe at the boundary to reach the main? ☐
2. Has the pipe work been laid at minimum depth of 750mm to top of the pipe? ☐
3. Have you got blue tracing mesh on site? The trench will need to be left open until inspection is completed then tracing mesh will be laid when backfilling approx 350mm below ground. ☐
4. Is the pipework ducted and insulated from 750mm upwards as it enters the property? ☐
5. Have the WRAS approved stop tap and drain off been fitted? ☐
6. Is the end of the pipework fitted with a mechanical stop end? ☐
7. If commercial property have you installed the correct backflow prevention device? ☐
8. Have you fitted the concentric meter adaptor at point of entry to the property? ☐
9. Have you fitted WRAS approved external control box as close as possible to the front of the property in hard standing area? ☐

Backflow Protection

Please note it is the responsibility of the installer, user, owner, or occupier, to ensure the plumbing system complies with The Water Supply (Water Fittings) Regulations 1999. This will usually involve the installation of backflow protection at various points within the premises.
In addition, for non-domestic water use or where the use of the building is unclear at the time of application extra backflow protection is required. Typically, a double check valve is required in a suitable chamber at the boundary, or immediately after the main stop valve inside the premises (risk assessment required). Higher Level protection than that mentioned here may be required if the ultimate use of any premises presents a higher risk.
This also applies to domestic premises with high risk systems such as rain water harvesting. Again, a double check valve should be installed immediately after the incoming stop tap in addition to the other associated requirements for those systems.
Additional servicing valves and drain off points should be installed within the property where applicable and as required by the Water Supply (Water Fittings) Regulations 1999. Please Note: wras approved or equivalent as a backflow prevention device

Private Land

Please bring your pipe out the point indicated. If in order to reach this point you need lay across land which is not under your ownership, you must obtain written permission from the landowner. We will need you to forward a copy of this letter to us. This must cover permission to lay your pipe in the first instance and agreement that the pipe can remain in this land from that point onwards giving access for you to repair and maintain your service pipe.

Traffic Management Act

As of 01st April 2008 The Traffic Management Act came into force, the impact of which may result in an increase of notice periods before we can commence work in the highway.
*We can only give this notice once we have received your 'Request for Work' form confirming you have met all our requirements and are now ready for our contractors to carry out the connection works.
*Time for off-site connections could exceed 15 working days due to restrictions or conditions imposed by local authorities and highway authorities under the traffic management regulations

Break Tank and Pumped System/Storage

If your development is above 2 storeys high we suggest that, in order to provide a suitable water supply to this development you should include a break tank and pumped system. You are also recommended to install storage facilities equivalent to half day's normal usage.

Abortive visit charges:

If we are unable to start/complete work due to site not being ready due to obstruction preventing work i.e. scaffolding, skips etc or we are asked to re-attend we will apply an abortive visit charge as per our current charges.

Laying your new water pipe

Before we can programme any work you must lay your new supply pipe to the highway boundary in as shown on the drawing provided. (please provide site with copy of plan)
*If you are laying more than one service pipe please leave a minimum of 350mm between each pipe laid.
*Pipes of all sizes must remain intact and sealed off at boundary with a mechanical watertight stop end and clearly marked or labelled with the the number of the property which they serve.
*All work carried out should comply with 'Water Regulations'
*All underground services must be flushed in accordance with BSEN806. An approved stop valve and drain tap should be fitted internally at the point of entry to the building and remain closed after any flushing, testing and disinfection.

Metering (AMR)

Your new connection will have an internal AMR meter fitted (Automated Meter Reader), please refer to the AMR meter diagram on your drawing which provides details on how to configure your pipe work for an AMR meter installation.
Please refer to our web page for information on sourcing the materials required

Pipe inspections (25mm & 32mm)

We have to approve your pipe work before the connection can be carried out or alternatively for 25mm & 32mm connections you may submit a 'water industry approved plumbers' (WIAPS) certificate.
To avoid delays, please phone us when you pipe work is ready to be inspected. You usually need to give us 5 days' notice.
If we have to re-inspect pipework following a failed inspection a re-inspection charge will apply as per our current charges.

Zone of Interest

Please be aware: This work may be in a "Zone of Interest". United Utilities may need to obtain information from the National Grid on things such as: other utilities in the area, possible underground cables and gas lines. It may result in delays with the work, however you will be advised if this is the case from our field operatives once they receive the work pack from our office team.

United Utilities
helping life flow smoothly

UNITED UTILITIES WATER PLC
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Mains Records Disclaimer
The position of underground apparatus shown on the plan provided is approximate only and is given in accordance with the best information currently available.
The actual positions may be different from those shown on the plan and private service pipes may be shown by a blue broken line. United Utilities will not accept any liability for any damage caused by the actual positions being different from those shown.