NORTHERN POWERGRID

If telephoning or calling please ask for:
Peter Liddle
0191 2294294

Our Ref: 16/397920

Your Ref: 15 September 2016

Date:

Petter Leonard
EDCM Consulting
3 Oxford Place
Leeds
West Yorkshire
LS1 3AX

EDCM
Job No.
16 SEP 2016
File No.
AGS
SLR
SAR
OA

Dear Sir/Madam

REQUEST FOR RECORDS SHOWING LOCATION OF APPARATUS at:

Bleachcroft Way Barnsley

Thank you for your enquiry dated 14/09/2016 concerning the above. The enclosed Mains Records only give the approximate location of known Northern Powergrid apparatus in the area. Great care is therefore needed and all cables and overhead lines must be assumed to be live.

Please note that while all efforts are made to ensure the accuracy of the data, no guarantee can be given. We would refer you to the Health & Safety Executive's publication HS(G)47 "Avoiding Danger From Underground Services" which emphasises that:

* Plans must only be used as a guide in the location of underground cables. The use of a suitable cable-tracing device is essential and careful hand digging of trial holes must be carried out to positively identify and mark the exact route of the cable. You should also bear in mind that a cable is unmistakably located only when it has been safely exposed.

* Cable depths are not generally indicated on our records and can vary considerably even when shown.

* Great caution must be exercised at all times when using mechanical plant. Careful trial digging should always be carried out on the whole route of the planned excavation to ascertain no cables exist.

The Health & Safety Executive have another publication, GS6 "Avoidance of Danger from Overhead Electric Lines" that you should be aware of if your work is near overhead power lines. Both of these documents provide comprehensive guidance for observance of statutory duties under the Electricity at Work Regulations 1989 and the Health & Safety at Work Act 1974. Our provision of these records is based upon the assumption that people using them will have sufficient competence to interpret the information given. Any damage or injury caused will be the responsibility of the organisation concerned who will be charged for any repairs.

Please note ground cover must not be altered either above our cables or below overhead lines, in addition no trees should be planted within 3 metres of existing underground cables or 10 metres of overhead lines. All our apparatus is legally covered by a wayleaves agreement, lease or deed or alternatively protected under the Electricity Act 1989. Should any alteration / diversion of our Company's apparatus be necessary to allow your work to be carried out, budget costs can be provided by writing to Network Connections, Northumbria Works, Mill Street East, Dewsbury. WF12 9AH.

Yours faithfully

I. Foster.

Northern Powergrid Records Information Centre

Northern Powergrid Mains Records enclosed:

SE372050.TIF SE372046.TIF

CABLE & OVERHEAD LINES

- 132kV / 66kV / 33kV / 11kV / 6.6kV — HV Cables shown with Voltage and Description
- LV Mains/Service — LV Mains & Service Cables shown with Description only
- Surface Wiring
- P/T — Pilot/Telephone
- Underground Cables shown as broken line Indicates Assumed Route
- Indicates End of Assumed Route
- UIFS — Cable Out of Commission & Unit for Service (No Cable Description Shown)
- OC — Cable Out of Commission & Recommissionable (Cable Description Shown)

UNDERGROUND SYMBOLOGY

- Trifurcating Joint
- Joint (11kV & Above)
- Oversheath Repair
- Cable Termination (Wall or Pole Mounted & Insulated End) — Colours as Cable
- Uninsulated End
- 2 Insulated Ends in One Box
- Joint (LV)
- Pilot/Telephone Joint
- SL — Street Lamp
- TS — Traffic Sign
- TCB — Telephone Call Box
- 3 Way Leads Box (Solid Compound)
- Leads Service Box
- Leads Service Box (special Middle Fitting)
- Pressure Pipe
- Pressure Equipment
- ELB — Earth Link Box
- Duct (Showing No of Ways)
- Reference to Cross Section (With Unique Identifier)
- 1 2 3 4 — Feeder Pillar — Closed LV Way / Open LV Way
- 2 1 / 4 3 — Link Box (4 Way) — Closed LV Way / Open LV Way

OVERHEAD SYMBOLOGY

- Tower
- Steel Mast
- H Pole
- Single Wood Pole
- Stay
- Stay in Tandem
- Live Line Stay
- Strut
- Pole Mounted Transformer
- LV Fuse
- Overhead Termination
- Triggered Spark Gap
- LED — Fault Flow Indicator (LED)
- F — Fuse
- L — Links
- R — Repeater Fuse
- S — Auto Recloser (slow)
- H — Auto Recloser (High)
- I — Isolator
- G — Gas Extinction solator
- M — Motorised Isolator
- MFI — Motorised Fault Ind. Isol.
- AFS — Auto Fault Sectionaliser
- FS — Auto Sectionalising Link
- SECT — Section
- Surge Diverter
- Static Balancer
- Voltage Regulator

EARTH CONNECTIONS

- Earth Electrode
- AEW — Aerial Earth Wire to Earth Electrode
- N — Neutral to Earth Electrode
- NI — Neutral to Earth Electrode via Insulated Lead
- NS — Neutral to Sheath
- NC — Neutral to Earth Conductor
- NES — Neutral to Sheath to Earth Electrode
- NE — Neutral to Case to Earth Electrode
- T — Tank to Earth Electrode
- TI — Tank to Earth Electrode via Insulated Lead
- TN — Neutral toTank to Earth Electrode

CODE LETTERS FOR CABLES

- C — Concentric — Inner phase core / Outer concentric neutral
- C AL/Cu — Concentric — Al inner phase cores / Cu outer concentric neutral
- CAS — Corrugated Al sheath
- D — Districable
- SC — Split Concentric — Stranded Cu phase / Stranded Cu neutral
- TC — Triple Concentric — Inner phase core / Middle concentric phase core / Outer concentric neutral
- TWIN — Two phase cores Concentric neutral
- WF AL — Waveform — Solid Al phase cores / Stranded Al neutral

ABBREVIATIONS

- CG — Cable Guard
- CTV — Cable TV Kiosk
- ISU — Industrial Service Unit
- LOO — Portaloo
- MH — Man Hole
- SF — Street Furniture
- SLC — Street Light Control lamp
- SLS — Street Light Supply Point (Bulk Feed Point)

MISCELLANEOUS

- Special Customer
- Meter cabinet & ISU
- Cut Out
- Address Point
- Bird Flight Diverter
- Current End Position for GIS
- Generator
- MP — Marker Post
- R — Red Phase
- Y — Yellow Phase
- B — Blue Phase
- G — Green Phase
- W — White Phase
- Unph — Phase Unknown
- 3ph — Three Phase
- Depth Marker
- Height Above Ground Level
- Height Above Sea Level (Ordnance Datum)

GIS Mains Record Symbology

NORTHERN POWERGRID

04-11-1997

Issue 4

STEVEG



Plant Protection
National Grid
Block 1; Floor 1
Brick Kiln Street
Hinckley
LE10 0NA
E-mail: plantprotection@nationalgrid.com
Telephone: +44 (0)800 688588

National Grid Electricity Emergency Number:
0800 40 40 90*

National Gas Emergency Number:
0800 111 999*
* Available 24 hours, 7 days/week.
Calls may be recorded and monitored.

www.nationalgrid.com

Peter Leonard
EDCM Group.
3 Oxford Place (LS1 3AX)
Leeds
West Yorkshire
LS1 3AX

Date: 19/09/2016
Our Ref: EM_TE_Z1_3SWP_267989
Your Ref: 50727 Bleachcroft Way
RE: Proposed Works, S70 3PD, Bleachcroft Way, Barnsley

Thank you for your enquiry which was received on 14/09/2016.
Please note this response and any attached map(s) are valid for 28 days.

An assessment has been carried out with respect to National Grid Electricity Transmission plc's and National Grid Gas plc's apparatus. Please note it does not cover the items listed in the section "Your Responsibilities and Obligations", including gas service pipes and related apparatus.
For details of National Grid's network areas please see the National Grid website (http://www.nationalgrid.com/uk/Gas/Safety/work/) or the enclosed documentation.

As your works are at a "proposed" stage, any maps and guidance provided are for information purposes only. This is not approval to commence work. You must submit a "Scheduled Works" enquiry at the earliest opportunity and failure to do this may lead to disruption to your plans and works. National Grid will endeavour to provide an initial assessment within 14 days of receipt of a Scheduled Works enquiry and dependent on the outcome of this, further consultation may be required.

In any event, for safety and legal reasons, works must not be carried out until a Scheduled Works enquiry has been completed and final response received.

National Grid is a trading name for:
National Grid Electricity Transmission plc
Registered Office: 1-3 Strand, London WC2N 5EH
Registered in England and Wales, No 2366977

National Grid is a trading name for:
National Grid Gas plc
Registered Office: 1-3 Strand, London WC2N 5EH
Registered in England and Wales, No 2006000

Your Responsibilities and Obligations

The "Assessment" Section below outlines the detailed requirements that must be followed when planning or undertaking your scheduled activities at this location.

It is your responsibility to ensure that the information you have submitted is accurate and that all relevant documents including links are provided to all persons (either direct labour or contractors) working for you near National Grid's apparatus, e.g. as contained within the Construction (Design and Management) Regulations.

This assessment solely relates to National Grid Electricity Transmission plc (NGET) and National Grid Gas plc (NGG) apparatus. This assessment does **NOT** include:

- National Grid's legal interest (easements or wayleaves) in the land which restricts activity in proximity to National Grid's assets in private land. You must obtain details of any such restrictions from the landowner in the first instance and if in doubt contact National Grid.
- Gas service pipes and related apparatus
- Recently installed apparatus
- Apparatus owned by other organisations, e.g. other gas distribution operators, local electricity companies, other utilities, etc.

It is **YOUR** responsibility to take into account whether the items listed above may be present and if they could be affected by your proposed activities. Further "Essential Guidance" in respect of these items can be found on the National Grid Website (http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=8589934982).

This communication does not constitute any formal agreement or consent for any proposed development work; either generally or with regard to National Grid's easements or wayleaves nor any planning or building regulations applications.

NGG and NGET or their agents, servants or contractors do not accept any liability for any losses arising under or in connection with this information. This limit on liability applies to all and any claims in contract, tort (including negligence), misrepresentation (excluding fraudulent misrepresentation), breach of statutory duty or otherwise. This limit on liability does not exclude or restrict liability where prohibited by the law nor does it supersede the express terms of any related agreements.

If you require further assistance please contact the National Grid Plant Protection team via e-mail (click here) or via the contact details at the top of this response.

Yours faithfully

National Grid Plant Protection Team

ASSESSMENT

Affected Apparatus
The National Grid apparatus that has been identified as being in the vicinity of your proposed works is:

- Low or Medium pressure (below 2 bar) gas pipes and associated equipment. (As a result it is highly likely that there are gas services and associated apparatus in the vicinity)

Requirements

BEFORE carrying out any work you must:

- Carefully read these requirements including the attached guidance documents and maps showing the location of National Grid apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe National Grid's legal rights (i.e. easements or wayleaves). If the works are in the road or footpath the relevant local authority should be contacted.
- Ensure that all persons, including direct labour and contractors, working for you on or near National Grid's apparatus follow the requirements of the HSE Guidance Notes HSG47 - 'Avoiding Danger from Underground Services' and GS6 – 'Avoidance of danger from overhead electric power lines'. This guidance can be downloaded free of charge at http://www.hse.gov.uk
- In line with the above guidance, verify and establish the actual position of mains, pipes, cables, services and other apparatus on site before any activities are undertaken.

GUIDANCE

Excavating Safely - Avoiding injury when working near gas pipes:
http://www.nationalgrid.com/NR/rdonlyres/2D2EEA97-B213-459C-9A26-18361C6E0B0D/25249/Digsafe_leaflet3e2finalamends061207.pdf

Standard Guidance

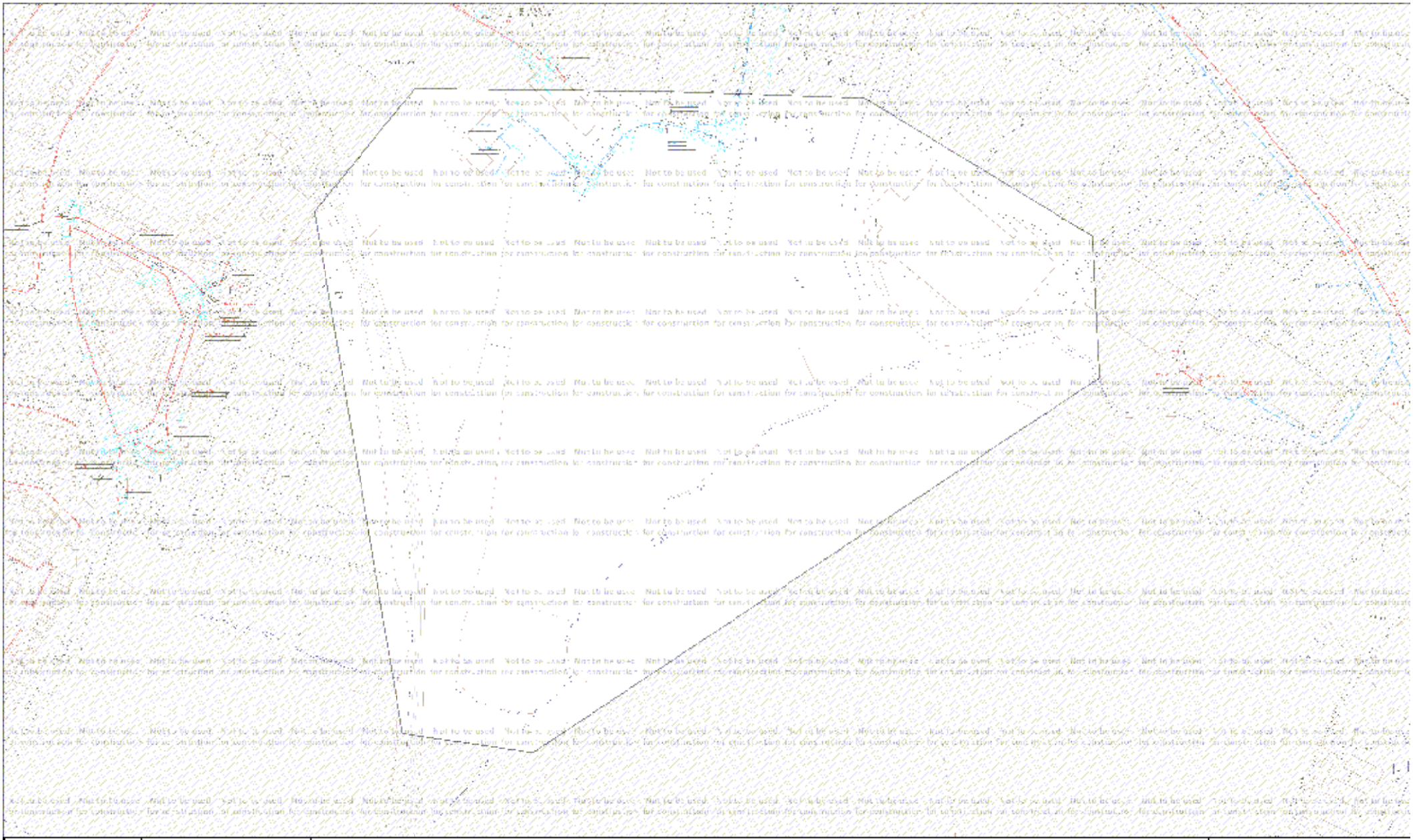
Essential Guidance document:
http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=8589934982

General Guidance document:
http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=35103

Excavating Safely in the vicinity of gas pipes guidance (Credit card):
http://www.nationalgrid.com/NR/rdonlyres/A3D37677-6641-476C-9DDA-E89949052829/44257/ExcavatingSafelyCreditCard.pdf

Excavating Safely in the vicinity of electricity cables guidance (Credit card):
http://www.nationalgrid.com/NR/rdonlyres/35DDEC6D-D754-4BA5-AF3C-D607D05A25C2/44858/ExcavatingSafelyCreditCardelectricitycables.pdf

Copies of all the Guidance Documents can also be downloaded from the National Grid Website:
http://www.nationalgrid.com/uk/Gas/Safety/work/downloads/



ID: EM_TF_71_38472_387989	Overextent: 032m, 610m	Map not to be used for construction
USER: benjamin.moore		
DATE: 19/09/2016		
DATA DATE: 18/09/2016		
NGT: 38472 Beechcroft Way		
MAP REF: SE5104		
CENTRE: 437548, 434035		

This plan shows those pipes owned by National Grid Gas plc in its role as a Licensed Gas Transporter (GT). Other 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 free of charge for information only and does not constitute any part of any contract. No liability of any kind whatsoever is accepted by National Grid, save that in the event of the information shown on this plan being inaccurate or incomplete in any respect, the liability of National Grid shall be limited to the amount of the fee paid for this plan. All gas pipes and associated apparatus are the property of National Grid Gas plc unless otherwise specified. Ownership of electricity cables may be different. Please refer to the information provided by the landowner or occupier before carrying out any excavation work. Safe digging practices, in accordance with HSG47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any excavation is commenced. Damage to gas pipelines and associated installations can be dangerous, causing death, injury and severe disruption to gas supplies and the environment. Any damage must be reported immediately to the National Grid Gas plc emergency number 0800 111 999. Plans are valid for 28 days from the date of issue.

Map 1 of 1 (GAS)

MAPS Plot Server Version 19.0

nationalgrid

Produced by EDOZ Group

This plan is produced from the OS map by permission of Ordnance Survey on behalf of the controller of H.M. Stationery Office. © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence number 100034696