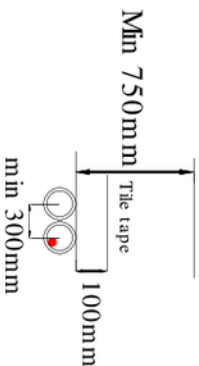
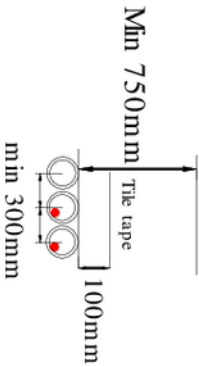


UKPN Cross Section Of
Single HV Cable Ducted In
Carriageway



2 x 150mm RIGIDUCT

UKPN Cross Section Of
Dual HV Cable Ducted In
Carriageway

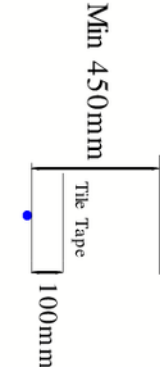


3 x 150mm RIGIDUCT

N0017928_MSDBB4J RH11 OGE

N0017928_E8 RH11 0GF

UKPN Cross Section Of
Single LV Cable Laid Direct
in footpath



MSDB Details	MSDB84	Floor
Plot	BR	
26	BR	
29	GY	
30	GY	
33	BR	
33	BR	
31	BK	
27	GY	
28	BK	
LT 26-33	BK	

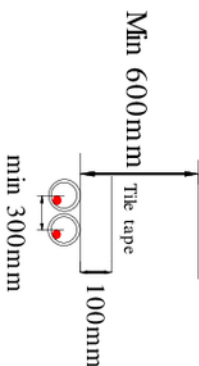
POC Details
Name: HV POC
Capacity (kVA): 12
DNO ref: 8200012886
Voltage: 11kV
Volt drop (%): None
ELI (m/s): None
Com type: Straight joint

POC Details
Name: HV POC
Capacity (kVA): 12
DNO ref: 8200012886
Voltage: 11kV
Volt drop (%): None
ELI (m/s): None
Com type: Straight joint

MSDB Details	MSDB84K	Floor
Plot	BK	
77	BR	
78	GY	
79	GY	
80	BK	
81	BK	
82	GY	
LT 77-82	BK	

N0017928_E4 RH11 OGE

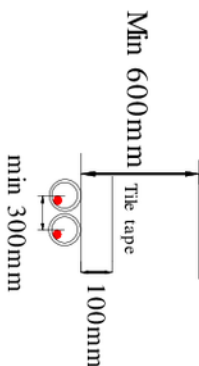
UKPN Cross Section Of
Dual HV Cable Ducted In
Footpath



2 x 150mm RIGIDUCT

N0017928_E5 RH11 OGE

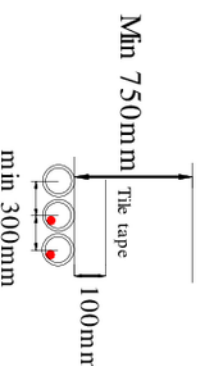
UKPN Cross Section Of
Dual HV Cable Ducted In
Footpath



2 x 150mm RIGIDUCT

N0017928_E6 RH11 OGE

UKPN Cross Section Of
Dual HV Cable Ducted In
Carriageway



3 x 150mm RIGIDUCT

The 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 clearance to any other utility.

Backfill
Direct buried cables should be surrounded by cable sand installed to BS EN 13130 - 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
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

Single Phase 38mm

3 Phase LV 150mm

HV 150mm

Services

Services to properties are single phase 35mm² A/C cable terminated in 100 Amp cut out (except where specified).

Phase Identification

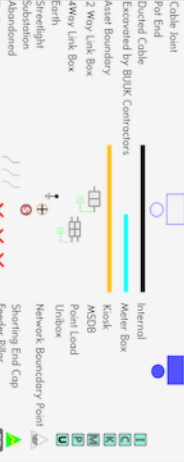
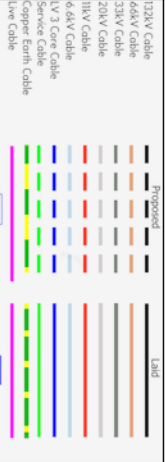
For colour convention mains, the connected phases will be shown as BR, BK, GY Where BR = brown / BK = black / GY = grey.

Material Specification

In cables, equipment and construction method on this network are to be in accordance with the following specification.

Excavation Carried Out by BULK

The trenches highlighted in blue will be excavated and reinstated by BULK 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 BULK 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. Site digging practices, in accordance with BS EN 13130 - 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.

Developers Responsibility
All rights reserved Ordnance Survey Licence number 0100021063.

Developer's Responsibility
The developer, it will be the developer's responsibility to recover the costs of the developer, including administrative costs will be fully recharged to the developer.

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

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Last Edit By:

Last Approved By:

OS Ref:

Location:

Developer/Client:

Drawing Number/Title:

Network Number:

Project Number:

Scale:

Sheet Size:

Revision:

A3



