N0018694_E1 MK13 7PH

ENC Cross Section Of single LV Cable laid Direct In Footpath

N0018694_LV POC MK13 7PH

POC Details

Name:	LV POC
Capacity (kVA):	0
DNO ref:	3992278
MPAN:	
Volt drop (%):	2.84
ELI (mΩ):	60.0
Conn type:	Branch joint

N0018694_MSDB8C2 MK13 7PH

MSDB Details: MSDB8C2

Plot	Phase	Floor
7	BR	
8	GY	
9	OY	
10	BK	
11	BR	
12	GY	
LL 7-12	OY	
	BK	

N0018694_MSDB26E MK13 7PH

MSDB Details: MSDB26E

Plot	Phase	Floor
1	BR	
2	BR	
3	GY	
4	GY	
5	BR	
6	GY	

N0018694_MSDB26G MK13 7PH

MSDB Details: MSDB26G

Plot	Phase	Floor
13	BR	
14	BR	
15	BK	
16	BK	
17	GY	
18	OY	

23-03-2019

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

Diodes Notes
All electric mains, services and ducts that shall contain electric cables, must be overlaid with electric identification marker tape 250mm beneath the finished surface. Electric mains and services should have a minimum of 250mm clearance from other utilities.

Backfill specification
Directly buried cables should be surrounded by cable sand installed to BS EN 12620 - Aggregate size of 6/2mm 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 should be black twin walled corrugated oldpitaat and should conform to EN50 086
- 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	Min Duct Inside Diameter
Single Phase	90mm
3 Phase LV	150mm
HV	150mm

Service Sizes
All service cables to properties are single phase 35mm² 4c Cable terminated in 100 amp cut out (except where specified).

Phase Identification
For new colour convention mains, the connected phases will be shown as BR, BK, GY (three BR = brown (red) / BK = black (yellow) / GY = grey (blue).

Material Specification
All cables, equipment and construction method on this network are to be in accordance with GS1 documentation.

Excavation Carried Out by BULK
The trenches shall be backfilled in that will be excavated and reinstated by BULK unless directed otherwise, in that will be excavated and reinstated by BULK are contractors, the excavation and reinstatement of the other trenched will be the responsibility of the customer.

RECOMMENDED POSITIONING OF UTILITY APPARATUS IN FOOTWAY (Not to Scale)

Typical road/verge section indicating depth of cover for utility apparatus (not to scale)

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. Its accuracy cannot be guaranteed. Service connections are not shown. No liability of any kind whatsoever is accepted by the company. Safe digging practices, in accordance with HSG47/97, 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 0100027060.

Backfilling of Excavations
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 developer's 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.

GTC, Nuleigh Business Park, Brough, HU15 1GW
Tel: 01359 240353
www.gtc-uk.co.uk

Last Edit By:

Last Approved By: GAVIN DOTHIE 21-03-2019

Approved

OS Ref: 484308,240286

Location: Suffolk Punch Pub, 1 Langcliffe Drive, Heelands, MILTON KEYNES, MK13 7PL

Developer/Client: High Street Homes

Drawing Number/Title: EN0018694-1_1_of_1_appendix

Network Number:	Project Number:
N0018694_	N0018694-1

Scale: 1:500 | Sheet Size: A1 | Revision: 5-8

GTC Plant Enquiry. Our Ref 1540515, Your Ref N/A generated for tracey.mehew@rolton.com at 14/10/2020 17:36:42. This drawing is reproduced from our records archive at the time of enquiry.