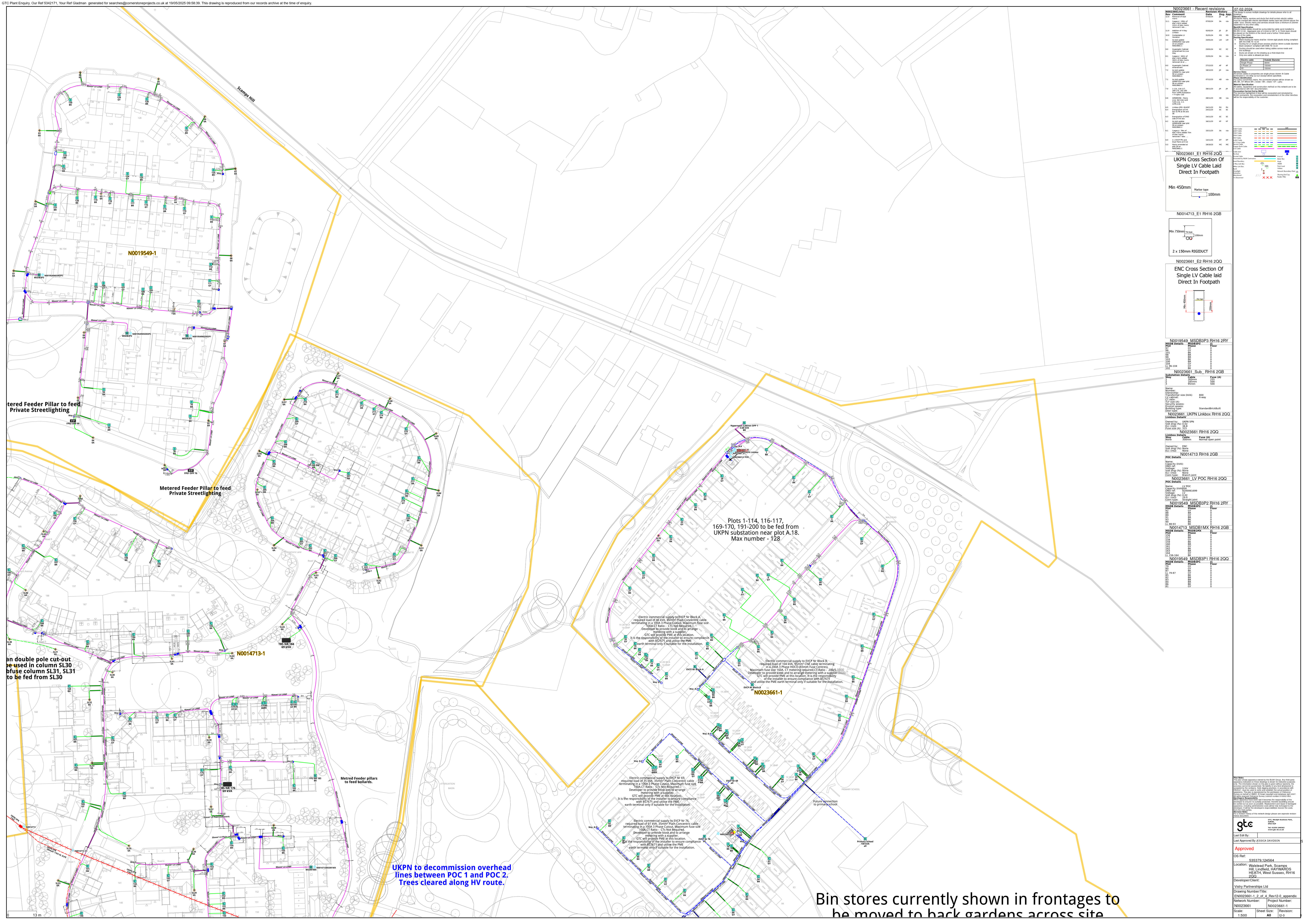
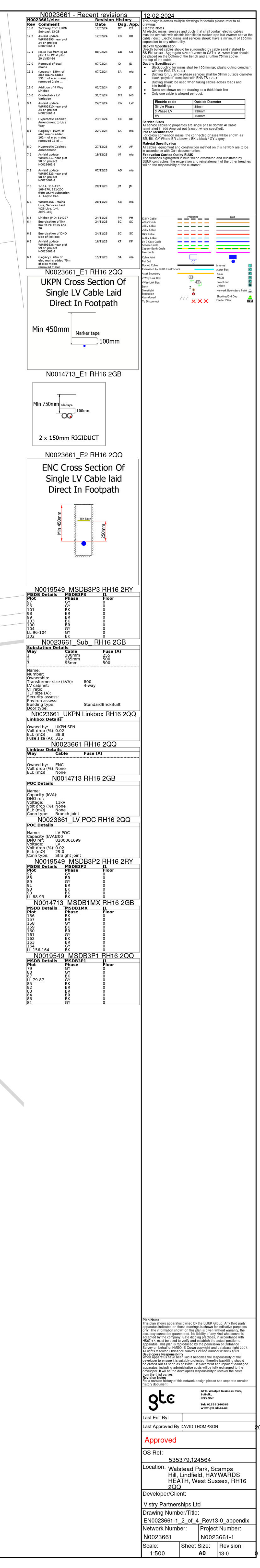
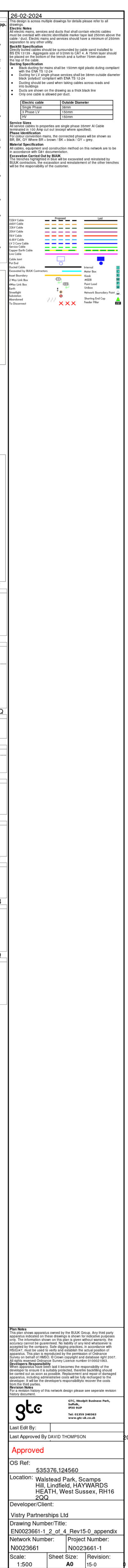
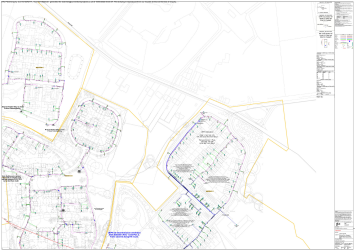


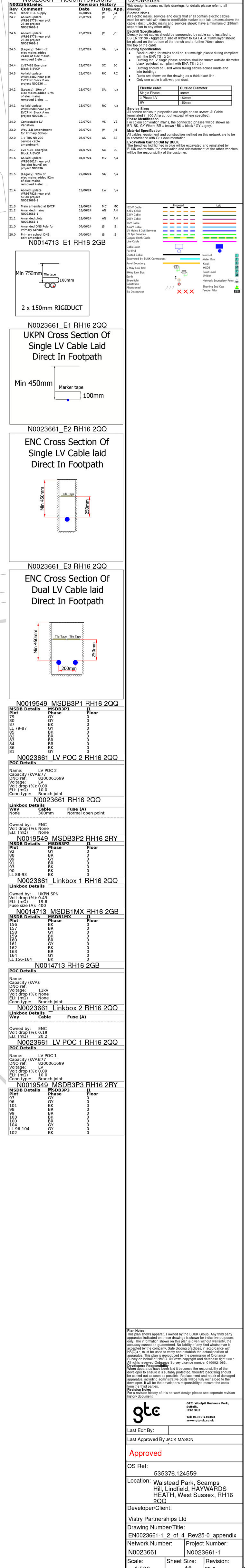


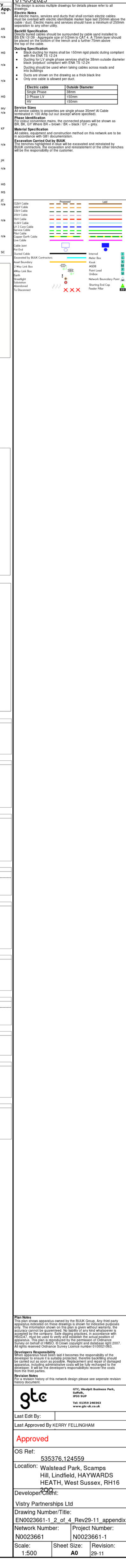
Bin stores currently shown in frontages to be moved to back gardens across site





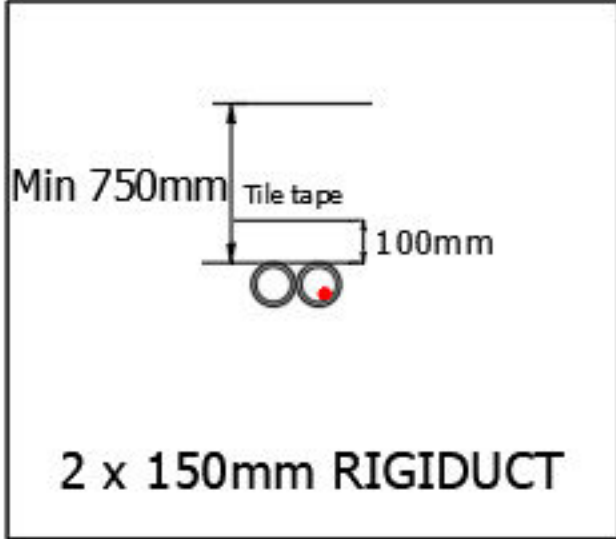






Authorised by:

N0014713_E1 RH16 2GB



POC Details	
Name:	
Capacity (kVA):	
DNO ref:	
Voltage:	11kV
Volt drop (%):	None
ELI: (mΩ)	None
Conn type:	Branch joint

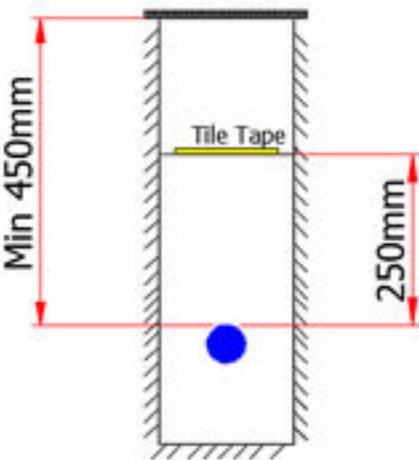
N0023661_E1 RH16 2QQ

UKPN Cross Section Of Single LV Cable Laid Direct In Footpath



N0023661_E2 RH16 2QQ

ENC Cross Section Of Single LV Cable laid Direct In Footpath



N0023661_LV POC RH16 2QQ

POC Details	
Name:	LV POC
Capacity (kVA):	80.4
DNO ref:	8200059468
Voltage:	LV
Volt drop (%):	0.02
ELI: (mΩ)	29.0
Conn type:	Straight joint

N0023661_1 RH16 2QQ

POC Details	
Name:	1
Capacity (kVA):	
DNO ref:	
Voltage:	LV
Volt drop (%):	0.1
ELI: (mΩ)	1.0
Conn type:	Straight joint

N0023661_Sub_ RH16 2GB

Substation Details		
Way	Cable	Fuse (A)
1	300mm	255
2	185mm	500
3	95mm	500
Name:		
Number:		
Ownership:		
Transformer size (kVA):		
LV cabinet:		
CT ratio:		
TLF size (A):		
Security assess:		
Environ assess:		
Building type:		
Door type:		

N0023661_UKPN Linkbox RH16 2QQ

Linkbox Details	
Owned by:	UKPN SPN
Volt drop (%):	0.02
ELI: (mΩ)	38.8
Fuse size (A):	200

N0014713 RH16 2GB

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

Electric Notes
All electric mains, services and ducts that shall contain electric cables must be overlaid with electric identifiable marker tape laid 250mm above the cable / duct. Electric mains and services should have a minimum of 250mm separation to any other utility.

Backfill Specification
Directly buried cables should be surrounded by cable sand installed to BS EN 13139 - Aggregate size of 0/2mm to CAT 4. A 75mm layer should be placed on the bottom of the trench and a further 75mm above the top of the cable.

Ducting Specification

- Black ducting for mains shall be 150mm rigid plastic during compliant with the ENA TS 12-24
- Ducting for LV single phase services shall be 38mm outside diameter black 'polyduct' compliant with ENA TS 12-24
- Ducting should be used when taking cables across roads and into buildings
- Ducts are shown on the drawing as a thick black line
- Only one cable is allowed per duct.

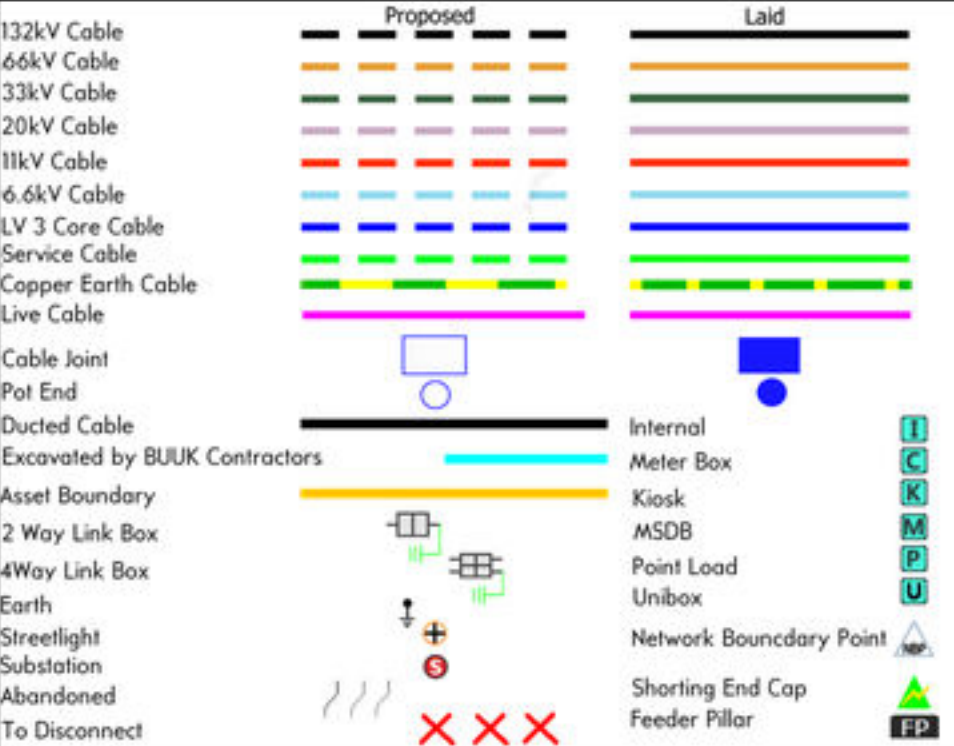
Electric cable	Outside Diameter
Single Phase	38mm
3 Phase LV	150mm
HV	150mm

Service Sizes
All service cables to properties are single phase 35mm² Al Cable terminated in 100 Amp cut out (except where specified).

Phase Identification
For colour convention mains, the connected phases will be shown as BR, BK, GY Where BR = brown / BK = black / GY = grey.

Material Specification
All cables, equipment and construction method on this network are to be in accordance with G81 documentation.

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.



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 the company. Safe digging practices, in accordance with 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 0100021063.

Developers Responsibility
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 apparatus, including administrative costs will be fully recharged to the developer. It will be the developers responsibility to recover the costs from the third parties.

Revision Notes
For a revision history of this network design please see separate revision history document.

gtec	GTC, Woolpit Business Park, Suffolk, IP30 9UP Tel: 01359 240363 www.gtc-uk.co.uk
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Last Edit By:	
Last Approved By:	JACK MASON 28112023

Approved

OS Ref: 535379.124564

Location: Walstead Park, Scamps Hill, Lindfield, HAYWARDS HEATH, West Sussex, RH16 2QQ

Developer/Client: Vistry Partnerships Ltd

Drawing Number/Title: EN0023661-1_2_of_4_appendix

Network Number: N0023661	Project Number: N0023661-1
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Scale: 1:1500	Sheet Size: A3	Revision: 7.0
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Bin stores currently shown in frontages to be moved to back gardens across site.

[illegible]

Bin stores currently shown in frontages to be moved to back gardens across site.

A horizontal number line with a vertical tick mark at 0 on the left and another at 13 m on the right. A horizontal bracket is drawn above the line, spanning from the 0 mark to the 13 m mark.

[illegible]

Bin stores currently shown in frontages to be moved to back gardens across site.

A horizontal number line with a vertical tick mark at 0 on the left and another at 13 on the right. A horizontal bracket is drawn above the line, spanning from the 0 mark to the 13 mark. The label "13 m" is placed below the right end of the bracket.

[illegible]

Bin stores currently shown in frontages to be moved to back gardens across site.

N0023661 - Recent revisions				12-02-2024	
Revision Number	Revision History	Drop Date	Drop Reason		
000000	Initial release				
000001	Initial release				
000002	Initial release				
000003	Initial release				
000004	Initial release				
000005	Initial release				
000006	Initial release				
000007	Initial release				
000008	Initial release				
000009	Initial release				
000010	Initial release				
000011	Initial release				
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000071	Initial release				
000072	Initial release				

Bin stores currently shown in frontages to be moved to back gardens across site.

[illegible]