



Ivybridge
Town
Council



PRE CONSTRUCTION INFORMATION

FILHAM PARK ACCESS ROAD AND CAR PARK

FOR

IVYBRIDGE TOWN COUNCIL

30 January 2024

Job No: 15818

John Grimes Partnership Ltd ♦ Leonards Road Ivybridge Devon PL21 0RU
Tel: 01752 690533 ♦ www.johngrimes.co.uk ♦ post@johngrimes.co.uk ♦ Registration No: 4184549

Directors:

M Owen BSc (Hons) CGeol, RoGEP, EurGeol, AMICE, FGS ♦ **J Grimes** BSc MSc PhD CEng FICE FGS IMaPS ♦ **T Grimes** BSc (Hons)

Associate Directors:

R Glover BEng (Hons), CEng MICE ♦ **J Lings** MEng CEng MStructE

A Robertson BEng (Hons) ACSM, FGS ♦ **R Smith** BSc (Hons) CGeol CSci FGS SILC



CONTENTS

FOREWORD

- 1.0 LOCATION
- 2.0 DUTY HOLDERS
- 3.0 NOTIFICATION OF THE PROJECT TO THE HSE
- 4.0 NATURE OF WORK
- 5.0 PROGRAMME
- 6.0 HEALTH AND SAFETY GOALS
- 7.0 EXISTING ENVIRONMENT
- 8.0 EXISTING SERVICES
- 9.0 EXCLUSION ZONES
- 10.0 SITE SPECIFIC HAZARDS
- 11.0 ASBESTOS
- 12.0 CONSTRUCTION PHASE PLAN
- 13.0 CONTINUING LIAISON
- 14.0 REPORTING AND CONTROL OF HEALTH AND SAFETY
- 15.0 SITE REQUIREMENTS
- 16.0 SITE RULES
- 17.0 HEALTH AND SAFETY FILE
- 18.0 OPERATIONS AND MAINTENANCE MANUALS AND OPERATIONAL TRAINING

APPENDICES

- | | |
|------------|--|
| Appendix A | Previous Utilities Search |
| Appendix B | Method Statements and Risk Assessments – General Guide to Contents |
| Appendix C | Requirements of the Construction Phase Plans |
| Appendix D | Requirements of the Health & Safety File |

FOREWORD

The purpose of the document is to provide designers and contractors who the client may wish to engage with the project specific health and safety information needed to identify hazards and risks associated with the design and construction work.

It is assumed that Contractors have a working knowledge of Health and Safety requirements relative to CDM and the Construction Industry. Information contained in the relevant Codes of Practice and other Documentation is not repeated in the Pre-Construction Information.

The Principal Contractor will be required to prepare a Construction Phase Plan (see checklist Appendix C).

The client must ensure the Construction Phase Plan is drawn up before work commences on site.

1.0 LOCATION

The site address is: Filham Park
Godwell Lane
Ivybridge
Devon
PL21 0LE

National Grid Reference SX 64111, 55470

2.0 DUTY HOLDERS

CLIENT	
<i>Ivybridge Town Council Town Hall Erme Court Leonards Road Ivybridge PL21 0SZ</i>	<i>Point of contact: Kate Elliott-Turner Town Clerk Tel: 01752 893815 Email: townclerk@ivybridge.gov.uk</i>
PRINCIPAL DESIGNER	
<i>John Grimes Partnership Ltd Leonards Road Ivybridge DEVON PL21 0RU</i>	<i>Point of Contact: Caroline Shipp Tel: 01752 690 533 Email: carolines@johngrimes.co.uk</i>
PRINCIPAL CONTRACTOR	
<i>The main contractor, selected by competitive tender, is to be appointed Principal Contractor.</i>	

3.0 NOTIFICATION OF THE PROJECT TO THE HSE

Under CDM 2015 this project does not require notification to the Health & Safety Executive (HSE). Should this project become notifiable, the Client is required to submit F10 notification to the HSE. A project will become notifiable if:

- the project's lasting longer than 30 days and has more than 20 workers working simultaneously at any point in the project
- construction works exceed 500 man days

If the Contractor considers that the project will be notifiable, he is to inform the Client and Principal Designer immediately.

4.0 NATURE OF WORK

This project comprises patch repairs to the existing access road to Filham Park with localised widening, together with upgrading the footpath from Godwell Lane to the Donkey Sanctuary and resurfacing of the whole road. The works will include the provision of additional signs and road markings. A new height restriction barrier was recently installed and the works will include careful removal and replacement of the height restriction barrier.

5.0 PROGRAMME

It is intended that the works will be carried out in spring 2024.

The proposed contract period is to be confirmed with the appointed Principal Contractor.

6.0 HEALTH AND SAFETY GOALS

It is the intention of the client within the meaning of the Construction (Design and Management) Regulations 2015 (CDM) that this project will be conducted at all times with the safety and health of employees, the contractors and their employees, and members of the public foremost in its planning.

The Principal Contractor is to embody the above principle by:

- Making safety a priority.
- Demonstrating competency in relation to health and safety matters.
- Careful planning of the project.
- Effective communication between parties.
- Minimising the hazards of the Works to all persons on site.
- Providing training and induction.
- Effective supervision.
- Regular safety inspections.
- Promoting cooperation by all parties participating in the contract.

The Principal Contractor should provide details of his own health and safety monitoring procedures within the Construction Phase Plan.

This project is to be implemented within the proposed timescale, to the specified design criteria and in accordance with the project specifications, whilst at all times giving due consideration to the health, safety and welfare of all persons affected both directly and indirectly by the project.

The Principal Contractor shall adopt safe methods of working through the adoption of best practice.

The Principal Contractor shall at all times ensure:

- A competent person is employed to manage health, safety and welfare throughout all stages of the project.
- Risk assessments are undertaken, where appropriate, and Method Statements containing safe systems of work are produced.
- Control of Substances Hazardous to Health Regs. (COSHH) assessments are undertaken where appropriate, and Method Statements containing safe systems of work are produced.
- Method Statements are complied with and communicated to all those affected.

- Persons employed on the site, either directly or indirectly are competent and appropriately trained for the tasks they are undertaking.
- All persons affected are made aware of potential hazards and risks that may exist on the site.
- The location of first aid facilities, together with the identity of trained first aiders are made known to all persons on site.
- That Health, Safety and Welfare issues remain a top priority and consequently that all persons employed on and/or visiting the site are made aware of potential hazards and the site rules as contained in Section 16.0 of this plan.

7.0 EXISTING ENVIRONMENT

The Filham Park access road runs from a wide concrete paved entrance off Godwell Lane which is shared with Filham Park Veterinary Clinic. The gate into the Veterinary Clinic is adjacent to the fenced entrance to the bitmac access road.

The surroundings are semi-rural with fields either side of the access road for most of its length and community allotments to the left hand side (north) beyond the Donkey Sanctuary.

From Godwell Lane, the Filham Park access road runs south-eastwards to the entrance to the Ivybridge Donkey Sanctuary to the south. A separate footpath runs from Godwell Lane to the Donkey Sanctuary, separated from the access road by a hedge and from the adjacent field by a fence. Upgrading of this footpath also forms part of the works.

Beyond the Donkey Sanctuary, the access road serves the allotments and Filham Park and car park. There is currently no dedicated footpath along the lower length of the access road.

8.0 EXISTING SERVICES

A Utilities search was carried out in 2019 which is included as Appendix A.

The Principal Contractor must obtain current service drawings and identify all services and take all necessary actions to provide, maintain and inform of safe working arrangements relating to such services.

9.0 EXCLUSION ZONES

No excavation or disposal works to be carried out outside the site boundary.

Any on-site refuelling shall be carried out within a bunded storage area in the works compound.

10.0 SITE SPECIFIC HAZARDS

Generic hazards or risks commonly associated with construction work are not recorded here as all tendering contractors are required to be competent and well used to the processes involved.

Specific matters to be considered for this project are as follows; this list is not exhaustive:

- Maintenance of emergency access to the Donkey Sanctuary at all times
- Maintenance of emergency access to the park and allotments at all times
- Use of the access by various community groups and the general public
- Potential risk associated with spilt fuel and other construction contaminants
- Increased light and noise while construction equipment is onsite

The Principal Contractor should produce detailed method statements detailing how such hazards are to be managed. Appendix B outlines the minimum requirements with regard to the production of method statements and management proposals.

11.0 ASBESTOS

Currently no Asbestos Register exists for this site.

12.0 CONSTRUCTION PHASE PLAN

The Principal Contractor should prepare the Construction Phase Plan, including sketches, identifying his proposals for the site including access, site establishment and storage areas. Requirements of the Construction Phase Plan are presented in Appendix C.

The client shall not permit work to start until a Construction Phase Plan has been developed.

The Principal Contractor must provide welfare facilities at the start and for the duration of the work.

13.0 CONTINUING LIAISON

The Principal Contractor, subcontractors, designers and clients representative shall be available for attendance at and participation in design, review and liaison meetings as deemed necessary throughout the life of the project.

The Principal Designer shall be notified of:

- (a) Any design elements of any Contractor's package which may have Health and Safety implications.
- (b) Any design change which may have implications or affect resources.
- (c) Any unforeseen hazards or occurrences which may be encountered during the construction process having implications on matters of Health and Safety.

The procedure for notifying the Principal Designer would be to contact the person named in Section 2. Written notification is required for record purposes but initial contact by telephone may be advantageous where time is of the essence.

14.0 REPORTING AND CONTROL OF HEALTH AND SAFETY

All reportable accidents, incidents and near misses shall be reported to the Client without delay. Any fatalities or major accidents/incidents shall also be reported to the Client.

All risk assessments, method statements, design statements, etc., shall be stored within the Construction Phase Plan and made available to the client or Principal Designer upon request.

Any information pertinent to the Health and Safety File shall be copied to the Principal Designer.

15.0 SITE REQUIREMENTS

The Principal Contractor shall ensure that safe and secure access is provided to all work areas and that such means of access are readily available and regularly inspected by a competent person.

Separate and dedicated pedestrian access routes and walkways shall be provided around the site in order to provide safe access for site operatives and others around the site. Safe access shall be made available for the Donkey Sanctuary and all Filham Park users (including to the allotments, Cadet Centre, Cricket Club, Football Club and fishing lake) outside working hours and at weekends. Emergency access to the Donkey Sanctuary and for all Filham Park users shall be available at all times. Traffic management signs should be provided where appropriate.

The Principal Contractor should produce method statements and drawings indicating how he intends to manage site traffic to and from the site, including not only site personnel, but also deliveries, traffic control measures and the impact on local residents/businesses.

Site welfare facilities, to be provided by the Principal Contractor, should be sufficient for not only his direct employees, but also for those working on a sub-contract basis, if any. The likely location of these facilities should be identified within the Construction Phase Plan.

Site security is an extremely important issue and secure perimeter fencing will therefore be crucial in limiting and restricting unauthorised access.

If the site is to be left unattended at any time, including during the working day, then the site shall be properly secured with emergency 24 hour contact numbers clearly displayed at the site entrances.

16.0 SITE RULES

The Principal Contractor will be responsible for developing appropriate site rules; in particular it should be noted:

- Smoking is not permitted on the site.
- Working hours to be agreed.
- The Principal Contractor shall regularly undertake and document site safety inspections and audits in a format agreed with the client's safety adviser.
- PPE shall be made available to and maintained for use by all staff, operatives and sub-contractors at all times, where appropriate, whilst present on the site.
- Whilst operating on site, hard hats, safety footwear and high visibility waistcoats/jackets shall be worn at all times.
- Riding on site transport will only be permitted to authorised personnel where proper seating has been provided.
- Access routes, stairways, means of escape and fire exits shall be kept clear and unobstructed at all times.
- All prohibition and warning signs shall be obeyed at all times.
- The Principal Contractor shall ensure that all staff, operatives, sub-contractors and visitors have received a site safety induction prior to being allowed onto the site. A copy of the site rules is to be issued to each individual present at the site safety inductions.
- All visitors to the site shall visit the site office to sign in. Before proceeding onto the site, the Principal Contractor shall advise them of any hazards on the site and ensure that the appropriate PPE is worn. Before leaving the site, all visitors shall report to the site office to sign themselves out.

- The site shall be kept clean, with noise and dust levels being controlled to within the specified limits.
- 'Hot Work' will only be permitted under the use of a Hot Work Permit.
- No 'Hot Work' involving blow-lamps, welding or burning equipment, etc., may be carried out during the last two hours of the working day. The Principal Contractor shall inspect such work locations immediately before he vacates site. (Alternatively, the site must remain supervised for 2 hours after 'Hot Work' has been carried out.)
- Class 3A and 3B laser equipment may not be used without a detailed method statement. Class 1 or 2 laser equipment must not be set with the beam at eye level. Notices and advice regarding the hazards related to the use of lasers shall be given to all operatives.
- All approach and access roads shall be kept clean and free from spoil and debris at all times.
- Only competent and trained electricians shall be permitted to work on electrical services and devices.
- Plant operatives must be certified by a recognised authority e.g. CITB, CSCS, CPCS, CSR, CTA, and valid certificates produced on request and a copy kept for site record.
- Fires and the burning of waste shall not be permitted on the site.
- All site generators, equipment and machinery shall not exceed specified noise levels when operating.
- All statutory requirements shall be conformed with, e.g. the electricity at work, PPE, COSHH, noise at work and Construction Regulations.
- A formal reporting and recording system shall be provided for any accidents or incidents that may occur.
- The site shall be kept clear to permit emergency vehicles to have access to all parts of the site, at any time.
- The Principal Contractor shall adopt the principles of 'A tidy site is a safe site', through the implementation of good housekeeping and organisation.
- Procedures covering the control of deliveries shall be used to avoid random drops all over the site.
- Sufficient first aid provisions shall be provided and maintained at clearly identified points around the site.

Other rules as deemed necessary by the Client, Principal Designer or Project Manager may, if considered necessary for reasons of safety, may be imposed on the Principal Contractor.

17.0 HEALTH AND SAFETY FILE

The Principal Contractor is to collect relevant information for inclusion in the Health and Safety File. All such information gained by the Principal Contractor during the construction and commissioning phases of the project is to be stored and available for inspection. This will be presented to the Principal Designer prior to completion of the project such that the Principal Designer can compile and deliver the completed Health and Safety File to the Client.

Requirements of the Health & Safety File is presented in Appendix D.

18.0 OPERATIONS AND MAINTENANCE MANUALS AND OPERATIONAL TRAINING

Where appropriate, fully approved and comprehensive O&M manuals shall be provided before the facility is taken over by the Client. The O&M manuals will form an integral part of the Health & Safety File for the project and will need to be made available to the Principal Designer during the compilation of the Health & Safety File.

APPENDIX A

PREVIOUS UTILITIES SEARCH (2019)

Utilities Search Report



Tuesday, 17 Sep 2019
John Grimes Partnership Ltd
15818
Filham Access Road

91 Market Street Hoylake Wirral CH47 5AA
Tel. 0151 632 5142
enquiries@cornerstoneprojects.co.uk
www.cornerstoneprojects.co.uk
VAT Reg. No. 851 4941 19
Company No. 5132353

Table of contents:

Utility / Service	Included	Utility / Service	Included
Basic Search		Independent Utilities	
Gas	Yes	GTC	Not Requested
Water	Yes	Energetics	Not Requested
Sewers	Yes	SSE	Not Requested
BT	Yes	Harlaxton	Not Requested
Electricity	Yes	Utility Assets	Not Requested
3rd Party Searches*	Yes	UK Power Distribution	Not Requested
		Albion Water	Not Requested
Cable Search		Leep Utilities	Not Requested
Vodafone	Not Requested	ESP	Not Requested
Virgin Media	Yes	Fulcrum Pipelines	Not Requested
GTT	Not Affected	Energy Assets	Not Requested
BSkyB	Yes		
Colt	Yes		
KPN	Yes		
Sota	Not Affected		
CGI Logica	Not Affected	Others	
Energetics	Yes	CAD Pack	Not Requested
City Fibre	Yes	Smart pdf	Not Requested
Telia Sonera	Not Affected	Coal Authority Report	Not Requested
Instalcom**	Yes	Others	Not Requested
KCom	Not Affected		
Verizon	Yes		
Trafficmaster	Not Affected		
Zayo Group	Not Affected		
Tata Communications	Not Affected		
Gamma	Not Affected		
Gigaclear Plc	Not Affected		
*Includes Utilibilly and Linesearch			
**Includes Level3, GC(UK) Ltd, GC PEC, Fibrenet UK and Fibrespan			
NB: All plans / responses are valid for a maximum of three months unless noted otherwise			

AREA PLAN



PRINT

GAS

**Company Address**

Wales and West Utilities Ltd,
Wales and West House,
Spooner Close, Celtic,
Springs, Coedkernew,
Newport, NP10 8FZ

Our Ref: 16449980 15818

Wednesday, 11 September 2019

Duncan Phillips
91 Market Street
Hoylake
Merseyside
CH47 5AA

Dear Duncan Phillips

Thank you for contacting us regarding Wales & West Utilities equipment at the above site.

I enclose an extract from our mains records of the area covered by your proposals together with a comprehensive list of General Conditions for your guidance. This information is given as a general guide and its accuracy cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc., are not shown but their presence should be anticipated.

Where the Wales & West Utilities (WWU) plan includes a warning label about our higher pressure apparatus you must contact the WWU dig team for further guidance. If it is deemed that a site visit is required for this location we require a minimum of 10 days' notice to arrange a site visit for our engineers to give further guidance. Depending upon the nature of the works the site visit may be deemed chargeable.

No liability of any kind whatsoever is accepted by Wales and West Utilities (WWU), its agents or servants for any error or omission. Please note that all WWU equipment on site should be assumed to be LIVE until proven otherwise.

Safe digging practices, in accordance with HS(G)47, Avoiding Danger from underground services 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. Safe working procedures should be defined and practiced.

WWU reserves its position completely to enforce the terms of any easement against the landowner, even if this results in any planning permission granted not being able to be fully implemented.

Wales & West Utilities have no planning objections to these proposals, although it should be noted that Wales & West's apparatus is held pursuant to easements and it has other private law rights in relation to the use of the land in the vicinity of its apparatus. Wales & West's private law land rights are not material planning considerations and therefore no comment is made in relation to those rights and they have no impact on whether or not planning permission should be granted, or whether, if permission is granted, it can lawfully be implemented. It should also be noted that Wales & West's apparatus may be at risk during construction works and should the planning application be approved, then we require the promoter of these works to contact us directly to discuss our requirements in detail. Should diversion works be required these will be fully chargeable.

You must not build over any of our plant or enclose our apparatus.

Where diversions to WWU apparatus are needed to allow change to occur on site, the cost of these alterations may be charged to the persons responsible for the works.

**Company Address**

Wales and West Utilities Ltd,
Wales and West House,
Spooner Close, Celtic,
Springs, Coedkernew,
Newport, NP10 8FZ

If you have requested a new connection the WWU connections team will where necessary prepare detailed proposals and provide a quotation for any necessary alterations and/or development of our equipment on the site.

If you require advice in connection with your proposals please contact the relevant number below.

Yours sincerely,
WWU Dig Team

Gas Emergency Number:

In an emergency call 0800 111 999, 24 hours a day.

Mapping Enquiries:

If you have an enquiry relating to this letter or the attached map plan, please contact us using the following information:

Telephone 02920 278912
Email dig@wwutilities.co.uk

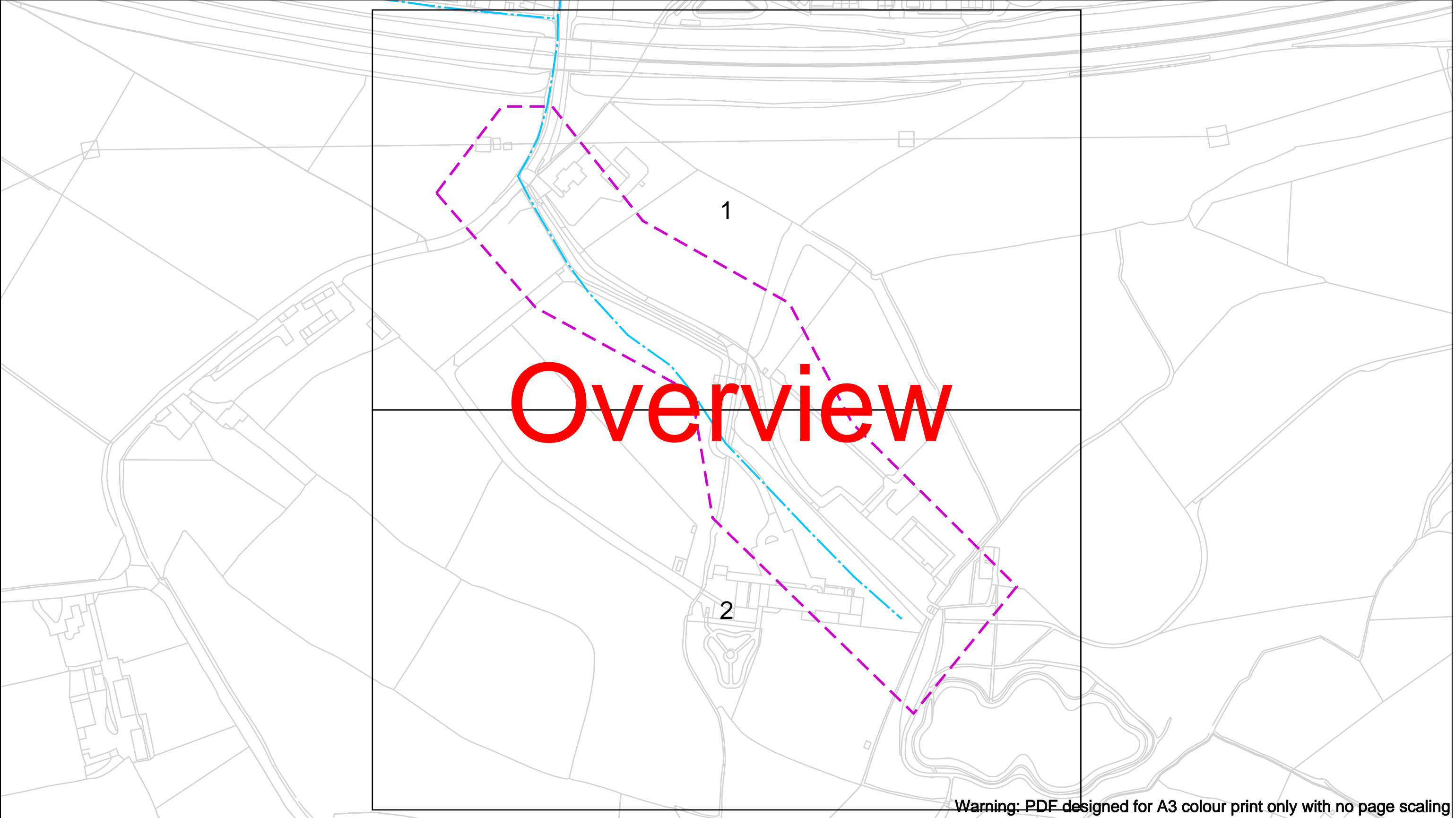
General Enquiries:

If you have a general enquiry, please call us on the following number
All areas 0800 912 29 99

LinesearchbeforeUdig:

If you have an enquiry relating to the use of the LinesearchbeforeUdig website please contact LinesearchbeforeUdig using the following information:

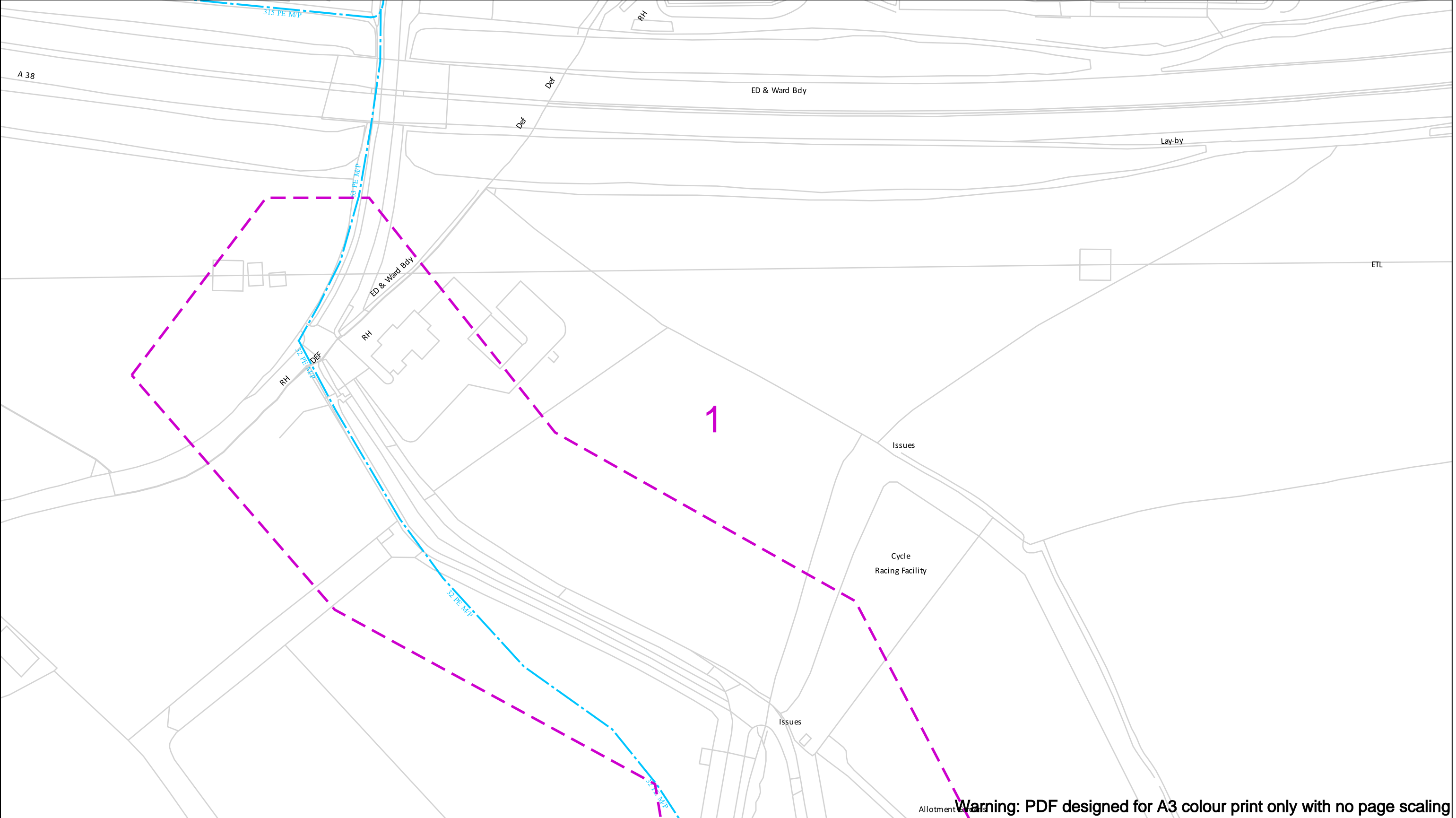
Telephone 0845 437 7365
Email enquiries@linesearchbeforeudig.co.uk
Website www.linesearchbeforeudig.co.uk



Warning: PDF designed for A3 colour print only with no page scaling

<p>Contact Us Mapping Enquiries: 02920 278 912 General Enquiries: 0800 912 2999</p> <p>Date Requested: 11/09/2019 Job Reference: 16449980 Site Location: XY= 264247, 55324 Requested by: Mr Duncan Phillips Your Scheme/Reference: 15818</p> <p>Scale: 1:2563 (When plotted at A3)</p>	<p>EXTREME CAUTION. Major Accident Hazard Pipeline in Vicinity **RISK OF DEATH OR SERIOUS INJURY** Prior to excavation starting you must contact the plant protection team on 02920 278912</p> <p>IMPORTANT NOTICES</p> <ul style="list-style-type: none">• This information is given as a guide only and its accuracy cannot be guaranteed• The plan only shows those pipes owned by Wales & West Utilities (WWU) as its role as a licensed Gas Transporter• Service pipes, valves, syphons, stub connections etc. may not be shown but their presence should be anticipated• You must use safe digging practices in accordance with HS(G)47 to establish the actual position of mains, services and other apparatus before any mechanical excavation is used• It is your responsibility to ensure this information is provided to all persons working near our plant• If in doubt call the WWU dig team on 02920 278912	<p>In case of an emergency call 0800 111 999</p> <table><tr><td><p>Dig Sites</p><p>—————</p><p>- - - - -</p><p>- . - . -</p><p>- . - . -</p><p>- . - . -</p></td><td><p>Area: Line: </p><p>Low Pressure (LP) 21mbar – 75mbar</p><p>Medium Pressure (MP) 350mbar – 2bar</p><p>Intermediate Pressure (IP) 2bar – 7bar</p><p>High Pressure (HP) >7bar</p></td><td><p>⌵</p><p>⌵</p><p>⌵</p><p>⌵</p><p>⌵</p></td><td><p>Line/Fire Valve</p><p>Governor Station</p><p>Change of Diameter</p><p>End Cap</p><p>Depth of cover</p></td></tr></table>	<p>Dig Sites</p> <p>—————</p> <p>- - - - -</p> <p>- . - . -</p> <p>- . - . -</p> <p>- . - . -</p>	<p>Area: Line: </p> <p>Low Pressure (LP) 21mbar – 75mbar</p> <p>Medium Pressure (MP) 350mbar – 2bar</p> <p>Intermediate Pressure (IP) 2bar – 7bar</p> <p>High Pressure (HP) >7bar</p>	<p>⌵</p> <p>⌵</p> <p>⌵</p> <p>⌵</p> <p>⌵</p>	<p>Line/Fire Valve</p> <p>Governor Station</p> <p>Change of Diameter</p> <p>End Cap</p> <p>Depth of cover</p>	<p> WALES & WEST UTILITIES</p> <div><p>Smell gas? Call the Gas Emergency Service on 0800 111 999.</p><p> Dial before you dig</p><p>We need 10 days' notice</p><p>Go ahead Done your research? Now you can dig safely.</p></div>
<p>Dig Sites</p> <p>—————</p> <p>- - - - -</p> <p>- . - . -</p> <p>- . - . -</p> <p>- . - . -</p>	<p>Area: Line: </p> <p>Low Pressure (LP) 21mbar – 75mbar</p> <p>Medium Pressure (MP) 350mbar – 2bar</p> <p>Intermediate Pressure (IP) 2bar – 7bar</p> <p>High Pressure (HP) >7bar</p>	<p>⌵</p> <p>⌵</p> <p>⌵</p> <p>⌵</p> <p>⌵</p>	<p>Line/Fire Valve</p> <p>Governor Station</p> <p>Change of Diameter</p> <p>End Cap</p> <p>Depth of cover</p>				

Crown Copyright © - Reproduced by permission of Ordnance Survey on behalf of HMSO. And database right 2018. All rights reserved. Ordnance Survey Licence number 0100044308.



Warning: PDF designed for A3 colour print only with no page scaling

Contact Us
Mapping Enquiries: 02920 278 912
General Enquiries: 0800 912 2999

Date Requested: 11/09/2019
Job Reference: 16449980
Site Location: XY= 264247, 55324

Requested by:
Mr Duncan Phillips
Your Scheme/Reference: 15818

Scale: 1:1250 (When plotted at A3)

EXTREME CAUTION. Major Accident Hazard Pipeline in Vicinity
****RISK OF DEATH OR SERIOUS INJURY****
Prior to excavation starting you must contact the plant protection team on 02920 278912

IMPORTANT NOTICES

- This information is given as a guide only and its accuracy cannot be guaranteed
- The plan only shows those pipes owned by Wales & West Utilities (WWU) as its role as a licensed Gas Transporter
- Service pipes, valves, syphons, stub connections etc. may not be shown but their presence should be anticipated
- You must use safe digging practices in accordance with HS(G)47 to establish the actual position of mains, services and other apparatus before any mechanical excavation is used
- It is your responsibility to ensure this information is provided to all persons working near our plant
- If in doubt call the WWU dig team on 02920 278912

In case of an emergency call 0800 111 999

Dig Sites

Area: Line:

Low Pressure (LP) 21mbar – 75mbar

Medium Pressure (MP) 350mbar – 2bar

Intermediate Pressure (IP) 2bar – 7bar

High Pressure (HP) >7bar

Line/Fire Valve

Governor Station

Change of Diameter

End Cap

Depth of cover

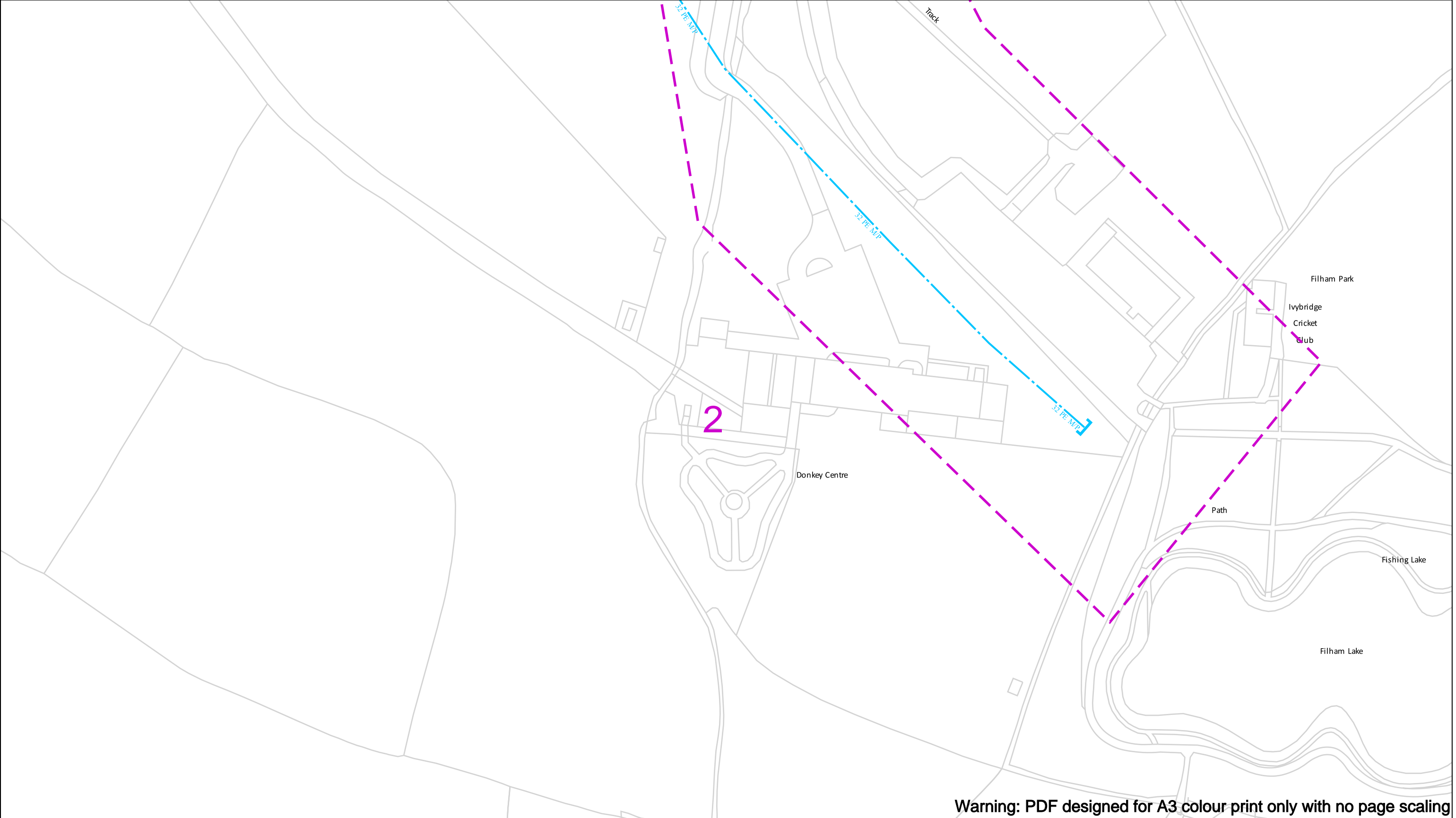
Smell gas?
Call the Gas Emergency Service on
0800 111 999.

Dial
before
you dig

We need
10 days' notice

Go ahead
Done your research?
Now you can dig safely.

Crown Copyright © - Reproduced by permission of Ordnance Survey on behalf of HMSO. And database right 2018. All rights reserved. Ordnance Survey Licence number 0100044308.



Warning: PDF designed for A3 colour print only with no page scaling

<p>Contact Us Mapping Enquiries: 02920 278 912 General Enquiries: 0800 912 2999</p> <p>Date Requested: 11/09/2019 Job Reference: 16449980 Site Location: XY= 264247, 55324 Requested by: Mr Duncan Phillips Your Scheme/Reference: 15818</p> <p>Scale: 1:1250 (When plotted at A3)</p>	<div><div>EXTREME CAUTION. Major Accident Hazard Pipeline in Vicinity **RISK OF DEATH OR SERIOUS INJURY** Prior to excavation starting you must contact the plant protection team on 02920 278912</div><div>IMPORTANT NOTICES</div><ul style="list-style-type: none">This information is given as a guide only and its accuracy cannot be guaranteedThe plan only shows those pipes owned by Wales & West Utilities (WWU) as its role as a licensed Gas TransporterService pipes, valves, syphons, stub connections etc. may not be shown but their presence should be anticipatedYou must use safe digging practices in accordance with HS(G)47 to establish the actual position of mains, services and other apparatus before any mechanical excavation is usedIt is your responsibility to ensure this information is provided to all persons working near our plantIf in doubt call the WWU dig team on 02920 278912</div>	<div><div>In case of an emergency call 0800 111 999</div><div><div><div>Dig Sites</div><div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div>Area: <div></div> Line: <div></div></div><div><div>Low Pressure (LP) 21mbar – 75mbar</div><div>Medium Pressure (MP) 350mbar – 2bar</div><div>Intermediate Pressure (IP) 2bar – 7bar</div><div>High Pressure (HP) >7bar</div></div></div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div>Line/Fire Valve</div><div>Governor Station</div><div>Change of Diameter</div><div>End Cap</div><div>Depth of cover</div></div></div></div></div></div>	<div><div><div><div></div><div>WALES&WEST UTILITIES</div></div><div><div>Smell gas? Call the Gas Emergency Service on 0800 111 999.</div><div><div>Dial before you dig</div><div>We need 10 days' notice</div></div><div><div>Done your research? Now you can dig safely.</div></div></div><div><div>Call 029 2027 8912 before you start work.</div><div><div>Investigate</div><div>Before you dig, make sure you know what's below.</div></div></div></div></div>
--	---	---	--

Crown Copyright © - Reproduced by permission of Ordnance Survey on behalf of HMSO. And database right 2018. All rights reserved. Ordnance Survey Licence number 0100044308.

Wales & West Utilities Limited

General Conditions to be observed for the Protection of Apparatus and the Prevention of Disruption to Gas Supplies.

General conditions affecting the design, construction or maintenance of services and/or structures or other works in the vicinity of Wales & West Utilities (WWU) plant, pipelines and associated installations:

These general conditions apply only to the gas apparatus and pipes operated by WWU. It is possible that there may be other gas transporters with apparatus in the vicinity, therefore you should ensure that you have made enquiries of them and have complied with their requirements.

1. GRAPHIC REPRESENTATION OF GAS MAINS

Any plans supplied or marked up by WWU will indicate the **APPROXIMATE** location of its apparatus. This information is provided as a general guide only; its accuracy cannot be guaranteed and is given without obligation or warranty. Service pipes are not shown but their presence should be anticipated. No liability whatsoever is accepted by WWU, its agents or servants for any error, omission, discrepancy or deviation. Plans on site should be current, i.e. no older than 28 days from the date of issue. Gas pipes owned by other Gas Transporters, or otherwise privately owned, may be present in this area (pink areas indicated on our plans). Information with regard to such pipes should be obtained from the relevant owners.

Should you require assistance on site locating WWU apparatus, please contact our Plant Protection Team on **02920 278912**.

2. METHODS OF WORKING

The following methods of work shall not normally be permitted within the limits of distance indicated (relative to the established pipe position). Any variances must have consent from WWU before works commence on site:

Mechanical Excavation	3m (1m for low pressure mains)	Hydraulic Testing	8 m
Piling / Pile removing / Boring	15m	Welding or other hot works*	15m
Directional Drill Operations	15m	Explosives	250m

* NOTE: Welding or other hot works involving naked flames shall be carried out at a safe distance to the satisfaction of a WWU Engineer. A check should be made prior to the commencement of works, to ensure a gas free atmosphere exists. It is also necessary to monitor the atmosphere at regular intervals for the duration of the works. In no case shall such activities take place in any Wales & West Utilities Easement without the written consent and in the presence of a WWU representative.

WWU must be consulted prior to carrying out any excavation work within **10m** of any above or below ground gas installations or pipeline. No excavation works may commence within **50m** of a High Pressure or Very High Pressure Pipeline unless the pipeline has been located by tracing and its precise route identified.

In addition to the above methods of working, WWU must be contacted prior to any External Wall Installation (EWI) schemes, proposed solar farms and wind turbine installations.

No work shall be undertaken near, nor heavy plant or equipment moved over, any gas pipeline or apparatus until all of the conditions specified by WWU have been complied with.

Where WWU have apparatus in the vicinity of your work, any damage to it could have serious consequences. In view of this and in the interests of safety, a meeting should be arranged before the commencement of work on site between WWU representatives, representatives of the promoting authority, the contractors and any other interested parties. At this meeting the suggested program of site works and plant safety should be discussed. It is essential that this meeting is convened well in advance of commencement on site. Access to WWU plant and facilities for inspection by WWU staff must not be affected. Where formal consent has been given, **A MINIMUM OF SEVEN DAYS NOTICE IS REQUIRED** before carrying out work in WWU easements, or the appropriate notice under the New Roads & Street Works Act (NRSWA) where existing plant is situated within the public highway.

Further guidance can also be sought from the document **HS(G)47 – Avoiding Danger from Underground Services** from the HSE website.

3. PROXIMITY OF OTHER PLANT

A minimum clearance of **600 millimetres (mm)** should be allowed between all plant being installed and an existing gas main operating above 2 bar medium pressure (MP), whether the adjacent plant is parallel to or crossing the gas pipe. For mains operating at MP or below, this distance can be reduced to 300mm. **NO APPARATUS SHOULD BE LAID OVER AND ALONG THE LINE OF A GAS PIPE, IRRESPECTIVE OF CLEARANCE.**

No manhole or chamber shall be built over or around a gas pipe and no work should be carried out which results in a reduction of cover or protection over a pipe without consultation with and the agreement of WWU staff.

4. PROTECTION

Where any works cross or run in close proximity to WWU apparatus, periodic visits must be made by a WWU engineer. His requests for protection or support to the apparatus shall be immediately observed.

Suitably designed crossing points are to be constructed to the satisfaction of a WWU Engineer. These crossing points shall be clearly indicated by the erection of bunting and crossings at other places should be prevented.

Backfill material adjacent to WWU apparatus shall be soft fill or sand, containing no stones, bricks, or lumps of concrete etc., placed to a minimum 150mm around the mains and is to be well compacted by hand. No power consolidation shall take place above the main until 300mm of soft fill has been compacted by hand.

Wales & West Utilities Limited

5. DAMAGE TO COATINGS

Where a gas pipe is coated with special wrapping and this is damaged, even to a minor extent, WWU must be notified so that repairs can be made to prevent future corrosion and subsequent leakage. **WHERE MINOR DAMAGE TO COATING IS REPORTED TO WWU PRIOR TO BACKFILL, THE NECESSARY REPAIR WILL BE MADE FREE OF CHARGE.**

6. CATHODIC PROTECTION

Where WWU apparatus is cathodically protected either by sacrificial anode or impressed current systems and where new apparatus is to be laid and is to be similarly protected, WWU will require to carry out interaction tests to determine whether its own system is adversely affected. The cost of any mutually agreed remedial action will be recharged to the authority installing the new apparatus. If any bond wires, test leads etc., used in connection with cathodic protection systems are damaged or found to be in poor condition, broken or disconnected, WWU must be notified prior to backfilling so that a repair can be made.

7. HOT WORKS

Even when a gas free atmosphere exists care must be taken when carrying out hot works in close proximity to gas plant in order to ensure that no damage occurs. Particular care must be taken to avoid damage by heat or naked flames to plastic gas pipes or to the protective coatings on other pipes.

8. DEMOLITION

Live gas services must be disconnected **PRIOR** to demolishing any property, arrangements must be made for WWU to check for the presence of any live gas services.

9. TREE PLANTING

WWU must be contacted prior to all tree-planting works above or near our apparatus. Further information can then be made available.

10. DEEP EXCAVATIONS

Any work involving deep excavations (1.5m or more) will be subject to the "Model Consultative Procedure for Pipeline Construction involving Deep Excavations". This may require the diversion of WWU apparatus prior to the commencement of your works. Detailed plans and cross sections will be required in order to determine the effect of these works on WWU apparatus.

11. RENEWABLE ENERGY INSTALLATIONS

Wind Turbines – WWU must be advised of any planned development of wind turbines in the vicinity of an above 2 bar gas pipelines to ensure the development does not impact on the future safe operation of the pipeline. Industry guidance states that any wind turbine must be sited no closer than 1.5 times the proposed height of the turbine mast away from the nearest edge of the pipeline.

Solar Farms – WWU must be contacted regarding planned solar farms being considered in the vicinity of WWU gas pipelines.

EWI – WWU must be contacted regarding any EWI scheme to ensure the scheme does not impact upon WWU's apparatus.

12. LEAKAGE FROM GAS MAINS OR SERVICES

If damage or leakage is caused or an escape of gas is smelt or suspected the following action should be taken at once:

- Remove all personnel from the immediate vicinity of the escape.
- Inform the 24hr Gas Emergency Service on **0800 111 999**
- Prevent any approach by the public, prohibit smoking, and extinguish all naked flames or other sources of ignition for at least 15 metres from the leakage. Do not operate any electrical switches in the vicinity of the escape.
- Assist gas personnel, Police and/or Fire Services as requested.

**IN THE EVENT OF A LEAK, OBSERVE THE ABOVE BUT DO NOT ATTEMPT TO SEAL THE LEAK
REMEMBER - IF IN DOUBT; SEEK ADVICE FROM WWU**

13. BUILDING PROXIMITIES

There are minimum proximity distances for buildings from WWU mains depending on both the operating pressure and the material of the main. Advice should be sought from WWU prior to building works taking place to confirm these distances. For High Pressure pipelines you must seek further guidance from the HSE and Local Authority Planning team regarding their PADHI distances regarding building proximities as these may be in addition to WWU proximity distances for a pipeline.

Temporary buildings should not be placed above any gas pipe or within 3.0 metres of mains operating above 75mbar (medium, intermediate and high pressure mains) during construction activities and in no circumstances should permanent structures be built over any pipe transporting gas.

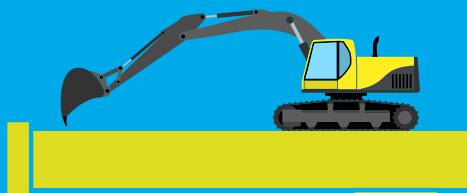
14. SITE RESPONSIBILITIES

All costs incurred by WWU for the repair of direct or consequential damage to gas plant will be rechargeable (with the exception of paragraph 5). WWU reserves the right to divert any affected apparatus or alternatively specify suitable protection of its apparatus. If proved necessary during the course of site works, the cost of which will be chargeable.

The above requirements do not relieve you of the responsibility of taking all precautions necessary to safeguard the Company's plant and to avoid risk to persons and property. The persons for whom the works are being undertaken, their servants, agents and contractors shall indemnify WWU servants, agents and contractors against any loss, damage, expenses, claims and actions incurred or brought against Wales & West Utilities, its servants, agents and contractors in consequence of the provision of these works and activities associated therewith or ancillary thereto.

KEY TO MAPS

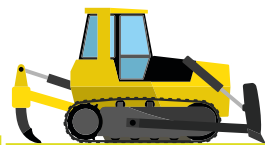
LP	Low Pressure	CI	Cast Iron
MP	Medium Pressure	SI	Spun Iron
IP	Intermediate Pressure	DI	Ductile Iron
HP	High Pressure	PE	Polyethylene
		ST	Steel



Every day, underground gas pipes get damaged by people digging without knowing what's below. This can be catastrophic. It might cause serious injury to you and others around you. The costs of repair, fines and fees can be huge. Your project will be delayed and your reputation damaged.

We have designed this leaflet to help you dig safely. And the first thing to do – long before you start work – is call us.

What's the number?
029 2027 8912



CARD POSITION (DO NOT PRINT)

We're here to
help



Dial
before
you dig

We need
10 days'
notice



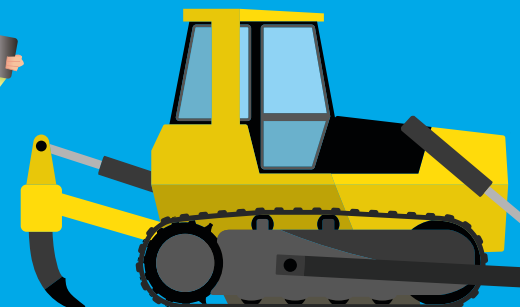
Need help or advice?

Call our **Plant Protection** team on
029 2027 8912
or email **dig@wwutilities.co.uk**



Smell gas?

Call the **Gas Emergency Service** on
0800 111 999.



dig@wwutilities.co.uk



029 2027 8912



www.wwutilities.co.uk



facebook.com/wwutilities



@WWUtilities



Dial
Investigate
Go ahead

**YOUR GAS EMERGENCY
AND PIPELINE SERVICE**



**WALES & WEST
UTILITIES**

Can you DIG it?

We bring the gas to homes and businesses across Wales and the south west of England. We invest money, time and effort every year to make sure our pipelines are protected – but the biggest danger to our network is you.



D is for Dial

Digging can be dangerous. Hit a gas pipe and you might cause a gas leak, a fire or explosion.

So phone us first on **029 2027 8912** or email **dig@wwwutilities.co.uk**

- You can find out where our pipes are.
- You need to give us 10 working days' notice before you start working.



I is for Investigate

It's the only way to stay safe

- Before you start work, you must get a copy of our up-to-date gas plans and General Conditions and keep them with you on site.
- Use our online mapping service to find the mains pipes under your land.
- Working near a medium-, or intermediate- or high-pressure gas pipe? You might need a site visit – call us so we can arrange it.
- Plan ahead – we need at least 10 days' notice for a site visit.
- You'll also need our publication 'SSW22 Safe working in the vicinity of high-pressure pipelines and associated installations'.
- Remember, you can't work on a Wales & West Utilities wayleave or easement (land which we have rights over to maintain our gas network) without written permission.
- And you can't work near or move heavy equipment over any gas pipeline until all our conditions have been met and we agree your method of working.
- Watch the video on our website to find out more.



G is for Go ahead

- Make sure you have our up-to-date gas plans on site.
- Need extra advice? Call our Plant Protection team on **029 2027 8912** or email **dig@wwwutilities.co.uk**
- Use cable- and pipe-locating devices.
- Use safe digging practices, taking every precaution to avoid damaging gas pipes, damaging yourself and damaging your bank balance. You will be billed for any costs if something goes wrong.
- If in doubt, phone us again. We're happy to help.

We need
10 days'
notice



Smell gas?

Our Gas Emergency Service is on call 24 hours a day, seven days a week, 365 days a year.

If you cause a gas leak, or think the network might be leaking, call the Gas Emergency Service immediately on **0800 111 999**.

- Get everyone away from the leak.
- Ask everyone in nearby buildings to leave until we're sure it's safe.
- Put out all naked flames and other sources of ignition and make sure no one smokes within 15 metres of the leak.
- Don't try to fix the leak by filling the hole, as gas may enter buildings.
- Don't try to operate any valves.
- Don't let anyone go near the leak.
- Help our engineers, the police or fire services if they ask.

WATER & SEWER

CORNERSTONE PROJECTS LTD
16 FOREST ROAD
, MOELS
WIRRAL, MERSEYSIDE
CH476AU

UNDERGROUND ASSET INFORMATION

PUBLIC DRAINAGE & WATER

Location:	264247,055325 GODWELL LANE, FILHAM PARK, IVYBR
Report Reference:	GIS/TRW/264/12092019/17
Your Reference:	15818
Date:	12 September 2019
For the Attention of:	D PHILLIPS

Further to your request for information dated 11 September 2019, the Company's apparatus for the above site is shown herewith. South West Water Limited has made all reasonable efforts to ensure the accuracy of this information, but provides it subject to the following conditions:

- Service pipes and drainage connections may not be shown.
- No liability whatsoever is accepted for any inaccuracies or omissions in the information.
- If no reference is made in the information to any interest or right of the Company on any land, this is not to be taken as conclusive evidence that no such interest or right exists.

These reservations are in addition to any statutory regulations which apply.

Source for Searches - A South West Water Service contactus@sourceforsearches.co.uk 0845 330 3401

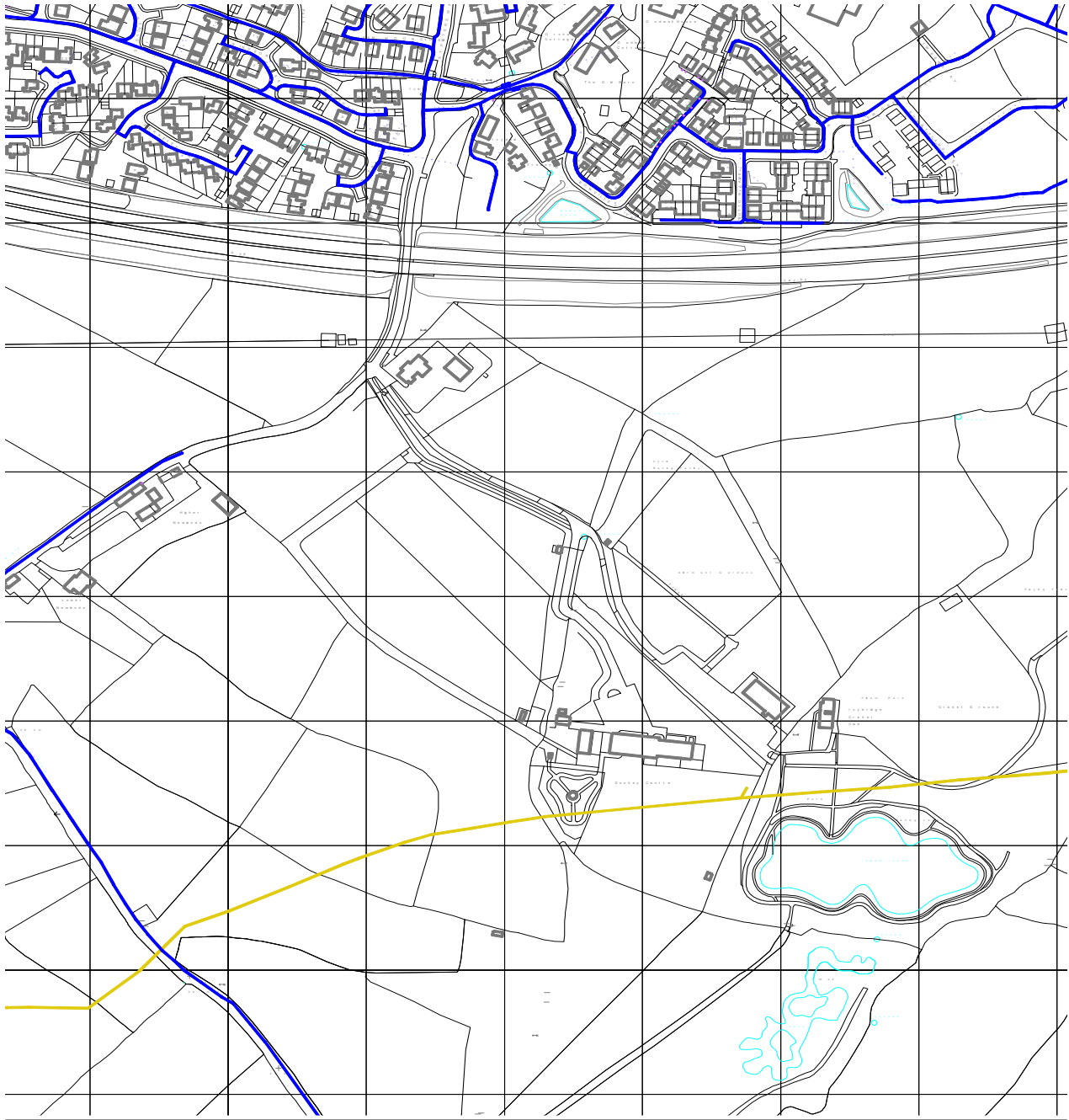
**ASSETS NOT SHOWN? THEY MAY BE PRIVATE
HOMEOWNERS RESPONSABILITY
PRIVATE SEWER CCTV SURVEYS AVAILABLE
GO TO SOURCEFORSEARCHES.CO.UK**

USEFUL CONTACTS:
LEAKS / PIPE COLLAPSE 0344 346 2020
NEW CONNECTIONS 0800 083 1821
SOUTH WEST WATER 0344 346 2020



WATER







264247,055325 GODWELL LANE, FILHAM PARK, IVYBRIDGE



100 m

Reproduced from the Ordnance Survey map by South West Water Ltd by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office.
(c) Crown Copyright South West Water Ltd licence number 0100031673




















Water Pipe Details

Distribution	
Trunk	
Communication	
Untreated	
Private	
Abandoned	

Common Materials

Cast Iron	CI	High Density Polyethylene	HDPE
Spun Iron	SI	Medium Density Polyethylene	MDPE
Ductile Iron	DI	High Pressure Polyethylene	HPPE
Steel	ST		
Asbestos Cement	AC		
Plastic	UPVC		

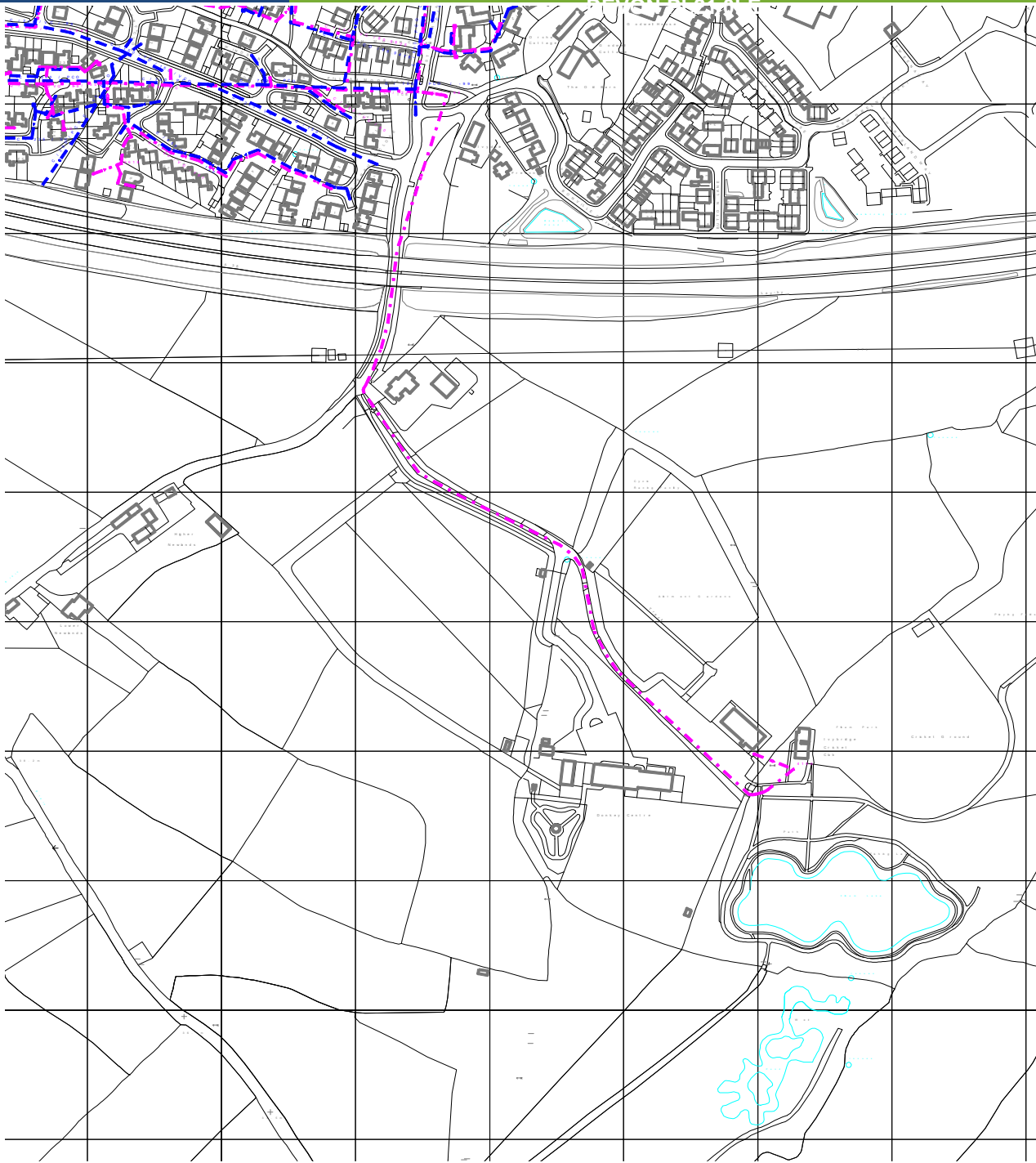
Water Features

Washout		Hatchbox		Customer Meter	
Hydrant		Pump		Mains Meter	
Washout Hydrant		Sluice Valve Open (AC)		Relief Valve	
Air Valve (Single)		Sluice Valve Closed		Pressure Reducing Valve	
Air Valve (Double)		Sluice Valve (CC)		Pressure Sustaining Valve	
Stop Turn		Stop Turn		Non Return Valve / Reflex	
				Relief Valve	



DRAINAGE

264247,055325 GODWELL LANE, FILHAM PARK, IVYBRIDGE



100 m

Reproduced from the Ordnance Survey map by South West Water Ltd by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office.
(c) Crown Copyright South West Water Ltd licence number 0100031673

Sewer Pipe Details

Public - Foul	
Public - Surface	
Public - Combined	
Public - Treated	
Pumping Main	
Elevated	
Unverified	
Abandoned	
Highway	

Common Shapes

Circular	C	Barrel	B	U Shaped	US
Rectangular	R	Trapezoidal	T	Horseshoe	H
Unknown	U	Egg Shape	E	Oval	OV

Common Materials

Vitrified Clay	VC	Alkathene	AK	Medium Density Polyvinylchloride	MDPE
Pre Cast Concrete	PCO	Asbestos Cement	AC	Unplasticised Polyvinylchloride	UPVC
Concrete	CO	Polyvinylchloride	PVC	Unknown	U

Sewerage Structures

Manhole Foul		Manhole Surface	
Manhole Combined		Manhole Private	
Soakaway	SK	Catchpit	CP
Washout	WO	Hatchbox	HB
Buried	BU	Unable to Locate	UL

REQUIREMENTS AND DEVELOPMENT/TREE PLANTING GUIDANCE



In accordance with the provisions of Clause 26 of South West Water's Code of Practice, you are advised that in order to maintain adequate future access to the pipeline and to avoid interference with it, it is necessary to ensure that the following guidelines are observed:

1. Buildings And Permanent Structures

Clear working strip:

A clear working strip along the pipe is required between buildings and permanent structures and this must be:-

Pipes up to 150mm diameter	6.0 metres
Pipes 151-600mm diameter	7.0 metres
Pipes 601mm diameter and over	9.0 metres

If a building or permanent structure is planned within these limits please contact our Development Planning team as Build Over consent may be required. Development Planning developerservices@southwestwater.co.uk.

Proximity of buildings:

No buildings or permanent structures should be placed within 3 metres of pipes below 300mm in diameter or within 3.5 metres of pipes of 300mm or over in diameter (distances measured from the centre of the pipe), and in addition, buildings and permanent structures must be constructed so as to ensure that no additional loads are transmitted to the pipe.

(N.B: Pipe sizes refer to the internal diameter / bore of the pipe).

2. Trees And Shrubs

Roots can damage pipelines over time and extensive root systems will limit access to the pipeline in breach of the Company's right to access for repair or replacement. As a rule of thumb, the root spread of a tree is approximately the same as its eventual canopy spread. To help you avoid damage or interference to the pipeline, the Company suggests the following guidelines:

- No large or forest trees should be planted with 7 metres of the pipeline (examples include Oak, Ash, Beech, Douglas Fir, Sitka Spruce etc.)
- Medium to small sized trees should always be planted in such a way as to ensure that the eventual root spread reaches no closer than 1 metre of the pipeline, in practice, if trees are planted a distance of 5 metres away from the pipeline, this should be sufficient.
- Bushes and shrubs should never be planted closer than 2 metres from the pipeline.
- Closer than 2 metres either side of the pipeline may be planted with hedge plants and ground cover only.
- The measurements and distances set out are for guidance only and there will always be exception, for example: Poplars and Willows, which have a particularly invasive root system. If you are unsure of any individual case, then specialist advice should always be sought prior to planting.
- The guidelines set out above are based on the Company's standard access requirements for its apparatus. If, for engineering reasons, the distances set out need to be varied at particular locations, you will be advised of this before compensation for works is finalised. If you need to know the precise underground location of a new water main / sewer after its installation, please contact any of the Company's local offices, and Company staff will be pleased to mark out the position of the pipeline within your land.
- If the Company finds any infringement of its legal rights of access, or any damage being caused to the pipeline, the Company reserves the right to take appropriate action to ensure that there is no interference with its statutory apparatus.

Requirements to be met by persons carrying out works near to water mains and sewers:

1. The precise position of water mains and sewers must be ascertained by hand digging trial holes after first contacting South West Water, who will give such information as is available regarding the general location of the mains and sewer in the area. No liability is accepted for the accuracy of any information given as to the position or existence of water mains and sewers. In particular, service pipes and drainage connection are not generally shown on mains records, but their presence should be anticipated and precautions taken to avoid damage.
2. Notices of intent must be given to South West Water before any works are carried out in the vicinity, except in cases of emergency when our Operations Centre should be contacted as soon as possible.
3. Unless prior written approval has been obtained, mechanical excavation may not be permitted around, or within, 3 metres of the water main or sewer. Excavation may be necessary by hand.
4. Concrete haunches or surrounds to sewer s must not be disturbed without prior written consent from South West Water.
5. Before backfilling, the mains and sewer s will be inspected and any flaws or damage to the pipe or wrapping, if found, will be repaired by South West Water. All such flaws or damage must be immediately reported to the Company as soon as they are discovered. The carrying out of such repair s by South West Water shall not affect the question of liability, should any damage found to have resulted from the acts of those undertaking the works, their contractors, servants or agents.
6. Approved backfill will be used immediately around or over the ma ins and sewer s to a minimum cover of 300mm and the remainder of the backfill shall be to the appropriate Highways Authority Specification for the Reinstatement of Openings in Highways.
7. Both the existing main or sewer and the new works shall be suitably supported to prevent future settlement and any subsequent damage to equipment.
8. Ground adjacent to concrete thrust blocks supporting the main(s) and sewer(s) must not be disturbed.
9. Adequate support must be given to all water mains and sewers where these are likely to be undermined, and to all trenches in the vicinity of these, during the process of the works.
10. No apparatus shall be laid on or over any land within 300mm measured horizontally from any part of a water main or sewer or other apparatus belonging to the Company. Provided always that this cause shall not prevent any pipe, cable or conducting medium being laid at an angle of between 45 and 90 degrees across the line of the Company's apparatus, with a vertical clearance in excess of 300mm. In exceptional circumstances this clause may be varied or deleted with the prior written consent from South West Water.
11. South West Water must be consulted before any work representing an increased risk to the integrity of the mains or sewers (e.g., piling, using explosives, thrust boring, pipe bursting etc.) is carried out.
12. Facilities for inspecting all work carried out shall be given to South West Water with adequate notice

IN THE EVENT OF A LEAK OR PIPE COLLAPSE PLEASE CONTACT SOUTH WEST WATER IMMEDIATELY ON 0344 346 2020 (24 HOURS)

BT

Our Ref: Ref shown on map

email: nnhc@openreach.co.uk

Date of issue shown on map

Dear Customer,

NR & SW ACT 1991 – PROPOSED WORKS AT:

Prior to commencement of work: for free onsite guidance and accurate up to date location of BT plant please contact our Plant Protection Service by the following methods

Email Dial before you dig CBYD@openreach.co.uk

Visit the website www.openreach.co.uk/cbyd

Thank you for your request of describing the above proposals.

Enclosed are copies of our drawing marked up to show the approximate locations of BT apparatus which is present in the immediate vicinity of your works. It 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 made near to British Telecommunications plc apparatus which may exist at various depths and may deviate from the marked route.

To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of British Telecommunications plc plant. If scaffolding is erected, please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by the scaffolding.

In the event of BT apparatus being in the area of works we recommend that your plant/vehicle crossing is either resited, or apply for a budget estimate by submitting detailed plans to the above address, these will be forwarded to the appropriate department for their comments.

Please ensure you quote our reference on any future correspondence.

Yours faithfully,

Openreach Plant Maps Requested

NewSite Office (addresses can be found on [the New Developments contact page](#))

Dear Sir/Madam,

You have downloaded copies of our drawings marked up to show the approximate location of Openreach apparatus, which is present in the immediate vicinity of your works. It 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 made near to Openreach apparatus, which may, exist at various depths and may deviate, from the marked route.

To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of Openreach plant. Please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by your plant. In the event of clearance not being adequate we anticipate that your plant is either resited, or an order is placed with Openreach for rearrangements of its plant. If there are any difficulties with the Map please email cbyd@openreach.co.uk

Please contact our Network Protection Service by Email on cbyd@openreach.co.uk giving four calendar weeks notice of your commencement date. This will provide you with on-site advice and a check of location for any Openreach apparatus.

Further to this, I hope the following points will assist you at the new development: -

Openreach has a licence obligation to provide service to any end customer requiring a connection. A Developer would not normally be charged for provision of service, our standard connection charges would apply to the end user when orders are placed with the communication provider of choice. However, should a Developer insist on an underground service in an area where Openreach plant is provided overhead, charges may be incurred.

When the Developer has obtained contract and planning permission Openreach would request a 'Clean', scaled Site Layout, Location Map and a covering letter be sent to the relevant newSite Office. We would particularly request that you give details of your programmed site start date and likely first occupancy date where possible. To obtain contact details of the newSite office covering the development area click on the URL below.

<http://www.newdevelopments-openreach.co.uk/ContactUs.aspx>

Where a development affects existing Openreach apparatus in the public highway, the cost of any necessary protection or diversionary works must be borne by the Developer. In this case where a budget estimate is required a Site Plan, Location Map and a covering letter should be forwarded to the Repayments Project Office. Please visit www.openreach.co.uk/alterationscontacts for contact details of the Repayments Office covering the development area.

Yours faithfully,

Openreach newSites

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 0233 (opt 1 + opt 1) and we can get it fixed ASAP

KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling		Built	
Pole			Duct Tee		Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			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.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : QDX12115B

Map Reference : (centre) SX6424755325

Easting/Northing : (centre) 264247,55325

Issued : 11/09/2019 12:12:00

Reproduced from the Ordnance Survey map by BT by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office
(C) Crown Copyright British Telecommunications plc 100028040

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

ELECTRIC

Our Ref: 16449980 Your Ref: 15818

Wednesday, 11 September 2019

Duncan Phillips
91 Market Street
Hoylake
Merseyside
CH47 5AA

Western Power Distribution,
Mapping Centre
Toll End Road
Tipton
West Midlands
United Kingdom
DY4 0HH
www.westernpower.co.uk

Dear Duncan Phillips

Thank you for your enquiry dated Wednesday, 11 September 2019

I now enclose a copy of our plan showing existing Western Power Distribution (WPD) Electricity / WPD Surf Telecom apparatus in the vicinity of your proposed works. This information is given as a general guide only and its accuracy cannot be guaranteed. Please note that all WPD equipment on site should be assumed to be LIVE until WPD prove otherwise and provide you with confirmation to this effect in writing. Recent additions to our network, or service connections between the main cable and a building or street lamp may not be shown.

Map Response
T 0121 623 9780
WPDMapResponse
@westernpower.co.uk

LinesearchbeforeUdig
Help Desk 0845 437 7365

Damage to underground cables and contact with overhead lines can cause severe injury or may prove fatal. If you are excavating on site in the vicinity of either WPD Electrical apparatus or WPD Surf Telecom apparatus you must comply with the requirements of the following:-

Health & Safety Executive guidance HS(G)47, Avoiding Danger from underground services.

Work taking place in the vicinity of our plant is also regulated under the:-

Electricity at Work Regulations 1989, Health and Safety Act 1974, CDM Regulations 2015.

Safe working procedures should be defined and practiced

Please ensure that the use of mechanical excavators in the vicinity of our plant is kept to a minimum. WPD Surf Telecom ducts contain fibre cables, which are expensive to repair. Therefore, extreme care must be taken whilst working in the vicinity of these ducts, hand digging methods being used to determine their precise position.

If there are overhead lines crossing your site and your proposal involves building works which may infringe the clearance to our overhead system then you should call the relevant general enquiries number (see page 2 of this letter) for advice. Where overhead lines cross your site you must comply with the requirements of Health & Safety Executive guidance as laid down in GS6, Avoidance of Danger from Overhead Electric Lines.

Western Power Distribution PLC
South West - 02366894
South Wales - 02366985
East Midlands - 02366923
West Midlands - 03600574

Where diversions to WPD apparatus are needed to allow change to occur on site, the cost of these alterations may be charged to the persons responsible for the works.

If you require advice in connection with your proposals please contact the relevant general enquiries number (see page 2 of this letter)

Registered in
England and Wales

Following consultation the local Western Power Distribution team will where necessary prepare detailed proposals and provide a quotation for any necessary alterations and/or development of our equipment on the site.

Registered Office:
Avonbank
Feeder Road
Bristol
BS2 0TB

Yours sincerely
WPD Map Response Team

Contact Us

Emergency or Power Supply issues

In an emergency call 105, 24 hours a day.

Mapping Enquiries

If you have an enquiry relating to this letter or the attached map plan, please contact us using the following information:

Telephone 0121 623 9780
Email WPDMapResponse@westernpower.co.uk

General Enquiries

If you have a general enquiry, please call us on the following telephone number:

All areas 0800 096 3080

LinesearchbeforeUdig

If you have an enquiry relating to the use of the LinesearchbeforeUdig website please contact LinesearchbeforeUdig using the following information:

Telephone 0845 437 7365
Email enquiries@linesearchbeforeudig.co.uk
Website www.linesearchbeforeudig.co.uk

Steps to help keep you safe

- **If you are working within 10 metres of our 33kV, 66kV, 132kV underground electricity cables or within 10 metres of an overhead electricity line you should call the relevant General Enquiries for free safety advice.**

Safety Documents – please download our informative safety documents to help ensure that you, your staff and the public are kept safe whilst working in the vicinity of electricity.

<https://www.westernpower.co.uk/customers-and-community/health-safety/public-safety-advice>

- **Make sure you have up to date plans** - remember that recent additions to our network or service connections between the main cable and a building or street lamp may not be shown.
- **Look for signs of service cables** - an electricity meter box or nearby streetlamp may give you an indication that service cables are present in your area of work.
- **Non WPD Network** - electricity cables, lines and equipment owned by others may also be present in addition to WPD network. They are unlikely to be shown on our plans.
- **Use a cable locator** - trace electricity cables and mark the position of them using paint or other waterproof marking on the ground.
- **Hand dig trial holes** - to confirm the position of cables in close proximity to your area of your work and use spades and shovels rather than picks, pins or forks.
- **Have an emergency plan** - so that everyone working on site understands what to do in the event of an underground electricity cable being damaged or contact being made with an overhead electricity line.
- **If you are working within 10 metres** of an overhead electricity line then it may be necessary for you to erect warning signs and markers, or height restriction goal posts. Ensure that you comply with the requirements of Health & Safety Executive guidance laid down in GS6, Avoidance of Danger from Overhead Electric Lines.
- **If you are erecting a structure** that could allow anyone standing on it, or its access device (ladder, scaffold, MEWP), to come within 3m of any overhead electric line then **you must inform us**. This is your duty and a legal requirement under the Electricity Safety, Quality & Continuity Regulations 2002.
- **If you cannot work safely** around the underground electricity cable or overhead electricity line, then you may need to get it moved to allow your works to go ahead. Call the general enquiry numbers above for guidance.
- **It is possible that cables or pipes may be embedded in concrete** - electricity cables embedded in concrete MUST be made 'dead' by Western Power Distribution or the cable owner before the concrete is broken out. Alternatively, another safe way of working should be agreed.

Cables are sometimes covered by tiles or a marker tape - these can be concrete, polythene or earthenware and are a useful early warning of the presence of cables; you should avoid disturbing any tiles or tape to expose the cable. Not all cables have these warning indicators.

Contact Us

Mapping Enquiries:

All areas 0121 623 9780

General Enquiries:

All areas 0800 096 3080

**Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 6783 105**

Date Requested: 11/09/2019

Job Reference: 16449980

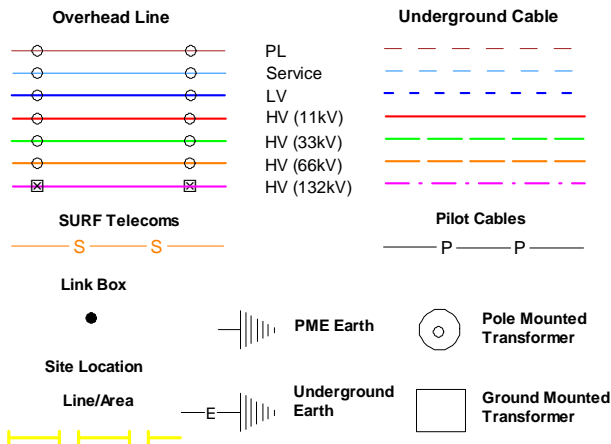
Site Location: 264247 55315

Requested by: Mr Duncan Phillips

Your Scheme/Reference: 15818

IMPORTANT NOTICES

- This information is given as a guide only and its accuracy cannot be guaranteed. Services or recent additions to the network may not be shown.
- Cables, overhead lines & substations owned by other electricity network owners or private companies may be present and may not be shown.
- You should always verify exact locations of cables using a cable locator and by careful use of hand tools in accordance with HSE guidance note HSG47.
- When working within 10m of any overhead electric line you should follow the requirements of HSE Guidance Note GS6.
- For further advice on working near our electricity cables or lines, call our Contact Centre on 0800 096 3080.
- Advice should be sought from the Western Power Distribution Contact Centre for any work that is to take place in proximity to 66kV or 132kV underground cables and 66kV 132kV overhead lines – 0800 096 3080



Crown Copyright © All Rights Reserved. Ordnance Survey Licence numbers: 100022488, 100024877 & 100021807.
WPD Copyright: This copy has been made by or with the authority of Western Power Distribution (WPD) pursuant to Section 47 of the Copyright Designs and Patents Act 1988 unless that Act provides a relevant exception to copyright the copy must not be copied without the prior permission of the copyright owner

Overview

Contact Us

Mapping Enquiries:

All areas 0121 623 9780

General Enquiries:

All areas 0800 096 3080

**Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 6783 105**

Date Requested: 11/09/2019

Job Reference: 16449980

Site Location: 264247 55315

Requested by: Mr Duncan Phillips

Your Scheme/Reference: 15818

Exact Scales:

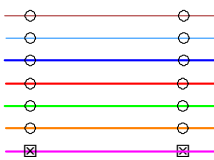
1:1250 Area or Circle dig site

1:500 Line dig site

IMPORTANT NOTICES

- This information is given as a guide only and its accuracy cannot be guaranteed. Services or recent additions to the network may not be shown.
- Cables, overhead lines & substations owned by other electricity network owners or private companies may be present and may not be shown.
- You should always verify exact locations of cables using a cable locator and by careful use of hand tools in accordance with HSE guidance note HSG47.
- When working within 10m of any overhead electric line you should follow the requirements of HSE Guidance Note GS6.
- For further advice on working near our electricity cables or lines, call our Contact Centre on 0800 096 3080.
- Advice should be sought from the Western Power Distribution Contact Centre for any work that is to take place in proximity to 66kV or 132kV underground cables and 66kV 132kV overhead lines – 0800 096 3080

Overhead Line



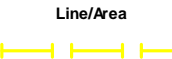
SURF Telecoms



Link Box



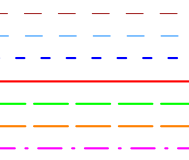
Site Location



Line/Area



Underground Cable



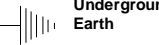
Pilot Cables



PME Earth



Pole Mounted Transformer



Underground Earth



Ground Mounted Transformer

Crown Copyright © All Rights Reserved. Ordnance Survey Licence numbers: 100022488, 100024877 & 100021807.
WPD Copyright: This copy has been made by or with the authority of Western Power Distribution (WPD) pursuant to Section 47 of the Copyright Designs and Patents Act 1988 unless that Act provides a relevant exception to copyright the copy must not be copied without the prior permission of the copyright owner

Contact Us
Mapping Enquiries:
All areas 0121 623 9780

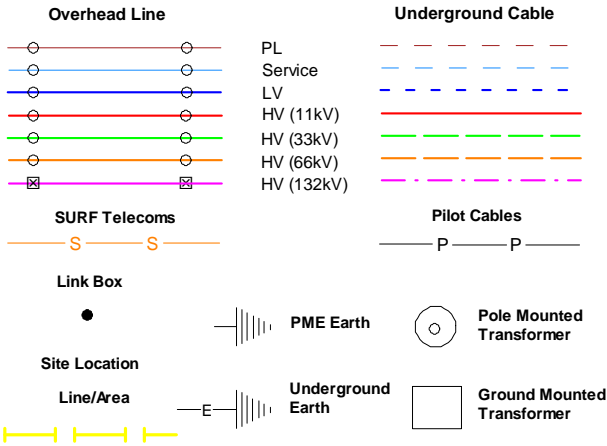
General Enquiries:
All areas 0800 096 3080

**Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 6783 105**

Date Requested: 11/09/2019
Job Reference: 16449980
Site Location: 264247 55315
Requested by: Mr Duncan Phillips
Your Scheme/Reference: 15818
Exact Scales:
1:1250 Area or Circle dig site
1:500 Line dig site

IMPORTANT NOTICES

- This information is given as a guide only and its accuracy cannot be guaranteed. Services or recent additions to the network may not be shown.
- Cables, overhead lines & substations owned by other electricity network owners or private companies may be present and may not be shown.
- You should always verify exact locations of cables using a cable locator and by careful use of hand tools in accordance with HSE guidance note HSG47.
- When working within 10m of any overhead electric line you should follow the requirements of HSE Guidance Note GS6.
- For further advice on working near our electricity cables or lines, call our Contact Centre on 0800 096 3080.
- Advice should be sought from the Western Power Distribution Contact Centre for any work that is to take place in proximity to 66kV or 132kV underground cables and 66kV 132kV overhead lines – 0800 096 3080



Crown Copyright © All Rights Reserved. Ordnance Survey Licence numbers: 100022488, 100024877 & 100021807.
WPD Copyright: This copy has been made by or with the authority of Western Power Distribution (WPD) pursuant to Section 47 of the Copyright Designs and Patents Act 1988 unless that Act provides a relevant exception to copyright the copy must not be copied without the prior permission of the copyright owner

Contact Us

Mapping Enquiries:

General Enquiries:

All areas

0121 623 9780

All areas

0800 096 3080

Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 6783 105

Date Requested: 11/09/2019

Job Reference: 16449980

Site Location: 264247 55315

Requested by: Mr Duncan Phillips

Your Scheme/Reference: 15818

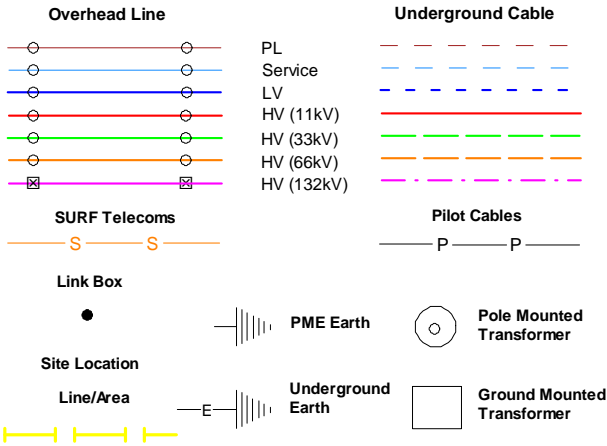
Exact Scales:

1:1250 Area or Circle dig site

1:500 Line dig site

IMPORTANT NOTICES

- This information is given as a guide only and its accuracy cannot be guaranteed. Services or recent additions to the network may not be shown.
- Cables, overhead lines & substations owned by other electricity network owners or private companies may be present and may not be shown.
- You should always verify exact locations of cables using a cable locator and by careful use of hand tools in accordance with HSE guidance note HSG47.
- When working within 10m of any overhead electric line you should follow the requirements of HSE Guidance Note GS6.
- For further advice on working near our electricity cables or lines, call our Contact Centre on 0800 096 3080.
- Advice should be sought from the Western Power Distribution Contact Centre for any work that is to take place in proximity to 66kV or 132kV underground cables and 66kV 132kV overhead lines – 0800 096 3080



Crown Copyright © All Rights Reserved. Ordnance Survey Licence numbers: 100022488, 100024877 & 100021807.
WPD Copyright: This copy has been made by or with the authority of Western Power Distribution (WPD) pursuant to Section 47 of the Copyright Designs and Patents Act 1988 unless that Act provides a relevant exception to copyright the copy must not be copied without the prior permission of the copyright owner

Warning: PDF designed for A3 colour print only with no page scaling.



Avoidance of Danger from Electricity Overhead Lines and Underground Cables

Avoidance of Danger from Electricity Overhead Lines and Underground Cables

Introduction

In the UK on average, 20 people are killed and 400 people are injured as a result of coming into contact (or close proximity) with electricity overhead lines and underground cables.

Although electric shock is the first thing that people associate with coming into contact with our network, those who have witnessed the effects of damage to our system are shocked by the amounts of heat, light and noise that are the result of an electrical flashover.

In the Midlands, South West and South Wales, Western Power Distribution (WPD) have had to attend to incidents where people have accidentally made contact with one of our live electricity overhead lines or damaged an underground cable and become seriously injured.

A significant number of these accidents occurred whilst people were working in the vicinity of overhead and underground electrical apparatus and this booklet has been produced to provide general guidance on how you and your employees can avoid becoming one of these statistics.

Our Operational Area



PLANNING YOUR WORK.

It makes sense to consider your safety while in the vicinity of our equipment as early in your planning process as possible.

One of the first things you should do whenever you are planning your work is to check whether there is any of our equipment in the immediate vicinity. You should do this whether your work is taking place on public (e.g. highways and footpaths) or on private land.

For instance, take a good look around your site to see if there are any visible overhead lines. You should also bear in mind that we have a very extensive network of underground cables, and we are always happy to supply a plan from our Map Response Team who can be contacted via the following;

Tel: 0121 623 9780

Fax: 0121 623 9223

WPDMapResponse@westernpower.co.uk

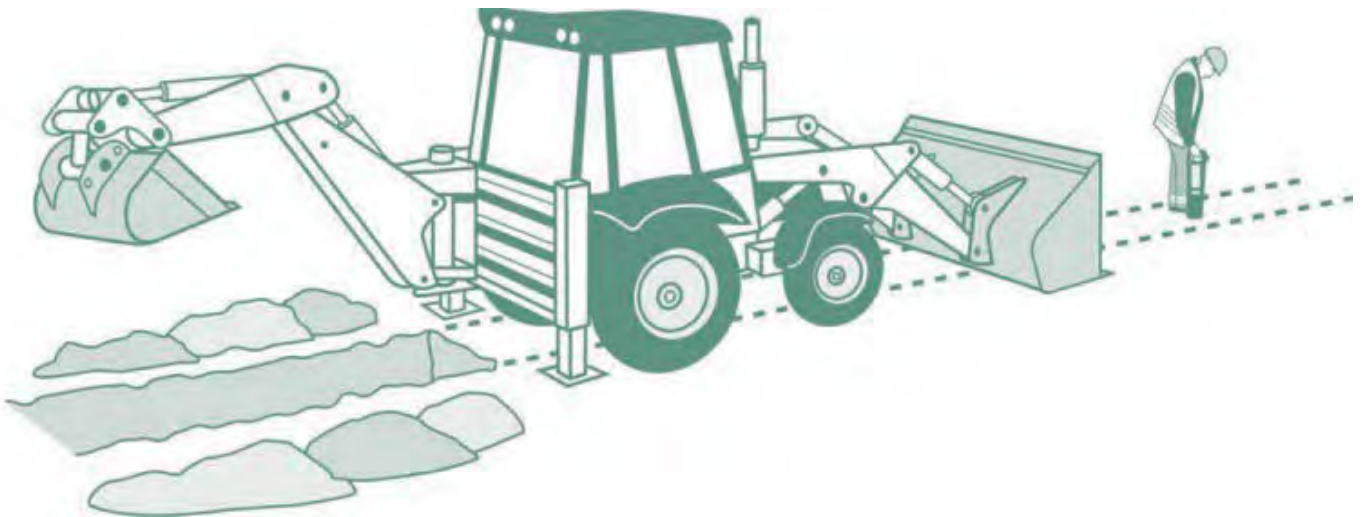
An online mapping service is available at
www.westernpower.co.uk/locationplans

It is always safer to assume that there are underground cables present in the ground until you have proven otherwise.

WORKING IN THE VICINITY OF UNDERGROUND CABLES

Having obtained copies of our network maps, it is important to recognise that in most cases there will be no surface indication of the presence of our underground cables. We therefore advise that you take the following actions:

- Make sure that you have up-to-date copies of our cable record plans ON SITE - not back in the office.
- Don't assume that these plans are to scale if they have been faxed or copied.
- Make sure that a competent person using a Cable Avoidance Tool (CAT) locates all of the cables shown on these plans.
- Mark the locations of cables on the ground surface with waterproof road paint or other permanent marker.
- Always assume that our cables are live unless we have informed you, in writing, otherwise.



- By hand, dig trial holes to locate the exact position of all cables. Always use a spade or shovel – never use a pick, fork or power tool – push the spade or shovel into the ground applying foot pressure.

- Look out for ducts, marker tape or tiles but do not rely on these. Even if a cable route was originally laid in a duct or with a marker tape, these may have been removed during other excavations at a later date along all or part of the cable route.
- Brief all people working in the vicinity of the presence and location of all underground cables.

UNDER NO CIRCUMSTANCES SHOULD YOU ATTEMPT TO WORK ON, OR INTERFERE WITH, ANY OF OUR UNDERGROUND CABLES.

The only people qualified to work on this equipment are our operatives; who have been specifically trained and are authorised in writing to do so.

Please also be aware that:

- Cable record plans are not guaranteed to be completely accurate. Kerb lines, roads and buildings may have been moved or altered since the cables were laid.
- Cables should ordinarily be at least 450mm deep but don't assume this to be the case where you are working – ground levels could have changed.
- Not all service cables are shown on record plans, so look for cables running down poles and bear in mind that all buildings, street lights and street furniture are likely to have cables running to them. Cables feeding street furniture may be relatively shallow near to the furniture.
- Cables do not run in straight lines. They often “snake” through the ground avoiding surface and buried obstacles that may not be visible to you.
- Cables are flexible and can change direction and depth abruptly – for this reason never use mechanical excavators within 0.5m of any underground electricity cable even if you have located it with trial holes.

- **No attempt should be made to break out concrete surrounding a cable. Please contact us immediately on our general enquiries number and we will discuss the options for safe working which may include making the cable dead or you moving your work site if possible. If we need to make the cable dead we may need to provide our customers with two weeks notice of the power interruption.**
- Our cables and joints are not designed to act as steps or to be left unsupported. If you remove support from any cable, you will need to support it using temporary hangers at not more than 0.5m intervals.
- When backfilling, please consolidate the ground under the cables, cover the cable with soil free of stones or with stone dust and replace any cable marker tiles, ducts and tape.

IF YOU DAMAGE AN UNDERGROUND CABLE

you must immediately clear the area of personnel, because the cable could still be live, or become live again.

If a machine is still in contact with the cable, instruct the driver to JUMP clear. Do not touch any part of the machine.

Please contact us on our emergency number immediately and tell us what has happened. Please be ready to provide us with a contact telephone number and an accurate location or set of directions – this will help us in getting our staff to site quickly to minimise any danger and lessen the disruption to your work.

Please report any damage to a cable, however superficial it might seem. The cable may not fail at the time of damage, but it could fail later, causing danger to our staff and other contractors, disruption to our customers' supplies, and also – if we trace the damage back to you – a very much larger repair bill.

WORKING IN THE VICINITY OF OVERHEAD LINES

UNDER NO CIRCUMSTANCES SHOULD YOU ATTEMPT TO WORK ON, OR INTERFERE WITH ANY OF OUR OVERHEAD LINE EQUIPMENT OR SERVICE WIRES.

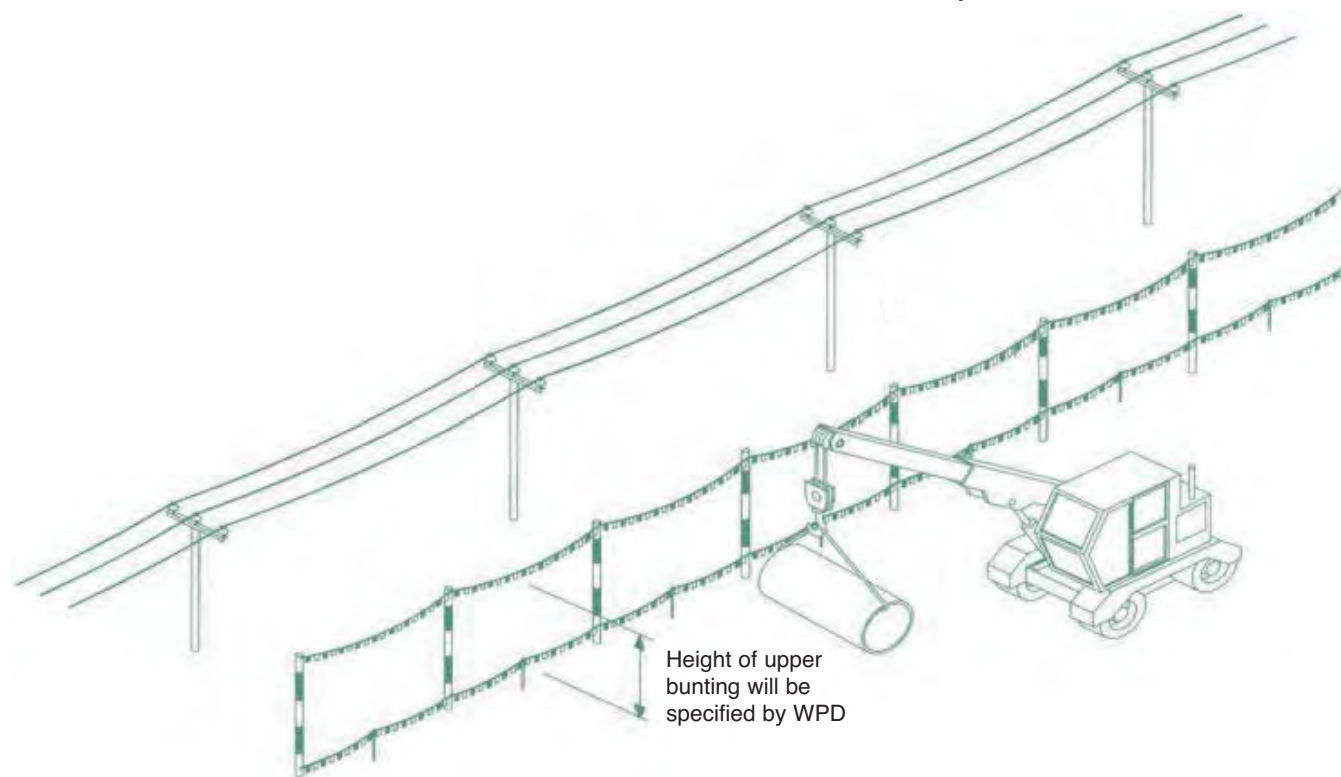
The only people qualified to work on this equipment are our operatives; who have been specifically trained and are authorised in writing to do so.

Overhead lines have the advantage that, unlike underground cables, they can easily be seen.

- Always assume that our overhead lines are live unless we have informed you otherwise in writing.
- We will be able to advise you about the type and voltage of the overhead lines in question and provide you with information about the clearances that you must adhere to during your work. Please ring our regional general enquiries number for further advice.
- If you are in any doubt about whether the overhead lines in question are power or telephone (this is a very common mistake) – please ask us.
- In some circumstances, we may be able to temporarily shroud low voltage overhead lines and services running to buildings if you need to work in the vicinity e.g. for scaffolding erection, fascia repairs and painting work on domestic properties. We don't normally charge for the shrouding of overhead lines, but please give us as much notice as possible.
- If you think that you will be working close to our overhead lines and they need shrouding – please don't start work until we have agreed what needs to be done and all safety precautions are in place.
- Please note that it is not technically possible to shroud high voltage lines, so if you cannot avoid working near to our high voltage lines, contact us and we will be happy to meet with you to discuss safe alternatives.

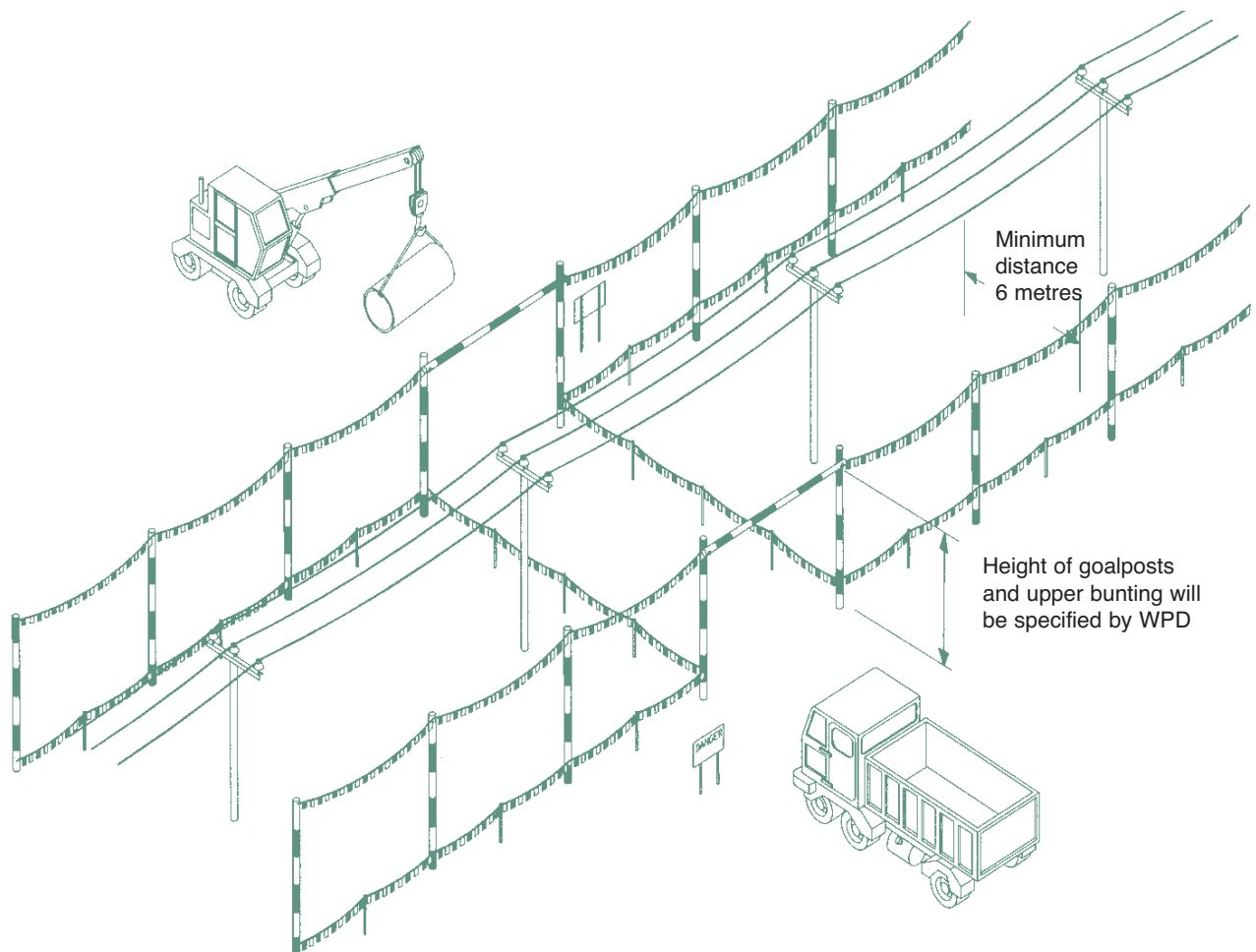
- If it is decided that work can go ahead in the vicinity of our overhead lines but there is a risk of you infringing the safety clearances from the overhead lines, you have a responsibility to erect safety barriers to segregate your works from the area around the overhead lines. The detailed requirements for these barriers are provided in the HSE document GS6 'Avoidance of Danger from Overhead Lines'. As a summary they should consist of:

- Red and white coloured posts erected at 6m intervals, with coloured bunting stretched between their tops, supplemented by low level bunting erected at 1m above ground level, supported at 3m intervals on red and white coloured posts. This is shown below.



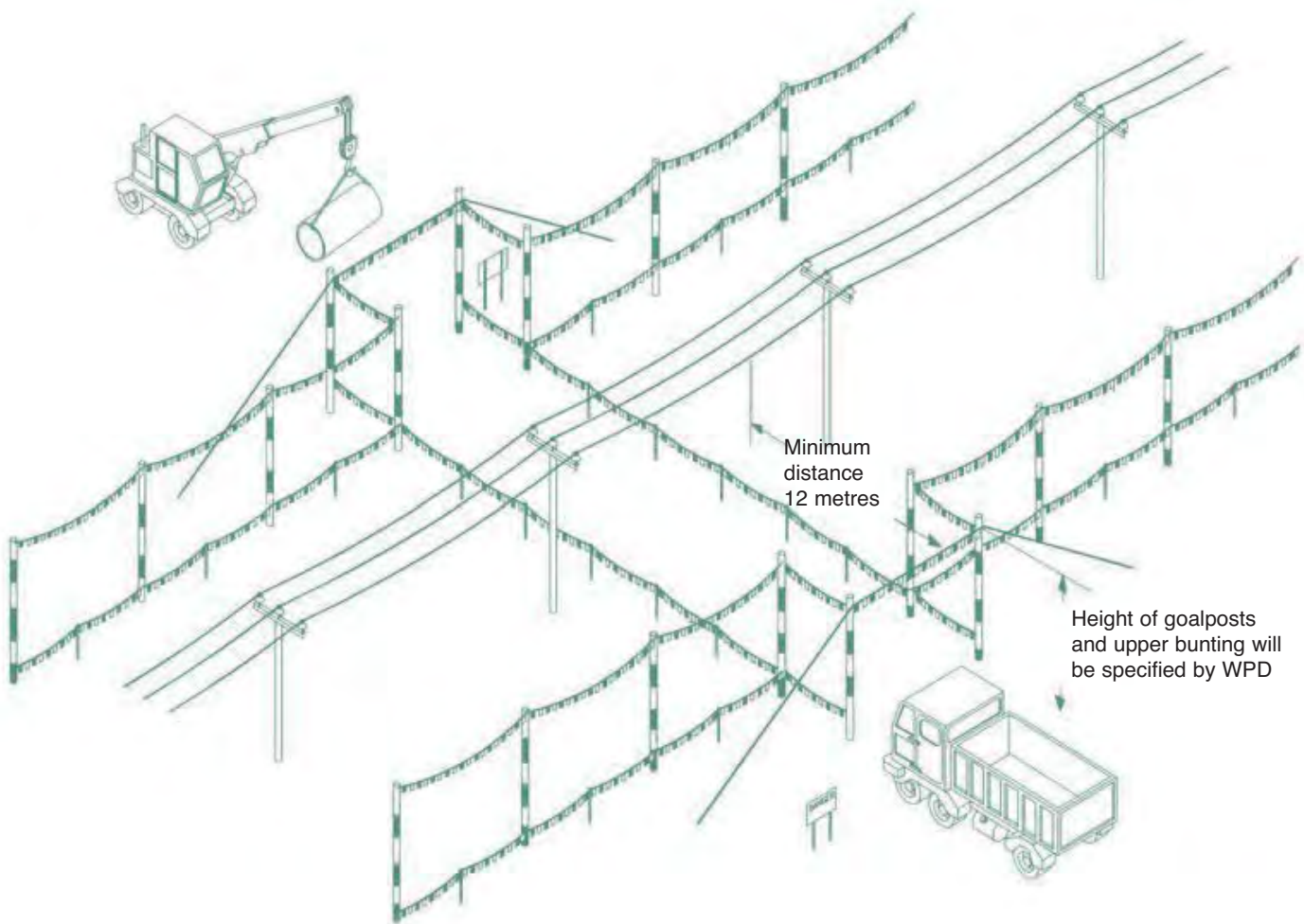
- We are able to advise you on the height of the barriers and any additional clearances necessary if you are using large plant on your site.
- Any bunting, ropes and lanyards used should be made from an insulating material.
- These barriers should be erected parallel to the overhead line at a minimum distance of 6m horizontally from the outermost conductor of the overhead line.

- The supports may be supported by rubble or concrete filled barrels or buried directly in the ground.
- Danger Notices should be fixed to all of your high level supports.
- The ground enclosed within these barriers is best regarded as “dead ground” in which all foot and vehicular traffic is forbidden, in all circumstances, for the duration of your work.
- Where it is necessary for foot and vehicular traffic to pass under the line, you will need to form a marked access way between the barriers as shown below.



- This access way should comprise of bunting erected 1m above ground, supplemented by high level “goal-posts” erected at either end.
- The goal post cross bars should be rigid, made of insulating material and positioned in a location and at a height specified by us.

- The access route should be as narrow as possible and should not normally exceed 10m in width.
- If it is necessary to make the access route wider than this, you may find it impractical to use rigid cross bars, so you may use a tensioned rope and bunting instead. If you use rope and bunting as a cross bar, you should move the entrance to the access route out to a minimum distance of 12m from the outermost conductor of the line. This is to allow for any stretching of the rope if pulled by your plant.



- If you decide to use steel wire rope to support the barrier, this must be effectively connected to earth at both ends.
- You should also install Danger Notices at all probable directions of approach and clearly display the cross bar height.
- If you are working at night, or in conditions of poor visibility, you should ensure the area is well lit and that the overhead lines are clearly visible.
- Whatever measures you take, you should ensure that everyone working in the vicinity of overhead lines is briefed about the risks and what safety measures are in place. Do not permit anyone to carry long objects, especially scaffold poles, ladders and irrigation pipes in the vicinity of overhead lines.
- You should ensure that all shrouding, barriers and signs are regularly inspected and maintained so that they remain effective.
- Overhead lines are not normally insulated and electricity at high voltages may jump, so a dangerous situation can arise just from a close approach.
- Cranes and excavators working near overhead lines are at increased risk because of the possibility of the jib/arm slewing or being raised into the overhead line, or the load swinging into the overhead line. You may therefore also need to fit plant and vehicles with restricting chains etc. to physically restrain their operation – we can advise on this if you wish.
- If you are planning to carry out tree cutting or arboriculture work in the vicinity of our overhead lines, you need to be aware that this is a complex, high risk activity and we recommend that you employ a competent tree surgeon, who complies with all of the requirements of Forestry industry Safety Accord (FISA) publication FISA 804 - Electricity at work: Forestry.

If contact is made with an overhead line

you must immediately clear the area and suspend all work within 50m of the damage because the line could still be live, or become live again.

The operator of a machine that is in contact with an overhead line should:

- **if the machine is still operable and the operator is still in the cab:**

provided that you do not risk breaking the overhead line or dragging it to the ground, immediately lower the raised parts of the machine USING ONLY THE CONTROLS IN THE CAB and/or drive the vehicle clear of the overhead line.

contact us immediately on our emergency number so that we can check the overhead lines.

instruct other people in the vicinity not to approach the vehicle.

- **if the machine is not operable, cannot be driven clear of the overhead line or there is a risk that doing so will break the line or drag it to the ground:**

stay in the cab.

contact your site manager or us immediately on our emergency number by radio or mobile phone or as soon as possible by any other method.

instruct everyone outside the vehicle not to approach it.

do not exit the cab until given confirmation BY WPD PERSONNEL that it is safe to do so.

- **if the machine is inoperable or cannot be driven free and there is risk of fire or other immediate hazard:**

JUMP clear of the vehicle, avoiding simultaneous contact with any part of the machine and the ground.

try to land with your feet as close together as possible.

where possible, continue to move away from the vehicle using “bunny hops” with your feet together until at least 15m from the vehicle.

instruct other people in the vicinity not to approach the vehicle.

contact us immediately on our emergency number.

do not return to the vehicle until given confirmation by WPD PERSONNEL that it is safe to do so.

Whatever the circumstances please contact us on our emergency number immediately and tell us what has happened. Please be ready to provide us with a contact telephone number and an accurate location or set of directions – this will help us in getting our staff to site quickly to minimise any danger and lessen any disruption to your work.

Please report any damage or contact no matter how minor they may seem to you at the time. The damage may not cause a serious problem at the time of damage, but it could fail later, causing danger to our staff and members of the public, disruption to our customers' supplies, and – if we trace the damage back to you – a large repair bill.

MORE INFORMATION

For your information, we are legally obliged to report all contact with our system to the Health & Safety Executive (HSE), and, if you are an employer, you may be obliged to report incidents involving your staff or contractors to the HSE. Even if no one is hurt, you could be prosecuted for failing to report such an incident.

More detailed general information on this subject is available in the following publications from the HSE:

HSG(47) – Avoiding Danger from Underground Services

GS6 – Avoidance of Danger from Overhead Lines

Along with Forestry Industry Safety Accord (FISA) publication FISA 804 – Electricity at Work: Forestry

If you require more site-specific information relating to our equipment at your location please contact us on our regional general enquiries numbers.

Our general enquiries numbers are;

Midlands	0845 724 0240
----------	---------------

General Enquiries

South Wales	0845 601 3341
-------------	---------------

General Enquiries

South West	0845 601 2989
------------	---------------

General Enquiries

FINALLY...

Please, always remember that electricity cables and overhead lines can be very dangerous – the general rule is **STAY AWAY** and stay safe.

NOTES



This booklet is issued by the Safety Team

Western Power Distribution (East Midlands) plc. Registered in England and Wales No. 2366923

Western Power Distribution (West Midlands) plc. Registered in England and Wales No. 3600574

Western Power Distribution (South Wales) plc. Registered in England and Wales No. 2366985

Western Power Distribution (South West) plc. Registered in England and Wales No. 2366894

Registered Office: Avonbank, Feeder Road, Bristol BS2 0TB

Printed on material sourced from sustainable forests and TCF. Printed using vegetable/mineral oil based environmentally friendly inks.

2014, 4th issue

Our emergency number is:
0800 6783 105

Calling from a mobile?

East Midlands

0330 123 5009

West Midlands

0330 123 5008

South Wales

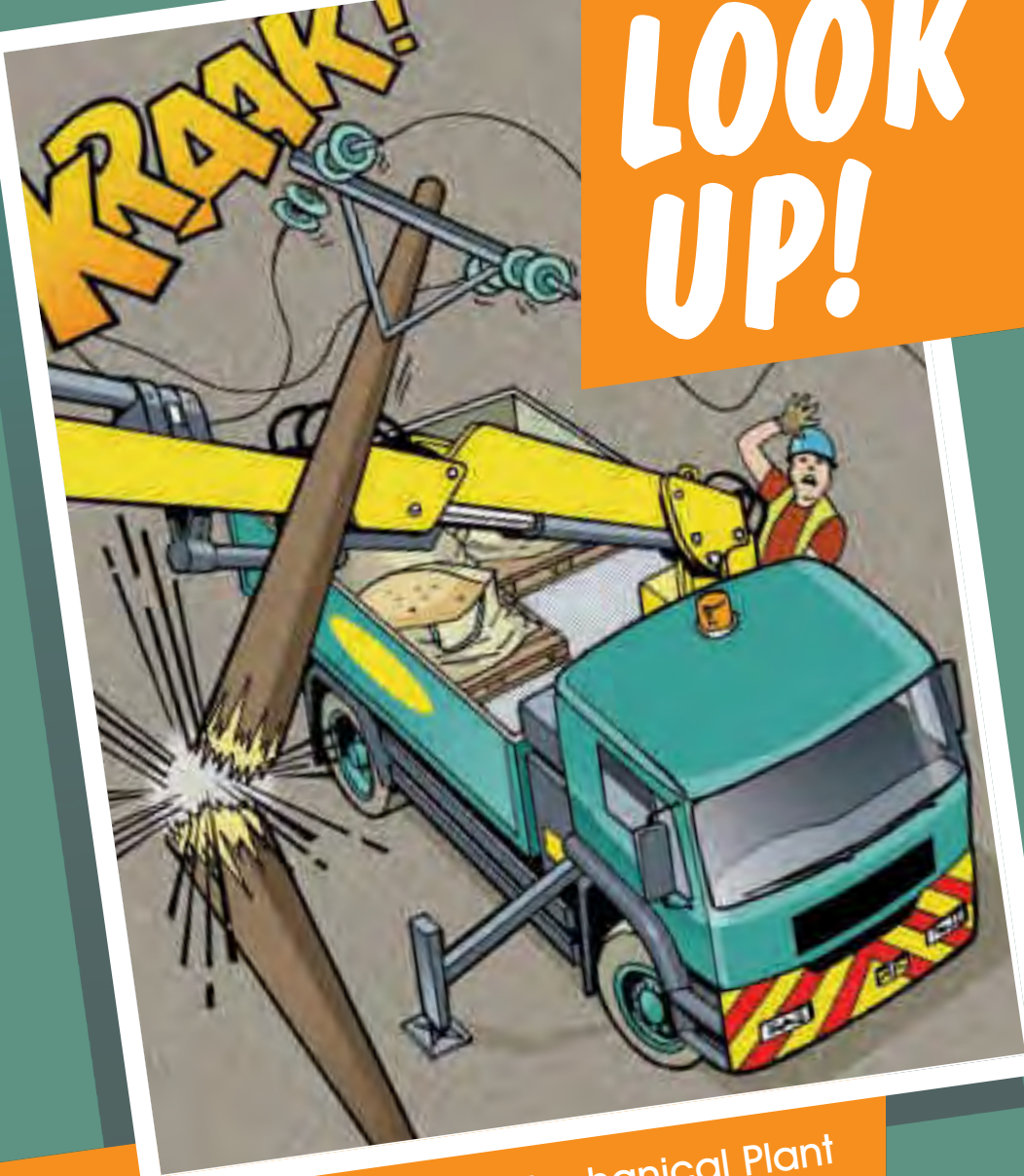
0330 123 5002

South West

0330 123 5001

LOOK OUT-

LOOK UP!



A Guide to the Safe Use of Mechanical Plant
in the Vicinity of Electricity Overhead Lines

The Safe Use of Mechanical Plant in the Vicinity of Electricity Overhead Lines

Introduction

Every year in the UK on average, two people are killed and many more are injured when mechanical plant and machinery comes into contact or close proximity to overhead electricity lines.

This booklet has been produced for anyone who uses mobile plant, (such as Hiabs, MEWPs, Tipper Lorries and Trailers, Grab Lorries, Concrete Conveyors and Excavators) for short duration work and provides general guidance on how to avoid becoming part of these statistics.



1 BEFORE STARTING WORK

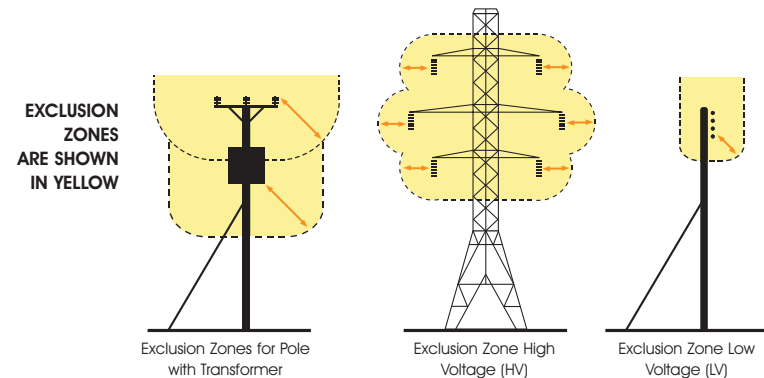
- Overhead lines have the advantage that they can easily be seen, so before you set up your vehicle or plant always:

STOP AND LOOK UP!

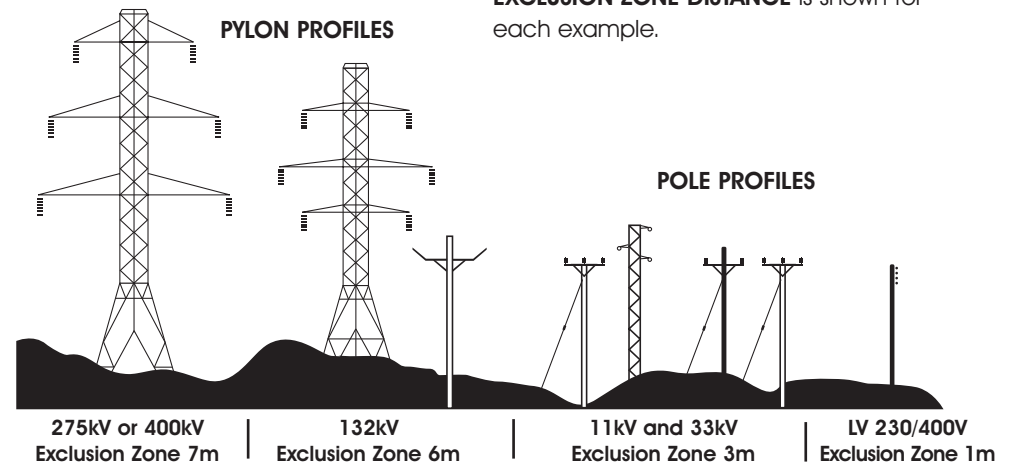
- If you are working at night, or in conditions of poor visibility, you should use spotlights or a torch to carefully check that there are no overhead lines within your vehicle's reach.
- Always assume that our lines are live unless we have informed you otherwise in writing.
- If you are in any doubt about whether the lines in question are power or telephone (this is a very common mistake) – always assume that they are power lines and are live.
- It is not normally practical for electricity companies to shroud high voltage conductors and even when low voltage conductors are shrouded, the shrouding is not designed to protect against contact by mechanical plant – again, always assume the lines are live.

2 EXCLUSION ZONES

- Overhead power lines are not normally insulated and so any contact can result in serious or fatal injuries.
- Electricity at high voltages can also jump gaps with no warning whatsoever, so it is also dangerous to let your plant approach too close to a line.
- The distance that electricity can jump depends on the voltage of the line. The higher the voltage, the further you must stay away from the line and any other equipment that may be fitted to the pole or pylon. This distance is called the **EXCLUSION ZONE**. Examples of this are shown highlighted in the diagram below.



- You must not allow any part of your plant to enter the **EXCLUSION ZONE**.
- The diagram below shows typical types of overhead lines and provides a guide to help you assess the line voltage of lines on wooden poles or steel pylons. The minimum **EXCLUSION ZONE DISTANCE** is shown for each example.

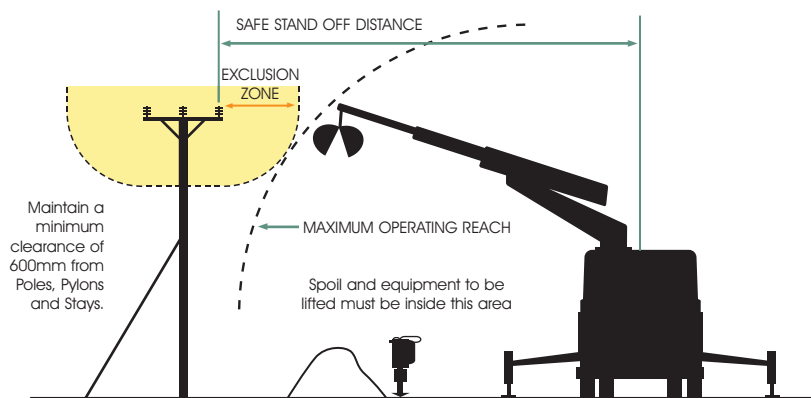


- Please note that these are absolute minimum distances that should under no circumstances be infringed. **If you do – it could prove fatal.**

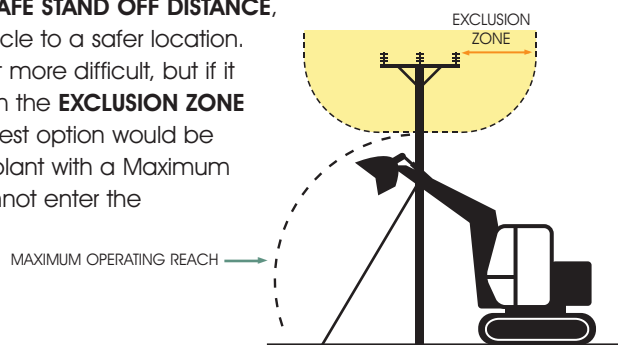
- As well as staying away from the lines or equipment, you should also stay at least 600mm away from any part of poles, pylons and stay wires.
- Please remember that is for guidance only, and if you are in any doubt, please call us for advice before setting up your plant or starting work.

3 STAND OFF DISTANCES

- If there are power lines in the vicinity of your work the best way to make sure you stay out of the **EXCLUSION ZONE** is to position your vehicle at a **SAFE STAND OFF DISTANCE** so that, even when fully extended, no part of it can accidentally reach inside the **EXCLUSION ZONE**.
- This **SAFE STAND OFF DISTANCE** can be calculated by adding the **EXCLUSION ZONE** distance for the appropriate voltage of the line to the Maximum Operating Reach of your vehicle. This is shown in the diagram below.



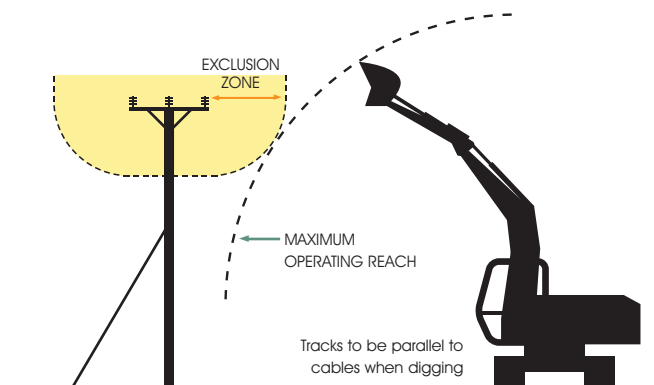
- If you position your vehicle outside of the **SAFE STAND OFF DISTANCE**, there is no risk of accidental contact with the lines and no danger of electricity jumping from the line to your vehicle.
- If you cannot achieve a **SAFE STAND OFF DISTANCE**, consider moving your vehicle to a safer location. It may make your job a bit more difficult, but if it means you stay away from the **EXCLUSION ZONE** - it will be safer. The next best option would be to consider using smaller plant with a Maximum Operating Reach that cannot enter the **EXCLUSION ZONE**.



- You may not be able to achieve either of these options, so, as a last resort, if you cannot avoid operating large items of plant in the vicinity of lines, you **MUST** make sure that the plant is fitted with restraints to ensure that the **EXCLUSION ZONE** cannot be entered. These restraints may be electrical or hydraulic systems fitted to the plant, or mechanical devices such as chains.

Please seek advice from the plant manufacturer for more information on choices available for your particular item of plant.

- If you are using a mechanical excavator to dig parallel to the line, it is good practice to position the excavator with the tracks or wheels parallel to the line, so as you move along the excavation the **SAFE STAND OFF DISTANCE** is easily maintained.



- Care must also be taken to avoid non-mechanical equipment, (e.g. scaffold poles, ladders and long loads such as lengths of steel or timber) from entering the **EXCLUSION ZONE**.
- Always maintain at least 600mm clearance from your plant to any of our poles, stay wires or pylons. Any contact with these by your plant could cause the line to break and fall to the ground.

4 EMERGENCY PROCEDURES

If contact is made with an overhead line, you must immediately clear the area and suspend all work within 50m of the damage because the line could still be live, or become live again.

The operator of a machine that is in contact with an overhead line should take the following steps:

- **If the machine is still operable:**
 - lower any raised parts that are controlled from the driving position and/or drive the vehicle clear of the line, as long as neither of these actions risk breaking the line or dragging it to the ground.

● **If the machine is not operable or cannot be driven clear of the line:**

- stay in the cab.
- contact your site manager or us immediately by radio or mobile phone or as soon as possible by any other method.
- instruct everyone outside the vehicle not to approach it.
- do not exit the cab until given confirmation BY WPD PERSONNEL that it is safe to do so.

● **If the machine is inoperable or cannot be driven free and there is risk of fire or other immediate hazard:**

- jump clear of the vehicle, avoiding simultaneous contact with any part of the machine and the ground.
- try to land with your feet as close together as possible.
- where possible, continue to move away from the vehicle using "bunny hops" with your feet together until at least 15m from the vehicle.
- instruct other people in the vicinity not to approach the vehicle.
- do not return to the vehicle until given confirmation BY WPD PERSONNEL that it is safe to do so.

Whatever the circumstances please contact us on our emergency number immediately and tell us what has happened.

Please be ready to provide us with a contact telephone number and an accurate location or set of directions – this will help us in getting our staff to site quickly to minimise any danger and to reduce any disruption to your work.

Our emergency number is:

105 or 0800 6783 105

Please report any damage or contact no matter how minor they may seem to you at the time. Whilst the damage may not cause a serious problem at the time of contact it could fail later, causing danger to our staff and members of the public, disruption to our customer's supplies, and – if we trace the damage back to you – a larger repair bill!

5 MORE INFORMATION

- Proximity Warning Systems (such as Wire Watcher – see wirewatcher.co.uk for information) may be fitted to your vehicle. Never turn these devices off or disable them in any way.
- Take note of any warnings these proximity warning systems may provide but do not use the presence of such devices as a reason not to follow the advice provided in this leaflet.
- For your information, we are legally obliged to report all contact with our system to the Department of Trade and Industry (DTI), and, if you are an employer, you may be obliged to report incidents involving your staff or contractors to the Health & Safety Executive (HSE). Even if no one is hurt, you could still find yourself being prosecuted for causing a dangerous occurrence.

6 FURTHER READING

For advice related to signing and guarding at longer term work sites please also refer to WPD booklet "Avoidance of Danger from Electricity Overhead Lines and Underground Cables"

More detailed information is also published in the following documents available from the HSE.

GS6 – Avoidance of Danger from Overhead Lines.

HS(G) 47 – Avoiding Danger from Underground Services.

Along with Forestry Industry Safety Accord (FISA) publication **FISA 804 - Electricity at Work: Forestry.**

If you require more site-specific information relating to our equipment at your location please contact us on the relevant **GENERAL ENQUIRIES NUMBER:**

0800 096 3080

FINALLY.... Please, always remember that electricity overhead lines can be very dangerous – **the general rule is STAY AWAY and STAY SAFE!**

For the Safe Use of Mechanical Plant in the Vicinity of Electricity Overhead Lines ALWAYS FOLLOW THESE SIMPLE RULES – THEY COULD SAVE YOUR LIFE!

- **Treat all overhead lines as live and dangerous**
- **Any contact may be fatal or cause very serious injuries**
- **Electricity can jump gaps**
- **Before you set up or use plant near to lines – STOP and LOOK UP**
- **Take special care and use lights in the dark or poor light conditions**
- **If there are lines in the vicinity of your work – stay well away**
- **Set up your plant with care to reduce the chance of contact**
- **If you are unsure or need advice**
 - please ask us before starting work

Our emergency number is: 105 or 0800 6783 105

You can also call 105 if you spot damage to electricity power lines, poles and substations which could put you or someone else in danger.

If there's a serious immediate risk, you should also call the emergency services.

This booklet is issued by the Safety Team: wpdsafetyhelpline@westernpower.co.uk



Western Power Distribution (East Midlands) plc. Registered in England and Wales No. 2366923
Western Power Distribution (West Midlands) plc. Registered in England and Wales No. 3600574
Western Power Distribution (South Wales) plc. Registered in England and Wales No. 2366985
Western Power Distribution (South West) plc. Registered in England and Wales No. 2366894
Registered Office: Avonbank, Feeder Road, Bristol BS2 0TB

THIRD PARTY SEARCHES



Search requested by:		Date / Time: Wed, 11 Sep 2019 11:00	
Name	DUNCAN	Company	CORNERSTONE PROJECTS LTD
Address	91 Market Street, Hoylake, Wirral, CH47 5AA		
Email	searches@cornerstoneprojects.co.uk	Telephone	01516325142

Search details:			
Site Name	Filham Access Road	Work type	Other
Site Ref. No 1	15818	Site Ref. No 2	
Address	PL21 0LE		
Grid Reference	264239 / 55319		

Search area:



There are no affected Utilibilly asset owners.

Unaffected Utilibilly asset owners:

Albion Water
SOTA
Telent
KCom
Cholderton Water
Leep Utilities
CGI Logica
Trafficmaster
Engie
Enviroenergy

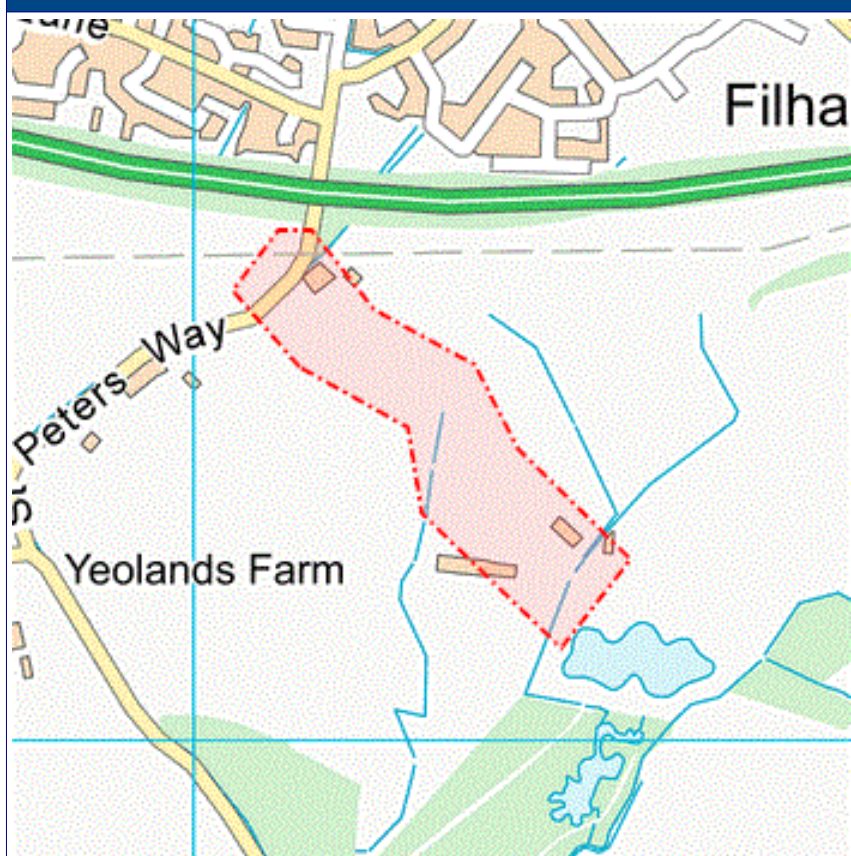
Enquirer

Name	Mr Duncan Phillips	Phone	01516325142
Company	Cornerstone Projects	Mobile	Not Supplied
Address	91 Market Street Hoylake Merseyside CH47 5AA		
Email	searches@cornerstoneprojects.co.uk		

Enquiry Details

Scheme/Reference	15818		
Enquiry type	Initial Enquiry	Work category	Development Projects
Start date	12/10/2019	Work type	Commercial/industrial
End date	12/10/2019	Site size	54207 metres square
Searched location	XY= 264247, 55324	Work type buffer*	25 metres
Confirmed location	264278 055317		
Site Contact Name	Not Supplied	Site Phone No	Not Supplied
Description of Works	Not Supplied		

* 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	Gas 0800111999 Electricity 0800404090	Await response
Wales and West Utilities	02920278912	0800111999	Await response
Western Power Distribution	08000963080	08006783105	Await response

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
CLH Pipeline System Ltd	CNG Services Ltd	Concept Solutions People Ltd
ConocoPhillips (UK) Ltd	DIO (MOD Abandoned 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	Gateshead Energy Company
Gigaclear Ltd	Gtt	Hafren Dyfrdwy
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)	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
Oikos Storage Limited	Ørsted	Perenco UK Limited (Purbeck Southampton Pipeline)
Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos	Phillips 66
Premier Transmission Ltd (SNIP)	Prysmian Cables & Systems Ltd (c/o Western Link)	Redundant Pipelines - LPDA
RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)	SABIC UK Petrochemicals
Scottish Power Generation	Seabank Power Ltd	Severn Trent (Chester area only)
SGN	Shell (St Fergus to Mossmorran)	Shell Pipelines
SSE (Peterhead Power Station)	Tata Communications (c/o JSM Construction Ltd)	Total (Colnbrook & Colwick Pipelines)
Total Finaline Pipelines	Transmission Capital	UK Power Networks
Uniper UK Ltd	Vattenfall	Veolia ES SELCHP Limited

Duncan Phillips
Cornerstone Projects
91 Market St
Hoylake
Wirral
CH47 5AA

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: 11/09/2019
Our Ref: XX_GW3C_3SWX_586500
Your Ref: 15818
RE: Proposed Works, 15818

Thank you for your enquiry which was received on 11/09/2019.
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 overhead lines
- Above ground electricity sites and installations

Requirements

BEFORE carrying out any work you must:

- 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>

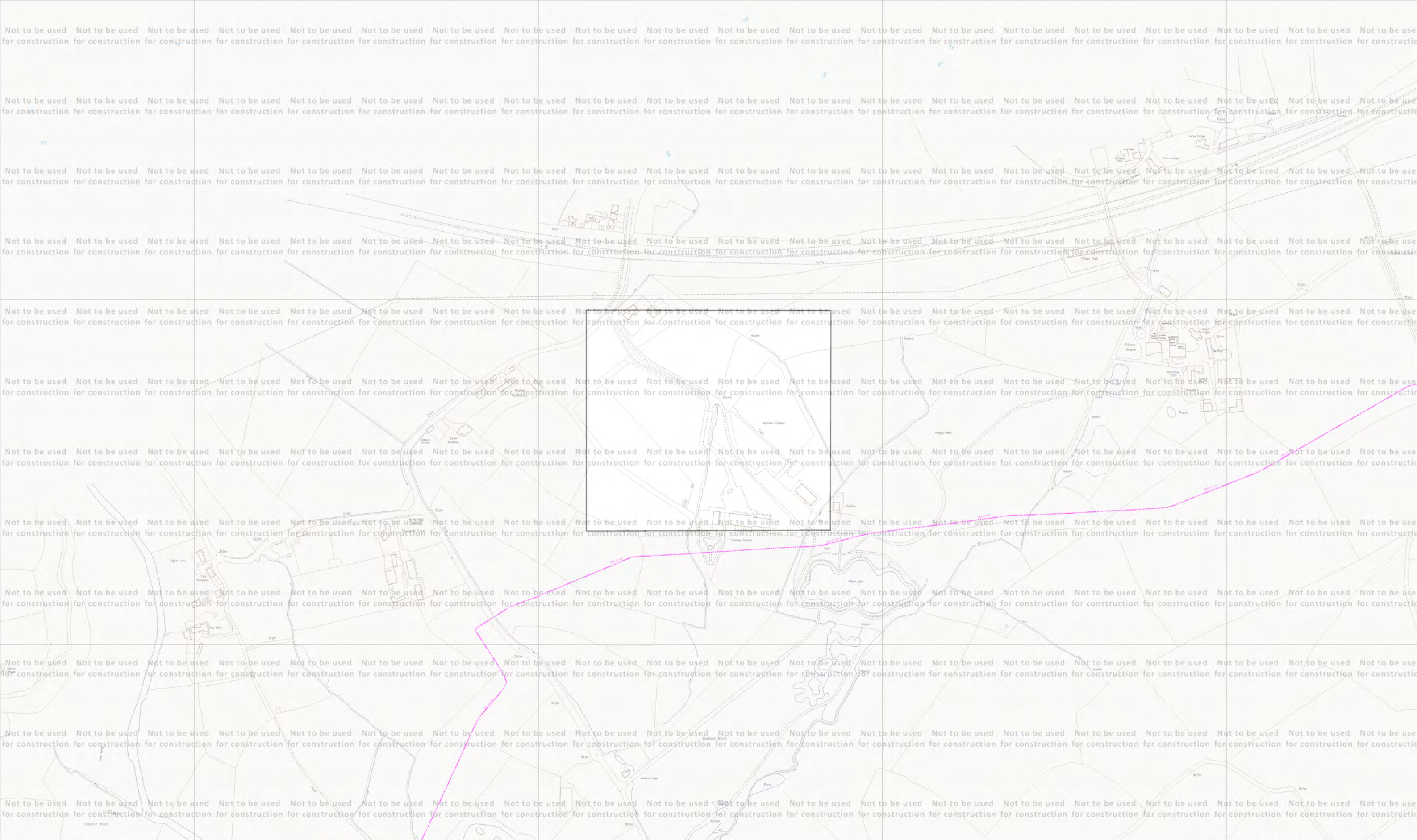
Excavating Safely in the vicinity of gas pipes guidance (Credit card):


<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):




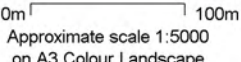
<http://www.nationalgrid.com/NR/rdonlyres/35DDEC6D-D754-4BA5-AF3C-D607D05A25C2/44858/ExcavatingSafelyCreditCardelectricitycables.pdf>

Copies of all the Guidance Documents can also be downloaded from the [National Grid](#) and [Cadent](#) websites.



ID: XX_GW3C_3SWX_586500		View extent: 2060m, 1220m		Map not to be used for construction		Map 1 of 2 (GAS)	
USER: cornerstone		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: 11/09/2019		MP MAINS				 Your Gas Network	
DATA DATE: 10/09/2019		IP MAINS					
REF: 15818		LHP MAINS					
MAP REF: SX6455		NHP MAINS					
CENTRE: 264247, 55325		<div>0m100m</div> <div>Approximate scale 1:5000</div> <div>on A3 Colour Landscape</div>		Requested by: Cornerstone Projects		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>Valve</div> <div>Depth of Cover</div> <div>Syphon</div> <div>Diameter Change</div> <div>Material Change</div> <div>Out of Standard Service</div>					



ID: XX_GW3C_3SWX_586500		View extent: 2060m, 1220m		Map not to be used for construction		Map 2 of 2 (ELECTRIC)	
USER: cornerstone		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	
DATE: 11/09/2019		Overhead lines 					
DATA DATE: 22/05/2019							
REF: 15818							
MAP REF: SX6455						Requested by: Cornerstone Projects	
CENTRE: 264247, 55325						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	

CABLE



Cornerstone Projects Ltd

91 Market Street
Hoylake
Wirral
CH47 5AA

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.1146610
Your Letter Date: 11.09.2019
Your Ref: 15818
Date: 12.09.2019

Dear Sir /Madam

Enquiry Location: Filham Park, Ivybridge CH47 5AA.

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.

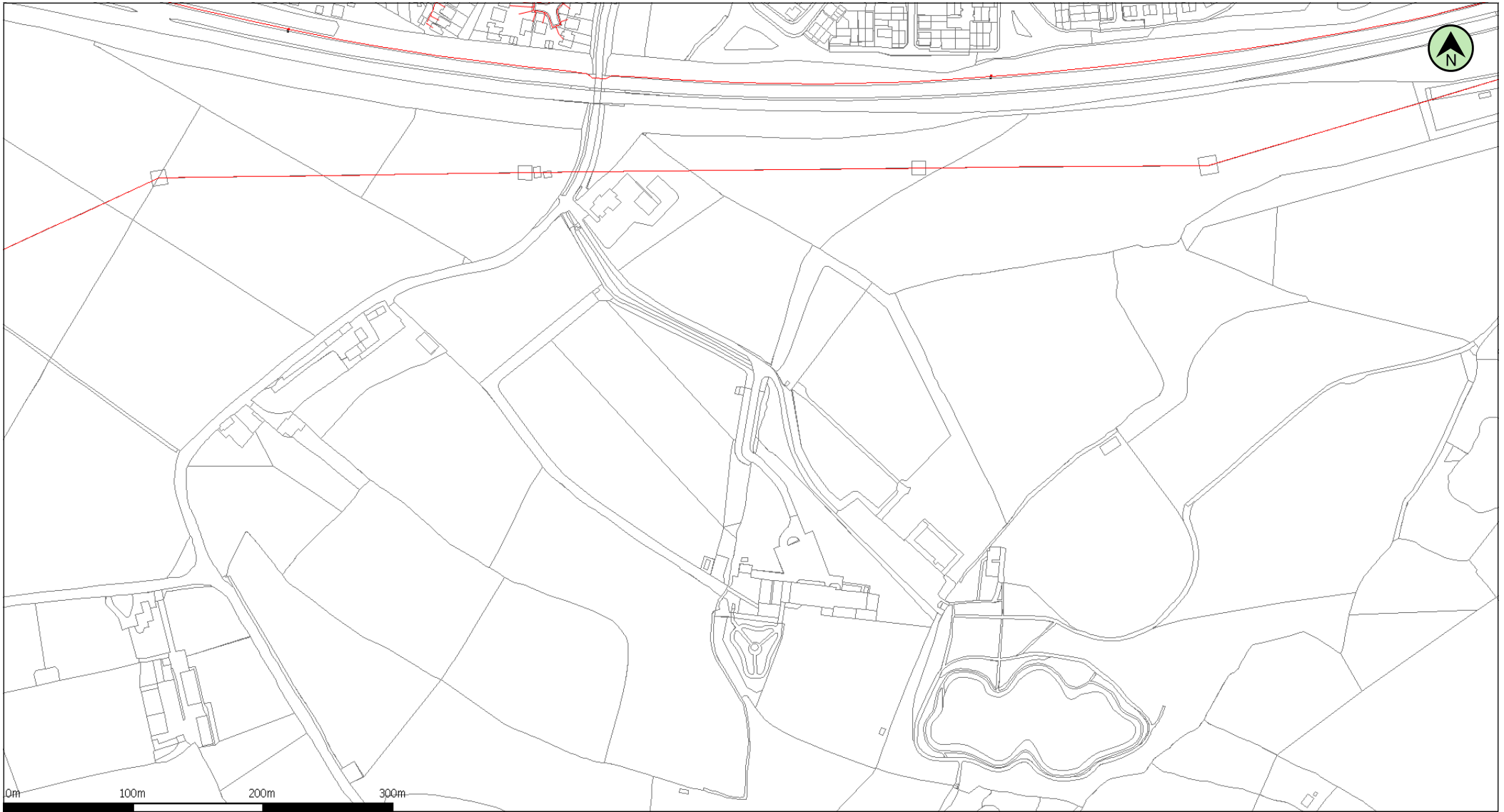
Or if you prefer to talk, please call the New Developments team on: 0800 408 0088 Option 2

Yours faithfully,

National Plant Enquiries Team

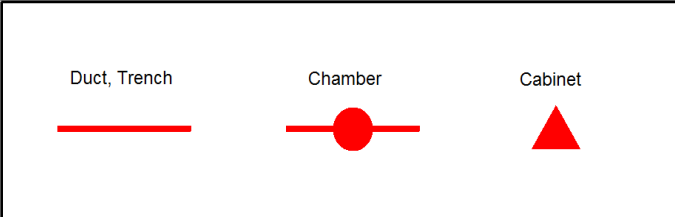
Email: plant.enquiries.team@virginmedia.co.uk

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



(c) Crown copyright and database rights 2019 Ordnance Survey 100019209 Date: 12/09/19 Scale: 1:4160 Map Centre: 264247,55325 Data updated: 02/09/19 Telecoms Plan A4

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 2019 Ordnance Survey 100019209.



bharath.gowda@virginmedia.co.uk
VM.1146610



Searches - Cornerstone Projects Ltd

From: NRSWA <nrswa.nrswa@sky.uk>
Sent: 12 September 2019 09:51
To: searches@cornerstoneprojects.co.uk
Subject: Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325



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



From: Searches - Cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Sent: 11 September 2019 11:06
To: Searches - Cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Subject: [EXTERNAL] Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

Dear Sirs,

Re: - Underground Apparatus / Plant

Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of works at the above site location, please provide plan(s) indicating the general position and nature of your apparatus in the locality. In addition, please highlight any likely special problems that could arise in connection with your apparatus as a result of the works and any limitations on the quality of the information provided.

The proposed site area is centered accurately on the OS grid reference above and will be no more than 200m x 200m, unless noted otherwise in which case the site boundaries will be as marked on the attached plan. If you have no apparatus in the area of the proposed works, please send a nil return.

Searches - Cornerstone Projects Ltd

From: Plantenquiries <plantenquiries@catelecomuk.com>
Sent: 17 September 2019 09:00
To: Searches - Cornerstoneprojects.co.uk
Subject: RE: Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

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: Searches - Cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Sent: 11 September 2019 11:06
To: Searches - Cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Subject: Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

Searches - Cornerstone Projects Ltd

From: KPN Plant Enquiries <kpn.plantenquiries@instalcom.co.uk>
Sent: 16 September 2019 15:13
To: 'Searches - Cornerstoneprojects.co.uk'
Subject: RE: K09-19- 1629 Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325



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: Searches - Cornerstoneprojects.co.uk [mailto:searches@cornerstoneprojects.co.uk]
Sent: 11 September 2019 11:06
To: Searches - Cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Subject: Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

Searches - Cornerstone Projects Ltd

From: Plant Enquiries <plantenquiries@energetics-uk.com>
Sent: 12 September 2019 11:20
To: Searches - Cornerstoneprojects.co.uk
Subject: RE: Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

Dear Sir/Madam,

Thank you for submitting your recent plant enquiry.

Based on the information provided, I can confirm that Energetics **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@energetics-uk.com

Regards



Plant Enquiries

|
e: plantenquiries@energetics-uk.com | w: www.energetics-uk.com
a: Fenick House, Lister Way, Hamilton International Technology Park



From: Searches - Cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Sent: 11 September 2019 11:06
To: Searches - Cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Subject: Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

Dear Sirs,

Re: - Underground Apparatus / Plant

Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of works at the above site location, please provide plan(s) indicating the general position and nature of your apparatus in the locality. In addition, please highlight any likely special problems that could arise in connection with your apparatus as a result of the works and any limitations on the quality of the information provided.

The proposed site area is centered accurately on the OS grid reference above and will be no more than 200m x 200m, unless noted otherwise in which case the site boundaries will be as marked on the attached plan. If you have no apparatus in the area of the proposed works, please send a nil return.

Your earliest response would be greatly appreciated.

Thanks,

Searches - Cornerstone Projects Ltd

From: online.plantenquiries@cityfibre.com
Sent: 11 September 2019 12:13
To: searches@cornerstoneprojects.co.uk
Subject: CityFibre Plant Enquiry, issued on 9/11/19 12:13 PM. Reference 1akl63tdlkc34n8.
Attachments: emap.pdf

You recently requested information pertaining to the above location and in relation to CityFibre Holdings Ltd plant.

Reference 1akl63tdlkc34n8

User: OYSdphillips

Title: 15818

Comment:

Please find attached a plan of the area of your interest that may contain plant which may be affected by your proposed works.

The validity of this response is 6 weeks, after such time a new enquiry would need to be made.

Please see the points of contact below if they are required:

Plant Enquiries
Rutherford House
Birchwood Park
Warrington
WA3 6ZH
asset.team@cityfibre.com

Please quote the Reference ID in the subject line in any correspondence.

Please be aware that all information included in this eMap is the property of the sender and subject to copyright. It is illegal to copy or send this information to any third party without the permission of the sender.

LEGEND

- EXISTING PLANT
- EXISTING PLANT

© Crown copyright 2015
Licence No. OS 0100031673

Head Office
CityFibre Holdings Ltd
15 Bedford Street,
London,
WC2E 9HE
Tel: 0845 293 0774
Web: www.cityfibre.com

Asset Office
CityFibre Holdings Ltd,
Rutherford House,
Birchwood,
Warrington,
WA3 6ZH
Email: asset.team@cityfibre.com

Disclaimer:

Information shown on this plan is for general guidance only. No warranty is made as to its accuracy. This plan must not be solely relied upon in the event of excavation or other works being carried out in the vicinity of Cityfibre plant. No liability of any kind is accepted by Cityfibre, its agents or servants for any error, omission, discrepancy or deviation. This information is valid for the date printed.

Project

Plant Enquiry

Drawing

Existing Plant

Drawn by:

smallworld

Date: 11/09/2019

Drawing No.

CFH_EP_000001

Revision

001

Scale: 1:1250

A4



Higher
Newlands

Filham

Donkey Centre

Searches - Cornerstone Projects Ltd

From: Plantenquiries <Plantenquiries@instalcom.co.uk>
Sent: 17 September 2019 09:47
To: 'Searches - Cornerstoneprojects.co.uk'
Subject: E09-19-3434 RE: Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

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: Searches - Cornerstoneprojects.co.uk [mailto:searches@cornerstoneprojects.co.uk]
Sent: 11 September 2019 11:06
To: Searches - Cornerstoneprojects.co.uk <searches@cornerstoneprojects.co.uk>
Subject: Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

Dear Sirs,

Searches - Cornerstone Projects Ltd

From: UK OSP-Team <osp-team@uk.verizon.com>
Sent: 12 September 2019 16:11
To: Searches - Cornerstoneprojects.co.uk
Cc: UK OSP-Team
Subject: RE: [E] Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

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: Searches - Cornerstoneprojects.co.uk [mailto:searches@cornerstoneprojects.co.uk]
Sent: Wednesday, September 11, 2019 11:06 AM
To: Searches - Cornerstoneprojects.co.uk
Subject: [E] Plant Enquiries - Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

Dear Sirs,

Re: - Underground Apparatus / Plant

Site Ref. 15818 Filham Access Road - Filham Park, Ivybridge - NGR E264247 N55325

In order that all reasonable precautions may be taken to avoid risk to health and safety through contact with any of your existing apparatus during execution of works at the above site location, please provide plan(s) indicating the general position and nature of your apparatus in the locality. In addition, please highlight any likely special problems that could arise in connection with your apparatus as a result of the works and any limitations on the quality of the information provided.

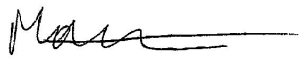
The proposed site area is centered accurately on the OS grid reference above and will be no more than 200m x 200m, unless noted otherwise in which case the site boundaries will be as marked on the attached plan. If you have no apparatus in the area of the proposed works, please send a nil return.

Your earliest response would be greatly appreciated.

Thanks,

Jamie Humphrey
Projects Manager
Cornerstone Projects Ltd
91 Market Street, Hoylake, Wirral CH47 5AA
www.cornerstoneprojects.co.uk
Email : searches@cornerstoneprojects.co.uk
Tel : 0151 632 5142
Registered in England 5132353.
Registered Address : Cornerstone Projects Ltd, 91 Market Street, Hoylake, Wirral CH47 5AA

QUALITY CHECK

Checked and issued by:	
Name:	
Date:	
Plans are valid until:	
Unless noted otherwise plans are valid for three months from date of issue - please note the date shown above is approximate. After the above date please contact us to arrange a refreshed utility search pack at www.cornerstoneprojects.co.uk	

Cornerstone Projects Ltd is a UK wide desktop underground utility search expert:

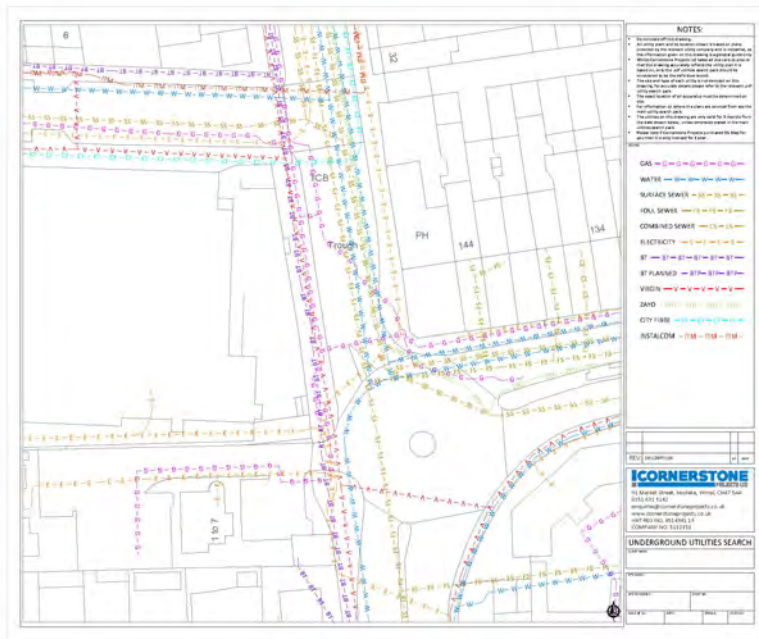
- Market leading pricing and response times
 - Comprehensive utility database
 - 15 Years plus experience
 - Over 50,000 completed searches
 - Over 2750 registered businesses
- Searches to PAS 128 survey level D
 - ISO9001 certified company

91 Market Street Hoylake Wirral CH47 5AA
Tel. 0151 632 5142
enquiries@cornerstoneprojects.co.uk
www.cornerstoneprojects.co.uk
VAT Reg. No. 851 4941 19
Company No. 5132353



Want an easier way to interpret your utility search results?

Searching through your utility results can be time consuming and complex. Here at Cornerstone, we have the ability to produce one consolidated drawing which will allow you to view all your results on a single plan. Moreover, as the utilities are drawn in separate layers, you will also be able to turn different layers on and off to allow you to focus on individual utilities.



We can produce your consolidated drawing in .dwg (CAD) format from £60.00 + VAT.
We can also convert this into a Smart .PDF starting from £70.00 + VAT.

Call us on 0151 632 5142 or email enquiries@cornerstoneprojects.co.uk for a quote for this site. Please provide your site name/reference.

Need help with administering road opening licences, capacity checks or gaining quotes from the utility companies for connecting or diverting services?

Section 50 /Road Opening Licence – We will complete the application required to obtain the Section 50 and/or road opening licence on your behalf – our fee is from as little as £150.00+VAT plus Council charges.

Capacity check – We will complete an application to determine whether a utility has sufficient capacity for your proposed development and if not, what budget costs would be required to reinforce the network – our fee is from as little as £150.00+VAT per utility plus disbursements.

New Connections/Disconnections – We will complete the administration required to obtain quotes from the utilities to connect or disconnect from as little as £150.00+VAT per utility plus disbursements.

Diversions – We will complete the application required to obtain costs and suggested diversions required for your intended works from as little as £150.00+VAT per utility plus disbursements.

91 Market Street Hoylake Wirral CH47 5AA
Tel. 0151 632 5142
enquiries@cornerstoneprojects.co.uk
www.cornerstoneprojects.co.uk
VAT Reg. No. 851 4941 19
Company No. 5132353

Registered in England. Registered Address : Cornerstone Projects Ltd, 91 Market Street, Hoylake, Wirral CH47 5AA

APPENDIX B

METHOD STATEMENTS AND RISK ASSESSMENTS GENERAL GUIDE TO CONTENTS

Method Statements and Risk Assessments – General Guide to Contents

Method Statements should include the following information:-

- (a) The item of work.
- (b) The location, including access and site boundary.
- (c) Duration of the works, including key stages.
- (d) Safety arrangements required.
- (e) Personnel involved – numbers, skills, training and PPE requirements.
- (f) Briefing arrangements for site personnel affected by the Method Statements.
- (g) Resources to be used (plant and machinery).
- (h) Detail of how the work will be carried out, including drawings and/or explanation, and necessary scaffolding/ladders, and arrangements for erection and dismantling temporary works.
- (i) Detail of temporary works required.
- (j) Risks identified with proposed method of control.
- (k) Emergency arrangements – fire, injury, etc.

Method statements included in the Construction Health & Safety Plan will usually include:-

- Erection of structures.
- Excavations.
- False work and form work.
- Confined spaces.
- Operations with concrete.
- Scaffolds and temporary access equipment.
- Working platform / towers.
- Work at height or on roofs.
- Manual handling
- Traffic Management.
- Heavy materials: Where materials exceeding 20kg need to be taken from or installed in the building, the Principal Contractor shall describe the method of dismantling / transporting / unloading / installing.

Please note this list is neither exhaustive nor exclusive.

APPENDIX C

APPENDIX 3, CDM 2015 GUIDANCE ON REGULATIONS (L153) REQUIREMENTS OF THE CONSTRUCTION PHASE PLAN

Outline Checklist for Construction Phase Plans

This list is not exhaustive and should be used in conjunction with the rest of the Pre-Construction Information and the principal contractor's own assessment of requirements.

1. Construction

- Description of Project.
- Programme of works.
- Details of parties involved.
- Schedule of elements of the works.
- Method Statements for each element of the work.
- Risk Assessments for each method statement.
- COSHH Assessments.

2. Site wide Elements

- Welfare : First Aid, washing, toilets, eating.
- Signage : Identify safety hazards such as steep drops.
- Monitoring system for compliance: Company H & S officer visits, on site responsibility, safety check lists and frequency of checks. Details of report and investigation of accidents and incidents (including near misses).
- Emergency procedures: Telephone for emergency use clearly marked with its number. Fire safety plan. Nominated person, and evacuation procedure. List of emergency telephone numbers clearly displayed.
- Exclusion of unauthorised persons from site: signs, fences, signing in visitors.
- H & S training: site inductions and record. How are relevant parts of Plan communicated to those affected, advice / views of site personnel (? safety representatives). Copies of contractors and sub-contractors Health & Safety Policy to be available on site.
- Selection and control of contractors.
- Shared equipment: P.C to coordinate and manage, fault reporting, communication on limitations of use.
- Works site layout plan: Parking arrangements, signage, security fencing, lighting, location of site accommodation and welfare facilities and traffic management system including emergency access routes.
- Arrangements for works and emergency lighting.
- Potential hazards: Safe work plans to be prepared to include noise, vibration, dust, collecting and disposing of construction waste and general waste, including sewage and rubbish, Weil's disease, overhead and buried services.
- Hazardous materials storage including fuel.
- Arrangements for maintenance of plant and equipment.

This list is neither exhaustive nor exclusive.

APPENDIX D

APPENDIX 4, CDM 2015 GUIDANCE ON REGULATIONS (L153) REQUIREMENTS OF THE HEALTH AND SAFETY FILE

Appendix 4 The health and safety file

1 This Appendix gives guidance on the preparation, provision and retention of a health and safety file and the actions on each dutyholder. Appendix 5 shows how the health and safety file relates to and influences other types of information during a construction project involving more than one contractor.

What is the health and safety file?

2 The health and safety file is defined as a file appropriate to the characteristics of the project, containing relevant health and safety information to be taken into account during any subsequent project. **The file is only required for projects involving more than one contractor.**

3 The file must contain information about the current project likely to be needed to ensure health and safety during any subsequent work, such as maintenance, cleaning, refurbishment or demolition. When preparing the health and safety file, information on the following should be considered for inclusion:

- (a) a brief description of the work carried out;
- (b) any hazards that have not been eliminated through the design and construction processes, and how they have been addressed (eg surveys or other information concerning asbestos or contaminated land);
- (c) key structural principles (eg bracing, sources of substantial stored energy – including pre- or post-tensioned members) and safe working loads for floors and roofs;
- (d) hazardous materials used (eg lead paints and special coatings);
- (e) information regarding the removal or dismantling of installed plant and equipment (eg any special arrangements for lifting such equipment);
- (f) health and safety information about equipment provided for cleaning or maintaining the structure;
- (g) the nature, location and markings of significant services, including underground cables; gas supply equipment; fire-fighting services etc;
- (h) information and as-built drawings of the building, its plant and equipment (eg the means of safe access to and from service voids and fire doors).

4 There should be enough detail to allow the likely risks to be identified and addressed by those carrying out the work. However, the level of detail should be proportionate to the risks. The file should **not** include things that will be of no help when planning future construction work such as pre-construction information, the construction phase plan, contractual documents, safety method statements etc. Information must be in a convenient form, clear, concise and easily understandable.

What must dutyholders do?

The client

5 The client must ensure that the principal designer prepares the health and safety file for a project. As the project progresses, the client must ensure that the principal designer regularly updates, reviews and revises the health and safety file to take account of the work and any changes that have occurred. The client should be aware that if the principal designer's appointment finishes before the end of the project, the principal designer must pass the health and safety file to the principal contractor, who then must take on the responsibility for the file.

6 Once the project is finished, the client should expect the principal designer to pass them the health and safety file. In cases where the principal designer has left the project before it finishes, it will be for the principal contractor to pass the file to the client.

7 The client must then retain the file and ensure it is available to anyone who may need it for as long as it is relevant – normally the lifetime of the building – to enable them to comply with health and safety requirements during any subsequent project. It can be kept electronically, on paper, on film, or any other durable form.

8 If a client disposes of their interest in the building, they must give the file to the individual or organisation who takes on the client duties and ensure that the new client is aware of the nature and purpose of the file. If they sell part of a building, any relevant information in the file must be passed or copied to the new owner. If the client leases out all or part of the building, arrangements should be made for the file to be made available to leaseholders. If the leaseholder acts as a client for a future construction project, the leaseholder and the original client must arrange for the file to be made available to the new principal designer.

The designer

9 Where it is not possible to eliminate health and safety risks when preparing or modifying designs, designers must ensure appropriate information is included in the health and safety file about the reasonably practicable steps they have taken to reduce or control those risks. This will involve liaising with:

- (a) the principal designer, in helping them carry out their duty to prepare, update, review and revise the health and safety file. This should continue for as long as the principal designer's appointment on the project lasts; or
- (b) the principal contractor, where design work is carried out after the principal designer's appointment has finished and where changes need to be made to the health and safety file. In these circumstances, it will be the principal contractor's duty to make those changes, but the designer must ensure that the principal contractor has the appropriate information to update the file.

This information should be provided to the principal designer and principal contractor as early as possible before the designer's work ends on the project.

The principal designer

10 The principal designer must prepare the health and safety file. They are accountable to the client and should liaise closely to agree the structure and content of the file as soon as practicable after appointment. In preparing the file, the principal designer should expect the client to provide any health and safety file that may exist from an earlier project.

11 The principal designer must also cooperate with the rest of the project team and should expect their cooperation in return. Cooperation with the principal

contractor is particularly important in agreeing the structure and content of the information included in the file. Liaison with designers and other contractors is also important. They may hold information that is useful for the health and safety file, which may be difficult to obtain after they have left the project.

12 The principal designer, in cooperation with other members of the project team, must also ensure that the file is appropriately updated, reviewed and revised to ensure it takes account of any changes that occur as the project progresses.

13 The principal designer must pass the updated file to the client at the end of the project. In doing this, they should ensure the client understands the structure and content of the file and its significance for any subsequent project. If the principal designer's appointment finishes before the end of the project, they must pass the file to the principal contractor who must then take on responsibility for it. In doing this, the principal designer should ensure the principal contractor is aware of any outstanding issues that may need to be taken into account when reviewing, updating and revising the file.

The principal contractor

14 For the duration of the principal designer's appointment, the principal contractor plays a secondary role in ensuring the health and safety file is fit for purpose. They must provide the principal designer with any relevant information that needs to be included in the health and safety file.

15 Where the principal designer's appointment finishes before the end of the project, the principal contractor must take on responsibility for ensuring that the file is reviewed, updated and revised for the remainder of the project. At the end of the project the principal contractor must pass the file to the client. In doing this, they should ensure the client understands the structure and content of the file and its significance for any subsequent project.

The contractor

16 The contractor has no specific duties placed on them in relation to the health and safety file.