



Fibre-to-the-Premises Network

Information for Homeowners and Builders

Congratulations on your purchase of land in an estate where access to telecommunications and entertainment services is provided by LBNCo over a state-of-the-art fibre-to-the-premises (FttP) network. You will have your own optic fibre cable that will connect you to superfast broadband including access to internet TV, the public phone network, free-to-air digital television and in some estates pay-television (Foxtel).

This guide will step you through the things that need to be considered and done to get you connected.

There are other documents and resources available which provide technical detail for you and your builder and sub-contractors to ensure that everything is done correctly and ready to go before you move in.

1. You need to work with your builder and plan what you require by way of phone, data, TV and pay-tv points throughout your home. During this planning you need to decide whether you require battery back-up on the LBNCo equipment to ensure you remain connected through the telephone network for emergency calling, care alert or medical monitoring. This is an option you can purchase.

For consideration:

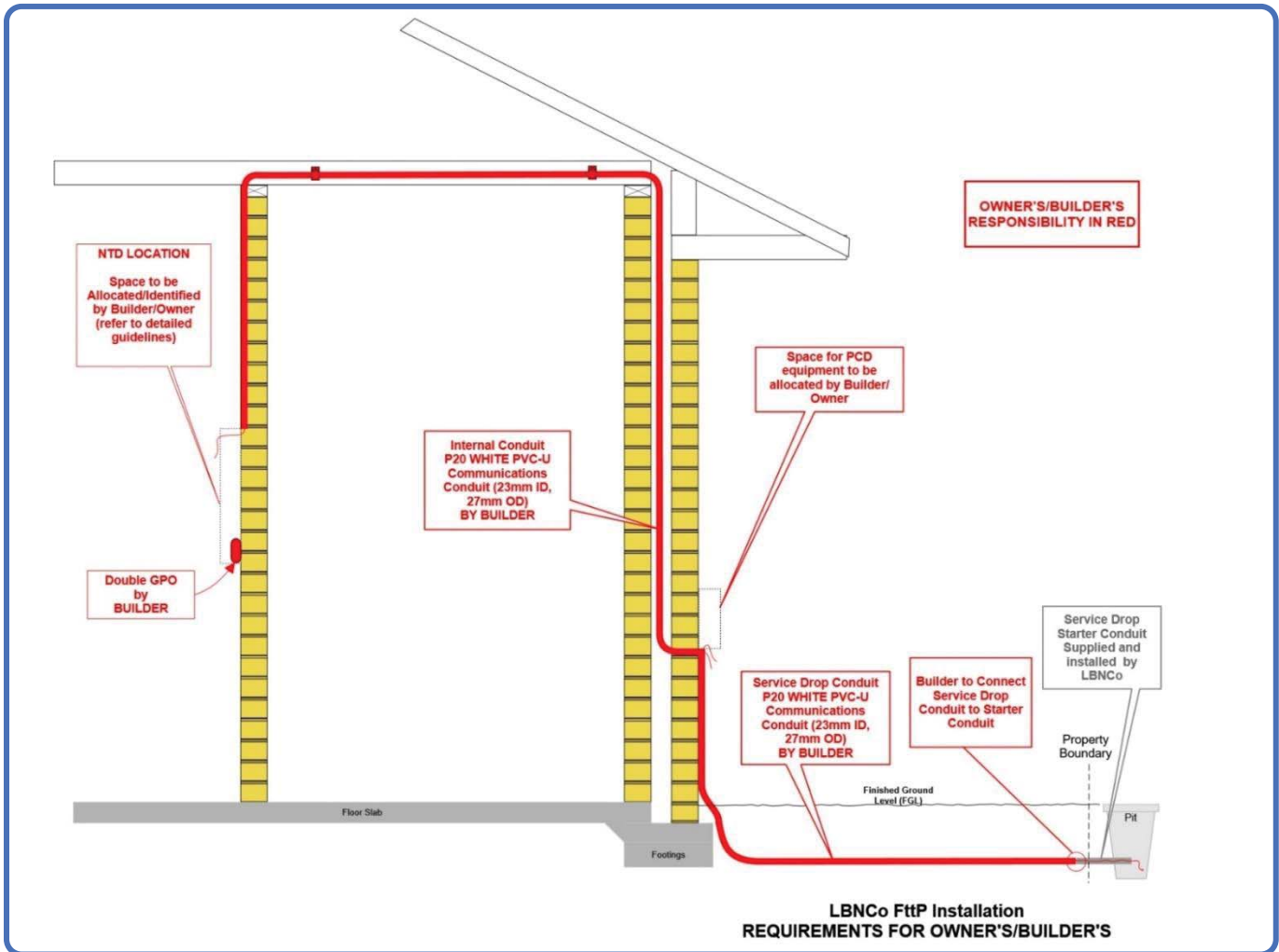
- Where and how you will use computers, mobile devices, smart TVs, set-top-boxes and other devices and appliances that connect to broadband or phone networks
- How those devices and appliances will connect
 - Hard wiring
 - WiFi
 - Power line communications
 - Other
- Where you require fixed line phone points including for cordless phone base stations
- Use of security, care alert or medical monitoring systems and the like that require connection to broadband, fixed line phone or mobile phone networks
- Where you want TV sets, recorders, set-top-boxes that require TV points and power outlets

2. Once you know where you want the services then you need to decide where the LBNCo equipment is to be installed inside and outside the home. Your builder has the detailed requirements for suitable locations for the LBNCo equipment namely the Premises Connection Device (PCD) and the Network Termination Device (NTD).

Basic rules:

- PCD near to the power meter box with required clearances (refer to your builder)
- NTD:
 - In the same building, under the same roof, as the power meter box
 - Internal to the building and not exposed to weather including under an opening window
 - In a well ventilated area or where there is sufficient space to dissipate heat
 - Not in a wet or damp area such as a kitchen, bathroom, laundry
 - Not in areas used by children, where the equipment could present a safety hazard or

3. Your builder installs equipment required for LBNCo to install its equipment.



The builder, usually at the same time as they are carrying out the electrical installation for the home, will also install the internal cabling and points that you planned.

4. Once the requirements in the following checklist have been met you select and contact your *Retail Service Provider*, if you haven't already, and they get things going for LBNCo to install its equipment and connect your home to the network.

Requirements to get connected to the LBNCo FttP Network

- NTD location has been allocated
- PCD location has been allocated
- Service Drop Conduit is installed from the Pit to the PCD
- Internal Conduit is installed from the PCD to the NTD
- A dual GPO has been installed to power the NTD
- Your home has been wired for telephone, data (internet) and TV points/outlets

A more detailed document for the builder: 'Connection to the LBNCo Fibre to the Premises Telecommunications Network' is available from LBNCo's website www.lbnco.com.au