

Process Title: NEW DESIGN PROCESS FOR ARCHITECTS, MECHANICAL CONSULTANTS, SPECIFIERS & BUILDERS

Department:	New Build
Maintained By:	Eunice McClune
Reference Number:	NB
Issue Number:	02
Last Reviewed By:	Eunice McClune
Last Reviewed Date:	26.6.18

Contents

1. Process Frequency	
2. Circulation List	
3. Process Description	
3.1. Overview	
3.2. Methodology	
3.3. External Data Sources	
3.4. File Locations	

DESIGN PROCESS - NEW BUILD

We require you to have your gas meter positions and the electric meter positions digitised and to scale on the elevations for each house type and on the site layout drawing. For large apartment blocks with internal meter positions both gas and electric meters must be digitised on the floor plans also.

All drawings must be scaled and the layout drawing must show your new development in relation to some existing geography. To help you with your design I have listed the rules you need to adhere to when digitising. If you have any difficult sites or require any help or advice we would invite you to come into Phoenix and discuss with us. Appointments will be available on Tuesday & Thursday afternoons. This should speed up the process for getting designs back to you. The same applies to any revisions and please note revisions are chargeable up to a maximum of £500 + VAT. Before you digitise any drawings please check with me as to the pressure in the area as the regulations for medium and low pressure are different.

Medium Pressure Areas

Medium Pressure is denoted in blue on our drawing.

The gas box is to be sited to the front of a property or 2m down the gable. If you require to site the meter box further down the gable there is a charge of £27.32 per m including VAT and the box can only go further down if there is a gap of more than 1.2m from the gable to the boundary line/fence. If gas boxes are to be sited on facing gables there must be 2.3m clearance between the two buildings.

The box must be sited 1550mm away from any electrical apparatus including the electric meter box, door bells outside lights etc. The box must be sited 1.0m away from any openings including vents, doors, opening part of the window & expansion joints. Solid panes are classed as wall and not window.

Recessed Box - aperture 532mm H x 366mm W. The box must be built in a minimum of 5 bricks above the damp proof course. Seal the box with a securing compound.

DO NOT PUNCTURE THE BOX & DO NO SCREW IT IN TO THE WALL.

The service must be kept 1m out from the gable of the house and if ducting is used there must be a 1m sq opening below the box to allow the crew to get the black bend on. You cannot reinstate or pave right up to the box until after the service is completed.

Mains must be a minimum of 3m out from any part of any building (sometimes they may have to be laid in the road to achieve proximities).

Services 750mm deep and keep track out 1m from gable wall to enable the service to swing in to the meter box.

IN MEDIUM PRESSURE GAS AREAS - METERS CANNOT BE SITED INTERNALLY.

The box must front the main that it is feeding.

We will not site meters in car ports, pends, behind buildings, under sinks or drainers, in corner units, under stairs, bedrooms or bathrooms.

Low Pressure Areas

Low Pressure is denoted in red on our drawing

The gas box is to be sited to the front of a property or 2m down the gable. If you need to site the meter box further down the gable there is a charge of £27.32 per m incl. VAT and the box can only go further down if there is a gap of more than 1.2 to the boundary line/fence. If gas boxes are to be sited on facing gables there must be 2.3m clearance between the two buildings.

The box must be sited 300mm from any electrical apparatus including the electric meter box, door bells, BT boxes, outside lights etc.

The box must be sited 300mm away from any openings including vents, doors, opening part of the window & expansion joints. Solid panes are classed as wall and not window.

Recessed Box aperture - 532mm H x 366mm W. The box must be built in a minimum of 5 brick above the damp proof course. Seal the box with a securing compound.

DO NOT PUNCTURE THE BOX & DO NOT SCREW IT IN TO THE WALL.

The service must be kept 1m out from the gable of the house and if the builder uses ducting there must be a 1m sq opening below the box to allow the crew to get the black bend on.

You cannot reinstate or pave right up to the box until after the service is completed.

Mains must be a minimum of 1m out from any part of any building (sometimes they may have to be laid in the road to achieve proximities). Services 750mm deep and keep track out 1m from gable wall to enable the service to swing in to the meter box.

IN LOW PRESSURE GAS AREAS - METERS CAN BE SITED INTERNALLY WITH PHOENIX AGREEMENT.

The box must front the main that is supplying it. We will not site meters in car ports, pends, behind buildings, under sinks or drainers, in corner units, under stairs, bedrooms or bathrooms.

LARGER PROPERTIES

For larger properties the standard domestic meter may not be sufficient and a larger U16 meter may be required. In this instance please email through the KW input of all the gas appliances to be installed. If the house requires a U16 or larger meter in a medium pressure area it is probably best to site it remote from the house and the clearance required is 750mm to either side of the box, above it and in front of it.

Please do not send auto cad drawings. We only accept pdf's. To help facilitate printing etc. please ensure a print view, including border, scale and page size, has been created for each drawing.

All KW input ratings of all gas appliances must be listed on the drawing for one off larger houses to determine the meter size.

I appreciate your co-operation with these changes and please do not hesitate to contact me if you have any queries. When sending in your applications we require a site location map, site layout and elevations for each house type. In the case of apartments only we require floor plans with the meter position marked also.

Key contact names and numbers

Eunice McClune 07800 626010
New Build Sales Manager
Eunice.mcclune@phoenixnaturalgas.com

Oliver Mars 07800 626033
Industrial & Commercial Sales Manager
Oliver.mars@phoenixnaturalgas.com