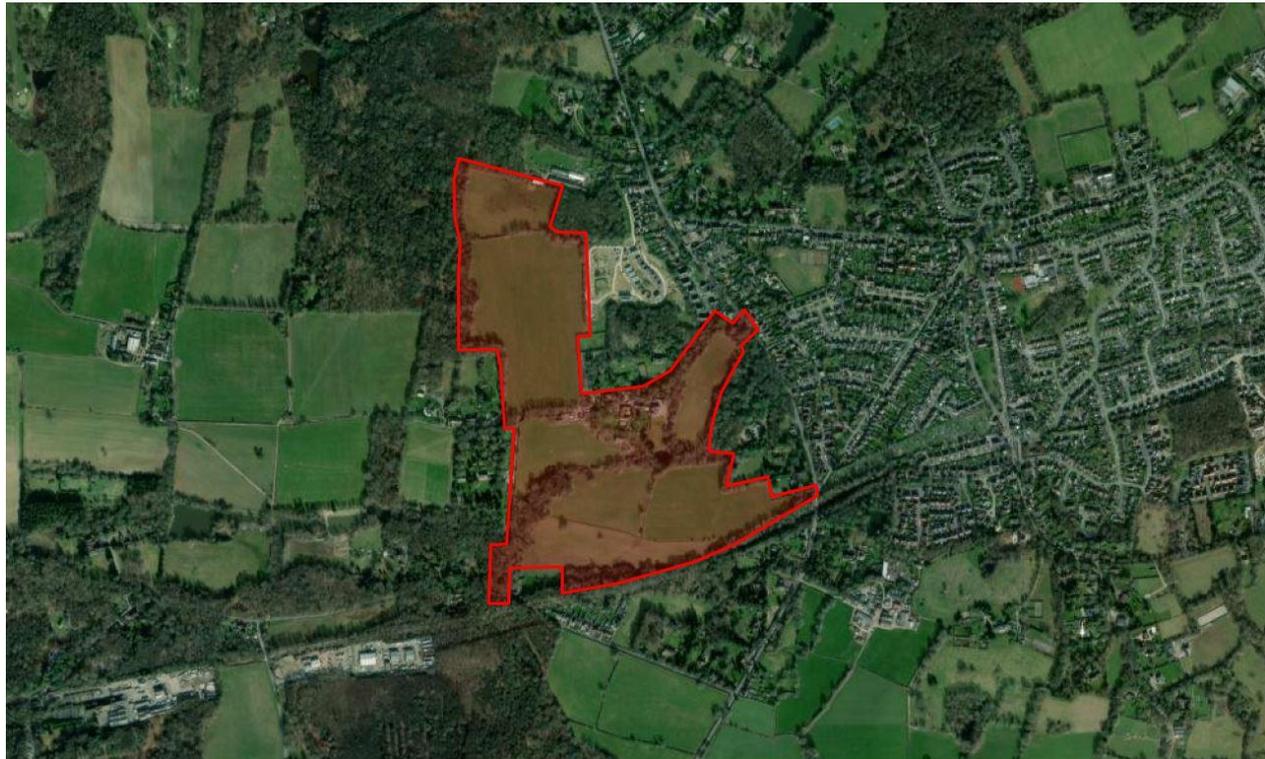


## **APPENDIX A**

### **EXISTING UTILITY SEARCHES INFORMATION**



## Land west of Crawley Down

**Wychwood Place  
Hurst Farm  
Worth  
Crawley Down  
West Sussex  
RH10 4BE**

**05/03/2024**

PROJECT NO.

**610831**

ISSUE NO.

**1**

STATUS

**For Information**

 **RAMBOLL**

**Utility Search**  
Premier



# Introduction

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

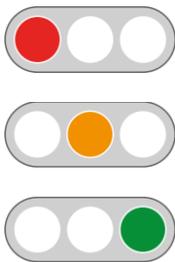
The report is based on the information provided by the client about the location of the search area and the information provided by the utilities about their existing plant and networks. The information contained in this report is based on desk research only.

## What is a utility constraint?

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

## Report interpretation

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



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

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

Green – site constraints do not appear to exist.

This report conforms to QL-D of PAS 128:2022 - Underground Utility Detection, Verification and Location - Specification. To obtain further detail on utility locations consider site reconnaissance (QL-C), detection (QL-B) and verification (QL-A) as recommended under 'Important Information'.

Prepared by

Signed off by

*Tara McCallion*

*M. Allfrey*

Tara McCallion

Max Allfrey



Certificate Number 6206

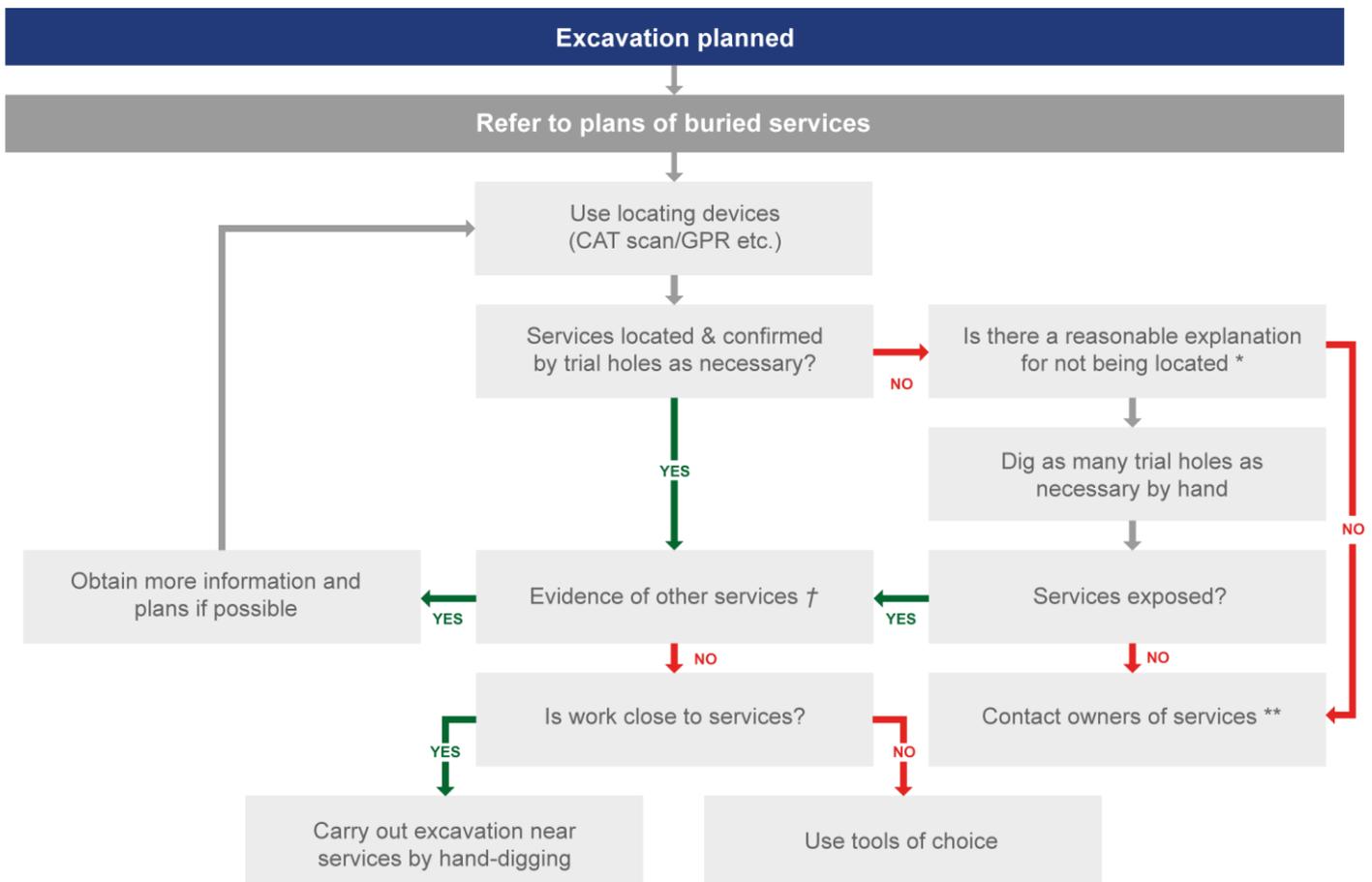
*Premier Energy Services Ltd has taken all reasonable steps, within the timescales, to obtain the most robust information in this report but accepts no liability for the accuracy of such information or report and in addition to any limitation of liability under its Standard Terms and Conditions. These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

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

# Important Information

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

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



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

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

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



# Important Information

## Relevant Documents

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

- Health and Safety Booklet HS (GS) 6 Avoidance of Danger from Overhead Electric Lines.
- General Safety Measures to Avoid Injury and Damage to Gas Apparatus.
- HSE Guidance Note HS (G) 47 Avoiding Danger from Underground Services.
- National Joint Utilities Group (NJUG) Publications Vol. 1.
- CDM Regulations 2015.
- PAS 128:2022 Underground Utility Detection, Verification and Location - Specification.

## Basic Risk Assumption for all Services

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

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

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

## Plant Found Within Site Boundaries

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

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

## Desk Research

With several utility suppliers, PES use their own databases to check if assets are likely to be in the vicinity. These utilities are shown with a tick under the Desk Research column in the Enclosures list. Our utility contact schedule can be provided on request.

It must be noted that certain utility companies do not respond if their plant is unaffected and we issue these with a green (unaffected) traffic light unless otherwise informed.



# Enclosures

Type	Company	In Vicinity	Desk Research	Awaiting Response
Electricity	UK Power Networks			
Water	South East Water			
Drainage	Thames Water			
	Southern Water			
Gas	SGN			
Openreach	Openreach			
Virgin Media	Virgin Media			
Independents	GTC			
	SSE Utility Solutions Limited			
	Other independents		✓	
Linesearch (LSBUD)	UK Power Networks, SGN, SSE Utility Solutions Limited			
	EXA Infrastructure			
Comms.	Vodafone			
	Colt			
	SKY Telecommunications			
	Lumen Technologies			
	Verizon			
	SOTA		✓	
	KCOM		✓	
	Arelion		✓	



Type	Company	In Vicinity	Desk Research	Awaiting Response
	CityFibre		✓	
	Mast Data/MBNL			
Tunnels & Pipelines	Onshore Cables		✓	
	EQUANS (formerly ENGIE)		✓	
	ElecLink Interconnector		✓	
Transport	Network Rail			
	HS 1 (High Speed Rail)		✓	
	Genesys		✓	
	West Sussex County Council			



# Acronyms Key

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



# Utility Consultancy Products

If you are progressing with the development of this site, then you should consider our range of Consultancy services. These range from a site investigation report and developing a site wide utility strategy, to coordinating disconnections, procuring diversion estimates and obtaining quotes for new connections from the competitive market.

Visit our website <https://www.premierenergy.co.uk/consultancy/> to learn more about these services or contact us to find out how we can help reduce risk and minimise utility costs on this project.



## Site Investigation Report

A critical part of the process during planning, budgeting and identifying cost constraints when considering land acquisition and concept design.



## New Connections

Independent evaluation of the range of utility infrastructure solutions available to secure the best value for your project for either temporary or permanent connections.



## Utility Drawings

Our utility drawings are unique as we endeavour to plan the utilities according to NJUG requirements and coordinate with other consultants' information such as drainage, landscape design and MEP services.



## Diversions

Taking forward projects based on the New Roads and Street Works Act stages C1 to C9 and managing the relocation of existing utility assets. Often diversions can be incorporated into the new connections to save time and money.



## Disconnections

Each utility organisation has a different disconnection process to follow. We have the experience and expertise to manage the process from start to finish including initial site surveys and coordinating the works.



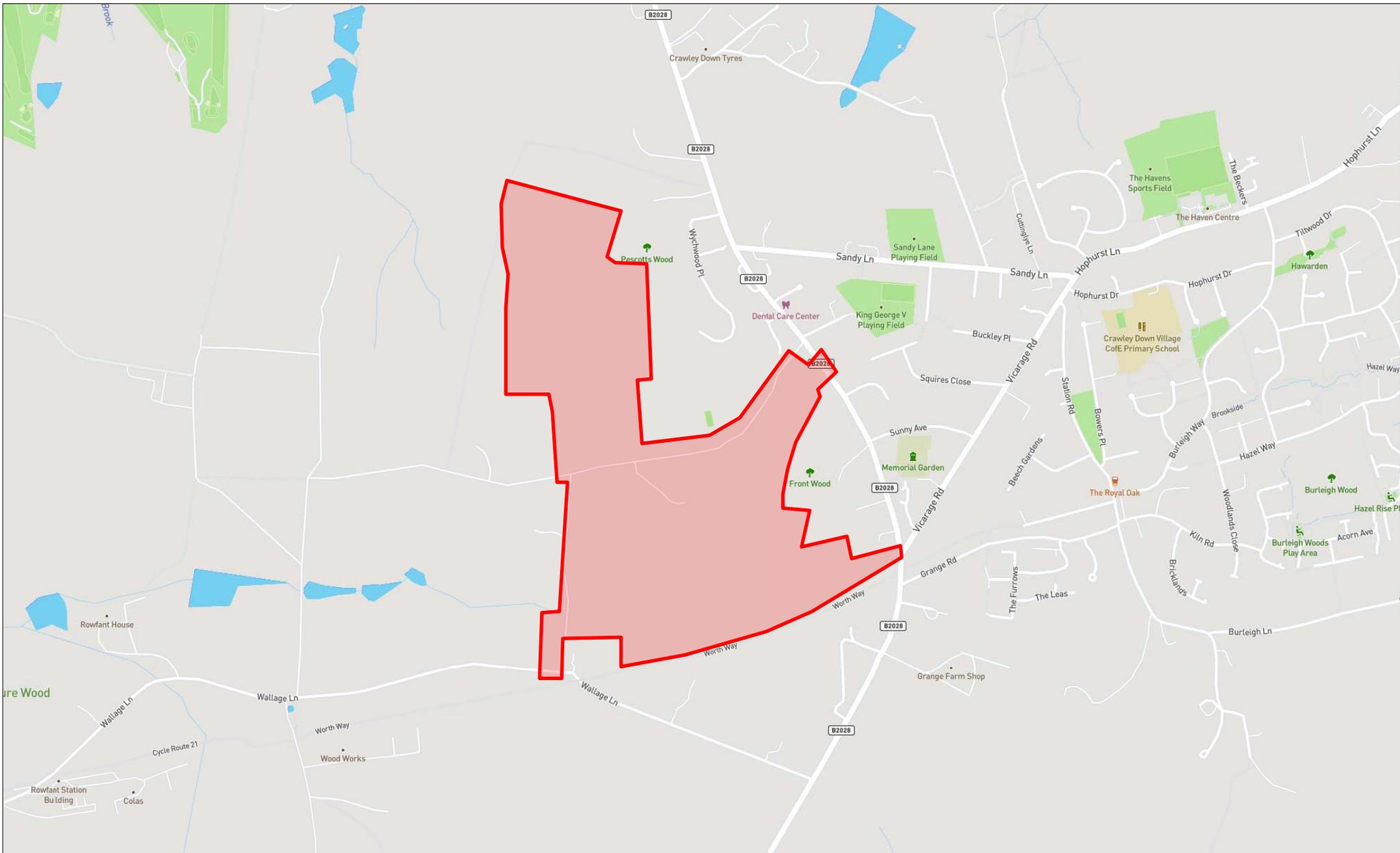
## Project Support

We can keep track of progress using our experienced team to ensure projects are delivered on time and budget. We can also meet on-site with utilities and your site staff to plan the works to ensure no essential elements of utility infrastructure work are missed.



## Commercial Metering

We offer a bespoke commercial meter installation and energy supply contract service. Together with our partners we assist with coordinating the connection of metering and sourcing of energy supply contracts on commercial installations.



**Request Ref:** 513491

Wychwood Place, Hurst Farm, Worth, Crawley Down, Mid  
Sussex, West Sussex, RH10 4BE  
**Eastings** 533672, **Northings** 137511

Imagery sourced from Open Street Maps

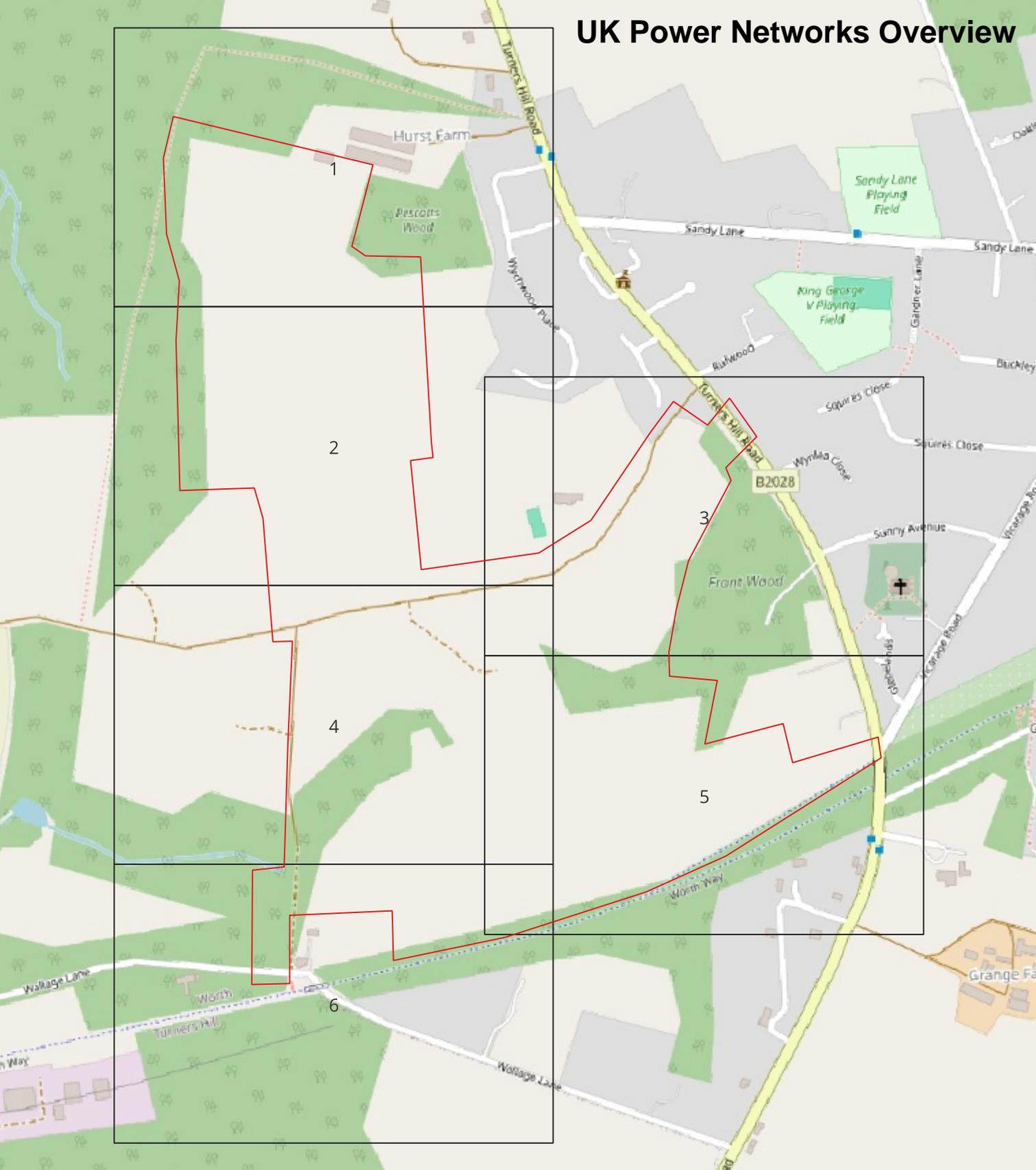


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Imagery sourced from ArcGIS World Imagery

# UK Power Networks Overview





LV Cable or Line  
 HV Cable or Line  
 EHV Cable or Line  
 Ductline  
 Pole & Street Furniture  
 Substation & Link Box

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0m 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m 110m 120m 130m 140m 150m 160m 170m 180m 190m 200m

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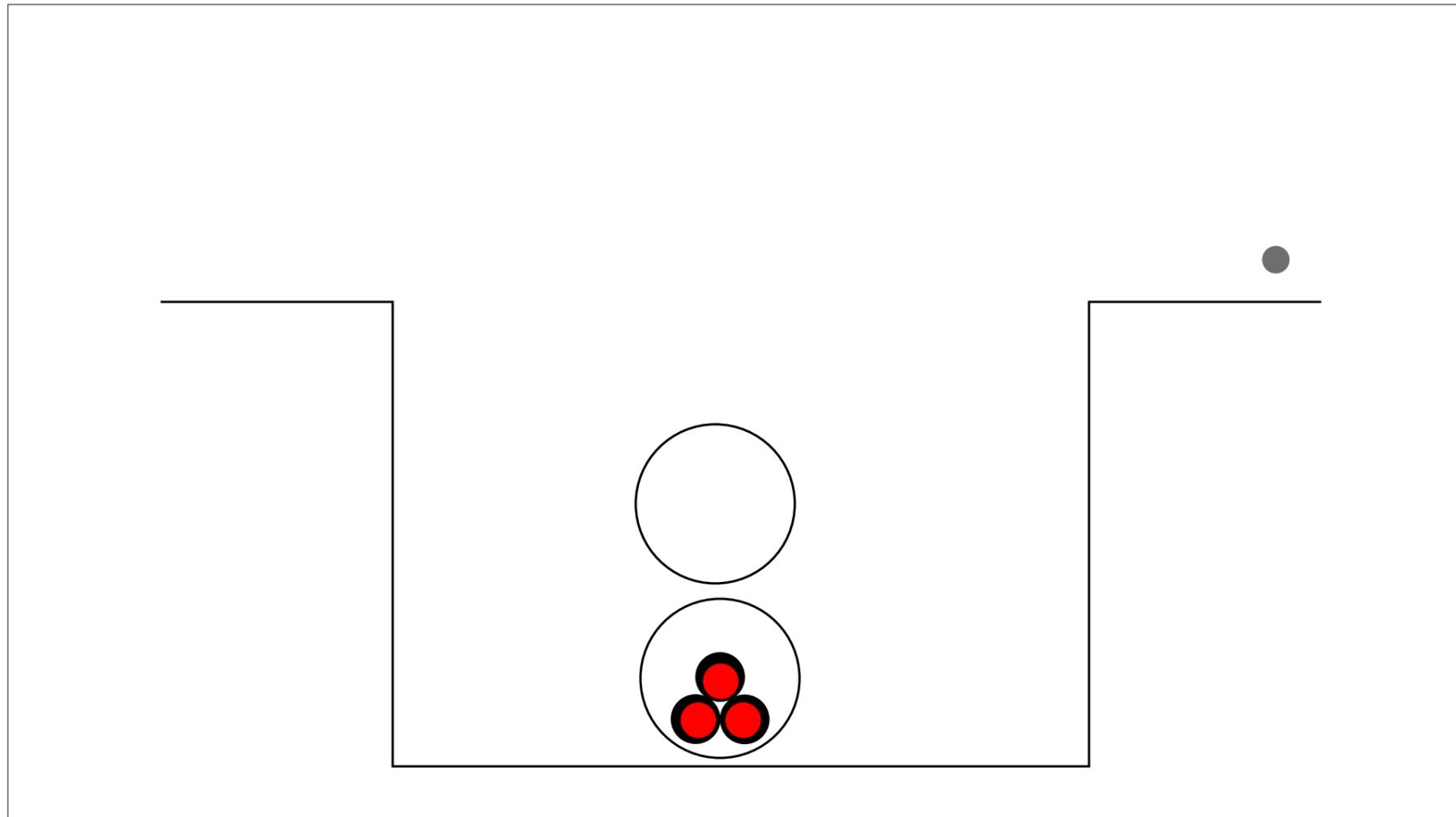
**VISITING AN OPEN POINT?** Please mark on this plan all locations visited and open points as found, then return updated map to your Business Unit - Thank You.  
 Contact UK Power Networks on 0800 056 5866 for details of EHV Cable routes before commencing work.  
 Maps produced at 1:2500 scale are LV Geo-Schematics which show LV main cables and overhead lines (in some cases all voltages). Prior to carrying out excavations you must refer to the 1:500 records to determine the location of all known underground plant and equipment.

**Plan Provision**  
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 EMERGENCY: If you damage a cable or the  
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 URGENTLY

ALWAYS LOOK UP BEFORE YOU START  
 Refer to HSE Guidance note G56

Grid Ref: TQ 33535 38036  
 Map Centre: TQ33385E  
 Scale: 1:500  
 (When Plotted at A0)  
 Plotted on: 21/02/2024  
 Plotted by: sw-cloud-user

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# Cross Section

## 2402364

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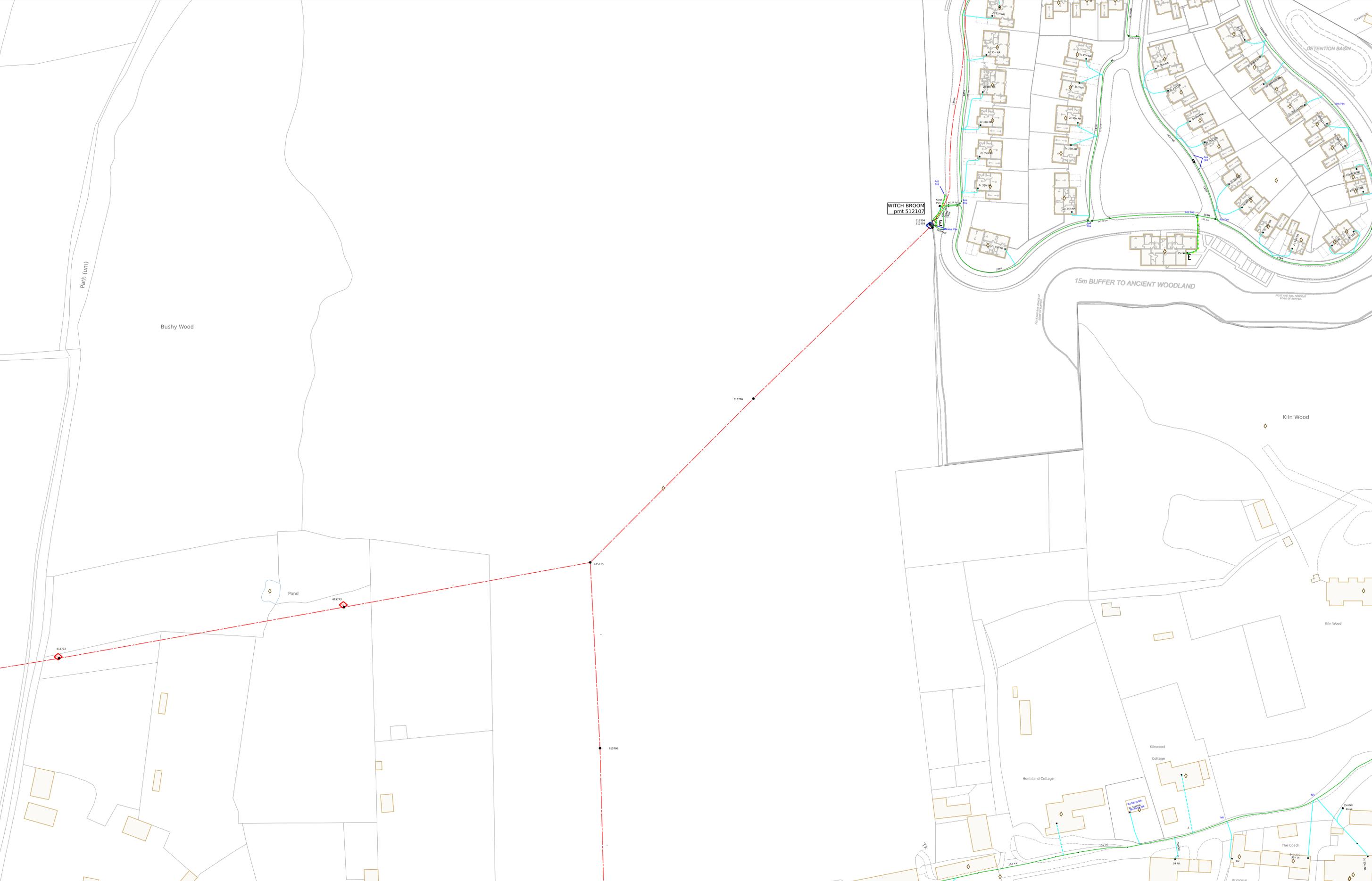
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ALWAYS LOOK UP BEFORE  
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 note G56



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LV Cable or Line 
  
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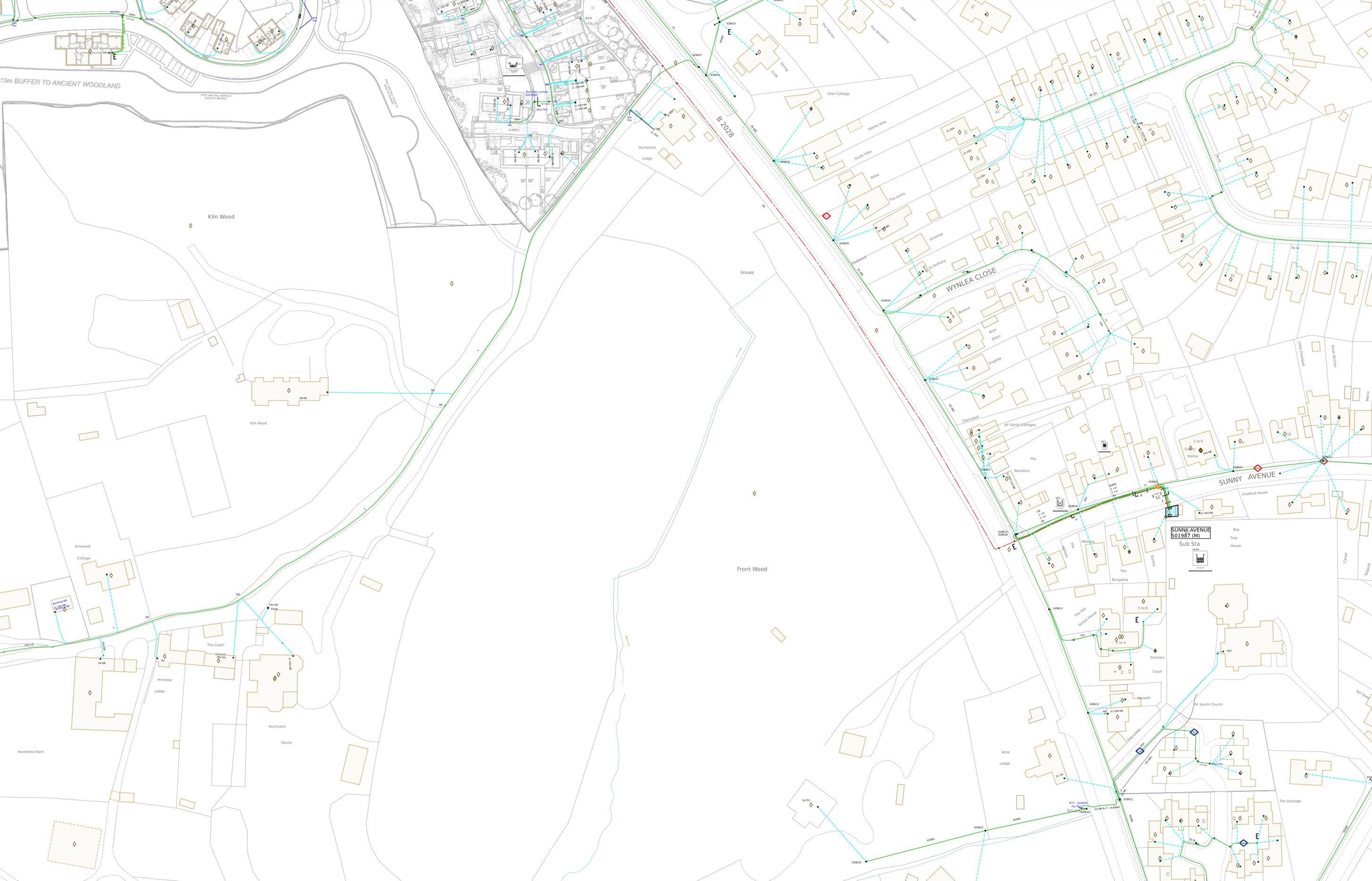
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Grid Ref: TQ 33535 37696
   
 Map Centre: TQ3337NE
   
 Scale: 1:500
   
 (When Plotted at A0)
   
 Plotted on: 21/02/2024
   
 Plotted by: sw-cloud-user



- LV Cable or Line
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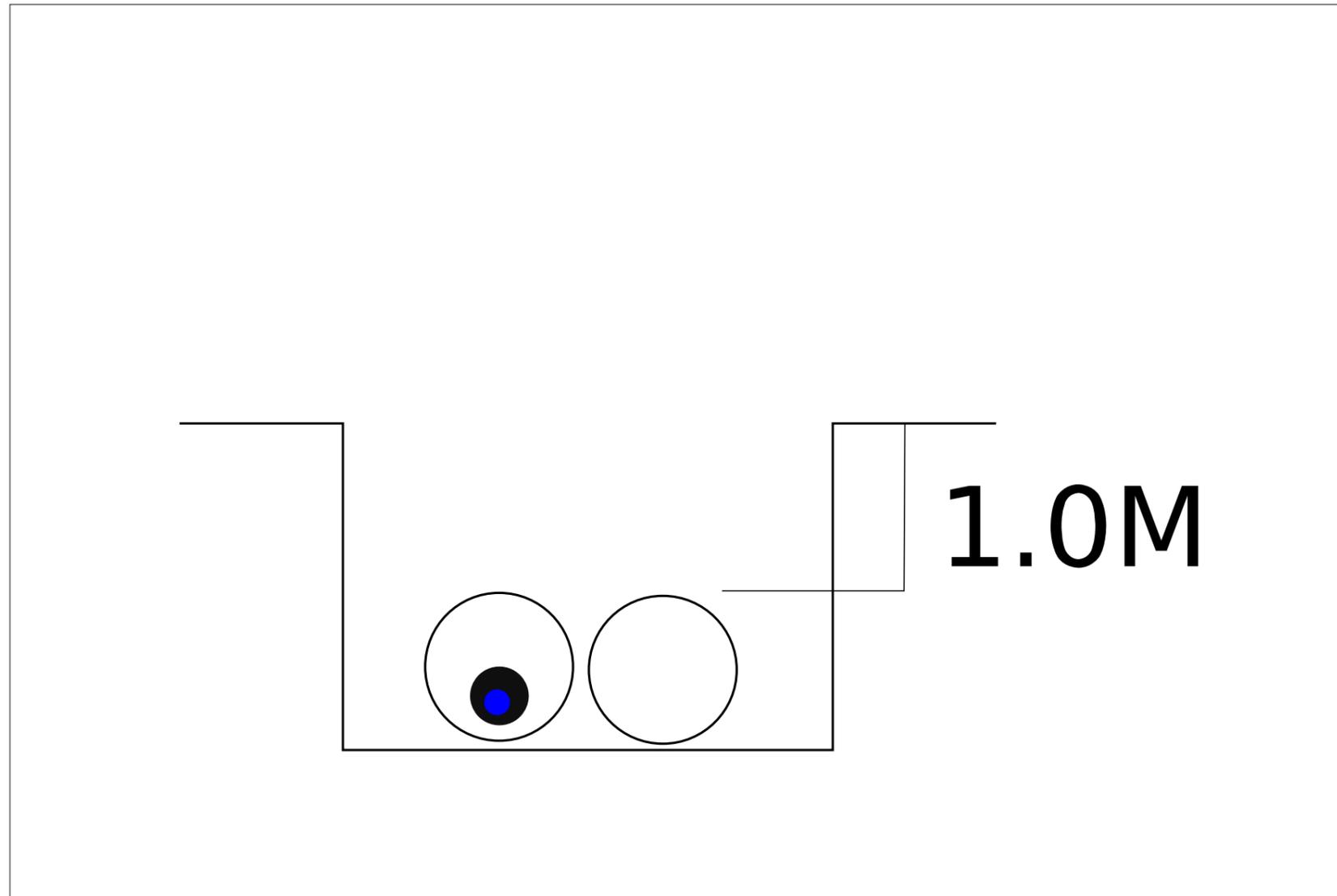
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Grid Ref: TQ 33991 37611  
 Map Centre: TQ3337NE  
 Scale: 1:500  
 (When Plotted at A0)  
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# Cross Section

## 2411734

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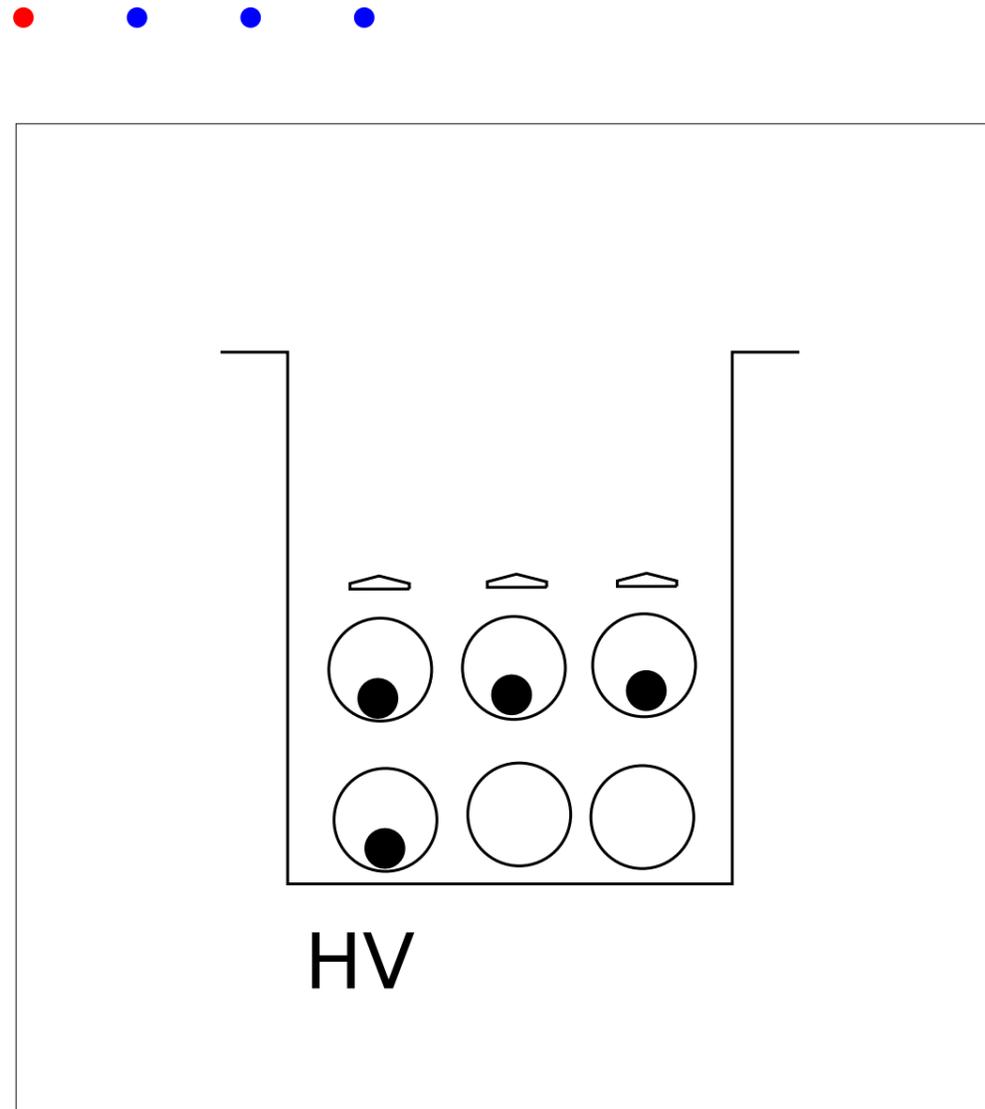
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# Cross Section C

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Plotted On : 21/02/2024

Plotted by: sw-cloud-user

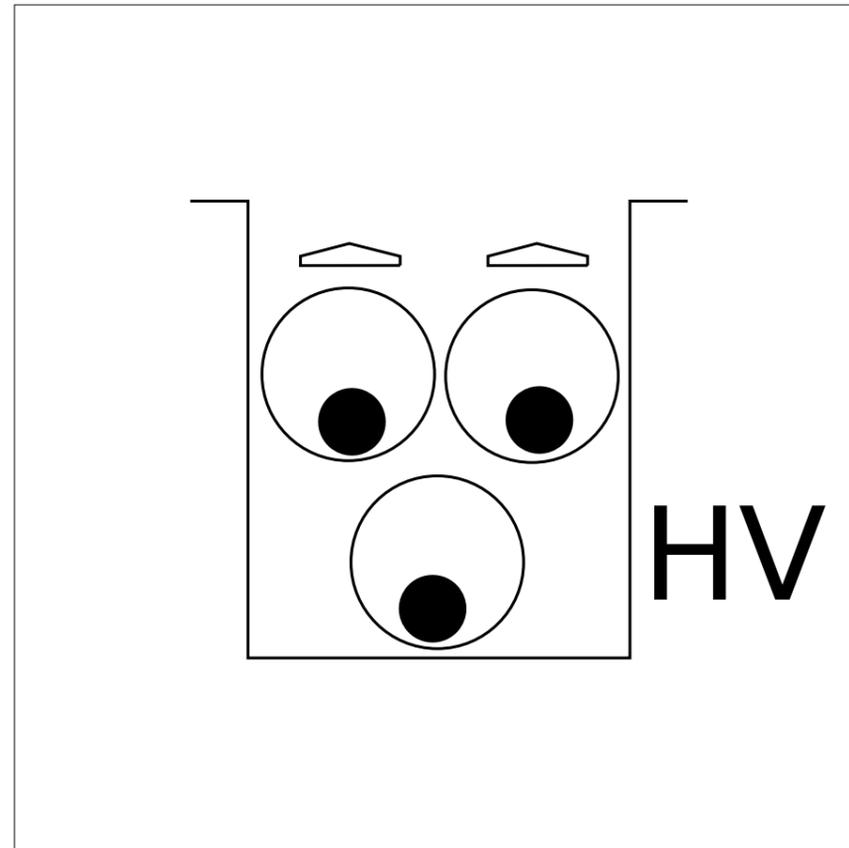
IF ANY DOUBT - ASK! PHONE 0800 056 5866  
 EMERGENCY - If you damage a cable or line  
 Phone 0800 780 0780 (24hrs) URGENTLY



ALWAYS LOOK UP BEFORE  
 YOU START WORK  
 Refer to HSE Guidance  
 note G56



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# Cross Section D

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 4. It must be assumed that there is a service cable into each property, lamp column and street sign, etc.  
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 6. The information provided must be given to all people working near UK Power Networks' plant & equipment. Do not use plans more than 3 months after the issue date for excavation purposes.  
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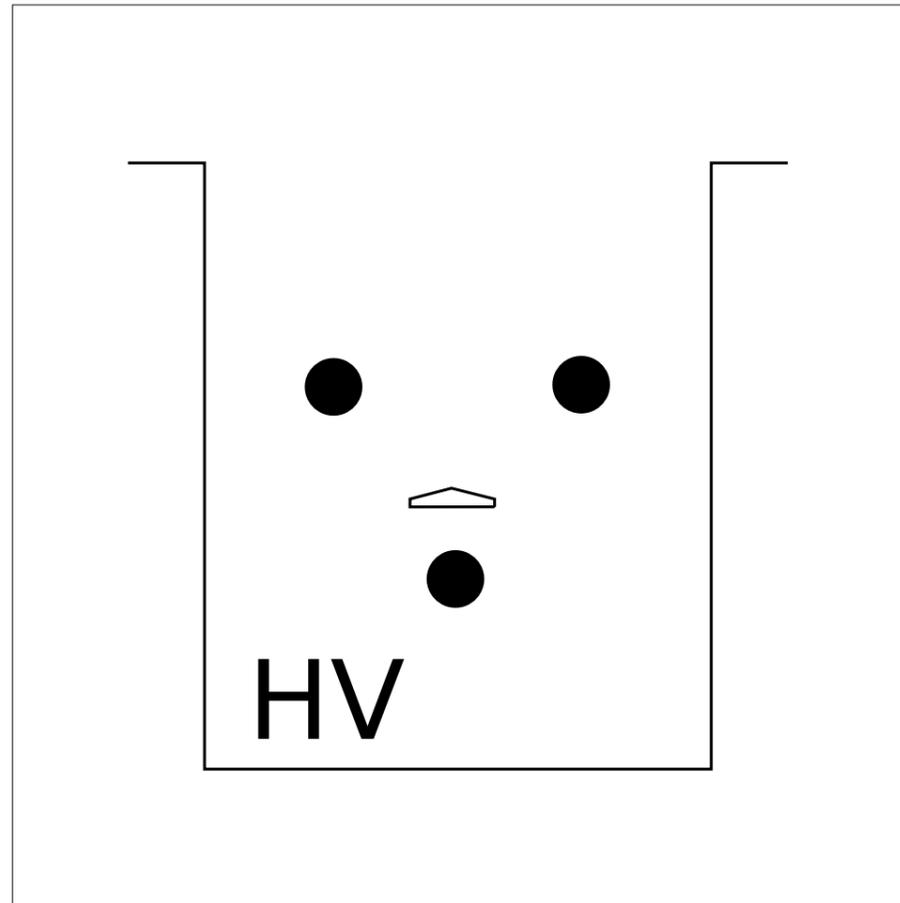


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title:

Cable cross section

Title: A



# Cross Section

## A

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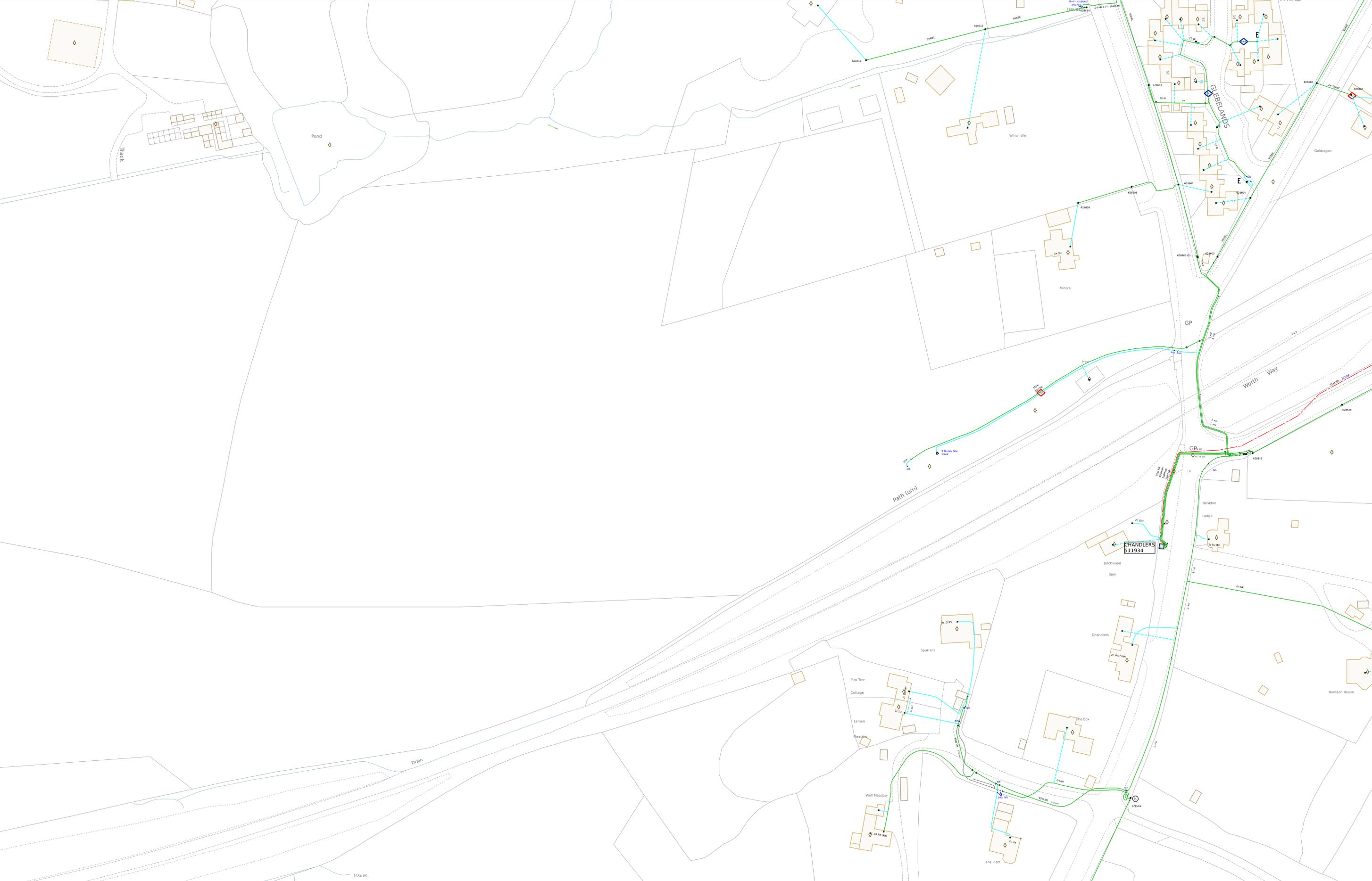


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LV Cable or Line  
 HV Cable or Line  
 EHV Cable or Line  
 Ductline  
 Pole & Street Furniture  
 Substation & Link Box

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0m 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m 110m 120m 130m 140m 150m 160m 170m 180m 190m 200m

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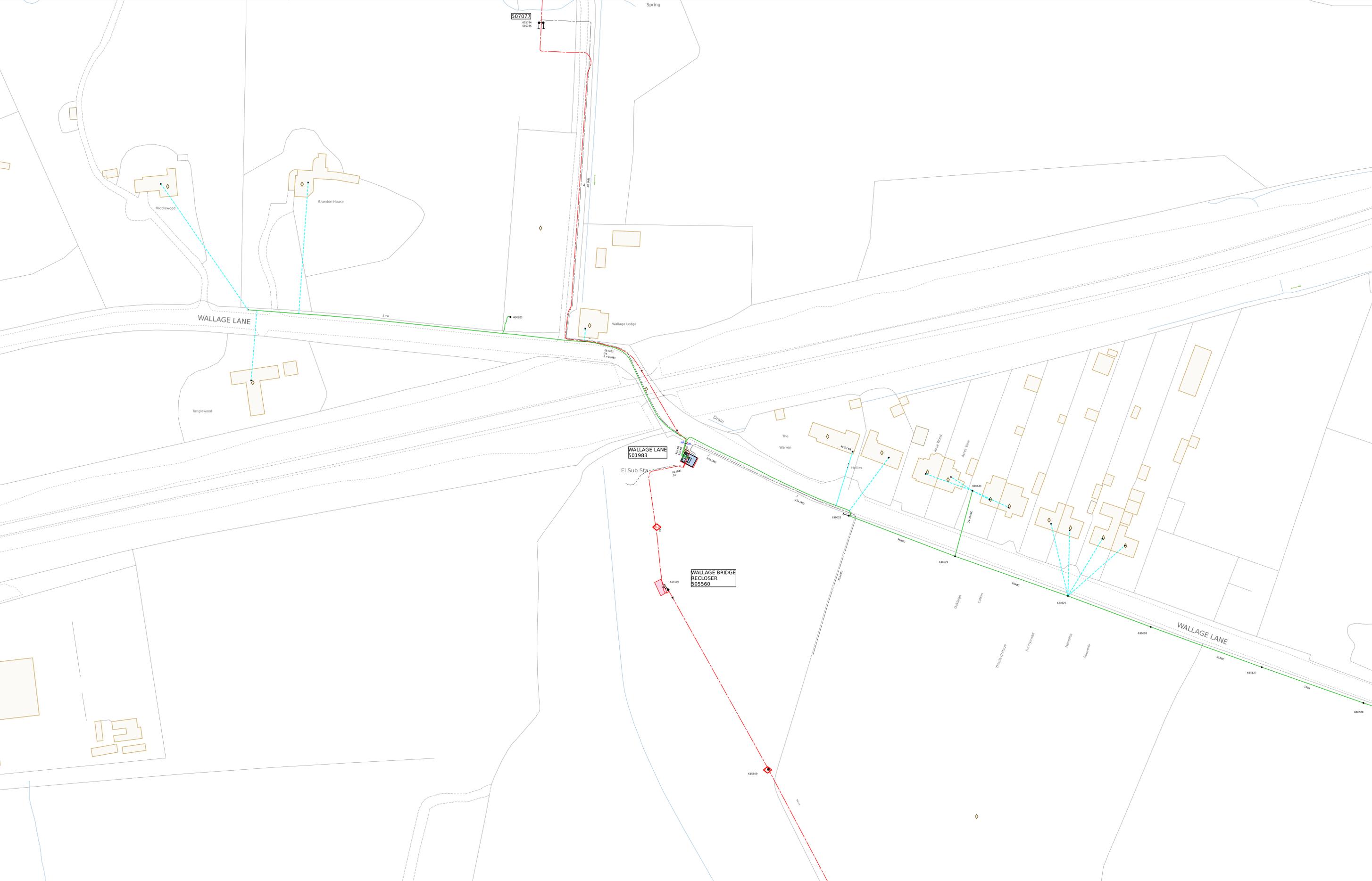
**VISITING AN OPEN POINT?** Please mark on this plan all locations visited and open points as found, then return updated map to your Business Unit - Thank You.  
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**Plan Provision**  
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 URGENTLY

ALWAYS LOOK UP BEFORE YOU START  
 Refer to HSE Guidance note GS6

Grid Ref: TQ 3991 3721  
 Map Centre: TQ33375E  
 Scale: 1:500  
 (When Plotted at A0)  
 Plotted on: 21/02/2024  
 Plotted by: sw-cloud-user

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Grid Ref: TQ 33535 37016  
Map Centre: TQ33375E  
Scale: 1:500  
(When Plotted at A0)

Plotted on: 21/02/2024  
Plotted by: sw-cloud-user

UK Power Networks

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