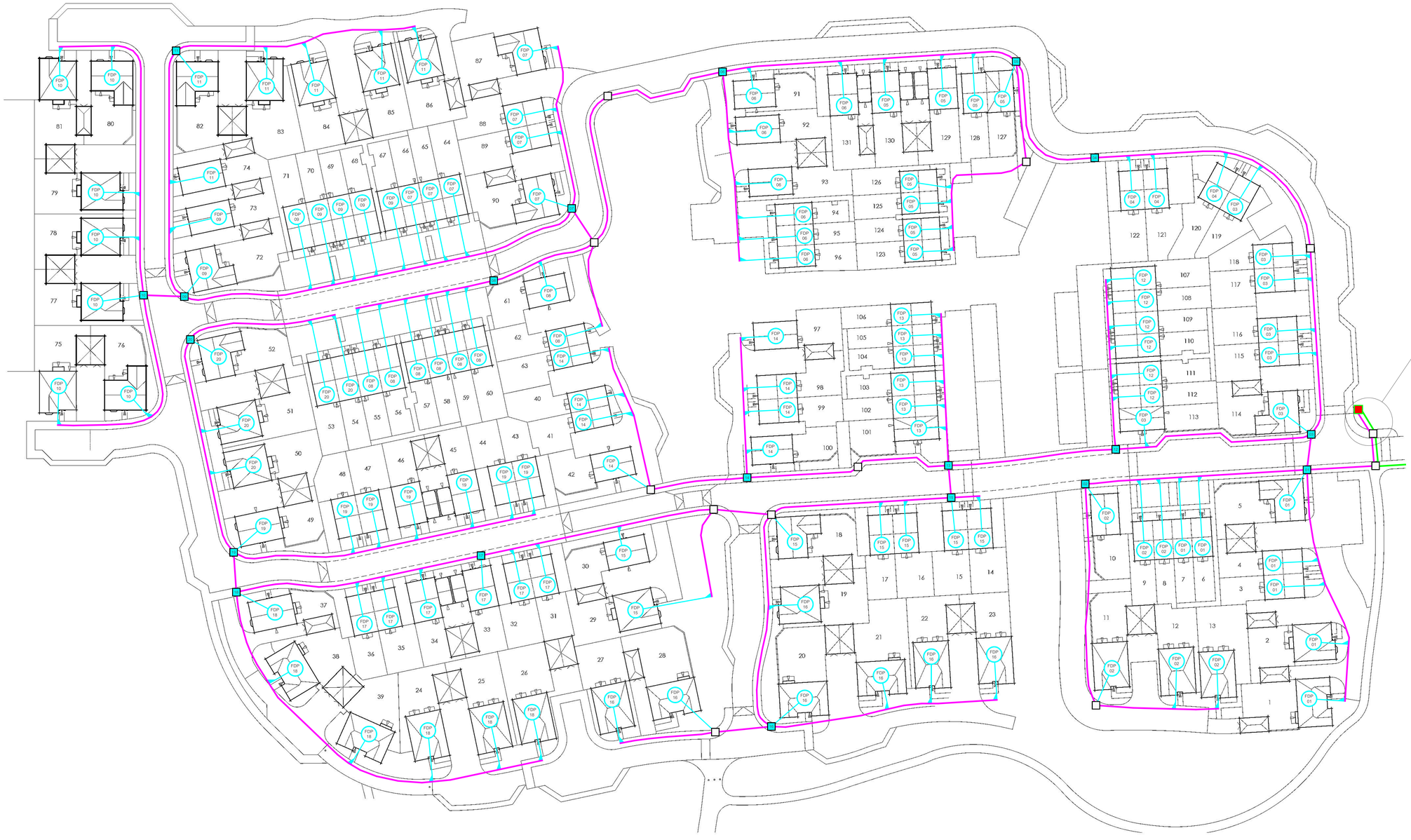
Developers' Primary Tasks:

1. Developers' groundworker to build a 900mm x 800mm concrete plinth (see Hyperoptic Generic Specification drawing) for DP-1a onsite cabinet installation.
2. Developers' electrical utility contractor to provide a single phase electrical connection (3.68kVA) terminated within the Hyperoptic onsite cabinet.
3. Developers' groundworker to install ducts & chambers as required to connect Hyperoptic onsite cabinet into Openreach network.
4. Developers' electrical contractor to install the internal Hyperoptic fibre network within each plot.
5. The final cabinet location will be agreed onsite. The location shown below is indicative and can be moved within a 5m radius without the need for an amendment.



Do NOT scale from this drawing

Site Plan:

Legend:

- DP-1a - Parent cabinet
- Openreach pull through chamber
- Openreach connection chamber with Hyperoptic Fibre Demarcation Point (FDP) within
- Residental Block with Hyperoptic Fibre Demarcation Point (FDP) within
- Openreach connection chamber with Hyperoptic Consolidation Point (CP) within
- Residental Block with Hyperoptic Building Flexibility Point (BFP) within
- Incoming backhaul fibre from the external network to DP-1a via site lead in communications duct
- Openreach 96mm PVC main duct
- Openreach 54mm PVC main duct
- Openreach 54mm PVC tee (direction)
- Plot to FDP indicator
- Internal fibre spine routing
- Fibre drop cable to service point
- External fibre spine
- Fibre patch cable

Notes:

1. Hyperoptic free issue duct and chamber to be connected to the Openreach infrastructure.

Rev.	Description.	Date.
2	Site Layout updated	20/07/23
1	DP-1a relocated & duct routes changed	20/12/22
-	Initial Issue	01/12/22

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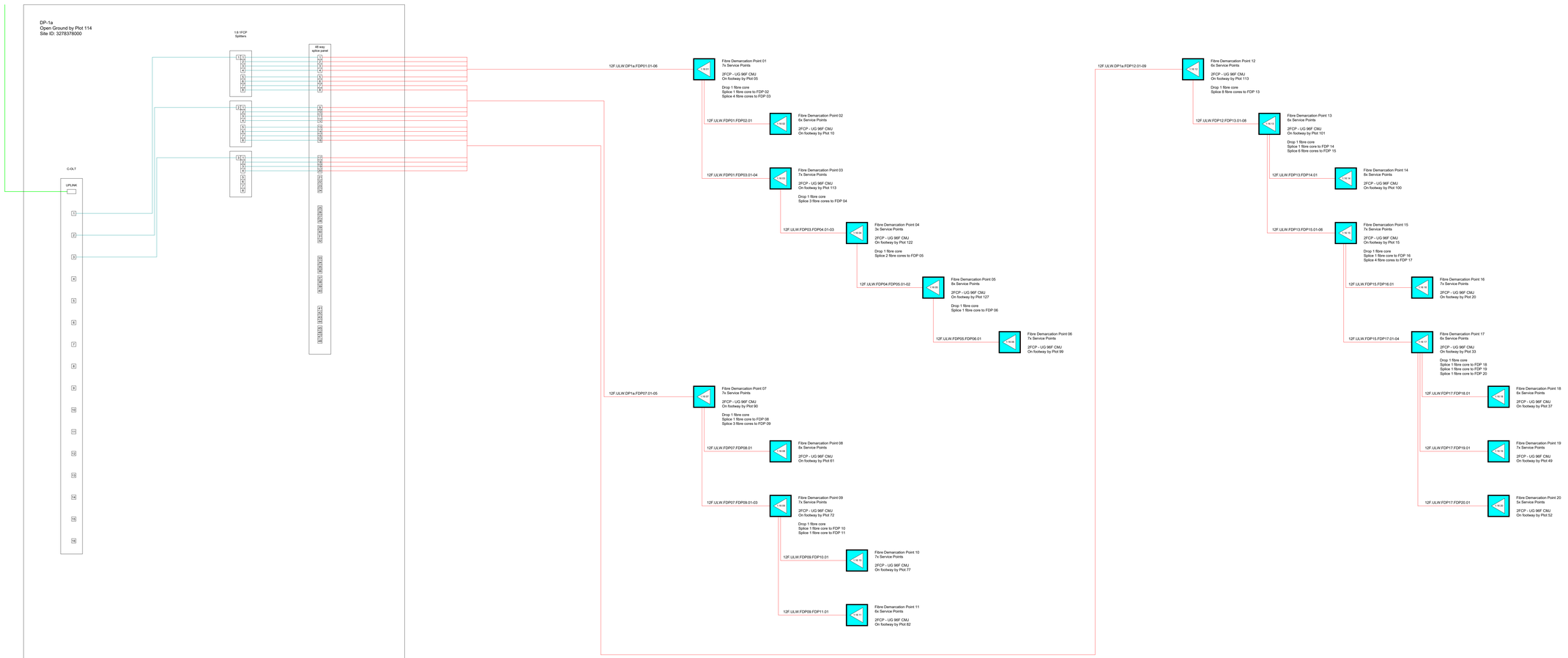
BN18 0QE

Status	For Approval
Project Number	3278378000

Drawing Title
Site Wide
Ducts & Chamber Overview

Drawn By	Checked By	Scale
GV	MK	NTS @ A0
Drawing Number		Revision
3278378000-010-001		2

ARUN DISTRICT COUNCIL WA/127/23/OOC



Do NOT scale from this drawing

Site Plan:

Legend:

- DP-1a - Parent cabinet
- Openreach pull through chamber
- Openreach connection chamber with Hyperoptic Fibre Demarcation Point (FDP) within
- Residential Block with Hyperoptic Fibre Demarcation Point (FDP) within
- Openreach connection chamber with Hyperoptic Consolidation Point (CP) within
- Residential Block with Hyperoptic Building Flexibility Point (BFP) within
- Incoming backhaul fibre from the external network to DP-1a via site lead in communications duct
- Openreach 96mm PVC main duct
- Openreach 54mm PVC main duct
- Openreach 54mm PVC tee (direction)
- Plot to FDP indicator
- Internal fibre spine routing
- Fibre drop cable to service point
- External fibre spine
- Fibre patch cable

Notes:

Rev.	Description.	Date.
2	FDP's & Plots to Nodes updated	20/07/23
1	DP-1a relocated	20/12/22
-	Initial Issue	01/12/22

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Status	For Information
Project Number	3278378000
Drawing Title	Site Network Architecture

Drawn By	Checked By	Scale
GV	MK	NTS @ A0
Drawing Number		Revision
3278378000-050-001		2

ARUN DISTRICT COUNCIL WA/127/23/OOC

Open Ground by Plot 114

Floor Level	No. of Units	C-OLT	Cabinet	No. of Primary Splitters
Ground		Site Wide Fibre Distribution	DP-1a	3
Total				

On Footway by Plot 05

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 1 - 7	FDP-01	1	1	1
Total	7					

On Footway by Plot 10

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	6	Plot 8 - 13	FDP-02	2	1	1
Total	6					

On Footway by Plot 113

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 113 - 119	FDP-03	3	1	1
Total	7					

On Footway by Plot 122

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	3	Plot 120 - 122	FDP-04	4	1	1
Total	3					

On Footway by Plot 127

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	8	Plot 123-130	FDP-05	5	1	1
Total	8					

On Footway by Plot 99

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 91-96; 131	FDP-06	6	1	1
Total	7					

On Footway by Plot 90

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 87-90; 64-66	FDP-07	7	1	1
Total	7					

On Footway by Plot 61

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	8	Plot 55-62	FDP-08	8	1	1
Total	8					

On Footway by Plot 72

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 67-73	FDP-09	9	2	2
Total	7					

On Footway by Plot 77

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 75-81	FDP-10	10	2	2
Total	7					

On Footway by Plot 82

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	6	Plot 74; 82-86	FDP-11	11	2	2
Total	6					

On Footway by Plot 113

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	6	Plot 107-112	FDP-12	12	2	2
Total	6					

On Footway by Plot 101

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	6	Plot 101-106	FDP-13	13	2	2
Total	6					

On Footway by Plot 100

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	8	Plot 40-42; 63; 97-100	FDP-14	14	2	2
Total	8					

On Footway by Plot 15

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 14-18; 29-30	FDP-15	15	2	2
Total	7					

On Footway by Plot 20

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 19-23; 27-28	FDP-16	16	2	2
Total	7					

On Footway by Plot 33

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	6	Plot 31-36	FDP-17	17	3	3
Total	6					

On Footway by Plot 37

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	6	Plot 24-26; 37-39	FDP-18	18	3	3
Total	6					

On Footway by Plot 49

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	7	Plot 43-49	FDP-19	19	3	3
Total	7					

On Footway by Plot 52

Floor Level	No. of Units	Plot Nos.	FDP No.	Secondary Splitter ID	Primary Splitter ID	PON Port
Ground	5	Plot 50-54	FDP-20	20	3	3
Total	5					

Do NOT scale from this drawing

Site Plan:

Legend:

Notes:

Rev.	Description.	Date.
2	Units allocation to FDP's updated	20/07/23
1	DP-1a relocated	20/12/22
-	Initial Issue	01/12/22

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Project
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Status	For Approval
Project Number	3278378000

Drawing Title
Accommodation Schedule

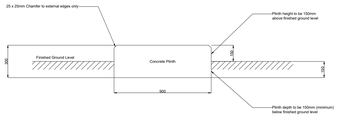
Drawn By	Checked By	Scale
GV	MK	NTS @ A0
Drawing Number		Revision
3278378000-060-001		2

ARUN DISTRICT COUNCIL WA/127/23/OUT

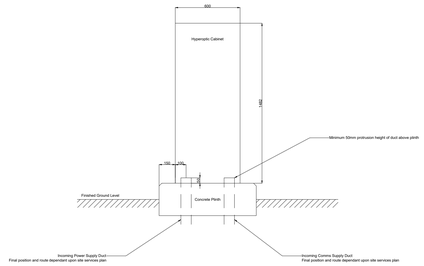
Hyperoptic External Cabinet & Concrete Plinth Details

Incoming Communications Duct
1. 96mm Rigiduct with easy bends to pass through plinth for Hyperoptic cabling requirements
2. Duct to rise up from below bottom edge of plinth via a 90 degree bend into cabinet
3. Hyperoptic to supply 96mm Rigiduct for connection to nearest Openreach chamber

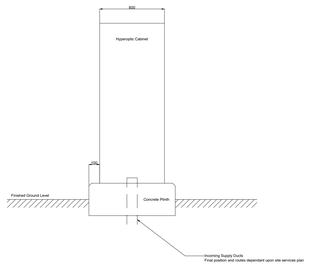
Plinth Front Elevation



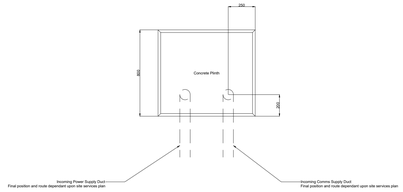
Cabinet Front Elevation



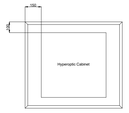
Cabinet Side Elevation



Plinth Plan View

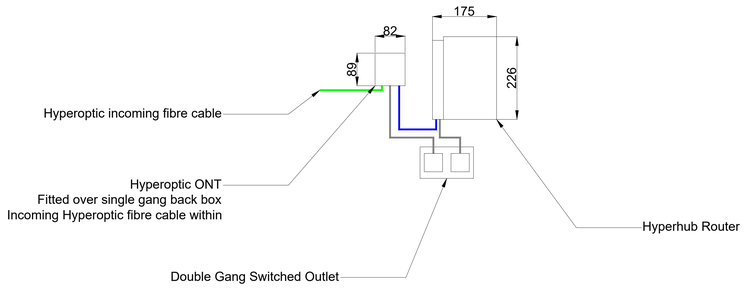


Cabinet Plan View

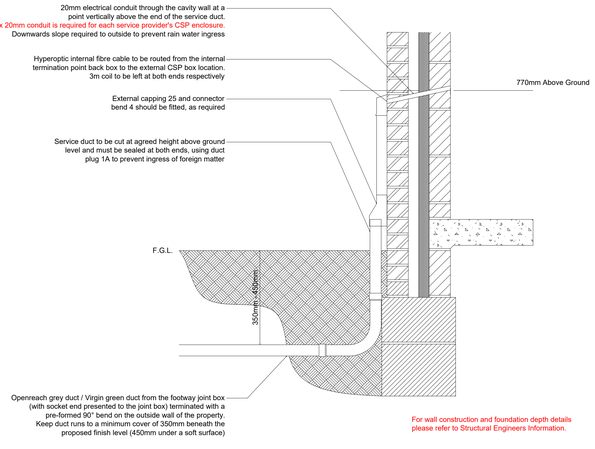


Hyperoptic SDU Internal Service Point Layout

GPON Typical House Layout



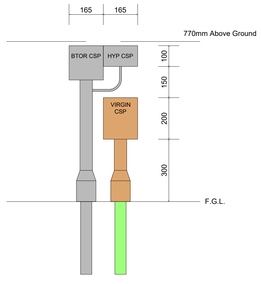
Hyperoptic Fibre Entry Point Details



For wall construction and foundation depth details please refer to Structural Engineers Information.

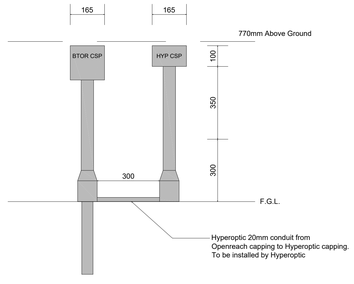
Tri-Party Installation

Tri-Party wall penetrations for conduits to be located behind individual CSP enclosures



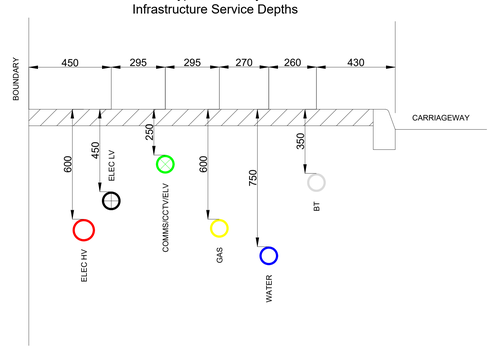
Standard PIA Installation

BTOR / Hyperoptic wall penetrations for conduits to be located behind individual CSP enclosures

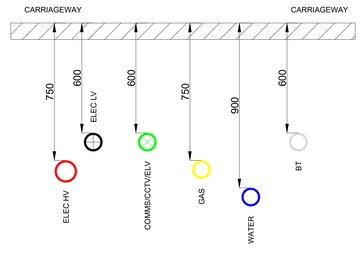


Typical Infrastructure Service Depths

Typical Footway
Infrastructure Service Depths



Typical Carriageway
Infrastructure Service Depths



Do NOT scale from this drawing

Site Plan:

Legend:

Notes:

Rev.	Description.	Date.
4	Typical infrastruture service depths added	28/06/23
3	Cabinet & plinth details amended to show use of single span cabinet	28/09/22
2	MDU details removed from SDU generic specification	20/09/22
1	Tri-Party installation details changed	08/08/22
-	Initial Issue	06/06/22

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Project
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Status	For Information
Project Number	3278378000
Drawing Title	Generic Specification

Drawn By	Checked By	Scale
DM	DM	NTS @ A0
Drawing Number		Revision
3278378000-000-001		4

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