N0014504_E1 OX25 5TD

ENC Cross Section Of Dual HV Cable Ducted In Carriageway

N0014504_E2 OX25 5TD

ENC Cross Section Of Dual HV Cable Ducted In Carriageway

N0014504_E3 OX25 5HD

Drawing Notes:
Mains cable ducts and duct that shall contain electric cables, must be overlaid with electric identifiable marker tape 365mm beneath the finished surface. Electric mains and service should have a minimum of 300mm clearance from other utilities.

Drawing Notes:
Mains cable ducts and duct that shall contain electric cables, must be overlaid with electric identifiable marker tape 365mm beneath the finished surface. Electric mains and service should have a minimum of 300mm clearance from other utilities.

N0014504_E4 OX25 5HD

Drawing Notes:
Mains cable ducts and duct that shall contain electric cables, must be overlaid with electric identifiable marker tape 365mm beneath the finished surface. Electric mains and service should have a minimum of 300mm clearance from other utilities.

N0014504_E5 OX25 5HD

Drawing Notes:
Mains cable ducts and duct that shall contain electric cables, must be overlaid with electric identifiable marker tape 365mm beneath the finished surface. Electric mains and service should have a minimum of 300mm clearance from other utilities.

04-12-2018

The drawing is echo multiple drawings for details please refer to all drawings

Electric Notes
Mains cable ducts and duct that shall contain electric cables, must be overlaid with electric identifiable marker tape 365mm beneath the finished surface. Electric mains and service should have a minimum of 300mm clearance from other utilities.

BuildER specification
Directly buried cables should be surrounded by cable sand installed to BS 876 and BS 7671 Appendix 5 Table 5A. The sand shall be placed to a depth of 75mm below the bottom of the trench and a further 75mm above the top of the cable.

Ducting Specification
- Ducting should be of black 5mm walled corrugated HDpolyduct and should conform to EN4570 1224
- Ducting should be used when laying cables across roads and into buildings
- Ducts are shown on the drawing as a thick black line
- Only one cable is allowed per duct

EN75 Cable	No. Duct Cable Diameter
Single Phase	90mm
3 Phase LV	150mm
HV	150mm

Service Sizes
All service cables to properties are single phase 35mm² Al Cable terminated in PE pillar unless otherwise specified).

HV Cable Colours
For new colour convention mains, the connected phases will be shown as BR, BL, SY (Where BR = brown (red) / BK = black (yellow) / SY = grey (blue).

Material Specification
All materials, workmanship and construction method on this network are to be in accordance with IDS documentation.

Excavation Carried Out by BUUK
The trenched highlighted in blue will be excavated and reinstated by BUUK 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)
Electricity Depth EHV 750mm – 1200mm / HV 450mm – 600mm / LV 450mm

N0014504_MSDB27C OX25 5HD

MSDB Details	MSDB27C	
Plot	Phase	Floor
441	BK	0
442	BK	0
443	BK	0
444	BK	0
445	BK	0

Landlord 440-445 BK

N0014504_Sub_Substation 7 OX25 5TD

Substation Details		
Way	Cable	Fuse (A)
	300mm	400

Name:	Substation 7
Number/PO:	
Transformer size (KVA):	1000
LC cabinet:	1000
LV ACB:	1000
ELF size (KVA):	Low
Environ assess:	Low
Building type:	Standard/Brick/built
(Mat.):	
Intake RMU #1:	

N0014504_MSDB27F OX25 5HD

MSDB Details	MSDB27F	
Plot	Phase	Floor
391	BK	0
392	BK	0
393	BK	0
394	BK	0
395	BK	0
396	BK	0
397	BK	0

Landlord 391-397 BK

N0014504_MSDB62G OX25 5HD

MSDB Details	MSDB62G	
Plot	Phase	Floor
309	BK	0
310	BK	0
311	BK	0
312	BK	0

Landlord 309-314 BK

N0014504_2 way link box NOP OX25 5TB

Unidesk Details	
Owned by:	
Volt drop (%):	None
Fuse (A):	None
Fuse size (A):	

N0014504_MSDB69S OX25 5HD

MSDB Details	MSDB69S	
Plot	Phase	Floor
501	BK	0
502	BK	0
503	BK	0
504	BK	0
505	BK	0
506	BK	0
507	BK	0
508	BK	0

Landlord 500-508 BK

N0014504_MSDB27B OX25 5HD

MSDB Details	MSDB27B	
Plot	Phase	Floor
434	BK	0
435	BK	0
436	BK	0
437	BK	0
438	BK	0
439	BK	0

Landlord 434-439 BK

N0014504_MSDB27J OX25 5HD

MSDB Details	MSDB27J	
Plot	Phase	Floor
393	BK	0
394	BK	0
395	BK	0
396	BK	0
397	BK	0
398	BK	0
399	BK	0
400	BK	0
401	BK	0
402	BK	0
403	BK	0

Landlord 393-403 BK

N0014504_MSDB62F OX25 5HD

MSDB Details	MSDB62F	
Plot	Phase	Floor
313	BK	0
314	BK	0
315	BK	0
316	BK	0
317	BK	0

Landlord 315-320 BK

N0014504_MSDB62J OX25 5TD

MSDB Details	MSDB62J	
Plot	Phase	Floor
321	BK	0
322	BK	0
323	BK	0
324	BK	0
325	BK	0
326	BK	0
327	BK	0
328	BK	0
329	BK	0
330	BK	0
331	BK	0
332	BK	0
333	BK	0
334	BK	0
335	BK	0
336	BK	0
337	BK	0
338	BK	0
339	BK	0
340	BK	0

Landlord 341-349 BK

N0014504_MSDB27A OX25 5HD

MSDB Details	MSDB27A	
Plot	Phase	Floor
428	BK	0
429	BK	0
430	BK	0
431	BK	0
432	BK	0
433	BK	0

Landlord 428-433 BK

N0014504_MSDB27B OX25 5HD

MSDB Details	MSDB27B	
Plot	Phase	Floor
410	BK	0
411	BK	0
412	BK	0
413	BK	0
414	BK	0
415	BK	0
416	BK	0
417	BK	0
418	BK	0
419	BK	0

Landlord 410-419 BK

N0014504_MSDB27D OX25 5HD

MSDB Details	MSDB27D	
Plot	Phase	Floor
445	BK	0
446	BK	0
447	BK	0
448	BK	0
449	BK	0
450	BK	0

Landlord 446-451 BK

N0014504_Sub_Substation 5 OX25 5HD

Substation Details		
Way	Cable	Fuse (A)
1	300mm	315
2	300mm	315
3	300mm	315
4	300mm	315
5	300mm	315

Name:	Substation 5
Number/PO:	
Transformer size (KVA):	1000
LC cabinet:	1000
LV ACB:	1000
ELF size (KVA):	Low
Environ assess:	Low
Building type:	Standard/Brick/built
(Mat.):	
Intake RMU #1:	

N0014504_MSDB62K OX25 5HD

MSDB Details	MSDB62K	
Plot	Phase	Floor
385	BK	0
386	BK	0
387	BK	0
388	BK	0
389	BK	0
390	BK	0

Landlord 385-390 BK

N0014504_MSDB62H OX25 5HD

MSDB Details	MSDB62H	
Plot	Phase	Floor
364	BK	0
365	BK	0
366	BK	0
367	BK	0
368	BK	0
369	BK	0

Landlord 364-369 BK

N0014504_MSDB62J OX25 5HD

MSDB Details	MSDB62J	
Plot	Phase	Floor
358	BK	0
359	BK	0
360	BK	0
361	BK	0
362	BK	0
363	BK	0

Landlord 358-363 BK

N0014504_MSDB27G OX25 5HD

MSDB Details	MSDB27G	
Plot	Phase	Floor
419	BK	0
420	BK	0
421	BK	0
422	BK	0
423	BK	0
424	BK	0
425	BK	0
426	BK	0

Landlord 419-427 BK

N0014504_MSDB621 OX25 5TD

MSDB Details	MSDB621	
Plot	Phase	Floor
331	BK	0
332	BK	0
333	BK	0
334	BK	0
335	BK	0
336	BK	0
337	BK	0
338	BK	0

Landlord 332-340 BK

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 accuracy of the information shown on this plan in relation to any other apparatus cannot be guaranteed. No liability of any kind whatsoever is accepted by the company. Safe digging practices, in accordance with HSG47, must be adopted before any excavation is carried out in the vicinity 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 0100031673.

Developers Responsibility
When apparatus have been laid it becomes the responsibility of the developer to ensure that adequate protection from damage during works to be carried out as soon as possible. Replacement and repair of damaged apparatus, including administrative costs will be fully recharged to the developer. It is the developer's responsibility to recover the costs from the third parties.

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

Asset Owner:
ENC, Wood Business Park, Suffolk IP32 6JP
Tel: 01359 240300 www.enc.co.uk
GRS Reg. No. IUP 200870597/1979

enc • the electricity network co.

Last Edit By::	
Last Approved By:	DAVID OVERMAN 04-12-2018

Approved

OS Ref: 451333.225889

Location: Heyford Park, Camp Road, Upper Heyford, Bicester, Oxfordshire, OX25 5HD

Developer/Client: Dorchester Group

Drawing Number/Title: EN0014504-1_5_of_12_appendix

Network Number:	Project Number:
N0014504	N0014504-1

Scale:	Sheet Size:	Revision:
1:500	A0	4-0

N0014504-1