

REF.	LOCATION	ROOM (m ²)	PROPOSED SIZE PER (Kw)	MANUFACTURER	MODEL
EPH-01	STORE	19.5	1	atlantic	F127
EPH-02	FEMALE LOCKER	15.8	1	atlantic	F127
EPH-03	FEMALE WC	16.5	1	atlantic	F127LST
EPH-04	LOBBY	2.7	0.5	atlantic	F127
EPH-05	MALE WC	14	1	atlantic	F127LST
Notes: -All panel heaters shall be supplied with integral thermostatic control and setup onsite to operate as per specification. -Where a specification does not exist, panel heaters shall be set to 18°C in occupied areas and 12°C in vacant or unoccupied areas for frost protection.					

NOTE:

1. All cables installed must be low smoke grade (LSF/LSOH). Twin and earth cabling is permitted. PVC insulation is not acceptable.
2. All cables must be suitably mechanically supported in their entire length.
3. The proposed method of containment is galvanneal steel tray and conduit.
4. All cabling to FoH area shall be concealed and surface containment only utilised in BoH areas.
5. Where surface pipes or cleats are used there must be mechanical support using metal means.
6. All electrical services designed as new shall be installed to conform with current IET regulations (BS7671 plus current amendment).
7. All Panel Heater supplies must be fed via contactors for future proof BMS switching.
8. All DB's feeding panel heaters shall be fitted with an adjacent contactor enclosure, complete with a digital timelock.
9. All fire alarm related works must be complete in accordance with (BS5839 plus current amendment).
10. Where new mechanical HVAC services are installed as new, they should be linked to the fire alarm so to ensure shutdown of the relevant HVAC services on fire activation. The only AC to remain in operation shall be the comms room.
11. All BMS controls will be undertaken by Mitie BMS. The electrical works designed are for future proofing only.
12. All existing DB's shall be subject to a full IECR, only when altered.

Legend

	MAINS DISTRIBUTION
	SWITCHED FUSED SPUR
	FUSED SPUR
	ELECTRIC PANEL HEATER
 2A 7T&N	ISOLATOR
	GALVANISED TRUNKING DROP
	POWER CONTAINMENT (SIZE AS INDICATED)
	25mm GALVANISED CONDUIT
	50mm TRUNKING

NOTE:

- PH - PANEL HEATER
- FCU - FAN COIL UNIT
- EF - EXTRACT FAN
- AC - AIR CONDITION
- EWB - ELECTRIC WATER HEATER
- EBB - ELECTRIC HEATER BATTERY
- HU - HEAT RECOVERY UNIT
- MC - MASTER CONTROLLER

P03	24.03.23	REVISED CP	AA	MC
P02	25.11.22	REVISED AS NOTED	AA	MC
P01	18.11.22	FIRST ISSUE	AA	MC
Rev	Date	Revision Notes	BY	CH

Client:

LLOYDS BANKING GROUP

Project

WREXHAM HOPE STREET
55 HOPE STREET
WREXHAM LL11 1AF

Status:

PRELIMINARY

All dimensions in mm except where otherwise stated. Dimensions up to 1 metre +/- 0.5mm. Dimensions 1 metre to 5 metres +/- 1mm.
Except where otherwise stated
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Drawing Title:

BASEMENT FLOOR ELECTRIC SERVICES LAYOUT

Drawing No. 50960570-79G-RD-BF-M2-EL-3202	Revision No. P03
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Drawn:	Checked:	Scale @A1:	Originated Date
AA	MC	1:50	18.11.22

