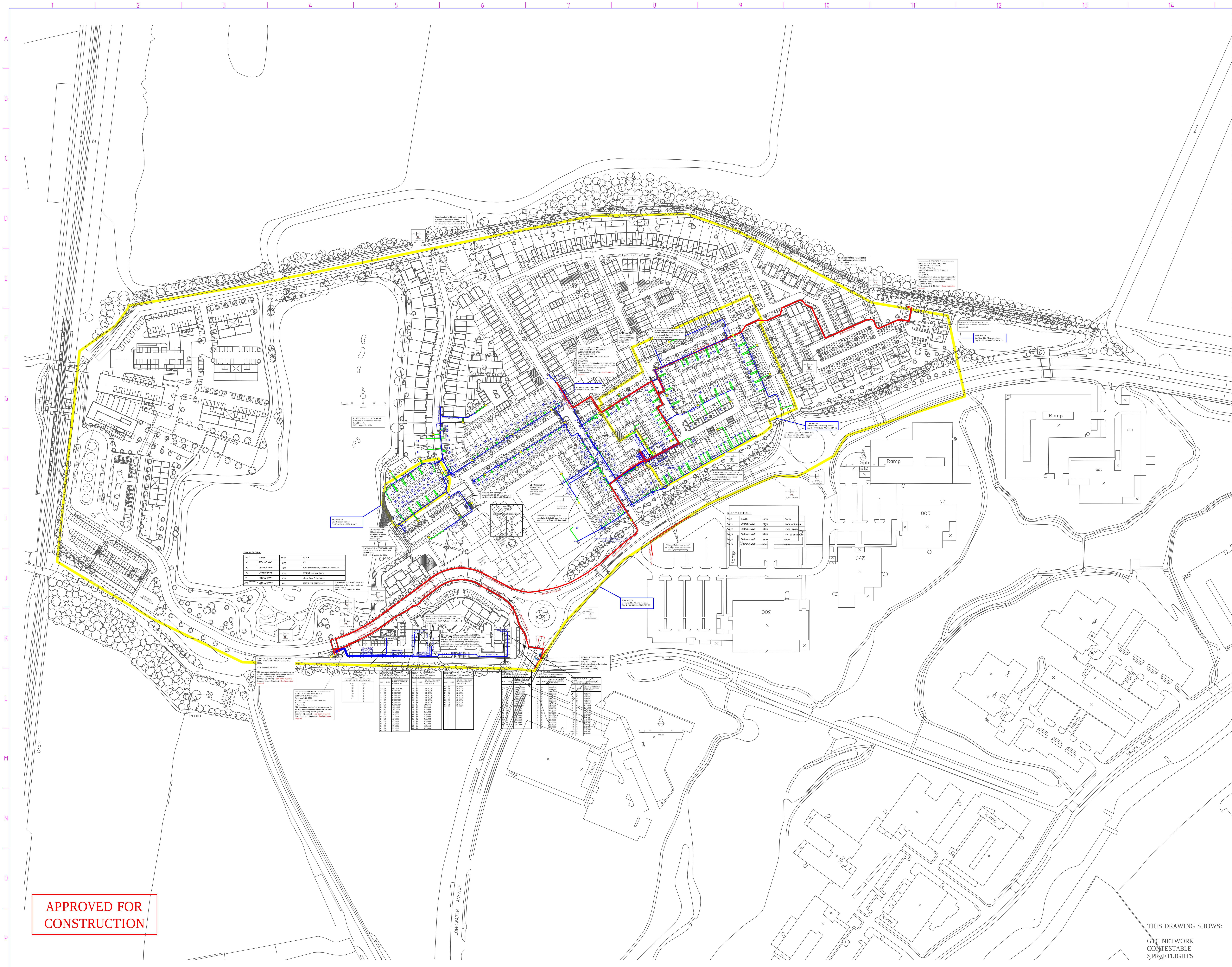
DIANA PERJU 17.03.2017



Rev	Revision Note	Date	Drawn by	Approved
2-0	As Laid Data added from Work Request 266400	19/08/16	SH	N/A
2-1	Mains, Services & Notes Added (South Site)	22/08/16	DWA	JD
2-2	As Laid Data added from Work Request 270302 Part Processed	08/09/16	SH	N/A
2-3	As Laid Data added from Work Request 270302 Completed	27/09/16	DWA	N/A
2-4	As Laid Data added from Work Request 273982 Part Processed	06/10/16	SH	N/A
2-5	As Laid Data added from Work Request 270871 Part Processed	13/10/16	BGO	N/A
2-6	LRC Data added from LV 21760 (BPID 34611) LRC tab added	20/10/16	MV	N/A
2-7	LRC Data added from LV 21795 (BPID 35130)	24/10/16	ARO	N/A
2-8	HV as laid data added, as per Peter Ashby Email Sent: 19/10/16 14:04	24/10/16	DWA	N/A
2-9	Variation: 27 street lights, mains and 2 feeder pillars added	26/10/16	NC	DHA
3-0	As Laid Data added from Work Request 275512	09/11/16	BGO	N/A
3-1	Variation: 6x Streetlights amended	10/11/16	NC	RSP
3-2	As Laid Data added from Work Request 277217	15/11/16	ALH	N/A
3-3	Variation: 5 streetlights re-located.	22/11/16	MS	RFP
3-4	As Laid Data added from Work Request 279457	22/11/16	DHA	N/A
3-5	As Laid Data added from Work Request 279447	25/11/16	DWA	N/A
3-6	Variation: 1x SFMFP relocated	26/11/16	DN	DHA
3-7	AS Laid Data added from Work Request 241916	07/12/16	AW	N/A
3-8	AS Laid Data added from Work Request 287368	07/12/16	JG	N/A
3-9	Variation: New Asset boundary added	07/12/16	CH	KC
4-0	Added EN0016452-2 Measurement points 49-70 added.	08/12/16	OD	JD
4-1	As Laid Data added from Work Request 273982 & 270871 Completed	08/12/16	MEP	N/A
4-2	Variation: Streetlights relocated, Mains added, Feeder Pillar relocated & Joints removed	09/12/16	MV	RP
4-3	As Laid Data added from Work Request 279700	09/12/16	JJ	N/A
4-4	Variation: TBS, mains and text box added.	12/12/16	MS	RFP
4-5	Variation: Maisn route and MSDB boxes altered	15/12/16	DWA	DT
4-6	Variation: Services added for plots 126/127 Mains amdended.	19/12/16	MS	DT
4-7	AS Laid Data added from Work Request 285968	19/12/16	JG	N/A
4-8	Variation: Text boxes amended	21/12/16	DN	KC
4-9	HV Contestable data added & blank updated	09/01/17	DN	SM
5-0	LRC Data added from LV 23006 (BPID 47533)	17/01/17	JJ	N/A
5-1	As Laid Data added from Work Request 285522 Part Processed	18/01/17	NC	N/A
5-2	LRC Data added from LV23062 (BPID 48040)	19/01/17	AW	N/A
5-3	As Laid Data added from Work Request 286039 Part Processed	23/01/17	DWA	N/A
5-4	Blank Amended (BLANK 19-01-17) Road Entrance near plot 184 & 434	26/01/17	DWA	JN
5-5	Variation: 16 x Streetlights added Email Sent: 01/02/2017 12:26	03/02/17	JJ	RFP
5-6	Contestable: HV amended	05/02/17	DHA	JN
5-7	AS Laid Data added from Work Request 290188	09/02/17	DWA	N/A
5-8	L/L Supplies removed from MSDB's	10/02/17	DWA	DT
5-9	DNO as-laid data added as per LA. Email sent: 10/02/17 8:23	10/02/17	HST	N/A
6-0	LRC Data added from LV 23524 (BPID 52498)	14/02/17	NC	N/A
6-1	Variation: Mains and text box amended LRC Data added from LV 23526 (BPID 52502)	14/02/17 14/02/17	NC NC	KC N/A
6-2	AS Laid Data added from Work Request 295345	20/02/17	BL	N/A
6-3	AS Laid Data added from Work Request 296721	07/03/17	DWA	N/A
6-4	As Laid Data added from Invoice No. 0053776	09/03/17	JAB	N/A
6-5	TBS Added o/s plot P4-32 TBS Added o/s plot 97	13/03/17	DWA	DP

ELECTRICITY NETWORK DESIGN DRAWING

DO NOT REMOVE FROM FILE

This electrical network design has been carried out in accordance with GTC GE-NOP-ES-0017

All cable and equipment used on this design are to be in accordance with ENC's G81 Standards

GTC REF: 34075193-1 JD 22/12/15

Authorised: Date:

Proposed HV Mains
All HV cables to be laid in pre-excavated trench to 600mm cover, provided by the developer (except A - B). Road crossings to be plastic 150mm rigiduct, at 750mm cover to the finished level.

Proposed LV Mains
All LV cables to be laid in pre-excavated trench to 450mm cover, provided by the developer (except A - B). Road crossings to be plastic rigiduct sized to accomodate the mains shown on this drawing, at 750mm cover to the finished level .

Harmonised Mains Cables - Phase Identification
For new colour convention mains, the connected phases will be shown as BR, BK, GY where BR = Brown (Red) / BK = Black (Yellow) / GY = Grey (Blue).

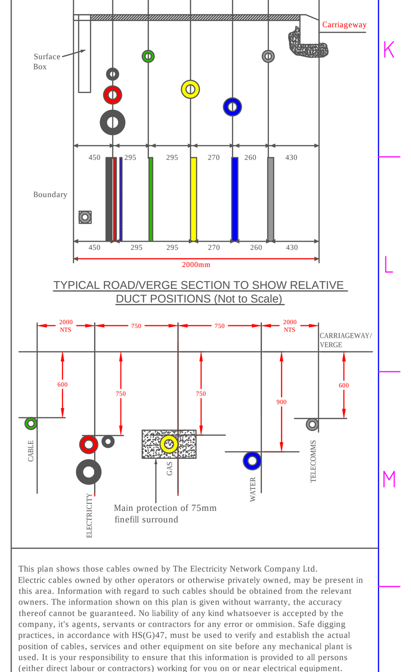
All services are to be ducted. Duct laid by the developer at 450mm cover to the finished level. Road crossings to be ducted with 150mm rigiduct.

LEGEND

- 33kV cable - Proposed
- 33kV cable - Existing / Laid
- 11kV cable - Proposed
- 11kV cable Existing / Laid
- LV cable - Proposed
- LV cable - Existing / Laid
- Service cable
- Offsite Cable
- Offsite service
- Meter position
- Cable Joint - LV (Proposed / Laid)
- Cable Joint - HV (Proposed / Laid)
- 2 Way Link Box
- 4 Way Link Box
- Sub station (doors shown)
- Cable with duct
- LV Feeder Pillar
- Pot end & earth electrode - LV (Proposed / Laid)
- Pot end & earth electrode - HV (Proposed / Laid)
- Shorting end cap
- Earth
- Street lighting column
- Network boundary point

Cable Sizes	Duct Sizes
35mm service cable	38mm NJUG
Mains cables	150mm duct

ANY DEVIATION FROM THESE SIZES IS AT THE DEVELOPERS OWN RISK



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, it's agents, servants or contractors for any error or ommision. 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.

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enc the electricity network co.

THIS DRAWING SHOWS:

GTC NETWORK
CONTESTABLE
STREETLIGHTS

Drawing Scale :	1:1000
O.S.REF :	470156, 170266
Network Number :	N0016452-1
Project Number :	
Drawing Number :	EN0016452-1_R6-5_1_of_8 Entire Site
Developer :	Peter Brett Associates/Berkeley Homes
Location :	Green Park Village, Longwater Avenue, Pingewood, Reading, Berkshire, RG30 3UR

SHEET SIZE A0