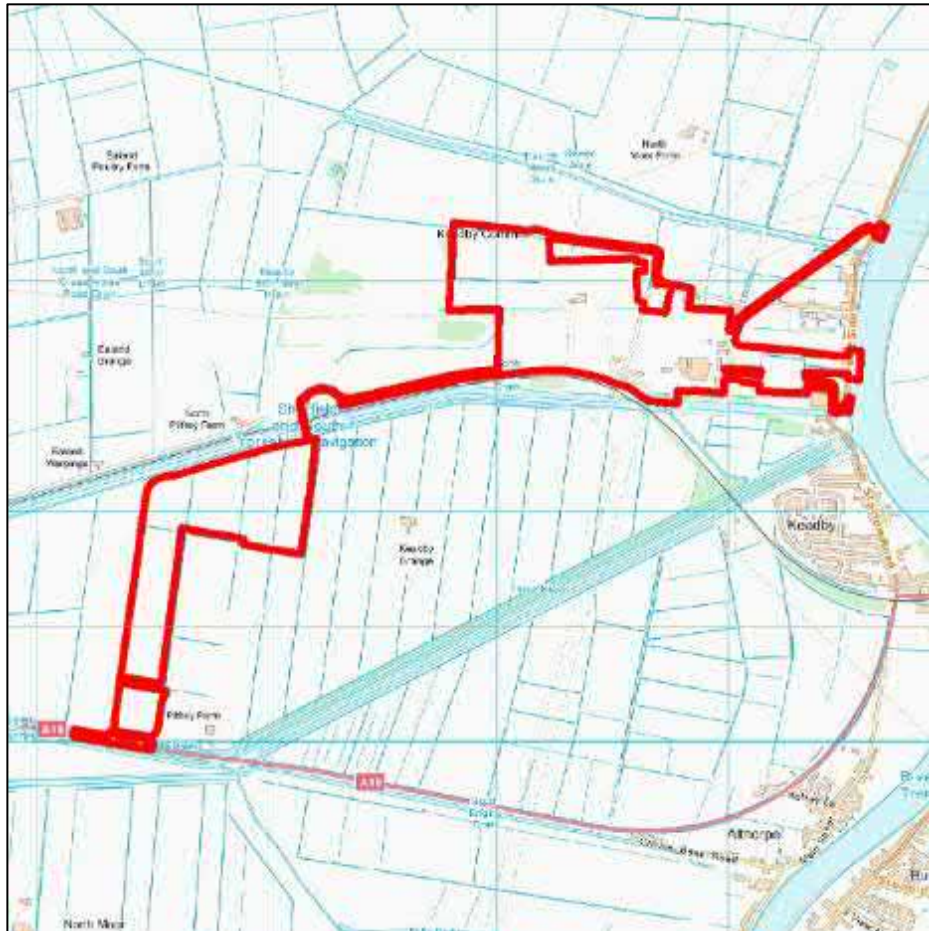


ANNEX C PRELIMINARY UXO THREAT ASSESSMENT

PRELIMINARY UNEXPLODED ORDNANCE (UXO) THREAT ASSESSMENT

Meeting the requirements of *CIRIA C681 'Unexploded Ordnance (UXO) – A guide for the Construction Industry'* Risk Management Framework



PROJECT NUMBER	8472	ORIGINATOR	D. Barrett
VERSION NUMBER	1.0	REVIEWED BY	L. Gregory (15 th October 2020)
CLIENT	AECOM	RELEASED BY	R. Griffiths (15 th October 2020)
STUDY SITE	Keadby 3 Low-Carbon Gas Power Station Project		
RECOMMENDATION	No further action is required to address the UXO risk at this Study Site		



STUDY SITE

The Study Site is described as “Keadby 3 Low-Carbon Gas Power Station Project”, and it is centred on National Grid Reference 481834, 411442.

THREAT POTENTIAL AND RECOMMENDATIONS

The potential for a UXO hazard to occur, and more specifically, the potential for unexploded WWI and WWII ordnance to exist at this site is assessed as being **UNLIKELY** (*Figure 2*).

In accordance with *CIRIA C681* Chapter 5 on managing UXO risks, *6 Alpha* concludes that **NO FURTHER ACTION** is required to address the UXO risk at this Study Site. Should you have any queries, please contact *6 Alpha*.



REPORT SUMMARY

During WWII, the Study Site was situated within *Isle of Axholme Rural District* and *Glanford Brigg Rural District*, which recorded less than one and one High Explosive (HE) bomb strikes per 100 hectares respectively; both very low levels of bombing.

Luftwaffe aerial reconnaissance photography associated with the Study Site did not identify primary bombing targets on-site, or within 1,000m of the Study Site boundary.

Neither *Air Raid Precaution* (ARP) records nor official bomb damage mapping was available. In addition, further research of historical records and an analysis of post-war mapping did not identify any bomb strikes or bomb damage on-site, or within 1,000m of the Study Site boundary. In addition, whilst WWII-era *RAF* aerial photography might show possible evidence of a ground disturbance within the Study Site (and this is considered doubtful), as there is no anecdotal or recorded site-specific evidence of WWII bombing within 1km of the Study Site, it is considered highly unlikely that any potential ground disturbance is indicative of an HE or UXB bomb strike within the Study Site itself.

Further research did identify evidence that a Prisoner of War (PoW) camp was previously located approximately 640m south-south-east of the Study Site. However, there is no evidence that such activities would have generated a UXO threat at the Study Site.

Therefore, as there was no bombing or bomb damage recorded in the Study Site’s vicinity during WWII, there is no evidence to suggest that further investigation into UXO is warranted.

USING THIS REPORT

This Preliminary Assessment is designed to inform environmental and construction professionals of the potential threat of military related explosives and/or ordnance on, or in, the vicinity of the Study Site.

This assessment is designed to be employed as a site-screening tool to meet with the requirement of Phase One of the *CIRIA UXO Risk Management Framework*; there are two broad prospective outcomes; either the threat level requires a detailed threat & risk assessment; or no further action is required. In the former instance we can provide a report within 10 working days (or more quickly upon application).

Two figures accompany the report, the *Second World War* (WWII) High Explosive (HE) Bomb Density and the final Probability of UXO Encounter. The purpose of this approach is to demonstrate that whilst bomb density statistics give an indication for WWII bombing, they should not be relied upon exclusively to generate a holistic assessment.












For further information, please contact *6 Alpha*:

Website: <http://www.6alpha.com>

Telephone: +44 (0)2033 713 900

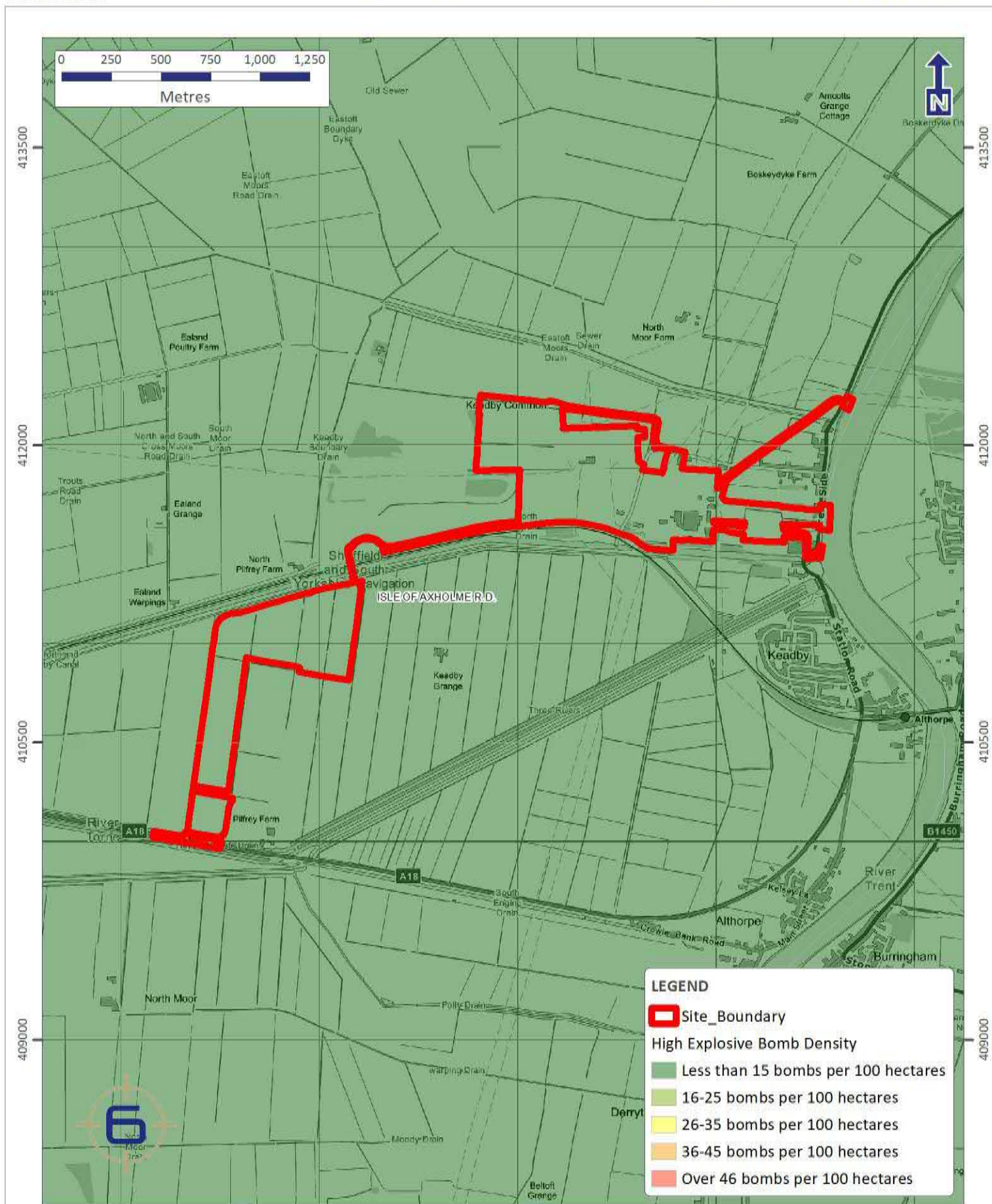
Email: enquiry@6alpha.com

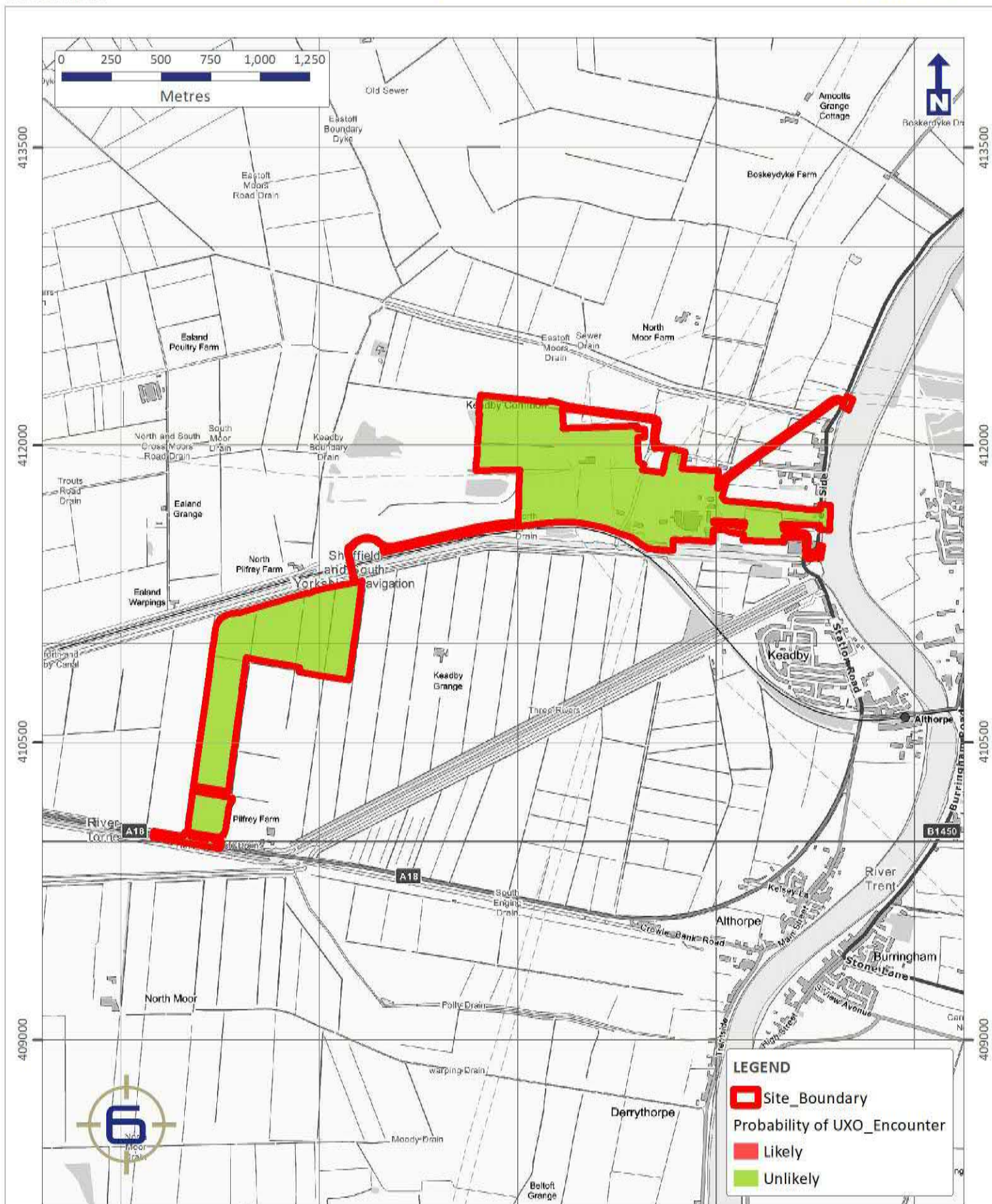
DATA FINDINGS

Threat Source (within 1,000m)	Detail	
	Identified	Comments
 Airfields/Military Facilities	✓	A PoW Camp was identified approximately 640m south-south-east of the Study Site.
 Ordnance Manufacture/Storage	✗	None recorded within 1,000m.
 WWII Decoy Bombing Sites	✗	None recorded within 1,000m.
 WWII Defensive Features	✗	None recorded within 1,000m.
 WWII <i>Luftwaffe</i> Designated Bombing Targets	✗	<i>Luftwaffe</i> aerial photography did not identify any primary bombing targets on-site, or within 1,000m of the Study Site boundary.
 WWII Bomb Strikes Within Study Site Boundary	✗	ARP records were not available.
 WWII Bomb Strikes Near Study Site Boundary	✗	ARP records were not available.
 WWII Bomb Damage	✗	Official bomb damage mapping was not available.
 Abandoned Bomb Register	✗	The official abandoned bomb list did not identify any abandoned bombs on-site or within 1,000m of the Study Site boundary.
 Potential Threat Sources	✗	Further research has not uncovered any potential UXO threat sources associated with the Study Site.
 WWII Bombing Density Per 100 Hectares	✓	<i>Isle of Axholme Rural District</i> and <i>Glanford Brigg Rural District</i> , which recorded less than one and one HE bomb strikes per 100 hectares.

IMPORTANT NOTES

1. The term 'Preliminary UXO Threat Assessment' has been used to describe this report, to fall in line with the *CIRIA* C681 guidelines. Whilst the term 'Risk' can be justifiably used at this stage, the reader should note that the 'Consequence' function of 'Risk' is not considered. Should it be required, this would be addressed in the 'Detailed UXO Threat & Risk Assessment' (Stages 2 and 3).
2. This report is accurate and up to date at the time of writing.
3. The assessment levels have been generated from historical data and third party sources. Where possible *6 Alpha* have sought to verify the accuracy of such data, but cannot be held accountable for inherent errors that may be in third party data sets (e.g. *National Archives* or library sources).
4. *6 Alpha* have exercised all reasonable care, skill and due diligence in producing this service.
5. Whilst every effort has been used to identify all potential UXO/explosive threats, there were a number of private facilities, which may not have released privately recorded information concerning UXO/explosive threats into the public domain. It is therefore possible that some of the aforementioned sites may not be included within the database.





ANNEX D UTILITY PLANS



Groundsure Premier Utilities

Keady Power Station West

LOCATION INTELLIGENCE

To access Groundsure's market leading environmental solutions,
please call **08444 159 000** or email **info@groundsure.com**

WWW.GROUNDSURE.COM



Keady Power Station West

Bonnyhale Road
Keadby
North Lincolnshire
DN17 3ER

26/10/2020

PROJECT NO.

607277

ISSUE NO.

2

STATUS

For Information

Introduction

This report assesses the potential constraints presented by the existing utility infrastructure both within the boundary and in the vicinity of the search area.

The report is based on the information provided by the client about the location of the search area and the information provided by the utilities about their existing plant and networks. The information contained in this report is based on desk research only.

What is a utility constraint?

We use the term constraint to indicate that there may be limitations or prohibitions on designs and planned works due to the presence of utility apparatus. To overcome these can be costly and time-consuming. Depending on the legal rights and statutory powers of the utility the costs may have to be borne by the applicant/developer.

Report interpretation

We have developed a simple traffic light mechanism to present site constraints based on a red/amber/green evaluation;



Red – site constraints exist due to the presence of utility apparatus.



Amber – site constraints may exist due to the proximity of utility apparatus.



Green – site constraints do not appear to exist.

This report confirms to QL-D of PAS 128:2014 - Specification for Underground Utility Detection, Verification and Location. To obtain further detail on utility locations consider site reconnaissance (QL-C), detection (QL-B) and verification (QL-A) as recommended under 'Important Information'.

Prepared by

Signed off by

J.Gd

[Signature]

Joe Goodchild

Martin Darlison



Cert No 6206
ISO 9001



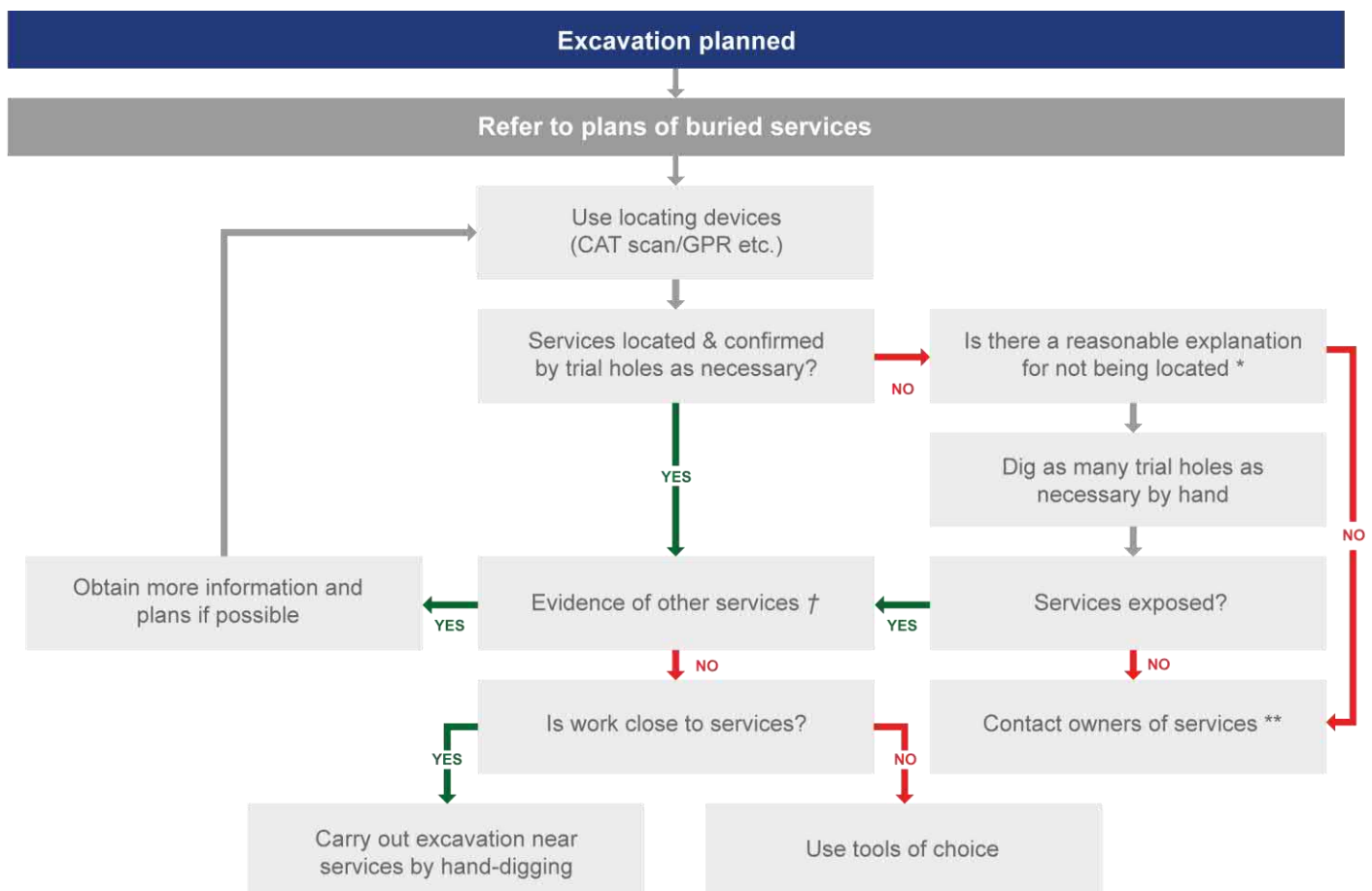
Premier Energy Services Ltd has taken all reasonable steps, within the timescales, to obtain the most robust information in this report but accepts no liability for the accuracy of such information or report and in addition to any limitation of liability under its Standard Terms and Conditions. These services are provided subject to our standard Scope of Services, the Supplementary Terms and our Standard Terms and Conditions.

This report is for the private and confidential use of the client for whom the report is undertaken and should not be reproduced in whole or in part or relied upon by third parties for any use whatsoever without the express authority of Premier Energy Services Ltd.

Important Information

This flow diagram is intended to help give an understanding of the process from referring to plans on-site through to the start of excavation, for example when excavating in a road or footway. However it:

- Describes only part of the process; it does not, for example, describe planning the work, including reference to plans at the design stage;
- Is a simplified picture and not a substitute for reading the text;
- Is not a substitute for a suitable and sufficient risk assessment;
- Does not take account of a number of other situations, e.g. cable embedded in concrete or those situations where resiting services is proposed.



* For example, could services be non-metallic pipes? Please refer to HS (G) 47 text for further information.

† In particular; visual evidence. Ensure that the presence of services, which may be unmarked on plans or for which no plans are available, has been considered, for example service connections.

** If there is visual evidence of services, but owners cannot be traced, despite all reasonable attempts to do so, any excavation could proceed but using hand-dug trial holes and proceeding with great care.

Important Information

Relevant Documents

The following documents must be referred to before work commences in the vicinity of existing services:

- Health and Safety Booklet HS (GS) 6 Avoidance of Danger from Overhead Electric Lines.
- General Safety Measures to Avoid Injury and Damage to Gas Apparatus.
- HSE Guidance Note HS (G) 47 Avoiding Danger from Underground Services.
- National Joint Utilities Group (NJUG) Publications Vol. 1.
- CDM Regulations 2015.
- PAS 128:2014 Specification for Underground Utility Detection, Verification and Location.

Basic Risk Assumption for all Services

When dealing with existing services the following assumptions must always be accepted:

- All existing buildings have gas, water electric and telecoms supplies to them until proven otherwise.
- Any supply to an existing building, no matter how old the building is or how deteriorated the supply may appear, is taken to be 'live' until proven otherwise.
- All open land, vacant lots and derelict sites are deemed to have services beneath them until proven otherwise.
- The only acceptable proof that a service is 'dead' and can be removed is written confirmation from the owner of the service.
- *The quality and accuracy of information provided by utilities about their existing plant is indicative and no warranty is made as to its accuracy. Therefore, any utility asset maps and/or marked up drawings provided by each utility must only be used as a guide and the actual location of plant should be verified by EML/GPR survey or trial holes before construction works commence.*

Please note not all service connections are shown on the utility asset maps.

Plant Found Within Site Boundaries



















Where utility plant is found within the site boundary, it is recommended for the client to check for legal easements or wayleaves.













Diversions of plant within site boundaries can be expensive and time consuming to relocate. Further investigation of costs and timescales are recommended. Please ask PES for further details.

Desk Research

With several utility suppliers, PES use their own databases to check if assets are likely to be in the vicinity. These utilities are shown with a tick under the Desk Research column in the Enclosures list. Our utility contact schedule can be provided on request. It must be noted that certain utility companies do not respond if their plant is unaffected and we issue these with a green (unaffected) traffic light unless otherwise informed.

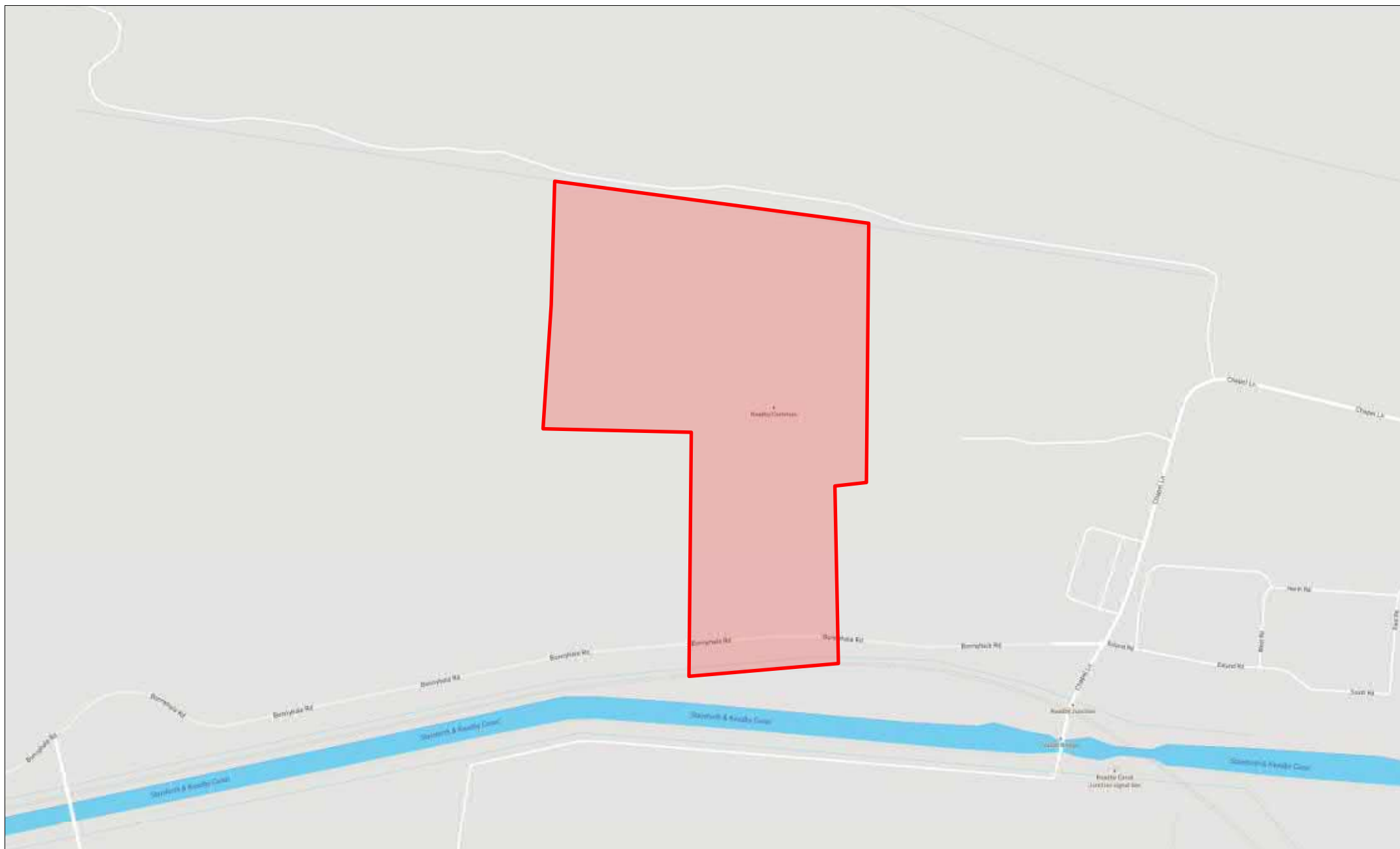
Enclosures

Type	Company	In Vicinity	Desk Research	Awaiting Response
Electricity	Northern Power Grid			
Water	Yorkshire Water			
Drainage	Severn Trent Water			
Gas	Cadent			
Openreach	Openreach			
Virgin Media	Virgin Media			
Independents	GTC			
	Energetics			
Linesearch (LSBUD)	National Grid Gas			
	GTT (inc Vtesse & Interoute)			
Comms.	Vodafone			
	Colt			
	KPN			
	SKY Telecommunications			
	Instalcom			
	Verizon			
	SOTA		✓	
	KCOM		✓	

Type	Company	In Vicinity	Desk Research	Awaiting Response
	TeliaSonera (Telent)		✓	
	euNetworks		✓	
	CityFibre		✓	
	Mast Data			
Tunnels & Pipelines	Onshore Cables		✓	
	ENGIE		✓	
	ElecLink Interconnector		✓	
Transport	Network Rail			
	HS 2 (High Speed Rail)		✓	
	Genesys		✓	
	Trafficmaster		✓	
	Lincolnshire County Council			

Acronyms Key

Apparatus			
Electric			
DNO	Distribution Network Operator	kVA	Kilo Volt Amperes
IDNO	Independent Distribution Network Operator	MVA	Mega Volt Amperes
ICP	Independent Connections Provider	AC	Alternating Current
LV	Low Voltage	S/S	Substation
HV	High Voltage	PMT	Pole Mounted Transformer
EHV	Extra High Voltage		
Water			
SLO	Self Lay Organisation	WRAS	Water Regulation Advisory Scheme
Incumbent	Local Water or Water & Sewerage Company		
Gas			
GDN	Gas Distribution Network	LP	Low Pressure
IGT	Independent Gas Transporter	MP	Medium Pressure
UIP	Utility Infrastructure Provider	IP	Intermediate Pressure
PRS	Pressure Reducing Station (Governor)	HP	High Pressure
Others			
PES	Premier Energy Services	CATV	Cable Television
PE	Polyethylene	FTTP	Fibre to the premise
DI	Ductile Iron	FTTC	Fibre to the cabinet
ST	Steel	l/min	Litres per minute
CI	Cast Iron	H&S	Health & Safety
SI	Spun Iron	HBF	House Builders Federation
HPPE	High Performance Polyethylene	TPO	Tree Preservation Order
MDPE	Medium Density Polyethylene	TBC	To be confirmed
GRP	Glass Reinforced Plastic	N/A	Not Applicable







Date: 09/10/2020

Joe Goodchild
Premier House
Daux Road
Billingshurst
RH14 9SJ

Tel: 0191 229 4294
Northern Powergrid Records Information Centre
New York Road
Shiremoor
Newcastle Upon Tyne
NE27 0LP

Dear Joe Goodchild

Enquiry No: SD343583
Scheme Reference: 607277 - Keady Power Station West

Thank you for using Northern Powergrid's online Safedig service for your planned works.

Your plan has been generated using our most up to date information. Due to the nature of the information we hold and how often works on the network are carried out, we can only guarantee this plan at the time of generation. We will do our best to notify you if we update the information in your indicated area, but you should endeavour to obtain an up to date plan whenever you commence your works.

The map that has been provided to you will show all the relevant Northern Powergrid electricity cables that are in your indicated dig site, we have included some of the surrounding area as well in case your dig extends further than you previously thought. At any point you may re-apply for your plan to increase the indicated area using the previously submitted details. This plan will be valid for 30 days from the point at which it became available to you.

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 if 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 powerlines. 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 organization 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 overheadlines. All our apparatus is legally covered by a wayleaves agreement, lease or deed or alternatively protected under



Assume all Northern Powergrid assets are live, unless proved otherwise

Please establish the on-site position of Northern Powergrid assets prior to the commencement of site works

For specialist assistance or enquiries, please use one of the following options:

General enquiries- 0800 011 3332

- Option 1 -Electricity emergency or power cut
- Option 2- Electricity bill enquiries
- Option 3- New connection, disconnection, meter enquiry, increased load, service alteration
- Option 4- Request for Safedig Plans
- Option 5- Other general enquiries; including request for site visit, safe working heights

Public safety emergency line -(0800 151 3255)

- Reports of exposed underground cables, grounded overhead conductors etc.

Network connections or diversions - 0800 011 3433

- Maximum load enquiries, connection quotation

Wayleave enquiries- Northeast (0191 229 4604) or Yorkshire (01977 605 104)

- Queries relating to ownership of assets, wayleave agreements

If site works are to be performed more than 3 months after you have received safe dig plans from Northern Powergrid, it is advisable that you request a more up to date copy.

Call Centre Phone Numbers: If the area is located in: North East call 0800 668877, Yorkshire or North Lincs call 0800 375675.

Northern Powergrid Holdings Company

The position of our equipment is shown on the plan as accurately as possible, it may have changed since the plan was produced. Therefore the position of our equipment and those services which may not be shown should be established on site. Electricity cables not owned by Northern Powergrid Holdings Company may be laid in this area and may not be shown on this plan. Where private cables are shown, the information should not be regarded as accurate and should be used for guidance purposes only. In all cases, accurate information should be obtained from the owner of such cables prior to the commencement of work on site.

Reference should be made to HSE Guidance, HS(G)47 'Avoiding Danger from Underground Services' and GS6 'Avoidance of Danger from Overhead Power Lines'.

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Legend:

Underground Cables:

132kV	20kV	LV Mains
66kV	11kV	LV Service
33kV	6kV	LV Service Assumed Route
25kV	3kV	LV Service Logical Connection
Left In Situ	Aux	

Overhead Conductors:

132kV	20kV	LV Mains
66kV	11kV	LV Service
33kV	6kV	Aux
25kV	3kV	

Date Printed:

Scale: 1:

Wind Farm

Ring Drain

Sewer

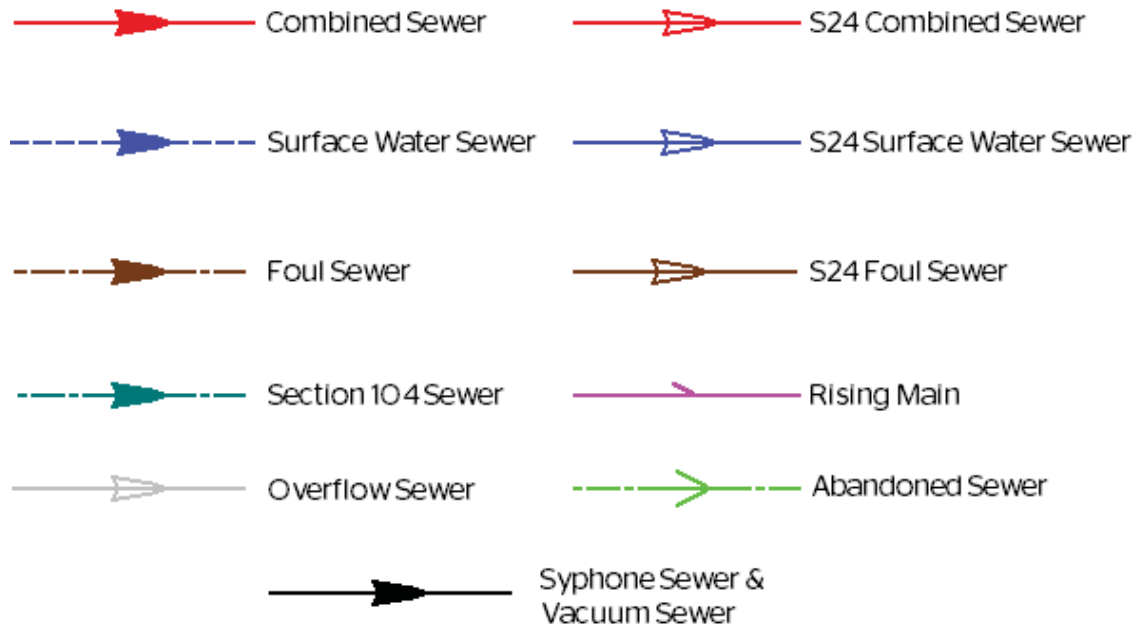
Keadby Common

Keadby Junction

Property Identifier



Sewer Legend

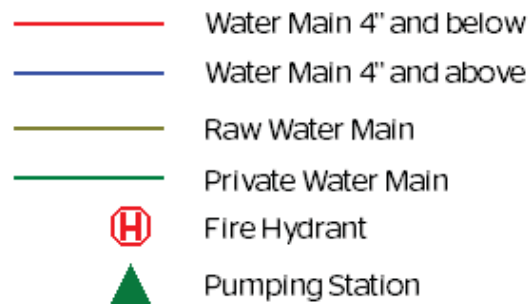


Pumping Station



Public Sewer Treatment Works

Water Legend



YORKSHIRE WATER PROTECTION OF MAINS AND SERVICES

1. The position of Yorkshire Water Services Ltd (YWS) apparatus shown on the existing mains record drawing(s) indicates the **general** position and nature of our apparatus and the accuracy of this information cannot be guaranteed. Any damage to YWS apparatus as a result of your works may have serious consequences and you will be held responsible for all costs incurred. Prior to commencing major works, the exact location of apparatus must be determined on site, if necessary by excavating trial holes. The actual position of such apparatus and that of service pipes which have not been indicated must be established on site by contacting the Customer Helpline on 0845 124 24 24 for both water and sewerage.
2. The public sewer and water network is lawfully retained in its existing position and the sewerage and water undertaker is entitled to have it remain so without any disturbance. The provisions of section 159 of the Water Industry Act 1991 provides that the undertaker may "inspect, maintain, adjust, repair or alter" the network. Those rights are given to enable the undertaker to perform its statutory duties. Any development of the land or any other action that unacceptably hindered the exercise of those rights would be unlawful. The provisions contained in Section 185 of the Water Industry Act 1991 state that where it is reasonable to do so, a person may require the water supply undertaker to alter or remove a pipe where it is necessary to enable that person to carry out a proposed change of use of the land. The provisions contained in Section 185 also require the person making the request to pay the full cost of carrying out the necessary works.
3. Ground levels over existing YWS apparatus are to be maintained. Sewers in highways will **generally** be laid to give 1200mm of cover from finished ground level working to kerb races, other permanent identification of the limits of the road or to an agreed line and level. Substantial increases or decreases to this 1200mm depth of cover will result in the sewer being re-laid at your expense. Water mains and services will **generally** be laid with a minimum of 750mm depth of cover however some mains and services usually those installed over 50 years ago may have less ground cover.
4. If surface levels are to be decreased / increased significantly the effects on existing water supply apparatus will be carefully considered and if any alterations are necessary, the costs of the alterations will be recharged to you in full. Outlets on fire hydrants must be no more than 300mm below the new levels and all surface boxes must be adjusted as part of the scheme.
5. To enable future repair works to be carried out without hindrance; any pipe, cable, duct, etc. installed parallel to a water main or service pipe should not be installed directly over or within 300mm of a water main or service pipe or 1000mm of a waste water asset. Where a pipe, cable, duct, etc. crosses a main or service it should preferably cross perpendicular or at an angle of no less than 45° and with a minimum clearance of 150mm. These requirements apply to activities within an existing highway and are relevant to the installation of pipes, cables, ducts, etc. up to and including 250mm in diameter (*see illustration below*). Necessary protection measures for installations greater than 250mm in diameter and/or in private land will need to be agreed on an individual basis. Installations within a new development site must comply with the National Joint Utilities Group publication Volume 2: NJUG Guidelines On The Positioning Of Underground Utilities Apparatus For New Development Sites.
6. All excavation works near to YW apparatus should be by hand digging only.
7. Backfilling with a suitable material to a minimum 300mm above YW apparatus is required.
8. Adequate support must be provided where any works pass under YW apparatus.
9. Jointing chambers, lighting columns and other structures must be installed in such a way that future repair or maintenance works to YW apparatus will not be hindered.
10. Apparatus such as; railings, sign posts, etc. must not be placed in such a way that they prevent access to or full operation of controlling valves, hydrants or similar apparatus. YWS surface boxes must not be covered or buried. Any adjustment, alteration or replacement of manhole covers must be agreed on site prior to the commencement of the works with a YWS Inspector who may be contacted via our Call Centre on 0845 124 24 24.
11. Explosives shall not be used within 100 metres of any Yorkshire Water Services apparatus or installations.
12. Vibrating plant should not be used directly over any apparatus. Movement or operation by vehicles or heavy plant is not to be permitted in the immediate vicinity of YWS plant or apparatus unless there has been prior consultation and, if necessary, adequate protection provided without cost to YWS.
13. **Under no circumstances** should thrust boring or similar trenchless techniques commence until the actual position of the Company's mains/services along the proposed route have been confirmed by trial holes.
14. Any alterations to the highway should be notified following the procedures outlined in the New Road and Street Works Act 1991 Code of Practice; Measures Necessary Where Apparatus Is Affected By Major Works (Diversiary Works).
15. You will be held responsible for any damage or loss to YWS apparatus during and after completion of work, caused by yourselves, your servant or agent. Any damage caused or observed to YWS plant or apparatus should be immediately reported to YWS. Should YW incur any costs as a result of non-compliance with the above, all costs will be rechargeable in full.
16. You should ensure that nothing is done on the site to prejudice the safety or operation of YWS employees, plant or apparatus.
17. In accordance with the New Roads and Street Works Act 1991, Chapter 22, Part 3, Section 80. The location of any identified YW asset "which is not marked, or is wrongly marked, on the records made available" should be communicated back to Yorkshire Water. The location of the apparatus should be identified on copies of the supplied plans which should be returned to Yorkshire Water (Asset Records Team) with photographic supporting evidence where possible.
18. The Government has decided that responsibility for private sewers serving two or more properties and lateral drains (the section of pipe beyond the boundary of a single property, connecting it to the public sewer) will be transferred to the water companies on Oct 1 2011.

Private pumping stations will also transfer during the period 1 October 2011 – 1 Oct 2016. Records of these assets may not yet be shown on the existing mains record drawing(s). If you encounter any of these assets you must inform Yorkshire Water Services Ltd (YWS).

19. Please note that the information supplied on the enclosed plans is reproduced from Ordnance Survey material with the permission of the Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office, © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Licence Number 1000019559.
20. This information is for guidance only and the position and depth of any YW apparatus is approximate only. Likewise, the nature and condition of any YW apparatus cannot be guaranteed. YW has no responsibility for recording the locations of privately owned apparatus. As of 1 October 2011, there may be some lateral drains and/or public sewers which are not documented on YW records but may still be present. For the avoidance of doubt, this information is not a substitute for appropriate professional and/or legal advice. YW accepts no responsibility for any inaccuracy or omissions in this information. The actual position of YW apparatus must be determined on site by excavating trial holes by hand. YW requires a minimum of two working days' written notice of the intention to excavate any trial holes before any excavation can be undertaken. If there are any queries in this respect please contact Yorkshire Water on 0845 124 24 24.



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Data updated: 14/09/20

Scale: 1:1250
Map Centre: 481994.411908

Date: 09/10/20
Our Ref: 446631 - 1

Wastewater Plan A1
Powered by digov

Public Foul Gravity/Lateral Drain	Highway Drain	Manhole Foul	●
Public Combined Gravity/Lateral Drain	Overflow Pipe	Manhole Surface	○
Public Surface Water Gravity/Lateral Drain	Disposal Pipe	Abandoned Pipe	—
Pressure Foul	Culverted Water Course	Section 106 sewers are shown in green	
Pressure Combined	Pumping Station	Private sewers are shown in magenta	
Pressure Surface Water	Filling		

Do not scale off this Map. This plan and any information supplied with it is furnished as a general guide, is only valid at the date of issue and no warranty as to its correctness is given or implied. In particular this plan and any information shown on it must not be relied upon in the event of any development or works (including but not limited to excavations) in the vicinity of SEVERN TRENT WATER assets or for the purposes of determining the suitability of a point of connection to the sewerage or distribution systems. On 1 October 2011, most private sewers and private lateral drains in Severn Trent Water's sewerage area, which were connected to a public sewer as at 1 July 2011, transferred to the ownership of Severn Trent Water and became public sewers and public lateral drains. A further transfer takes place on 1 October 2012. Private pumping stations, which form part of these sewers or lateral drains, will transfer to ownership of Severn Trent Water on or before 1 October 2016. Severn Trent Water does not possess complete records of these assets. These assets may not be displayed on the map. Reproduction by permission of Ordnance Survey on behalf of HMSO. © Crown Copyright and database rights 2004. All rights reserved. Ordnance Survey licence number: 100031673. Document users other than SEVERN TRENT WATER business users are advised that this document is provided for reference purpose only and is subject to copyright, therefore, no further copies should be made from it.

GENERAL CONDITIONS AND PRECAUTIONS TO BE TAKEN WHEN CARRYING OUT WORK ADJACENT TO SEVERN TRENT WATER'S APPARATUS

Please ensure that a copy of these conditions is passed to your representative and/or your contractor on site. If any damage is caused to Severn Trent Water Limited (STW) apparatus (defined below), the person, contractor or subcontractor responsible must inform STW immediately on: **0800 783 4444 (24 hours)**

- a) These general conditions and precautions apply to the public sewerage, water distribution and cables in ducts including (but not limited to) sewers which are the subject of an Agreement under Section 104 of the Water Industry Act 1991(a legal agreement between a developer and STW, where a developer agrees to build sewers to an agreed standard, which STW will then adopt); mains installed in accordance with an agreement for the self-construction of water mains entered into with STW and the assets described at condition b) of these general conditions and precautions. Such apparatus is referred to as "STW Apparatus" in these general conditions and precautions.
- b) Please be aware that due to The Private Sewers Transfer Regulations June 2011, the number of public sewers has increased, but many of these are not shown on the public sewer record. However, some idea of their positions may be obtained from the position of inspection covers and their existence must be anticipated.
- c) On request, STW will issue a copy of the plan showing the approximate locations of STW Apparatus although in certain instances a charge will be made. The position of private drains, private sewers and water service pipes to properties are not normally shown but their presence must be anticipated. This plan and the information supplied with it is furnished as a general guide only and STW does not guarantee its accuracy.
- d) STW does not update these plans on a regular basis. Therefore the position and depth of STW Apparatus may change and this plan is issued subject to any such change. Before any works are carried out, you should confirm whether any changes to the plan have been made since it was issued.
- e) The plan must not be relied upon in the event of excavations or other works in the vicinity of STW Apparatus. It is your responsibility to ascertain the precise location of any STW Apparatus prior to undertaking any development or other works (including but not limited to excavations).
- f) No person or company shall be relieved from liability for loss and and/or damage caused to STW Apparatus by reason of the actual position and/or depths of STW Apparatus being different from those shown on the plan.

In order to achieve safe working conditions adjacent to any STW Apparatus the following should be observed:

- 1. All STW Apparatus should be located by hand digging prior to the use of mechanical excavators.
- 2. All information set out in any plans received from us, or given by our staff at the site of the works, about the position and depth of the mains, is approximate. Every possible precaution should be taken to avoid damage to STW Apparatus. You or your contractor must ensure the safety of STW Apparatus and will be responsible for the cost of repairing any loss and/or damage caused (including without limitation replacement parts).
- 3. Water mains are normally laid at a depth of 900mm. No records are kept of customer service pipes which are normally laid at a depth of 750mm; but some idea of their positions may be obtained from the position of stop tap covers and their existence must be anticipated.
- 4. During construction work, where heavy plant will cross the line of STW Apparatus, specific crossing points must be agreed with STW and suitably reinforced where required. These crossing points should be clearly marked and crossing of the line of STW Apparatus at other locations must be prevented.
- 5. Where it is proposed to carry out piling or boring within 20 metres of any STW Apparatus, STW should be consulted to enable any affected STW Apparatus to be surveyed prior to the works commencing.
- 6. Where excavation of trenches adjacent to any STW Apparatus affects its support, the STW Apparatus must be supported to the satisfaction of STW. Water mains and some sewers are pressurised and can fail if excavation removes support to thrust blocks to bends and other fittings.
- 7. Where a trench is excavated crossing or parallel to the line of any STW Apparatus, the backfill should be adequately compacted to prevent any settlement which could subsequently cause damage to the STW Apparatus. In special cases, it may be necessary to provide permanent support to STW Apparatus which has been exposed over a length of the excavation before backfilling and reinstatement is carried out. There should be no concrete backfill in contact with the STW Apparatus.
- 8. No other apparatus should be laid along the line of STW Apparatus irrespective of clearance. Above ground apparatus must not be located within a minimum of 3 metres either side of the centre line of STW Apparatus for smaller sized pipes and 6 metres either side for larger sized pipes without prior approval. No manhole or chamber shall be built over or around any STW Apparatus.
- 9. A minimum radial clearance of 300 millimetres should be allowed between any plant or equipment being installed and existing STW Apparatus. We reserve the right to increase this distance where strategic assets are affected.
- 10. Where any STW Apparatus coated with a special wrapping is damaged, even to a minor extent, STW must be notified and the trench left open until the damage has been inspected and the necessary repairs have been carried out. In the case of any material damage to any STW Apparatus causing leakage, weakening of the mechanical strength of the pipe or corrosion-protection damage, the necessary remedial work will be recharged to you.
- 11. It may be necessary to adjust the finished level of any surface boxes which may fall within your proposed construction. Please ensure that these are not damaged, buried or otherwise rendered inaccessible as a result of the works and that all stop taps, valves, hydrants, etc. remain accessible and operable. Minor reduction in existing levels may result in conflict with STW Apparatus such as valve spindles or tops of hydrants housed under the surface boxes. Checks should be made during site investigations to ascertain the level of such STW Apparatus in order to determine any necessary alterations in advance of the works.
- 12. With regard to any proposed resurfacing works, you are required to contact STW on the number given above to arrange a site inspection to establish the condition of any STW Apparatus in the nature of surface boxes or manhole covers and frames affected by the works. STW will then advise on any measures to be taken, in the event of this a proportionate charge will be made.
- 13. You are advised that STW will not agree to either the erection of posts, directly over or within 1.0 metre of valves and hydrants,
- 14. No explosives are to be used in the vicinity of any STW Apparatus without prior consultation with STW.

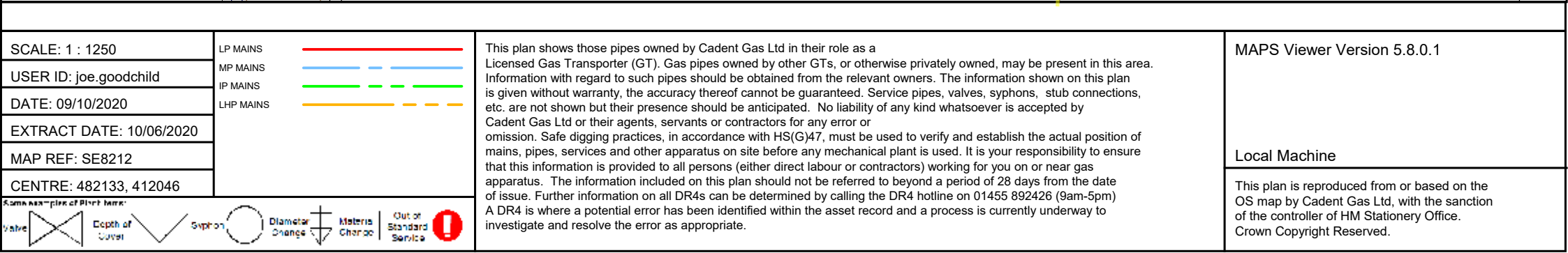
TREE PLANTING RESTRICTIONS

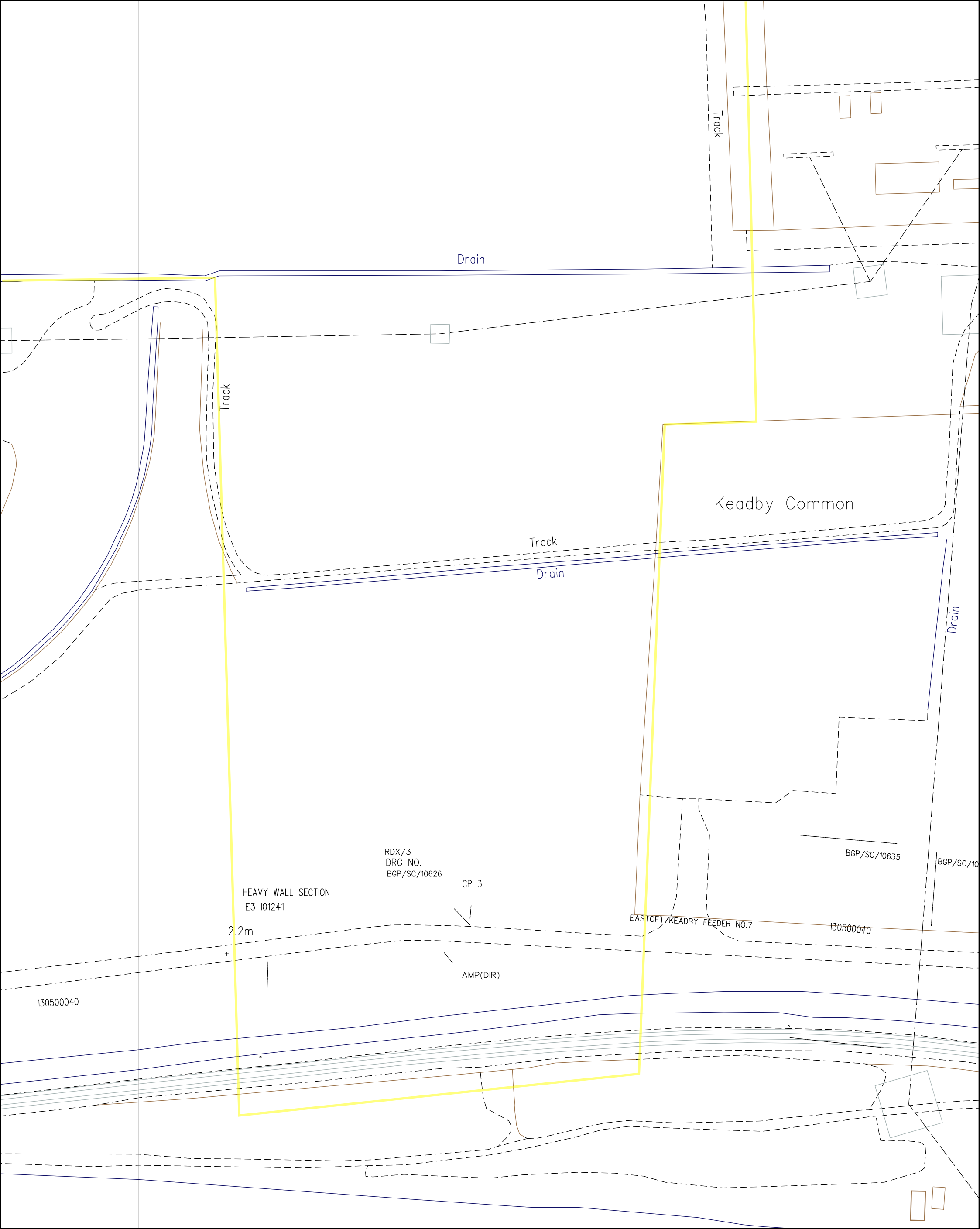
There are many problems with the location of trees adjacent to sewers, water mains and other STW Apparatus and these can lead to the loss of trees and hence amenity to the area which many people may have become used to. It is best if the problem is not created in the first place. Set out below are the recommendations for tree planting in close proximity to public sewers, water mains and other STW Apparatus.

- 15. Please ensure that, in relation to STW Apparatus, the mature root systems and canopies of any tree planted do not and will not encroach within the recommended distances specified in the notes below.
- 16. Both Poplar and Willow trees have extensive root systems and should not be planted within 12 metres of a sewer, water main or other STW Apparatus.
- 17. The following trees and those of similar size, be they deciduous or evergreen, should not be planted within 6 metres of a sewer, water main or other STW Apparatus. E.g. Ash, Beech, Birch, most Conifers, Elm, Horse Chestnut, Lime, Oak, Sycamore, Apple and Pear. Asset Protection Statements Updated May 2014
- 18. STW personnel require a clear path to conduct surveys etc. No shrubs or bushes should be planted within 2 metre of the centre line of a sewer, water main or other STW Apparatus.
- 19. In certain circumstances, both STW and landowners may wish to plant shrubs/bushes in close proximity to a sewer, water main of other STW Apparatus for screening purposes. The following are shallow rooting and are suitable for this purpose: Blackthorn, Broom, Cotoneaster, Elder, Hazel, Laurel, Privet, Quickthorn, Snowberry, and most ornamental flowering shrubs.



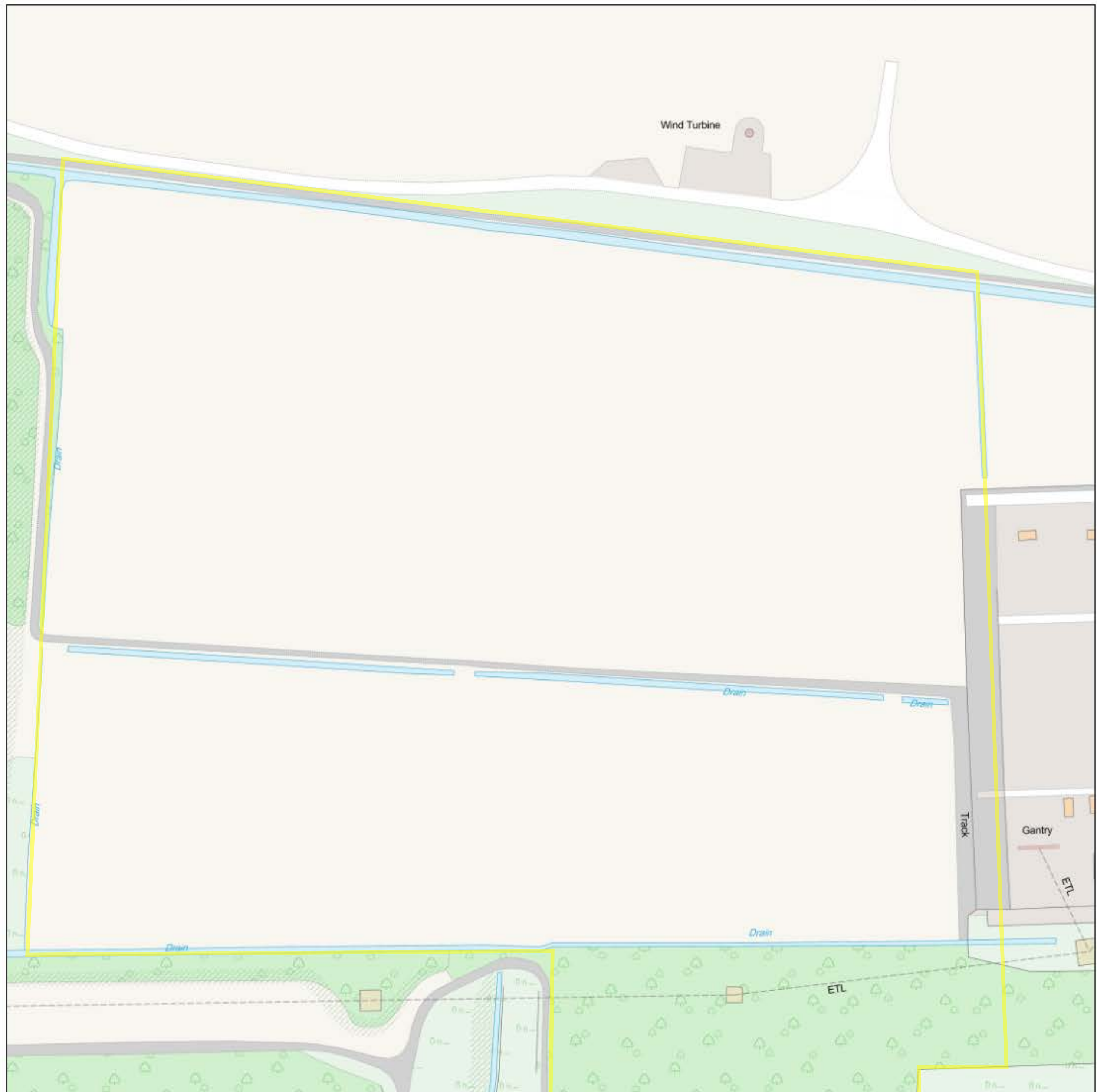
<div>SCALE: 1 : 1250</div> <div>USER ID: joe.goodchild</div> <div>DATE: 09/10/2020</div> <div>EXTRACT DATE: 10/06/2020</div> <div>MAP REF: SE8112</div> <div>CENTRE: 481933, 412046</div>	<div>LP MAINS</div> <div>MP MAINS</div> <div>IP MAINS</div> <div>LHP MAINS</div> <div><div><div>Valve</div><div>Depth of Cover</div><div>Syphon</div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div>	<div>This plan shows those pipes owned by Cadent Gas Ltd 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 Cadent Gas Ltd 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) 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.</div>	<div>MAPS Viewer Version 5.8.0.1</div> <div>Local Machine</div> <div>This plan is reproduced from or based on the OS map by Cadent Gas Ltd, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.</div>
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<div>SCALE: 1 : 1250</div> <div>USER ID: joe.goodchild</div> <div>DATE: 09/10/2020</div> <div>EXTRACT DATE: 10/06/2020</div> <div>MAP REF: SE8211</div> <div>CENTRE: 482133, 411746</div>	<div>LP MAINS</div> <div>MP MAINS</div> <div>IP MAINS</div> <div>LHP MAINS</div> <div><div><div>Valve</div><div>Depth of Cover</div><div>Syphon</div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div><div><div></div><div></div><div></div><div></div><div></div><div></div></div></div>	<div>This plan shows those pipes owned by Cadent Gas Ltd 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 Cadent Gas Ltd 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) 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.</div>	<div>MAPS Viewer Version 5.8.0.1</div> <div>Local Machine</div> <div>This plan is reproduced from or based on the OS map by Cadent Gas Ltd, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.</div>
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Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

 **openreach**

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk













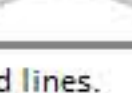




ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbyd








Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 2023 (opt 1 + opt 1) and we can get it fixed ASAP

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KEY TO BT SYMBOLS

KEY TO BT SYMBOLS			Change Of State	+	Hatchings	
	<i>Planned</i>	<i>Live</i>	Split Coupling	×	Built	
PCP			Duct Tee	▲	Planned	
Pole			Building		Inferred	
Box			Kiosk		Duct	
Manhole			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
Cabinet						

	<i>Pending Add</i>	<i>In Place</i>	<i>Pending Remove</i>	<i>Not In Use</i>
Power Cable				
Power Duct				N/A

BT Ref : PRL100260

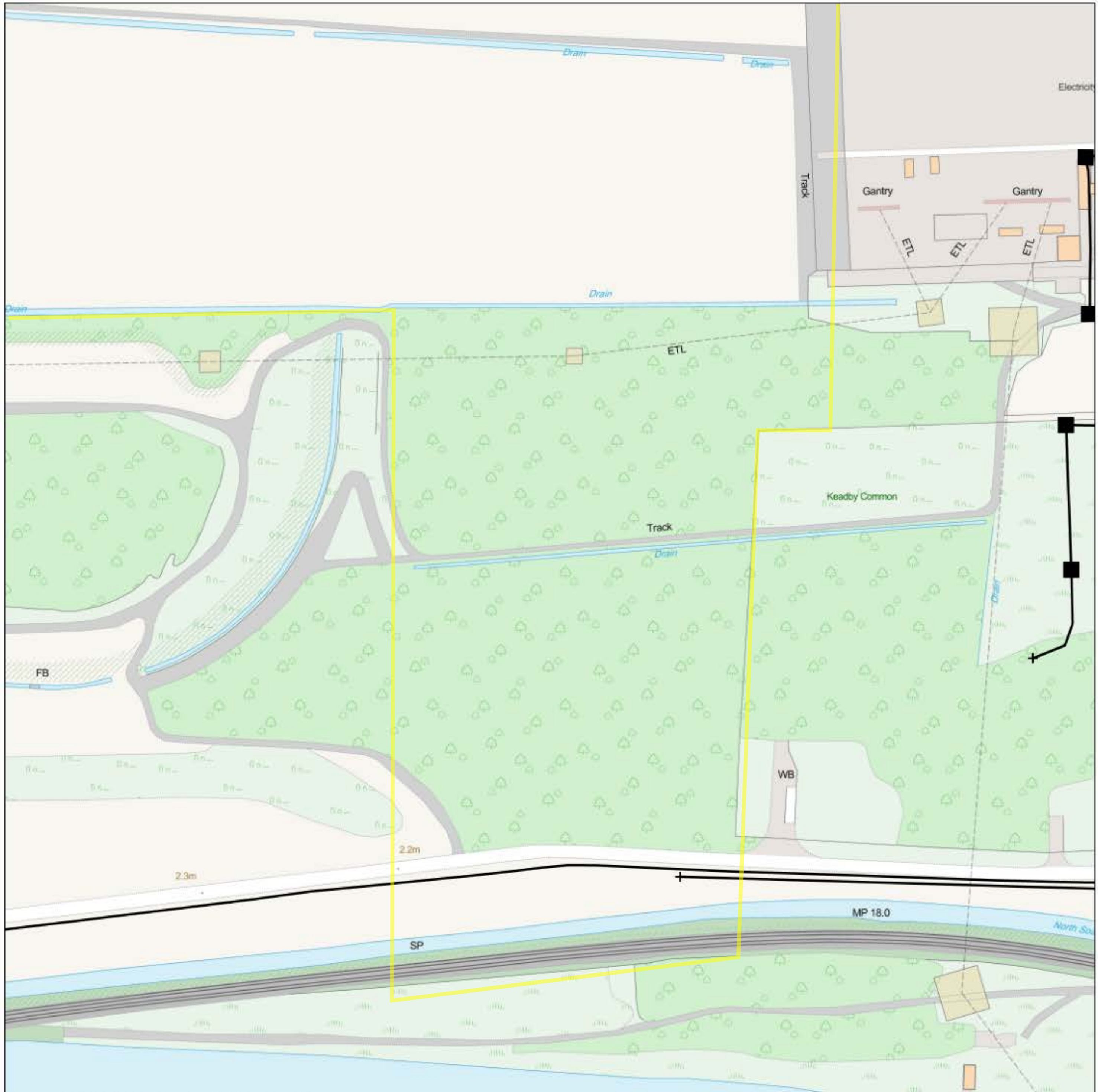
Map Reference : (centre) SE8203012057

Easting/Northing : (centre) 482030,412057

Issued : 15/10/2020 10:02:42

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

Maps by email Plant Information Reply



IMPORTANT WARNING

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openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk

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(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbyd

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KEY TO BT SYMBOLS

		Change Of State	+	Hatchings	
	<i>Planned</i>	<i>Live</i>	×	Built	
PCP			▲	Planned	
Pole			■	Inferred	
Box			Ⓚ	Duct	
Manhole			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.		
Cabinet					
	<i>Pending Add</i>	<i>In Place</i>	<i>Pending Remove</i>	<i>Not In Use</i>	
Power Cable					
Power Duct				N/A	

BT Ref : NTW12078C

Map Reference : (centre) SE8210311764

Easting/Northing : (centre) 482103,411764

Issued : 09/10/2020 12:07:24

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk



Premier Energy Services Ltd
Premier House
Daux Road
Billingshurst
West Sussex
RH14 9SJ

Virgin Media
Field Services
Units 1-12
Broad Lane
Mayfair Business Park
Bradford
Yorkshire
BD4 8PW

Tel: 0870 888 3116 Opt 2
Fax: 01268 468557

Plant Enquiry Ref: VM.1175268
Your Letter Date: 16.10.2020
Your Ref: NA
Date: 19.10.2020

Dear Sir /Madam

Enquiry Location:

Keady Power Station West DN17 3ER

Thank you for your enquiry regarding work at the above location.

Virgin Media and Viatel plant should not be affected by your proposed work and no strategic additions to our existing network are envisaged in the immediate future.

Should your request be in relation to a Residential New Development, Virgin Media would like the opportunity to assist with your diversionary quote and serve your site free of charge, offering your customers the fastest widely available broadband speeds on the market up to 500Mbps.

For Commercial New Developments our team can also be reached through the below link, ensuring future businesses to your site are connected to our fibre network.

Simply head over to www.virginmedia.com/developer and fill in the enquiry form and a member of our New Developments team will be in touch within 48 hours.

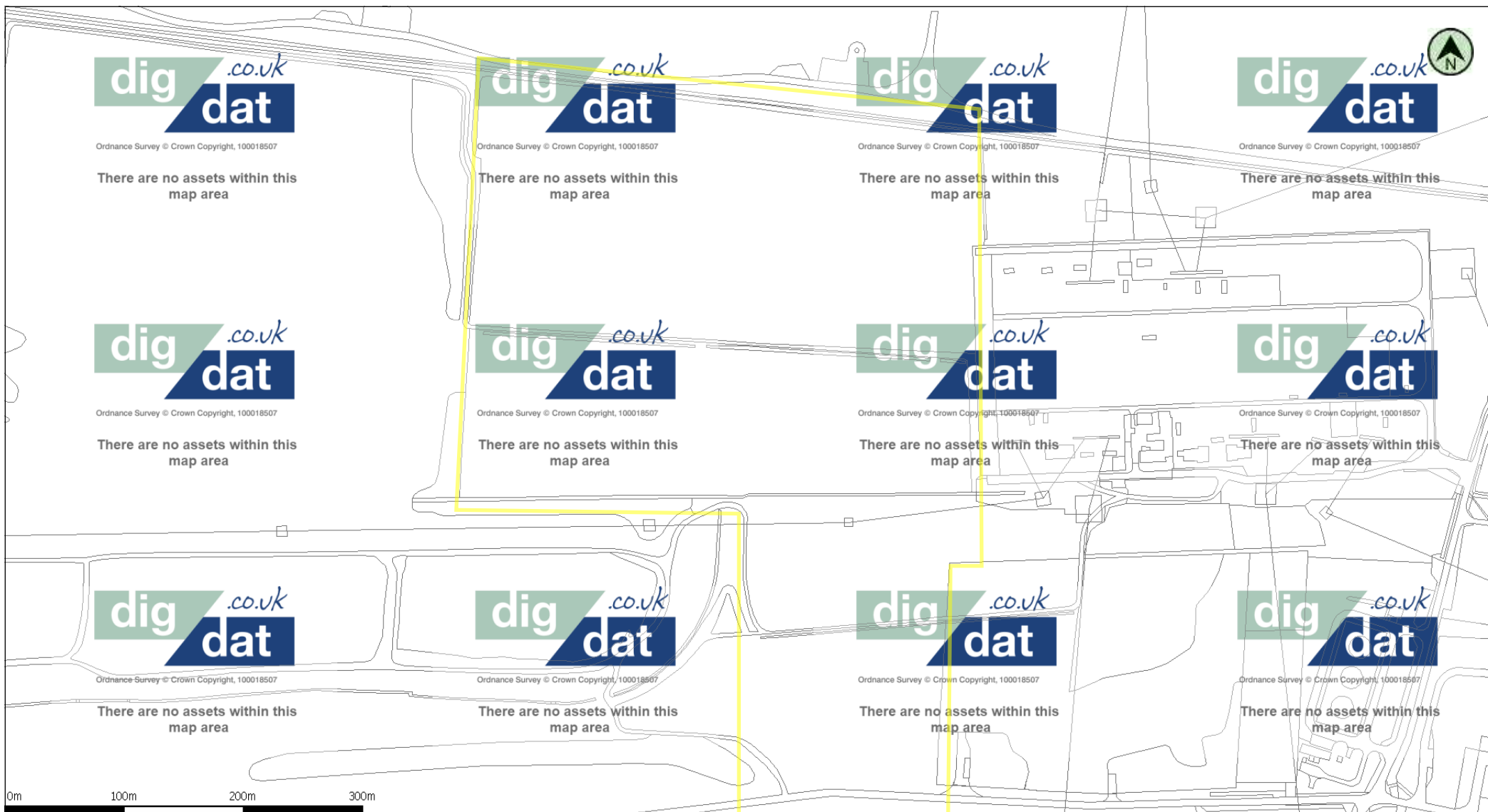
You will also find useful information about additional benefits to you and your site, plus a handy 'developers guide' can be downloaded with detailed installation requirements.

Or if you prefer to talk, please call the New Developments team on: 0800 408 0088 Option 2
Yours faithfully,

National Plant Enquiries Team

Email: plant.enquiries.team@virginmedia.co.uk

Please note: National Plant Enquiries Team (Bradford) cover and respond to plant enquiries for all ex ntl: Telewest franchise areas.



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Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2020 Ordnance Survey 100019209.

Duct, Trench



Chamber



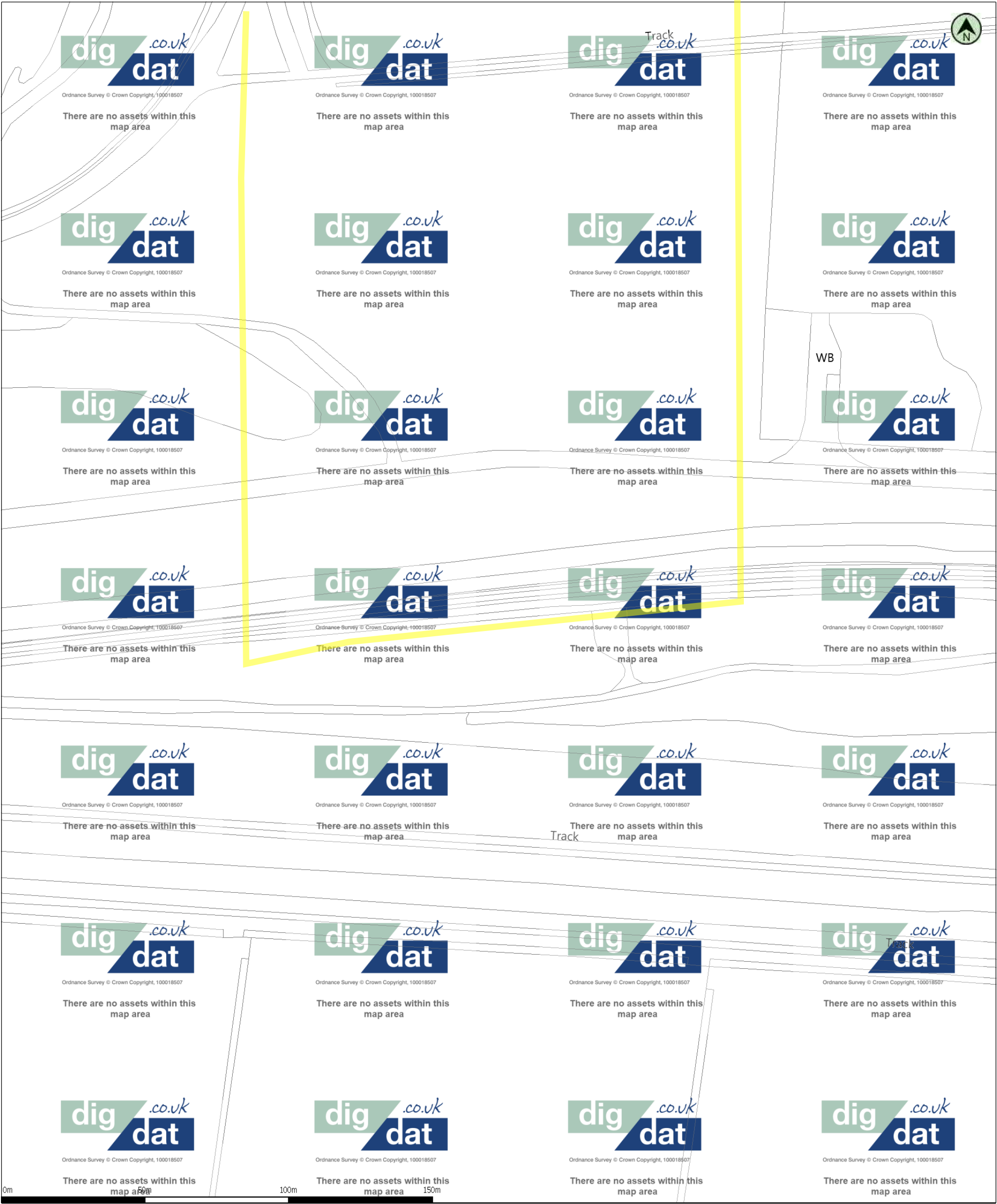
Cabinet



alasonjennifer.nathan@virginmedia.co

VM.1175268



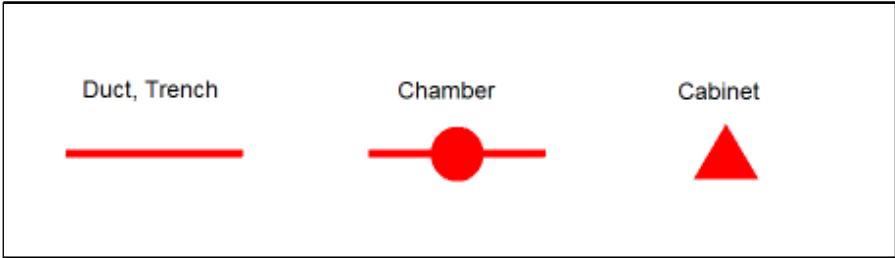


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Data updated: 01/10/20

Scale: 1:1250
Map Centre: 482097,411575

Date: 26/10/20
Our Ref: 451369 - 1

Telecoms Plan A3
Powered by digdat





Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2020 Ordnance Survey 100019209.

Joe Goodchild

From: plantenquiryservice@gtc-uk.co.uk
Sent: 09 October 2020 13:49
To: Joe Goodchild
Subject: GTC Plant Enquiry - Ref- 1533314
Attachments: 1533314.png

GTC Apparatus Not Found In Search Area

Our Plant Enquiry Service Ref: 1533314
Your Enquiry Ref: 607277 - Keady Power

Dear Joe,

Thank you for your enquiry concerning apparatus in the vicinity of your proposed work. GTC can confirm that we have no apparatus in the vicinity but please note that other asset owners may have and ensure all utility owners have been consulted. For your records, the search area is shown in the attached map.

Please note our assets now include those owned and operated by:

- GTC Pipelines Limited
- Independent Pipelines Limited
- Quadrant Pipelines Limited
- Electricity Network Company Limited
- Independent Power Networks Limited
- Independent Water Networks Limited
- Open Fibre Networks Limited
- Independent Community Heating Limited

If you have any queries or require any further information please do not hesitate to contact us.

Your sincerely,

GTC Plant Enquiry Service.

GTC
Synergy House
Woolpit Business Park
Woolpit
Bury St Edmunds
Suffolk, IP30 9UP
Tel: 01359 240363
plant.enquiries@gtc-uk.co.uk

NOTE:

This E-Mail originates from GTC, Synergy House, Woolpit Business Park, Woolpit, Bury St Edmunds, Suffolk, IP30 9UP
VAT Number: GB688 8971 40. Registered No: 029431.

DISCLAIMER

The information in this E-Mail and in any attachments is confidential and may be privileged. If you are not the intended recipient, please destroy this message, delete any copies held on your system and notify the sender immediately. You

Joe Goodchild

From: Plant Enquiries <plantenquiries@lastmile-uk.com>
Sent: 09 October 2020 14:59
To: Joe Goodchild
Subject: RE: Plant Enquiry - Keady Power Station West

Dear Sir/Madam,

Thank you for submitting your recent plant enquiry.

Based on the information provided, I can confirm that Last Mile **does not** have any plant within the area(s) specified in your request.

If you require further assistance with outstanding enquiries, please call 03300 587 443.

Please ensure all plant enquiries are sent to plantenquiries@lastmile-uk.com

Regards

From: Joe Goodchild <joe.goodchild@premierenergy.co.uk>
Sent: 09 October 2020 12:53
To: Plant Enquiries <plantenquiries@lastmile-uk.com>
Subject: Plant Enquiry - Keady Power Station West

Dear Plant Enquiries,

Please search the following location for your plant:

Bonnyhale Road, Keadby, North Lincolnshire, DN17 3ER

[482033,411946]

A location plan (2 pages) showing the search area is attached. If you have plant within the search area or close to the boundary please provide record drawings, ideally by email attachment. Please provide your information as soon as possible.

Many thanks.

Kind regards,

Joe Goodchild

Utility Searches

01403 740240 | joe.goodchild@premierenergy.co.uk



Premier House, Daux Road, Billingshurst, West Sussex, RH14 9SJ
www.premierenergy.co.uk



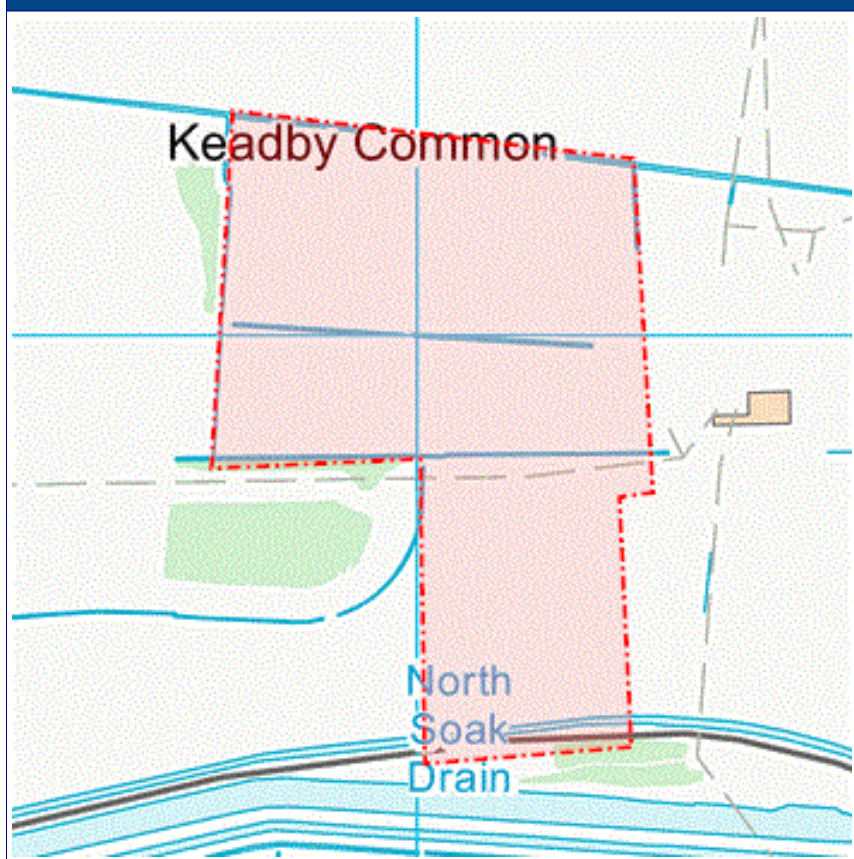
Enquirer

Name	Mr Joe Goodchild	Phone	01403289849
Company	Premier Energy	Mobile	Not Supplied
Address	Premier House Daux road Billingshurst West Sussex RH14 9SJ		
Email	joe.goodchild@premierenergy.co.uk		

Enquiry Details

Scheme/Reference	607277 - Keady Power Station West		
Enquiry type	Initial Enquiry	Work category	Development Projects
Start date	10/11/2020	Work type	Housing
End date	10/11/2020	Site size	214522 metres square
Searched location	XY= 482033, 411946	Work type buffer*	25 metres
Confirmed location	482014 412027		
Site Contact Name	Not Supplied	Site Phone No	Not Supplied
Description of Works			

* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.

Site Map


Asset Owners

Terms and Conditions. Please note that this enquiry is subject always to our standard terms and conditions available at www.lineasearchbeforeudig.co.uk ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

Notes. Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.

Validity and search criteria. The results of this enquiry are based on the confirmed information you entered and are valid only as at the date of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

Asset Owners & Responses. Please note the enquiry results include the following:

1. "LSBUD Members" who are asset owners who have registered their assets on the LSBUD service.
2. "Non LSBUD Members" are asset owners who have not registered their assets on the LSBUD service but LSBUD is aware of their existence. Please note that there could be other asset owners within your search area.

Below are three lists of asset owners:

1. **LSBUD Members who have assets registered within your search area. ("Affected")**
 - a. These LSBUD Members will either:
 - i. Ask for further information ("Email Additional Info" noted in status). The additional information includes: Site contact name and number, Location plan, Detailed plan (minimum scale 1:2500), Cross sectional drawings (if available), Work Specification.
 - ii. Respond directly to you ("Await Response"). In this response they may either send plans directly to you or ask for further information before being able to do so, particularly if any payments or authorisations are required.
2. **LSBUD Members who do not have assets registered within your search area. ("Not Affected")**
3. **Non LSBUD Members who may have assets within your search area.** Please note that this list is not exhaustive and all details are provided as a guide only. It is your responsibility to identify and consult with all asset owners before proceeding.

National Grid. Please note that the LSBUD service only contains information on National Grid's Gas above 7 bar asset, all National Grid Electricity Transmission assets and National Grid's Gas Distribution Limited above 2 bar asset.

For National Grid Gas Distribution Ltd below 2 bar asset information please go to www.beforeyoudig.nationalgrid.com

LSBUD Members who have assets registered on the LSBUD service within the vicinity of your search area.

List of affected LSBUD members

Asset Owner	Phone/Email	Emergency Only	Status
National Grid Gas (Above 7 bar), National Grid Gas Distribution Limited (Above 2 bar) and National Grid Electricity Transmission	0800688588 plantprotection@cadentgas.com	Gas 0800111999 Electricity 0800404090	Email Additional Info

LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area. Please be aware that LSBUD Members make regular changes to their assets and this list may vary for new enquiries in the same area.

List of not affected LSBUD members

AWE Pipeline	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
BP Exploration Operating Company Limited	BPA	Carrington Gas Pipeline
CATS Pipeline c/o Wood Group PSN	Cemex	Centrica Storage Ltd
Chrysaor Production (UK) Limited	CLH Pipeline System Ltd	CNG Services Ltd
Concept Solutions People Ltd	ConocoPhillips (UK) Teesside Operator Ltd	Diamond Transmission Corporation
DIO (MOD Abandoned Pipelines)	DIO (MOD Live Pipelines)	Drax Group
E.ON UK CHP Limited	EirGrid	Electricity North West Limited
ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited	EP Langage Limited
ESP Utilities Group	ESSAR	Esso Petroleum Company Limited
Fulcrum Pipelines Limited	Gamma	Gas Networks Ireland (UK)
Gateshead Energy Company	Gigaclear Ltd	Gtt
Heathrow Airport LTD	Humbly Grove Energy	IGas Energy
INEOS FPS Pipelines	INEOS Manufacturing (Scotland and TSEP)	INOVYN Enterprises Limited
Intergen (Coryton Energy or Spalding Energy)	Jurassic Fibre Ltd	Mainline Pipelines Limited
Manchester Jetline Limited	Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)
Melbourn Solar Limited	Murphy Utility Assets	Northumbrian Water Group
NPower CHP Pipelines	NYnet Ltd	Oikos Storage Limited
Ørsted	Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos
Phillips 66	Portsmouth Water	Premier Transmission Ltd (SNIP)
Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)
SABIC UK Petrochemicals	Scottish and Southern Electricity Networks	Scottish Power Generation
Seabank Power Ltd	SES Water	SGN
Shell	Shell NOP	SSE (Peterhead Power Station)
SSE Enterprise Telecoms	SSE Generation Ltd	SSE Utility Solutions Limited
Tata Communications (c/o JSM Construction Ltd)	Total (Colnbrook & Colwick Pipelines)	Total Finaline Pipelines
Transmission Capital	UK Power Networks	Uniper UK Ltd
University of Cambridge Granta Backbone	Vattenfall	Veolia ES SELCHP Limited

Network		
Veolia ES Sheffield Ltd	Wales and West Utilities	West of Duddon Sands Transmission Ltd
Western Power Distribution	Westminster City Council	Zayo Group UK Ltd c/o JSM Group Ltd



Joe Goodchild
Premier Energy Services
Premier House
Daux Road
Billingshurst
Billingshurst
West Sussex
RH14 9SJ

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

National Gas Emergency Number:
0800 111 999*

National Grid Electricity Emergency Number:
0800 40 40 90*

* Available 24 hours, 7 days/week.
Calls may be recorded and monitored.

www.cadentgas.com

Date: 09/10/2020

Our Ref: EM_GE1A_3SWX_733897

Your Ref: 607277 - Keady Power Station West

RE: Proposed Works, Bonnyhale Road, Keadby, North Lincolnshire, DN17 3ER

Thank you for your enquiry which was received on 09/10/2020.
Please note this response and any attached map(s) are valid for 28 days.

An assessment has been carried out with respect to Cadent Gas Limited, National Grid Electricity Transmission plc's and National Grid Gas Transmission 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 Network areas please see the Cadent website (<http://cadentgas.com/Digging-safely/Dial-before-you-dig>) 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. Plant Protection 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.

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 Cadent and/or National Grid's apparatus, e.g. as contained within the Construction (Design and Management) Regulations.

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

- | Cadent and/or National Grid's legal interest (easements or wayleaves) in the land which restricts activity in proximity to Cadent and/or 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 Plant Protection.
- | 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 either the [National Grid](#) or [Cadent](#) website.

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

Cadent Gas Limited, NGGT 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 Plant Protection team via e-mail ([click here](#)) or via the contact details at the top of this response.

Yours faithfully

Plant Protection Team

ASSESSMENT

Affected Apparatus

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

- | National Gas Transmission Pipelines and associated equipment
- | Electricity Transmission underground cables and associated equipment
- | Electricity Transmission overhead lines
- | Above ground electricity sites and installations

Requirements

BEFORE carrying out any work you must:

- | **Refer to the attached cable profile drawings (if any) which provide details about the location of National Grid's high voltage underground cables.**
- | Carefully read these requirements including the attached guidance documents and maps showing the location of apparatus.
- | Contact the landowner and ensure any proposed works in private land do not infringe Cadent and/or 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 Cadent and/or 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

High Pressure Gas Pipelines Guidance:

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 Cadent and/or National Grid High Pressure Gas Pipelines and Associated Installations - Requirements for Third Parties' (SSW22). This can be obtained from: <http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=33968>

National High Pressure Gas Pipelines Guidance:

<http://www.nationalgrid.com/NR/rdonlyres/9934F173-04D0-48C4-BE4D-82294822D29C/51893/Above7barGasGuidance.pdf>

Dial Before You Dig Pipelines Guidance:

<http://www2.nationalgrid.com/WorkArea/DownloadAsset.aspx?id=33969>

Working Near National Grid Electricity Transmission equipment:

If you are carrying out any work in proximity to an overhead line or any excavation that may be near an underground cable then please consult National Grid Technical Guidance Note 287 that can be found at https://www.nationalgrid.com/sites/default/files/documents/8589935533-TGN%20287_Third%20party%20guidance%20for%20working%20near%20NGET%20equipment.pdf Further guidance related to underground cables can also be found at <https://www.nationalgrid.com/sites/default/files/documents/8589936512-Excavating%20Safety%20Leaflet%20Electricity.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>

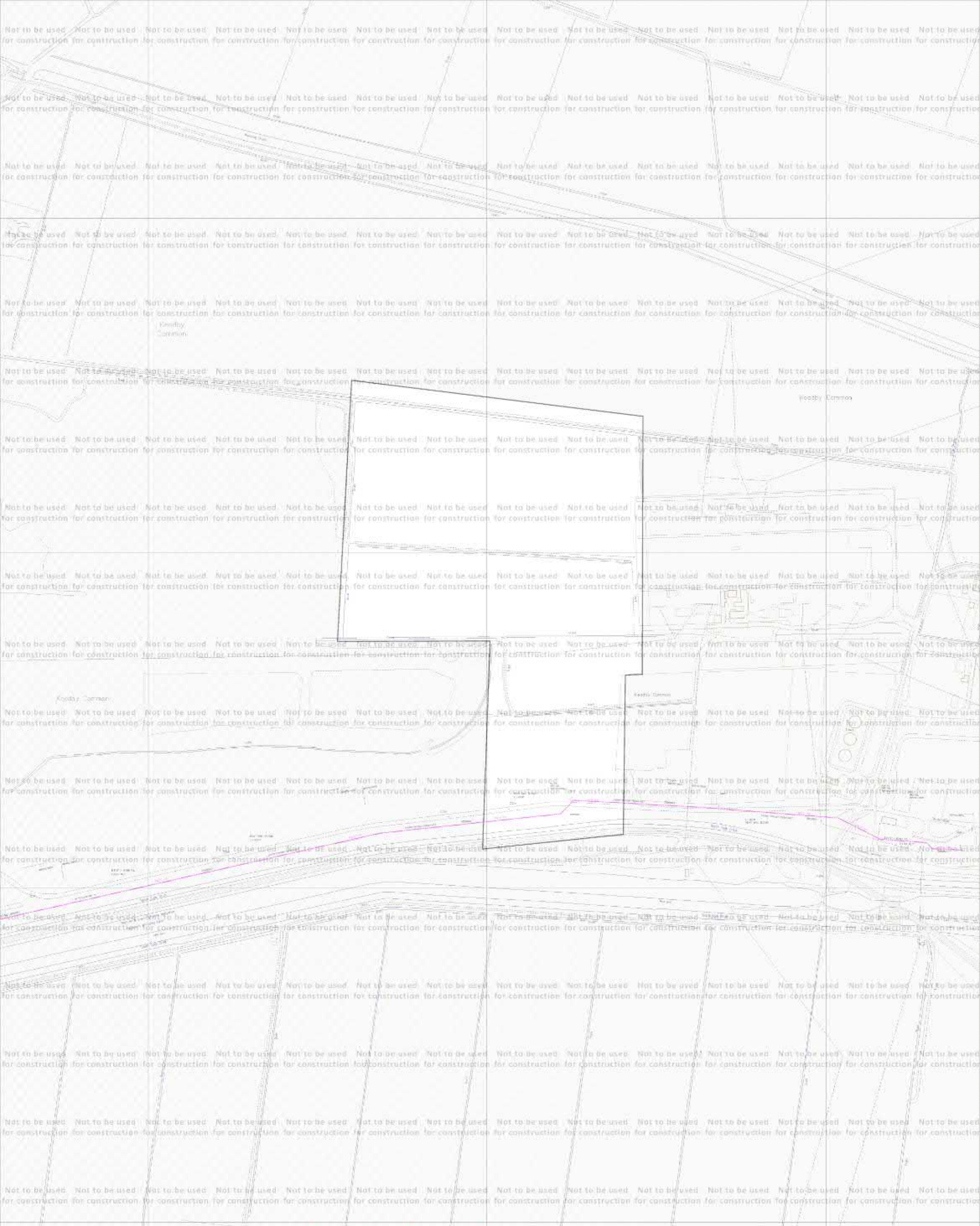
Excavating Safely in the vicinity of gas pipes guidance (Credit card):


<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](#) and [Cadent](#) websites.



ID: EM_GE1A_3SWX_733897		View extent: 1445m, 1835m		Map not to be used for construction		Map 1 of 2 (GAS)	
USER: joe.goodchild		LP MAINS		<p>This plan shows those pipes owned by Cadent Gas Limited 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 Cadent Gas Limited 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.</p>		MAPS Plot Server Version 1.11.0	
DATE: 09/10/2020		MP MAINS				 Your Gas Network Requested by: Premier Energy Services	
DATA DATE: 08/10/2020		IP MAINS					
REF: 607277 - Keady Power Station V		LHP MAINS					
MAP REF: SE8211		NHP MAINS					
CENTRE: 482005, 411908		<div><div>0m100m</div><div>Approximate scale 1:5000 on A3 Colour Portrait</div></div>				This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886	
Some examples of Plant Items:							
<div><div>Valve</div><div>Depth of Cover</div><div>Syphon</div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div>							



ID: EM_GE1A_3SWX_733897		View extent: 1445m, 1835m	Map not to be used for construction	Map 2 of 2 (ELECTRIC)
USER: joe.goodchild	Underground cables		<p>This plan shows those cables owned by National Grid Electricity Transmission plc in its role as a Licensed Electricity Transporter (ET). Electricity cables owned by other ETs, or otherwise privately owned, may be present in this area. Information with regard to such cables should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Ancillary equipment such as cooling systems and communication cables are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Grid Electricity Transmission 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 cables 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 electricity apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p>	MAPS Plot Server Version 1.11.0  Requested by: Premier Energy Services This plan is reproduced from or based on the OS map by National Grid Electricity Transmission plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024241
DATE: 09/10/2020	Overhead lines			
DATA DATE: 14/08/2020				
REF: 607277 - Keadby Power Station V				
MAP REF: SE8211				
CENTRE: 482005, 411908	 Approximate scale 1:5000 on A3 Colour Portrait			

ENQUIRY SUMMARY

Received Date

09/10/2020

Your Reference

607277 - Keady Power Station West

Location

Centre Point: 482005, 411908

X Extent: 452

Y Extent: 702

Location Description: Bonnyhale Road, Keadby, North Lincolnshire, DN17 3ER

Map Options

Paper Size: A3

Orientation: PORTRAIT

Requested Scale: 2500

Actual Scale: 1:5000 (GAS), 1:5000 (ELECTRIC)

Real World Extents: 1445m x 1835m (GAS), 1445m x 1835m (ELECTRIC)

Recipients

joe.goodchild@premierenergy.co.uk

Enquirer Details

Organisation Name: Premier Energy Services

Contact Name: Joe Goodchild

Email Address: joe.goodchild@premierenergy.co.uk

Telephone: 01403289849

Address: Premier House, Daux Road, Billingshurst, Billingshurst, West Sussex, RH14 9SJ

Description of Works

plans only

Enquiry Type

Proposed Works

Activity Type

Development Project

Work Types

Work Type: Plans Only

Joe Goodchild

From: Harshita K S <Harshitha.KS@atkinsglobal.com>
Sent: 12 October 2020 10:54
To: Joe Goodchild
Subject: RE: Plant Enquiry - Keady Power Station West

Please note that according to our records there is leased and/or third party network within your proposed works. However, because the plant is leased/third party we do not hold 'As Built' records. We strongly recommend you contact all other utility providers to gather the extent of services within that area. Unfortunately, we are unable to advise who the plant is leased to or who the third party is.

IMPORTANT - PLEASE READ = Your Next Step?:-

Where apparatus is affected and requires diversion, please send all the scheme related proposals that affects the Vodafone Network to c3requests@vodafone.com with a request for a 'C3 Budget Estimate'. Please ensure you include a plan showing proposed works. (A location plan is insufficient for Vodafone to provide a costing). These estimates will be provided by Vodafone directly, normally within 20 working days from receipt of your request. Please include proof of this C2 response when requesting a C3 (using the 'forward' option). Diversionary works may be necessary if the existing line of the highway/railway or its levels are altered.

If you require a quote for new development, commercial site connections - please email your requirements and associated plans to c3requests@vodafone.com and a budget estimate will be returned, within 10 working days of receipt.

Plant Enquiries Team
T: +44 (0)1454 662881
E: osm.enquiries@atkinsglobal.com

This response is made only in respect to electronic communications apparatus forming part of the Vodafone Limited electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK (now re-named Vodafone Enterprise UK), Energis Communications Limited, Thus Group Holdings Limited and Your Communications Limited.

ATKINS working on behalf of Vodafone: Fixed



PLEASE NOTE:

The information given is indicative only. No warranty is made as to its accuracy. This information must not be solely relied upon in the event of excavation or other works carried out in the vicinity of Vodafone plant. No liability of any kind whatsoever is accepted by Vodafone, its servants, or agents, for any error or omission in respect of information contained on this information. The actual position of underground services must be verified and established on site before any mechanical plant is used. Authorities and contractors will be held liable for the full cost of repairs to Vodafone's apparatus and all claims made against them by Third parties as a result of any interference or damage.



Please consider the environment before printing this e-mail

From: Joe Goodchild <joe.goodchild@premierenergy.co.uk>
Sent: 09 October 2020 18:21

Joe Goodchild

From: Plantenquiries <plantenquiries@catelecomuk.com>
Sent: 20 October 2020 17:39
To: Joe Goodchild
Subject: RE: Plant Enquiry - Keady Power Station West

Please Note: Our search criteria has changed. We previously searched for Colt Network which was within 200 metres, this has now changed to 50 metres. The negative response will be for all enquiries that the network is 50 metres or more away from the place of enquiry.

Dear Sir/Madam,

Thank you for your enquiry for the above reference.

We can confirm that Colt Technology Services do not have apparatus near the above location as presented on your submitted plan, if any development or scheme amendments fall outside the 50 metre perimeter new plans must be submitted for review.

Search is based on Overseeing Organisation Agent data supplied; we do not accept responsibility for O.O. Agent inaccurate data.

If we can be of any further assistance please do not hesitate to contact us.

Kind regards,

Plant Enquiry Team



Please consider the environment before printing this email.

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the intended recipient(s). If you are not the intended recipient, you must not copy, distribute or take any action based on this communication. If you have received this communication in error please contact plantenquiries@catelecomuk.com and delete this communication and any copies of it. Any views or opinions presented are solely those of the author and do not necessarily represent those of C A Telecom LTD. C A Telecom LTD monitors e-mails to ensure that its systems operate effectively and to minimise the risk of viruses.

From: Joe Goodchild <joe.goodchild@premierenergy.co.uk>
Sent: 09 October 2020 13:04
To: Plantenquiries <plantenquiries@catelecomuk.com>
Subject: Plant Enquiry - Keady Power Station West

Joe Goodchild

From: KPN Plant Enquiries <kpn.plantenquiries@instalcom.co.uk>
Sent: 16 October 2020 14:19
To: Joe Goodchild
Subject: RE:K10-20- 2557 Plant Enquiry - Keady Power Station West



Dear Sir or Madam,

With reference to your plant enquiry below, we can confirm that KPN do not have any apparatus within the immediate proximity of your proposed works.

If you require any further information, please do not hesitate to contact us.

Please note that this response is only valid for 3 months. If your works do not commence within this time period, please resubmit your plant enquiry for assessment before any works commence.

Regards

Plant Enquiries Dept
Instalcom Limited
Borehamwood Ind. Park
Rowley Lane
Borehamwood
WD6 5PZ

Office: +44 (0)208 731 4613
Fax: +44 (0)208 731 4601
Email: kpn.plantenquiries@instalcom.co.uk
Web: <http://www.instalcom.co.uk>



From: Joe Goodchild <joe.goodchild@premierenergy.co.uk>
Sent: 09 October 2020 13:05
To: KPN Plant Enquiries <kpn.plantenquiries@instalcom.co.uk>
Subject: Plant Enquiry - Keady Power Station West

Dear Plant Enquiries,

Joe Goodchild

From: NRSWA <nrswa.nrswa@sky.uk>
Sent: 09 October 2020 16:47
To: Joe Goodchild
Subject: Plant Enquiry - Keady Power Station West



Thank you for your enquiry.

Please be advised that Sky Telecommunications Services Ltd will not be affected by your proposal.

Best endeavours have been made to ensure accuracy, however if you require further information, please contact us by email at nrswa@sky.uk.

Regards

NRSWA Department
Tech UK - Implementation

sky | TECHNOLOGY

✉ nrswa@sky.uk ☎ +44 20703232234

From: Joe Goodchild <joe.goodchild@premierenergy.co.uk>
Sent: 09 October 2020 13:06
To: NRSWA <nrswa.nrswa@sky.uk>
Subject: [EXTERNAL] Plant Enquiry - Keady Power Station West

Dear Plant Enquiries,

Please search the following location for your plant:

Bonnyhale Road, Keadby, North Lincolnshire, DN17 3ER

[482033,411946]

A location plan (2 pages) showing the search area is attached. If you have plant within the search area or close to the boundary please provide record drawings, ideally by email attachment. Please provide your information as soon as possible.

Many thanks.

Kind regards,

Joe Goodchild

From: Plantenquiries <Plantenquiries@instalcom.co.uk>
Sent: 15 October 2020 11:51
To: Joe Goodchild
Subject: E10-20-3829 RE: Plant Enquiry - Keady Power Station West

Dear Sir or Madam,

Thank you for your plant enquiry below.

We can confirm that CenturyLink Communications UK Limited (formerly Level 3), Global Crossing (Uk) Ltd, Global Crossing PEC, Fibernet UK Ltd and Fibrespan Ltd do not have any apparatus within the indicated works area.

Instalcom responds to plant enquiries for all of the above and therefore you only need send one plant enquiry to cover all of these companies.

Please note that this response is only valid for 3 months. If your works do not commence within this time period, please resubmit your plant enquiry for assessment before any works commence.

Regards

Plant Enquiries Dept
Instalcom Limited
Borehamwood Ind. Park
Rowley Lane
Borehamwood
WD6 5PZ

Office: +44 (0)208 731 4613
Fax: +44 (0)208 731 4601
Email: plantenquiries@instalcom.co.uk
Web: <http://www.instalcom.co.uk>



From: Joe Goodchild [mailto:joe.goodchild@premierenergy.co.uk]
Sent: 09 October 2020 13:07
To: Plantenquiries <Plantenquiries@instalcom.co.uk>
Subject: Plant Enquiry - Keady Power Station West

Dear Plant Enquiries,

Joe Goodchild

From: UK OSP-Team <osp-team@uk.verizon.com>
Sent: 12 October 2020 17:14
To: Joe Goodchild
Cc: UK OSP-Team
Subject: RE: [E] Plant Enquiry - Keady Power Station West

Dear Sir/Madam

Verizon is a licensed Statutory Undertaker.

We have reviewed your plans and have determined that Verizon (Formally known as MCI WorldCom, MFS) has no apparatus in the areas concerned.

If you have any further queries please do not hesitate to get in touch.

Yours faithfully

Plant Protection Officer E.mail osp-team@uk.verizon.com

From: Joe Goodchild [mailto:joe.goodchild@premierenergy.co.uk]
Sent: 9 October, 2020 1:08 PM
To: UK OSP-Team
Subject: [E] Plant Enquiry - Keady Power Station West

Dear Plant Enquiries,

Please search the following location for your plant:

Bonnyhale Road, Keadby, North Lincolnshire, DN17 3ER

[482033,411946]

A location plan (2 pages) showing the search area is attached. If you have plant within the search area or close to the boundary please provide record drawings, ideally by email attachment. Please provide your information as soon as possible.

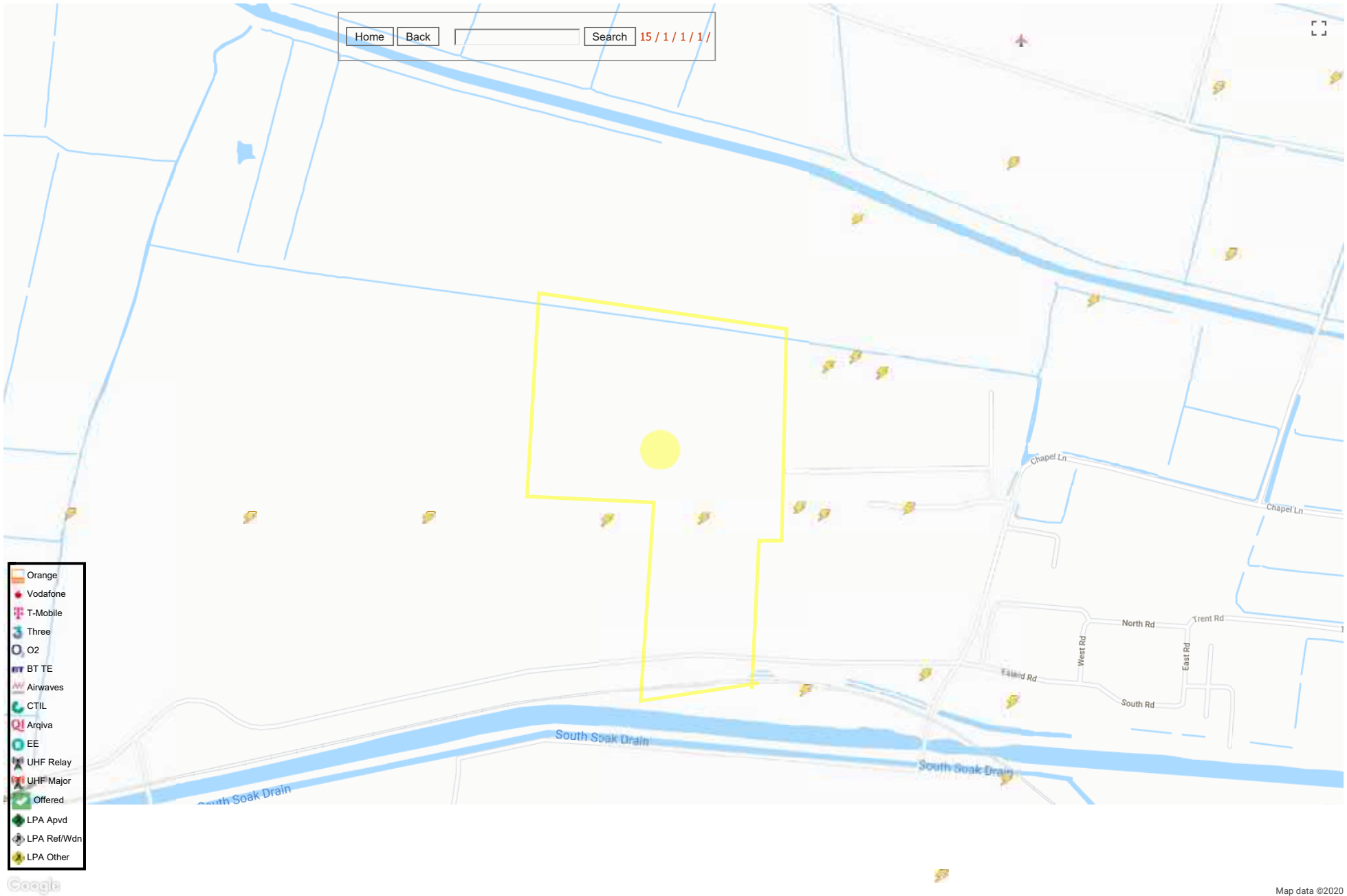
Many thanks.

Kind regards,

Joe Goodchild

Utility Searches

01403 740240 | joe.goodchild@premierenergy.co.uk





Worksite Survey Team
National Records Centre
Audax Road
YORK

NRSWA Asset Enquiries

YO30 4US

Dear Sir/Madam,

Please find information available as per the checklist.

The information contained herein is based on Network Rail's records and, where appropriate, third parties such as utility companies. The search enclosed does not cover a search of local council records. Also, schematic Signal and Telecom (S&T) cables plans are not provided as part of the search results, therefore you must assume S&T cables are present until proven otherwise.

Although at the date of this letter the information is as up to date as possible, it is **NOT** a statement of validity, accuracy or completeness as to any of the enclosed search information and must not be relied on as such.

Your risk assessment **MUST** take into account:

- That the information supplied, including the services shown on the map from the Rail Infrastructure Network Model (RINM), does not provide any guarantee as to the accuracy of the actual location of services on site and **MUST** be considered as for guidance purposes only.
- That new/unrecorded services are likely to be present
- That the enclosed buried services search information has been collated only for the ELR and Mileage boundaries as stated on the original request form

Included in the buried services search is a list of ASPRO engineers & managers you **MUST** contact before any ground disturbance is carried out, to check whether further information is held locally.

Further guidance can be obtained from the Health and Safety Executive publication HSG47 "Avoiding Danger from Underground Services" and the Network Rail Publication NR/L2/INI/CP1030.

Should you become aware of any additional underground services or assets within the locality during your investigations and/or works, including redundant assets, please identify them as a matter of urgency to the site manager. Records of the location of these assets should be kept for onward transmission and entry into the Hazard Directory.

Yours sincerely

NRSWA Team

Worksite Survey

Buried Services Information Checklist			
Your Ref	Keady Power Station West	Our Order Ref	71956
Network Rail Record Type	Category	Enc. Yes/No	Notes Eg Nil Return
Asset Protection National Map	Contact Info	Y	
Hazard Directory	Hazard	Y	
Site Map	GIS Systems	Y	
eB - Corporate records management system	National Records Group	N	Nil return
National Records Group - Civils Records	National Records Group	Y	

NIL RETURN: After interrogating the information made available to us, no records

containing buried services information have been returned for this worksite.

However, reference must be made to the guidelines supplied with this buried services search, which contain important information on safe working practices.



Please complete a development questionnaire and submit it to the relevant route email address found on the map below

The Asset Protection Project Managers lead dedicated teams in providing advice to the public who are planning activities on or near the railway.

The teams deal with a multitude of issues including neighbouring construction sites, utility works, bridge works, domestic maintenance, new road schemes, inspection and surveying and works within the designated precautionary area of level crossings.

* It does not cover subjects such as emergencies, Town & Country Planning, property Sales or complaints.

SCOTLAND

Network Rail
Asset Protection Team
Floor 2, Buchanan House
58 Port Dundas Road
Glasgow
G4 0LQ

Tel:- 0141 555 4087

Manager: Raymond Sheridan

NEW ENQUIRIES
AssetProtectionScotland@networkrail.co.uk

LNW (NORTH)

Network Rail
Asset Protection Team
Floor 1, Square One
4 Travis Street
Manchester
M1 2NY

Tel:- 0161 880 3706

Manager: Mark Stevens

NEW ENQUIRIES
AssetProtectionLNWNorth@networkrail.co.uk

WALES

Network Rail
St. Patrick's House
17 Penarth Road
Cardiff
CF10 5ZA

Tel:- 0292 092 9613

Manager: James O'Gorman

NEW ENQUIRIES
AssetProtectionWales@networkrail.co.uk

WESTERN

Network Rail
Asset Protection Team
5th Floor, Western House
1 Holbrook Way
Swindon
SN1 1BD

Tel:- 01793 260 127

Manager: Richard Selwood

NEW ENQUIRIES
AssetProtectionWestern@networkrail.co.uk

WESSEX

Network Rail
Wessex Asset Protection Team
4th Floor, Waterloo General Offices
Waterloo Station
London
SE1 8SW

Tel:- 0330 854 0648

Manager: Peter Barron

NEW ENQUIRIES
AssetProtectionWessex@networkrail.co.uk

SOUTHEAST (FORMERLY SUSSEX)

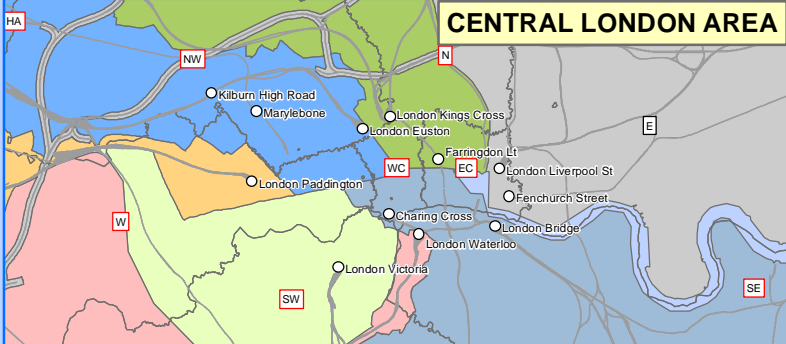
Network Rail
Sussex Asset Protection Team
27 Great Suffolk Street
London
SE1 0NS

Tel:- 0203 357 7968

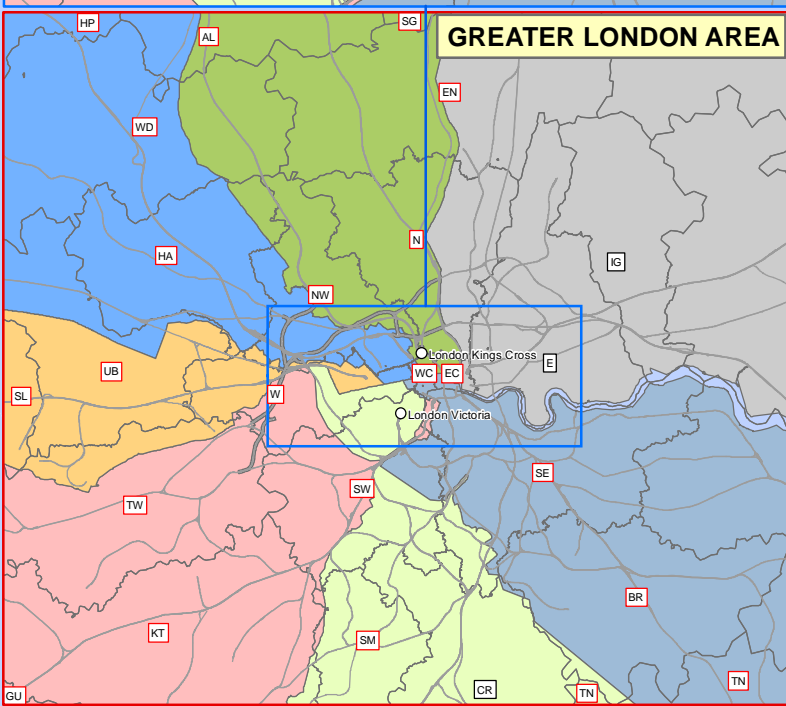
Manager: Logan Subramaniam

NEW ENQUIRIES
AssetProtectionLondonSouthEast@networkrail.co.uk

CENTRAL LONDON AREA



GREATER LONDON AREA



LONDON NORTH EASTERN & EAST MIDLANDS

Network Rail
Asset Protection Team
George Stephenson House
Toft Green
York
YO1 6JT

Tel:- 01904 384002

Manager: Lawrence Hogan

NEW ENQUIRIES
AssetprotectionLNEEM@networkrail.co.uk

ANGLIA

Network Rail
Asset Protection Team
11th Floor, One Stratford Place
Montfichet Road
Stratford, London
E20 1EJ

Tel:- 0203 356 2510

Manager: Julie Houghton

NEW ENQUIRIES
AssetProtectionAnglia@networkrail.co.uk

LNW (SOUTH)

Network Rail
Asset Protection Team
Floor 2, The Quadrant MK
Elder Gate
Milton Keynes
MK9 1EN

Tel:- 01908 783 422

Manager: Mark Stevens

NEW ENQUIRIES
AssetProtectionLNWSouth@networkrail.co.uk

SOUTHEAST (FORMERLY KENT)

Network Rail
Kent Asset Protection Team
27 Great Suffolk Street
London
SE1 0NS

Tel:- 0203 357 7965

Manager: Logan Subramaniam

NEW ENQUIRIES
AssetProtectionLondonSouthEast@networkrail.co.uk

Network Rail (High Speed)

Website location: Network Rail / Industry & Partners / Network interface - High Speed 1

NEW ENQUIRIES
AssetProtectionHighSpeed1@networkrail.co.uk

LEGEND

- CH** UK Postcode (within single NR Territory)
- CH** UK Postcode (split between NR Territories)
- Rail Network

ASPRO NATIONAL MAP

CLIENT: SAFETY, TECHNICAL & ENGINEERING			
JOB NO.:	10519.104	USE TYPE:	[INTERNAL]
SCALE :	1:3,000,000 @ A3	DATE:	10/01/2019
VERSION:	03	PRODUCED BY:	AS
		QA BY:	SD



Asset Information Services

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GeospatialReportingAnalysis@NetworkRail.co.uk

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National Hazard Directory

Terms and Conditions

The National Hazard Directory (NHD) is issued by Network Rail to provide information on those hazards recorded as present on Network Rail's infrastructure. Its purpose is to alert users to the typical hazards they may come across whilst working on Network Rail's Infrastructure. The National Hazard Directory is maintained by Network Rail to provide its employees and contractors with information on known hazards present on the infrastructure in order to assist in the identification of the associated risks working 'on or near the line'.

The records are updated regularly and therefore Network Rail believe that the contents are reasonably accurate at the time of issue, but some of the information can vary in age and accuracy so for that reason Network Rail will give no warranty as to the suitability of its use. It is recommended that all searches (in particular for buried services) should be conducted together with a site specific risk assessment/site visit, taking into account the requirements of the appropriate track safety rules, rule books/industry standards and so on. Network Rail will accept no liability in respect of the content or subsequent use of the National Hazard Directory or any of the information contained within.

Users of the Directory must note that when working on or near the line that the appropriate requirements of the Rule Book, especially the provisions of the track safety rules, must be applied as appropriate to the activity concerned.

OnTrac Ltd does not warrant the use of the Network Rail National Hazard Directory or any of the information contained within and no representations or warranties are made as to completeness or accuracy of the data. The data should be used for reference purposes only. Accordingly, OnTrac Ltd will accept no responsibility for loss of profit or for any indirect, incidental or consequential damages.

National Hazard Directory**Customised Report**

Search Criteria: ELR(s) = DOW; Mileage From = 17.1406; Mileage To = 18.0027

Date: 20/10/2020

3 Hazards found.

ELR	ELR Name	Mileage From	Mileage To	Hazard Description	Local Name	Track ID	Free Text
DOW		13.0044	17.1540	COSS or IWA may not work alone	MEDGE HALL TO KEADBY	All/Multiple Tracks	THIS WALK TO BE DONE BY RED ZONE WITH LOOKOUTS DUE TO THE CURVATURE OF THE TRACK.
DOW		17.0044	17.1650	Landfill Gases	KEADBY POWER STATION KEADBY	Unknown	LANDFILL GAS. This stretch of railway has been identified as being at risk from the migration of landfill gasses. Appropriate precautions should be taken. For further information please contact nationalminingengineer@networkrail.co.uk
DOW	DONCASTER WRAWBY	17.0950	19.1100	COSS or IWA may not work alone	Keadby to Althorpe	All/Multiple Tracks	Restricted Sighting due to Curvature of Track, ALL LINES, and Structures.

User Drawn Polygon / Area of Interest - Order ID : 71956

Legend

- Company Ownership
- Freehold Ownership
 - Leasehold Ownership
 - Prohibitive Interest
 - Bridge (Rail over Rail)
 - Bridge (Rail over River)
 - Bridge (Rail over Road)
 - Bridge (Road over Rail)
 - Level Crossing
 - Tunnel
 - Order Polygon



Nearest station:
Althorpe Stn

Order ID: 71956

Order Ref: 71956
Plot Scale: 1:2500
Page Index: 1
Centre X, Y: 482262, 411797
Plot Date: 09/10/20



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Ordnance Survey 0100040692

Buddi Spandana

From: Murray Sandra on behalf of NRG Enquiries
Sent: 21 October 2020 13:28
To: Fuller Dain
Subject: Buried Services Search: 71956
Attachments: 71956 Results.xlsx; 71956.zip

OFFICIAL

Good Afternoon,

Thank you for your recent enquiry for buried services records from the NRG.

With reference to:

Project Number - N/a

Project Name/Location - Keady Power Station West

	No Network Rail records have been found
2	Record(s) sent via email *
	Record(s) sent via CD/DVD *
	Record(s) sent via following hyperlink *

*** This hyperlink has been sent to you as the 'Customer'. This link cannot be shared with anyone else, you will need to contact us at NRGEnquiries@networkrail.co.uk to arrange alternate access. Please note it takes up to 10 minutes for your records to be uploaded to the Civils Digital Transfer Site. If you attempt to access immediately, it may result in a failed attempt to extract the records.*

All other aspects including the Utility Companies search results will be sent to you separately by the Worksite Survey Team.

Please direct all queries to WorksiteSurveyTeam@networkrail.co.uk.

* Please note that a copy of your request will only be kept by the NRG for **4 weeks**. You must notify the NRG within this timeframe if you do not download the records or there are any issues. After this time, your request must be re-submitted quoting the unique ID reference number which is indicated in the subject header of this e-mail. This will then be logged and dealt with in accordance with our Service Level Agreements.

Kind regards,

National Records Group



National Record Centre | Audax Road | Clifton Moor | York YO30 4US

NRGEnquiries@networkrail.co.uk

www.networkrail.co.uk

SE 8212
ADJOINING
SHEET
NUMBERS
SE 8211
SE 8210
SE 8311

SE 8211 HV see LV



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scale
1:2500

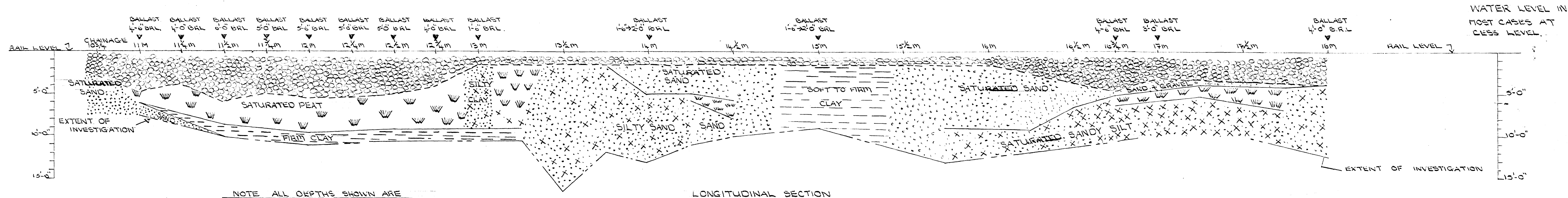
mains record sheet
SE 8211



YORKSHIRE ELECTRICITY GROUP plc
The position of our equipment is shown on this plan as accurately as possible. However it may have changed since the plan was produced. Therefore the position of our equipment and those of service cables, which may not be shown, should be established on site.
Other electricity cables, not owned by ourselves may also be laid in the area shown on this plan. Information on these can be obtained from the owners.
ALAN HOWSON — System Data Manager

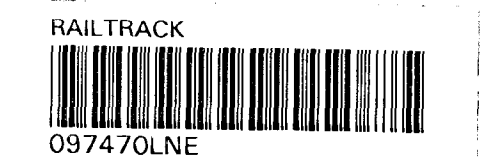
Don - Scun
16 DEC 1993
18

DONCASTER TO GRIMSBY LINE.



NOTE ALL DEPTHS SHOWN ARE
RELATIVE TO RAIL LEVEL
AT PLACE OF INVESTIGATION

LONGITUDINAL SECTION



BRITISH RAILWAYS BOARD				NORTH EASTERN REGION			
BRITISH RAILWAYS CHIEF CIVIL ENGINEER'S DEPT				SECTION			
REVISED		DONCASTER TO GRIMSBY LINE					
		FORMATION INVESTIGATION TO DETERMINE DEPTH OF PEAT					
DESIGNED	CORRECTED	CHECKED	APPROVED	SCALES			
Drawn	REP.			DES NO			
Traced	REP.			CES NO	71/110/701		
CHIEF CIVIL ENGINEER							

Joe Goodchild

From: Carly Pidd <Carly.Pidd@northlincs.gov.uk> on behalf of Highway Maintenance
<Highway.Maintenance@northlincs.gov.uk>
Sent: 13 October 2020 09:56
To: Joe Goodchild
Subject: Fw: Plant Enquiry - Keady Power Station West
Attachments: Plant Enquiry - Keady Power Station West.pdf

Good morning

Street lighting have no assets in this location

Mark
Mark Theakstone
Street Lighting Officer
North Lincolnshire Council,
8-9 Billet Lane,
Normanby Enterprise Park,
Scunthorpe,
North Lincolnshire
DN15 9YH



In uncertain times... Bring certainty to a child's life. Be their family.

#youcanadopt Give us a call or go to our website to find out more

01724 297024

www.northlincs.gov.uk/adoption

Ofsted Outstanding Provider

North Lincolnshire Council

From: Joe Goodchild <joe.goodchild@premierenergy.co.uk>
Sent: 09 October 2020 12:58
To: Highway Maintenance
Subject: Plant Enquiry - Keady Power Station West

Dear Highway Maintenance,
Please search the following location for any council owned plant including street lighting, highways drainage or fibre:

Joe Goodchild

From: Carly Pidd <Carly.Pidd@northlincs.gov.uk> on behalf of Highway Maintenance
<Highway.Maintenance@northlincs.gov.uk>
Sent: 13 October 2020 09:55
To: Joe Goodchild
Subject: Fw: Plant Enquiry - Keady Power Station West

Good morning

Further to the above plant enquiry, I can confirm North Lincolnshire Council have no records of any highway structures within the identified area of interest.

Regards

Sarah Henson
Technical Assistant – Strategy & Client Services
Highways & Neighbourhoods
Tel: 01724 296372



In uncertain times... Bring certainty to a child's life. Be their family.

#youcanadopt Give us a call or go to our website to find out more

01724 297024

www.northlincs.gov.uk/adoption

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North Lincolnshire Council



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Ofsted Outstanding Provider

North Lincolnshire Council



From: Joe Goodchild <joe.goodchild@premierenergy.co.uk>
Sent: 09 October 2020 12:58
To: Highway Maintenance
Subject: Plant Enquiry - Keady Power Station West

Dear Highway Maintenance,
Please search the following location for any council owned plant including street lighting, highways drainage or fibre:
Bonnyhale Road, Keadby, North Lincolnshire, DN17 3ER
[482033,411946]