Reference:	FN-HERRK-01 - 84 Premises
Area Name:	Herons Park
Works Address:	Herons Park, Dapeprs Lane, Angmering, Littlehampton, West Sussex, BN16 4NA

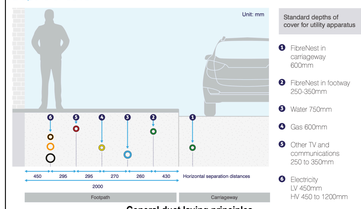
Work Point Reference Details
Description of work carried out

WP 1	Build everything within the Black Primary Boundary
WP 2	Cabinet, please see approx location and refer to FibreNest Cabinet Installation guide.
WP 3	Active Cabinet : x 507240 y 105179 Distribution Cabinet : x 507242 y 105179
WP 4	Chamber sizes: FW4 - 915 x 455mm / FW6 - 1310 x 610mm / CW2 - 1220 X 675mm
WP 5	Chamber Rings — FW4: Road Crossings - 5 Rings / Non RoadCrossings 4 Rings FW6: Road Crossings - 6 Rings / Non RoadCrossings 5 Rings
WP 6	96mm Grey Duct connecting BT/OR Network to Fibrenest site, Grass verge runs along CW from Site to nearest BT/OR Chamber - TRAFFIC MANAGMENT MAY BE REQ.
WP 7	Nearest BT/OR Chamber is CW (JRF10 on Platform)
WP 8	
WP 9	
WP 10	

Revision Details

v1	01-04-2021	First issue	SS
v1.1	12-04-2021	Added 2way road crossings	SS

Depths of cover



General duct laying principles

Identification and depths of cover

Your FibreNest duct plan clearly illustrates the position and layout of the ducts required on your new development. FibreNest's duct is green in colour and has the FibreNest logo and emergency contact details printed on it. ø96mm duct is used for main service routes i.e. under footways, road crossings and when internally presented to multi-dwelling units. ø54mm duct is used for runs to plots and other buildings, which connects to the ø96mm duct using a Swept-Tee. Ducts in footpath and runs to plots must be laid at **250-350mm** depth of cover. Ducts under the carriageway must be laid at **600mm** depth of cover.



Important!
It is critical that Swept-Tees are installed in the correct orientation as indicated on your duct plan.

Important rules for construction

Duct should be laid strictly in accordance with the plan as issued and the following rules always adhered to:

- All ducts should be laid as straight as possible with the FibreNest logo and emergency contact details facing upwards
- Only ONE 90° bend is permitted to be used in any single run of ø96mm duct - none in ø54mm duct
- 90° bends must NEVER be installed in any duct that links two joint boxes together
- Shallow bends are provided for where required by the design but if needed, the duct can also be carefully bent a few degrees
- When installing more than one communications operators' infrastructure, each operator's ducts should be laid with a minimum separation distance of 300mm
- All space alongside ducts must be backfilled with granular fill to a minimum thickness of 75mm
- The termination point of the ø54mm duct serving each property should be a location that allows unrestricted access for future maintenance
- A ø6mm draw rope or ø8/5mm sub-duct must be installed into duct runs from all plots and buildings to and between joint boxes, as agreed with your Newsites Manager
- Where it is agreed that sub-duct will be installed instead of draw rope, the exact joint box in which each length must terminate will be provided in a written schedule
- Duct ends should be deburred and, if they are to be left open/exposed for any amount of time, the red end caps (provided) fitted to ensure that they remain clean and free of debris
- Ducts should pass through and protrude into the inner wall surface of joint boxes by a minimum of 10mm and a maximum of 25mm. Ducts entering joint boxes through opposite walls should be positioned in line (vertically and horizontally).

Civils Drawing

Any modifications to the drawings or use of alternative items to those specified must be agreed with the FibreNest local planning department.

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Legend

- 54mm Drop Duct (Green) — *Colour Indicates FW6 Joint Box/Node affiliation*
- 96mm Duct (Green) — *X indicates no of ways/ducts*
- 96mm Duct (Grey) — *X indicates no of ways/ducts*
- FW6 Joint Box (with Node Number) — *1310mm x 610mm - Preformed*
- FW4 Joint Box (FibreNest Cover) — *915mm x 445mm - Preformed*
- FW4 Joint Box (Unbranded Cover) — *915mm x 445mm - Preformed*
- Existing Joint Box — *x indicates Joint Box Type*
- CW2 Joint Box (Ductile Iron Cover) — *1220mm x 675mm - Brick Built*
- Site/Primary Boundary
- Service Group Boundary
- Active Cabinet
- Distribution Cabinet
- Plot Drop Duct Info — *Arrow indicates Swept Tee Direction; P - Plot No.; N - Node No. of the FW6 Joint Box to which the plot's duct must be installed to, as can also be determined by the corresponding colours.*

Originator:	FibreNest Planning
Contact No:	
Issue Date / No:	01-04-2021 | 1
Office:	York
Line Manager:	L. Ronan

A1 Scale

FibreNest
Persimmon House
Fulford,
York,
YO19 4FE

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