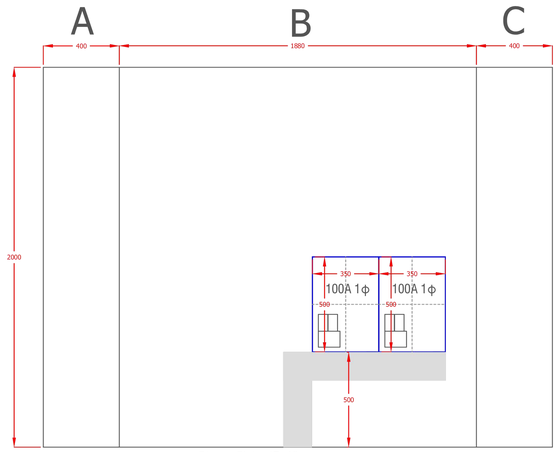
GTC Plant Enquiry, Our Ref 3107800. Your Ref 4000486 generated for amanda.white@apogeeutilityconsultants.co.uk at 05/03/2025 15:28:34. This drawing is reproduced from our records archive at the time of enquiry.

appendix_2_of_2
Authorised by

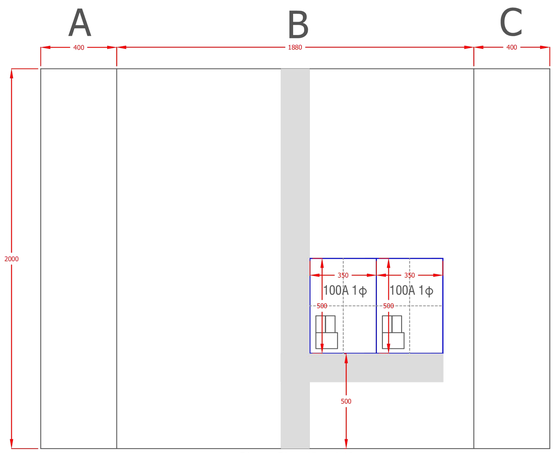
MARTIN WILLIAMS 11.07.2024

RISER DESIGN

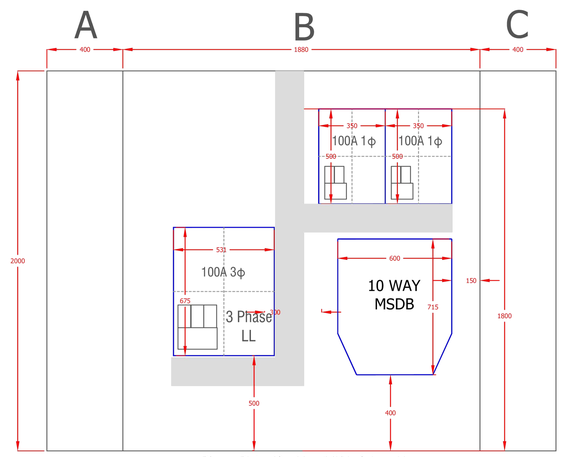
Where GTC equipment is to be installed on non-brick/block walls, the developer must install a steel sheet minimum 1mm thick to mount apparatus onto.
See specification notes for more information



Risers: Plots 47, 48

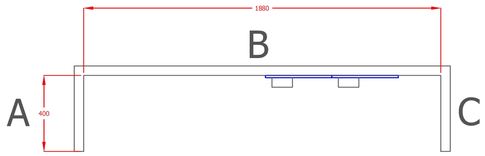


Risers: Plots 45 and 46

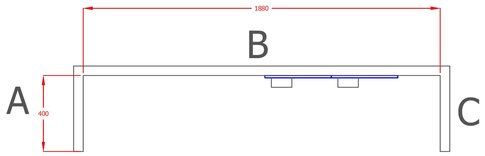


Risers: Plots 43 - 44+ 14KVA 3phase LL

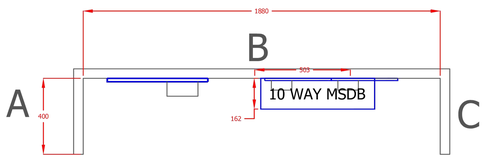
GROUND FLOOR ELEVATION



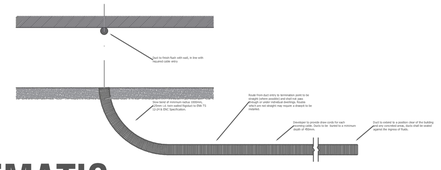
PLAN



PLAN

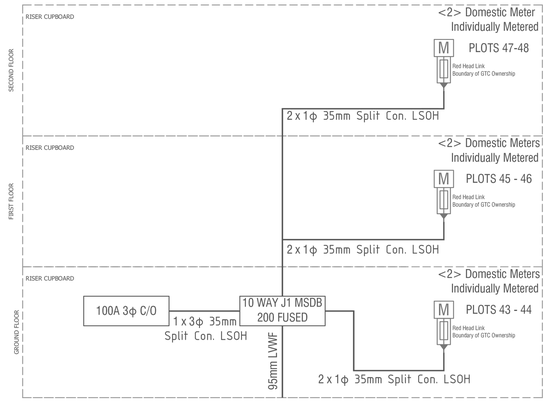


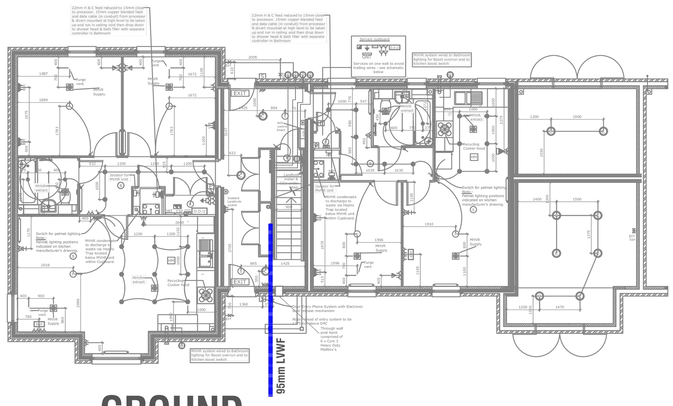
PLAN



REQUIRED FOR STRAIGHT CABLE ROUTES

SCHEMATIC





GROUND FLOOR PLAN

Specification Notes

Intake Position:
Multiple intake positions are sanctioned only where there is no possibility of access from one block to another block internally.
The intake position must be designed so that it is as close as practicable to the point of entry to the building, and sited adjoining an outside wall wherever possible.
The intake position must be sited at ground level, basement intake positions are not permitted.

The intake position shall comply with all Building Control and Fire Regulations. It must not be a confined space as defined in the Confined Space Regulations 1997.

ENC Equipment within a Protected Stairway shall comply with BS9999 and all relevant Building Regulations.

24 Hour access for ENC and Meter Operator staff must be availible. It shall have adequate physical access and means of escape.

It shall be lockable and must not be used as a store cupboard.
Adequate lighting shall be provided.
It shall be weatherproof and dry in a non-corrosive atmosphere and naturally ventilated.
The ambient temperature shall not exceed 30°C.
Sufficient space shall be provided for the safe installation and operation of all necessary switchgear and any metering equipment.

Group Meter Positions:

Group meter positions must be formed in brick or blockwork only.
The provision of brick or block behind the outdoor meter cabinet or internal meter position may not always be possible i.e. in timber framed buildings.
In such circumstances the wall behind the service/metering equipment must be fitted with a steel sheet (min. 1mm thick) bonded to the cutout PME terminal.

Cable Tray:
Cable tray systems are to be provided by the developer at no cost to GTC.
Cable tray systems must comply with BS 61537.
Galvanised Admirality Pattern or similar must be used.
The cable tray must be for the exclusive use of GTC, no other services are permitted to be installed on the same containment system.
Cable tray fixings must be suitably spaced to support the weight of the tray.
Cables to be spaced 1 diameter apart to avoid de-rating.
Single phase services and Single core cables shall be grouped to reduce the detrimental impact of thermal conductivity - groups in 3s -L1, L2, L3.
All cables should be laid on a cable tray and not suspended and should be fixed with metal cable ties as per GE-CIC-TB-0040

Cable Routing:
Each service cable and associated containment systems must be routed exclusively through communal areas. No service is permitted to pass through a dwelling which it does not serve.
Single phase service cable to be run in trefoil wherever possible

Lateral mains and services are not permitted to be installed in permanent ceilings.

Cable Access:
Every mains and service cable must be accessible for future replacement without damage to the building fabric.
This may be achieved by installing each service in a plastic flexible conduit with a smooth interior. The minimum inside diameter shall be 38mm.

Cable Fixings:
The use of plastic rawl plugs for screw fixings to secure cleats, saddles and cable containment such as trunking etc is prohibited.

The use of non-fire resistant cable ties, cleats, saddles conduit and trunking is prohibited.

Only fire resistant solutions shall be used where they are availible suitable for plasterboard, blockwork, brickwork and concrete.

All cables should be laid on a cable tray and not suspended and should be fixed with metal cable ties as per GE-CIC-TB-0040

Labeling:
All GTC equipment must be adequately labeled.
A schematic diagram for the entire building shall be stored in each riser position, illustrating which position the user is at and where the other points of isolation of the building are (if any).

Electricity in Flats Checklist:
1. Building Construction Type: Traditional
2. Meter Locations: Communal - Each floor
3. Isolation Point: MSDB Ground floor
4. Single or Multiple Entries: Single

Cable Data for Containment/Support System Designs					
Area	Unit	Parameter			
Cross Sectional Area	mm²	35	95	185	300
Approx. Diameter	mm	23	35	46	55
Approx. Weight	kg/m	1	2	4	5
Min. Bending Radius	mm	250	550	700	850
Maximum No. of Cables per Tray					
Cable Size	Notes	450mm Tray		600mm Tray	
35mm² Split Concentric LSOH	Trefoil	27		36	
95mm² LSOH		7		9	
185mm² LSOH		5		7	
300mm² LSOH		3		6	

This plan shows those cables owned by The Electricity Network Company Ltd. Electric cables owned by other operators 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. No liability of any kind whatsoever is accepted by the company, its agents, servants or contractors for any error or ommission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of cables, services and other equipment 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 electrical equipment.

This electrical network design has been carried out by :

Electricity Network Manager
GTC
Woolpit Business Park
Bury St Edmunds
Suffolk
IP30 9UP

Tel : 01359 240363
Fax : 01359 244398
www.gtc-uk.co.uk

All cables and equipment used on this design are to be in accordance with G81 standards.
© Electricity Networks Company Ltd

Drawing Scale :	NTS
O.S.REF :	509381, 115222
Network Number :	N0022680-1
Project Number :	
Drawing Number :	EN0022680-1_R1-0_1_of_2
Developer :	Croudace Homes
Location :	DOWNSIDE AVENUE, STORRINGTON, PULBOROUGH plots 43-48

SHEET SIZE A1

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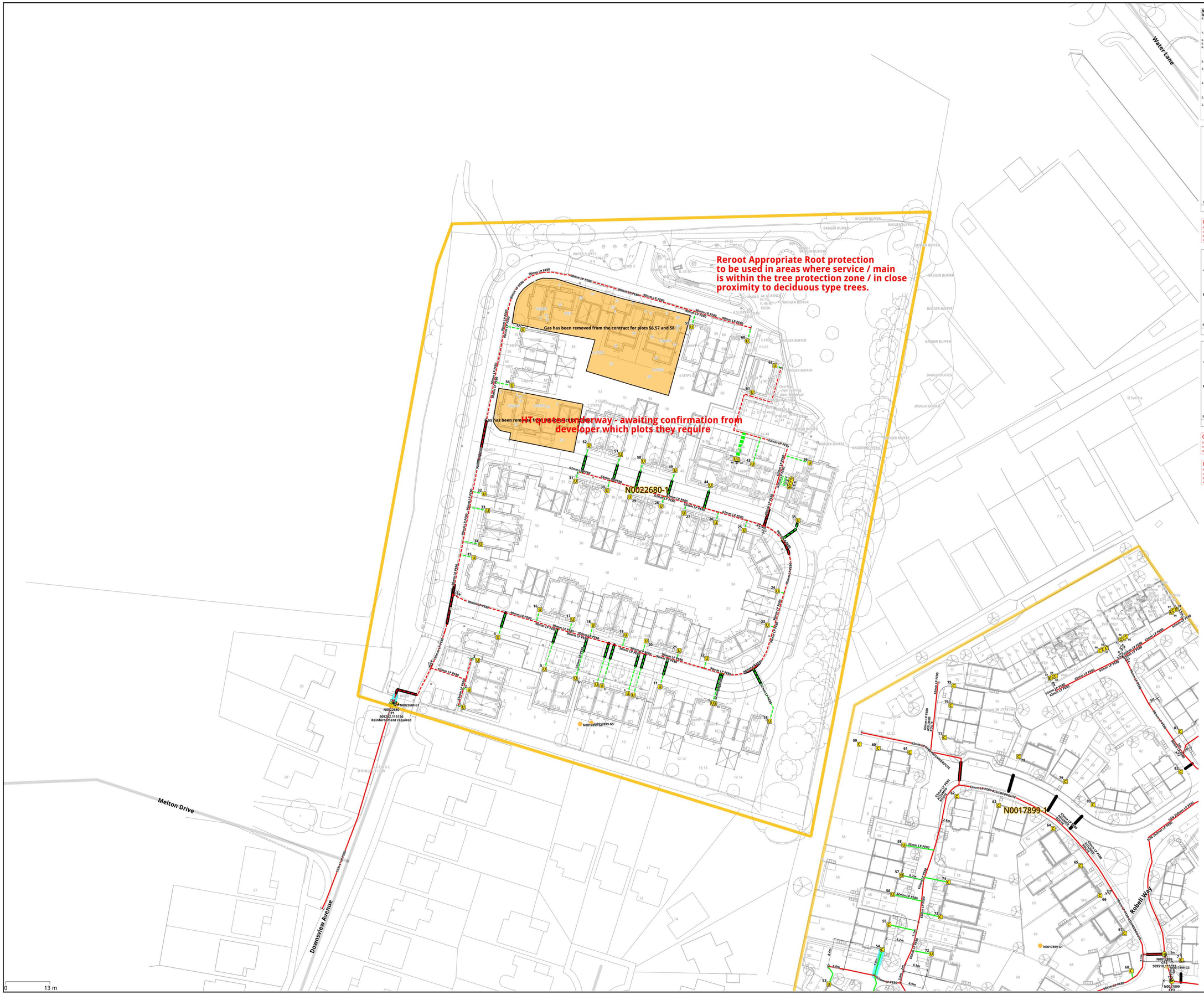
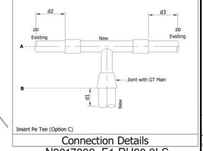


N0022680 - Recent revisions

N0022680/gas

Rev	Comment	Revision History Date	Dsg.	App.
8.0	Mains amended due to incumbent main needing a separate service margin	14/02/25	LF	
7.0	DNS poly added HT quotes underway	31/01/25	RR	RR
6.2	N0022680-1	23/10/24	AK	AK
6.1	Realigning Design	08/09/24	KF	KF
6.0	Amended 56,57 and 58 plots, 59 and 60 from garage entry to unibiores	12/07/24	AF	AF
5.0	Amended service margin	20/06/24	KC	KC
4.0	Upsize plots 53, 56-58 to electrically heated plots	04/08/23	JD	JD
3.0	(Legacy): 296m of gas mains added 292m of gas mains removed 25 gas ...	14/02/22	TD	TD
2.0	(Legacy): 1 gas ducts added	31/12/21	MW	MW
1.0	(Legacy): 574m of gas mains added 62 gas services added 36 gas duct ...	30/12/21	DT	DT

N0022680_E1 RH20 4PU



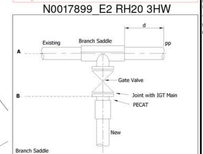
Insert Pe Tee (Option C)

Connection Details
N0017899_E1 RH20 3LS

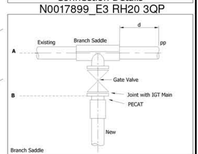
CAUTION SITE CONTAMINATION

Please note that this site is contaminated with concentrations that might affect construction workers health. Site operatives must wear appropriate PPE and discuss contamination levels with site manager & GTC project manager prior to working on this site.

N0017899_E2 RH20 3HW



Connection Details
N0017899_E3 RH20 3QP



Connection Details
N0017899_E5 RH20 4PU

CAUTION SITE CONTAMINATION

Infrastructure not to progress until site remediation details are known and confirmed acceptable. Confirmation to construct from Design department or relevent Asset Manager drawing for information only.

N0017899_E6 RH20 4PU

CAUTION SITE CONTAMINATION

Please note that this site is contaminated with concentrations that might affect construction workers health. Site operatives must wear appropriate PPE and discuss contamination levels with site manager & GTC project manager prior to working on this site.

14-02-2025

This design is across multiple drawings for details please refer to all drawings.

Gas Notes

All gas mains and ducts that shall contain a gas main must be overlaid with gas identifiable maker tape 250mm above the apparatus. All gas services shall have a gas identifiable marker tape 150mm above the apparatus. Gas identifiable maker tape 75mm above the apparatus. All gas pipes and ducts that shall contain a gas pipe should have a minimum of 250mm clearance from other utilities.

Maximum Proximity to Properties

Diameter of main (mm)	Minimum Building Proximity (m)			
	≤0.075 bar	>0.075 bar ≤ 2 bar	> 2 bar ≤ 5.5 bar	> 5.5 bar ≤ 7 bar
Up to 125	0.25	2	4	6
126 to 355	1	2	4	6
356 to 500	1	2	4	8
501 to 1000	1	5	13	15

Ducting Specification

- Ducting for mains must be yellow and non-perforated and only used perpendicular carriageway crossings.
- Ducting for services must be yellow and perforated along it's entire length.
- Only one pipe is allowed per duct.

Gas Pipe External Diameter	Duct Inside Diameter
25mm & 32mm	40mm
63mm	100mm
90mm	150mm
125mm	200mm
180mm	300mm
250mm & 315mm	400mm

Meter Positions

For all meter box types any position where damage could occour, especially from vehicles, shall be avoided.

Specified Universal meter boxes shall not:

- Obstruct footpaths
- Passageways
- Drives
- Be a trip hazard

Material Specification

For Material Specifications please refer to GD.PSC.ES.0002 Gas Materials Purchase - Standards & Specifications

Excavation Carried Out by BUUK

The trenches highlighted in blue will be excavated and reinstated by BUUK contractors, the excavation and reinstatement of the other trenches will be the responsibility of the customer.

	Proposed	Laid
MP Pipe > 7bar		
MP Pipe 2bar - 7bar		
MP Pipe 075 - 2bar		
LP Pipe < 075mbar		
Service Pipe		
Ducted Pipe		Semi Concealed
Opportunity for buuk Contractors.		Cavity
Asset Boundary Connection Point		Internal
Pressure Reduction Station Relocate		Kiosk
		Manifold
Open / Closed Valve	/	Point Load
Network Boundary Point		Unbox
Other IGT Boundary Abandoned To Disconnect		Surface Mouted
		End Cap

Plan Notes

This plan shows apparatus owned by the BUUK Group. Any third party apparatus indicated on these drawings is shown for indicative purposes only. The information shown on this plan is given without warranty, the accuracy cannot be guaranteed. No liability of any kind whatsoever is accepted by BUUK Group for any inaccuracy or omission. Hand digging, HSG47, must be used to verify and establish the actual position of apparatus. This plan is reproduced by the permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2007. All rights reserved Ordnance Survey Licence number 010002106 3.

Backfill Requirements

When apparatus have been laid it becomes the responsibility of the developer to ensure it is suitably protected, therefore backfilling should be carried out as soon as possible. Replacement and repair of damaged ducting, including administrative costs will be fully recharged to the developer. It will be the developer's responsibility to recover the costs from the third parties.

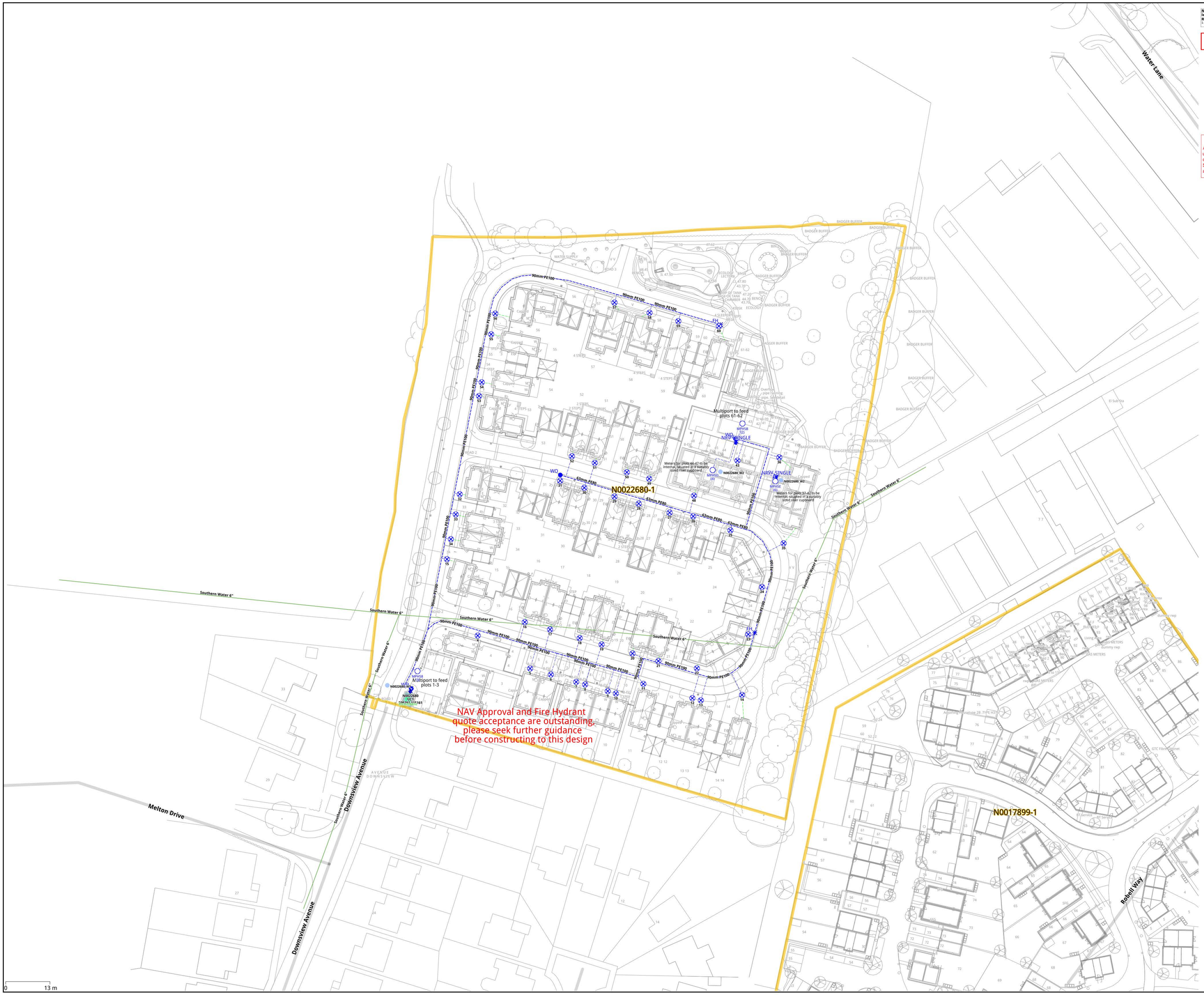
Revision Notes

For a revision history of this network design please see seperate revision history document.

gtc
GTC, Woolpit Business Park, Suffolk, IP30 9UP
Tel: 01359 240363
www.gtc-uk.co.uk

Last Edit By:	
Last Approved By	LOISE FARRELL
	Approved
OS Ref:	509343.115217
Location:	Downside Avenue, Storrington, PULBOROUGH, West Sussex, RH20 4PU
Developer/Client:	Croudace Homes
Drawing Number/Title:	N0022680-1_1_of_1_Rev8-0_appendix
Network Number:	N0022680
Project Number:	N0022680-1
Scale:	1:500
Sheet Size:	A1
Revision:	8-0

GTC Plant Enquiry. Our Ref 5127000, Your Ref 428848 generated for amanda.white@apogeeutilityconsultants.co.uk at 03/03/2025 15:28:39. This drawing is reproduced from our records archive at the time of enquiry.



N0022680 - Recent revisions

N0022680/water_potable	Revision History		
Rev	Comment	Date	Dsg. App.
1.0	Initial water design	14/11/24	CC CC

N0022680_E1 RH20 4PU

NAV NOT APPROVED

N0022680_E2 RH20 3EA

EXTERNAL
INTERNAL
Ownership Boundary
Stop Valve
Air Valve
Pressure Reducing Valve
Fire Hydrant
Water Meter
Non Return Valve
Wash out Hydrant
Sluice Valve
Boundary Box
Internal valve lockable only by Building Management
E1
E2
H1
H2
2.5m
1.5m
1.5m
1

Outlook

RE: C2 Enquiry 428848 Northlands Lane - Southern Water Reference Ref: 1705608 - 1

[redacted]

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Hi Amanda,

Thank you for your email.

I have found the application in question, however this has not been adopted at this stage.
I hope this helps.

Kind regards,
Mia Dougan
Wastewater Application Advisor
Developer Services

M. 07463 965896
T. 0330 303 0119

Southern Water www.southernwater.co.uk

[redacted]

Good Day Paula

Thank you for your e-mail below.
It looks the adoption is GTC. Please see attached mapping received from the.

Kind regards

Amanda White

Project Coordinator

Apogee Property
& Utility Consultants

Blount House

Hall Court

Hall Park Way

Telford

TF3 4NQ

Tel: 01952686570

Mobile:07884 203897

Email: amanda.white@apogeepropertyandutilityconsultants.com

Web: www.apogeeutilityconsultants.co.uk

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From: Wastewater Technical <WastewaterTechnical@southernwater.co.uk>
Sent: 05 March 2025 11:31
To: Amanda White <amanda.white@apogeepropertyandutilityconsultants.com>
Subject: RE: C2 Enquiry 428848 Northlands Lane - Southern Water Reference Ref: 1705608 - 1

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Good morning,

Thank you for your enquiry below concerning the area marked on your map. I have looked into this further and I have been unsuccessful in tracing a S104 application/agreement for the site.
It maybe a mis mapping on the digdat plan but if your investigations find further information to the contrary, please don't hesitate in contacting me again.

I trust the above information is of assistance.

Kind regards

Paula
Wastewater
Application Advisor
Developer Services

T. 07463 667104
southernwater.co.uk

[redacted]

Good Day Southern Water

We received mapping of off digdat and it shows that there is a 104 area. Please can you confirm who the adoption is with?

Scheme Number: 428848
Location of works: Northlands Lane
Postcode: RH20 3EZ
O.S. Grid Ref: 509194, 115252
Road No / Street Name: Downsview Ave
From: Melton Dr
To: Water Ln
Description of Works: Utility Works

Amanda White

Project Coordinator

Blount House

Hall Court

Hall Park Way

Telford

TF3 4NQ

[redacted]

Web: www.apogeeutilityconsultants.co.uk

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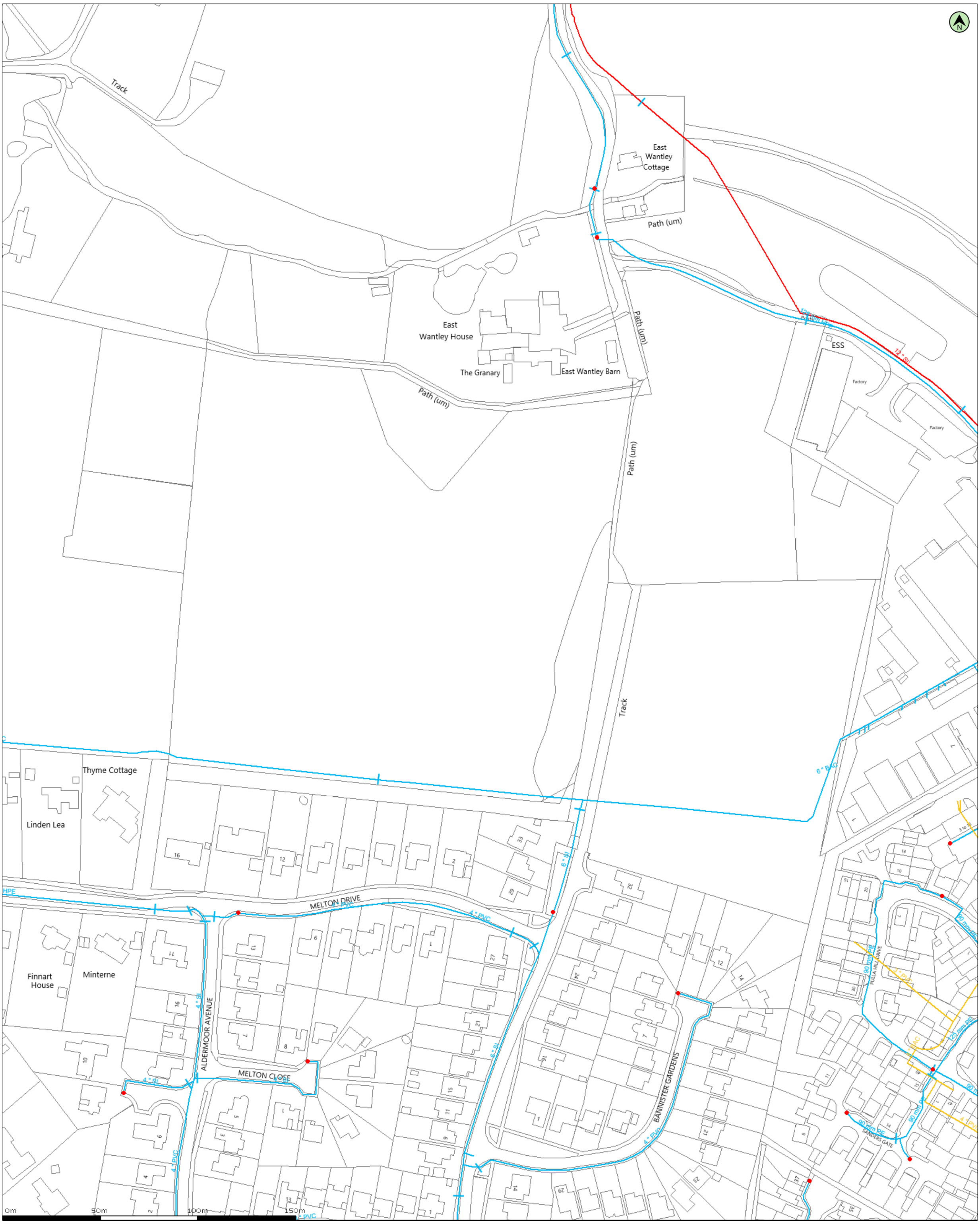

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Data updated: 26/02/25

Scale: 1:1250
Map Centre: 509240,115280

Date: 03/03/25
Our Ref: 1705608 - 1

Clean Water Plan A2
Powered by digdat

Water Main | Proposed Main | Trunk Main | Non-potable Main | Abandoned Main

Water Hydrant | Water Meter | Water Valve

amanda.white@apogeeutilityconsultants.co.uk

428848

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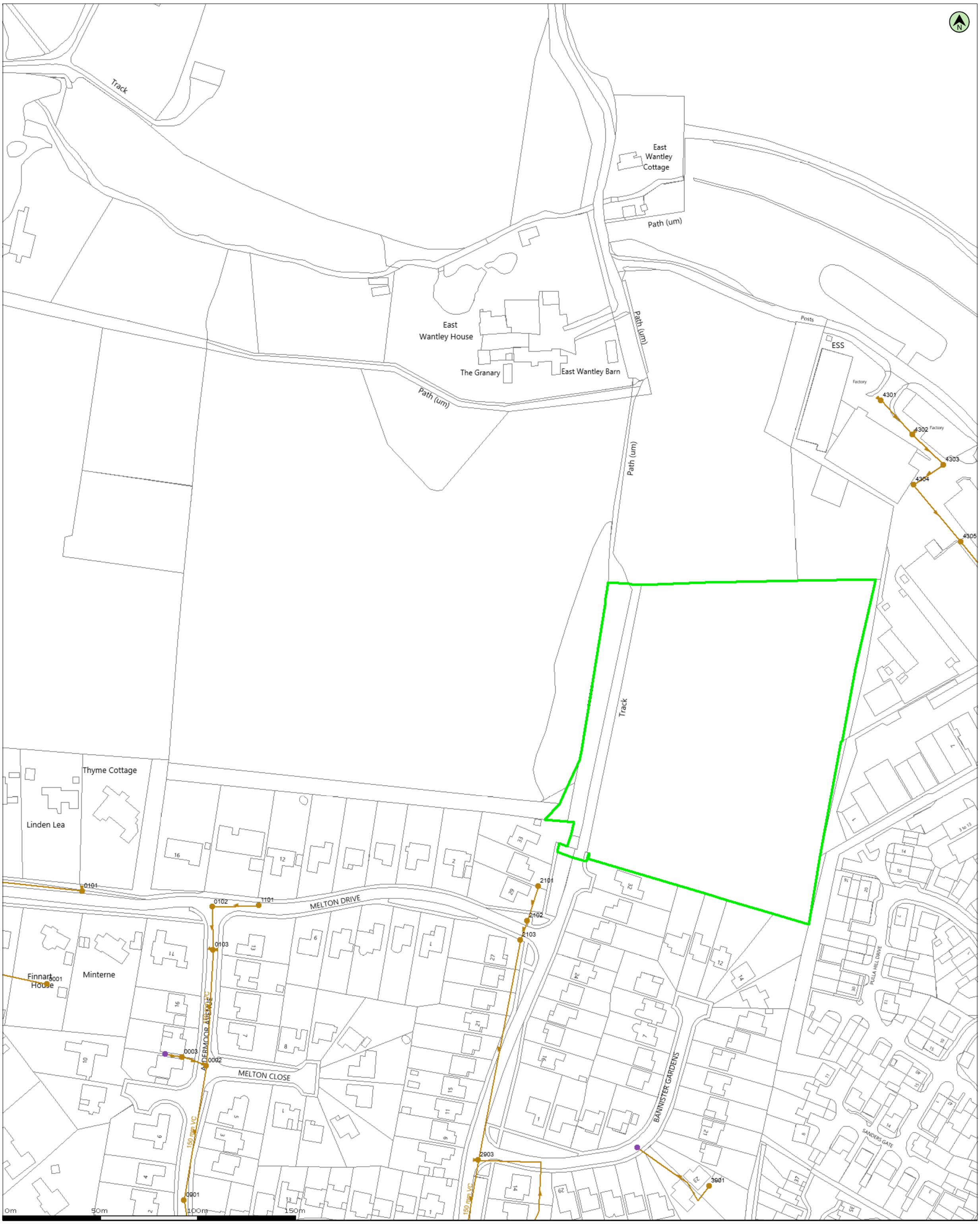
WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement.



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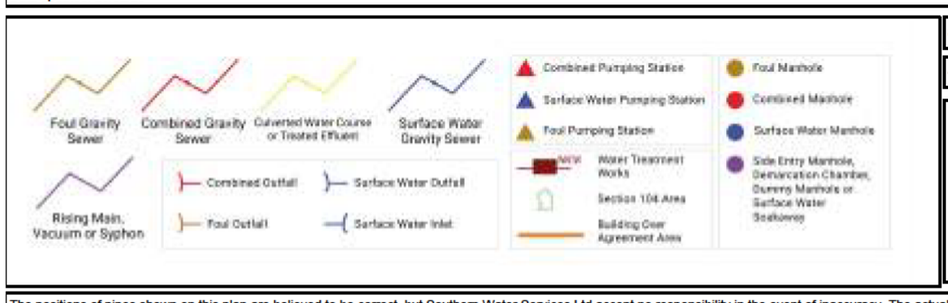
Scale: 1:1250
Map Centre: 509240,115280

Date: 03/03/25
Our Ref: 1705608 - 2

Wastewater Plan A2
Powered by digdat



amanda.white@apogeeutilityconsultants.co.uk

428848

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WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

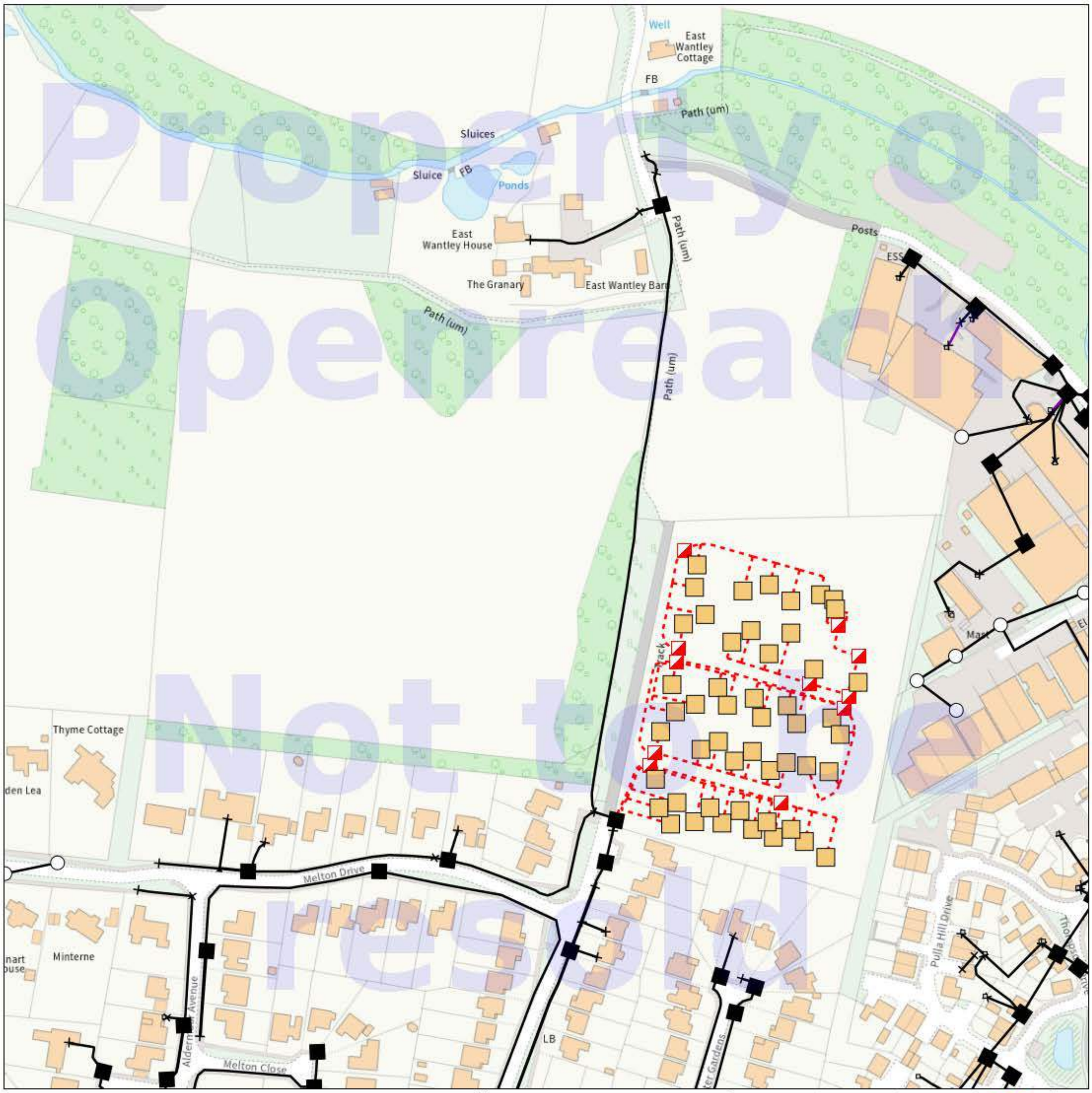
WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement.

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert
0001	F	0.00	0.00	
0002	F	49.78	47.83	
0003	F	0.00	0.00	
0101	F	50.42	49.22	
0102	F	52.77	50.86	
0103	F	52.17	50.43	
0901	F	46.59	44.79	
1101	F	0.00	0.00	
2101	F	0.00	0.00	
2102	F	0.00	52.22	
2103	F	0.00	0.00	
2903	F	49.76	45.77	
3901	F	0.00	0.00	
4301	F	45.86	44.77	
4302	F	45.38	44.42	
4303	F	0.00	0.00	
4304	F	0.00	0.00	
4305	F	46.18	43.74	

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert

Maps on Demand Plant Information Reply



Property of Openreach Not to be resold

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 newar to BT apparatus which may exist at various depths and may deviate from the marked route.

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CLICK BEFORE YOU DIG

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

email cbyd@openreach.co.uk

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

Accidents happen

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

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KEY TO BT SYMBOLS

	Planned	Live
PCP		
Pole		
Box		
Manhole		
Cabinet		

Change Of State	+	Hatchings	
Split Coupling	×	Built	
Duct Tee	▲	Planned	
Building		Inferred	
Kiosk	K	Duct	

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 : KUG10177P
Map Reference : (centre) TQ0925715282
Easting/Northing : (centre) 509257,115282
Scale : 1:500
Issued : 07/03/2025 10:17:31

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

Outlook

LSBUD Job No: 36489773

From AllPointsFibre@safedigs.co.uk <AllPointsFibre@safedigs.co.uk>
Date Mon 03/03/2025 13:47
To Aaron Nickless <aaron.nickless@apogeepropertyandutilityconsultants.com>

1 attachment (2 MB)
LSBUD Job No 36489773 - All Points Fibre Plan.pdf;

Caution: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

Drax Power logo

All Points Fibre Networks Ltd
Block D, 5th Floor Apex Plaza
Forbury Road
Reading
United Kingdom
RG1 1AX

Date: 03 Mar 2025

To: Mr Aaron Nickless

All Points Fibre Enquiry Response

Please DO NOT SEND A REPLY to this email as it has been automatically generated and replies are not monitored.

We acknowledge with thanks your LSBUD request (referenced below) dated 03 Mar 2025 13:40:08 PM for information on the location of our assets.

LSBUD REFERENCE:	36489773
YOUR REFERENCE:	428848

Enclosed is a plan showing the approximate position of All Points Fibre assets within your area of interest. Our records indicate that network apparatus exists near to the area of your proposed works.

WARNING: When working in the vicinity of All Points Fibre assets you have a legal *Duty of Care* that must be observed.

The information shown on the attached plan is given without obligation or warranty and its accuracy cannot be guaranteed. Safe digging practices in accordance with HSE publication HSG47 "Avoiding danger from underground services" must be used to verify and establish the actual position of the assets before any mechanical plant is used.

Please find enclosed a copy of our above referenced drawing, marked to show the approximate position of plant owned and operated by All Points Fibre.

You will be aware that you have a duty to ensure that no damage is caused to this equipment as a result of your proposed works.

If you would like to discuss how your project will affect the current assets, please contact the relevant number below.

Yours sincerely,

All Points Fibre

T: 0800 368 9458
E: planning@apfn.uk

Important Notice

This enquiry response, including any associated documentation, has been assessed and compiled from the information detailed within the LSBUD enquiry outlined above. **Please ensure that the LSBUD enquiry details and this response accurately reflect your proposed works.**

This response is intended for use only by the addressee. If you have received the enquiry response in error, please let us know by telephone and delete all copies; you are advised that copying, distributing, disclosing or otherwise acting in reliance on the response is expressly prohibited. Full terms can be found at [www.lsbud.co.uk]www.lsbud.co.uk

Disclaimer: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither All Points Fibre nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms. Full terms can be found at [www.lsbud.co.uk]www.lsbud.co.uk

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