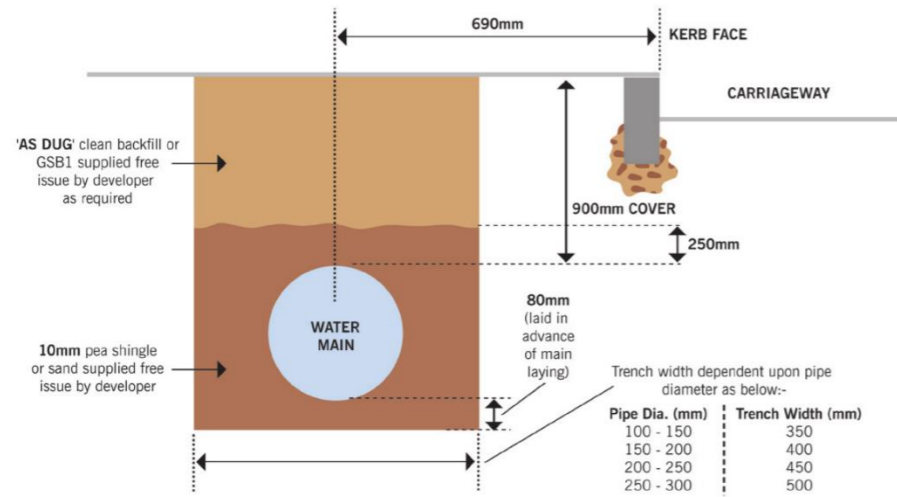
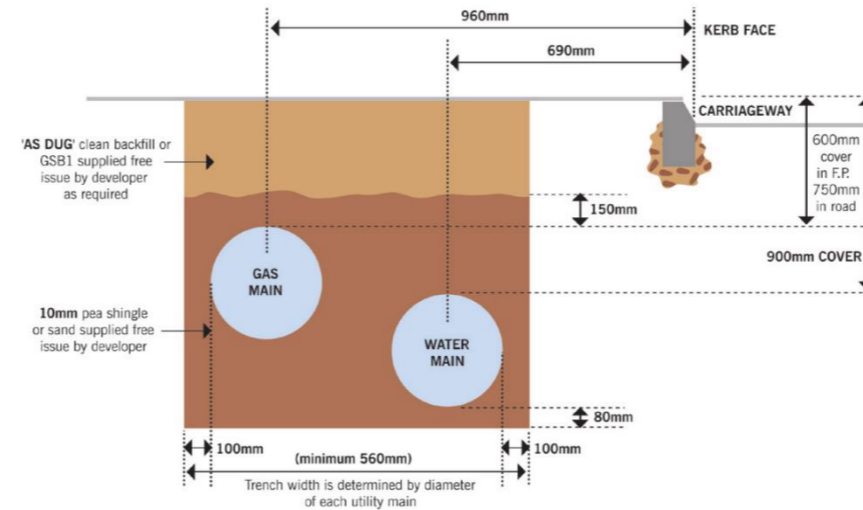


Trench Specification Guidance – For developers completing the ground works for the installation of water mains and / or gas mains on site

A) Trench specification for water main only



B) Trench Specification for water and gas laid in common trench



The table below details both parties' responsibilities for the scenarios above

Developers Responsibility	
✓	Set out finished line and level (to ensure water mains are laid at correct depths), ensuring the mains will be installed in the public highway and not in private land
✓	Excavate the full length of trench in advance of our arrival on site, in accordance with the finished line and level and the trench specification above
✓*	Provide a certified driver and appropriate excavator/ lifting equipment to work in conjunction with our main laying contractor.
✓	Keep working area clear of all obstructions i.e., scaffold, plant, skips, materials etc
✓	Supply pea shingle/ sand and place in base of trench (minimum 80mm depth)
✓	Excavated spoil to be placed a minimum of 1m from the edge of the trench and surplus spoil to be removed from site
✓	Provide trench support (where deemed necessary in risk assessment)
✓	Keep trench clear of standing water
✓	Provide suitable plant and labour to excavate extra-over trenching (where required) to accommodate thrust blocks and lifting operations of oversize fittings etc.
✓	Place pea shingle/sand above pipe.
✓	Ensure all other utilities are installed sufficiently clear of our new water mains (see "NJUG guidelines on the positioning ... of underground utilities apparatus")
✓	Provide appropriate materials and reinstate trenches to necessary specification (i.e., highways specification)
✓	Ensure all chambers for water mains fittings (i.e., valves, hydrants) are aligned correctly so apparatus is easily accessible and operable
✓	Contact us if there are any changes on site (i.e., change to original line and level), that will have an adverse effect on the finished position or depths of our water mains.
Our Responsibility	
✓	Supply water pipe and fittings
✓	Lay pipe and fittings in excavated trench
✓	Provide and place concrete for thrust blocks around bends and fittings (as required)
✓	Pressure test
✓	Chlorinate, sample and commission water main
✓	Make final connection to existing network and complete all works in the public highway including excavation and reinstatement

Contact Details

Telephone

0345 357 2428*

Mon to Thurs - 8.30am to 5pm

Fri - 8.30am-4.30pm

For emergencies, please contact our 24-hour operational line on 0345 357 2407*

*Calls may be monitored or recorded for training purposes.

Email

dx@affinitywater.co.uk

Website

www.affinitywater.co.uk/developing

*Where practical, we will lay coils of pipe. Where a coil is used, the developer will be expected to provide a machine to pull the coil from the trailer, into the trench.