



# Gas Developer Guidelines



Gas, Electricity, Water, Renewables

To report a gas emergency, call:

**0800 111 999**

**If any damage is caused to a live gas main or service, or there is a smell of gas, you must report it immediately to the national gas emergency number confirmed above.**

A network approved design will be provided to you. It is important that the exact specification on the design and these developer guidelines are adhered to. If not, it could result in your project being delayed and/or additional costs being applied, which both parties would like to avoid.

By following the above, this will ensure that your contractors on site are aware of the location of all gas mains and services which will help safeguard all site personnel and the installed apparatus. It is the developer's responsibility to ensure apparatus is not damaged following installation.

If any damage has been caused to any pipework that has not yet been commissioned, please report it to Pivotal immediately.

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# Introduction

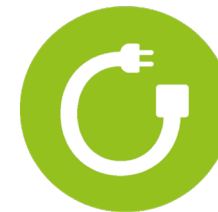
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These guidelines have been produced to advise Developers, Builders and Ground Workers who are excavating and backfilling trenches for the installation of gas mains and services.

It is essential that any ducts, service pipes or meter boxes installed by the Developer meet the specifications set out in this document which forms part of our offer to carry out the works. Any excavations which allow the installation of utility apparatus **must** allow for the minimum depth of cover to the final surface required by the adopting network. It is also essential that the approved designs are followed exactly so that the utilities are placed in footpaths where shown and/or follow the route agreed with the adopting network.

These guidelines also cover meter box types and installation instructions along with other general site information.

**Don't forget, Pivotal also offer Electricity and Water installations along with disconnections, diversions & meter removals.**



# NJUG Guidelines & Gas Main Proximity

## Recommended positioning of utility apparatus in a two-metre footway

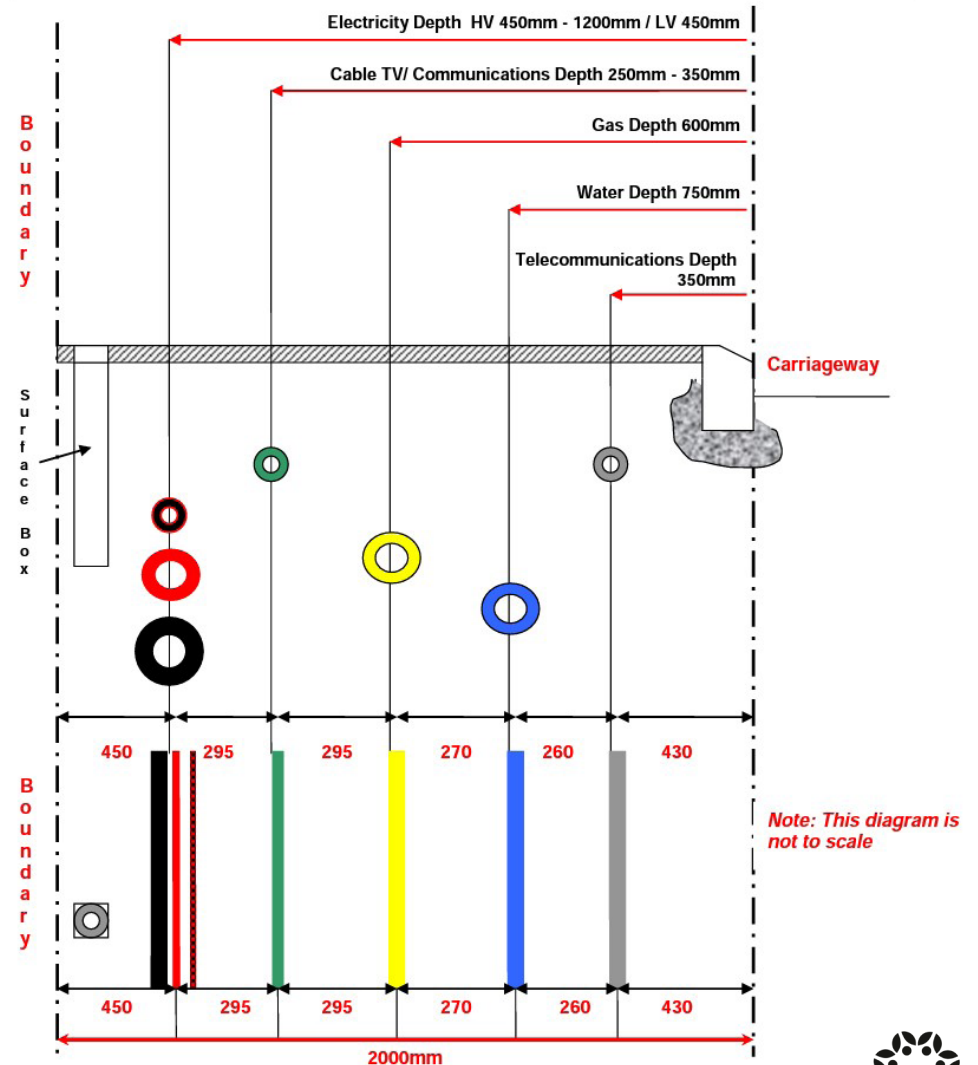
Note - the same positioning should apply in the carriageway/service strip (if safe and practical to do so) where a development has no footway(s) available for services and/or the boundary of the property is on the carriageway (please refer to minimum depths in carriageways). For further advice please contact Pivotal by calling [01455 244556](tel:01455 244556).

## Gas Mains Proximity Distances from Buildings

63mm-125mm	180mm-250mm	All Medium Pressure
0.25m	1.0m	2.0m



If scaffolding is erected there should be a 4m distance from the service or main trench



# Mains Excavations



There **must** be a minimum clearance of 250mm between the gas main and all other utilities. Please note, no other utilities are to be positioned directly above the gas main.

Where a gas main or service crosses a road it has to be installed through duct. These ducts should be supplied and laid by the developer.

All road crossings will be shown on the design we provide you with. These ducts must be installed perpendicular to the main and suitable access to them must be available at either end.

For the avoidance of doubt: All other Gas mains shown on your design cannot be installed in ducting.

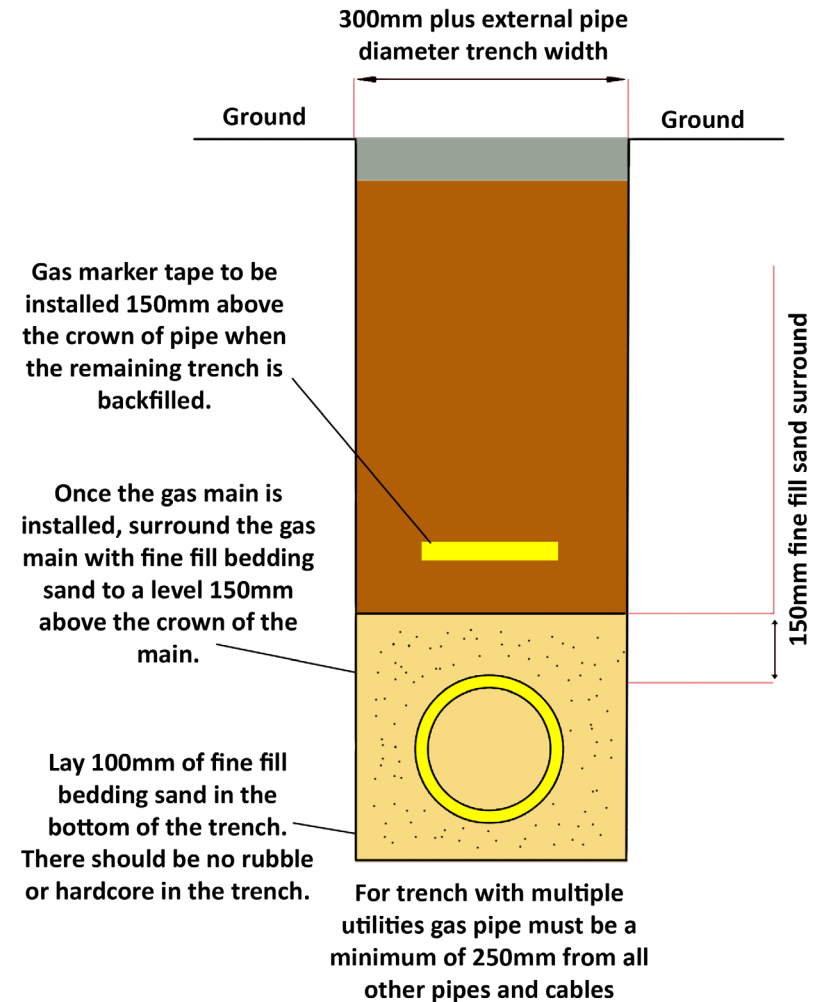
**Pivotal is responsible for laying all mains in pre-excavated trenches. Gas mains cannot be laid by the developer.**

**Minimum Depth of Cover**  
(Depth from finished ground level to the top of the main)

Pipe Size	Footpath	Verge/Road	Fields
63mm-250mm	600mm	750mm	1100mm



Please refer to your approved gas design for routes and further guidance on ducting if required. If you have any queries call us on [01455 244556](tel:01455 244556).



# Service Route & Ducting

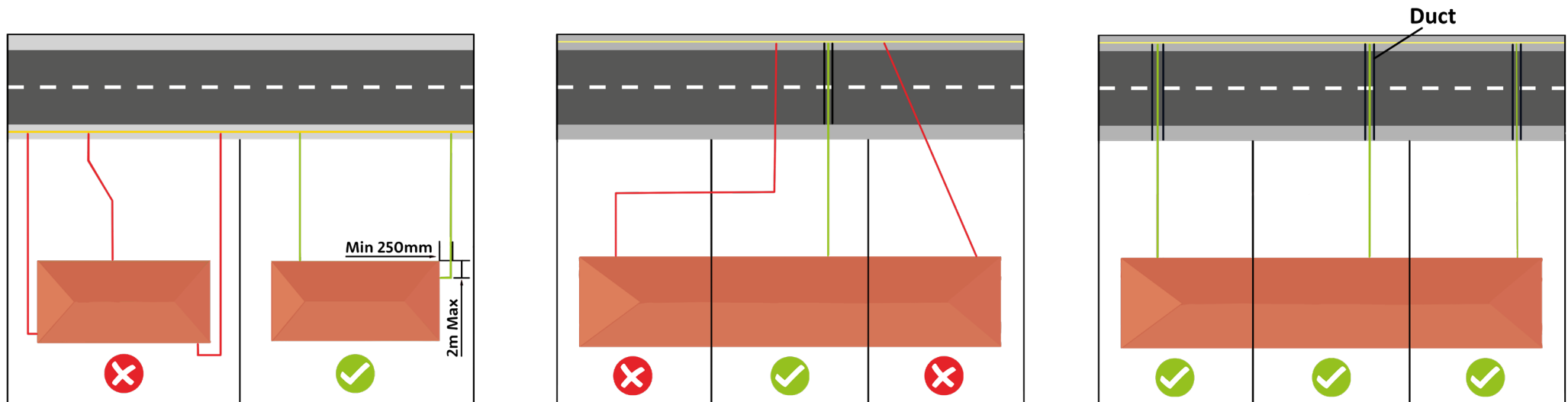


All service pipe or service ducting, **must** run perpendicular to the main and follow the shortest, practical route to the meter position, as per the approved gas design.

Ducting can be laid for normal 32mm PE domestic services. This **must** be yellow perforated flexi duct BS4962, which **must** be procured and laid by the developer.

If the developer chooses to install ducting, they **must** provide photographic evidence using a tape measure confirming the correct depth of cover has been achieved.

If the service crosses the road, the developer **must** install ducting, ducts **must** be clear and free of debris.



Please note, gas meter positions must be on the wall of the property facing the parent main. Or, where it is required, no more than 2m down the side of the property.

Pivotal is responsible for laying all service pipe either in pre-excavated trenches or in ducts. Gas service pipe **cannot** be laid by the developer.



# Service Excavations



The developer should excavate service trenches in accordance with the diagram and depth of cover table below.

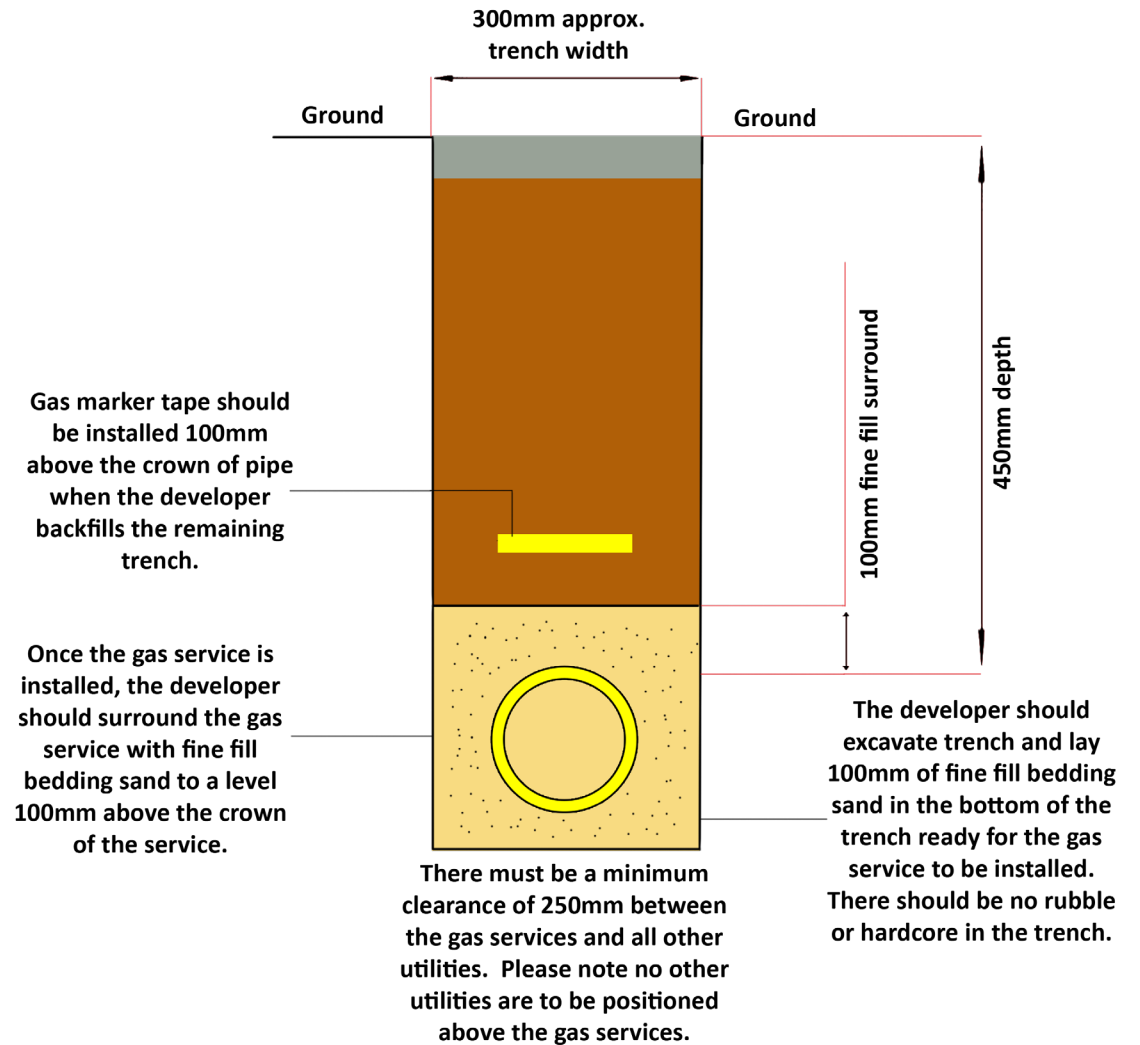
An excavation pit must be provided to allow the service connection at the **main**, of 1m x 1m.

An excavation pit must be provided to allow the service connection to the **meter position**, of 1m x 1m.

**Minimum Depth of Cover**  
(Depth from finished ground level to the top of the service)

Area	32mm	63mm	90mm+
Private Property	450mm	450mm	600mm
Footpath	450mm	450mm	600mm
Roadway	450mm	750mm	750mm
Verge	450mm	450mm	750mm
Fields	600mm	1100mm	1100mm

**Meter boxes (including lids etc.) must be installed prior to services being connected.**



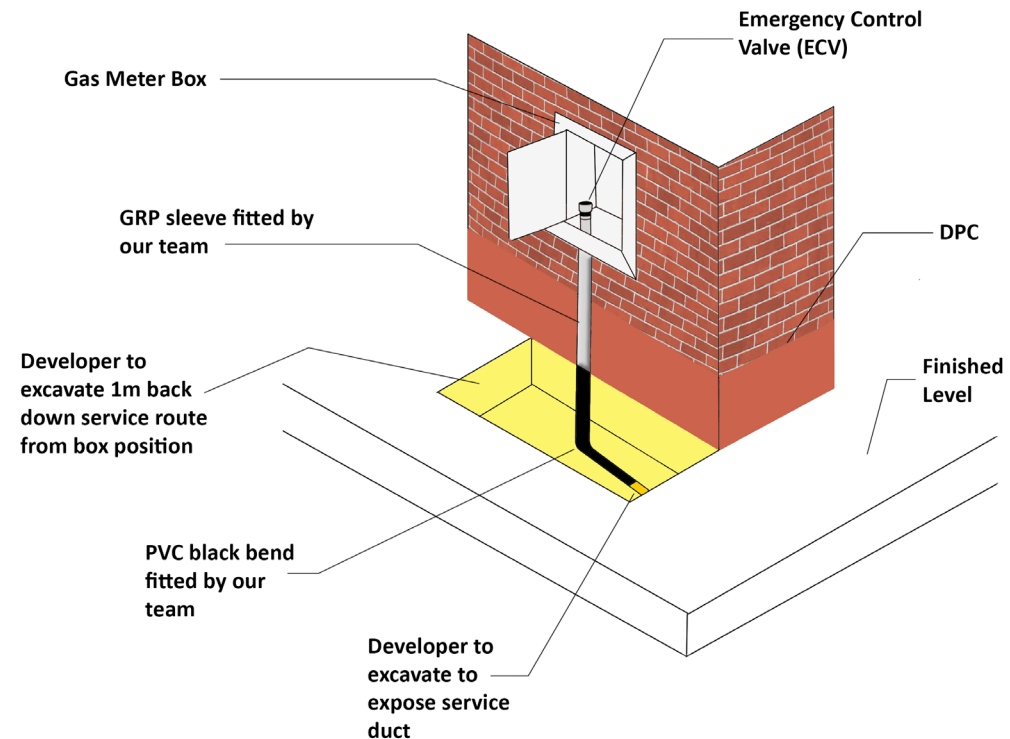


# Recessed/Surface Mounted Box & Installation



## Developer responsibilities:

- Procure and install meter box
- A flexible fire-resistant compound (e.g. foam sealant) should be used
- No fixing holes should be made to the box (fully bedded into the mortar to hold it into the wall)
- The bottom of the meter box should be between 500mm and 1000mm above finished ground level and be clear of the damp proof course
- Cannot be used for medium pressure installations
- Securely fit spigot outlet to prevent gas escaping into the property
- Meter box to be sealed
- Meter box should not be installed any further than 2 metres along the side of the property facing the main



If we are installing low pressure services, meters **must not** be within 150mm of any electrical apparatus and should be 150mm away from air bricks, windows, door openings or any opening to the property. They **must not** be positioned above any drain or air brick.

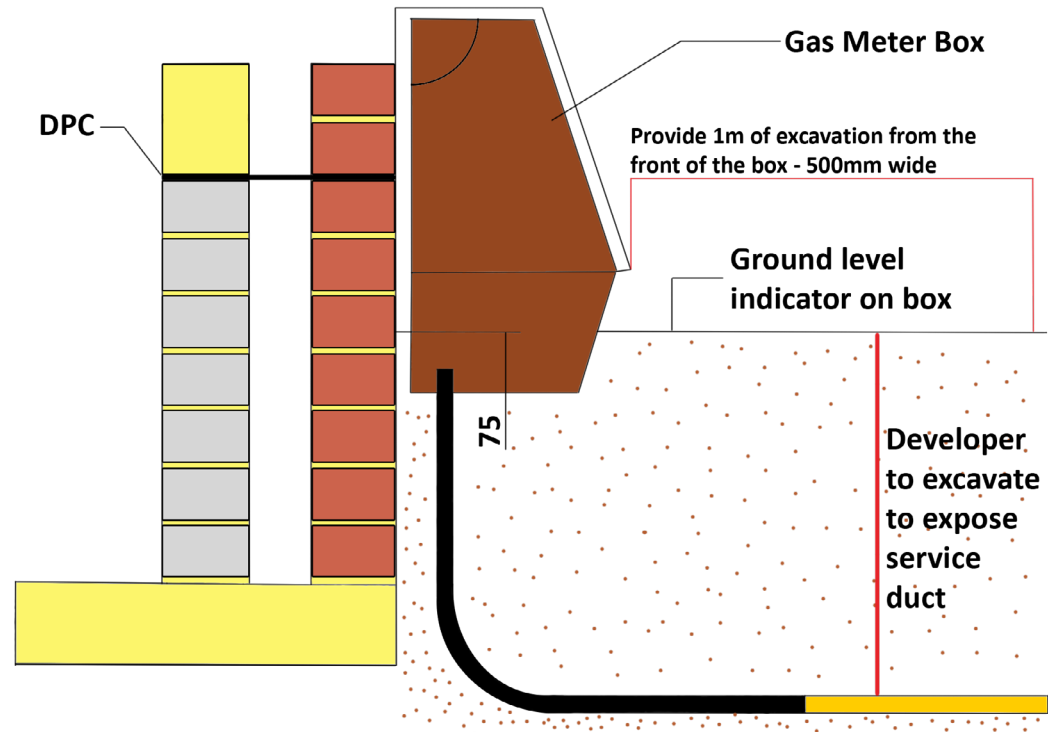
If we are installing medium pressure services, meters **must not** be positioned within 1550mm of any electrical apparatus, nor should they be positioned within 1000mm of any doorway, window, air brick or opening to the property.

# Multi/Uni Box & Installation



## Developer responsibilities:

- Procured by Pivotal but **must** be installed by developer
- The base should be located at finished ground level or can be submerged into the ground by no more than 75mm
- Ensure the box is supported following installation
- Route outlet pipe through the right hand side of the meter box



If we are installing low pressure services, meters **must not** be within 150mm of any electrical apparatus and should be 150mm away from air bricks, windows, door openings or any opening to the property. They **must not** be positioned above any drain or air brick.

If we are installing medium pressure services, meters **must not** be positioned within 1550mm of any electrical apparatus, nor should they be positioned within 1000mm of any doorway, window, air brick or opening to the property.



# Responsibilities



Please see the below table which outlines who is responsible for the various actions required for the installation of gas mains and services on your site.

The below may vary slightly therefore please refer to your accepted proposal for clarification or call a member of the Pivotal Team on [01455 244556](tel:01455 244556) who will be happy to advise.

Action	Developer	Pivotal
Offsite Excavation & Reinstatement		✓
All Onsite Excavation & Reinstatement	✓	
Supply, Installation of Fine Fill Sand & Warning Marker Tape	✓	
Supply & Installation of Ducting	✓	
Supply & Installation of Gas Pipe		✓
Supply of Meter Boxes	Recessed	Multi/Uni Box
Installation of Meter Boxes	✓	
Welfare Facilities	✓	
Secure Storage for Materials	✓	
Safe Locations for Parking of Vehicles and Access	✓	
Safe Working Zone	✓	

# Developer Checklist



It's important that the following actions are followed to enable us to meet your build programme. If you are unable to complete any of these tasks then please contact us at [01455 244556](tel:01455244556).

I have referred to the approved gas design to ensure any trenches, ducting and meter positions have been adhered to	
Are my trenches the right size with adequate fine fill sand?	
Have I provided the required proximity clearance from other utility apparatus?	
If applicable, have I used the approved yellow perforated flexi-duct BS4962	
Have I taken photos of the service ducting levels and had these verified by Pivotal? It is at the Developers risk if these need to be rectified at a later date	
Do I have gas marker tape ready to install when I backfill?	
Is enough fine fill sand available on site to cover the mains and services once they are installed?	
Have I left at least a 1m x 1m excavation pit open at either end of the service?	
Have I ensured that all scaffolding has been removed where Pivotal will be working? There should be a 4m distance between the service or main trench and any scaffolding.	
Have I installed the meter boxes with doors attached?	
Are my premises watertight and lockable?	
Do I know how many Pivotal site visits are remaining to complete my development?	





# General Information



01455 244556

contactus@pivotalenergy.co.uk

www.pivotalenergy.co.uk

Pivotal Energy are serious about health and safety and treat the legislation and regulations that protect us all with the utmost importance. We provide all our clients and the members of our team with the tools and knowledge to ensure that we're both complying with the relevant CDM regulations and requirements for the scope of works that we will be undertaking. Unless otherwise explicitly confirmed, we will be working under the clients Principal Contractor.



**All installation works on site must only be carried out by Pivotal Energy. We are a GIRS registered contractor and approved meter installer.**

This document details the technical standards, practical steps, arrangements, installation criteria and quality control process for the installation of Gas Main or Services in line with IGE/TD/3 & IGE/TD/4.



Scan the QR Code to view our Terms & Conditions





**Thank you for choosing Pivotal.**



Gas | Electric | Water | Renewables