

# Planning Policy Briefing



Audience: All Planners and Planning managers  
Category: FoD & FTTP

## FTTP Partial Commissioning

### Introduction

This briefing is to inform you of a change to the FTTP build policy when encountering continuous DP's and a reminder of where and when "**partial commissioning**" of a PON/DP is acceptable.

The policy documented in this briefing is applicable to **funded** FTTP programmes.

### The Standard Policy

The FTTP network is designed using the "The Ghost Plan" modelling tool and is our "ultimate build" network blueprint of how we should deploy fibre throughout the UK.

Where an FTTP programme is building to reach targeted premises (initial build) the network must be fully designed, dimensioned as per the "Ghost plan". This is documented in:

[NWK/LNK/C541 - FTTP - Brownfield - Scale Architecture - Policy](#)

### Continuous DP's

Continuous DP's are generally overhead routes with a designated owning DP at the start of a route with multiple premises along the route all being routed back to the designated owning DP. These DP routes can extend into many kilometres in some rural locations.

These Continuous DP's present an engineering and financial concern for all FTTP programmes especially where high cost outlier premises exist at the far end of a route or beyond a funded targeted premise.

### Change to Policy for Continuous DP's

The change in policy will support all funded FTTP programmes by allowing for partial commissioning of continuous DP's with high-cost outliers provided the policy criteria below is satisfied.

- Build all network as per the "Ghost Plan" providing capacity as required at locations on-route to the build area.
- Where the target premises are situated remotely from the DP location, build all CBT's along the route as per policy until reaching the final targeted CBT area and premises.
- At the final targeted CBT build all premises as per the policies (outlined below).

- OH CBT to Customer – 150 mts maximum – 2 spans + drop as per [NWK/LNK/C541 - FTTP - Brownfield - Scale Architecture - Policy](#)
- UG CBT ducted to Customer - 150 mts maximum as per [NWK/LNK/C541 - FTTP - Brownfield - Scale Architecture - Policy](#)
- UG CBT DiG – Maximum 150 mts to the customer with a useable route provided to the curtilage of the premises as per [NWK/LNK/C566 - FTTP - Brownfield - DiG Solution for SDUs & MDUs - Policy](#)
- Leave fibre capacity in an intermediate joint (IJ) nr the final CBT. This can then be extended at a later date to the outlier properties which are beyond the CBT 150 metre catchment area.

## Scenario - Continuous DP

The scenario below shows an example of a continuous DP with “funded target premises” beyond the DP and outlier premises beyond the target CBT’s catchment area.

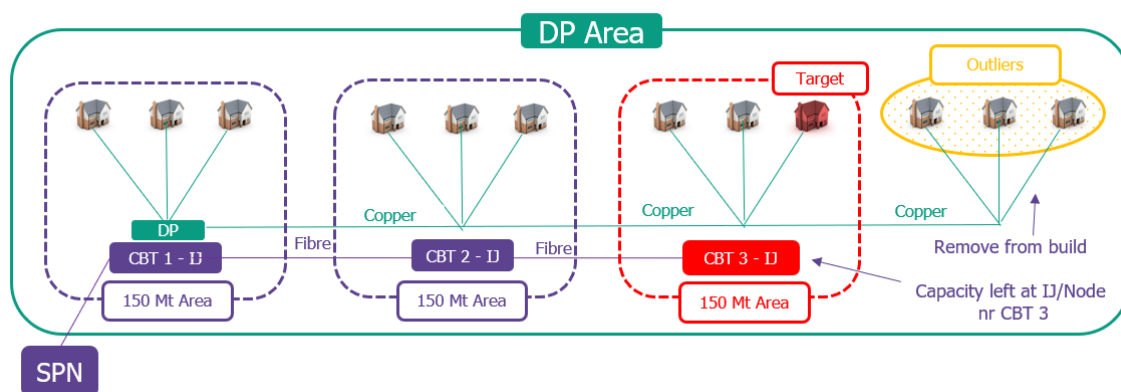


Diagram 1 – Continuous DP Area with Target premises.

- The Target premises is beyond the start of the DP route
- All CBT’s must be built on-route to the CBT area that is required to serve the Target premises
- Each CBT area on-route must be built as per standard policy e.g. CBT to Customer = 150 mts max - 2 spans + drop – DiG to Curtilage.
- Leave spare fibre capacity in the Intermediate Joint for any outliers that exist beyond the 150 metre maximum reach of the target CBT.
- Partial commissioning of the DP area is acceptable.
- The outliers can be removed from the build and recorded as per the partial build process as detailed below.

## Partial Commissioning

We should always aspire to complete PONs by fully providing a complete build of premises whenever possible as this will support our strategy of a full fibre network. Unfortunately, there are several reasons why build of 100% completion of all premises identified is not always possible.

Partial commissioning allows premises that are completed to be forwarded for commissioning and therefore not delaying service availability. However, partial commissioning is only allowable with a valid reason and should not be used to defer cost or as a reason not to build to Network Policy.

Valid reasons for partial commissioning include:

- MDUs awaiting wayleave
- DiG areas deemed non cost effective by the programme and removed from the build
- D-Pole awaiting renewal
- Civils awaiting completion
- Traffic Management delays, awaiting road or lane closures etc
- High-Cost outlier properties

### **Partial Commissioning of a CBT is non-compliant**

## **Partial Commissioning Process**

When there is a requirement to partially commission a build.

The commissioning team should be contacted by the FTTP build lead via the BAU process confirming:

- The LLUMS PON project.
- THP Completed.
- THP Deferred.
- Valid reason for partial completion.
- Tasks awaiting completion and the ECD.
- Date of partial commissioning.

## **Further Guidance**

The policies in this document will be added to:

[NWK/LNK/C541 - FTTP - Brownfield - Scale Architecture - Policy](#)

For advice and support please contact:

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