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KEY
- SITE BOUNDARY
- LV CABLE
- HV CABLE
- POT END
- LV JOINT

N

Brick Built Substation
IDNO Tier 2 1000kVA
DUAL RATIO
7way transformer mounted
cabinet.

Barton Hill Drive

Pumping Station

Lower Road

CYCLE/FOOTPATH

CABLE DATA

- SERVICE CABLE — SIZES - 35mm AL HYBRID, 3x 35mm AL HYBRID
- SERVICE CABLE DUCTED DUCT SIZE
- 3x1c 95sqf
- LV MAINS CABLE — SIZES - 3x OR 4x 95sqf, 185sqf, 300sqf
- LV MAINS CABLE DUCTED DUCT SIZE — (ADD 10MM FOR INTERNAL USE)
- 3x1c 300 TRIPLEX
- 6.6kV CABLE — SIZES - 3x1c 95 TRIPLEX, 185 TRIPLEX, 300 TRIPLEX, 400 TRIPLEX
- 6.6kV CABLE DUCTED DUCT SIZE
- 3x1c 300 TRIPLEX
- 11kV CABLE — SIZES - 3x1c 95 TRIPLEX, 185 TRIPLEX, 300 TRIPLEX, 400 TRIPLEX
- 11kV CABLE DUCTED DUCT SIZE — 160mm
- 3x1c 185 AL XLPE
- 33kV CABLE — SIZES - 1 no 2c XLPE - 185, 240, 300, 400
- 33kV CABLE DUCTED DUCT SIZE — 160mm
- 3x1c 185 AL XLPE
- 132kV CABLE — SIZES - 1 no 2c XLPE - 185 to 1000; 1 no 4c XLPE - 185 to 1000
- 132kV CABLE DUCTED DUCT SIZE — 160mm
- 2x 125mm
- PILOT/MULTICORE (No. CORES & SIZE)
- PILOT/MULTICORE DUCTED DUCT SIZE - DUCT SIZES 100mm, 125mm, 150mm
- CROSS SECTION MARKER

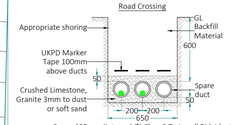
LV JOINTS AND TERMINATIONS

- LV STRAIGHT JOINT
- LV BREACH JOINT
- LV POT END & EARTHING ROD
- LV LINK BOX (INC. LINK BOX No.) — FUSE SIZE
- LV SERVICE BREACH JOINT (1 OFF 2 WAY)
- 100A SP & N.O.O. TERMINATION (METERED)
- 100A TP & N.O.O. TERMINATION (METERED)
- 200A, 400A, 800A INDUSTRIAL CUT OUT (RATING)
- ACB/MCCB TERMINATION (METERED) — ACB/MCCB 800A; 3c 185sqf
- REMOTE METERING PANEL
- EMERGENCY TRIP BUTTON

HV JOINTS

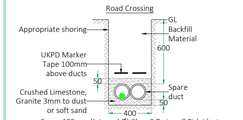
- 6.6kV HV STRAIGHT JOINT
- 11kV HV STRAIGHT JOINT
- 33kV HV STRAIGHT JOINT
- 132kV HV STRAIGHT JOINT
- 0.9m COVER — DEPTH MARKER

Road Crossing



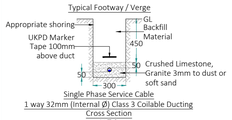
3 way 125mm (Internal Ø) Class 2 Twinwall Ridgiduct
Cross Section F-F
N.T.S
Backfill in Accordance with 'Specification of Reinstatement of Openings in the Highways' & the IDNO G81 Document

Road Crossing



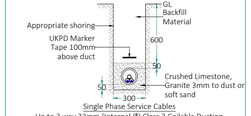
2 way 125mm (Internal Ø) Class 2 Twinwall Ridgiduct
Cross Section C-C
N.T.S
Backfill in Accordance with 'Specification of Reinstatement of Openings in the Highways' & the IDNO G81 Document

Typical Footway / Verge



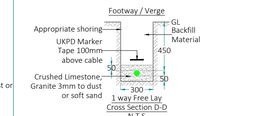
Single Phase Service Cable
1 way 32mm (Internal Ø) Class 3 Coilable Ducting
Cross Section
N.T.S
Backfill in Accordance with 'Specification of Reinstatement of Openings in the Highways' & the IDNO G81 Document

Typical Road Crossing



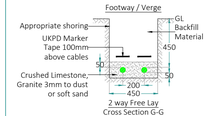
Single Phase Service Cables
Up to 3 way 32mm (Internal Ø) Class 3 Coilable Ducting within a 125mm (Internal Ø) Class 2 Twinwall Ridgiduct
Cross Section
N.T.S
Backfill in Accordance with 'Specification of Reinstatement of Openings in the Highways' & the IDNO G81 Document

Footway / Verge



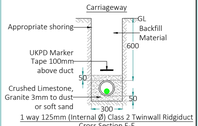
1 way Free Lay
Cross Section D-D
N.T.S
Backfill in Accordance with 'Specification of Reinstatement of Openings in the Highways' & the IDNO G81 Document

Footway / Verge



2 way Free Lay
Cross Section G-G
N.T.S
Backfill in Accordance with 'Specification of Reinstatement of Openings in the Highways' & the IDNO G81 Document

Carriageway



1 way 125mm (Internal Ø) Class 2 Twinwall Ridgiduct
Cross Section E-E
N.T.S
Backfill in Accordance with 'Specification of Reinstatement of Openings in the Highways' & the IDNO G81 Document

NOTES:
1.DO NOT SCALE FROM THIS DRAWING.
2.ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE.
3.UNLESS OTHERWISE STATED ALL DIMENSIONS IN MILLIMETRES.

REVISIONS			
08			
07			
06			
05			
04			
03			
02			
01	XX/XX/XX	FIRST ISSUE - TENDER	XX
REV	DATE	DETAILS OF DESCRIPTION	CHK'D

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CLIENT	Persimmon Homes		
PROJECT	ICP1802 - Barton Hill Drive		
SITE ADDRESS	Barton Hill Drive, Minster on Sea, ME12 3LZ		
TITLE	IDNO AS LAID		
DRAWN BY	XX	DESIGNER	XX
SCALE	1:250 @ A1 / 1:500@A3		
DRAWING NO			
STATUS			