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Regents Park Estate Lovell Job No. 84923

Community Safety Statement

Author:ALChecked by:JR/STDate:February 2016Status:01

architecture building surveying building services planning interior design sustainability structural engineering quantity surveying

Vision, form and function



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1.0 Introduction

The development is located in north London and within the London Borough of Camden.

The scheme consists of 8 similar blocks of flats and 4 similar blocks of houses.

The scheme provides 116 new dwellings across the site as follows:

- Robert Street 13 residential units and community space
- Varndell Street 8 residential units and community space
- Dick Collins Hall 11 residential units and community space
- Rydal Water 24 residential units and community space
- Newlands 32 residential units and community space
- The Victory 10 residential units and community space
- Cape of Good Hope 15 residential units and community space
- St Bedes Mews 3 residential units and community space

2.0 General Community Safety Strategy

The compilation of this document is based on consideration of the original planning drawings (produced by others), the draft planning approval with conditions, and the current applicable planning policy.

The drawings contained within Appendix A, B, C and D, relate directly to the security measures to all buildings and the public realm within the relevant phases identified in Condition 6 of the granted planning permission ref: 2015/3076/P.

Guidance Reference

External Lighting

The Contractor shall note that the external lighting style will require to be agreed as part of the planning application. The style and performance of the luminaires shall be selected and agreed with the local planning department to meet the parameters on the external lighting indicative drawing.

The Contractor shall supply and install all the external lighting fittings and associated to provide a fully functional system in accordance with the indicative drawings for buildings with remote luminaires to the buildings and as described below.

The wiring shall be multi core XLPE/SWA/LSF cables from a distribution board feeding the external services via contactor, time switch and dusk to dawn photo cell.

General

External lighting remote to the buildings will generally be provided as per the indicative external lighting drawings and to comply with the planning application and associated British Standards and Regulations.

As indicated on the indicative drawing the main areas to be covered are the new pedestrian walkways on the estate, playground area and new multi-use public areas and parking areas. Generally the external lighting shall consist of XLPE/SWA/LSF cables installed in ducts for the amenity lighting associated with footpaths, roadways and the new multi-use area with the design levels as indicated on the drawing. Common circulation spaces within the Landlord's domain such as stairwells and balcony lighting and wall mounted luminaires shall be installed in a flush mounted containment system wired in LSF singles from the distribution board for external services.

The indicative external lighting drawings do not general indicate wall mounted lighting at all entrances or ancillary rooms with external aces, i.e. plant spaces, bin stores and bike stores etc. The Contractor shall include in addition to the external lighting shown on any indicative drawings, for proving a complete building mounted external lighting scheme to the following areas in accordance with Camden Technical Specifications to all the sites forming the development, including but not limited to:

• All final exit and entrances including emergency lighting to all the buildings to meet CIBSE Codes of Practise and Camden Council Technical Specifications.

- At all bin store, plant room and bike store external doors including emergency lighting to all the buildings to meet CIBSE Codes of Practice and Camden Council Technical Specifications
- All paths between all final exit and entrances doors and bin store, plant room and bike store external doors including emergency lighting to all the buildings to meet CIBSE Codes of Practice and Camden Council Technical Specifications
- All paths, walkways between final exit and entrances including emergency lighting to the public highway to all the buildings to meet CIBSE Codes of Practise and Camden Council Technical Specifications

The system as identified on any indicative drawings or listed above generally comprise of lighting columns with postop luminaires utilising 'LED' light source and photocell, to comply with BS EN13201-2-2003 Part 2 Category S2 performance requirements for subsidiary roads.

Where the regulations do not stipulate external lighting it shall be will be provided as a minimum to maintained horizontal luminance level as follows;

- ≥ 10 lux maintained average (Eav)
- ≤ 15 lux maintained average (Eav)
- \geq 3 lux maintained average (Eav) minimum point illuminance.

CCTV

The Contractor shall supply and install a closed circuit television system that is compatible with Camden Councils existing system and Camden Councils CCTV Technical Specification to provide adequate viewing of specific areas shown.

CCTV will be provided to cover all communal entrances and be capable of transmitting off site via secure Wi-Fi connection to Camden Councils central control. The system shall be used to monitor activity external to the building as well as within all communal entrances, in locations dictated by Camden Council.

The overall principle of operation of the CCTV System shall consist of control/monitoring equipment and cameras, providing security staff with the facilities to select and view all camera images.

The proposed new installation shall be designed in accordance with Camden Council Technical Standards V.1.2, with the security staff Camden Council main offices being able to select and view all camera images via dedicated secure radio links.

Control Requirements

The Central Control equipment shall include the following key components – matrix Switcher(s), local control station(s) and alarm interface unit(s. The cameras shall be in accordance with the Camden Technical Standards or equal and approved.

The specialist Security Contractor shall include for the supply, erection and connection of the cameras, monitors, control equipment, patch panels etc.

The trunking and conduit to each camera and to System devices shall be included in the Contract.

The Contractor shall include for all wiring and power supply outlets as specified and indicated on drawings and in the schedules. In external locations, cabling from the conduit termination to the camera shall be contained in armour sheeted flexible conduit, complete with universal glands.

The Contractor shall indicate in the technical information, supplied with the tender, the need for local power supplies to cameras, if required and shall include for those power supplies. The entire CCTV System shall be installed in full compliance with the specification Camden's Councils schedules and good practice. The Contractor shall supply and install draw wires, conduits, adaptable boxes, outlets points, trunking etc., necessary to facilitate the wiring of system throughout the building. The electrical Contractor shall allow for drawing in the cables as per the specialist requirements. The main system panel including the recorders, multiplexer and monitors shall be as described in the Camden Council Technical Standards document.

Cabling

- The Contractor shall supply and install LS0H 4pair UTP Cat 6 cables to extend from each camera to the CCTV Equipment cabinets.
- Cables spec as Beldon 1583 NE
- 1m of cat6 cable shall be left at the camera end and 5m of cat6 cable shall be left at the comms cabinet end shall be left for terminating the cables (by others).
- All cables shall be carefully installed and not stretched, kinked or damaged in any way.
- Cable shall be secured to the trays using Millie tie cable supports.
- All damaged cables shall be removed and replaced by the electrical Contractor. Any
 costs incurred by the specialist Contractor for re-terminating and testing of any
 damaged Cat6 cables shall be met by the electrical Contractor.
- All Cat6 cables shall be loosely bundled within the comm's room and clearly labelled.

Supply to the cameras and equipment shall be by means of an un-switched fused indicating spur unit fed from the main switchboard. Wiring to be carried out in single core cables in galvanised conduits or XLPE/armoured cables in ducts. Wiring to be carried out by the Electrical Contractor.

Commissioning

The complete C.C.T.V. Installation shall be tested and commissioned in accordance with CCTV surveillance systems, Cenelec EN 50132-7. A typed certificate issued to this effect. When the system has been commissioned and is fully operational the commissioning agent

shall give the staff a demonstration of the correct operation of the system. Four working days' notice shall be given to the staff and the engineer prior to this demonstration taking place.

A full set of all relevant maintenance manuals, maintenance schedules and systems wiring diagrams are to be provided by the specialist Contractor and included in the maintenance manual.

Lighting to Entrance Areas

The Contractor shall supply and install all lighting controls. Where lighting control positions are indicated, the accessories shall be of the recessed type and associated wiring containment systems shall be concealed within the building fabric.

All lighting control accessories shall be of the same make and finish as the small power accessories specified for that area.

Local light switches shall generally be rated to accommodate the inducted loads envisaged and shall further be rated not less than the protective device for that circuit.

Landlords Area's

Stairways - 24 hour lighting provided by emergency luminaires. Non-emergency luminaires switched via PIR sensors (time delay), with a minimum spread of 6m.

Common Corridors - 24 hour lighting provided by emergency luminaries. Nonemergency luminaires to be switched via PIR sensors (time delay) for each section of corridor, with a minimum spread of 6m.

Riser rooms and other areas shall be controlled by PIR switches or local lighting switches.

Tenants Recreational Areas area – local lighting switching control that allows for segregation of areas.

The lighting levels shall be in accordance with the requirement of CIBSE Lighting Guides

Control of Access Points

DOOR ENTRY SYSTEM

Video Door Entry System

The Contractor shall supply and install a complete video/audio speech door entry access control system to each of the developments. The systems shall be installed in accordance with Camden Council Technical Standards document V.1.2. The access control systems shall provide secure access to the premises and access shall only be granted by the use of fobs which shall be provided as part of the scheme or from residents giving controlled access to visitors.

The Contractor shall note that the current accordance with Camden Council Technical Standards document V.1.2 dos not included for central monitor of the video signal (snap shot / recording) of all persons entering and leaving the building centrally at Camden Councils offices by a secure radio link.

The Contractor shall include within his tender for the additional facility over and above the current Camden Council Technical Standards document V.1.2 for central monitor of the door entry video signal (snap shot / recording) of all persons entailing and leaving the building centrally at Camden Councils offices by a secure radio link. The Contractor shall contract Camden Council for specific technical requirements.

Visitor access is controlled by the recessed panel at the main entrance, where the visitor would press the corresponding apartment number and a video signal would be sent to the video/audio handset located within the corresponding apartment. The resident, should they require can release the main entrance door from the handset to allow visitors to enter the building.

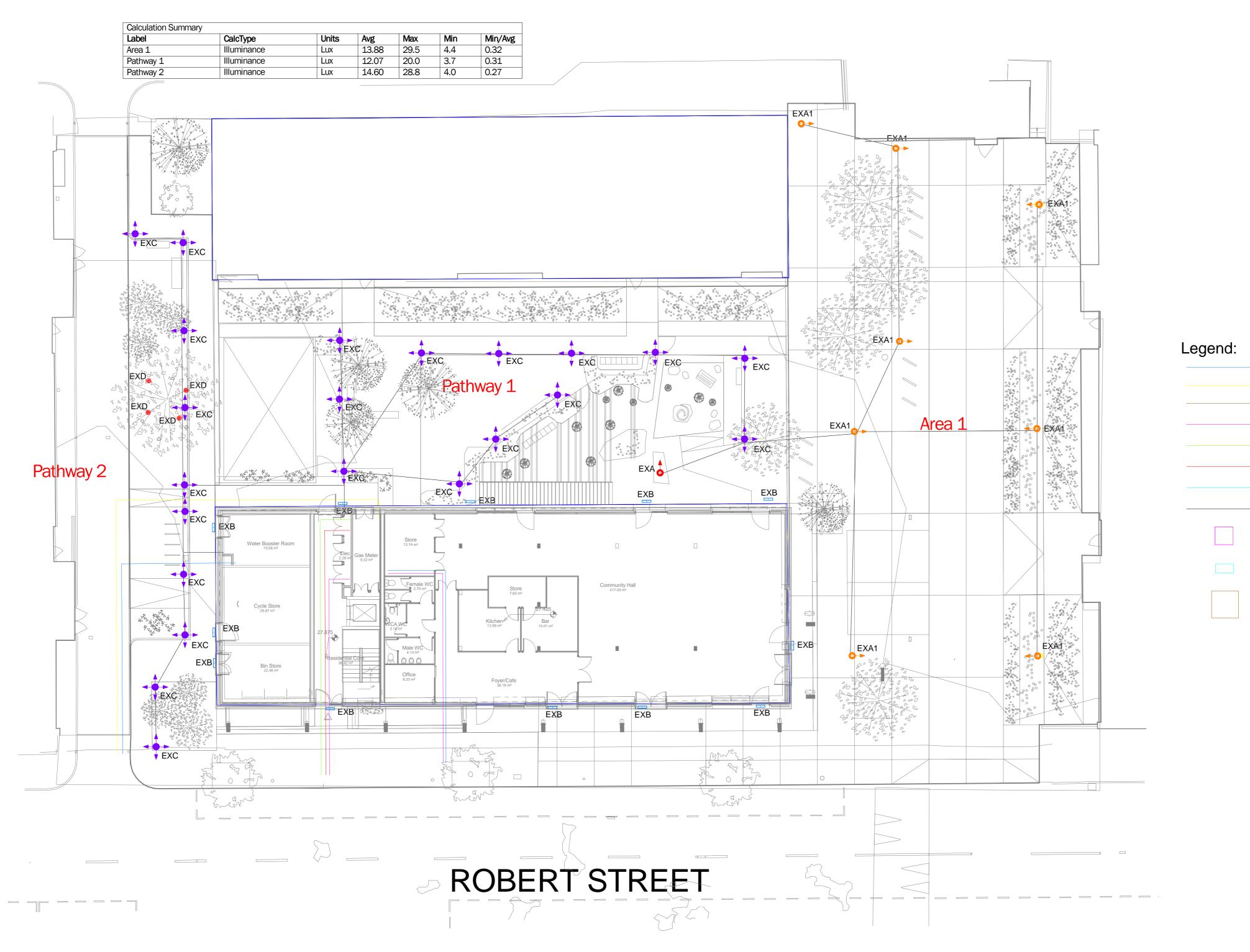
The door entry system works as a two stage door entry system whereby access into the building at ground floor level is first granted and once the visitor has reached their designated floor further access is required to gain access to the apartments on that particular level.

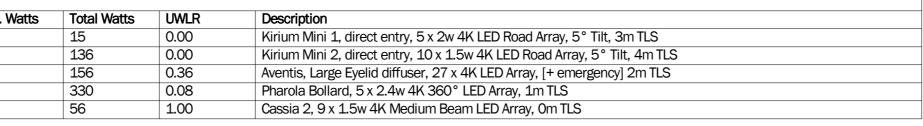
The access control systems shall be linked into the fire alarm systems.



Appendix A: External Service Layout Drawings

Symbol	Qty	Label	Arrangement	Lumens	LLF	Lum.
0->	1	KM1 NW RD 700mA 3M	SINGLE	1230	0.748	15
0->	8	KM2 NW RD 500mA 4M	SINGLE	1800	0.748	17
·	12	AVL ELEDD 2M	SINGLE	550	0.529	13
-	22	PHA 010 NW N 1M	SINGLE	580	0.529	15
	4	CAS 9 MB CW OM	SINGLE	782	0.529	14





All dimensions to be verified on site by Main Contractor before the start of any shop drawings or work whatsoever either on their own behalf or that of sub-

Report any discrepancies to the Contract Administrator at once. This drawing is to be read with all relevant Architect's and Engineer's drawings and other relevant information. © Ingleton Wood LLP

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Notes:

contractors.

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or installation drawing. The contractor shall be responsible for producing his own fully coordinated working drawings.
3. Contractors must check all dimensions on site prior to ordering materials or commencing work. Any discrepancies must be reported to the engineer immediately.
4. This drawing is copyright and is for use on this site only.
5. All structural & architectural elements, where indicated, have been imported from the engineers drawings and reference should be made to the individual structural / architectural drawings for exact dimensions.
6. This drawing should be read in conjunction with all relevant consultants, specialist sub-contractors, supply chain drawings and specifications for exact setting out, size and type of component.

type of component. 7. Discrepancies and/or ambiguities within this drawing, between it and information given elsewhere, must be reported immediately to the Ingleton Wood for clarification before proceeding. 8. All works to be carried out in accordance with the latest British Standards/Codes of Practice/Building Regulations unless specifically directed otherwise in the specification. 9. Responsibility for the reproduction of this drawing in paper form, or if issued in

electronic format, lies with the recipient to check that all information has been replicated and or specific contractor construction information.
All builders work associated with the mechanical and electrical services installation

must be included for.12. Contractor to review site Asbestos register prior to commencing works.13. All power and control wiring associated with the mechanical services installation must be included for.

14. A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
15. Refer to presence detector installation instructions for wiring, switch type & final

10. Refer to presence detector installation metabolities in many, participation of position.
11. Refer to mechanical drawings for extract fan details.
12. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
13. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
14. All accesses decomplicationing isolation draining down refilling and water All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.

20. Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short. 21. All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services

specification. specification.
22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
23. All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path

fittings cross path.

Mains Water Supply

Gas Main

Heating Main

Electrical Main Supply

BT Main Supply

Virgin Main Supply

TV Main Supply

External Lighting

Cable

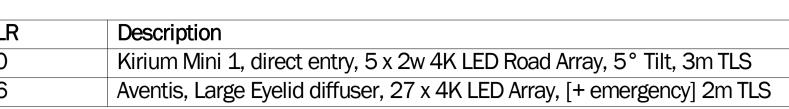
900mm x 900mmDraw Pit for Sub Main

600mm x 300mm Draw Pit for BT, Virgin & TV

900mm x 900mm Draw Pit for Heating Pipes

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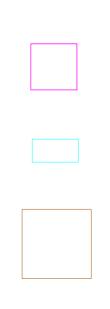
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	Electrical Main Supply BT Main Supply Virgin Main Supply TV Main Supply
GMC EMC	External Lighting Gas Meter Cupboard Electrical Meter Cupboard



900mm x 900mmDraw Pit for Sub Main Cable

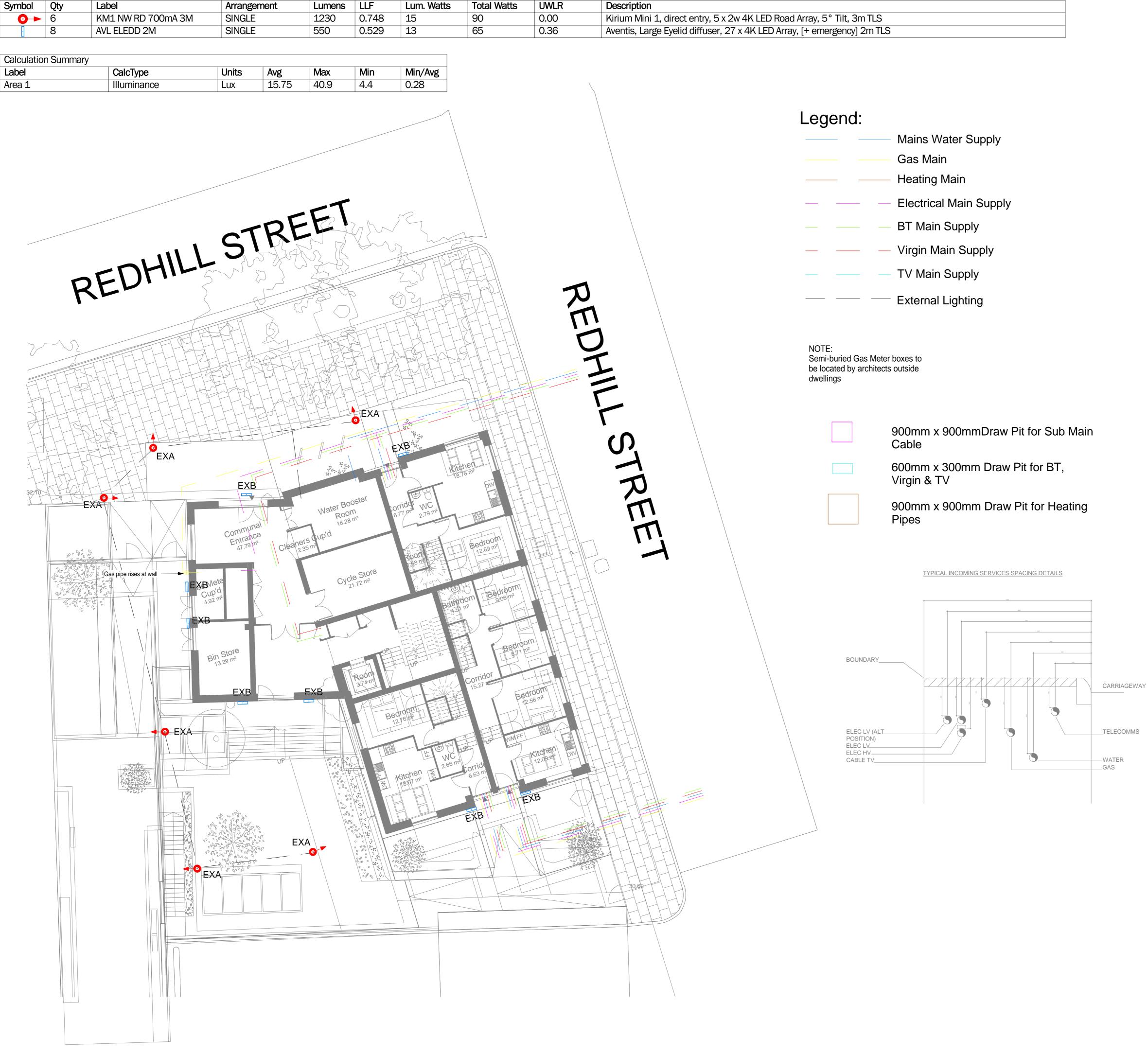
600mm x 300mm Draw Pit for BT, Virgin & TV

900mm x 900mm Draw Pit for Heating Pipes

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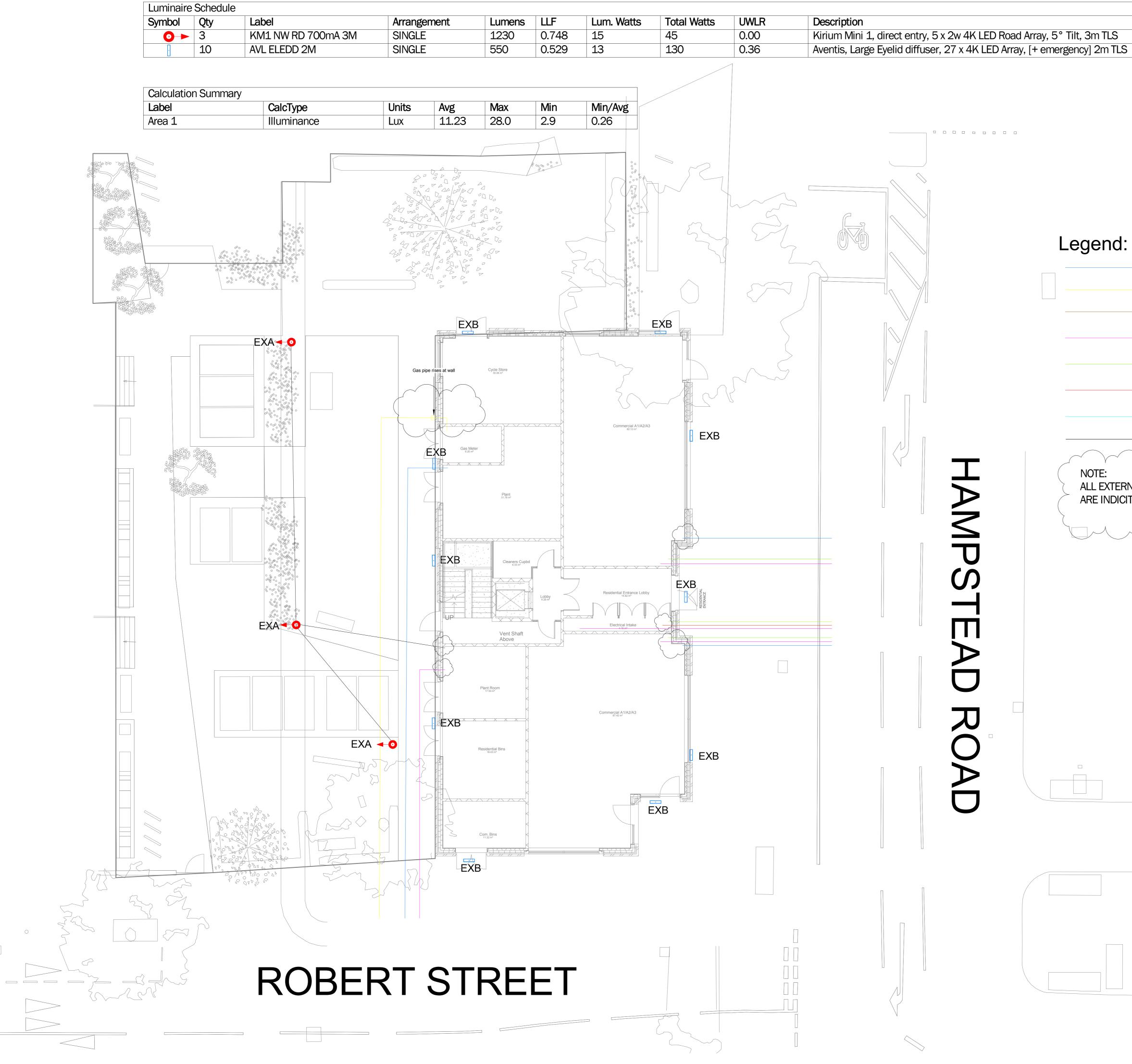
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 This drawing should be read in conjunction with all relevant consultants, specialist This drawing should be read in conjunction with all relevant consultants, specialist sub-contractors, supply chain drawings and specifications for exact setting out, size and type of component. Discrepancies and/or ambiguities within this drawing, between it and information given elsewhere, must be reported immediately to the Ingleton Wood for clarification before proceeding. 8. All works to be carried out in accordance with the latest British Standards/Codes of Practice/Building Regulations unless specifically directed otherwise in the specification. 9. Responsibility for the reproduction of this drawing in paper form, or if issued in electronic format, lies with the recipient to check that all information has been replicated in full and is correct when compared to the original paper or electronic image. 10. Graphical representations of equipment on this drawing have been co-ordinated, but are approximations only. Please refer to specifications and / or details for actual sizes and or specific contractor construction information. 11. All builders work associated with the mechanical and electrical services installation must be included for.
12. Contractor to review site Asbestos register prior to commencing works.
13. All power and control wiring associated with the mechanical services installation nust be included for.
14. A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
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22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
23. All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.
24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

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Drawing Title:			
External Services	s Layout		
Client:			
Lovell Partnershi	p Ltd.		
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Luminaire	Schedule			
Symbol	Qty	Label	Arrangement	
0->	3	KM1 NW RD 700mA 3M	SINGLE	
·	10	AVL ELEDD 2M	SINGLE	



All dimensions to be verified on site by Main Contractor before the start of any shop drawings or work whatsoever either on their own behalf or that of sub-contractors.

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10. Graphical representations of equipment on this drawing have been co-ordinated, but are approximations only. Please refer to specifications and / or details for actual sizes and or specific contractor construction information.
11. All builders work associated with the mechanical and electrical services installation must be included for.
12. Contractor to review site Asbestos register prior to commencing works. installation must be included for.
12. Contractor to review site Asbestos register prior to commencing works.
13. All power and control wiring associated with the mechanical services installation must be included for.
14. A position of all equipment shown is indicative only. Final positions to be determined & indicated on working drawings.
15. Refer to presence detector installation instructions for wiring, switch type & final positions for wiring. position.
16. Refer to mechanical drawings for extract fan details.
17. Refer to mechanical layout drawings for positions of outlets to mechanical plant.
18. Cable containment (if indicated) is shown as indicative only. Contractor to determine cable containment routes and sizes to suit the installation.
10. Automatical commissioning inclution draining drawn refilling and water 19. All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for. 20. Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short. 21. All pipe work located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification. 22. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification. 23. All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation. 24. Light Fittings are to be mounted underside of cable tray where the tray and light fittings cross path.

Legend:

- Mains Water Supply
- Gas Main
- Heating Main
- Electrical Main Supply
- BT Main Supply
- Virgin Main Supply
- TV Main Supply

External Lighting

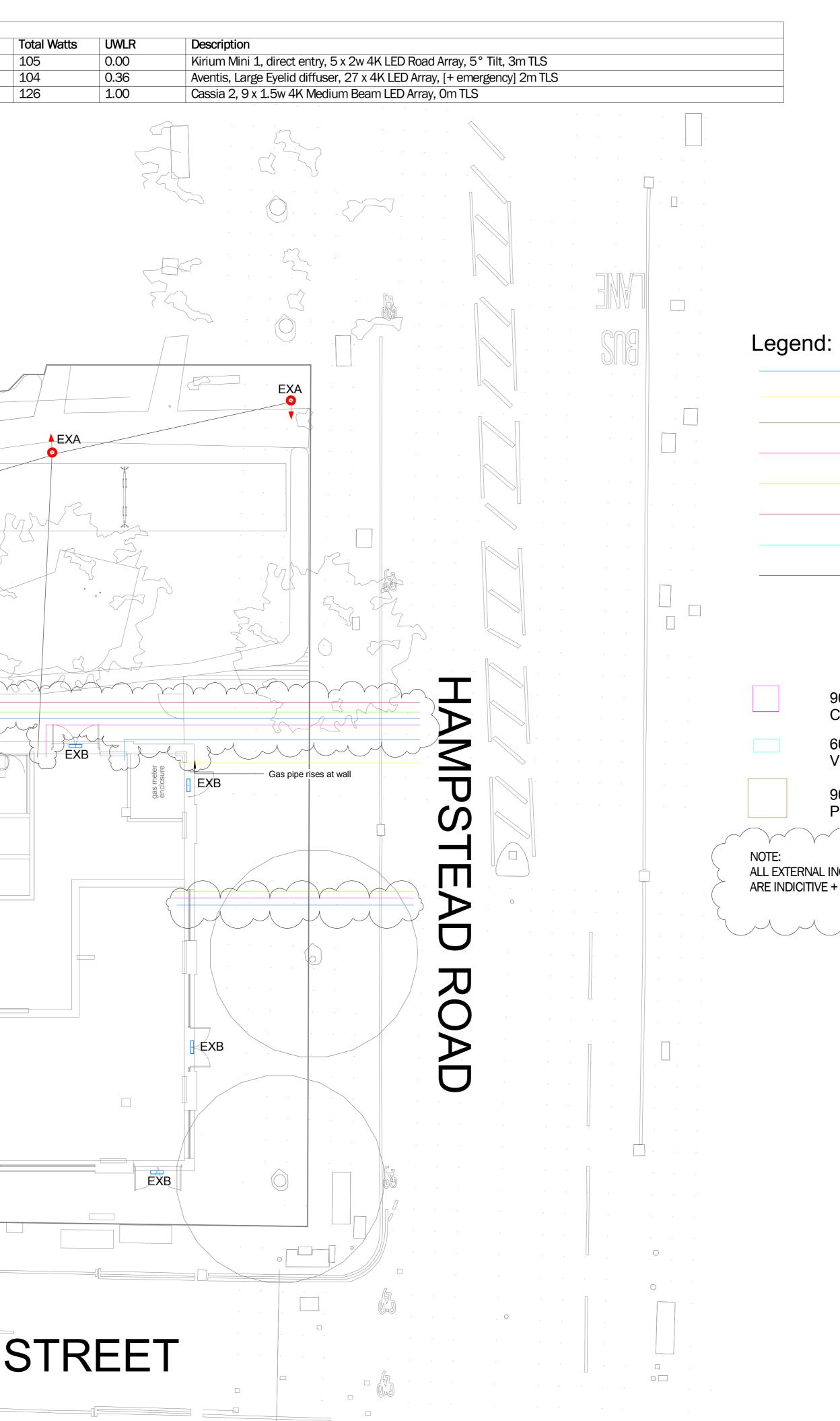
NOTE: ALL EXTERNAL INCOMING SERVICES ROUTES ARE INDICITIVE + TO BE CONFIRMED BY TDS

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9 CAS 9 MB CW 0M SINGLE 782 0.529	14

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Notes:-	
 own fully coordinated working drawings. Contractors must check all dimensior commencing work. Any discrepancies m This drawing is copyright and is for us All structural & architectural elements, the engineers drawings and reference starchitectural drawings for exact dimensio This drawing should be read in conjur sub-contractors, supply chain drawings and type of component. Discrepancies and/or ambiguities with given elsewhere, must be reported imme before proceeding. All works to be carried out in accordar 	nly and shall not be used as a working ractor shall be responsible for producing us on site prior to ordering materials or ust be reported to the engineer immediate e on this site only. where indicated, have been imported fro ould be made to the individual structural ons. rction with all relevant consultants, specia and specifications for exact setting out, si in this drawing, between it and informatio ediately to the Ingleton Wood for clarificat ince with the latest British Standards/Code
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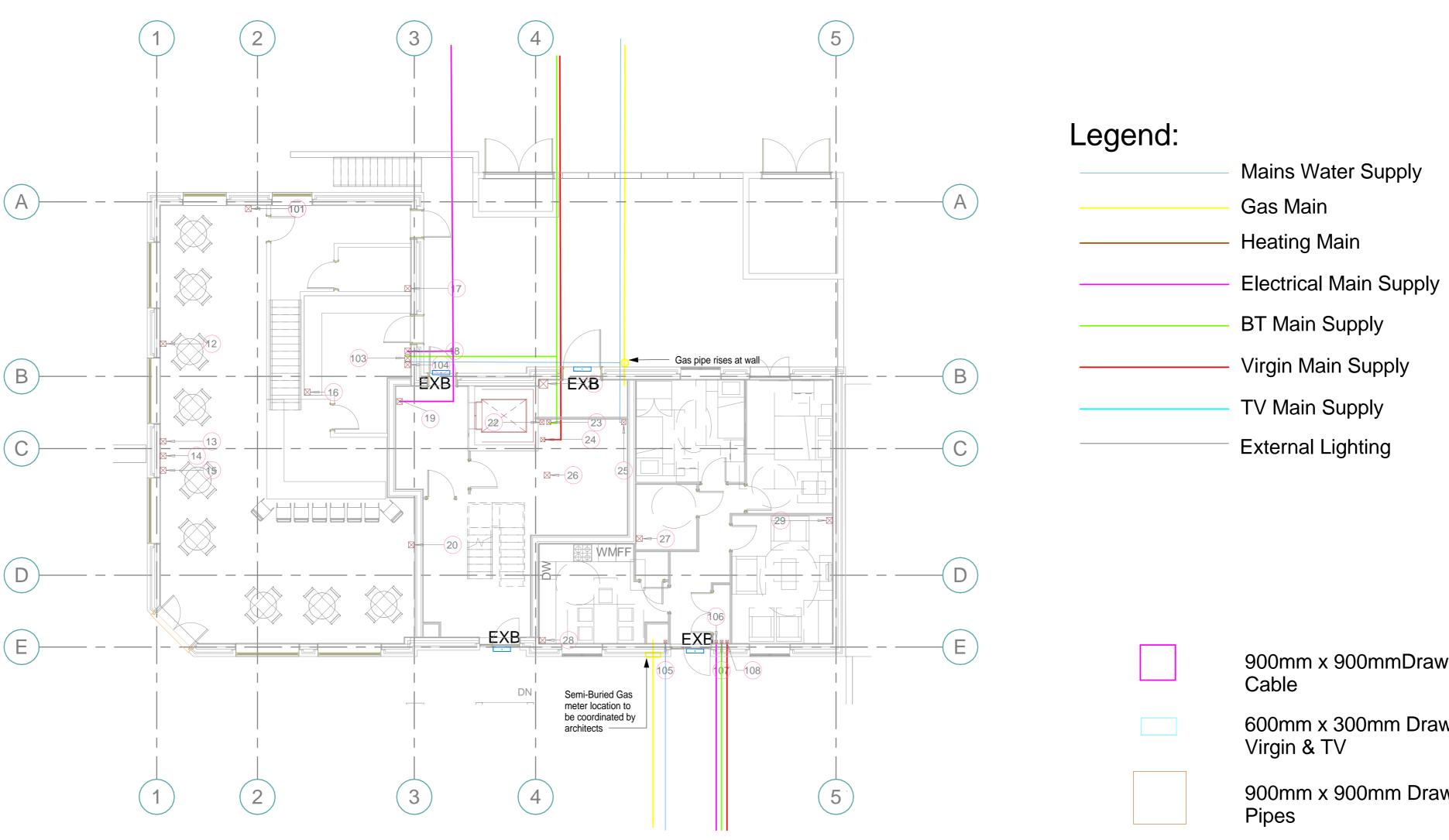
- Mains Water Supply
- Gas Main
- Heating Main
- Electrical Main Supply
- BT Main Supply
- Virgin Main Supply
- TV Main Supply
- External Lighting
- 900mm x 900mmDraw Pit for Sub Main Cable
- 600mm x 300mm Draw Pit for BT, Virgin & TV
- 900mm x 900mm Draw Pit for Heating Pipes

ALL EXTERNAL INCOMING SERVICES ROUTES ARE INDICITIVE + TO BE CONFIRMED BY TDS

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Luminaire Schedule

Symbol	Qty	Label	Arrangement	Lumens	LLF	Lum. Watts	Total Watts	UWLR	Description
·	4	AVL ELEDD 2M	SINGLE	550	0.529	13	65	0.36	Aventis, Large Eyelid diffuser, 27 x 4K LED Array, [+ emergency] 2m TLS



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900mm x 900mmDraw Pit for Sub Main

600mm x 300mm Draw Pit for BT,

900mm x 900mm Draw Pit for Heating

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Symbol	Qty	Label	Arrange	ement	Lumens	LLF	Lum. Watts	Total Watts	UWLR	Description
•	7	AVL ELEDD 2M	SINGLE		550	0.529	13	78	0.36	Aventis, Large Eyelid diffuser, 27 x 4K LED Array, [+ emergency] 2m TLS
Calculation	on Summa	ary								
Calculation Label	on Summa	ary CalcType	Units	Avg	Max	Min	Min/Avg			
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Label	on Summa	CalcType								

Luminaire Scheo	dule								
Symbol Qty	Label	Arrange	ement	Lumens	LLF	Lum. Watts	Total Watts	UWLR	Description
. 7	AVL ELEDD 2M	SINGLE		550	0.529	13	78	0.36	Aventis, Large Eyelid diffuser, 27 x 4K LED Array, [+ emergency] 2m TLS
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Calculation Sum	imary								
Label	CalcType	Units	Avg	Max	Min	Min/Avg			
Area 1	Illuminance	Lux	7.57	10.3	4.1	0.54			
Area 2	Illuminance	Lux	6.73	9.6	4.5	0.67			
Area 3	Illuminance	Lux	4.40	8.6	2.1	0.48			
Area 4	Illuminance	Lux	6.79	9.4	4.2	0.62			



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900mm x 900mmDraw Pit for Sub Main

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