Project Title:	Alexandra Ainsworth Estate - ID1717

Type of Work:	SDU/MDU/Estate	**Status:**	In Planning
Borough:	Camden	**Route ID ref:**	1717
Site:	Ainworth Estate	**Postcode:**	NW8 0SH
Address:	Apt.5-104 Roley way (rear Langtry Walk)		
Landlord:	THE MAYOR AND BURGESSES OF THE LONDON BOROUGH OF CAMDEN	**Premises:**	132

Short Description of Works

This is a proposed fibre design to connect Langtry Walk to the CFL existing Fibre network, utilising the Open-reach duct network that has been installed around the Borough.

This MDU Design pack is a proposal based on survey work carried within the Camden borough. It is from this information gather that our design team came up with the proposed solution on how best to feed fibre to this MDU in a most cost effective way.

Ver. N.	Author	Details	Date	Verify By	Date
1	PN	First Issue	06/05/2020		

Performed by Contact Info	
Name:	Paul Neylon
Position/Role:	Fibre Planner
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Verify by Contact Info	
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Email:	beaney.townsend@communityfibre.co.uk

Planning Department Contact Info	
Name:	Community Fibre
Address:	2 Eastbourne Terrace, London
Contact No:	0800 082 0770
Email:	planning@communityfibre.co.uk

OLT Ref.:	Rouel OLT

Dependency:	In Conjunction with:
Thorburn Square - 622	

Project:	**ID 611**

Project ID - Name

2 Eastbourne Terrace
London
W2 6LG
Registration No: 7413288

No Asbestos Present in Ainsworth Estate

Asbestos Documentation			
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British Standard; BS7671. Wiring Regulations 18th Edition. Particular attention is to be made to:
- Chapter 52: Clause 521.10.202; requires cables to be adequately supported against their premature collapse in the event of a fire. This applies throughout the installation and not just in escape routes.
- Chapter 42: Clause 422.2.1; has been redrafted. Reference to conditions BD2, BD3 and BD4 has been deleted. A note has been added stating that cables need to satisfy the requirements of the CPR in respect of their reaction to fire.

British Standard; BS6701:2016+A1:2017. Telecommunications equipment and telecommunications cabling. Particular attention is to be made to:
- Chapter 5 Clause 5.4.3: Separation of telecommunications and electricity supply cabling' shall be practiced.

British Standard; BS9999-2017. Code of practice for fire safety in the design, management and use of buildings. Particular attention is to be made to:
- 32.5: Construction of compartment walls and compartment floors.
- 33.4: Service ducts, pipes and shafts.
- 33.5: Fire-stopping.

British Standard; BS50174. Information Technology - Cabling Installation. Particular attention is to be made to:
- Part 1 - 2018: Installation specification and quality assurance.
- Part 2 - 2018: Installation planning and practices inside buildings.
- Part 3 - 2013+A1-2017: Installation planning and practices outside buildings.

Building Regulations. Part P; Electrical Safety-Dwellings. Particular attention is to be made to:
- Section 2: Application of part P.
- Section 3: Certification, Inspection and Test.

Building Regulations. Part B; Fire Safety: B3 "Internal fire spread" (structure). Particular attention is to be made to:
- B3 Section 10: Protection of openings and fire-stopping.

The Work at Height Regulation. To work at height means; work in any place where, if precautions were not taken, a person could fall a distance liable to cause personal injury. You are working at height if you: 1)Work above ground/floor level. 2) Could fall from an edge, through an opening or fragile surface. 3)Could fall from ground level into an opening in a floor or a hole in the ground.

The Control of Asbestos Regulations 2012. A specific duty on employers to manage the risks from asbestos in buildings is contained in the Control of Asbestos Regulations 2012.

New Roads and Street Works Act. Supported by relevant Regulations and Codes of Practice, provides a legislative framework for street works by undertakers (including utility companies).

Regulations

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CommunityFibre

Hazard Identification
By Planner During Site Survey and Minimum Requirements

Project Title:	Alexander Ainsworth Estate	Site:	Alexander Ainsworth Estate
Performed by:	Andrew Iwediuno	Date:	14/04/2020

ID	Hazard	Possible Locations/People affected	Yes/No	Minimum Requirements
1	Impact on access for emergency services	Hospital Entrance, Ambulance Station, Fire Station, Police Station	Yes	Provide NRSWA, Chapter 8 signing and guarding. Adequate barriers and equipment on site. Liaise with local residents/emergency services. Clean High Vis PPE worn at all times on site. Further risk assessment may be required taking into consideration access for emergency vehicles at all times.
2	Children from Schools, Colleagues, University etc, getting access to the site (falling into trenches, interfering with equipment, guarding)	Schools, Colleagues, University, Nurseries, Playground etc.,	Yes	Permission to be granted by school headmaster before works commence. Provide NRSWA, Chapter 8 signing and guarding. Ensure equipment/vehicles are made safe before leaving unattended. Good Housekeeping on site. Undertake works during holidays / weekends.
3	Pedestrians visiting Doctors Surgery, Health Centre, getting access to the site (falling into trenches, interfering with equipment, guarding)	Doctors Surgery, Health Centre	Yes	Provide NRSWA, Chapter 8 signing and guarding. Ensure equipment/vehicles are made safe before leaving unattended. Good Housekeeping on site.Further risk assessment may be required taking into consideration necessary temporary structures if our works will disrupt / temporally put out of service specific requirements i.e. ramps.
4	People falling into excavations. People falling over Barriers	All sites; Pedestrians including blind / partially Sited Persons, physically Disabled Persons, old persons.	No	Provide NRSWA, Chapter 8 signing and guarding. Adequate barriers and equipment on site. Liaise with local residents. Good Housekeeping on site. Clean High Vis PPE worn at all times on site.
5	Dust, Animal Droppings, Grease, Food waste etc	Buildings.	Yes	On discovery of excessive dust, animal droppings, grease, food waste etc, works must stop and management / supervisor to make a decision as to whether they would be able to safety clean and dispose of it. If not, then it must be reported to Community Fibre management team who will arrange for the area to be cleaned.
6	Confined Space Environment	All sites	No	Ensure that supervisors / managers have sufficient experience and have been trained to be able to recognise a confined space, - including when a non-confined space would change to a confined space due to their / others activities.All confined space work to be undertaken must follow the HSE guidance L101 (Safe Work in Confined Spaces).
7	People falling into open manholes.	All sites	No	Follow the guidance as prescribed by NRSWA paying particular attention that all open manhole must have sufficient protection around them at all times and that gases test testing is to be undertaken.
8	Disturbance caused - noise, lighting	All sites	No	Ensure that adhere to the time restriction given for noise / lighting. The Local Authority's environmental Health Officer will be kept informed of all upcoming activities that may impact local residents. All plant and machinery will be switched off when not in use. All plant and machinery will be maintained and serviced to minimise noise. Dust reduction measures to be employed if necessary.
9	Explosion, Electrocution and/or Burns	Plant or Works close to Overhead Lines, Exposed Electric Cables, Underground Electrical services. Private land where utility information is unregulated.	Yes	Refer to PU Prints, Contact Utility if request on plans prior to works commencing. Mark up Services, Detection Equipment used on site (Cat & Genny). Stop work and inform relevant utility immediately if damage occurs. Highly visible barriers should be erected at least 6 m away from overhead lines to prevent inadvertent approach to them. Crossing points beneath the overhead lines need to be clearly defined by means of red and white goalpost and signs. On private land, utility information is often out of date or unrecorded / not regulated. Use safe digging and construction methods on private land.
10	Danger of Explosion and/ or escape of noxious gases- Risk of damage caused to underground services	Exposed Gas duct, Underground Gas services Private land where utility information is unregulated.	Yes	Refer to PU Prints. Contact Utility if request on plans prior to works commencing and Mark up services prior to work commencing. Stop work and inform relevant utility immediately if damage occurs. On private land, utility information is often out of date or unrecorded / not regulated. Use safe digging and construction methods on private land.
11	Danger of being struck by Train	Works near railways. Level Crossings	Yes	Method statement required. Liaise with the railway operators.
12	Ignition of Hazardous Fumes	Works near Petrol Station, Landfill sites. Gas Leak	No	Liaise with local businesses e.g. Petrol Station. No smoking or use of mobile phones near to the site. Gas testing prior to start of works and constant monitoring of gas levels required.
13	Danger of Flooding and / or Drowning	Existing Water Main Works close to river, lakes, lochs, sea	No	Rescue crews and equipment available on site, to be operated by trained and competent personnel only.
14	Inhalation of toxic gas and oxygen deficiency Asphyxiation caused by contamination	Confined Spaces e.g. Tunnels, Manholes, Trenches/Excavations Contaminated Land, Landfill sites	Yes	Gas Monitoring equipment available on site. Follow a safe system of work. Rescue procedures should be instructed prior to work commencing. Rescue crews to be deployed as required. Only trained and competent personnel (Minimum requirement Confined Space Entry and emergency escape with 5 minute escape set) to be deployed. No Lone Working under any circumstances.
15	Drilling through existing utilities while Drilling through walls and slabs	Masonry Wall Concrete Wall	Yes	Liaise with Building Manager. Ensure that worker is familiar with utilities plans and have undertaken further checks to be satisfied that there are no services prior to drilling. Mark up Services/Cables prior to work commencing.
16	Slips, trips and falls	Poor re-instatement, Damage to permanent surface, stored materials, trailing hoses or cables, Trailing pipe work	No	Remove waste and rubbish as it arises. Good Housekeeping. Provide NRSWA, Chapter 8 signing and guarding. Adequate barriers and equipment on site. Liaise with local residents/emergency services.

17	People struck by vehicles entering or leaving the site		Yes	Use a Banksman. Clean High Vis PPE worn at all times on site. Provide NRSWA, Chapter 8 signing and guarding. Adequate barriers and equipment on site. Liaise with local residents/emergency services. All vehicles must be driven/operated/towed in an appropriate way with safe loading of the vehicle
18	Physically / Verbally Threatening Behaviour	Known trouble spots. Anywhere	No	Treat members of the public politely. All verbal or physical threatening behaviour from residents, members of the public or third parties must be report to the Community Fibre management team who will report it through the Community Fibre Accident / Incident reporting system.These must also be reported to their own contractor management.
19	Evidence of Discarded Medicines / Needles - infection caused by any of these.	These can be found anywhere. Often sited in around drains, back lanes, Red light districts	No	Contact Local Authority Environmental Health Department for their removal. Keep cuts & abrasions covered with an impervious dressing. Wear heavy duty impervious gloves. Good Hygiene practices
20	Hit by falling tools / equipment	Steep Inclines. Narrow working area	No	Good Housekeeping. Equipment / tools should not be stored near the trench or on working platform. Kick boards to be deployed on all working platforms.
21	Working at height	Work on ladders, work on the roofs, work on cherry pickers.	Yes	Ensure that all working at height activities meet the stipulations as set out in the appropriate HSE approved code of practices and guidances for working at height.They must ensure that an appropriate risk assessment has been undertaken for all working at height activities and that the controls highlighted have been put into place prior to the activities commencing. Any equipment to be used must be; Suitable for the task / environment, Be maintained / checked. Appropriate training given for those who are to use it.
22	Lone Working		No	Regular contact between the worker and their supervisor. Check must be made that the worker has returned to their base on completion of the task. Access to adequate First Aid Kit
23	Burning, Temporary Blindness from lasers	Working with live fibres	No	Good Housekeeping - removal of sharps . Eye Wash available. Power down all lasers prior to work on working fibres. Deploy Laser Protection Glasses/Goggles where not possible to confirm powering down of equipment. Check for laser deployment using with Live Fibre Identifier but bear in mind that this is not a conclusive test.
24	Woodland Fire		No	Leave site immediately. Contact Emergency Services as soon as possible
25	Interference with fire escape routes from surrounding buildings	All sites	No	Ensure that the escape routes are not blocked by works or equipment. Where this is not possible the building manager will need to be informed in sufficient time to make alternative arrangements and brief all on site.Provide NRSWA, Chapter 8 signing and guarding. Adequate barriers and equipment on site. Liaise with local residents/emergency services. Clean High Vis PPE worn at all times on site.
26	Danger from Weils Disease (leptospirosis)	Works near lakes, rivers, sewers and other standing water	No	Contractor need to ensure that they have briefed all they relevant staff on the necessary precautions to prevent the contraction of Weils disease which should include as a minimum: Keep cuts & abrasions covered with an impervious dressing. Wear heavy duty impervious gloves. Good Hygiene practices. Carry Leptospirosis warning card if working in areas of likely rodent infestation. Notify doctor of possible contact with rodent habitat if reporting with flu like symptoms.
27	Danger from Legionella / Pontiac Fever	Cooling towers, air conditioning systems	No	Any illness should be reported immediately. Mask should be work during works.
28	HGV vehicles impact with trench/ personnel	Steep inclines Road Bends	No	Provide NRSWA, Chapter 8 signing and guarding. Adequate barriers and equipment on site. Liaise with local residents. Clean High Vis PPE worn at all times on site.
29	Heavy plant toppling into an excavation.	Steep inclines, narrow road/lane	Yes	Stop blocks provided. Never tip over an edge without approved stop blocks. Plant should be located away from trench edges.
30	Risk of trench collapse from surcharging	Buildings, banking or other structures increase additional loading to the ground	No	Batten back trench sides. Trench Sheeting in Strips Plant, equipment and tools should be located away from the trench edges.
31	Interference with structural integrity of building		No	Liaise with Building Manager prior to work commencing.
32	Traffic Accidents	Areas of congestion. Local Accident Black spots	No	Provide NRSWA, Chapter 8 signing and guarding. Adequate barriers and equipment on site. Clean High Vis PPE worn at all times on site.
33	Asbestos (ACM – Asbestos Containing Material)	Buildings constructed or refurbished between 1950 and 1996. Insulating coating on steelwork Lagging on pipes boilers Some decorative plaster Old Firestopping materials Corrugated roofing materials	Yes	In order to avoid asbestos, information must be obtained on the location and condition of asbestos prior to work commencing from the building manager (Asbestos Register) Liaise with the Building Manager during works. Third party contractors to ensure that they have familiarised themselves with the sites asbestos survey in relation to the areas that they will be working. No works to take place if asbestos is present in the areas to be worked in or if there is a risk that asbestos in other areas could be disturbed by the work activities or through the access to the working area. Third party contractors who are working within buildings for Community Fibre and who are at risk of coming into contact with asbestos materials must have received appropriate training for the identification of asbestos materials.If asbestos / suspected asbestos is discovered then works must stop immediately and be reported to Community Fibre as soon as possible The Community Fibre management team will require specific information and may request help from the Community Fibre Health and Safety Team.Found asbestos / suspected asbestos must also be reported to your own company management team
34	Listed Building	All site	No	Listed Building consent will need to be obtained via the Landlord prior to any work commencing. No deviation to route once agreed should be made without further consents
35	Other			

Community Fibre planner completed the above hazard identification sheet in relation to the planned works and surrounding area, based upon the findings during site survey and any guidance from third parties. Further risk assessment may be required.

Tube Distribution Closure (CL01)

Dimension (LxDxH): 405x155x125 mm

Tube Distribution Closure (TDC)

Dimension (LxDxH): 316x70x220 mm

Underground Joint (AUX Joint)

Dimension (LxDxH): 312x222x561 mm

Optical Line Terminal (OLT) Cabinet

Dimension (LxDxH): 850x450x1350 mm

Large Splitter Box

Dimensions (LxDxH): 376x182x500 mm

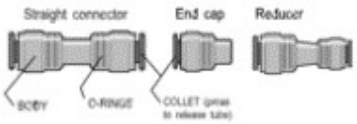
Medium Splitter Box

Dimensions (LxDxH): 114x368x275 mm

Distribution Joint (PBO)

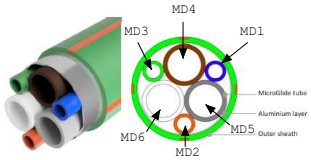
Dimensions (LxDxH): 240x73x213 mm

Push Fit Connector Range



Combo Sub Duct

Combo (3x10/8mm+5/3.5mm)



Micro Duct

MD (12/8mm+5/3.5mm)

Gel Wrap closures

Open

Closed

Drop Cable

Fibre Type: SM G.657

Temperature range: -20 to +60°C

Outer diameter (mm)	1-6F	3,0 ± 0,3
	8-12F	3,4 ± 0,5
	16F	3,7 ± 0,5
	24F	4,0 ± 0,5
Cable weight (kg/km)	2-6F	10
	8-12F	12
	16F	13,5
	24F	15,5

Distribution Fibre

Outer Jacket material: FR-LSZH

Cable weight: 54 kg/km

Specification			
Ver N.	**Author**	**Details**	**Date**
1	PN	First Issue	06/05/2020

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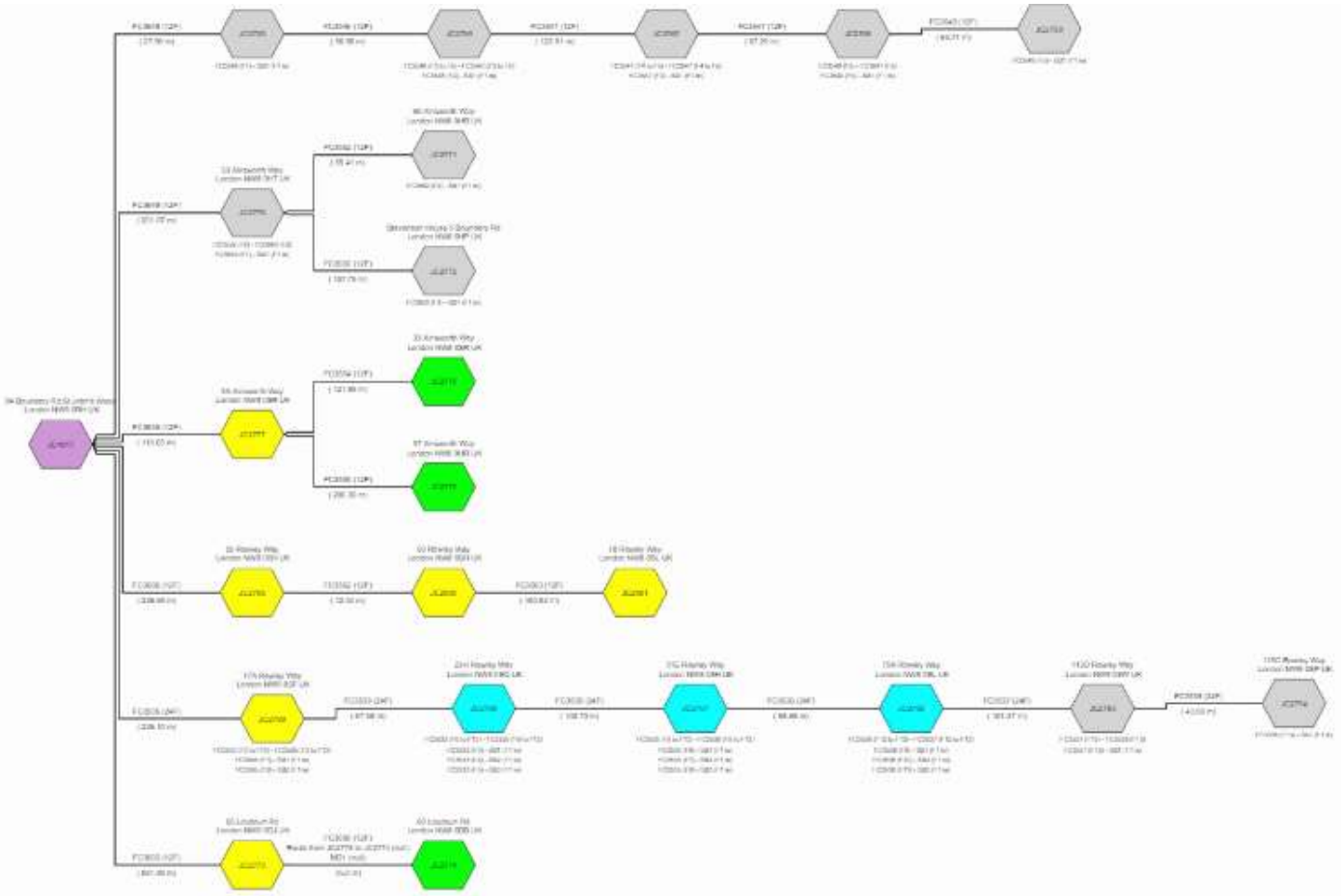
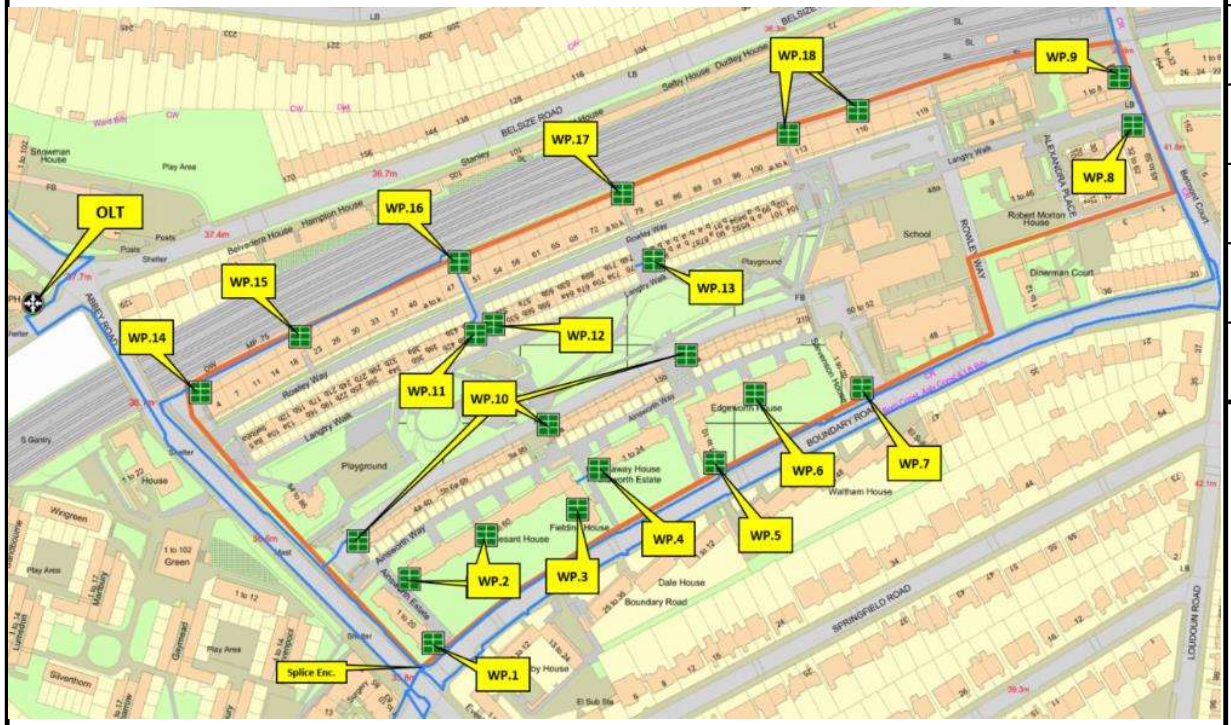


Schematic			
Ver N.	**Author**	**Details**	**Date**
1	PN	First Issue	06/05/2020

2 Eastbourne Terrace



Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work:

Contractor to rod & rope all ducts & check all existing chambersfor ownership, prior to undertaking any works.

Key	Planned	As built
OLT Cabinet		
Multi Duct		
Micro Duct		
CFL Trench/Duct		
CFL Chamber		
TDC/Gel Wrap Location		
Third Party Trench/Duct		
Third Party Chamber		

PIA Overview (map)

Ver N.	Author	Details	Date
1	PN	First Issue	06/05/2020

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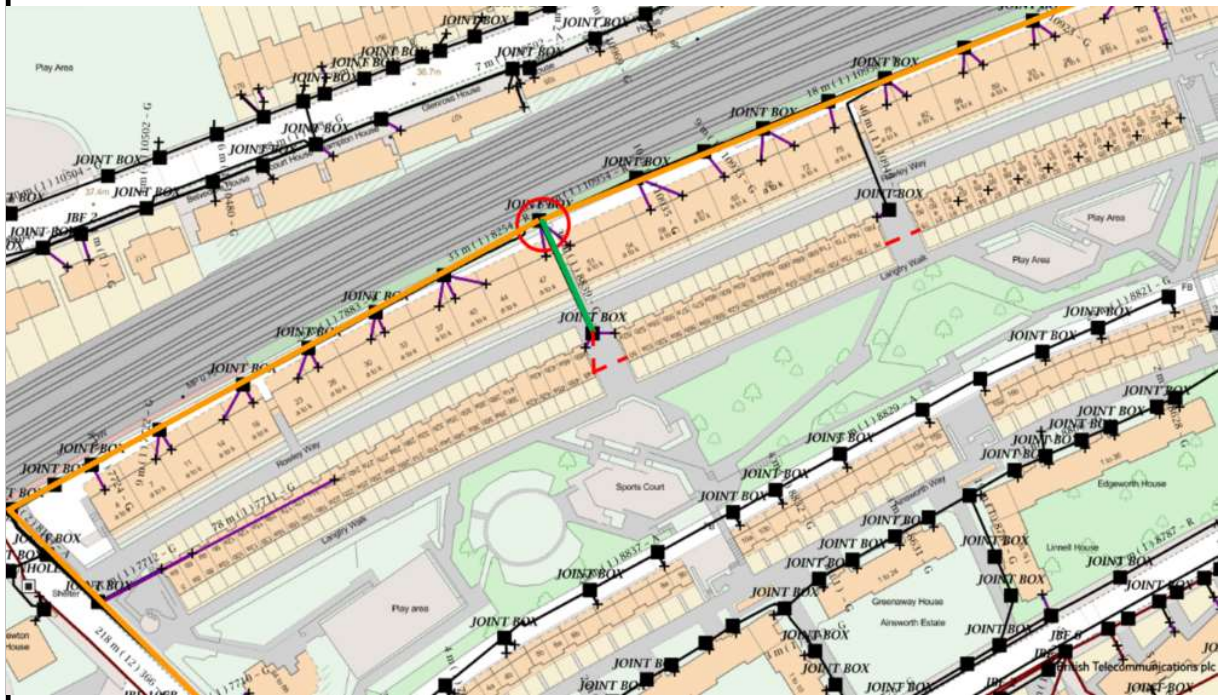

Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work:

External Solution

Some civils required.

Contractor to rod & rope all ducts & check all existing chambersfor ownership, prior to undertaking any works.

Key	Planned	As built
OLT Cabinet		
Multi Duct		
Micro Duct		
CFL Trench/Duct		
CFL Chamber		
TDC/Gel Wrap Location		
Third Party Trench/Duct		
Third Party Chamber		

PIA Detail-Work Points

Ver N.	Author	Details	Date
1	PN	First Issue	06/05/2020

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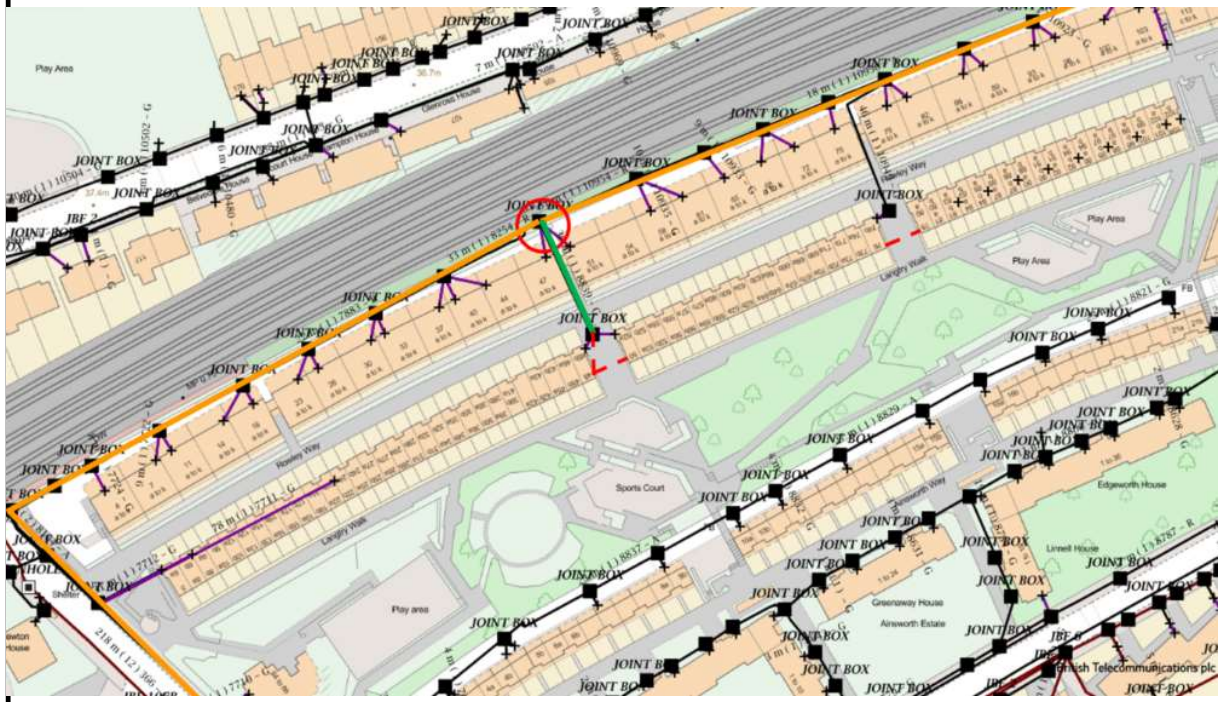

Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work:

Use existing BT PIA ducting & strutures to the existing BT chamber shown in the image. Breakout point for Langtry Walk.

Core drill from existing BT chamber & lay new 54mm 1 way ducting in footway

A new 90 degree upturn will be need to be installed at the base of each of the MDU's

Gel wrap proposed aswell to change over from Combi duct to 12/8mm single micro duct

Key	Planned	As built
OLT Cabinet		
Multi Duct		
Micro Duct		
CFL Trench/Duct		
CFL Chamber		
TDC/Gel Wrap Location		
Third Party Trench/Duct		
Third Party Chamber		

Civil Overview (map)

Ver N.	Author	Details	Date
1	PN	First Issue	06/05/2020

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Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

1	Use existing BT PIA ducting & strutures to the existing BT chamber shown in the image.
2	Core drill from existing BT chamber and lay a 54mm 1 way ducting to the proposed breakout points indicated by the green 90° upturn cylinder shown in the images provided. From the Upturn shown, new civils are required to lay a new 54mm one way duct to Apt.50
3	Approx. 3.5m of civils required. Galvanised conduit to be installed at the breakout point of the upturn duct.

Key	Planned	As built
OLT Cabinet		
Multi Duct		
Micro Duct		
CFL Trench/Duct		
CFL Chamber		
TDC/Gel Wrap Location		
Third Party Trench/Duct		
Third Party Chamber		

Civil Detail-Work Points (Pg1)

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Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

1	Catenary wire not a viable solution due to the tree canopy.
2	From the Upturn beside Apt.48 - New civils are required to lay a new one way 54mm duct with an upturn to be place beside Apt.50 as shown in the accompanying image.
3	Approx. 5m of civils required. Galvanised conduit to be installed at the breakout point of the upturn duct.

Key	Planned	As built
OLT Cabinet		
Multi Duct		
Micro Duct		
CFL Trench/Duct		
CFL Chamber		
TDC/Gel Wrap Location		
Third Party Trench/Duct		
Third Party Chamber		

Civil Detail-Work Points (Pg1)

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Registration No: 7413288

1

2

Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

1	5m of soft civils to forward feed 12f feed cable in a daisy chain design.
2	Lay a new 54mm 1 way ducting to the proposed breakout point indicated by the green 90° upturn cylinder shown in the images provided.
3	Galvanised conduit to be installed at the in-feed and breakout point indicated the upturn duct.

Key	Planned	As built
OLT Cabinet		
Multi Duct		
Micro Duct		
CFL Trench/Duct		
CFL Chamber		
TDC/Gel Wrap Location		
Third Party Trench/Duct		
Third Party Chamber		

Civil Detail-Work Points (Pg1)

Ver N.	Author	Details	Date
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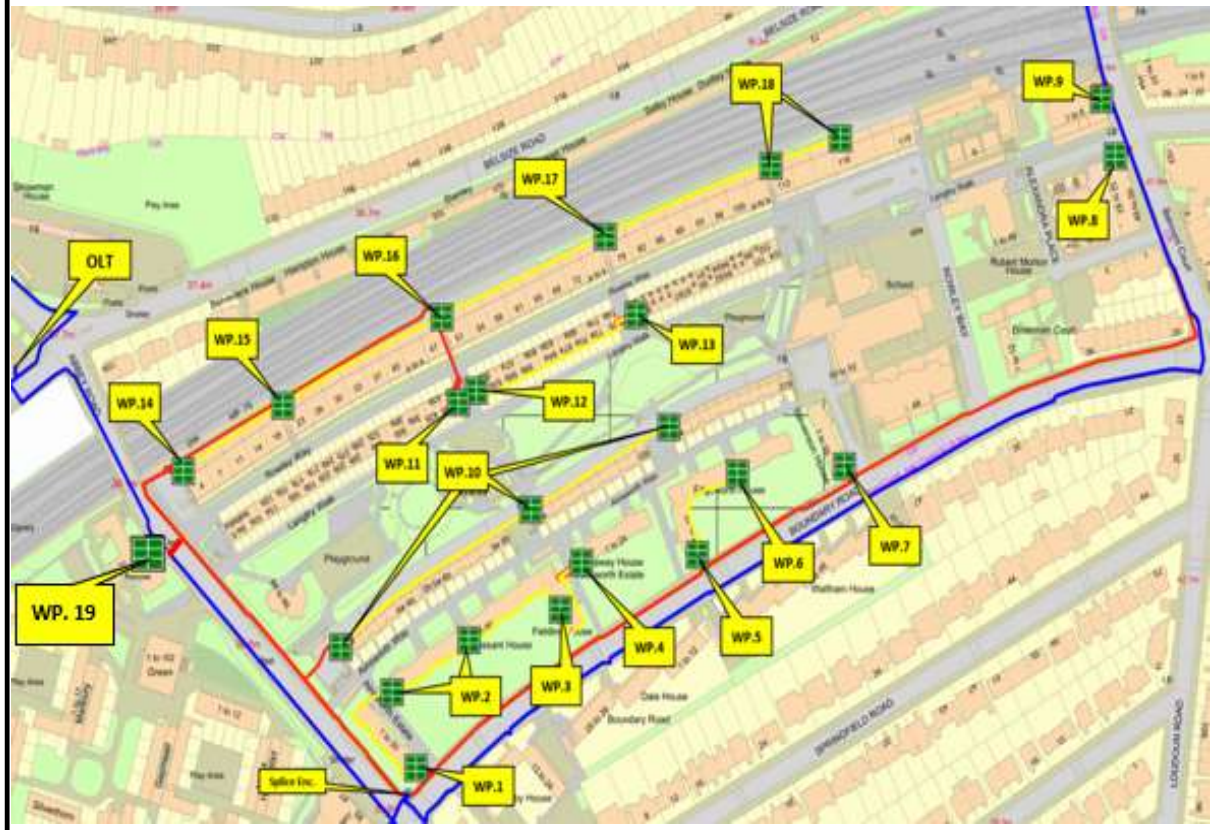

Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

Overview of cable distribution from the AUX to the the splitter box on the MDU

1x12F cable to feed all of Langtry Walk in a Daisy chain design. A total of 6 feed fibres are needed to feed 3 2x32 splitters

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Overview (map)

Ver N.	Author	Details	Date
1	PN	First Issue	06/05/2020

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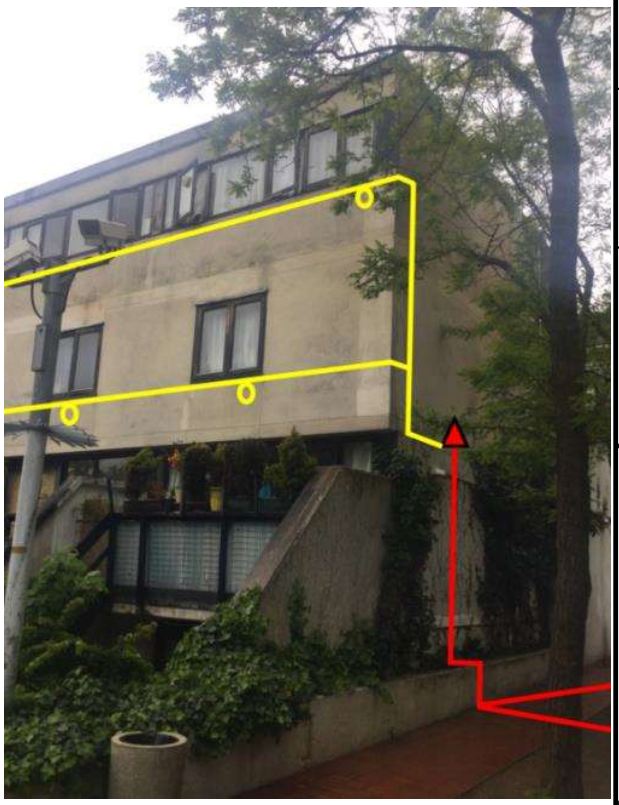
1

2



Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

	1x64 Splitter required to feed the 60 premise's within this MDU
	1x12F cable to feed all of Langtry Walk in a Daisy chain design. 2f to be spliced onto the splitter and forward feed the 12f feed cable onto the next splitter in the design chain.
	From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

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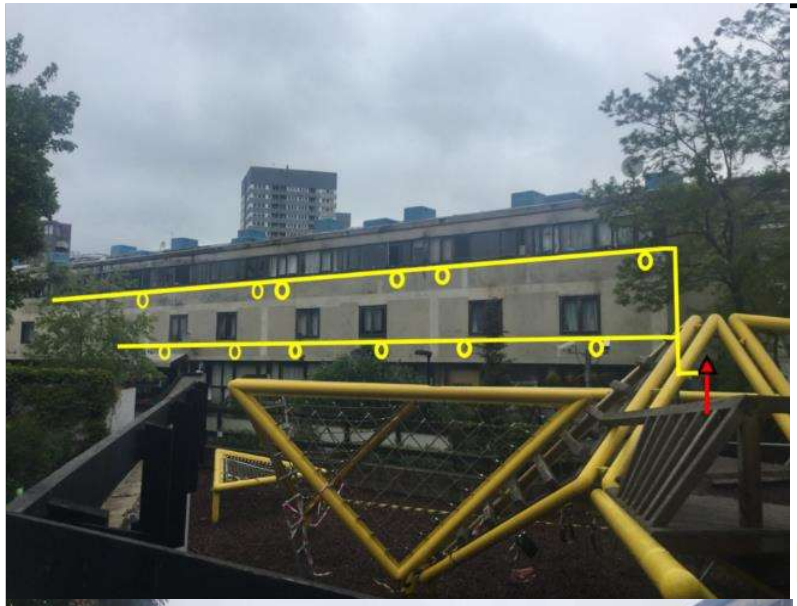
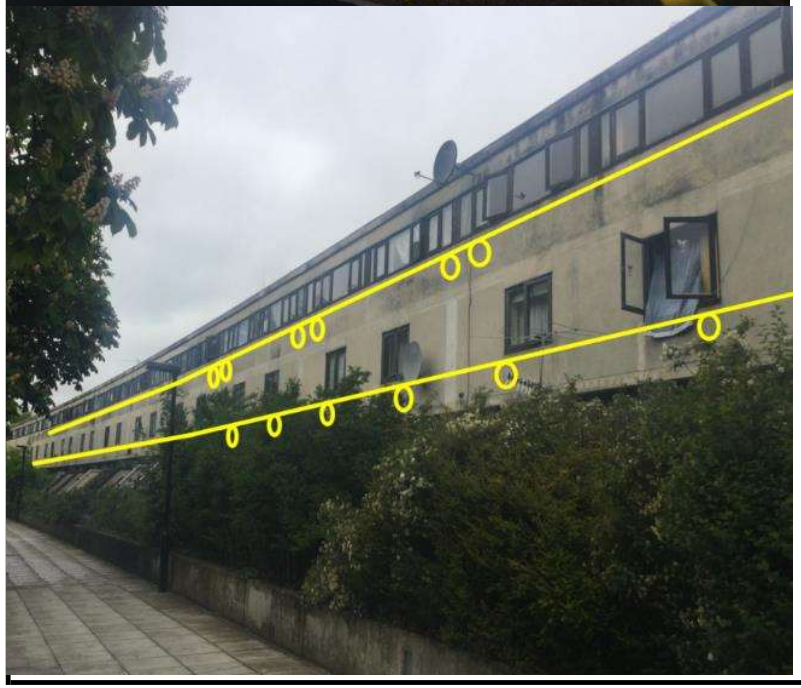


3



4

Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

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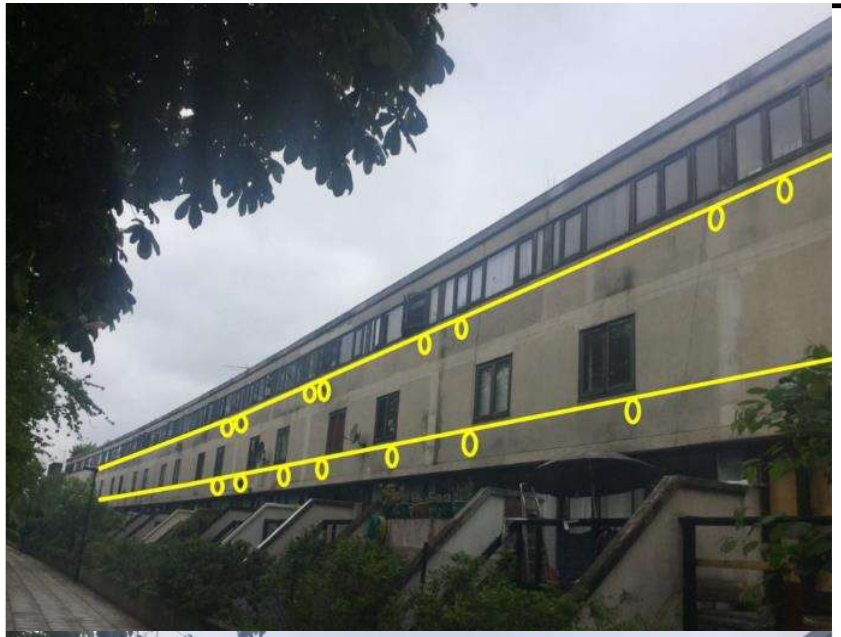
Registration No: 7413288



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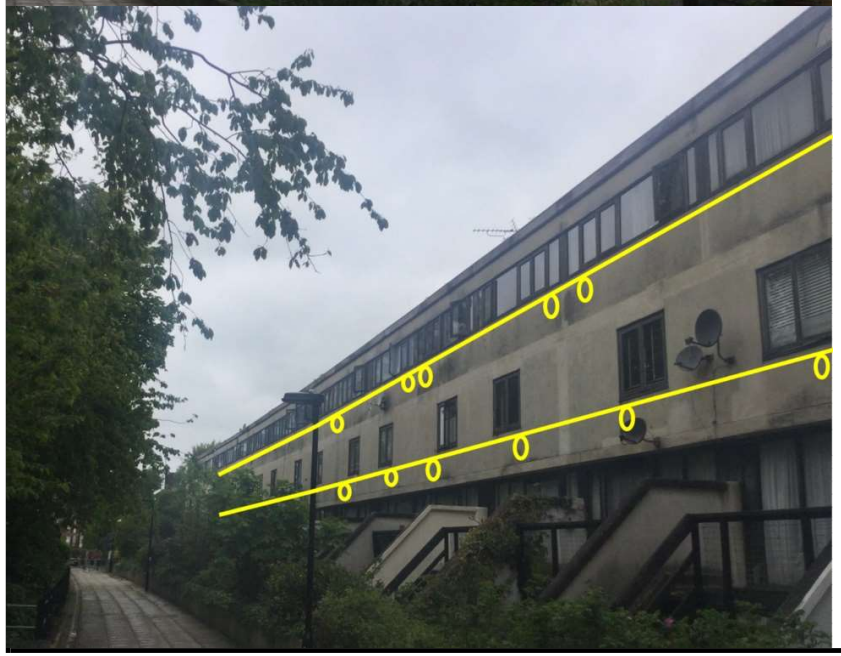

6

Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

Ver N.	Author	Details	Date
1	PN	First Issue	06/05/2020

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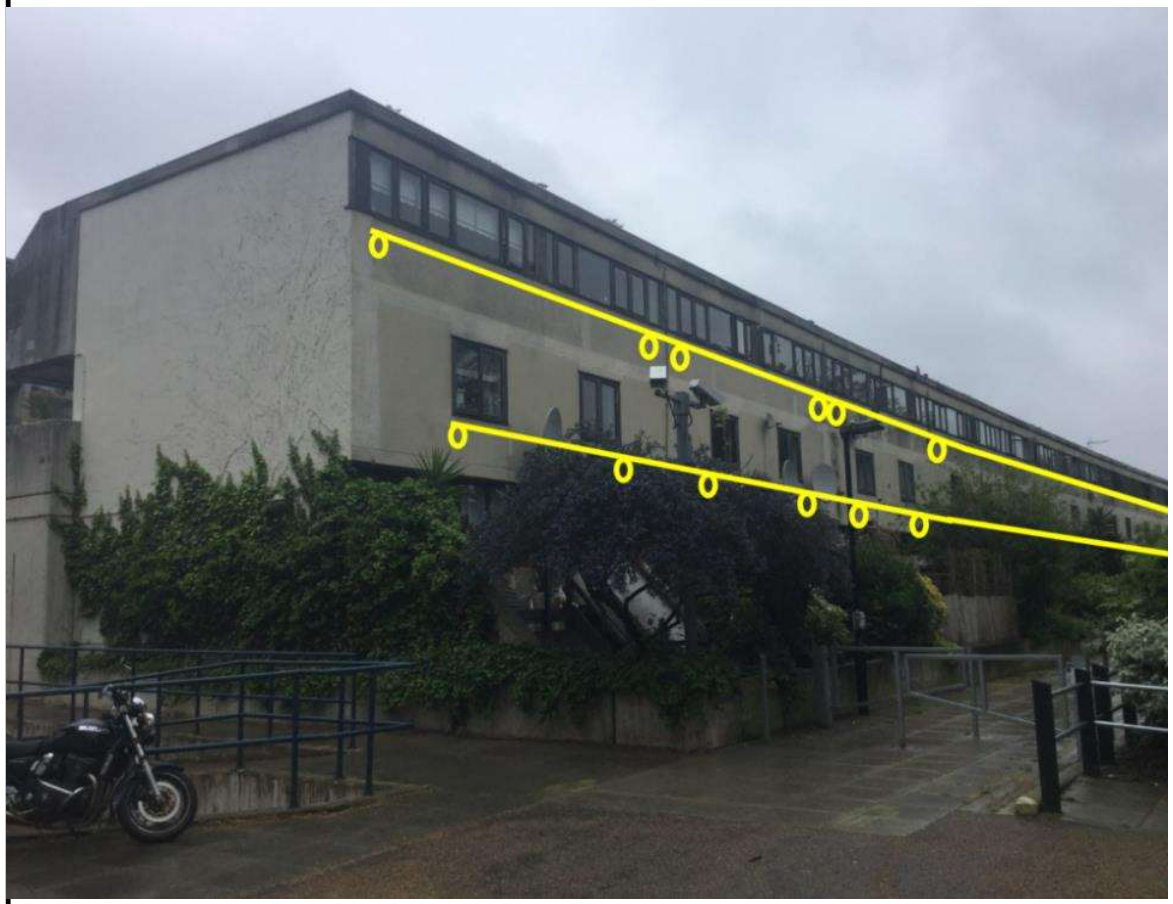

Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

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Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

	1x64 Splitter required to feed the 36 premise's within this MDU
	From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.
	12F feed cable to run in parallel with distribution using a cantenary wire along the wall following existing cable routes.

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

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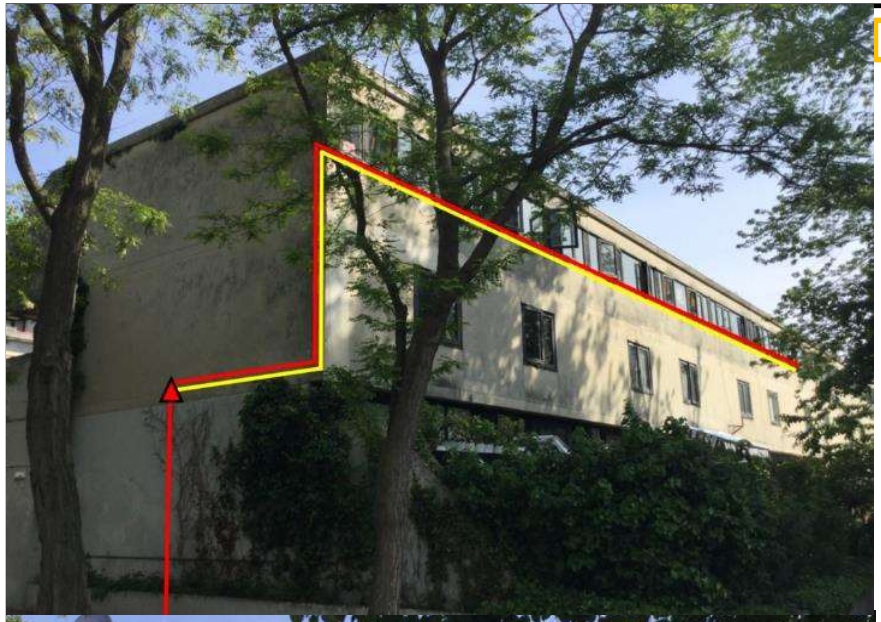

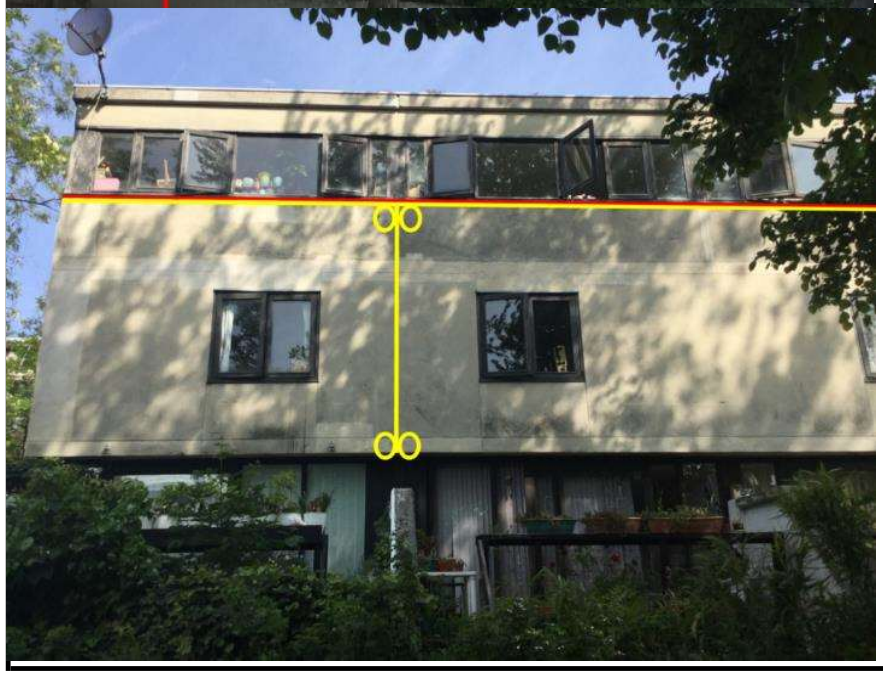

Alexandra Ainsworth Estate - ID1717		NW8 0SH
		ID 611

Description of work: 5-104 Rowley way

	1x64 Splitter required to feed the 36 premise's within this MDU
	From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.
	Coil drop locations are the same all along this MDU Block.

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

Ver N.	Author	Details	Date
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Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

	From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.
	Drop Coils are in the same place for each block

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

Ver N.	Author	Details	Date
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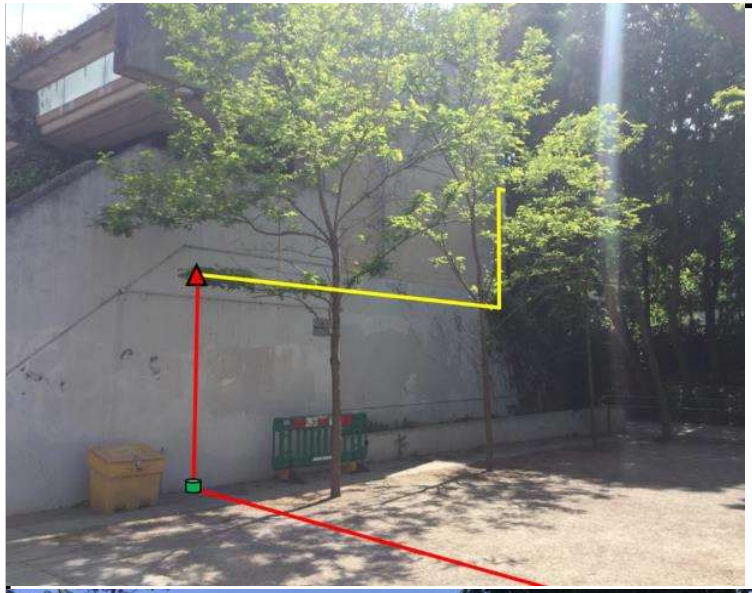

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2

Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

	1x64 Splitter required to feed the 36 premise's within this MDU
	From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.
	1x12F cable to feed all of Langtry Walk in a Daisy chain design. 2f will be required for this splitter

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

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Alexandra Ainsworth Estate - ID1717	NW8 0SH
	ID 611

Description of work: 5-104 Rowley way

From the distribution point, run twin core subscriber feed cables using cantenary wire along the wall following existing cable routes where possible. Subscriber feeds to be left in neat 5m length coil neatly affixed to the wall next to each flat living room window.

Key	Planned	As built
Drop Fibre		
Feed/Distribution Fibre		
Fibre Enclosure		
Drill/Core Hole		
CFL Chamber		
Third Party Trench/Duct		
Third Party Chamber		
Splitter Wall-Box		

Cabling Detail-Work Points (Pg1)

Ver N.	Author	Details	Date
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