

	Work Instruction	W0032
		Version 1
		1 of 1

Work instruction:	Date Raised
Creation of new Point Of Entry	08/08/2017

Work Description
Creating a new position where the pipework enters the property
Instruction
<ol style="list-style-type: none"> 1. Identify the position at which the new water supply pipe needs to be brought into the property; this is known as the Point of Entry (POE). This may be located where the existing ISV (Internal Stop Valve) is located or elsewhere if the system is being back-fed, this depends on the requirements of each job. 2. Check the area for any hazards that will need to be considered. These are generally, Central Heating Pipes, Electrical Cables, Gas Pipes, Underfloor Heating. 3. Remove any units that are located in this area or remove the base from the existing units in order to facilitate the creation of a new POE. 4. If any of these services are in the way, it may be necessary to use an Insuduct box. You must call Michael Hearty or a member of his team in the office for authorisation on these works. If authorisation is granted, then the customer must be made aware of the location and aesthetic aspect of this externally to ensure that they are happy for one to be installed. 5. Excavate externally to the area where the new pipe will be brought into the customer's property. 6. Dependant on the depth of the foundations and the configuration of the external walls of the property, break out two or three bricks from the external wall. This should be at a depth of 750mm or greater. 7. If at any stage it is not possible for the pipework to be installed at the minimum depth of 750mm then you should contact the office, the pipework may have to be insulated for the short time that it's not at adequate depth. 8. Use your breaker to create a pocket behind the brickwork in this area; this will generally be under the concrete slab and within the ground beneath. 9. Drill down internally. Use your SDS drill with a smaller diameter drill bit at first to complete a pilot hole. Then drill through the same hole again with an increased diameter drill bit until you have raised the diameter to take a 25mm Blue MDPE pipe. 10. Feed through the new 25mm Blue MDPE pipework from the outside and connect this to a new Internal Stop Valve (ISV) with Drain Down Valve. 11. Ensure that the pipework is clean and has been purged of any debris prior to connection as this may cause serviceability issues within the property.
Responsibilities
Water Mains Engineers
Key Objectives
To create a point through which we can connect the water supply pipe externally to the existing cold feeds internally