



Digging trenches

If you decide to dig your own trenches then in most cases it's your responsibility to dig all trenches on your own private land before we, or our approved contractors arrive on site. You may also need to import backfill material to complete the work. We'd be happy to carry out this work for you at an additional charge.

Trench depths and cover of pipes

Trench routes must be laid out as per the proposal drawings agreed with SGN Connections.

A clearance of at least 250mm should be maintained between gas pipe/fittings and other utilities plant.

Please refer to the diagram of the typical utilities plant layout under a 2m wide footpath to prevent third party damage. Each utility must be in it's own separate trench.

Pipe Size	Surface Type	Min Depth of Cover (mm)	
		LP	MP/IP
Any	Field	1100	1100
>=63mm	Road/Verge	750	750
>=63mm	Footpath	600	600
>=63mm	Private Land	600	600
<63mm	Road/Verge	450	750
<63mm	Footpath	450	600
<63mm	Private Land	450	600
<63mm	Private Garden	375	600

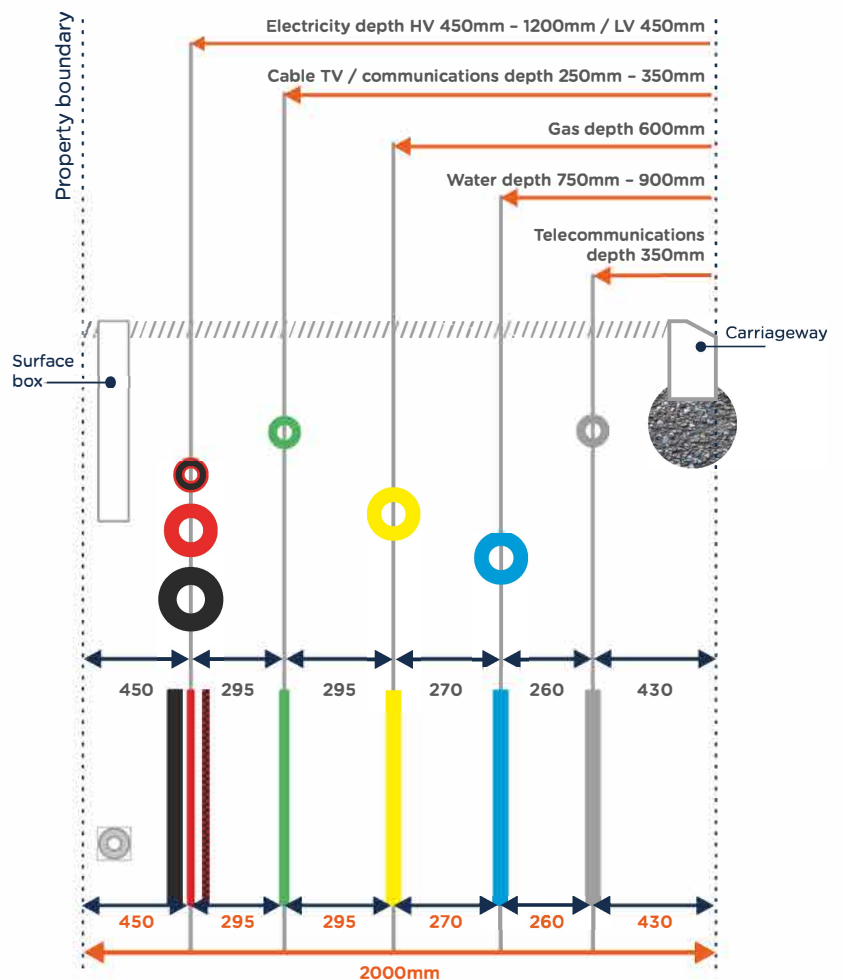


The bottom of the trench must be prepared as a level bed, suitably compacted with sand surrounding the pipe to provide firm support under the pipe, this also helps prevent damage to the pipe. It must be free of sharp objects such as bricks, concrete and rocks, this also applies to the backfill on top of the pipe. Wherever possible the trench bed must have a continuous downward gradient from the building towards the main.

Please make sure trenches are safe before any work is carried out in them.

Should any digging/reinstatement work be required on third party/shared land, we will need to carry this out.

Recommended positioning of utility apparatus in a 2 metre footway



* Diagram is not to scale

Gas mains can not be ducted

Only LP Services can be ducted

Our preferred method of pipe laying is within an open trench

- Gas ducting must be yellow, vented appropriately and perforated. Gas marker tape must be laid a minimum of 75mm above the duct to prevent interference damage. Polyethylene (PE) gas, water or cable pipe must not be used as a duct.
- Ducting must be laid in a straight line and should be laid by the most direct route from the main to the termination position – this route is normally perpendicular to the main. The ducting must be laid on a prepared bed or soft ground and the first 75mm backfilled with suitable or imported fine fill.
- The correct size service pipe ducting must be installed at the correct depth, leaving sufficient room at both ends to allow access for connection to the main and the service termination point. The mains connection must be left open with sufficient duct exposed to receive the service pipe, and you must allow a minimum of 1m at the entry point to allow us to assemble the required fittings. The site owner should insert a guide rope in the duct to enable ease of insertion.

Gas safety

Follow these six steps if you smell gas:



Do open windows and doors to help ventilate the gas



Do turn off the gas supply at the meter and make sure any gas appliances are turned off



Do call the National Gas Emergency Number on 0800 111 999. Lines are open 24 hours a day, 365 days a year.



- Care should be taken when installing the duct to ensure it is not kinked, blocked or obstructed. If we have to leave site due to blockages or incorrectly installed ducts, you may be charged for any additional visits required.
- If we are unable to insert our pipe into your duct and our ducting requirements are not met, you will be responsible for digging any trenches to lay the new pipe work or incur additional costs for us to carry out this work.
- We do not provide ducting.

Service Pipe size	Minimum duct size
<=32mm	60mm
63mm	150mm
>63mm	Pipes larger than 63mm cannot be ducted



Don't smoke or use any naked flames



Don't touch any electrical switches. Turning a switch on or off could ignite a gas leak



Don't enter a cellar if you smell gas, even if your gas meter is located in the cellar

For more information, contact us:



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