

WREA GREEN FLOOD MITIGATION PRE-CONSTRUCTION INFORMATION

This document provides pre-construction information for the Contractor(s) to ensure that any risks are suitably considered and managed as part of the construction planning process, and contractors are able to develop a suitable method of work that delivers the project safely and effectively (demonstrated through provision of a suitable construction phase plan – provided in advance of works commencing). This document also seeks to ensure that the client is compliant with the Construction and Design Management Regulations 2015.

INTRODUCTION PROJECT DESCRIPTION:

This project will deliver surface water management, specifically runoff pathway management, by seeking to divert water away from areas of flooding concern into alternative flow paths. Surface water drainage from Ribby Hall, and road drainage from Browns Lane will be directed via new piped culverts and existing ponds towards a new attenuation pond. The attenuation pond will be designed to hold a minimum level of water for biodiversity benefit, but with capacity to store up to 2300m³ of storm water, which it will then release slowly. This design has gone through hydraulic modelling to ensure it provides the maximum benefit possible.

The project aims to reduce flood risk to Ribby Road and to residential properties in Wrea Green, as well as creating new wetland habitat through the attenuation pond.

This tender is comprised of two work packages which will be let as independent contracts. This Pre-construction information is applicable to both.

- Work Package 1 includes all culverts, headwalls and manholes from Browns Lane up to and including headwall 8.
- Work Package 2 includes the attenuation pond excavation, associated spoil re-landscaping and flow control weir.

LOCATION:

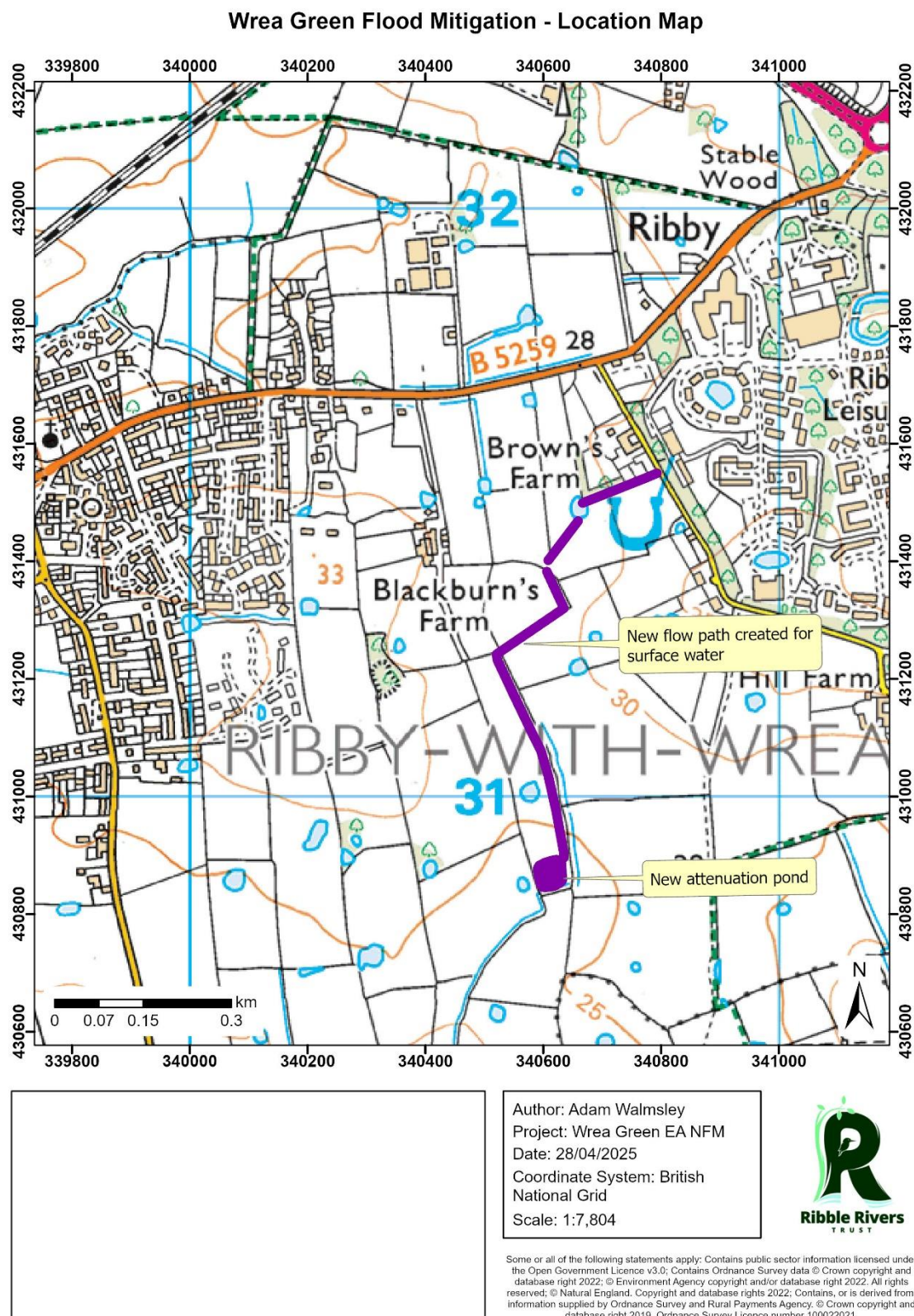


Figure 1. Location map of Wrea Green Flood Mitigation

The location of the scheme is to the East of Wrea Green Village, near Preston, Lancashire.

The northerly end of the project (the start of the culverts, Work Package 1) is at Browns Lane, an unadopted road

- Postcode: PR4 2PA
- Grid reference: SD 40793 31562
- What3Words: trending.thank.opened

The culvert installation continues south and east through Wrea Green School land and into Blackburns Farm land.

The southerly end of the project (culvert installation: Work Package 1, and the attenuation pond: Work Package 2) is on farmland at Blackburn's Farm.

- Postcode: PR4 2PA
- Grid reference: SD 40597 30838
- What3Words: cheeks.organs.formless



THIRD PARTIES:

Lancashire County Council - regulatory body under the Land Drainage Act 1991.

Landowners/Tenants:

There are three landowners affected by these works:

Ribby Hall Village (works on Brown's Lane and land immediately adjacent, up to Manhole 2)

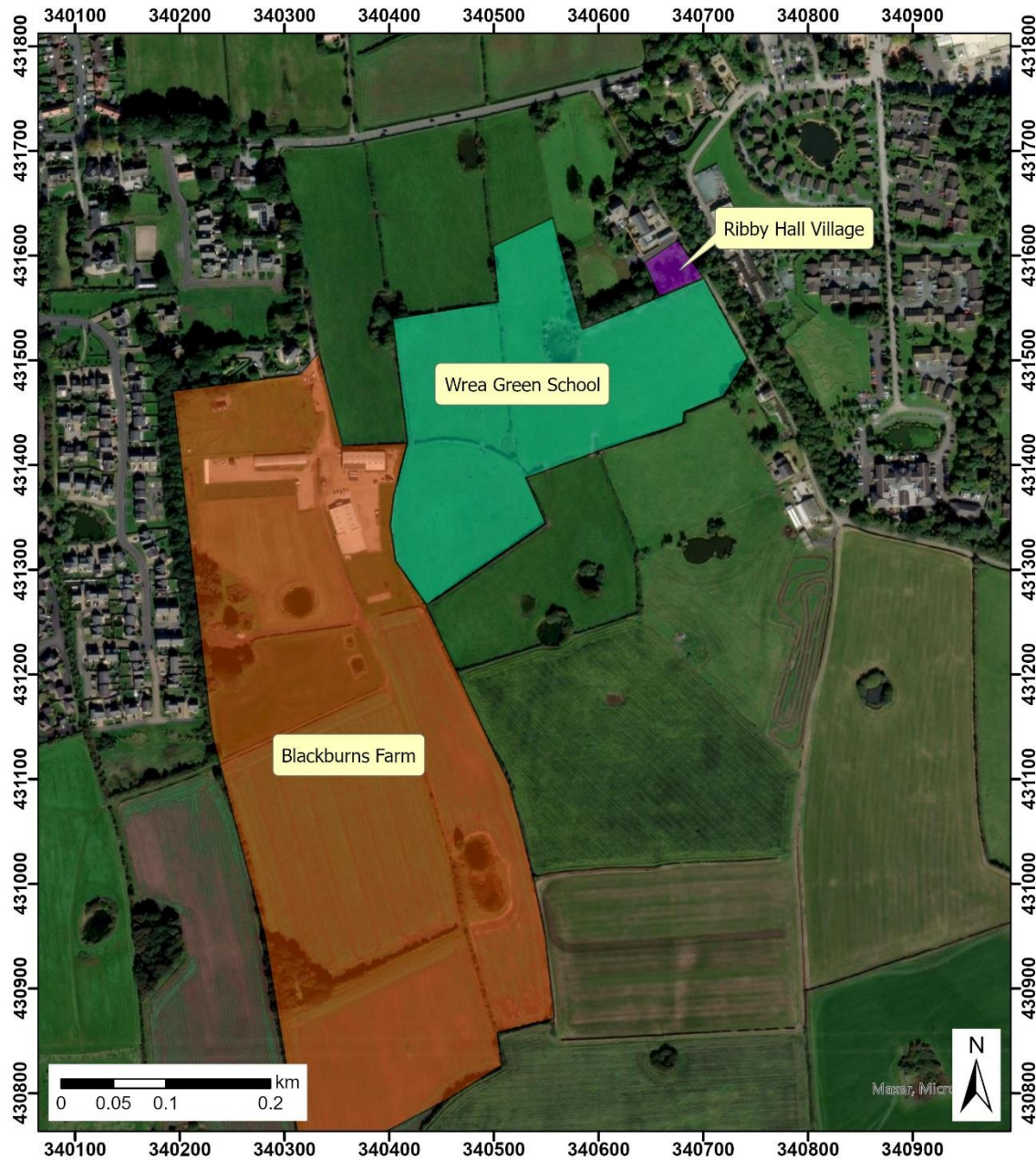
Wrea Green School (works between Brown's Lane and Blackburn's Farm – up to Culvert Outfall Headwall 6)

There is a tenant farmer on the Wrea Green School land.

Blackburn's Farm (works from Culvert Inlet Headwall 7 to new attenuation pond and outfall to brook)

DETAILS ON OWNERSHIP, BOUNDARIES AND ACCESS:

Wrea Green Flood Mitigation - Land Ownership Map

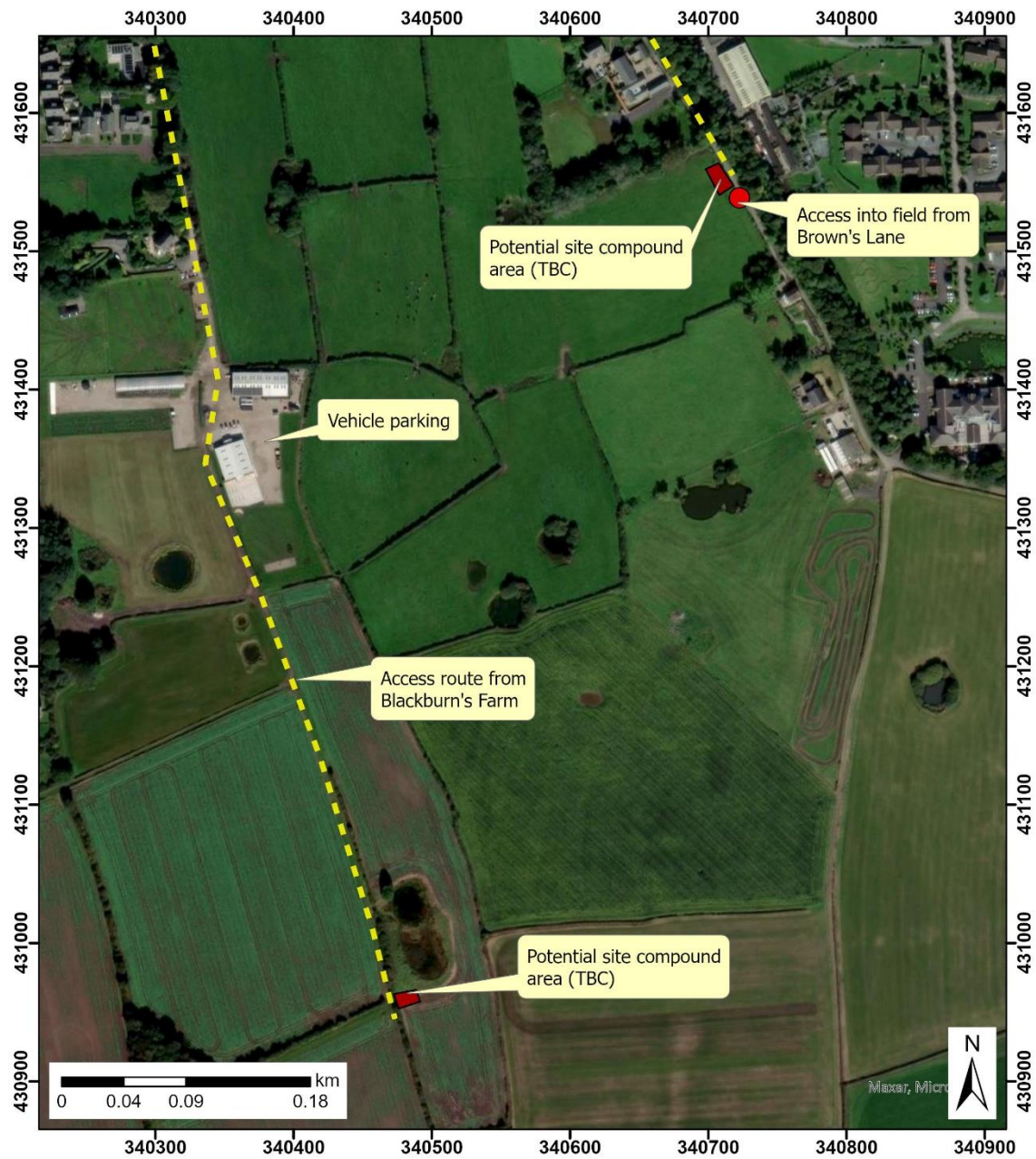


Author: Adam Walmsley
Project: Wrea Green EA NFM
Date: 01/05/2025
Coordinate System: British
National Grid
Scale: 1:4,994



Some or all of the following statements apply: Contains public sector information licensed under the Open Government Licence v3.0; Contains Ordnance Survey data © Crown copyright and database right 2022; © Environment Agency copyright and/or database right 2022. All rights reserved; © Natural England. Copyright and database rights 2022; Contains, or is derived from, information supplied by Ordnance Survey and Rural Payments Agency. © Crown copyright and database right 2019. Ordnance Survey Licence number 100022021.

Wrea Green Flood Mitigation - Site Access Plan



Author: Adam Walmsley
 Project: Wrea Green EA NFM
 Date: 28/04/2025
 Coordinate System: British
 National Grid
 Scale: 1:3,763



Some or all of the following statements apply: Contains public sector information licensed under the Open Government Licence v3.0; Contains Ordnance Survey data © Crown copyright and database right 2022; © Environment Agency copyright and/or database right 2022. All rights reserved; © Natural England. Copyright and database rights 2022; Contains, or is derived from, information supplied by Ordnance Survey and Rural Payments Agency. © Crown copyright and database right 2019. Ordnance Survey Licence number 100022021.

Figure 4. Access plan for Cobbs Clough Weir removal

EXISTING SITE

Brown's Lane is an unadopted road. It serves several properties including a farm.

Brown's Farm is part of Ribby Hall Village and is used as a holiday home. Disturbance must be minimised.

Wrea Green School land is tenanted to a farmer who grazes sheep and cattle.

Blackburns Farm is an arable farm which is diversifying into environmental education, horticulture and other uses. The field in which the scheme is to be constructed is currently oilseed rape, due to be harvested in July. Winter wheat will be sown in late September.

HAZARDOUS MATERIALS

There are no known hazardous materials on site. However, only a visual inspection of the site has been undertaken for identification of hazardous materials. The contractor must notify the client immediately if any hazardous materials are found or suspected.

EXISTING GROUND CONDITIONS

No ground or site investigation has been undertaken. The majority of the site is agricultural and ground conditions are expected to be good in the summer months.

EXISTING BUILDINGS ON OR ADJACENT TO THE SITE

The nearest buildings are Brown's Farm which is near to the Brown's Lane culvert. The building itself will not be affected but the occupants may be disturbed by construction.

UTILITIES

Service checks have been conducted for the works area – please see the appendix.

ENVIRONMENTAL ISSUES:

The project requires working in ponds and ditches. The Contractor should be aware of water-borne diseases, risk of drowning and potentially working at height. The Contractor must also work to a method that minimises the risk of pollution or habitat degradation to these waterbodies.

The project is likely to commence during bird breeding season. The Client will arrange an ecologist to check all habitat for breeding birds in the days before commencement. In the event that bird breeding is discovered, the contractor must adapt their programme and method of works to avoid disturbance to the breeding birds.

Document Reference: WGFM04

Project: Wrea Green Flood Mitigation



The contractor must follow the "Proposed Culvert Work and Precautionary Measures Method Statement" outlined in paragraph 3.3 of the Ecological Surveys report (Pennine Ecology, July 2024).

CONSTRUCTION AND DESIGN MANAGEMENT REGULATIONS 2015

It is anticipated that RRT will submit an F10 notification regardless of whether this is technically required. The Principal Contractor must inform the Client of whether the project will meet the criteria for notification.

The following roles have been identified:

Client

Ribble Rivers Trust

Principle Designer

Ribble Rivers Trust

Designer(s)

Civic Engineers

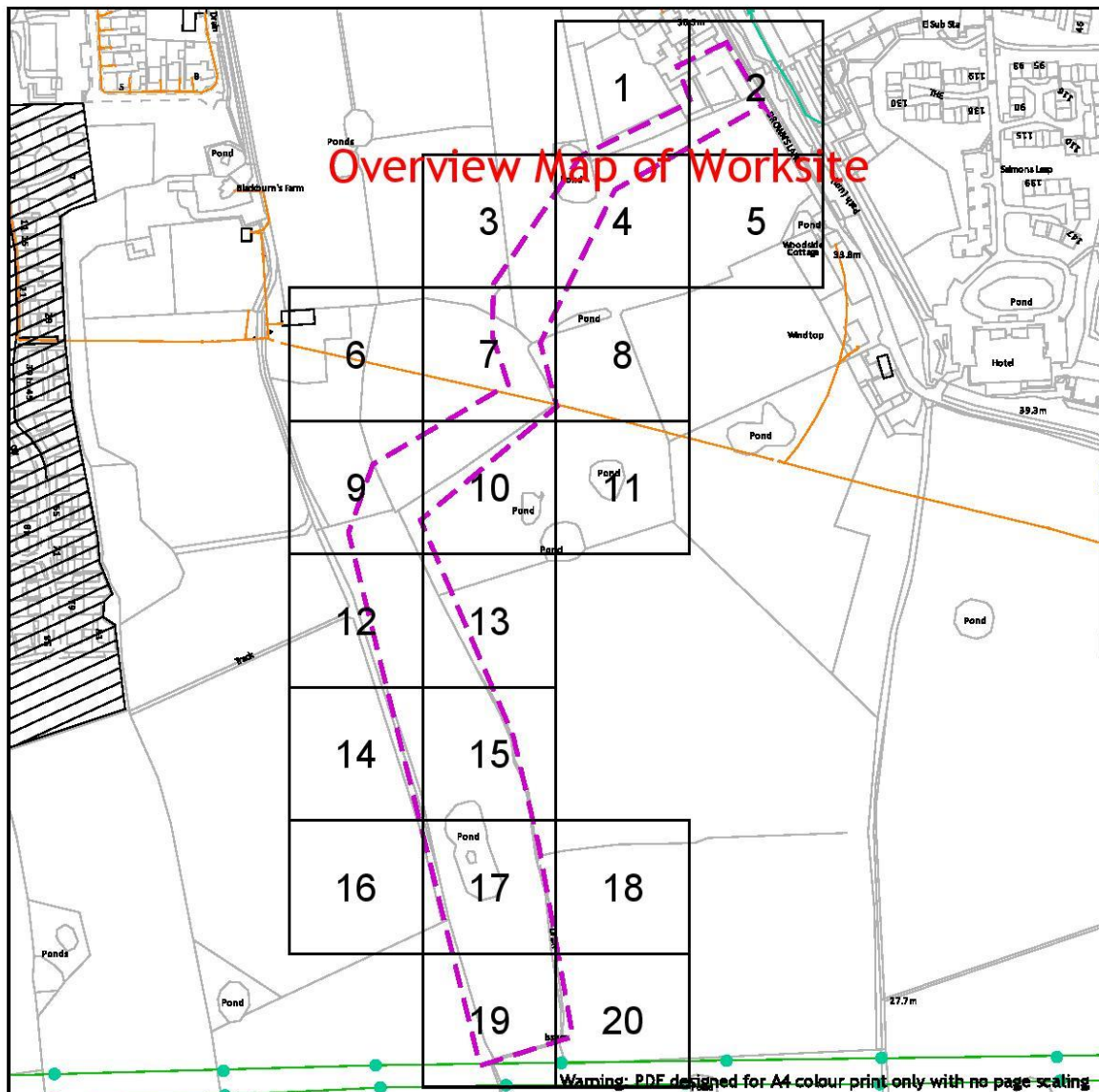
Principal Contractor




To be confirmed

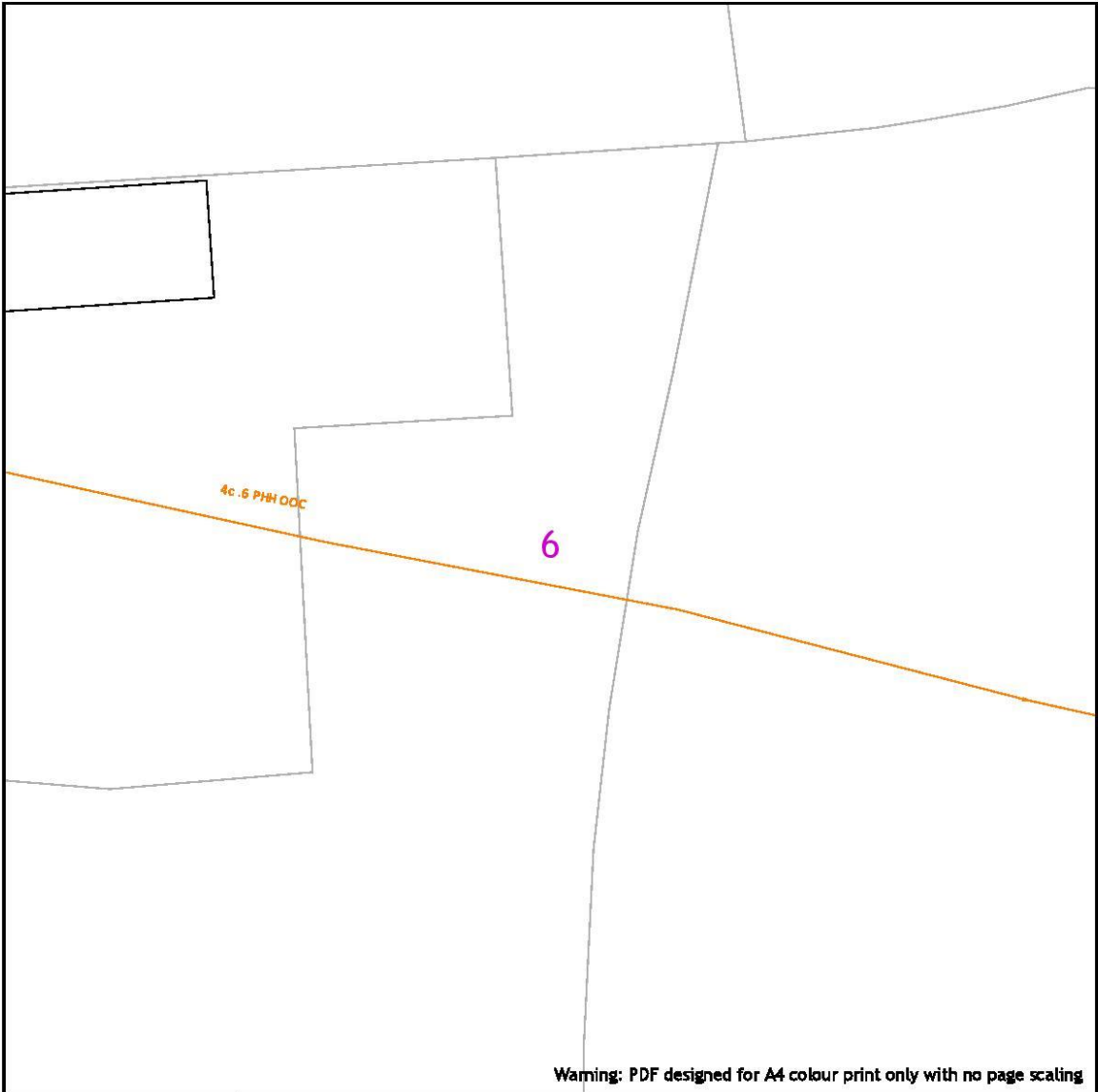
Contractor

To be confirmed












Appendix 1: Utility Service Checks



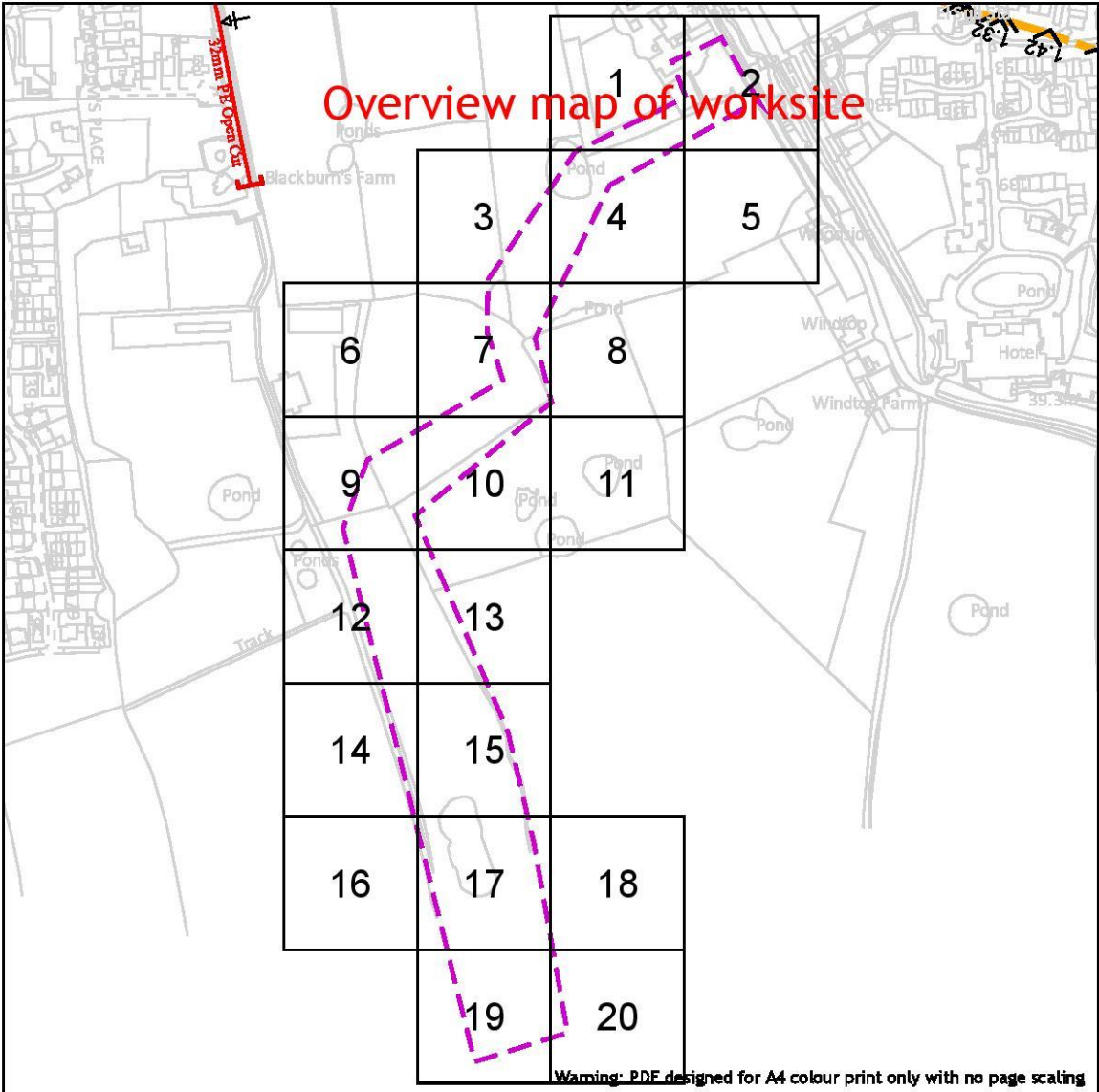
 <p>Bringing energy to your door</p>	<p>Operating Voltage</p> <p>132kV</p> <p>33kV</p> <p>22kV-25kV</p> <p>11kV</p> <p>6kV-6.6kV</p> <p>1kV-6kV</p> <p>LV</p> <p>Unknown Voltage</p>	<p>Colour Code</p> <p>Black</p> <p>Green</p> <p>Yellow</p> <p>Red</p> <p>Blue</p> <p>Violet</p> <p>Orange</p> <p>Brown</p>	<p>Line Colour</p> <p>Black</p> <p>Green</p> <p>Yellow</p> <p>Red</p> <p>Blue</p> <p>Violet</p> <p>Orange</p> <p>Brown</p>	<p>In an emergency call 105, 24 hours a day</p>	<p>Dig Sites</p> <p>Line: </p> <p>Area: </p>
<p>Electricity North West Borron Street Portwood, Stockport Cheshire, SK1 2JD Phone: 0800 195 4141 Email: planrequest@enwl.co.uk</p> <p>Date Requested: 10/04/2025 Job Reference: 36933997 Site Location: 340541 431146 Requested by: Miss Abigail Gunson Your Scheme/Reference: Wrea Green</p> <p>Scale: 1:4100 (When plotted at A4)</p>	<p>IMPORTANT INFO</p> <p>Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited.</p> <p>Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoiding Danger from Overhead Power Lines".</p> <p>Electricity North West Limited, Borron Street, Portwood, Stockport, Cheshire, SK1 2JD Registered in England and Wales. Registered No 02366949</p> <p><small>Reproduced from or based upon Ordnance Survey's map with the permission of His Majesty's Stationary Office. Crown Copyright Reserved. LICENCE No. 130017802. Unauthorised reproduction may lead to Prosecution or Civil Proceedings.</small></p>				
















Warning: PDF designed for A4 colour print only with no page scaling

 Bringing energy to your door	Operating Voltage	Colour Code	Line Colour	In an emergency call 105, 24 hours a day	Dig Sites
	132kV	Black			Line: 
Electricity North West Borron Street Portwood, Stockport Cheshire, SK1 2 JD Phone: 0800 195 4141 Email: planrequest@enwl.co.uk	33kV	Green			Area: 
	22kV-25kV	Yellow			
	11kV	Red			
	6kV-6.6kV	Blue			
	1kV-6kV	Violet			
Date Requested: 10/04/2025 Job Reference: 36933997 Site Location: 340541 431146 Requested by: Miss Abigail Gunson Your Scheme/Reference: Wrea Green Flood Mitigation	LV	Orange			
	Unknown Voltage	Brown			
IMPORTANT INFO Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NUJG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoiding Danger from Overhead Power Lines". Electricity North West Limited, Borron Street, Portwood, Stockport, Cheshire, SK1 2JD Registered in England and Wales. Registered No 02366949					
Scale: 1:500 (When plotted at A4)					

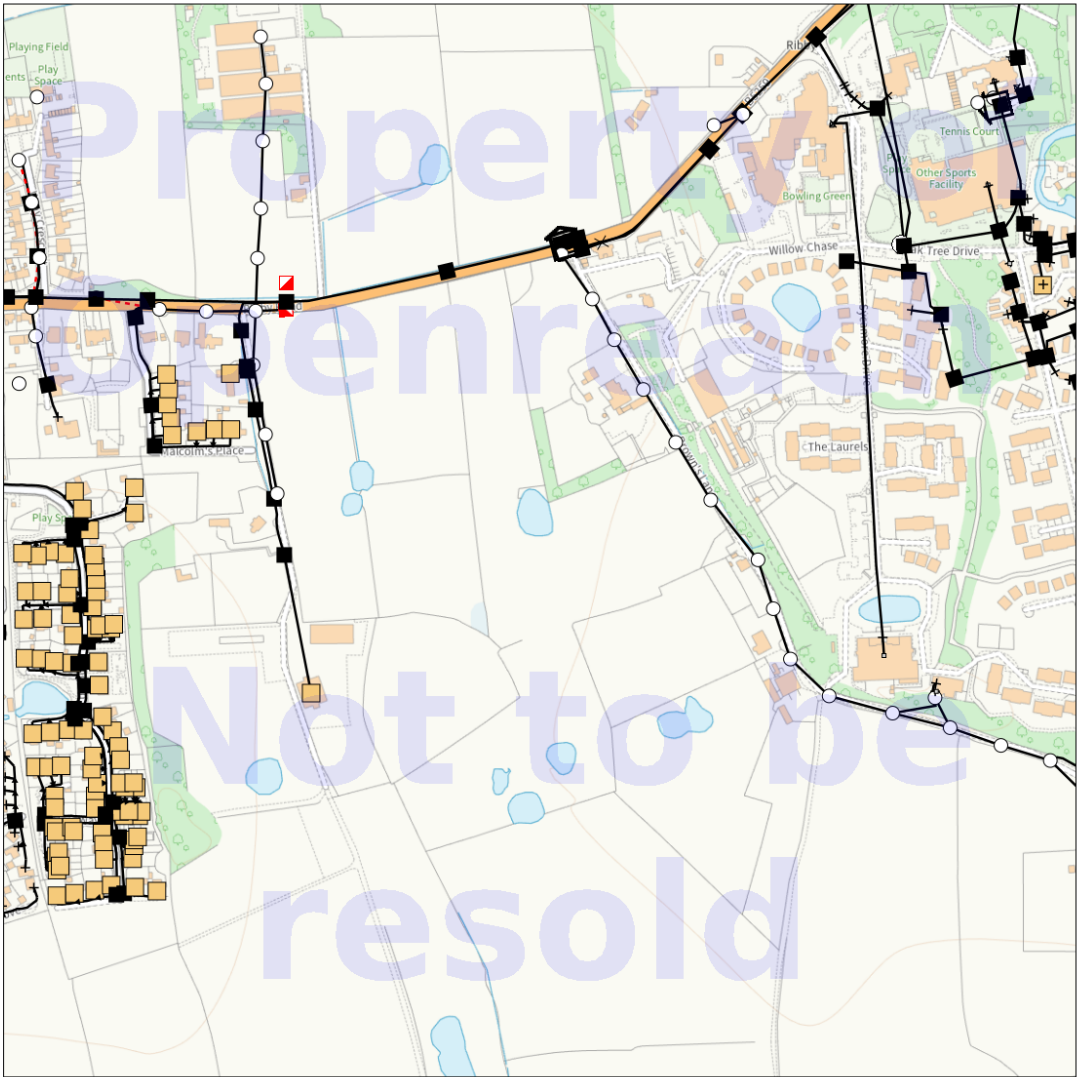
Reproduced from or based upon Ordnance Survey's map with the permission of His Majesty's Stationary Office. Crown Copyright Reserved. LICENCE No. 100017862. Unauthorised reproduction may lead to Prosecution or Civil Proceedings.



Warning: PDF designed for A4 colour print only with no page scaling

<div><p>Cadent Your Gas Network</p></div>	<div><div><div>Dig Sites</div><div><div></div><div></div><div></div><div></div></div><div><div>LP Mains</div><div>MP Mains</div><div>IP Mains</div><div>LHP Mains</div></div></div><div><div>Area: </div><div><div></div><div></div><div></div></div><div><div>Valve</div><div>Depth of cover</div><div>Syphon</div></div></div><div><div>Line: </div><div><div></div><div></div><div></div></div><div><div>Diameter Change</div><div>Material Change</div><div>Out of Standard Service</div></div></div></div>	<div><p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.</p><p>Out-of-standard service symbology may be used to indicate one or more of the following:</p><ul style="list-style-type: none">• Identification of shallow services• Identification of dual services• Recording of non-perpendicular services<p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p></div>
<div><p>Date Requested: 10/04/2025</p><p>Job Reference: 36933997</p><p>Site Location: 340541 431146</p><p>Requested by: Miss Abigail Gunson</p><p>Your Scheme/Reference: Wrea Green</p><p>View extent: 100m, 100m</p><p>Scale: 1:4100 (When plotted at A4)</p></div>	<div><p>IMPORTANT NOTICES</p><p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards 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 errors 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><p>In case of emergency call - 0800 111 999</p><p><small>Crown Copyright © - The plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024885</small></p></div>	

Maps on Demand Plant Information Reply



IMPORTANT WARNING

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



openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE
email cbyd@openreach.co.uk

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

Accidents happen

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

© Crown copyright 2023 OS 100028040. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-license, distribute or sell any of this data to third parties in any form.

KEY TO BT SYMBOLS

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

BT Ref : QQV14491I
Map Reference : (centre) SD4065931464
Easting/Northing : (centre) 340659,431464
Scale : 1:1000
Issued : 10/04/2025 14:50:21

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

