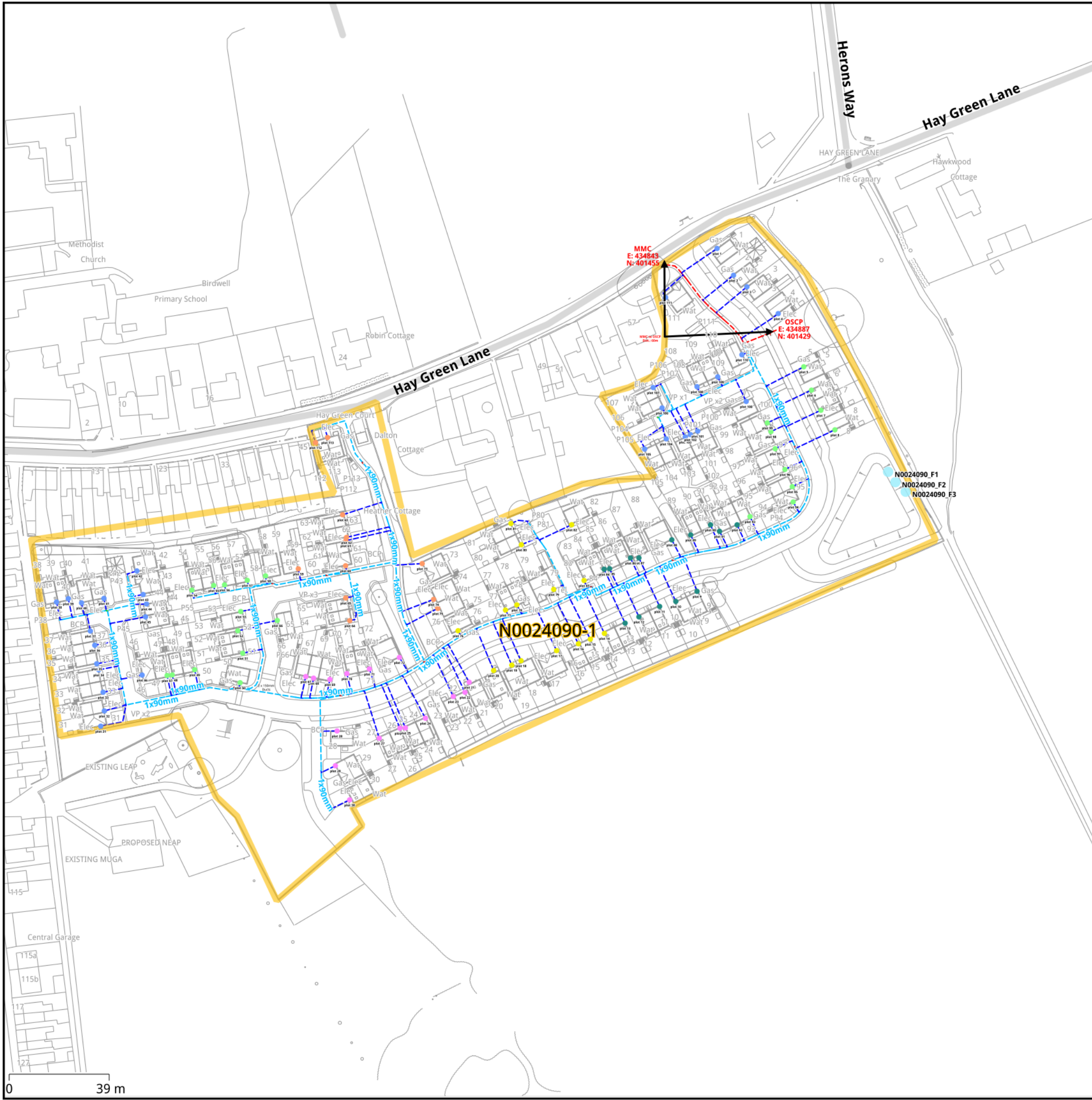




N0024090 E1 S70 5XD

NON FIRS SITES

N0024090 E2 S70 5XD

**FULLY DUCTED
DIRECT LAY METHOD**

N0024090_E3 S70 5XD

3 PON NETWORK

MICHAEL ATENYAN 24-08-2023

This design is across multiple drawings for details please refer to all drawings.

Excavation Carried Out by BUUK

The trenches highlighted in blue will be excavated and reinstated by BUUK contractors, the excavation and reinstatement of the other trenches will be the responsibility of the customer.

Fibre Ducts (Inside Diameter)

4x 90mm

3x 90mm

2x 90mm

1x 90mm

3x 55mm

2x 55mm

1x 55mm

Cable tray

50mm Lead in duct

Swept T

Proposed

Laid

Directly Buried Fibre Cables

24 Cable

12 Cable

Fibre Method

Traditional

Fully Ducted Direct Lay Method

Direct Lay Method

Lead in Duct

Standard Depth

350mm

600mm

600mm

min. 350mm

General

Backhaul Ducting

Excavated by BUUK

Asset Boundary

Chambers (Internal Dimensions)

FW-2 Chamber - 725mm x 225mm

FW-4 Chamber - 915mm x 445mm

FW-6 Chamber - 1310mm x 610mm

FW-10 Chamber - 2320mm x 740mm

CW12 Reinforced Chamber 1220mm x 675mm

Backhaul FW-4 Chamber - 915mm x 445mm

Backhaul FW-6 Chamber - 1310mm x 610mm

OSCP Types (Not to Scale)

Brick Built

Brick Built Combined

Onsite 224 Cabinet with FIRS

Onsite 224 Cabinet

Link Cabinet

FIRS Mast On Structure

OSCP Awaiting Position

Awaiting Position

FIRS Mast Standalone

Fibres

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

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 information shown on this plan is given without warranty, the accuracy cannot be guaranteed. No liability of any kind whatsoever is accepted by the company. Safe digging practices, in accordance with HSG47, must be used to verify and establish the actual position 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 0100021063.

Developers Responsibility

When apparatus have been laid it becomes the responsibility of the developer to ensure it is suitably protected, therefore backfilling should be carried out as soon as possible. Replacement and repair of damaged apparatus, including administrative costs will be fully recharged to the developer. It will be the developers responsibility to recover the costs from the third parties.

Revision Notes

For a revision history of this network design please see separate revision history document.

gtec

fnl

Open Fibre Networks

Last Edit By:

Last Approved By:

CraigClaydon 23082023

Custom Print

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Developer/Client:

Avant Homes

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