
Gas - Existing Infrastructure

Craig Cockerham

From: .box.PPRSTeam [PPRSTeam@uk.ngrid.com]
Sent: 29 September 2010 11:24
To: craig.cockerham@centara-ltd.com
Subject: FW: National Grid Plant Enquiry Response - Ref: NW_TN_S_24736 (Your Ref: ym013)
Attachments: DigSafe_credit_card3d_gas_final_amends_061207.pdf; Other_Address_Flyer_v8.xls; Digsafe_leaflet3e_061207.pdf; gas_map_2909201011221392111740.PNG; 7332_NatGrid_assetprot_v2_new_final.pdf

Please find National Grid's response to your enquiry

Regards

Plant Protection Team

Do not reply directly to this e-mail account as it is not monitored

E-mail: plantprotection@uk.ngrid.com

Tel: 0800 688 588

National Grid Plant Protection

National Grid, Block 1 Floor 2

Brick Kiln Street

Hinckley

LE10 0NA

One Number One Address (Distribution & Transmission)

For National Grid Transmission Assets Search Free at www.linesearch.org

Speculative Development - Ref: NW_TN_S_24736 (Your Ref: ym013)

National Grid acknowledges receipt of your enquiry received on 24/09/2010.

A standard assessment has been carried out with respect to our operational gas and electricity apparatus.

In the event of these proposed works going ahead at a future date, unless appropriate precautions are taken, they may adversely impact the safety and integrity of our apparatus and place you or your employees and the general public at risk.

Please contact Plant Protection 10 days prior to works, quoting the enquiry reference number.

Works should not be carried out until further consultation has taken place.

See the assessment below for full details.

Apparatus owned by other operators may be present in this area. It is your responsibility to make contact with these operators.

Assessment

There is National Grid apparatus directly crossing your Area of Enquiry. Before carrying out any excavation, trial holes must be dug to find the exact position of gas pipes, using recognised and agreed safe hand digging techniques.

Reference should be made to the HSE Guidance Note HSG47 - 'Avoiding Danger from Underground Services'.

Please read the rest of this message and its attachments carefully for additional information and guidance.

Please contact National Grid well in advance of commencement of works to avoid any delays.

We will require your intended start date.

We advise that you request an up to date version of National Grid's mains records.

We advise that you submit full details of your finalised proposals to allow National Grid to determine whether apparatus may be affected.

Surface Work/Shallow Excavation

Do not bury or move National Grid surface boxes. Access must be maintained both during and after your works. National Grid reserve the right to locate and/or realign any boxes not left in such condition upon completion of your works and at your expense. No manhole cover or other structure is to be built over, around, or under a gas pipe and no work is to be carried out which results in a reduction or increase in cover or protection, without agreement.

High or Intermediate Pressure Gas Distribution Apparatus

There is High or Intermediate Pressure gas apparatus in the vicinity of your enquiry which may be affected by your proposed activities.

It is essential that NO works or crossings of our High or Intermediate Pressure pipelines are carried out until detailed consultation has taken place.

The excavation of all trial holes in the vicinity of High or Intermediate Pressure pipelines shall be supervised by a National Grid responsible person.

Medium or Low Pressure Gas Distribution Apparatus

There is Low or Medium pressure gas apparatus in the vicinity of your enquiry which may be affected by your proposed activities.

It is essential that **NO** mechanical excavations take place above or within 0.5 m of Low and Medium pressure systems.

You should where required **CONFIRM THE POSITION** of mains using **HAND DUG TRIAL HOLES**.

Guidance

See attached for DigSafe Guidance 'Credit Card'

See attached for National Grid 'Useful Addresses' Flyer

If working in the vicinity of a high pressure gas pipeline the following document must be followed: 'Specification for Safe Working in the Vicinity of National Grid High Pressure Gas Pipelines and Associated Installations – Requirements for Third Parties' SSW22. This can be obtained from: http://www.nationalgrid.com/NR/rdonlyres/50ACAC0A-ED26-41A7-91FA-83163A98270F/23790/TSPSSW22_J537_Rev0807.pdf

See attached for National Grid 'DigSafe' Leaflet

Safe digging practices, in accordance with Health and Safety Executive document HSG47, must be used to verify and establish the actual position of mains, pipes, cables, services and other apparatus on site before any mechanical plant is used.

It is your responsibility to ensure that all relevant information is provided to all persons (either direct labour or contractors) working for you on or near National Grid apparatus.

It must be stressed that both direct and consequential damage to gas or electricity apparatus can be dangerous both for your employees and the general public.

Repairs to any such damage will incur a charge. Your works should be carried out in such a manner that we are able to gain access to our apparatus throughout the duration of your operations.

Work carried out without proper consultation is done so at your own risk.

Please note that apparatus owned by other operators may be present in this area. Information with regard to such apparatus should be obtained from the owners.

Should the location, date or nature of your activities change, you must submit another enquiry which reflects the updated details.

If you require further assistance please contact the National Grid Plant Protection team:

Plant Protection

National Grid

Block 1; Floor 2

Brick Kiln Street

Hinckley

LE10 0NA

Tel: 0800 688 588

Email: plantprotection@uk.ngrid.com

Reporting a Gas Emergency

If you smell gas or are worried about gas safety in Britain, you can call **0800 111 999** at any time, day or night. Your call will not cost you anything. Calls are recorded and may be monitored.

Received Date

24/09/2010

On behalf of Third Party

Organisation Name: Centara Ltd

Contact Name: Mr Craig Cockerham

Email address: craig.cockerham@centara-ltd.com

Telephone: 01924 220726

Address: Office 1, Normanton Business Park, Ripley Drive, Normanton, WF6 1QT

Your Reference

ym013

Location

Grid Reference: 373737, 436495

X Extent: 500

Y Extent: 500

Location Description: BB7 9RG, Site east of Clitheroe Rd, Whalley, Lancs

Recipients

PPRSTeam@uk.ngrid.com

Development Types

Other

Work Types

Shallow Excavation (< 0.3m)

Map Options

Paper Size: A4

Orientation: Portrait

Requested Scale: 1:2500

Actual Scale: 1:5000 (GAS)

Real World Extents: 1010m x 1090m (GAS)

Description of Works

(P) Utility plan request works not specified.

This e-mail, and any attachments are strictly confidential and intended for the addressee(s) only. The content may also contain legal, professional or other privileged information. If you are not the intended recipient, please notify the sender immediately and then delete the e-mail and any attachments. You should not disclose, copy or take any action in reliance on this transmission.

You may report the matter by calling us on 0800 085 4806.

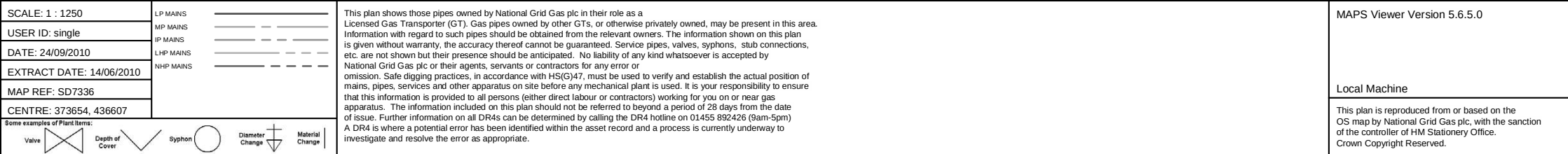
Please ensure you have adequate virus protection before you open or detach any documents from this transmission. The Group Companies do not accept any liability for viruses. An e-mail reply to this address may be subject to monitoring for operational reasons or lawful business practices.

For the registered information on the UK operating companies within the National Grid group please use the attached link:
<http://www.nationalgrid.com/corporate/legal/registeredoffices.htm>

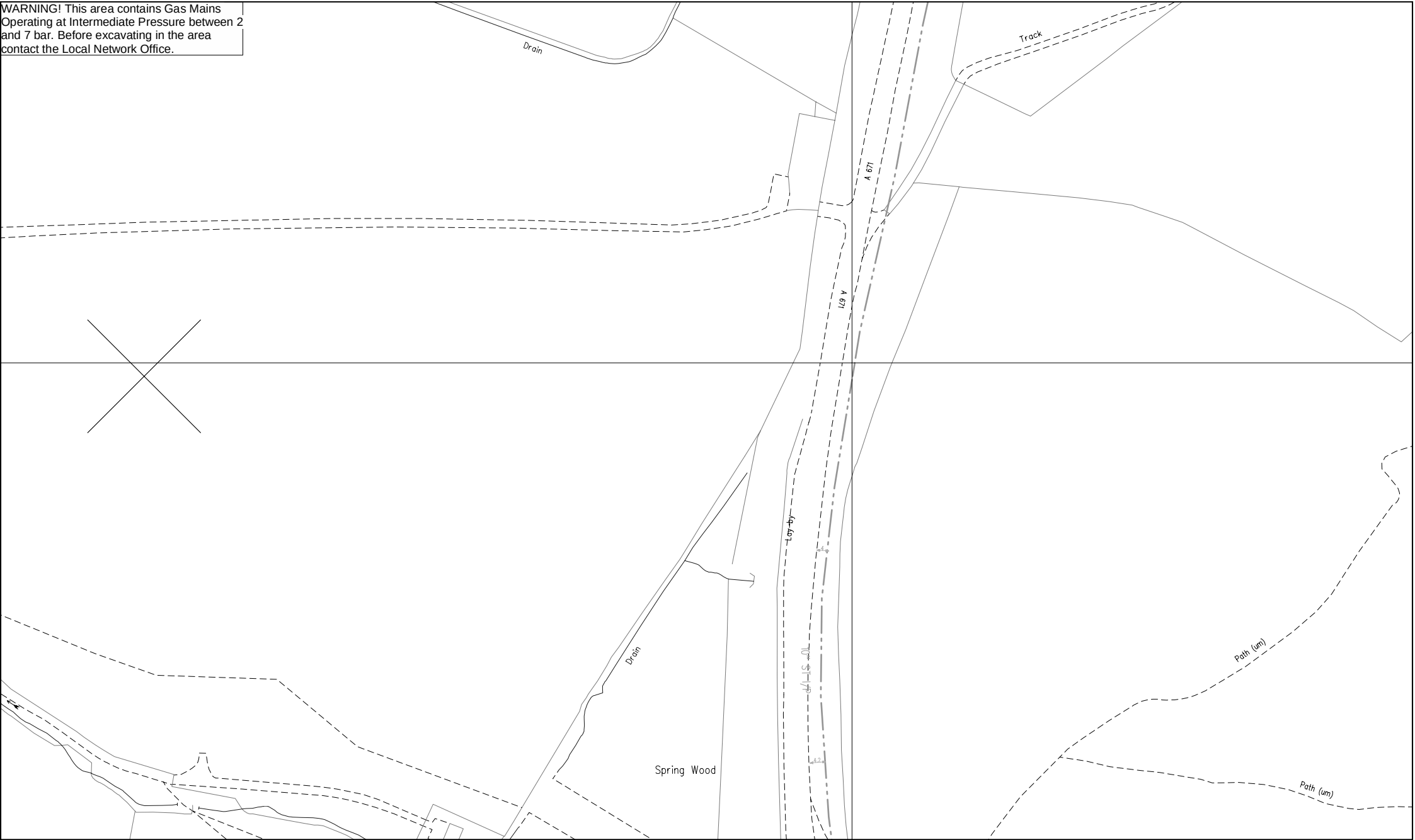


ID: 2926		View extent: 1010m, 1090m	National Grid apparatus may be affected
USER: yvonne.mcewan		LP MAINS 	MAPS Plot Server Version 1.6.8 nationalgrid
DATE: 29/09/2010		MP MAINS 	
DATA DATE: 29/09/2010		IP MAINS 	
REF: ym013		LHP MAINS 	
MAP REF: SD7336		NHP MAINS 	
CENTRE: 373737, 436495		 Approximate scale 1:5000 on A4 Colour Portrait	Requested by: Centara Ltd
Map 1 of 1			This plan is reproduced from or based on the OS map by National Grid Gas plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886
Valve  Depth of Cover  Syphon  Diameter Change  Material Change 			

This plan shows those pipes owned by National Grid Gas plc in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc., are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Grid Gas plc or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.



WARNING! This area contains Gas Mains Operating at Intermediate Pressure between 2 and 7 bar. Before excavating in the area contact the Local Network Office.



SCALE: 1 : 1250	LP MAINS	
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Gas - New Supply

Our ref: PJL/71409/Fulcrum

19th October 2010



Fulcrum
Carr House
Greasebrough Road
Rotherham
S61 4QQ

**WSP Development and
Transportation**

Three White Rose Office Park
Millshaw Park Lane
Leeds
LS11 0DL
Tel: +44 (0)113 395 6200
Fax: +44 (0)113 395 6201
<http://www.wspgroup.com>

WSP Group plc
Offices worldwide
www.wspgroup.com

Dear Sirs

**Land East of Clitheroe Road, Whalley
Gas Pre-development / Initial Enquiry**

Following the advice of one of your in-house consultants please find attached a completed "Application form for multiple gas supplies" for a large proposed residential development in the Ribble Valley. Further details are given below under the headings as per your form.

The proposed development is for the construction of 350 residential units which will include mews, terraced and some detached dwellings. The timing and phasing of the development is based on an outline strategy provided by the Client which may change subject to market conditions. It is assumed that around 70 dwellings will be sold per year over a 5 year period with construction beginning in August 2011.

Outline budget estimates / information is required for the following items:-

- Confirmation of any available spare capacity with the existing network that could be used for the development without the need for upgrading the network.
- Any off site network upgrading required to supply the estimated demands (see later for demand requirements and anticipated phasing)
- Provision of on site network infrastructure.
- Any significant diversion works required.

The estimated total gas demand of 13691392 kwh / per / year is based on average figures for the current proposals. Phasing of the development is assumed to be spread evenly over 5 years and the anticipated demand is assumed to incrementally increase over this time.

Further details are given below under the headings as per your enquiry form.

Section 1

We have been appointed by Commercial Estates Group to undertake a utilities infrastructure study and prepare a report to support the purchase of the site and to form part of an ultimate planning application. Although the ultimate customer will be Commercial Estates Group please direct any correspondence relating to this pre-planning enquiry direct to me.

Section 3

As the proposed scheme is in the early stages of development require budget estimates to support the purchase of the site and for form part of an ultimate planning application. It would be appreciated, for the benefit of our client's cost plan, if you could provide cost breakdown for the two elements separately.

Section 4

No detailed housing types have been defined at this early stage. For the purposes of this study we have taken a view that the terraced and mews style properties will have three bedrooms while the detached houses will have four bedrooms.

Section 5

The specific requirements of our client have not been defined in detail at this stage. For the purposes of this study we have considered that all properties will be provided with external meters in semi-concealed boxes. Once more detail is available we will consult with you regarding additional details.

Section 7

No detailed housing construction techniques have been defined at this early stage. For the purposes of this study we have considered that no properties will be constructed using timber frame. Once more detail is available we will consult with you regarding additional details.

A United Utilities aqueduct crosses the site from the eastern to the western boundary. However, discussions with UU have identified that this service is at a depth of 3 to 4m and should not restrict the development of the site.

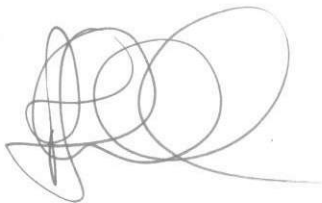
Section 9

A site location plan is enclosed that includes the location of the overall site. Also enclosed is a copy of the draft masterplan. Currently the proposed layout of the site is not detailed sufficiently to give information on:

- Individual property boundaries
- Meter point locations

I hope the information presented is sufficient for you to review the provision of gas to the site and look forward to receiving information on the above issues. Should you need any additional information or wish to discuss this please feel free to you contact me.

Yours faithfully

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Paul Laidler
Principal Engineer
DDI: 0113 395 6302

Encs - Completed "Application form for multiple gas supplies" form
 - Site Location Drawing SK-GA-001
 - Draft masterplan layout

Application form for multiple gas supplies

If you require supplies to 25 or more properties simply tick this box ☒ and complete sections 1, 2, 9 & 10 only, send it to us via email, fax or freepost, and we will then contact you to discuss your requirements.

The details you need to return this form to us can be found on the last page of this application form. Please call our Customer Care team on 0845 641 3010 if you have any questions about completing this form or require any further assistance establishing your gas requirements; we will be happy to help.

1. CUSTOMER DETAILS *REFER TO COVERING LETTER.*

Your Name: PAUL LAIDLER		Your Reference: 71409	
Company Name (if applicable): WSP DEVELOPMENT & TRANSPORTATION			
Address: THREE WHITE ROSE OFFICE PARK MILLSHAW PARK LANE LEEDS		Landline Telephone: 0113 395 6302	
		Mobile Telephone:	
		Email: paul.laidler@wspgroup.com	
Post Code: LS11 0DL		Fax: 0113 395 6201	Today's date: 29/10/2010

2. SITE DETAILS

Is the site address the same as the customer address? YES ☐ NO ☒
If NO, please provide details below:

Site Address: CLITHEROE ROAD WHALLEY RIBBLIE VALLEY	Name of Site Contact: N/A
	Landline Telephone: N/A
	Mobile Telephone: N/A
Post Code:	Email: N/A

What is the date that you require gas to the first property: **AUGUST 2011**

3. YOUR NEEDS *PLEASE REFER TO COVERING LETTER.*

Just tick any of the boxes in A) or B) below to indicate which service(s) you require.

A) If you **only** require gas **disconnections** please tick this box ☐ and move directly onto section 9. However, if you require gas disconnections **and** new supplies please tick this box ☐ and continue Completing the form.

B)

Existing or New Gas Main

Existing Gas Main

Meter

Tick all of those applicable

New multiple supplies ☒

New multiple supplies with meter installations* ☒

* Please see note overleaf about gas suppliers

Outlet pipework** (The pipework from your meter to your appliances) ☐

Your appliances:
e.g. Domestic Central Heating,
Commercial Catering Equipment,
Industrial Blast Furnaces.

**Industrial, large commercial and large public sector properties only.

*To install your meters we require the name of your gas supplier.

If you **don't** have a gas supplier and would like **Fulcrum** to arrange one on your behalf please tick this box ☐

If you **do** have an existing gas supplier please provide their name:

Gas Supplier :

4. PROPERTY TYPE/GAS LOAD INFORMATION

about the property

Please give the number of each type of property:

Domestic **Non-Domestic**

Are there any existing live gas supply in any the properties / buildings? **YES** ☐ **NO** ☒

If **YES**, please provide the MPRN numbers if you know them :

MPRNS:

your gas load requirements

Do you already know your gas load requirements?

YES ☒ **NO** ☐

If **YES**, please complete Table 1 immediately below and move directly onto section 5:

Table 1

Property Type	No. of each type	Total Hourly Gas Load (KW)	Total Annual Gas Load (KWh)
TERRACED	104	2704	394 7840
SEMI	90	2340	341 6400
DETACHED	156	4680	6832800
Totals:	350	9724	13691392

If **NO**, please complete Tables 2 and 3 for any **Domestic properties** and Tables 4 and 5 for any **Non-Domestic properties**.

REFER TO COVERING LETTER

Table 2

Property Type	Number of Bedrooms	Number of each requiring a new gas supply
Flats	1	
	2	
	3	
Bungalow	2	
	3	
Terraced	2	
	3	104
	4	
Semi-Detached	2	
	3	90
	4	
Detached	2	
	3	~~156~~
	4	156

Will the properties have any additional equipment e.g. swimming pools YES ☐ NO ☒

If YES, please provide details in Table 3 below:

Table 3

Equipment	Hourly Gas Load (KW)	Annual Gas Load (KWh)

If you require connections to any **Domestic** properties that are not covered in the 'property type' table above e.g. **5 or 6 bedroomed properties**, or will have any additional equipment and your gas requirements are not known, simply complete the remaining sections of the form making sure you have added telephone contact details in section 1, send it back to us at and we will contact you to discuss your requirements.

Non-Domestic Properties

What business / businesses will the Non-Domestic properties be used for:

N/A

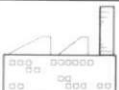
Please tick the boxes and complete Table 4 below to indicate what the highest gas load in each property will be used for:

- a) Central heating/Hot water
b) Commercial catering equipment (e.g. restaurant/takeaway)
c) Manufacturing equipment

	Table 4
	Number of properties
☐	
☐	
☐	

Meter Types						
U6 (64KW max)	U16 (173 KW max)	U25 (270 KW max)	U40 (433 KW max)	U65 (660 KW max)	U100 (1072 KW max)	U160 (1473 KW max)

Table 5

Category (please tick)	Property Type	Number required	Typical Gas Load
1 ☐			A small non-domestic property will typically use no more than 64 KW, requiring no larger than a U6 meter. For example small shops that require gas for central heating and hot water only.
2 ☐			Non-domestic properties such as restaurants using commercial catering equipment, will typically require U16 meters and above.
3 ☐			Larger non-domestic properties, with higher or specialist gas load requirements (e.g. for manufacturing equipment), will typically require U25 meters and above.

Thank you for this information, we may need to contact you to determine your exact gas load requirements.

Please continue to complete the application form.

5. METER BOXES & METER HOUSING

Meters can be fitted either inside your property or alternatively they can be fitted outside your property in a meter box or meter housing.

Meter boxes must be used for U6 meters fitted outside (up to loads of 64kW).

Meter housing is used for meters larger than a U6 fitted outside (loads over 64kW).

How many meters do you require?

Inside* ☒ 350 Outside ☒ 350

If any are **inside**, are they all required in ground floor rooms?

YES ☐

NO ☐

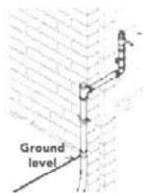
If **NO**, please continue completing the form but we may need to contact you to discuss your options.

*We may not be able to provide a quotation to an internal position for certain projects, this is to comply with the Gas Safety (Installation and Use) Regulations (GSIUR). We will discuss this with you when our Technical Designer gives you a call.

If **inside** and all in ground floor rooms, the meter positions will be installed in this manner:

Internal*

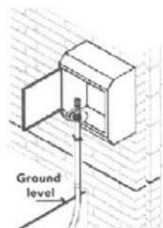
Number required



*No meter housing is required for internal positions (for either U6 or larger meters).

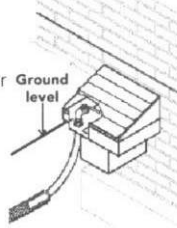
If U6 meters are to be installed **outside**, please use the boxes below to confirm the type and number of meter boxes that will be fitted:

Surface Mounted* ☐



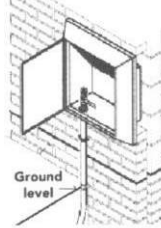
*We fit surface mounted meter boxes.

Semi Concealed** ☒



We fit semi concealed meter boxes and recommend that you do **not fit your own boxes.

Built-in (Recessed)***



***Builders supply and fit built-in boxes, if you require built-in meter boxes you will need to consult your builder.

If you or your builder are fitting built in boxes please tell us how many you will be fitting:

Number Required

Number Required 350

Number 350

Do you require us to provide and fit these meter boxes?

YES ☐ NO ☐

Would you like us to provide larger external meter housing?
(for meters larger than a U6)

YES ☐ NO ☒

If **YES**, how many are required?

6. ON-SITE EXCAVATION

On your property or site do you want to dig the trench for the pipes?

YES ☒ NO ☐

7. DEVELOPMENT TYPE

Will the gas supplies be going to:

Existing Properties (including extensions) ☐ New Builds ☒

If **new**, are the properties already built?

YES ☐ NO ☒

Are any of the buildings timber framed? *REFER TO COVERING LETTER*

YES ☐ NO ☒

Is it likely that the gas supplies will have to cross someone else's private land?

YES ☐ NO ☒

Are there likely to be any other on site difficulties or constraints?

YES ☒ NO ☐

If **YES**, please provide brief details:

REFER TO COVERING LETTER

8. PROPOSED DEVELOPMENT OF THE SITE

	2009/2012	2010/2012	2011/2014	2012/2015
Number of Properties Requiring a Gas Supply	88	88	88	86

9. ATTACHMENT CHECKLIST

Please make sure you have included the following attachments when you return this application form:

NEW BUILDS

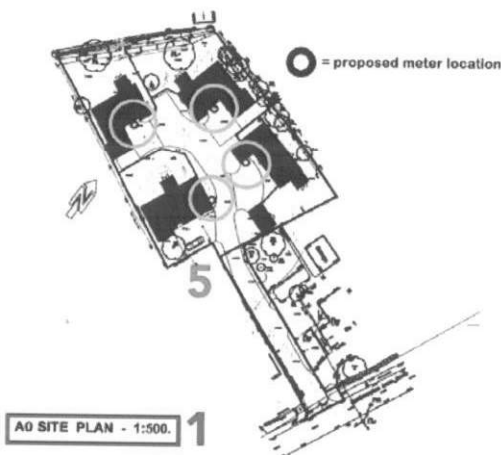
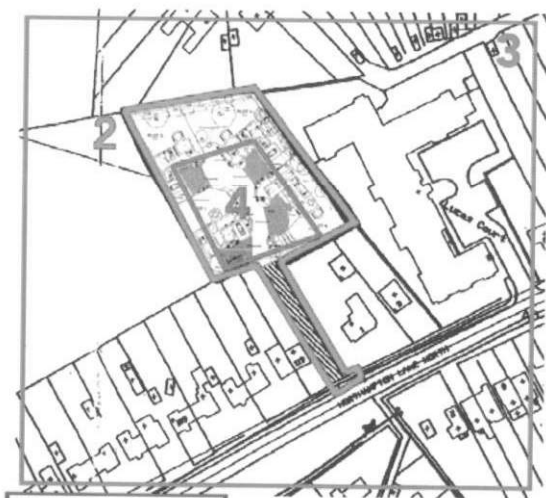
Scaled site plan with marked meter positions and a site location drawing including the OS Map Co-ordinates (if known):

REFER TO COVERING LETTER

☐

SITE PLAN CHECKLIST

1. The plan shows the scale.
2. The site boundary is clearly identified.
3. The surrounding geography is shown.
4. The new buildings are shown within the site boundary.
5. The meter positions are marked.

☐
☐
☐
☐
☐


Please note:

- We would prefer you to **email your plans** in an electronic format, such as a PDF, along with your application form. This saves time when we're designing the infrastructure to your site and by saving paper, we're helping the environment too.
- For **new builds** we utilise your scaled site plan to create the design. In order to ensure compatibility with our design system we require a black and white plan (we cannot accept coloured plans or faxed scale drawings).

EXISTING PROPERTIES

Site location drawing, showing surrounding geography, with marked meter positions: ☐

DISCONNECTIONS

Site location drawing with existing meter positions: ☐

10. HOW DID YOU HEAR ABOUT US?

You are an existing customer ☐

From your gas supplier ☐

From a colleague/friend ☒

Internet search ☐

A promotional campaign ☐

Please provide the campaign reference number (if known)

One of our Regional Sales Managers ☐

Other ☐

If 'other' please provide details below:

Would you like to receive email updates about Fulcrum? YES ☐ NO ☒

Should we need to contact you by telephone, when is this best for you?

Day ☒

Evening ☐

Weekends ☐

Any details:

ONCE COMPLETED, PLEASE RETURN THIS FORM BY EMAIL, FREEPOST, OR FAX TO:

EMAIL: enquiries@fulcrum.co.uk

POST: Send your completed application form addressed to:

Freepost RSBULGHR-CESL
Fulcrum
Carr House
Greasbrough Road
Rotherham
S61 4QQ

FAX: 0845 641 1808

Further copies of this form can be printed directly from www.fulcrum.co.uk or simply call us on 0845 641 3010 and we'll post you a copy.

Thank you for choosing fulcrum

Laidler, Paul

From: Customer Care [enquiries@fulcrum.co.uk]

Sent: 01 November 2010 16:36

To: Laidler, Paul

Subject: Thank you for contacting Fulcrum

One of our Customer Care Advisors will be in touch with you shortly.

If you need to report a gas emergency, please call the National Emergency Gas Number free on 0800 111 999.

about us

Fulcrum is the UK's leading utility infrastructure provider. We offer end to end gas connection services, a complete multi utility service and a suite of renewable energy products nationally.

We also hold a gas transporter (GT) licence, this means that we deliver a complete end-to-end service to the market, firstly through installing gas pipes and infrastructure and then owning and operating these networks.

We have a centralised administrative hub in Rotherham, a dedicated design house in Edinburgh and an engineering capability covering the whole of mainland UK.

We also have dedicated teams of experts who deal specifically with special projects, multi utility, carbon reduction programmes and renewable energy sources.

our products and services

Our products and services are available across the multiple housing, complex domestic, industrial and commercial markets. These include:

- Gas connections
- Electricity connections
- Water connections
- Metering design and installation
- Renewable energy sources
- Feasibility studies and project consultancy
- Environmental impact studies
- Integrated design solutions
- Dedicated project management

More information about us, our structure and the products and services that we offer is available on our website www.fulcrum.co.uk.

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<http://www.fulcrum.co.uk/aboutus/Companystructure>

Laidler, Paul

From: Thomas, Mark [Mark.Thomas@fulcrum.co.uk]
Sent: 12 November 2010 11:02
To: Laidler, Paul
Subject: Gas Connection Clitheroe Rd, Whalley PJJ/71409/Fulcrum 4179938
Attachments: IP Connection location.pdf

Paul

Ref: PJJ/71409/Fulcrum

Just tried to call you, re your site at Clitheroe Rd, Whalley. As per your letter dated 19th of October.

Fulcrum recommend a connection to the east of the site, from an Intermediate Pressure main in the opposite side of the A671. This would require a pressure reduction system (governor) to Low pressure, with a legal land transfer for the governor location and more than likely an easement for the connection point, as the IP main is located in third party land. Fulcrum would include costs within our indicative quotation.

Connections to the west of the site are Low Pressure which would require reinforcement. Or from an Medium Pressure "Swage line" main, which would have connection approval difficulties with National Grid. Therefore, the best engineering practice is an IP connection, as above. This would also avoid any potential diversionary or abandonment work to the current mains infrastructure. However, we advise you approach NG planning direct to confirm this information.

If you wish to discuss any of the design issues, please call on the number below. Our bid department will forward you your final indicative quotation.

Thanks

Mark Thomas
Design Engineer



T: 01709 845671
F: 0845 6411808

E: mark.thomas@fulcrum.co.uk

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19/11/2010

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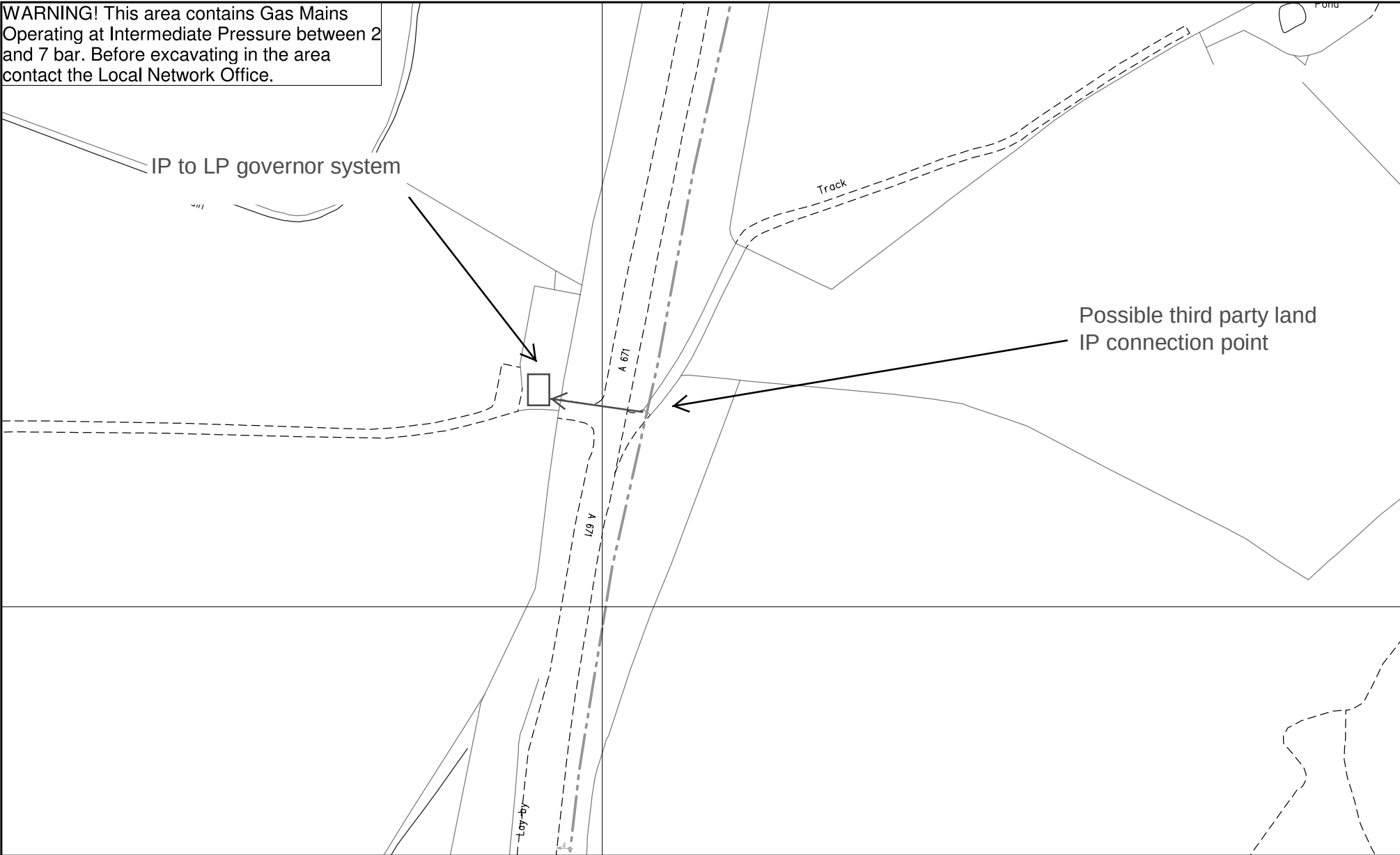
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<http://www.fulcrum.co.uk/aboutus/Companystructure>

WARNING! This area contains Gas Mains
Operating at Intermediate Pressure between 2
and 7 bar. Before excavating in the area
contact the Local Network Office.



SCALE: Not to scale		LP MAINS	This plan shows those pipes owned by National Grid Gas plc in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Grid Gas plc or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) or texting .DR4.5.(DR4 Number here) to 07816 650682 (5pm-9am). A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.		MAPS Viewer Version 5.6.3.0	
USER ID: mt068		MP MAINS			4179938	
DATE: 12/11/2010		IP MAINS			Local Machine	
EXTRACT DATE: 10/09/2010		LHP MAINS			This plan is reproduced from or based on the OS map by National Grid Gas plc, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved.	
MAP REF: SD7436		NHP MAINS				
CENTRE: 374029, 436551		HISTORY MAINS				
Some examples of Plant Items:		GTs	SSSIs			
Valve	Depth of Cover	Syphon	Diameter Change	Material Change		

Carr House
Greasbrough Road
Rotherham
South Yorkshire S61 4QQ

T 0845 641 3010
F 0845 641 1808
E enquiries@fulcrum.co.uk
I www.fulcrum.co.uk



Quotation Reference: MU_4179938

Your Reference: PJJ/71409/Fulcrum

Date: 23rd November 2010

Mr Paul Laidler
WSP Development and Transportation
Three White Rose Office Park
Millshaw Park Lane
Leeds
LS11 0DL

your indicative price quotation

Dear Mr Laidler,

RE: Clitheroe Road, Whalley, Ribble Valley, BB7 9AA

Thank you for giving us the opportunity to provide an indicative price quotation for works at the above site.

I am pleased to provide you with the following indicative price for the works as detailed below:

Gas supply up to the Emergency Control Valve (ECV)
Meter installation

The indicative price to carry out the works is: **£238,544.78**

Please note this indicative quotation does not include any discount for Asset sales we anticipate that this could be in the region of £200,000.00

This price will be subject to VAT at the appropriate rate as set out by HM Customs and Excise.

This figure is indicative and does not represent an offer to carry out the works. If a firm quotation is requested, Fulcrum may provide a price that is different from the amount indicated.

what you need to do now

If you would like to proceed and make this indicative price quotation a firm quotation, or if you would like us to undertake a detailed design study, please contact your Fulcrum Advisor Mr Adam Wells on T 0845 641 3010 who will be pleased to help.

Thank you for choosing fulcrum

Yours sincerely,

Lee Clarke
Commercial Bid Manager

Fulcrum is a trading name for Fulcrum Infrastructure Services Limited
Registered in England No: 6006363
Registered Office: Pellipar House, 1st Floor, 9 Cloak Lane, London EC4R 2RU
Incorporated in England and Wales.



the assumptions

1. Fulcrum is assumed to excavate, backfill & reinstate all trenches required outside the site boundary.
2. It is assumed that the developer will excavate, backfill & reinstate all trenches required within the site boundaries.
3. The developer would be required to provide suitable provision for all work and clear working access to site at all times.
4. Termination points assumed.
5. No outlet pipework is included within this indicative price, however we would be happy to provide a quotation for these services. Please contact your Fulcrum Advisor if you would like to learn more.
6. It is assumed that any CHP, compressors or boosters etc. to be connected to the proposed infrastructure will be done in accordance with all appropriate legislation/policies etc. to maintain the integrity and security of the existing infrastructure (this may mean upsizing of some or all of the proposed new infrastructure) and no additional design parameters have been included for.
7. The assumption that there will be sufficient capacity in the existing network.
8. This budget indication does not take into account, or include for, any specialist works e.g. rail crossings, third party underground plant, design studies, reinforcement, diversions or disconnections etc. that may be required.
9. Fulcrum recommend a connection to the east of the site, from an Intermediate Pressure main in the opposite side of the A671. This would require a pressure reduction system (governor) to Low pressure, with a legal land transfer for the governor location and more than likely an easement for the connection point, as the IP main is located in third party land. Fulcrum has included an estimated costs within our indicative quotation for these easements.
10. Connections to the west of the site are Low Pressure which would require reinforcement. Or from a Medium Pressure "Swage line" main, which would have connection approval difficulties with National Grid. Therefore, the best engineering practice is an IP connection, as above. This would also avoid any potential diversionary or abandonment work to the current mains infrastructure. However, we advise you approach NG planning direct to confirm this information.



Electricity - Existing Infrastructure



United Utilities Water PLC
Property Searches
Stephen's Way
Goose Green
Wigan
WN3 6PJ

DX 719690 Wigan 8

Telephone 0870 751 0101

unitedutilities.com

**CENTARA LTD
OFFICE 1 NORMANTON BUSINESS PARK
RIPLEY DRIVE
NORMANTON**

WF6 1QT

Facsimile: 0870 7510102
Email: property.searches@uuwplc.co.uk
Your Ref:
Our Ref: 08/ 764045
Date: 06/10/10
MsContact: Pamela Hardcastle

FAO: C Cockerham

Dear Sirs

Location: SITE EAST OF CLITHEROE ROAD WHALLEY

I acknowledge with thanks your request dated 24/09/10 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

I attach General Condition Information sheets, which details contact numbers for additional services (i.e. new supplies, connections, diversions) which we are unable to deal with at this office. In addition you should ensure they are made available to anyone carrying out any works which may affect our apparatus.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please telephone us on 0870 7510101.

Yours Faithfully,

Sue McManus
Operations Manager
Property Searches

