

Study Inn 175 Corporation Street Coventry CV1 1GU Date 9th October 2014

REMEDIALS FOLLOWING FIXED WIRING TEST

Report No: LFL20240909081

Site: Study Inn, Lemyngton Street, Loughborough, Leicestershire, LE11 1UJ

Dear Sir or Madam,

Following a Periodic Inspection at the above property, to verify that the existing installation meets the standard required by the BS7671, we attended site as requested, and completed the recommendations listed in the report supplied by Ladrillos Facilities Ltd.

All code 1 and code 2's that were required have been carried out and a Minor Work certificate issued where applicable. This allows the installation to be regarded as to the required standard for a satisfactory certificate. All code 3's will be quoted and sent for approval.

We can therefore confirm that with the reported recommendations completed the current unsatisfactory report issued, combined with this letter and supporting documents will confirm that the installation meets the required BS7671 standard.

The Installation will be due to be next tested on 24/08/2029

Yours faithfully,

Lee Scruton

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Qualifying Supervisor

LFL-02-001-TP Rev. 1.0 – Dec.18



ELECTRICAL INSTALLATION CONDITION

REPORT
Requirements For Electrical Installations - BS 7671

| GUIDA | | | | | | Certificate | Numbe | er: | LFL202 | 40909 | 912390 | 81 |
|--|---|--|---|--|----------------------------|---------------------------------|----------|----------------------|-------------------------------|---------|----------|----------|
| 1 DETA | ILS OF 1 | THE PERSO | N ORI | DERING T | HE REP | ORT | | | | | | |
| Client: | Study Inn | 1 | | | | | | | | | | |
| Address: | 175 Corp | oration Stree | t, Cove | ntry, CV1 1G | iU | | | | | | | |
| 2 REAS | ON FOR | PRODUCI | NG TH | IS REPOR | Т | | | | | | | |
| | - | this report: | | | | | | | | | | |
| To assess of | ompliance | with BS 767: | 1. | | | | | | | | | |
| Date on whic | ch inspection | n and testing v | vas carri | ed out: | 24/ | 08/2024 | | | | | | |
| 3 DETA | ILS OF 1 | THE INSTA | LLATI | ON WHIC | H IS TH | E SUBJEC | T OF | THIS | REPORT | | | |
| Installation | n Address: | Study Inn, L | emyngt | on Street, Lo | oughboro | ugh , Leices | stershir | e,LE11 | L 1UJ | | | |
| Description o | of premises: | Domestic | N/A | Commercia | I 🗸 | Industrial | N/A | Other: | | N/A | A | |
| Estimated ag | je of wiring | system: | 5 ye | ars | Evidence alteration | of additions/ | N, | /A if ye | es, estimated | l age: | N/A | years |
| Installation re | ecords avai | lable? (Regula | tion 651 | .1) No | | 3. | Date | of last in | spection: | 2 | 4/08/2 | 019 |
| Extent of the 100% | he electrica e installati etions includeresistance on light boards or insperescribe zones nonce testing between the constance of the constance testing between testing | ding the reason hting circuits. No insu- ction of loft space. of checked een live and neutral of Peter Dube ncluding the re- | ns (see Fullation resistence tested of erry easons: | y this report: Regulation 65 ance testing of con | 3.2): tactor coil or t | mer circuits. | | o testing | s of ccts 131 | .2,13l | .3 on | |
| 7671:2018 (It should be of the buildin | IET Wiring I noted that one or underg | ng detailed in Regulations) a cables conceal ground, have r n should be ma | s amend ed withir not been | ed to 2022. Trunking and inspected un | d conduits lless specif | , under floors ically agreed | s, in ro | of space en the c | s, and gener lient and ins | ally wi | thin the | e fabric |
| 5 SUMI | MARY OF | THE CONI | OITIO | N OF THE | INSTAL | LATION | | | | | | |
| | | mmary of the | _ | | | | of elec | trical sa | fety. | | | |
| Overall associated u | essment o | f the installa | tion in t | erms of it's | suitabilit | y for | | | UNSATISFA | CTORY | <u> </u> | |
| * An unsati | sfactory as | ssessment in | dicates | that danger | rous (Cod | e C1) and/ | or pote | entially | dangerous | (Code | e C2) | |

conditions have been identified.

RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.

Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by:

5 Years or change of tenant/owner

Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

N/A There are no items adversely affecting electrical safety

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The following observations and recommendations are made

| Item No | Observations | Classification Code |
|---------|--|------------------------|
| 1 | Plant Room - Socket burning. Requires new surface mounted double metal clad socket | C2 |
| 2 | Plant Room - Unknown circuits in DB. Circuit 5L1 requires further investigation. | FI |
| 3 | Plant Room - Unknown circuits in DB. Circuit 6L1 requires further investigation. | FI |
| 4 | Ground Floor SC Far Kitchen, cross polarity on oven 2 socket. Requires new single switched socket. | C2 |
| 5 | 1st Floor JS Near Kitchen, Contactor hanging from wall. Requires pinning back. | C2 |
| 6 | 2nd Floor, Studio 38 - Double fast fix back box broken behind bed. Requires new double fast fix back box. | C2 |
| 7 | 2nd Floor, Studio 36 - Bedroom socket jammed. Requires new bed headboard integrated single socket. | C2 |
| 8 | 3rd Floor, Sub DB Circuit 13L3 - RCBO Keeps popping when activation is attempted. Further investigation required. | FI |
| 9 | 5.23 Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) is in a potentially dangerous condition. Urgent remedial action is required. | C2 |
| 10 | 5.5 Condition of enclosure(s) in terms of IP rating etc (416.2) is in a potentially dangerous condition. Urgent remedial action is required. Modular Blanks missing from various DB's in Bedrooms. | C2 |
| 11 | Eddy currents possible in 3 x sub DBs as all Line conductors don't pass through the same entry. | C2 |
| | | |
| | | |
| | | |
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| responding to the metallique of the degree of digens, is | |
|--|--|
| C1 Danger Present Risk of injury. Immediate remedial action required C2 Potentially data Urgent remedial required | action Improvement recommended FI Further investigation required without delay |
| Immediate remedial action required for items: | N/A |
| Urgent remedial action required for items: | 1, 4, 5, 6, 7, 9, 10, 11 |
| Improvement recommended for items: | N/A |
| Further investigation required for items: | 2, 3, 8 |

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| | | | | | | INSTA | | | | | | | | |
|-------------------------|---------------------------------|--------------------------|-----------------------------|------------------------|-----------|--|----------------------|------------------------|--------------------------------------|---------------------------|------------------|--------------------------|---------------------|----------------------|
| Genera | | | | | (601111 | | Jul Juli | ,) ' | | | | | | |
| | | | | | | | | | | | | | | |
| | ECLAR being th | | | responsibl | le for th | e inspectio | n and t | estina of | the electri | cal install | ation (a | s indicated | bv mv/c | our |
| signature inspectio | es below n and te an accu |), partesting, rate a | ticulars hereb ssessn | of which y declare | are des | scribed about the scribed abou | ove, had on in th | ving exer is report | cised reason, including ation taking | onable ski the obser | II and cavations | are when c and the at | arrying o | out the chedules, |
| Trading T | Γitle: | Ladri | illos Fa | acilities L | td | | | | | | | | | |
| Address: | | | 15 Far ett Wa | | nterpris | e Centre | | | | stration No plicable): | | 6132 | 75000 | |
| NE | | Farel | | , | | | | | Telep | hone Nun | nber: | 01329 | 9562200 |) |
| | PROVED | | | | | Dootooda | . PC |)14 1TH | · | | | | | |
| For the | TNCDEC | TTON | TFCI | TING ANI | D ASSE | Postcode SSMENT | | | | | | | | |
| Name: | | | /ckeo | | Position | | ectrici | • | Signature | e: | 1. HCL | | Date: 2 | 4/08/2024 |
| Report i | reviewe | ed and | auth | orised fo | r issue | | | | | | i, HCL | | | |
| Name: | I | _ee So | ruton | | Position | : Qualifi | ed Sup | ervisor | Signature | e: | L f | nt on | Date: 2 | 4/08/2024 |
| 10 SI | JPPLY | CHA | RAC | TERIST | ICS A | ND EAR | THIN | IG ARR | ANGEME | ENTS | | | | |
| Earth Arrange | - | | Numb | er and Ty _l | pe of Liv | e Conducto | ors | Nat | ure of Supp | ly Parame | eters | Supply | Protectiv | ve Device |
| TN-S: | N/A | AC: | ✓ | 1-phase (2-wire) | N/A | ` , | N/A | Nomina U/Uo: | al voltage, | 4 | 100 V | BS (EN): | 60947 | 7-2 MCCB |
| TN-C-S: | \checkmark | | | 3-phase (3-wire): | N/A | 3-phase (4-wire): | \checkmark | Nomin | al frequenc | y, f: 5 | 50 Hz | Type: | | |
| TNC: | N/A | DC: | N/A | 2-wire: | N/A | 3-wire: | N/A | Prospe | ctive fault t, lpf: | 5 | .86 kA | Rated cu | rrent: | 400 A |
| TT: | N/A | Other | r: | | N/ | A | | | al earth fau npedance, 2 | (1 | .08 Ω | | | |
| IT: | N/A | Confi | rmatio | n of supp | ly polari | ity: | \checkmark | Numbe | er of supplie | es: | 1 | | | |
| 11 P/ | ARTIC | ULAF | RS OF | F INST | ALLAT | ION RE | FERR | ED TO | IN THE | REPOR | Т | | | |
| Means Distribute | of Earthi | ng | | | | Details o | f Instal | lation Ea | rth Electrod | e (where | applicat | ole) | | |
| facility: | | | ✓ | Type: | | N/A | | Locat | | | | N/A | | |
| Installati earth ele | | N | I/A | Resistar | ice to E | arth: | N/A ⊆ | Metho meas | urement: | | | N/A | | |
| | | itch-F | | Circuit-Bre | | RCD | | DG (51 | | 17.2.146 | CD. | | C 1 | 2 |
| Location | | 400 | | LV Switch | | : | | BS (EN | | 17-2 MC | | Number o | f poles: | 3 |
| Current i | | 400 |) A | ruse/ue | vice rac | ing or setti | ng: | | A Volta | ge rating: | 4 | 15 V | | |
| RCD Type | | N/ | Ά | Rated re | | operating | N/A | mA | Rated time delay: | N/A | ms | Measured operating | | N/A ms |
| Earthing | and Prot | ective | Bondi | ng Conduc | | | | Е | onding of e | xtraneous | s-conduc | tive parts | | |
| Earthing | conduct | | | _ | | Connect | | Т | o water ins | | 1 | To gas | installati | on 🗸 |
| Conducto material: | : | Copp | | | 20 mm | 2 continui verified | | <i>_</i> | ipes: o oil installa | ation | N/A | pipes: To light | | N/A |
| Main prot | | onding | g condu | uctors | | Connect | | • | ipes: o structura | ı | 14// | protect To othe | tion: er service | - |
| monto viole | | Conn | er | csa: 5 | 0 mm | 2 | - 7 | | | • | N/A | | N/A | 4 |

| 12 II | NSPECTION SCHEDULE | |
|----------------------|---|--------------------|
| Item | Description | Outcome |
| 1.0 | EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY) Where inadequacies in intake equipment are encountered, it is recommended that the person ordering the rep the appropriate authority | ort informs |
| 1.1 | Service cable | Pass |
| 1.2 | Service head | Pass |
| 1.3 | Earthing arrangements | Pass |
| 1.4 | Meter tails | Pass |
| 1.5 | Metering equipment | Pass |
| 1.6 | Isolator (where present) | Pass |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES | |
| 2.1 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A |
| 2.2 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A |
| 3.0 | AUTOMATIC DISCONNECTION OF SUPPLY | |
| 3.1 | Main earthing/bonding arrangements (411.3; Chap 54): | |
| 3.1.1 | Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3) | Pass |
| 3.1.2 | Adequacy of earthing conductor size (542.3; 543.1.1) | Pass |
| 3.1.3 | Adequacy of earthing conductor connections (542.3.2) | Pass |
| 3.1.4 | Accessibility of earthing conductor connections (543.3.2) | Pass |
| 3.1.5 | Adequacy of main protective bonding conductor sizes (544.1) | Pass |
| 3.1.6 | Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) | Pass |
| 3.1.7 | Accessibility of all protective bonding connections (543.3.2) | Pass |
| 3.1.8 | Provision of earthing/bonding labels at all appropriate locations (514.13) | Pass |
| 3.2 | FELV - requirements satisfied (411.7; 411.7.1) | N/A |
| 4.0 | OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details share) | ould be |
| 4.1 | provided on separate sheets) Non-conducting location (418.1) | N/A |
| 4.2 | Earth-free local equipotential bonding (418.2) | N/A |
| 4.3 | Electrical separation (Section 413; 418.3) | N/A |
| 4.4 | Double insulation (Section 412) | N/A |
| 4.5 | Reinforced insulation (Section 412) | N/A |
| 5.0 | DISTRIBUTION EQUIPMENT | 14// |
| 5.1 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | Pass |
| 5.2 | Security of fixing (134.1.1) | Pass |
| 5.3 | Condition of insulation of live parts (416.1) | Pass |
| 5.4 | Adequacy/security of barriers (416.2) | Pass |
| 5.5 | Condition of enclosure(s) in terms of IP rating etc (416.2) | C2 |
| 5.6 | Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) | Pass |
| 5.7 | Enclosure not damaged/deteriorated so as to impair safety (651.2) | Pass |
| 5.8 | Presence and effectiveness of obstacles (417.2) | Pass |
| 5.9 | Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2) | Pass |
| 5.10 | Operation of main switch(es) (functional check) (643.10) | Pass |
| 5.11 | Manual operation of circuit-breakers, RCDs and AFDDs to prove functionality (643.10) | Pass |
| 5.12 | Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10) | Pass |
| 5.13 | RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2) | N/A |
| 5.14 | RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1) | Pass |
| | | |
| OUTCON | | u.t. |
| Accepta condition | | Not licable N/A |
| This forn | n is based on the model shown in Appendix 6 of BS 7671:2018+A2:2022. Ref: LFL202409091239081 - Pa | ige: 4 of 253 |

| | NSPECTION SCHEDULE (CONTINUED) | |
|---|---|--|
| Item | Description | Outcome |
| 5.15 | Presence of RCD six-monthly test notice, where required (514.12.2) | Pass |
| 5.16 | Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) | Pass |
| 5.17 | Presence of alternative supply warning notice at or near equipment, where required (514.15) | N/A |
| 5.18 | Presence of next inspection recommendation label (514.12.1) | Pass |
| 5.19 | Presence of other required labelling (please specify) (Section 514) | Pass |
| 5.20 | Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433) | Pass |
| 5.21 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) | Pass |
| 5.22 | Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11) | Pass |
| 5.23 | Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) | C2 |
| 6.0 | DISTRIBUTION CIRCUITS | |
| 6.1 | Identification of conductors (514.3.1) | Pass |
| 6.2 | Cables correctly supported throughout their run (521.10.202; 522.8.5) | LIM |
| 6.3 | Condition of insulation of live parts (416.1) | Pass |
| 6.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | Pass |
| 6.5 | Suitability of containment systems for continued use (including flexible conduit) (Section 522) | Pass |
| 6.6 | Cables correctly terminated in enclosures (Section 526) | Pass |
| 6.7 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | Pass |
| 6.8 | Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6) | Pass |
| 6.9 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | Pass |
| 6.10 | Adequacy of protective devices: type and rated current for fault protection (411.3) | Pass |
| 6.11 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | Pass |
| 6.12 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | Pass |
| 6.13 | Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522) | Pass |
| 6.14 | Where exposed to direct sunlight, cable of a suitable type (522.11.1) | Pass |
| 6.15 | Cables concealed under floors, above ceilings, in walls/partitions less than 50mm from a surface, an partitions containing metal parts: | nd in |
| 6.15.1 | Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or | Pass |
| 6.15.2 | Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204) | Pass |
| 6.16 | | |
| | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | Pass |
| | | |
| 6.17 | Band II cables segregated/separated from Band I cables (528.1) | LIM |
| 6.17 6.18 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) | LIM LIM |
| 6.17 6.18 6.19 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) | LIM LIM Pass |
| 6.17 6.18 6.19 6.20 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) | LIM LIM Pass Pass |
| 6.17 6.18 6.19 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – | LIM LIM Pass |
| 6.17 6.18 6.19 6.20 6.21 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) | LIM LIM Pass Pass Pass |
| 6.17 6.18 6.19 6.20 6.21 6.22 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section | LIM LIM Pass Pass Pass Pass |
| 6.17 6.18 6.19 6.20 6.21 6.22 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) General condition of wiring systems (651.2) | LIM LIM Pass Pass Pass Pass Pass Pass |
| 6.17 6.18 6.19 6.20 6.21 6.22 6.23 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) | LIM LIM Pass Pass Pass Pass Pass |
| 6.17 6.18 6.19 6.20 6.21 6.22 6.23 6.24 6.25 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) General condition of wiring systems (651.2) Temperature rating of cable insulation (522.1.1; Table 52.1) | LIM LIM Pass Pass Pass Pass Pass Pass |
| 6.17 6.18 6.19 6.20 6.21 6.22 6.23 6.24 6.25 7.0 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) General condition of wiring systems (651.2) Temperature rating of cable insulation (522.1.1; Table 52.1) FINAL CIRCUITS | LIM LIM Pass Pass Pass Pass Pass Pass Pass |
| 6.17 6.18 6.19 6.20 6.21 6.22 6.23 6.24 6.25 7.0 7.1 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) General condition of wiring systems (651.2) Temperature rating of cable insulation (522.1.1; Table 52.1) FINAL CIRCUITS Identification of conductors (514.3.1) Cables correctly supported throughout their run (521.10.202; 522.8.5) | LIM LIM Pass Pass Pass Pass Pass Pass Pass LIM |
| 6.17 6.18 6.19 6.20 6.21 6.22 6.23 6.24 6.25 7.0 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) General condition of wiring systems (651.2) Temperature rating of cable insulation (522.1.1; Table 52.1) FINAL CIRCUITS Identification of conductors (514.3.1) | LIM LIM Pass Pass Pass Pass Pass Pass Pass Pas |
| 6.17 6.18 6.19 6.20 6.21 6.22 6.23 6.24 6.25 7.0 7.1 | Band II cables segregated/separated from Band I cables (528.1) Cables segregated/separated from non-electrical services (528.3) Condition of circuit accessories (651.2) Suitability of circuit accessories for external influences (512.2) Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) General condition of wiring systems (651.2) Temperature rating of cable insulation (522.1.1; Table 52.1) FINAL CIRCUITS Identification of conductors (514.3.1) Cables correctly supported throughout their run (521.10.202; 522.8.5) Condition of insulation of live parts (416.1) | LIM LIM Pass Pass Pass Pass Pass Pass LIM Pass |

| 7.5 7.6 | Description Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) Suitability of containment systems for continued use (including flexible conduit) (Section 522) Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | Outcome Pass Pass |
|--------------------------|---|-------------------------|
| 7.5 7.6 7.7 7.8 | Suitability of containment systems for continued use (including flexible conduit) (Section 522) Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section | |
| 7.6 7.7 7.8 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section | Pass |
| 7.7 | | |
| 7.8 | [323] | Pass |
| - | Adequacy of protective devices: type and rated current for fault protection (411.3) | Pass |
| 7.9 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | Pass |
| | Co-ordination between conductors and overload protective devices (433.1; 533.2.1) | Pass |
| 7.10 | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) | Pass |
| 7.11 | Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against da (522.6.201; 522.6.202; 522.6.203; 522.6.204): | mage |
| 7.11.1 | Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) | Pass |
| | Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.201; 522.6.204) | Pass |
| 7.12 | Provision of additional protection by 30mA RCD: | |
| 7.12.1 | For all socket-outlets of rating 32A or less, unless an exemption is permitted (411.3.3) * | Pass |
| 7.12.2 | For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) * | Pass |
| | | Pass |
| | | Pass |
| | For final circuits supplying luminaires within domestic (household) premises (411.3.4) * | Pass |
| | * Note: Older installations designed prior to BS 7671:2018 may not have been provided with RCDs for addition protection. | |
| 7.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | Pass |
| 7.14 | Band II cables segregated/separated from Band I cables (528.1) | LIM |
| 7.15 | Cables segregated/separated from non-electrical services (528.3) | LIM |
| | Termination of cables at enclosures – identify/record numbers and locations of items inspected (So | ection |
| | 526): Connections under no undue strain (526.6) | Dass |
| | | Pass Pass |
| | No basic insulation of a conductor visible outside enclosure (526.8) | |
| | Connections of live conductors adequately enclosed (526.5) | Pass |
| | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | Pass |
| 7.17 | Condition of accessories including socket-outlets, switches and joint boxes (651.2) | Pass |
| | Suitability of accessories for external influences (512.2) | Pass |
| | Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3) | Pass |
| | ISOLATION AND SWITCHING | |
| | Isolators (Sections 460; 537): | |
| | Presence and condition of appropriate devices (Section 462; 537.2.7) | Pass |
| | Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7) | Pass |
| | Capable of being secured in the OFF position (462.3) | Pass |
| | Correct operation verified (643.10) | Pass |
| | Clearly identified by position and/or durable marking (537.2.6) | Pass |
| 8.1.6 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) | Pass |
| | Switching off for mechanical maintenance (Section 464; 537.3.2): | Dass |
| 8.2.1 | Presence and condition of appropriate devices (464.1; 537.3.2) | Pass |
| | Acceptable location – state if local or remote from equipment in question (537.3.2.4) | Pass |
| 8.2.3 | Capable of being secured in the OFF position (462.3) | Pass |
| | Correct operation verified (643.10) | Pass |
| 8.2.5 | Clearly identified by position and/or durable marking (537.3.2.4) | Pass |
| оитсом | | |
| Acceptate condition | | lot icable N/ |

| | NSPECTION SCHEDULE (CONTINUED) | |
|----------|--|-------------------|
| Item | Description | Outcome |
| 8.3 | Emergency switching/stopping (Section 465; 537.3.3): | |
| 8.3.1 | Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4) | Pass |
| 8.3.2 | Readily accessible for operation where danger might occur (537.3.3.6) | Pass |
| 8.3.3 | Correct operation verified (643.10) | Pass |
| 8.3.4 | Clearly identified by position and/or durable marking (537.3.3.6) | Pass |
| 8.4 | Functional switching (Section 463; 537.3.1): | |
| 8.4.1 | Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2) | Pass |
| 8.4.2 | Correct operation verified (537.3.1.1; 537.3.1.2) | Pass |
| 9.0 | CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) | |
| 9.1 | Condition of equipment in terms of IP rating etc (416.2) | Pass |
| 9.2 | Equipment does not constitute a fire hazard (Section 421) | Pass |
| 9.3 | Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2) | Pass |
| 9.4 | Suitability for the environment and external influences (512.2) | Pass |
| 9.5 | Security of fixing (134.1.1) | Pass |
| 9.6 | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2) | Pass |
| 9.7 | Recessed luminaires (downlighters): | |
| 9.7.1 | Correct type of lamps fitted (559.3.1) | Pass |
| 9.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | Pass |
| 9.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | Pass |
| 9.7.4 | No signs of overheating to conductors/terminations (526.1) | Pass |
| 10.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | |
| 10.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3) | Pass |
| 10.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | Pass |
| 10.3 | Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | Pass |
| 10.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2) | N/A |
| 10.5 | Low voltage (e.g. 230 V) socket-outlets sited at least 2.5m from zone 1 (701.512.3) | Pass |
| 10.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | Pass |
| 10.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | Pass |
| 10.8 | Suitability of current-using equipment for particular position within the location (701.55) | Pass |
| 11.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspecti | ons) |
| 11.1 | N/A | N/A |
| 11.2 | N/A | N/A |
| 11.3 | N/A | N/A |
| 11.4 | N/A | N/A |
| 11.5 | N/A | N/A |
| 12.0 | PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S) Where the installation includes additional requirements and recommendations relating to Chapter 82, additional items should be added to the checklist below. | |
| 12.1 | N/A | N/A |
| 12.2 | N/A | N/A |
| 12.3 | N/A | N/A |
| 12.4 | N/A | N/A |
| 12.5 | N/A | N/A |
| Inspect | | , |
| Name: | | 4/08/2024 |
| OUTCOM | | |
| Acceptal | ole PASS Unacceptable C1 or C2 Improvement C3 Further FT Not N/V Limitation LTM | lot icable N/A |
| | is based on the model shown in Appendix 6 of BS 7671:2018+A2:2022. Ref: LFL202409091239081 - Pa | |

| D | ISTRI | BUTION | BOAF | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------|--------------------------|----------|--------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|--------|------------|------------------------|------------------------|--------------|--------|------------------------------|------------|---------|--------------------|----------|------------------|-----------|------------------|-----------|------------|-----------|---------------------|----------------------------|----------------------------|--|
| DB r | eference: | : | | M | IPB | | | | | Lo | cation: | В | asem | nent | Leve | el, Plant | Roor | n | | Supp | olied 1 | from | : | | | M | lain In | com | er | | | |
| Distrib | ution circ | uit OCPD: | BS (E | N): | | | 609 | 947-2 | 2 M | ССВ | | | Т | ype: | | - | Rati | ng/S | ettin | g: | 400 |) A | | No | of p | hases | : | 3 | | | | |
| SPD D | etails: T | vpes: | T1 N | I/A | T2 | N/A | Т | 3 | ✓ | Ν | I/A N/A | | | | | ndicator | | | | | N/A | 4 | | | | | | | | | | |
| | | supply pol | | √ | | | | | of r | | sequenc | | | Tur ✓ | iction | ality ind | icator | pres | sent) | , | ,. | | Zs at | - DR | (| 2 80.0 | | 1. | of at I | OR: | 5.86 | 5 kA |
| | | | | | | | | | | | | | | v | | | | | | | | | 25 at | . 00. | | 2 00.0 | | ' | Ji at i | <i>)</i> D. | 3.00 |) KA |
| S | CHEDU | JLE OF C | IRCU | II DE | IAI | LS F | | CUIT I | | | ULIS | | | | | | | | | | | | | т | FST D | FSIII T | DETAILS | | | | | |
| | | | | | | Cond | uctor d | | J_ 1 A 1 | (s) | Overcurr | ent pi | rotectiv | re dev | rice | | RCD | | | | Con | tinuity | (Ω) | • | | | sistance | | Zs | RC | D / | AFDD |
| | | | | | | Р | | | nber size | | | | | | | | | | | Ring | final ci | ircuit | R ₁ + | | | | | | | | | E |
| lber | | Circuit descr | ription | | bu | netho | pe | | | nect t | | | | (\ | Zs (Ω) | | | ating A) | | | | | Oi | 142 | () | (MΩ) | Earth (MΩ) | ξ | (a) | uo | tick) | : butto tick) |
| Circuit number | | | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | | g (A) | Breaking capacity (kA) | Maximum permitted 7 | 2 | | Rated operating current (mA) | (A) | (line) | rn (neutral) | () | 2 | | Test voltage (V) | Live (MΩ) | Eart | ty (tick) | num ured (| Disconnection time (ms) | button ation (tick) | Manual test button operation (tick) |
| Circui | | | | | Туре | Refer | Numb | Live (| cpc (r | Max c | BS (E | Туре | Rating (A) | Break capac | Maxir | BS (EN) | Туре | Ratec | Rating (A) | r1 (lir | rn (ne | r2 (cpc) | R1+R2 | R2 | Test v | Live - | Live - | Polarity | Maximum measured | Disco | Test buttor operation (| Manu opera |
| 1 TP | 3rd Floor | DB | | | F | E | 1 | 35 | 25 | 5 | 60947-2 | В | 100 | 33 | 0.44 | | | | | | | | 0.02 | | 500 | > 999 | | | | | | |
| 2 TP | 2nd Floor | r DB | | | F | Е | 1 | 35 | 25 | 5 | 60947-2 | В | 100 | 33 | 0.44 | | | | | | | | 0.01 | | 500 | > 999 | | | | | | |
| 3 TP | 1st Floor | DB | | | F | Е | 1 | 35 | 25 | 5 | 60947-2 | В | 100 | 33 | 0.44 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.15 | | | |
| 4 TP | Ground F | loor DB | | | F | E | 1 | 35 | 25 | 5 | 60947-2 | В | 100 | 33 | 0.44 | | | | | | | | 0.04 | | 500 | > 999 | > 999 | ✓ | 0.12 | | | |
| 5 TP | Basemen | t Level DB | | | F | E | 1 | 35 | 25 | 5 | 60947-2 | В | 100 | 33 | 0.44 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.20 | | | |
| 6 TP | Plant Roo | om DB | | | F | E | 1 | 35 | 25 | 5 | 60947-2 | В | 100 | 33 | 0.44 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.10 | | | |
| 7 TP | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 TP | 4th Floor | DB | | | F | Е | 1 | 35 | 25 | 5 | 60947-2 | В | 100 | 33 | 0.44 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.10 | | | |
| 9 TP | Lift | | | | F | E | 1 | 16 | 16 | 5 | 60947-2 | В | 25 | 33 | 1.75 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.21 | | | |
| 10 TP | Lift | | | | F | E | 1 | 16 | 16 | 5 | 60947-2 | В | 25 | 33 | 1.75 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | | A Thermoplast | | B Thermo | plastic | | | C ermopla | | | D Thermopla | | | | E rmopla | | Thern | F | tic | Tho | G rmoset | tting | | H Mine | | | | C |) - Oth | | | |
| WIR | | insulated/shea cables | thed | cable: metallic | | t | | etallic | | t | cables i metallic tru | | n | | tallic tr | | | A cable | | | WA cat | | ins | | d cable | s | | | N/A | | | |
| | | S OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | t instrumen | its usea | (serial | | or as: 2673 | | umbe | ers): | T | nsulation | resis | tance | ٠. | | | | | | | | | Cor | ntinui | tv. | | | | | | | |
| | | resistance: | | | 102 | 2073 | , J - | | | | arth fault | | | | ice. | | | | | | | | RCI | | | | | | | | | - |
| | | | | | | | | | | | aren ruult | | | - Guul | | | | _ | | | | | | | | | | | | | | |
| Nam | ESTED | | n Mcke | OWE | | ח | ositio | nn : | | | Elect | ricia | n | | | Sign | ature | | | | u l | JC I | u | | | | Date | ٠. | 24 | /ne / | 2024 | |
| | | ed on the n | | | Appe | | | | 671: | 2018 | | | 111 | | | Sigi | acure | • | | | (- (,) | | | Re | f: LFI | 2024 | 09091 | | | | | |

| S | CHEDULE OF CIRCUIT | DETAL | LS | AND | | SII | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------------------------|---|------------------|----------------------------|---|------------------------|--|-------------------------------------|--------|------------|---------------------------|--------------------------------------|----------|-------|-----------------------------|------------|-----------|------------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | eference: | МРВ | | | | | Lo | cation: | В | asen | nent | Leve | el, Plan | t Roo | m | | Supp | olied | from | : | | | M | lain Ir | ncom | er | | | |
| | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | .s | | | | |
| | | | Cond | ductor o | letails | | (s) | | rent p | rotecti | ve dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insul | ation res | istance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Type | Rated operating | Rating (A) | rı (line) | rn (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 TP | Surge Protection | F | E | 1 | 25 | 25 | 5 | 60947-2 | В | 100 | 33 | 0.44 | | | | | | | | 0.03 | | 500 | > 999 | > 999 | ✓ | 0.11 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES TYPI WIR | OF insulated/sheathed | B hermoplastic cables in etallic condui | | | C ermopl cables etallic | | it | Thermopla cables metallic tru | in | r | c | E rmopla ables ir tallic tr | n | | F mopla /A cab | | | G ermose WA cal | | ins | Mino sulate | | es | | | O - Oth N/A | | | |

| | DISTRIBUTION BO | ARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------------------------|------------|-----------------------|------------------|----------------------------|-------------------|------------------------|-----------------------------------|--------------------------|-------|------------|----------|--------------------------|------------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|---------------|------------------|---------------------------|--------------------------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|--|--|--|--|--|
| DB r | reference: | Plant | Room | DB | | | | Loc | cation: | В | aser | nen | t Lev | el, Plant I | Roor | n | | Supp | lied | from | : | | | | MPB, | 5TP |) | | | | | | | | |
| Distrib | oution circuit OCPD: BS | 5 (EN): | | | 60 | 947- | 2 M | ССВ | | | - | Туре | : | | Ratii | ng/S | ettin | ıg: | 100 |) A | | No | o of p | hases | : | 3 | | | | | | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A ✓ | | | | | indicator on ality indicator | | | | | N/A | А | | | | | | | | | | | | | | | |
| Confir | mation of supply polarity | ✓ | | Co | onfirn | natio | n of _l | ohase | e sequenc | е | | √ | | | | | | | | | Zs at | t DB: | : (| 0.10 ⊆ | 2 | I | pf at | DB: | 4.7 | '8 kA | | | | | |
| S | SCHEDULE OF CIRC | CUIT D | ETAI | LS | AND | TE | STI | RES | ULTS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETA | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAILS | S | | | | | | | | | |
| | | | | Cond | luctor o | details | | (s) | Overcurr | ent p | rotecti | ive de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | CD | AFDD | | | | | |
| | | | | þ | | | mber I size | ect time y BS7671 | | | | | | | | | | Ring | final c | ircuit | R ₁ + | | | | | | | | | uo | | | | | |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | (کر | cpc (mm ²) | Max disconnect to permitted by BS | BS (EN) | Туре | Rating (A) | Breaking | Maximum permitted Zs (Ω) | BS (EN) | Type | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | | | | | |
| 1 L1 | BMS | | Α | В | 1 | 16 | 16 | 5 | 60898 | В | 63 | 10 | 0.69 | | | | | | | | 0.01 | | 500 | 00 > 999 > 999 ✓ 0.10 | | | | | | | | | | | |
| 1 L2 | Roller Shutter | | А | В | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | 999 > 999 	 0.10 999 > 999 	 0.27 | | | | | | | | | | |
| 1 L3 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 TP | Booster Pump | | А | В | 1 | 2.5 | 2.5 | 0.4 | 60898 | С | 20 | 10 | 1.09 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.23 | | | | | | | | |
| 3 L1 | Sockets Below DB | | А | В | 4 | 2.5 | 1.5 | 0.4 | 61009 | В | 20 | 10 | 2.19 | 61009-B | Α | 30 | 20 | | | | 0.5 | | 500 | > 999 | > 999 | ✓ | 0.15 | 19.2 | ✓ | | | | | | |
| 3 L2 | Air Con | | G | Е | 1 | 4 | 4 | 0.4 | 60898 | В | 32 | 10 | 1.37 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | | | | | | |
| 3 L3 | Plant Room Lights | | А | В | 3 | 1.5 | 1.5 | 0.4 | 60898 | С | 10 | 10 | 2.19 | | | | | | | | 0.12 | | 500 | LIM | > 999 | ✓ | 0.22 | | | | | | | | |
| 4 L1 | Fire Alarm | | 0 | В | 2 | 1.5 | 1.5 | 0.4 | 60898 | С | 10 | 10 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.23 | | | | | | | | |
| 4 L2 | Nimbus Panel | | Α | В | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.19 | | | | | | | | |
| 4 L3 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B noplastic | | Th | C ermop | lactic | | D Thermopla | ectic | | Th | E iermopla | astic | | F | | | G | | | · | 1 | | | (| O - Oth | er | | | | | | | |
| TYP | insulated/sheathed cables | cab | les in c conduit | | | cables | | it | cables i metallic tru | n | | | cables etallic t | in | Thern /SWA | noplas A cabl | | | rmose NA cat | | in | Min sulate | eral d cable | es | | | N/A | ١ | | | | | | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us | sed (seria | | | | umb | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinu | ity: | | | | | | | | | | | | |
| Earth | electrode resistance: | | | | | | | E | arth fault | loop | imp | eda | nce: | | | <u>-</u> | | | | | RCI | D: | | | | | | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | | | Positi | | | | Elect | | n | | | Signa | ture | : | | | H. | uce | u | - | | | Date | e: | 24 | /08/ | 2024 | 4 | | | | | |
| This for | rm is based on the mode | l shown i | in Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref | : LFL2 | 20240 | 90912 | 3908 | 31 - P | age: | 10 o | f 253 | | | | | |

| S | CHEDULE | OF CIRC | UIT DE | RES | ULTS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---------------|-----------------------------------|-----------------------------|----------------|------------------|----------------------------|--------------------------------|------------------------|--|------------------------------------|---------|------------|---------------------------|------------------------------------|----------|-------|----------------------|------------|-----------|-----------------|--------------|-------|-----------------------------------|------------------|---------------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | | Plant R | oom | DB | | | | Loc | cation: | В | asen | nent | Leve | el, Plan | t Ro | om | | Supp | olied | from | : | | | | MPB, | 5TP | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor d | letails | | (s) | Overcur | rent pr | rotectiv | ve dev | /ice | | RC | D | | | Con | tinuity | ' (Ω) | | Insula | ation res | sistance | | Zs | RC | CD | AFDD |
| Circuit number | Circu | it description | | Type of wiring | Reference method | Number of points served | Live (mm ²) pue mn | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | | lype Rated operating | Rating (A) | r1 (line) | rn (neutral) pu | ircuit (cbc) | R1+R2 | +R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 5 L1 | Unknown | | | Α | В | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | - | | | | | | LIM | | 500 | > 999 | > 999 | LIM | LIM | | | |
| 5 L2 | Spare | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | |
| 5 L3 | Spare | | | | | | | | | | | | | | | _ - | | | | | | | | | | | | | | | |
| 6 L1 | Unknown | | | А | В | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | - | | | | | | LIM | | 500 | > 999 | > 999 | LIM | LIM | | | |
| 6 L2 Spare 6 L3 Spare | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | |
| 6 L3 | | | | | | | | | | | | - | | | | | | | | | | | | | | | | | | | |
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| | | A | В | | | | С | | | D | | | | E | | | F | | | G | | | ŀ | 1 | | | C |) - Oth | er | | |
| TYP | E OF insulate | moplastic ed/sheathed ables | Thermo cable metallic | s in | | (| ermopla cables i etallic | in | it | Thermopl cables metallic tru | in | r | C | ermopla cables in etallic tr | | | ermopla WA cab | | | rmose WA cal | | in | Min sulate | eral d cable | es | | | N/A | | | |

| D | DISTRIBUTION | BOAR | SD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-----------------------|--------------------------------------|----------------|------------------|----------------------------|--|------------------------|--|--|--------|------------|---------------------------|---|-----------------------------|---------------|------------------------------|------------|-----------|------------------------------|-------------|--------------------------------|-----------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Ва | asemen | t Leve | el DB | 1 | | | Lo | cation: B | asem | ent Le | vel, S | auna A | rea, Electric | cal Cup | oboar | d | Supp | lied f | rom | : | | | | МРВ, | 4TP | | | | |
| Distrib | oution circuit OCPD: | BS (E | N): | | | 609 | 947- | 2 M | ССВ | | | Т | ype: | | - | Ratii | ng/S | ettin | g: | 100 | Α | | No | of p | hases | : | 3 | | | | |
| SPD D | etails: Types: | T1 N | I/A | Τ2 | N/A | Т | 3 | √ | N | /A N/A | | | | | ndicator of ality indicator | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pol | arity | √ | | Со | nfirn | natior | n of p | hase | sequenc | e | | √ | | , | | | , | | | | Zs at | DB: | C | 0.20 | Ω | Ιŗ | of at | DB: | 2.3 | 2 kA |
| S | CHEDULE OF C | CIRCU | IT DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Condu | uctor c | letails | | (s) | Overcurr | ent pr | otecti | ve dev | ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ition re | sistance | | Zs | RC | D | AFDD |
| Circuit number | Circuit desc | ription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) pu | rcuit (cbc) | R ₁ +R ₂ | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 L1 | Lighting - Sun bed Are | ea | | D | В | 6 | 1.5 | 1.0 | 0.4 | 61009 | С | 10 | 10 | 2.19 | 61009-C | Α | 30 | 10 | | | | 0.57 | | 500 | LIM | > 999 | ✓ | 0.77 | 14.1 | ✓ | |
| 1 L2 | Lighting - Gym | | | D | В | 12 | 1.5 | 1.0 | 0.4 | 61009 | С | 10 | 10 | 2.19 | 61009-C | А | 30 | 10 | | | | 1.03 | | 500 | LIM | > 999 | ✓ | 1.23 | 18.8 | ✓ | |
| 1 L3 | Lighting - Meeting a r | oom | | D | В | 4 | 1.5 | 1.0 | 0.4 | 61009 | С | 10 | 10 | 2.19 | 61009-C | Α | 30 | 10 | | | | 0.60 | | 500 | LIM | > 999 | ✓ | 0.80 | 18.4 | ✓ | |
| 2 L1 | Lighting - Pool Table | | | D | В | 4 | 1.5 | 1.0 | 0.4 | 61009 | С | 10 | 10 | 2.19 | 61009-C | А | 30 | 10 | | | | 0.51 | | 500 | LIM | > 999 | ✓ | 0.71 | 14.9 | ✓ | |
| 2 L2 | Lighting - Cinema | | | D | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | А | 30 | 10 | | | | 0.89 | | 500 | LIM | > 999 | ✓ | 1.09 | 18.5 | ✓ | |
| 2 L3 | Lighting - Shower Ste | am Roon | n | D | В | 4 | 1.5 | 1.0 | 0.4 | 61009 | С | 10 | 10 | 2.19 | 61009-C | А | 30 | 10 | | | | LIM | | 500 | LIM | LIM | LIM | LIM | 19.5 | ✓ | |
| 3 L1 | Lighting - Communal | Area | | D | В | 14 | 1.5 | 1.0 | 0.4 | 61009 | С | 10 | 10 | 2.19 | 61009-C | А | 30 | 10 | | | | 1.48 | | 500 | LIM | > 999 | ✓ | 1.68 | 18.6 | ✓ | |
| 3 L2 | Lighting - Back of Hou | use | | D | В | 4 | 1.5 | 1.0 | 0.4 | 61009 | С | 10 | 10 | 2.19 | 61009-C | Α | 30 | 10 | | | | 0.77 | | 500 | LIM | > 999 | ✓ | 0.97 | 20.2 | ✓ | |
| 3 L3 | Lighting - Seating Are | a & Stair | case | D | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.16 | | 500 | LIM | > 999 | ✓ | 1.36 | 16.7 | ✓ | |
| 4 L1 | Lighting - Communal | Area | | D | В | 10 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.99 | | 500 | LIM | > 999 | ✓ | 1.19 | 18.3 | ✓ | |
| TYP | A S FOR Thermoplas E OF insulated/shea RING cables | thed | B Thermop cables metallic c | in | | (| C ermople cables etallic | in | t | D Thermopla cables i metallic tru | n | r | С | E rmopla ables ir tallic tr | n | Thern /SW/ | F noplas A cabl | | | G rmoset WA cab | | ins | Mine sulated | | S | | O |) - Oth N/A | | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumer | nts used | - | | | | umbe | ers): | т. | anulation | roc! - | + | | | | | | | | | | Carr | stin. | + | | | | | | | |
| | unctional: | | | 1022 | 26/3 | 94 | | | | nsulation | | | | | | | - | | | | | | ntinui | ıy: | | | | | | | - |
| | electrode resistance | • | | | | | | | | arth fault | 100p | imp | eaan | ice: | | | _ | | | | | RCI | J: | | | | | | | | |
| | ESTED BY | - 04-1 | | | _ | :+· | | | | - 1 | | | | | C: =- | . b. , | | | | 11 1 | IC I | u_ | | | | D=1 | | 2.4 | 100 1 | 202 | |
| Nam | rm is based on the r | n Mcked | | Anno | | ositio | | 671. | 2019 | Elect | | n | | | Signa | ure | • | | | Μ, Λ | 1 TO | <u> </u> | | LELS | 00240 | Date 90912 | | | /08/2 | | |
| 113 101 | iii is baseu oii tile l | nou c i si | IO WILL III | whhe | IIUIX | 0 01 | ر در | υ/Ι. | ~ O T C | 174.202 | ۷. | | | | | | | | | | | | IVCI. | LI LZ | -0240 | ノしラエム | 2200 | T - L | uye. | 12 UI | 200 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS MPB, 4TP DB reference: **Basement Level DB** Location: Basement Level, Sauna Area, Electrical Cupboard Supplied from: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device **RCD** Continuity (Ω) Insulation resistance Zs RCD AFDD Max disconnect time permitted by BS7671 Number R₁+R₂ Ring final circuit method and size or R₂ Test button operation (tick) Manual test butt operation (tick) Disconnection time (ms) numbe (S) Circuit description of wiring Rated operating current (mA) (tick) (mm²) voltage Earth (mm²) r of serve Live Maximum measured (Reference 3 Breaking capacity ((neutra (EN) (EN) (line) Polarity (cbc) Circuit Rating Rating Type (Type Live Type cbc BS BS 덛 ے 2 Lighting - Mains Cupboard D В 2 4 L2 1.5 1.0 0.4 60898 В 6 6 7.28 0.34 500 LIM > 999 0.54 4 L3 Sockets - Meeting Room 1 D В 8 2.5 1.5 0.4 61009 В 20 10 2.19 61009-B 30 20 1.18 500 > 999 > 999 1.38 18.0 Α 5 L1 Sockets - Lounge D 2.5 1.5 0.4 61009 20 10 2.19 61009-B 30 20 0.31 500 > 999 > 999 0.51 18.6 В 6 В Α ------------D 61009 61009-B 30 5 L2 Sockets - Laundry В 2 2.5 1.5 0.4 В 20 10 2.19 Α 20 ------0.45 500 > 999 > 999 0.65 15.3 ---5 L3 Sockets - Gym 1 D В 2.5 1.5 0.4 61009 20 10 2.19 61009-B 30 20 0.34 500 > 999 > 999 0.54 18.5 4 В Α 6 L1 Sockets - Gym 2 D В 4 2.5 1.5 0.4 61009 В 20 10 2.19 61009-B Α 30 20 1.04 500 > 999 > 999 1.24 14.0 Sockets - Cinema 61009 2.19 61009-B 30 6 L2 D В 2.5 1.5 0.4 В 20 10 Α 20 0.60 500 > 999 |> 999 0.80 14.1 6 ---------6 L3 Sockets - Meeting Rooms 2 D В 6 2.5 1.5 0.4 61009 В 20 10 2.19 61009-B Α 30 20 0.60 500 > 999 > 999 1.38 13.7 7 L1 D 2 2.5 60898 1.37 0.35 500 > 999 Comms В 1.5 0.4 С 16 6 > 999 0.55 7 L2 Spare ------------------------7 L3 Sockets - Communal Area D В 8 2.5 1.5 0.4 61009 В 20 10 2.19 61009-B 30 20 0.57 500 > 999 > 999 0.77 17.8 Α ✓ ------Sockets - General Spa D 2.5 1.5 0.4 20 10 61009-B 30 20 0.32 > 999 > 999 0.52 14.8 8 L1 В 4 61009 В 2.19 Α 500 8 L2 Heated Bed 1 D В 2.5 1.5 0.4 61009 20 10 2.19 61009-B 30 20 LIM 500 LIM LIM LIM 18.6 В Α LIM 1 ---------Heated Bed 1 61009 61009-B LIM LIM 18.8 8 L3 D В 1 2.5 1.5 0.4 В 20 10 2.19 Α 30 | 20 LIM 500 LIM LIM ------------9 L1 Sockets - Managers Office 1 D 2.5 1.5 20 10 61009-B 30 20 18 В 6 0.4 61009 В 2.19 0.37 500 > 999 > 999 0.61 9 L2 Sockets - Managers Office 2 D В 6 2.5 1.5 0.4 61009 В 20 10 2.19 61009-B Α 30 | 20 0.41 500 > 999 > 999 0.58 16.8 ------------D 61009 32 30 9 L3 Laundry 1 В 1 6 2.5 0.4 В 10 1.37 61009-B Α 32 ------0.26 500 > 999 > 999 0.46 14.6 ---2.5 0.4 10 L1 Laundry 2 D В 1 61009 В 32 10 1.37 61009-B Α 30 32 0.29 500 > 999 > 999 0.49 18.9 6 ---------10 L2 Laundry 3 D В 1 6 2.5 0.4 61009 В 32 10 1.37 61009-B Α 30 | 32 0.32 500 > 999 > 999 0.52 17.8 D В 2.5 0.4 61009 32 10 1.37 61009-B 30 32 0.37 > 999 | > 999 0.57 18.0 10 L3 Laundry 4 В 500 1 6 Α ---11 L1 | Fire Shutter D В 2 2.5 1.5 0.4 60898 C 16 6 1.37 0.29 500 > 999 |> 999 0.49 В G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed cables in cables in cables in cables in N/A /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

| 2 | CHEDULE OF CIRC | OTI DE | IAI | LS I | AINL | | <u> </u> | (ES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-------------------------|--------------------------------|----------------|------------------|-------------------------|-----------------------------|------------------------|--|---------------------------------------|--------|------------|---------------------------|---------------------------------|---------------|---------------|------------------------------|------------|-----------|-----------------|--------------|-------|-----------------------------------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | eference: | Basemen | t Lev | el DE | 3 | | | Loc | cation: B | Basem | nent Le | vel, S | auna A | rea, Electrio | al Cup | oboar | d | Supp | olied | from | : | | | | MPB, | , 4TF |) | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcur | rent p | rotecti | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | CD | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 L2 | Staff Room DB | | D | В | 1 | 10 | 4 | 0.4 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | | | ✓ | |
| 11 L3 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 TP | Sauna | | D | В | 2 | 4 | 4 | 0.4 | 60898 | В | 20 | 10 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | |
| 13 TP | Steam | | D | В | 2 | 4 | 4 | 0.4 | 60898 | В | 20 | 10 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 14 L1 | Door Access | | D | В | 2 | 2.5 | 1.5 | 0.4 | 60898 | С | 10 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 14 L2 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 L3 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L1 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L2 | Aromados Spur | | D | В | 1 | 2.5 | 1.5 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.40 | 18.5 | ✓ | |
| 15 L3 | Meters | | D | В | 1 | 2.5 | 2.5 | 0.4 | 60898 | С | 6 | 10 | 3.64 | | | | | | | | LIM | | 500 | > 999 | > 999 | LIM | LIM | | | |
| 16 TP | Meters | | D | В | 1 | 2.5 | 2.5 | 0.4 | 60898 | С | 6 | 10 | 3.64 | | | | | | | | LIM | | 500 | > 999 | > 999 | LIM | LIM | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | H | 1 | | | | O - Oth | er | | |
| CODE: TYPI WIR | E OF insulated/sheathed | Thermore cables metallic | s in | t | | ermopl cables etallic | in | t | Thermopla cables i metallic tru | in | j r | (| rmopla ables i tallic tr | | Thern /SW/ | noplas A cable | | | rmose WA cal | | in | Min sulate | eral d cable | es | | | N/A | \ | | |

| C | DISTRIBUTION | BOARD I | DETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------|---|------------------|----------------------------|---|------------------------|---|--|--------|------------|---------------------------|--|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|-------------|-------|-----------------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Staf | ff Room | DB | | | | Lo | cation: | | | St | aff Ki | tchen | | | | Supp | olied f | from | : | | | Base | ment | DB - | 11L | 2 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | уре: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pol | arity | ✓ | Сс | onfirn | natio | n of p | hase | e sequenc | е | ſ | N/A | | · | | • | ĺ | | | | Zs at | t DB: | . (|).28 <u>c</u> | 2 | lį | of at | DB: | 0.82 | 4kA |
| S | CHEDULE OF C | IRCUIT | DETAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent pr | otecti | ve dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | .D | AFDD |
| Circuit number | Circuit descr | ription | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | -R2 R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Microwave | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | \checkmark | 0.34 | | | |
| 2 | Kitchen Sockets | | А | С | 3 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 3 | Hob | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 5 | Fridge | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 6 | Lights & Contactor | | A | С | 3 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.39 | | 500 | > 999 | > 999 | ✓ | 0.67 | | | |
| 7 | Spur Store Room | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplast E OF insulated/shea RING cables | thed ca | B rmoplastic ables in allic conduit | | | C ermopl cables etallic | in | t | D Thermopla cables i metallic tru | n | r | (| E ermoplas ables in tallic tru | ı | Therm /SWA | F noplas | | | G rmoset WA cab | | ins | Mine sulated | | s | | C | 0 - Oth N/A | | | |
| | DETAILS OF TES | | | | set n | umb | arc). | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | its useu (sei | 102 | | | amb | | I | nsulation | resis | tanc | e: | | | | - | | | | | Cor | ntinui | ity: | | | | | | | |
| Earth (| electrode resistance: | : | | | | | | | arth fault | | | | ice: | | | _ | | | | | RCI | | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | _ | n Mckeown | 1 | F | Positio | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H.J | w | u | | | | Date | e: | 28 | /08/ | 2024 | |
| his fo | rm is based on the n | nodel shown | in Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL | 20240 | 90912 | 3908 | 81 - P | age: | 15 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IIE | 5 I I | KESL | JL15 | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|----------|------------------------|------------------|----------------------------|--|------------------------|--|--|--------|------------|---------------------------|---|----------|------|-------------------------------|------------|-----------|-------------------------------|-------------|-------|-----------------------------------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Staff Ro | oom | DB | | | | Loc | ation: | | | St | taff K | itchen | | | | Supp | olied 1 | from | : | | | Base | ment | DB - | 11L2 | 2 | | |
| | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | Т | EST RI | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcur | rent p | rotecti | ve dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ition res | sistance | | Zs | RC | .D | AFD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) euij | rcuit (cbc) | R1+R2 | +R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | <u> </u> | | | | | <u> </u> | | | | | | <u></u> | | | | | | | Σ Ε | | | Σ (|
| 12 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
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| TYP | CODES FOR Thermoplastic TYPE OF insulated/sheathed WIRING cables | | lastic in onduit | | (| C ermopla cables i etallic | in | it | D Thermopl cables metallic tru | in | ı | c | E ermopla ables ir etallic tr | n | | F noplas A cable | | | G rmoset WA cab | | in | Mine sulate | | S | | C | o - oth N/A | | | |

| D | DISTRIBUTION | BOAF | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|----------|---------------------------------|----------------|------------------|----------------------------|---|------------------------|--|---------------------------------------|-------|------------|---------------------------|---|---------------------|---------------|------------------------------|------------|-----------|------------------------------|-------------|-------|-----------------|------------------|---------------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Gr | ound Flo | oor Si | ub D | В | | | Lo | cation: | G | rour | nd Fl | oor, I | Electrica | l Ris | er | | Supp | olied | from | : | | | | MPB - | 4TF |) | | | |
| Distrib | oution circuit OCPD: | BS (E | N): | | | 60 | 947- | 2 M | ССВ | | | 7 | ype: | | В | Rati | ng/S | Settir | ıg: | 100 | Α | | No | of p | hases | | 3 | | | | |
| SPD D | etails: Types: | T1 N | N/A - | Γ2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pol | arity | ✓ | | Со | nfirn | natior | n of p | ohase | e sequenc | e | | √ | | , | | | | | | | Zs at | t DB: | . (| 0.12 🖸 | 2 | lį | pf at | DB: | 6.8 | k k A |
| S | CHEDULE OF C | CIRCU | IT DE | ΓΑΙ | LS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT I | DETAILS | 5 | | | | |
| | | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| Circuit number | Circuit desci | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) pun un n | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) eu | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 L1 | Reception DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 45 | | 0.98 | 61009-B | | 30 | | | | | 0. | | 500 | > 999 | > 999 | ✓ | 0. | 18.4 | ✓ | |
| 1 L2 | Near Kitchen DB | | | Α | В | 1 | 16 | 6 | 5 | 61009 | В | 45 | 10 | 0.98 | 61009-B | А | 30 | 45 | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.18 | 18.3 | ✓ | |
| 1 L3 | Far Kitchen DB | | | Α | В | 1 | 16 | 6 | 5 | 61009 | В | 45 | 10 | 0.98 | 61009-B | А | 30 | 45 | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.34 | 17.9 | ✓ | |
| 2 L1 | Room SC-3 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.34 | 18.3 | ✓ | |
| 2 L2 | Room SC-2 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.30 | | 500 | > 999 | > 999 | ✓ | 0.42 | 18.2 | ✓ | |
| 2 L3 | Room SC-4 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | А | 30 | 40 | | | | 0.36 | | 500 | > 999 | > 999 | ✓ | 0.48 | 18.4 | ✓ | |
| 3 L1 | Room SC-1 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.33 | | 500 | > 999 | > 999 | ✓ | 0.45 | 18.4 | ✓ | |
| 3 L2 | Room SC-5 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.46 | 18.3 | ✓ | |
| 3 L3 | Room 9 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.27 | 18.4 | ✓ | |
| 4 L1 | Room SC-6 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.33 | | 500 | > 999 | > 999 | ✓ | 0.45 | 18.4 | ✓ | |
| TYP | A S FOR Thermoplass E OF insulated/shea RING cables | | Thermop cables metallic c | in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | ı | C | E rmopla ables in tallic tr | n | Therr /SW/ | F noplas A cabl | | | G rmoset WA cat | | ins | Mine sulated | | es . | | C | 0 - Oth N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumer functional: | nts used | - | and/c 1022 | | | umbe | ers): | т. | nsulation | rocia | tanc | 0. | | | | | | | | | Cor | ntinui | itve | | | | | | | |
| | electrode resistance | | | 1022 | 20/3 | 594 | | | | | | | | | | | | | | | | RCI | | ity: | | | | | | | - |
| | | • | | | | | | | | arth fault | 1001 | , шир | euai | ice: | | | | | | | | KCI | J. | | | | | | | | |
| Nam | ESTED BY Martin | n Mcke | own | | D | ositio | on: | | | Elect | ricia | n | | | Signa | aturo | | | | u l | JC I | u | | | | Date | ٠. | 20 | 3/08/2 | 2024 | |
| | rm is based on the n | | | Anne | | | | 671 · | 2018 | | | 11 | | | Jigili | acui C | • | | | (-(,) | | | | I FL ? | 20240 | 90912 | | | | | |
| | 54564 511 1116 11 | | | | | 5 51 | JU , | -, | | | | | | | | | | | | | | | | | | | | - ' | ~gc. | _, 51 | _55 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Ground Floor, Electrical Riser MPB - 4TP DB reference: **Ground Floor Sub DB** Location: Supplied from: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device **RCD** Continuity (Ω) Insulation resistance Zs RCD AFDD Max disconnect time permitted by BS7671 Number R1+R2 Ring final circuit method and size or R₂ Test button operation (tick) Manual test butt operation (tick) Disconnection time (ms) numbe (S) Circuit description of wiring Rated operating current (mA) (tick) (mm²) voltage Earth (mm²) r of serve Live Maximum measured (Reference (neutra (EN) (EN) (line) Polarity (cbc) Rating Rating rcuit Type (Live cbc BS BS 덛 ے 2 ₽ 10 5 30 40 4 L2 Room 10 DB Α В 1 4 61009 В 40 10 1.09 61009-B Α 0.32 500 > 999 > 999 0.44 18.3 4 L3 Room 11 DB Α В 10 5 61009 40 10 1.09 61009-B 30 40 0.21 500 > 999 | > 999 0.33 18.2 1 4 В Α 5 L1 Room 7 DB Α 10 4 5 61009 40 1.09 61009-B 30 40 0.27 > 999 В 1 В 10 Α ------500 > 999 0.39 16.9 ---10 5 61009 61009-B 5 L2 Room 12 DB Α В 1 4 В 40 10 1.09 Α 30 40 ------0.15 ---500 > 999 > 999 0.27 14.2 ---5 L3 Room 8 DB 10 4 5 40 10 1.09 61009-B 30 40 0.27 > 999 > 999 0.39 18.2 Α В 1 61009 В Α 500 6 L1 Room 13 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.30 500 > 999 > 999 0.42 18.3 Room 5 DB 5 1.09 61009-B 6 L2 Α В 10 4 61009 В 40 10 Α 30 40 0.22 500 > 999 |> 999 0.34 18.4 1 ---------6 L3 Room 14 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.31 500 > 999 > 999 0.43 18.4 10 5 61009 30 0.28 18.4 7 L1 Room 6 DB Α В 1 4 В 40 10 1.09 61009-B Α 40 0.16 500 |> 999 |> 999 7 L2 Room 15 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.31 500 > 999 > 999 0.43 18.2 Α ---7 L3 Room 4 DB В 10 5 61009 1.09 61009-B 30 0.07 0.19 18.3 Α 1 4 В 40 10 Α 40 500 > 999 > 999 ------10 5 1.09 30 0.24 18.3 8 L1 Room 16 DB Α В 1 4 61009 В 40 10 61009-B Α 40 0.12 500 |> 999 |> 999 8 L2 Room 3 DB В 10 5 61009 40 10 1.09 61009-B 30 40 0.08 > 999 > 999 0.20 18.3 Α 1 4 В Α 500 ------61009-B 0.23 18.2 8 L3 Room 1 DB Α В 1 10 4 5 61009 В 40 10 1.09 Α 30 40 0.11 500 > 999 |> 999 ------------5 Room SH 6 DB 10 61009-B 0.18 18.3 9 L1 Α В 1 4 61009 В 40 10 1.09 30 40 0.06 500 > 999 > 999 5 9 L2 Room 2 DB Α В 1 10 4 61009 В 40 10 1.09 61009-B Α 30 40 0.14 500 > 999 | > 999 0.26 18.3 ------------10 5 9 L3 Room SH 5 DB Α В 1 4 61009 В 40 10 1.09 61009-B Α 30 40 ------0.04 500 > 999 > 999 0.16 18.4 ---В 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.03 500 > 999 > 999 0.15 18.3 10 L1 Room SH 1 DB Α 1 Α ------10 L2 Room SH 3 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.05 500 > 999 > 999 0.17 18.4 10 5 61009 1.09 61009-B 30 0.07 > 999 | > 999 0.19 18.3 10 L3 Room SH 2 DB В В 40 10 40 500 Α 1 4 Α ---11 L1 Room SH 4 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.06 500 > 999 |> 999 0.18 18.4 O - Other В G CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed cables in cables in cables in cables in N/A /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

| CHEDU | LE OF CIRC | OIT DE | IAI | LS / | AND | | 911 | VL3 | OLIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|--|--|--|--|---------------------|--|---------------------|---------------------|---------------------|---------------------------|-----------------------------|--|--|--|---|--|--|---|---|---------|---|---|--|--|--|--|--|--|
| eference: | (| Ground Fl | oor S | ub D | В | | | Loc | cation: | G | rour | nd F | loor, | Electrical | Rise | er | | Supp | olied | from | : | | | | MPB · | - 4TI |) | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | T | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcurr | ent pi | otectiv | /e de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| | Circuit description | | Type of wiring | Reference method | Number of points served | and | | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | | rcuit (cbc) | | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Cleaners S | ocket | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 61009 | В | 20 | 10 | 2.19 | 61009-В | Α | 30 | 20 | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | | | ✓ | |
| Corridor Li | ghts Near | | А | В | 15 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.27 | | 500 | LIM | > 999 | ✓ | 1.39 | 18.1 | ✓ | |
| Corridor Li | ghts Far | | А | В | 25 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.76 | | 500 | LIM | > 999 | ✓ | 1.88 | 17.9 | ✓ | |
| End Corrid | or Stair Lights | | А | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-В | Α | 30 | 10 | | | | 2.07 | | 500 | LIM | > 999 | ✓ | 2.21 | 17.2 | ✓ | |
| Near Stair | Lights | | Α | В | 10 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-В | Α | 30 | 10 | | | | 0.96 | | 500 | LIM | > 999 | ✓ | 1.08 | 14.0 | ✓ | |
| Corridor E | M Lights | | Α | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.75 | | 500 | LIM | > 999 | ✓ | 0.87 | 14.3 | ✓ | |
| Outside Lig | ghts 1 | | А | В | 2 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-В | А | 30 | 10 | | | | LIM | | 500 | LIM | > 999 | LIM | LIM | 17.9 | ✓ | |
| Outside Lig | ghts 2 | | Α | В | 2 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-В | Α | 30 | 10 | | | | LIM | | 500 | LIM | > 999 | LIM | LIM | 18.6 | ✓ | |
| Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Shutte | er | | А | В | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 10 | 2.73 | | | | | | | | 0.46 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| Door Acce | SS | | Α | В | 2 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| RHS Spur | | | А | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.25 | | | |
| LHS Spur | | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| CT Meter | | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60947-2 | С | 6 | 10 | 3.64 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| CT Meter | | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60947-2 | С | 6 | 10 | 3.64 | | | | | | | | 0.04 | | 500 | > 999 | > 999 | ✓ | 0.16 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | ŀ | 1 | | | (| O - Oth | er | | |
| E OF in | Thermoplastic isulated/sheathed cables | cables | s in | | | cables i | in | it | Thermopla cables i | n | r | | cables i | n | | | | | rmose | | in | Min | eral | s | | | | | | |
| | Corridor Li Corridor Li End Corrid Near Stair Corridor E Outside Li Spare Fire Shutte Door Acce RHS Spur LHS Spur CT Meter CT Meter | Circuit description Cleaners Socket Corridor Lights Near Corridor Lights Far End Corridor Stair Lights Near Stair Lights Corridor EM Lights Outside Lights 1 Outside Lights 2 Spare Fire Shutter Door Access RHS Spur LHS Spur CT Meter CT Meter CT Meter Thermoplastic insulated/sheathed | Circuit description Cleaners Socket Corridor Lights Near Corridor Lights Far End Corridor Stair Lights Near Stair Lights Corridor EM Lights Outside Lights 1 Outside Lights 2 Spare Fire Shutter Door Access RHS Spur LHS Spur CT Meter CT Meter S FOR Thermoplastic insulated/sheathed insulated/sheathed | Circuit description Circuit description Cleaners Socket Corridor Lights Near Corridor Lights Far A End Corridor Stair Lights A Corridor EM Lights A Corridor EM Lights A Coutside Lights 1 A Coutside Lights 2 A Spare Fire Shutter A Corridor A Corridor A Coutside Lights 1 Coutside Lights 1 Coutside Lights 2 A Coutside Lights 1 A Coutside Lights 1 A Coutside Lights 1 A Coutside Lights 2 A Coutside Lights 2 A Coutside Lights 1 A Coutside Lights 1 A Coutside Lights 1 A Coutside Lights 2 A Coutside Lights 1 A Coutside Lights 2 A Coutside Lights 1 A Coutside Lights 1 A Coutside Lights 1 A Coutside Lights 1 A Coutside Lights 2 A Coutside Lights 1 A C | Circuit description A B Corridor Lights Near A B Corridor EM Lights A B Corrido | Circuit description Conductor of the pure shadow of the p | Circuit description | Circuit description | Circuit description | Circuit description | Circuit description | Circuit description | Circuit description | Contine Cont | Correction Circuit description Circuit | Control Circuit description Circuit de | Control Flower Flower | Circuit description Part Part | Supply S | Circuit description Circuit description | Curcuit description Curcuit description | Caronia | Care Care | Careline Careline | Caralle Cara | Parish P | Circuit description Page 14 Pa | Parish P | Parish P | Change C |

| D | ISTRIBUTIO | N BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------------------|-----------|---------------------------------|----------------|------------------|----------------------------|--|------------------------|--|---------------------------------------|-------|------------|---------------------------|------------------------------------|-----------------------|---------------|-------------------------------|------------|-----------|------------------------------|-------------|-------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB re | eference: | S | H Near H | (itche | en DE | 3 | | | Lo | cation: G | roun | d Flo | or, R | edgra | ive Suite | e, SH k | (itch | en | Supp | olied 1 | from | : | | Gro | ound | Floor | Sub | DB - | 1L2 | | |
| Distrib | ution circuit OCPD | : BS (I | EN): | | | 610 | 09 R | CD/F | RCBO |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 | N/A | T2 | N/A | 7 | -3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation of supply p | olarity | ✓ | | Co | nfirn | natior | n of p | ohase | e sequenc | е | N | I/A | | | | | | | | | Zs at | DB: | C |).18 🛭 | 2 | lţ | of at | DB: | 1.2 | 7 kA |
| S | CHEDULE OF | CIRCL | JIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | 5 | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcurr | ent p | otectiv | e dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | tion res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit de: | scription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) eui | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (ΜΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven 1 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | | 0.40 | | | |
| 2 | Oven 2 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.24 | | | |
| 3 | Kitchen Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 4 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.18 | | | |
| 5 | Cleaners Socket | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 6 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 7 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 8 | TV | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 9 | Lights & Contactor | | | Α | С | 10 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.49 | | 500 | > 999 | > 999 | ✓ | 0.67 | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | OF insulated/sh | eathed | Thermop cables metallic o | s in | : | | C ermople cables etallic | in | it | Thermopla cables i metallic tru | n | n | C | E ermopla ables in | า | Thern /SW/ | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | 5 | | 0 | o - Oth N/A | | | |
| D | ETAILS OF T | EST IN | ISTRUI | MEN | TS | | | | | | | | | | | | | | | | | 1 | | | <u> </u> | | | | | | |
| | ils of test instrume | | | and/d | or as | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-fu | unctional: | | | 1022 | 2673 | 394 | | | I | nsulation | resis | tance | e: | | | | - | | | | | Cor | tinui | ty: | | | | | | | |
| Earth e | electrode resistanc | e: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Mart | in Mcke | eown | | Р | ositi | on: | | | Elect | ricia | n | | | Sign | nature | : | | | H. J | ll | u | | | | Date | e : | 28 | /08/ | 2024 | |
| his for | m is based on the | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 0240 | 90912 | 3908 | 1 - P | age: | 20 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Redgrave Suite, SH Kitchen Supplied from: Ground Floor Sub DB - 1L2 **SH Near Kitchen DB** DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Z_S RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Disconnection time (ms) Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ---------------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking cables metallic conduit nonmetallic conduit metallic trunking

| DISTRIBUTION BOARD DETAILS DB reference: Room SH 1 DB Location: Ground Floor, Redgrave Suite, Room SH 1 Supplied from: Ground Floor Sub DB - 10L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|-----------------------------------|----------|-------------------------------|-----------------|------------------|----------------------------|-------------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|--|------------------------|---------------|------------------------------|------------|-----------|-----------------------------|----------|------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB re | eference: | | | Room | SH 1 I | DB | | | | Loc | ation: G | roun | d Flo | or, R | Redgra | ve Suite | , Rooi | m SH | 11 | Supp | olied | from | : | | Gro | ound F | loor S | Sub I | DB - : | 10L1 | | |
| Distribu | ution circu | uit OCPD: | BS (I | EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | : E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Ty | /pes: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/ | Д | | | | | | | | | | |
| Confirn | nation of | supply po | larity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | . (| 0.15 🖸 | 2 | lį | pf at I | DB: | 1.50 |) kA |
| S | CHEDU | LE OF (| CIRCL | JIT DE | TAI | LS A | AND | TE | ST I | RES | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | e dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDD |
| | | | | | | pou | | | nber size | : time S7671 | | | | | (a) | | | _ | | Ring | final c | ircuit | R ₁ + or | -R2 R2 | | | (a | | | | | tton |
| Circuit number | | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Soc | kets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 3 | Lights & C | ontactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.39 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | OF i | A Thermoplas nsulated/shea cables | | Thermop cables metallic | olastic s in | | Č | cermople cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| E ermoplas cables in etallic tru | 1 | Thern /SWA | F noplas A cable | | | G rmose WA cab | | ins | Mine sulated | | s | | C | O - Oth N/A | | | |
| D | ETAILS | OF TE | ST IN | ISTRUI | MEN | TS | | | | | | | | | | <u> </u> | | | | | | | | | | <u> </u> | | | | | | |
| | | instrumer | nts use | - | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Պulti-fւ | ınctional: | | | | 1022 | 2673 | 394 | | | Ir | sulation | resis | stance | e: | | | | - | | | | | Cor | ntinui | ity: | | | | | | | |
| Earth e | lectrode | resistance | : | | | | | | | E | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | | | n Mcke | | | | ositio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | uci | u | | | | Date | | | /08/ | | |
| his for | m is base | d on the r | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 31 - P | age: | 22 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Redgrave Suite, Room SH 1 Supplied from: Ground Floor Sub DB - 10L1 Room SH 1 DB DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Z_S RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ------------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking metallic conduit nonmetallic conduit metallic trunking

| DISTRIBUTION BOARD DETAILS DB reference: Room SH 2 DB Location: Ground Floor, Redgrave Suite, Room SH 2 Supplied from: Ground Floor Sub DB - 10L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|---|----------|---------------------------------|-----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|---|------------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|--------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | | | Room | SH 2 I | DB | | | | Loc | ation: G | roun | d Flo | or, R | Redgra | ve Suite | , Rooi | m SH | 12 | Supp | olied | from | : | | Gro | ound F | loor S | Sub I | DB - 1 | 10L3 | | |
| Distrib | ution circui | t OCPD: | BS (E | ĒN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | : E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Typ | es: | T1 1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of su | apply pol | arity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.19 🖸 | 2 | lį | of at [| DB: | 1.18 | 3 kA |
| S | CHEDUL | E OF C | IRCU | IT DE | TAI | LS / | AND | TE | ST I | RES | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | e dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | | | por | | | nber size | time S7671 | | | | | (a | | | | | Ring | final ci | ircuit | R ₁ + or l | R ₂ | | | (č | | | | | ton |
| Circuit number | (| Circuit descr | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Socke | ets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.27 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 3 | Lights & Co | ntactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF ins | A Thermoplast ulated/shea cables | | Thermop cables metallic o | olastic s in | | (| cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| E ermoplas cables in etallic tri | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | s | | C | N/A | | | |
| D | ETAILS | OF TES | ST IN | STRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test in | nstrumen | its used | - | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | | | 1022 | 2673 | 394 | | | | sulation | | | | | | | - | | | | | | itinui | ity: | | | | | | | |
| Earth e | electrode re | sistance: | • | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED E | SY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Martin | | | | | ositio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | W | u | | | | Date | | | /08/2 | | |
| his for | m is based | on the m | nodel s | hown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 31 - Pa | age: | 24 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Redgrave Suite, Room SH 2 Supplied from: Ground Floor Sub DB - 10L3 **Room SH 2 DB** DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Z_S RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ---------------------------14 Spare ---O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking metallic conduit nonmetallic conduit metallic trunking

| DISTRIBUTION BOARD DETAILS DB reference: Room SH 3 DB Location: Ground Floor, Redgrave Suite, Room SH 3 Supplied from: Ground Floor Sub DB - 10L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|---|---------|---------------------------------|-----------------|------------------|-------------------------|-------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|---|------------------------|---------------|-------------------------------|------------|-----------|------------------------------|----------|------------------------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | | | Room | SH 3 I | DB | | | | Loc | ation: G | roun | d Flo | or, R | edgra | ve Suite | , Rooi | m SH | 13 | Supp | olied | from | : | | Gro | ound F | loor S | Sub I | DB - 1 | LOL2 | | |
| Distrib | ution circui | t OCPD: | BS (E | EN): | | | 610 | 09 R | CD/F | RCBC | | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Typ | es: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | Д | | | | | | | | | | |
| Confirr | mation of s | upply pol | arity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | . (| 0.17 🤉 | 2 | lį | pf at I | OB: | 1.33 | 3 kA |
| S | CHEDUL | E OF C | IRCU | JIT DE | TAI | LS A | AND | TE | ST I | RES | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| | | | | | | por | | | nber size | : time S7671 | | | | | (a) | | | 0 | | Ring | final ci | ircuit | R ₁ + or | -R ₂ R ₂ | | <u> </u> | (a | | | | | tton |
| Circuit number | | Circuit desci | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sock | ets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.43 | | 500 | > 999 | > 999 | ✓ | 0.60 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 3 | Lights & Co | ntactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF ins | A Thermoplas sulated/shea cables | | Thermop cables metallic o | olastic s in | | (| cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| E ermoplas cables in etallic tru | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | in | Mine sulated | | s | | C | o - Oth N/A | | | |
| D | ETAILS | OF TES | ST IN | STRUI | MEN | TS | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| | ils of test i | | | d (serial | and/d | or as | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| اulti-fر | unctional: | | | | 1022 | 2673 | 94 | | | Ir | sulation | resis | stance | e: | | | | - | | | | | Cor | ntinui | ity: | | | | | | | |
| Earth e | electrode re | esistance | : | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED E | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: | Martir | n Mcke | eown | | P | ositio | on: | | | Elect | ricia | ın | | | Sign | ature | : | | | H.J | uce | u | | | | Date | e: | 28, | /08/ | 2024 | |
| his for | m is based | on the n | nodel s | hown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 31 - Pa | age: | 26 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Redgrave Suite, Room SH 3 Supplied from: Ground Floor Sub DB - 10L2 Room SH 3 DB DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Z_S RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ------------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking metallic conduit nonmetallic conduit metallic trunking

| DISTRIBUTION BOARD DETAILS DB reference: Room SH 4 DB Location: Ground Floor, Redgrave Suite, Room SH 4 Supplied from: Ground Floor Sub DB - 11L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|--|----------|-------------------------------|-----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|---|------------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|------------------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | | | Room | SH 4 I | DB | | | | Loc | ation: G | roun | d Flo | or, R | Redgra | ve Suite | , Rooi | m SH | 1 4 | Supp | olied | from | | | Gro | und f | loor S | Sub I | DB - 1 | 11L1 | | |
| Distrib | ution circui | t OCPD: | BS (E | EN): | | | 610 | 09 R | CD/F | RCBC | | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Typ | oes: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of s | upply pol | arity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | : DB: | C | 0.18 🖸 | 2 | lį | of at I | OB: | 1.23 | L kA |
| S | CHEDUL | E OF C | IRCU | JIT DE | TAI | LS A | AND | TE | ST I | RES | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | e dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| | | | | | | pou | | | nber size | : time S7671 | | | | | (a) | | | _ | | Ring | final ci | ircuit | R ₁ + | -R ₂ R ₂ | | | (a | | | | | tton |
| Circuit number | | Circuit descr | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sock | ets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 3 | Lights & Co | ntactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF ins | A Thermoplast sulated/shea cables | | Thermop cables metallic | olastic s in | | (| cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| E ermoplas cables in etallic tri | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | S | | C | N/A | | | |
| D | ETAILS | OF TES | ST IN | ISTRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test i | nstrumen | nts used | | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | | | 1022 | 2673 | 894 | | | | sulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth e | electrode re | esistance: | : | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED I | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Martir | | | | | ositio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is based | on the n | nodel s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 31 - Pa | age: | 28 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Redgrave Suite, Room SH 4 Supplied from: Ground Floor Sub DB - 11L1 **Room SH 4 DB** DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Z_S RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Disconnection time (ms) Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ---------------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking cables metallic conduit nonmetallic conduit metallic trunking

| DISTRIBUTION BOARD DETAILS DB reference: Room SH 5 DB Location: Ground Floor, Redgrave Suite, Room SH 5 Supplied from: Ground Floor Sub DB - 9L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|---|----------|-------------------------------|-----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|--|------------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|------------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|------------------------------|--|
| DB re | eference: | | | Room | SH 5 I | DB | | | | Loc | ation: G | roun | d Flo | or, R | edgra | ve Suite | , Rooi | m SH | 15 | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 9L3 | | |
| Distrib | ution circui | it OCPD: | BS (E | EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Ty _l | pes: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | mation of s | supply pol | arity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.16 🖸 | 2 | ļ | of at [| DB: | 1.47 | 7 kA |
| S | CHEDUI | LE OF C | CIRCU | JIT DE | TAI | LS / | AND | TE | ST I | RES | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| | | | | | | poq | | | nber size | t time S7671 | | | | | (a) | | | 6 | | Ring | final ci | ircuit | R ₁ + or | | | a | (a | | | | | tton |
| Circuit number | | Circuit desc | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sock | ets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.52 | | 500 | > 999 | > 999 | ✓ | 0.68 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 3 | Lights & Co | ontactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.29 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | E OF ins | A Thermoplas sulated/shea cables | | Thermop cables metallic | olastic s in | | (| cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| E ermoplas ables in etallic tru | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | in | Mine sulated | | s | | C | N/A | | | |
| D | ETAILS | OF TE | ST IN | ISTRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test i | instrumer | nts used | - | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | | | 1022 | 2673 | 394 | | | | sulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth e | electrode re | esistance | : | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED I | вү | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Martir | | | | | ositio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | M | u | | | | Date | | | /08/2 | | |
| his for | m is based | on the n | nodel s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - Pa | age: | 30 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Redgrave Suite, Room SH 5 Supplied from: Ground Floor Sub DB - 9L3 **Room SH 5 DB** DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Z_S RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ---------------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking metallic conduit nonmetallic conduit metallic trunking

| DISTRIBUTION BOARD DETAILS DB reference: Room SH 6 DB Location: Ground Floor, Redgrave Suite, Room SH 6 Supplied from: Ground Floor Sub DB - 9L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------|-----------|----------------|------------------|----------------------------|--|------------------------|--|--------------|---------------|---------------------------------------|---------------------------|-----------------------------|---------|---|------------------------------|---------------|------------------------|--------------------------|----------|------------------------------|--------------|------------------|-----------------------------------|-------------------|-----------------|-------------------------|----------------------------|------------------------------|--|-----|------|
| DB r | eference: | | | Room | SH 6 I | DB | | | | Loc | ation: G | roun | d Flo | or, R | Redgra | ve Suite | , Rooi | m SH | 16 | Supp | olied | from | : | | Gro | ound | Floor | Sub | DB - | 9L1 | | |
| Distribution circuit OCPD: BS (EN): | | | | | | | 610 | 09 R | CD/F | RCBC | | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | g: 40 A | | | | of p | hases | : | 1 | | | | |
| SPD Details: Types: T1 N/A | | | | | | Status indicator checked (where functionality indicator present) N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Confirmation of supply polarity Confirmation of phase seque | | | | | | | | | | | sequenc | е | ١ | I/A | | · | | , | | | | | Zs at DB: 0.1 | | | | 8 Ω Ipf at DB: | | | | |) kA |
| SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | TEST RESULT DETAILS | | | | | | | | | | | | | | | | |
| | | | | | Conductor details | | | | | | Overcurr | ent p | rotectiv | e dev | /ice | RCD | | | | | Con | tinuity | (Ω) | | Insula | ition res | resistance | | Zs | | D / | AFDD |
| | | | | | | pou | | | nber size | time S7671 | | | | | 2 | | | | | Ring | final ci | inal circuit | | -R ₂ R ₂ | | | (a | | | | | ton |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | | |
| 1 | Room Socke | ts | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.49 | | 500 | > 999 | > 999 | ✓ | 0.67 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 3 | Lights & Con | ntactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYPE OF insulated/sheathed ca | | | | | olastic s in conduit | | (| cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| E ermoplas cables in etallic tri | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | S | | С | N/A | | | |
| D | ETAILS | OF TES | TIN | STRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test in | strumen | ts used | | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-functional: 1022 | | | | | | | 394 | | | | sulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode res | sistance: | | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED B | Y | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name: Martin Mckeown | | | | | | | ositio | | | | Elect | | ın | | | Signature: M. MCL Date: | | | | | | | | -,, | | | | | | | | |
| his form is based on the model shown in Appendix 6 of BS 7671:2018+A2:2022. | | | | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - Pa | age: | 32 of | 253 | | | | | | | | | |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Redgrave Suite, Room SH 6 Supplied from: Ground Floor Sub DB - 9L1 **Room SH 6 DB** DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Z_S RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ------------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking metallic conduit nonmetallic conduit metallic trunking

| C | DISTRIBUTION BO | DARD DE | TAI | LS | | | | | | | | | | | | | | | | | | DISTRIBUTION BOARD DETAILS DB reference: Room 1 DB Location: Ground Floor, Room 1 Supplied from: Ground Floor Sub DB - 9L1 | | | | | | | | | | | | | |
|---|--------------------------------|--------------|-------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-------------------------|---------|--------------|------------------------------|------------|-----------|-------------------------------|----------|------------------------|---|-------------|-----------|---------------------|-----------------|-----------------------|----------------------------|--------------------------|--|--|--|--|--|--|
| DB reference: Room 1 DB | | | | | | | | | cation: | | Gı | oun | d Flo | or, Roc | m 1 | | | Supp | olied | from | : | Ground Floor Sub DB - 9L1 | | | | | | | | | | | | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | ٦ | Гуре | : 1 | В | Rati | ng/S | ettir | ıg: | 40 | Α | | No of phases: | | | | | | | | | | | | | |
| SPD D | etails: Types: T1 | T2 | N/A | Т | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | N/A | А | | | | | | | | | | | | | | | | | | |
| Confirmation of supply polarity Confirmation o | | | | | | | | | e sequenc | е | ſ | N/A | | | | | Zs at DB | | | | | (| 0.23 🛭 | 2 | Ιŗ | 99kA | | | | | | | | | |
| S | CHEDULE OF CIR | CUIT DE | TAI | LS / | AND | TEST RESULTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | CIRCUIT DETAILS | | | | | | | | | | | | | | | | | | т | EST R | ESULT | SULT DETAILS | | | | | | | | | | |
| | | | Conductor details | | | | | | Overcuri | ent p | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | Ω) Insulation res | | | | | Z _S RC | | :D | AFDD | | | | | |
| mber | Circuit description | | iring | method | f ved | and | mber d size | Max disconnect time permitted by BS7671 (s) | | | | kA) | Zs (Ω) | | | rating AA) | | Ring | g final circuit | | R ₁ + or | | voltage (V) | Live (MΩ) | Earth (M Ω) | ick) | (Ω) | tion | in (tick) | st button (tick) | | | | | |
| Circuit nu | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test | Live - | Live - | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (t | Manual test button operation (tick) | | | | | |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | | | | | | |
| 2 | | | | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | | | | | | |
| 3 | 3 Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | | | | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | | | | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | | | | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.53 | | 500 | > 999 | > 999 | ✓ | 0.76 | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F . | | | G | | Н | | | | O - Other | | | | | | | | | | |
| | E OF insulated/sheathed cables | | s in | | | cables etallic | | it | cables i metallic tru | n | | (| cables ir etallic tr | n | Thern /SW | noplas A cabl | | | rmoset WA cab | | in | Mine sulated | | s | N/A | | | | | | | | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | ısed (serial | | | | iumb | ers): | | | | | | | | | | | | | | C | | · | | | | | | | | | | | | |
| Multi-functional: 102267394 | | | | | | | | | nsulation | | | | | | | _ | | | | | | | tinuity: | | | | | | | | | | | | |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | υ: ——— | | | | | | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | 11101101111 | | | | Positio | | | | Elect | | ın | | | Sig | nature | : | | | H.J | uci | u | | | | Date | | 28/08/2024 | | | | | | | | |
| his for | rm is based on the mode | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 09091239081 - Page: 34 of 253 | | | | | | | | | | | | | | | | |

| D | ISTRIBUTION | BOARD | DETA | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|---|----------------|------------------|---|-------------------------|------------------------|--|-------------------------------|-------|------------|---|---------------------------|---------------------|------------------------|------------------------------|------------|------------------------------|--------------------------|----------------------------------|------------------|--------------|-----------------------|------------------|----------------------------|-------------------|-------------------------|-------------------------|---------------------------------|--|--|--|
| DB reference: Room 2 DB | | | | | | | | | | | Gr | oun | d Flo | or, Roor | m 2 | | | Supp | lied 1 | from | | Ground Floor | | | | | Sub DB - 9L1 | | | | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | ıg: | g: 40 A | | | | | hases | : | 1 | | | | | | |
| SPD D | etails: Types: | T2 | N/A | . 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | e N/A | | | | | | | | | | | | | | |
| Confirmation of supply polarity Confirmation of pha | | | | | | | | | | | | | | | | | , | | Zs at DB | | | | | 0.26 🛭 | 2 | lpf at DB: 0.898k | | | | | | |
| SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CIRCUIT DETAILS | | | | | | | | | | | | | TEST RESULT DETAILS | | | | | | | | | | | | | | | | | | |
| | | | | Conc | luctor o | details | | (s) | Overcurrent protective device | | | | | RCD | | | | | Continuity (Ω) | | | |) Insulation resistan | | | | Zs | RC | D A | AFDD | | |
| _ | | | | poų: | | | nber size | t time 3S7671 | | | | | (_O) | | | б | | Ring | final ci | rcuit | R ₁ + | | S | (2 | (D) | | | | | utton <) | | |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | | |
| 1 | 1 Oven | | | | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.35 | | | | | |
| 3 | 3 Fridge | | | | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.04 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | | | |
| 4 | 4 Heater | | | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | | | |
| 5 Hob & Extractor | | | | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | | B ermoplast cables in allic cond | | | C ermopl cables etallic | in | t | Thermople cables metallic tru | in | n | C | E ermopla cables in etallic tr | ۱ ا | Thern /SW/ | F noplas A cable | | | G rmoset NA cab | | H Mineral insulated cables | | | | o - Other N/A | | | | | | | | |
| WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking / 5WA Cables / 18WA Cables 18WA Cabl | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume | ents used (se | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-functional: 102267394 | | | | | | | ΙI | nsulation | resis | tance | e: | | | | - | | | | | Cor | Continuity: | | | | | | | | | | | |
| Earth e | electrode resistance | e: | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI |): | | | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Mart | in Mckeowr | า | ı | Positi | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | la | u | | | | Date: 28/08/2024 | | | | | | | |
| his for | m is based on the | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 81 - P | age: | 35 of | 253 | | | | | |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-----------------------------|-----------------|------------------|----------------------------|-------------------|------------------------|--|---|------------|----------------|---------------------------|---|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|--------------|-------|-----------------|----------------|----------------|-----------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Roor | n 3 D | В | | | | Lo | cation: | | Gı | oun | d Flo | or, Roo | m 3 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 9L1 | | |
| Distrib | oution circuit OCPD: Bs | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | : 1 | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | Т | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality inc | | | | | N/A | Д | | | | | | | | | | |
| Confir | mation of supply polarity | ✓ | | Со | onfirn | natio | n of p | hase | e sequenc | e | 1 | N/A | | | | | | | | | Zs at | t DB: | (| 0.20 🛭 | 2 | Ιŗ | of at | DB: | 1.1 | 7 kA |
| S | CHEDULE OF CIR | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcuri | ent pi | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit descriptio | n | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | be | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | ed | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | R1+R2 | R ₂ | st voltage (V) | re - Live (MΩ) | re - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| _ ່ວັ 1 | Ovon | | A | C 8 | 2 <u>8</u> 1 | 2.5 | 1.5 | | 60898 | Туре | <u>2</u> 20 | 6 8 | 2.19 | | Туре | | | | | | 0.14 | R2 | Test | > 999 | - 000 | | ∑ Ĕ 0.34 | | | |
| 2 | Oven Room Sockets | | | С | 4 | 2.5 | 1.5 | | 60898 | ВВ | 20 | 6 | 2.19 | | | | | | | | 0.14 | | | > 999 | | | 0.34 | | | |
| | | | A | | | | | | 60898 | | | 6 | | | | | | | | | | | | | | | 0.37 | | | |
| 3 4 | Fridge Heater | | A | C C | 2 | 2.5 | 1.5 | | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | | > 999 > 999 | | | 0.41 | | | |
| _ | Hob & Extractor | | A | С | 2 | 2.5 | 1.5 | | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.29 | | | > 999 | | | 0.49 | | | |
| 6 | Lights & Contactor | | A | С | 9 | 1.5 | 1.0 | | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.37 | | | > 999 | | | 0.57 | | | |
| 7 | Spare | | | | | | | | | | | | 7.20 | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed cables | Thermo cable metallic | plastic s in | | | cables etallic | in | it | Thermopla cables i metallic tru | in | ı | (| E ermopla cables in etallic tr | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | in | Mine sulated | eral | s | | C | o - Oth N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u unctional: | ised (serial | and/0 | | | iumbe | ers): | т | nsulation | rocic | tanc | ۵' | | | | | | | | | Cor | ntinui | itv. | | | | | | | |
| | electrode resistance: | | 102 | 20/3 |)J4 | | | | arth fault | | | | nce: | | | _ | | | | | RCI | | cy. | | | | | | | - |
| | | | | | | | | | .artii iault | 100 | , 1111p | | ice. | | | | | | | | ICI | | | | | | | | | |
| Nam | ESTED BY ne: Martin M | ckooven | | Б | Positio | on: | | | Elect | ricia | n | | | Sign | nature | | | | u l | UCI | u | | | | Date | ٠. | 20 | /08/: | 2024 | |
| | rm is based on the mode | | Anne | | | | 671. | 2019 | | | 111 | | | Siyi | iature | • | | | (,), | -(00 | | | I FI 1 | 20240 | 90912 | | | | | |
| 1113 101 | in is bused on the mout | CI SITOVVII III | whhe | IIIII | 0 01 | / در | J, I. | ~UI(| ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | - · | | | | | | | | | | | | INCI. | L1 L2 | _0270 | JUJ12 | 5,00 | - F | age. | 50 0 | |

| DISTRIBUTION BOARD DETAILS DB reference: Room 4 DB Location: Ground Floor, Room 4 Supplied from: Ground Floor Sub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------|-------------------|-----------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|--------|------------|---------------------------|-------------------------|-----------------------|--------------|------------------------------|------------|-----------|--------------------------|----------|-------------------|----------------|-------------|--------------------|------------|-----------------|-----------------------|-------------------------|--------------------------|--|
| DB r | reference: | Roor | n 4 D | В | | | | Lo | cation: | | Gı | oun | d Flo | or, Roc | m 4 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 7L3 | | |
| Distrib | ution circuit OCPD: B | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | : 1 | В | Rati | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | y √ | | Co | onfirn | natio | n of p | hase | e sequenc | е | ı | N/A | | | | | | | | | Zs at | t DB: | (| 0.19 🛭 | 2 | ļį | pf at I | DB: | 1.2 | 3 kA |
| S | CHEDULE OF CIR | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcuri | ent pi | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| umber | Circuit descriptio | n | of wiring | Reference method | of | and | nber size | Max disconnect time permitted by BS7671 | | | (f | (kA) | n d Zs (Ω) | | | erating mA) | ि | | final c | | R ₁ -l | | voltage (V) | Live (M Ω) | Earth (MΩ) | (tick) | n d (Ω) | ection s) | on (tick) | Manual test button operation (tick) |
| Circuit number | | | Type of v | | Number of points served | Live (mm ²) | cpc (mm ²) | | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test | Live - | Live - | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (t | Manual t |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | √ | 0.31 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.26 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.29 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F . | | | G | | | H | | | | C | O - Oth | er | | |
| TYP WIR | E OF insulated/sheathed cables | cable metallic | | t | | cables etallic | | it | cables i metallic tru | | | | cables in etallic tr | | Thern /SW | A cabl | | | rmosei WA cal | | in | Mine sulate | | s | | | N/A | | | |
| | ETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | nils of test instruments u | ısed (serial | | | | iumb | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Martin M | ckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sig | nature | : | | | H. | ll | u | | | | Date | e: | 28 | /08/ | 2024 | ŀ |
| his for | m is based on the mode | el shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 31 - P | age: | 37 of | f 253 |

| D | ISTRIBUTION | BOARD | DETA | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|----------------------|------------|--|------------------|-------------------------|---|------------------------|--|-------------------------------------|---------|------------|---------------------------|---|-----------------------|--------------|------------------------------|------------|-----------|------------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | eference: | R | oom 5 | DB | | | | Loc | cation: | | Gr | oun | d Flo | or, Rooi | m 5 | | | Supp | lied 1 | from | | | Gr | ound | Floor | Sub | DB - | 6L2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | \ 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply po | olarity | √ | C | onfirn | natio | n of p | hase | e sequenc | e | N | I/A | | , | | • | , | | | | Zs at | DB: | (| 0.34 | 2 | lį | of at | DB: | 0.68 | 3kA |
| S | CHEDULE OF | CIRCUIT | DETA | ILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | S | | | | |
| | | | | Cond | ductor o | details | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | б | | Ring | final ci | rcuit | R ₁ + | | (| 2 | (CI | | | | | itton (|
| Circuit number | Circuit des | cription | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | C | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 7 | Spare | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | - | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE TYP WIR | | eathed o | B ermoplast cables in allic cond | | | C ermopl cables etallic | in | it | Thermople cables metallic tru | in | n | C | E ermopla cables in ctallic tr | 1 | Thern /SW | F noplas A cable | | | G rmoset NA cab | | ins | Mine sulated | | es | | C | 0 - O th N/A | | | |
| | ETAILS OF TE | | | | Ī | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume | | | | set r | umb | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 10 | 2267 | 394 | | | ΙI | nsulation | resis | tance | e: | | | | - | | | | | Cor | itinui | ty: | | | | | | | |
| Earth 6 | electrode resistance | e: | | | | | | E | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Mart | in Mckeowr | า | | Positi | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | la | <u> </u> | | | | Date | e: | 29 | /08/ | 2024 | |
| his for | m is based on the | model show | n in Ap | pendix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 81 - P | age: | 38 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 6 DB Location: Ground Floor, Room 6 Supplied from: Ground Floor Sub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------|---------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|--------|------------|---------------------------|-------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------------|-----------------|-------------|-----------|---------------------|-----------------|-----------------------|----------------------------|--------------------------|--|
| DB r | reference: | Roor | n 6 D | В | | | | Lo | cation: | | Gr | oun | d Flo | or, Roo | m 6 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 7L1 | | |
| Distrib | oution circuit OCPD: E | BS (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | уре: | ı | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . Т | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality inc | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply polarit | ty 🗸 | | Со | nfirn | natio | n of p | hase | e sequenc | е | ſ | N/A | | | | | | | | | Zs at | t DB: | (| 0.28 🛭 | 2 | lp | of at | DB: | 0.81 | 5kA |
| S | CHEDULE OF CIR | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent pi | otecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| nber | Circuit descripti | on | ring | method | r | and | nber | Max disconnect time permitted by BS7671 | | | _ | kA) | Zs (Ω) | | | rating AA) | | Ring | final ci | ircuit | R ₁ + or | | voltage (V) | Live (MΩ) | Earth (M Ω) | ick) | (Ω) | tion | n (tick) | st button (tick) |
| Circuit number | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test | Live - | Live - | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (t | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.41 | | 500 | > 999 | > 999 | ✓ | 0.69 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E rmopla: | stic | - | F | | | G | | | H | | | | 0 | - Oth | er | | |
| | E OF insulated/sheathed cables | d cable metallic | | | | cables etallic | | it | cables i metallic tru | | r | | ables in tallic tr | | Therm /SWA | A cable | | | rmoset WA cab | | in | Mine sulated | d cable | s | | | N/A | ı | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | used (serial | | | | iumb | ers): | т | nsulation | rocia | tanc | 0. | | | | | | | | | Con | atin | it. | | | | | | | |
| | unctional: | | 102 | 20/3 | 594 | | | | | | | | | | | _ | | | | | | ntinui | ity: | | | | | | | - |
| | electrode resistance: | | | | | | | E | arth fault | loop | ımp | edar | ice: | | | _ | | | | | RCI | J: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| Nam | 11141141111 | | | | Positio | | | | Elect | | n | | | Sigi | nature | : | | | μ, λ | ul | u | | | | Date | | | /08/ | | |
| his foi | rm is based on the mod | del shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 39 of | 253 |

| D | DISTRIBUTIO | N BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------------|------------|--------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|---------|------------|------------------------|-------------------------|------------------------|-------|------------------------------|------------|-----------|--------------------------|----------|------------------|------------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Roon | n 7 D | В | | | | Loc | cation: | | Gr | oun | d Flo | or, Roor | m 7 | | | Supp | lied 1 | from | | | Gr | ound | Floor | Sub | DB - | 5L1 | | |
| Distrib | oution circuit OCPI |): BS (I | EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply | oolarity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | , | | • | , | | | | Zs at | DB: | (| ວ.39 ເ | 2 | lį | of at I | DB: | 0.58 | 9kA |
| S | CHEDULE OF | CIRCL | JIT DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Cond | uctor d | letails | | (s) | Overcuri | rent pr | rotectiv | /e dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| Ē | Cincuit d | | | 0 | sthod | | Nun and | nber size | ect time BS7671 | | | | | (a) | | | ing | | Ring | final ci | rcuit | R ₁ + | | <u>S</u> | (CI | (ВМ | | | _ | <u>Š</u> | outton (x) |
| Circuit number | Circuit d | escription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | \checkmark | 0.52 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.39 | | 500 | > 999 | > 999 | ✓ | 0.78 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S FOR Thermop | | Thermo | plastic | | | C ermopla | | | D Thermopla | | | | E rmopla: | | Therm | F | tic | The | G rmoset | tina | | H Mine | | | | C |) - Oth | | | |
| | RING insulated/s | | cable: metallic | | | | etallic | | t | cables i metallic tru | | n | | ables ir tallic tr | | | A cable | | | NA cab | | ins | | d cable | es | | | N/A | | | |
| | DETAILS OF Tails of test instrum | | | | | cot n | umbe | rc). | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | ients used | u (Seriai | 102 | | | ullibe | :15). | Ιι | nsulation | resis | stance | e: | | | | _ | | | | | Cor | itinui | ty: | | | | | | | |
| | electrode resistan | ce: | | | | | | | | arth fault | | | | ice: | | | | | | | | RCI | | | | | | | | | |
| 7 | TESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | tin Mcke | eown | | P | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | lu | <u> </u> | | | | Date | e: | 29, | /08/ | 2024 | |
| his for | rm is based on the | e model s | shown in | Арре | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 40 of | 253 |

| | DISTRIBUTION BO | DARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------------------|-------------------|-----------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-------------------------|-----------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|-------------|--------------------|------------|-----------------|-----------------------|----------------------------|--------------------------|--|
| DB r | reference: | Roor | n 8 D | В | | | | Lo | cation: | | Gı | oun | d Flo | or, Roo | m 8 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 5L3 | | |
| Distrib | oution circuit OCPD: B | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | ٦ | Гуре | 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality inc | | | | | N/ | Д | | | | | | | | | | |
| Confir | mation of supply polarit | у 🗸 | | Co | nfirn | natio | n of p | hase | e sequenc | e | ſ | N/A | | | | | | | | | Zs at | t DB: | (| 0.39 Ω | 2 | Į | of at | DB: | 0.59 | 6kA |
| S | CHEDULE OF CIR | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcuri | ent p | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| ımber | Circuit descriptio | n | of wiring | Reference method | of | and | nber size | Max disconnect time permitted by BS7671 | | | 2 | (kA) | n d Zs (Ω) | | | erating mA) | | | final c | ircuit | R ₁ - | | voltage (V) | Live (M Ω) | Earth (ΜΩ) | tick) | ი (ი) b | ction () | on (tick) | Manual test button operation (tick) |
| Circuit number | | | Type of v | | Number of points served | Live (mm ²) | cpc (mm ²) | | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test | Live - | Live - | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (t | Manual to operation |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | √ | 0.40 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.77 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F . | | | G | | | H | | | | C | - Oth | er | | |
| | E OF insulated/sheathed cables | cable metallic | | : | | cables etallic | | it | cables i metallic tru | | | | ables in tallic tr | | Thern /SWA | a cabl | | | rmose WA cal | | in | Mine sulated | | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | used (serial | | | | iumbe | ers): | | | | | | | | | | | | | | C | _ 4.1 | · | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui - | ity: | | | | | | | |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | D: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | | | Positio | | | | Elect | | ın | | | Sigi | nature | : | | | μ .) | uci | u | | | | Date | | | /08/ | | |
| his fo | rm is based on the mod | el shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 41 of | f 253 |

| DISTRIBUTION BOARD DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------------------------------------|---------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|--------|------------|---------------------------|-------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------------|-----------------|------------------|--------------------|-------------|-----------------|-----------------------|----------------------------|-----------------------------|--|
| DB i | reference: | Roor | n 9 DI | В | | | | Lo | cation: | | Gr | oun | d Flo | or, Roo | m 9 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 3L3 | | |
| Distrib | oution circuit OCPD: E | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | 7 | уре: | ı | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . Т | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality inc | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply polari | ty 🗸 | | Со | nfirn | natio | n of p | hase | e sequenc | е | ſ | N/A | | | | | | | | | Zs at | t DB: | (|).27 🖸 | 2 | lp | of at | DB: | 0.84 | 7kA |
| 9 | CHEDULE OF CIF | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent pi | otecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| ıber | Circuit descripti | on | ing | method | pə | and | nber size | Max disconnect time permitted by BS7671 | | | | (A) | (Ω) SZ | | | ating A) | | Ring | final ci | ircuit | R ₁ + or | | e (V) | Live (M Ω) | Earth (MΩ) | ck) | (σ) | ion | tick) | t button tick) |
| Circuit number | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max discon permitted | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live | Live - Eart | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (t | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.29 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.30 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.61 | | 500 | > 999 | > 999 | ✓ | 0.88 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E rmopla: | stic | - | F | | | G | | | H | | | | 0 | - Oth | er | | |
| | E OF insulated/sheather cables | d cable metallic | | | | cables etallic | | it | cables i metallic tru | | r | | ables in tallic tr | | Therm /SWA | A cable | | | rmoset WA cab | | in | Mine sulated | d cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments functional: | usea (seriai | 1022 | | | iumb | ers): | т | nsulation | rocio | tanc | ٥. | | | | | | | | | Cor | ntinui | + | | | | | | | |
| | | | 102 | 20/3 |)J4 | | | | | | | | | | | | | | | | | | cy. | | | | | | | - |
| | electrode resistance: | | | | | | | | arth fault | 1000 | ппр | euar | ice: | | | | | | | | RCI | J. | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | 11:1 | 10.1 | | | | | | | | /a.c. ' | | |
| Nam | | | | | Positio | | 67 4 | 2011 | Elect | | n | | | Sigi | nature | : | | | М, Л | ul | <u> </u> | | | 20045 | Date | | | | 2024 | |
| nis fo | rm is based on the mod | iei shown in | Appe | ndix | 6 of | BS 7 | 6/1: | 2018 | 3+A2:202 | ۷. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 42 of | 253 |

| C | DISTRIBUTION I | BOARD DI | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------------------|---------------|----------------------|------------------|----------------------------|--------------------|------------------------|--|--------------------------|---------|------------|---------------------------|-----------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|--------------|------------------|-----------------------------------|-----------------|---------------|----------------|-----------------|----------------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Roor | n 10 C | В | | | | Lo | cation: | | Gr | ound | d Floo | r, Roor | n 10 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 4L2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | уре: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 1 | Γ3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply pola | rity 🗸 | • | Co | onfirn | natio | n of p | hase | e sequenc | e | ſ | N/A | | | | | | | | | Zs at | DB: | (|).44 (| 2 | lį | pf at I | DB: | 0.51 | l9kA |
| S | CHEDULE OF CI | RCUIT DI | ETAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcuri | rent pi | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | a | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | a | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | -R2 or H14 | -R ₂ R ₂ | voltage (V) | e - Live (MΩ) | e - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Ö | | | Тур | | Nun | | Срс | Мах | | Туре | | | | BS (| Туре | Rate | Rati | 11 (| rn (| 12 (| R1+R2 | R2 | Test | Live | Live | | | Disc | Test | Man |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.92 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | | B oplastic | | The | C ermopl | actic | | D Thermopla | actic | | The | E ermoplas | stic | | F | | | G | | | Н | ı | | | C | o - Oth | er | | |
| TYP | E OF insulated/sheath | | es in | | | cables etallic | in | t | cables i metallic tru | in | | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmose WA cat | | in | Mine sulated | eral d cable | s | | | N/A | ١ | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | s used (seria | | | | umb | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth (| electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | <u>-</u> | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin | Mckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H. | w | u | | | | Date | e: | 29 | /08/ | 2024 | ļ |
| his for | rm is based on the mo | odel shown ir | 1 Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL | 20240 | 90912 | 3908 | 31 - P | age: | 43 o | f 253 |

| D | ISTRIBUTION | BOARD | DETA | AILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------|--------------|--|---------------------------------|----------------------------|-------------------------|------------------------|--|------------------------|---------|------------|---------------------------|---------------------------|-----------------------|-------|------------------------------|------------|-----------|--------------------------|----------|------------------|------------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | eference: | Ro | oom 11 | 1 DB | | | | Loc | cation: | | Gro | ound | d Floc | or, Roon | n 11 | | | Supp | lied 1 | from | | | Gr | ound | Floor | Sub | DB - | 4L3 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/ | ٠ - | Г3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply po | olarity | √ | C | onfirr | natio | n of p | hase | sequenc | ce | N | I/A | | , | | | , | | | | Zs at | DB: | (| ე.33 <u></u> | Ω | Įį. | of at I | DB: | 0.69 | 8kA |
| S | CHEDULE OF | CIRCUIT | DETA | AILS | AND |) TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Con | ductor | details | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| | | | | poq | | | nber size | t time \$7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | | র | (បា | | | | | itton) |
| Circuit number | Circuit des | cription | 1- 20 20 20 20 20 20 20 20 20 20 20 20 20 | lype or wiring Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | _ A | A C | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 2 | Room Sockets | | P | A C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 3 | Fridge | | A | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | A | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.35 | | 500 | > 999 | > 999 | ✓ | 0.68 | | | |
| 5 | Hob & Extractor | | A | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 6 | Lights & Contactor | | A | A C | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.61 | | 500 | > 999 | > 999 | ✓ | 0.94 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | S FOR Thermopla | | B ermoplas | | | C ermopl | | | Thermople | | | | E ermopla | | Thern | F noplas | stic | The | G rmoset | tina | | H Mine | | | | C |) - Oth | | | |
| WIR | | | cables in allic cond | | | cables etallic | | it | cables metallic tru | | n | | tallic tr | | | A cable | | | NA cab | | ins | | d cable | es | | | N/A | | | |
| | ETAILS OF TE | | | | | umb | orc). | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | nto useu (Se | | 0/01 a | | iuiiibi | =13). | Ir | nsulation | resis | tance | e: | | | | | | | | | Cor | itinui | ty: | | | | | | | |
| | electrode resistance | 2 : | | | | | | | arth fault | | | | nce: | | | _ | | | | | RCI | | • | | | | | | | |
| 7 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | n Mckeowi | n | | Positi | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | lu | <u> </u> | | | | Date | e: | 29 | /08/ | 2024 | |
| his for | m is based on the | model show | n in Ap | pendi | x 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 81 - P | age: | 44 of | 253 |

| D | ISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------------------|-------------------|-----------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-------------------------|-----------------------|--------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|----------------|-----------------|-----------|------------|-----------------|-----------------------|-------------------------|--------------------------|--|
| DB r | eference: | Room | 12 D | В | | | | Lo | cation: | | Gr | oun | d Floc | or, Roo | m 12 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 5L2 | | |
| Distrib | ution circuit OCPD: BS | 5 (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | : 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . Т | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | Д | | | | | | | | | | |
| Confirr | mation of supply polarity | √ | | Со | nfirn | natio | n of p | hase | e sequenc | е | ı | N/A | | | | | | | | | Zs at | t DB: | (| 0.27 🛭 | 2 | Ιŗ | of at | DB: | 0.85 | 9kA |
| S | CHEDULE OF CIR | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcuri | ent p | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| ımber | Circuit description | ١ | of wiring | Reference method | of rved | and | nber size | Max disconnect time permitted by BS7671 | | | 2 | (kA) | α Zs (Ω) | | | erating mA) | 2 | | final c | ircuit | R ₁ + or | | voltage (V) | Live (MΩ) | Earth (MΩ) | tick) | ری) b | ction | on ı (tick) | Manual test button operation (tick) |
| Circuit number | | | Type of w | | Number of points served | Live (mm ²) | cpc (mm ²) | | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R ₂ | Test | Live - | Live - | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (t | Manual to operation |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F . | | | G | | | H | | | | 0 | - Oth | er | | |
| TYP! WIR | E OF insulated/sheathed | cable metallic | s in | | | cables etallic | | it | cables i metallic tru | n | | (| cables ir etallic tr | n | Thern /SW | noplas A cabl | | | rmosei WA cal | | in | Mine sulate | eral d cable | s | | | N/A | | | |
| | ETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instruments u | sed (serial | | | | iumb | ers): | | | | | | | | | | | | | | C | _ 4.5 | · | | | | | | | |
| | unctional: | | 1022 | 26/3 | 394 | | | | nsulation | | | | | | | | | | | | | ntinui | ity: | | | | | | | _ |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edaı | nce: | | | | | | | | RCI | D: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Martin Mo | ckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sig | nature | : | | | H. | uce | u | - | | | Date | e: | 29 | /08/ | 2024 | . |
| his for | m is based on the mode | el shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 45 of | 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------------------|-------------|----------------|------------------|----------------------------|----------------------|------------------------|--|--------------------------|--------|------------|------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|--------------|-------|----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 13 D | В | | | | Lo | cation: | | Gro | ound | d Floc | r, Roor | n 13 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 6L1 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype | 1 | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality inc | | | | | N/ | Д | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | е | 1 | N/A | | | | | | | | | Zs a | t DB: | (|).42 ⊆ | 2 | lp | of at | DB: | 0.55 | 1kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent pi | otecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | and (_Z u | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | ircuit (cbc) | R1+R2 | ⊦R2 R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.46 | | 500 | > 999 | > 999 | ✓ | 0.88 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | actic | | D Thermopla | ectic | | The | E ermopla | ctic | | F | | | G | | | H | | | | О | - Oth | er | | |
| TYP | E OF insulated/sheathed cables | cable | s in | : | | cables etallic | in | it | cables i metallic tru | n | r | (| ables ir tallic tr | 1 | Thern /SW/ | noplas A cabl | | | rmose WA cat | | in | Mine sulate | eral d cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | sed (serial | | | | iumb | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | functional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | Cor | ntinui | ty: | | | | | | | |
| Earth | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | ckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sign | nature | : | | | H. | uce | u | 1 | | | Date | e: | 29 | /08/ | 2024 | , |
| his fo | rm is based on the mode | l shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 46 of | 253 |

| | DISTRIBUT | TON BC | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------------|------------------------|-------------------|----------------|------------------|----------------------------|--------------------|------------------------|--|--------------------------|-------|------------|---------------------------|------------------------------------|------------------------|-------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------|------------------|---------------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB i | reference: | | Roon | 14 C | В | | | | Lo | cation: | | Gro | ound | d Floo | or, Roon | า 14 | | | Supp | olied 1 | rom | : | | Gro | ound | Floor | Sub | DB - | 6L3 | | |
| Distrib | ution circuit C | CPD: BS | 5 (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types | : T1 | N/A | T2 | N/A | . 7 | Г3 | N/A | Ν | I/A ✓ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of sup | oly polarity | <i>/</i> | | Со | onfirn | natio | n of p | hase | e sequenc | е | 1 | N/A | | , | | • | ĺ | | | | Zs at | DB: | C |).43 <u></u> | 2 | lį | of at | DB: | 0.53 | 1kA |
| 9 | CHEDULE | OF CIR | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotecti | ve dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | .D | AFDD |
| | | | | | po | | | nber size | ime 7671 | | | | | | | | | | Ring | final ci | rcuit | R ₁ + | -R2 R2 | | | | | | | | no |
| Circuit number | Circ | uit description | n | Type of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 2 | Room Sockets | | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.03 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 5 | Hob & Extract | or | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 6 | Lights & Conta | ctor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.48 | | 500 | > 999 | > 999 | ✓ | 0.91 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR The | A rmoplastic | Thermo | | | Th | C ermopl | astic | | D Thermopla | stic | | The | E rmopla | stic | Thern | F | ti o | The | G | tina | | H Mine | | | | C | - Oth | | | |
| | RING insula | ted/sheathed cables | cable metallic | | t | | cables etallic | | it | cables i metallic tru | | r | | ables in tallic tr | | | A cable | | | rmoset WA cab | | ins | | d cable | s | | | N/A | | | |
| | DETAILS O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test inst functional: | ruments u | ised (serial | | or as 2673 | | iumb | ers): | т | nsulation | rocio | stanc | ٠. | | | | | | | | | Cor | itinui | + | | | | | | | |
| | electrode resis | rtanco: | | 102 | |)J4 | | | | arth fault | | | | | | | | | | | | RCI | | Ly. | | | | | | | - |
| | | | | | | | | | | artii lault | 1001 | ипр | cual | ice. | | | | | | | | KCI | · . | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | .7111 | 10.1 | | | | | | | | /a = : | | |
| Nam | | Martin M | | | | Positi | | | | Elect | | ın | | | Sign | ature | : | | | М.Л | 100 | <u> </u> | | | | Date | | | /08/ | | |
| his fo | rm is based oi | n the mode | el shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 47 of | 253 |

| D | ISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------------------|-------------------|-----------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------|-----------------|-----------------|--------------------|------------|-----------------|-----------------------|----------------------------|--------------------------|--|
| DB r | eference: | Room | n 15 D | В | | | | Lo | cation: | | Gr | oun | d Floc | or, Roo | m 15 | | | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 7L2 | | |
| Distrib | ution circuit OCPD: Bs | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | : 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | Т | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | Д | | | | | | | | | | |
| Confirr | mation of supply polarity | ✓ | | Со | onfirn | natio | n of p | hase | e sequenc | е | ı | N/A | | | | | | | | | Zs at | t DB: | (| 0.43 🛭 | 2 | Ιŗ | of at | DB: | 0.52 | 9kA |
| S | CHEDULE OF CIR | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcuri | ent p | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| umber | Circuit description | n | of wiring | Reference method | of | and | nber size | Max disconnect time permitted by BS7671 | | | व | (kA) | n d Zs (Ω) | | | erating mA) | - F | | final ci | | R ₁ - | | voltage (V) | Live (M Ω) | Earth (MΩ) | (tick) | n d (Ω) | action s) | on (tick) | Manual test button operation (tick) |
| Circuit number | | | Type of v | | Number of points served | Live (mm ²) | cpc (mm ²) | | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test | Live - | Live - | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (t | Manual t operatior |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.71 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F | | | G | | | Н | | | | O | - Oth | er | | |
| TYP | E OF insulated/sheathed | cable metallic | s in | | | cables etallic | in | it | cables i metallic tru | n | | (| cables ir etallic tr | n | Thern /SWA | noplas A cabl | | | rmoset WA cab | | in | Mine sulated | eral d cable | s | | | N/A | | | |
| | ETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instruments u | ısed (serial | | | | iumbe | ers): | - | | | | | | | | | | | | | _ | | · . | | | | | | | |
| | unctional: | | 1022 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | E | arth fault | loop | imp | edaı | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Martin M | ckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sig | nature | : | | | H.J | uce | u | - | | | Date | e: | 29 | /08/ | 2024 | . [|
| his for | m is based on the mode | el shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 48 of | 253 |

| D | DISTRIBUTIO | N BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------------------|------------|--------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|---------|------------|---------------------------|-----------------------------|------------------------|-------|------------------------------|------------|-----------|--------------------|----------|------------------|------------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Room | 16 D | В | | | | Loc | cation: | | Gro | ound | d Floc | r, Roon | n 16 | | | Supp | lied 1 | from | | | Gr | ound | Floor | Sub | DB - | 8L1 | | |
| Distrib | oution circuit OCPE |): BS (I | EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply p | oolarity | √ | | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | , | | | , | | | | Zs at | DB: | (| 0.24 (| 2 | Įį. | of at I | DB: | 0.94 | 5kA |
| S | SCHEDULE OF | CIRCL | JIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pr | otectiv | /e dev | rice | | RCD | | | | Conf | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| | | | | | pou | | Nun and | nber size | time S7671 | | | | | 2) | | | | | Ring | final ci | rcuit | R ₁ + | | | | (c | | | | | ton |
| Circuit number | Circuit de | escription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | \checkmark | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.63 | | 500 | > 999 | > 999 | ✓ | 0.87 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S FOR Thermop | | Thermor | plastic | | | C ermopla | | | D Thermopla | | | | E rmopla: | | Therm | F | tic | The | G rmoset | tina | | H Mine | | | | C |) - Oth | | | |
| | RING insulated/s | | cable: metallic | | | | etallic | | t | cables i metallic tru | | n | | tables in | | | A cable | | | NA cab | | ins | | cable | es es | | | N/A | | | |
| | DETAILS OF T | | | | | sot n | umba | ~~\. | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrum unctional: | ients used | u (Seriai | 102 | | | ullibe | 215): | Ιι | nsulation | resis | tance | e: | | | | _ | | | | | Cor | ntinui | ty: | | | | | | | |
| | electrode resistan | ce: | | | | | | | | arth fault | | | | ice: | | | _ | | | | | RCI | | | | | | | | | |
| | TESTED BY | | | | | | | | | | | • | | | | | | | | | | | | | | | | | | | |
| Nam | | tin Mcke | eown | | P | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | e: | 29 | /08/ | 2024 | |
| his for | rm is based on the | | | Appe | ndix | 6 of | BS 7 | 671: | 2018 | | | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | | | | |

| D | ISTRIBUTIO | N BOAF | SD_DE. | TAI | LS | | | | | | | | | | | | | | | | DISTRIBUTION BOARD DETAILS DB reference: SC Far Kitchen DB Location: Ground Floor, Coe Suite, SC Kitchen Supplied from: Ground Floor Sub DB - 1L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | |
|----------------|-----------------------------------|------------|----------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|------------------------|--------|------------|---------------------------|------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|---|------------------|--------|------------------|------------|------------|-----------------|---------------------|-------------------------|---------------------------------|--|--|--|--|
| DB re | eference: | S | C Far Ki | tchei | 1 DB | | | | Lo | cation: (| Grou | ınd F | loor | , Coe | Suite, | SC Kit | che | n | Supp | lied | from | : | | Gr | ound | Floor | Sub | DB - | 1L3 | | | | | |
| Distribu | ution circuit OCPD | : BS (E | N): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | | | | |
| SPD De | etails: Types: | T1 N | N/A | Т2 | N/A | 7 | T3 I | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | | | | |
| Confirn | nation of supply p | olarity | √ | | Со | nfirn | natior | n of p | hase | e sequenc | e | ١ | I/A | | , | | | , | | | | Zs at | : DB: | (| 0.34 🖸 | 2 | ļį | of at I | DB: | 1.29 | ∂ kA | | | |
| S | CHEDULE OF | CIRCU | IT DE | TAI | LS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent pr | otectiv | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD | | | |
| umber | Circuit de | escription | | viring | Reference method | of erved | and | nber size | Max disconnect time permitted by BS7671 | | | (۲ | (kA) | n d Zs (Ω) | | | perating (mA) | ि | - | final c | | R ₁ - | | age (V) | Live (MΩ) | Earth (MΩ) | (tick) | n (Ω) bi | ection s) | on n (tick) | Manual test button operation (tick) | | | |
| Circuit number | | | | Type of wiring | Referenc | Number of points served | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Liv | Live - Ea | Polarity (tick) | Maximum measured | Disconnection time (ms) | Test button operation (tick) | Manual t operation | | | |
| 1 | Oven 1 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | | | | |
| 2 | Oven 2 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | | | | |
| 3 | Kitchen Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | | | | |
| 4 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Cleaners Socket | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | | | | |
| 7 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | | | | |
| 8 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | | | | |
| 9 | TV | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.43 | | 500 | > 999 | > 999 | ✓ | 0.77 | | | | | | |
| 10 | Lights & Contactor | | | Α | С | 10 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.66 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES | A Thermopl | astic | B Thermop | olastic | | The | C ermopla | astic | | D Thermopla | | | The | E rmoplas | stic | Thous | F | ati a | The | G | Hina | | H | | | | C | - Oth | | | | | | |
| TYPE WIR | | | cables metallic c | | | | cables etallic | | t | cables metallic tru | | r | | ables in tallic tru | | Therm /SWA | A cabl | | | rmose NA cat | | in | Mine | d cable | s | | | N/A | | | | | | |
| | ETAILS OF T | | | | | | ء ما مص | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrum inctional: | ents usea | • | 1022 | | | umbe | :(3): | Įı | nsulation | resis | tance | e: | | | | | | | | | Cor | ntinui | ity: | | | | | | | | | | |
| | lectrode resistano | ce: | | | | | | | | arth fault | | | | ice: | | | | | | | | RCI | | , | | | | | | | - | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | | tin Mcke | own | | Р | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | Н.) | W | | | | | Date | e: | 29 | /08/ | 2024 | | | | |
| his for | m is based on the | model sh | nown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | | | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | | | | | | | |

| DB reference: SC Fac | | KCOTI DE | : I A I | LS A | AND | | 511 | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--|--------------------------------|------------------|------------------|-------------------------|-------------------|------------------------|--|----------------------------------|----------|------------|---------------------------|--|---------|-------|-------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|------------------------------|--------------------|
| | | SC Far K | itche | n DB | | | | Loc | cation: | Grou | ınd F | loor | , Coe | Suite, | SC Ki | tche | n | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 1L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent pi | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit descripti | ion | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (ΜΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | Σ α | <u> </u> | | | | Σ α | <u></u> | | | | | | | | <u>~</u> | | | | | Σ E | | | ≥ c |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic insulated/sheathe cables | Thermo ed cable metallic | plastic es in | | | cables etallic | in | it | Thermop cables metallic tr | in | 1 | c | E ermopla ables in tallic tr | n | | F moplas A cable | | | G rmose WA cab | | in | Mine sulated | | s | | (| O - Oth N/A | | | |

| D | ISTRI | BUTION | I BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------|---------------------------------------|----------|-------------------------------|-----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|--|------------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB re | eference | e: | | Room | SC 1 I | DB | | | | Loc | cation: C | Grou | nd F | loor | , Coe | Suite, F | Room | SC | 1 | Supp | lied | from | : | | Gro | ound | Floor | Sub | DB - | 3L1 | | |
| Distribu | ution cire | cuit OCPD: | BS (| EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation of | f supply po | larity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | е | N | I/A | | · | | | · | | | | Zs at | DB: | C |).45 ⊆ | 2 | ļį | of at I | DB: | 0.50 | 9kA |
| S | CHED | ULE OF (| CIRCL | JIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ition res | istance | | Zs | RC | D , | AFDD |
| | | | | | | por | | | nber size | time 57671 | | | | | (a | | | _ | | Ring | final ci | rcuit | R ₁ + or | | | | (č | | | | | ton |
| Circuit number | | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sc | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.67 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.70 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | OF | Thermoplas insulated/she cables | | Thermop cables metallic | olastic s in | | Č | cables etallic | in | it | Thermopla cables i metallic tru | n | n | (| E ermoplas ables in etallic tru | 1 | Therm /SWA | F noplas cable | | | G rmoset WA cab | | ins | Mine sulated | | S | | С | N/A | | | |
| D | ETAIL | S OF TE | ST IN | ISTRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrume | nts use | | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | ınctiona | | | | 1022 | 2673 | 394 | | | | sulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth e | lectrode | resistance | 2: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | e: | Marti | n Mcke | eown | | P | Positio | on: | | | Elect | ricia | n | | | Sign | ature | | | | H.J | w | u | | | | Date | 2: | 29, | /08/2 | 2024 | |
| his for | m is bas | sed on the i | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 31 - P | age: | 52 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Coe Suite, Room SC 1 Ground Floor Sub DB - 3L1 Room SC 1 DB Supplied from: DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Zs RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ---------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking metallic conduit nonmetallic conduit metallic trunking

| D | ISTRIBUTIO | N BOAR | D DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---------------------|-------------|--------------------------------------|-----------------|------------------|----------------------------|--|------------------------|--|---------------------------------------|-------|------------|---------------------------|---|-----------------------|---------------|-------------------------------|------------|-----------|------------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|------------------------------|--|
| DB re | eference: | | Room | SC 2 I | DB | | | | Loc | cation: (| Grou | nd F | loor | , Coe | Suite, I | Room | SC | 2 | Supp | olied 1 | from | : | | Gr | ound | Floor | Sub | DB - | 2L2 | | |
| Distrib | ution circuit OCP | D: BS (EN | ٧): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N/ | /A - | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation of supply | polarity | √ | | Со | nfirn | natior | n of p | hase | sequenc | :e | N | I/A | | , | | • | , | | | | Zs at | : DB: | (| 0.42 🖸 | 2 | Ιŗ | of at I | DB: | 0.55 | 0kA |
| S | CHEDULE OI | CIRCUI | T DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor d | etails | | (s) | Overcuri | ent p | rotectiv | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| | | | | | po | | Nun and | nber size | time 7671 | | | | | | | | | | Ring | final ci | ircuit | R ₁ + | | | | (2 | | | | | uo: |
| Circuit number | Circuit o | lescription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.70 | | | |
| 2 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 3 | Lights & Contacto | r | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.40 | | 500 | > 999 | > 999 | ✓ | 0.82 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | OF insulated/s | sheathed | B Thermop cables metallic c | olastic s in | | (| C ermopla cables etallic | in | t | Thermopla cables i metallic tru | in | n | C | E ermoplas ables in tallic tr | 1 | Thern /SW/ | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | es . | | О | o - Oth N/A | | | |
| D | ETAILS OF 1 | EST INS | TRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrun | nents used | - | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | ınctional: | | | 1022 | 2673 | 894 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ity: | | | | | | | |
| Earth e | lectrode resistar | ice: | | | | | | | Е | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Ma | rtin Mckeo | own | | Р | ositio | n: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | ll | u | | | | Date | e: | 29, | /08/ | 2024 | |
| his for | m is based on th | e model sho | own in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 54 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Coe Suite, Room SC 2 Ground Floor Sub DB - 2L2 Room SC 2 DB Supplied from: DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Zs RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ---------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Thermoplastic Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking metallic conduit nonmetallic conduit metallic trunking

| D | ISTRIBUTIO | N BOARD | DETA | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|-------------|------------------------------|------------------|-------------------------|------------------------------|------------------------|--|---------------------|---------|--|---------------------------|------------------------------------|-----------------------|---------------|-------------------------------|------------|-----------|-----------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|------------------------------|--|
| DB re | eference: | Ro | om SC | 3 DB | | | | Loc | cation: (| Grou | nd F | loor | , Coe | Suite, | Room | sC | 3 | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 2L1 | | |
| Distrib | ution circuit OCPD |): BS (EN): | : | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N/A | T2 | N/A | ٦ ٦ | Г3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confirn | nation of supply p | oolarity | ✓ | C | onfirn | natio | n of p | hase | e sequenc | ce | N | I/A | | , | | • | | | | | Zs at | DB: | . (| 0.34 🖸 | 2 | lį | of at I | DB: | 0.66 | 7kA |
| S | CHEDULE OF | CIRCUIT | DETA | ILS | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Con | ductor (| details | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| | | | | po | | | nber size | time 7671 | | | | | | | | | | Ring | final c | ircuit | R ₁ + | | | | (a | | | | | uo: |
| Circuit number | Circuit de | escription | Tyrop of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | Δ | C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 2 | Heater | | Δ | C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.61 | | | |
| 3 | Lights & Contactor | | Δ | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.72 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES | OF insulated/sl | neathed | B nermoplast cables in | | | C ermopl cables | in | | Thermopla cables | in | | C | E ermopla cables ir | ۱ | Thern /SW/ | F noplas A cable | | | G rmose WA cal | | ins | Mine Sulated | | ·s | | C | o - Oth N/A | | | |
| WIR | ETAILS OF T | | tallic cond | | nonm | etallic | condui | it | metallic tru | ınkıng | <u> </u> | ionme | tallic tr | unking | | | | | | | | | | | | | | | | |
| | ils of test instrum | | | | sset r | umb | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-fu | ınctional: | | 10 | 2267 | 394 | | | Iı | nsulation | resis | tanc | e: | | | | - | | | | | Cor | itinui | ity: | | | | | | | |
| Earth e | lectrode resistan | ce: | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Mar | tin Mckeow | 'n | | Positi | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H. | w | u | | | | Date | e: | 29, | /08/ | 2024 | |
| his for | m is based on the | model show | n in Ap | pendi | (6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 56 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS / | AND | | 5 I I | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|--|---------|------|------------------------------|------------|-----------|--------------------------|-------------|-------|----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB reference: | | Room S | SC 3 | DB | | | | Loc | cation: | Grou | ınd F | loor | , Coe | Suite, | Roon | n SC | 3 | Supp | olied 1 | from | : | | Gr | ound | Floor | Sub | DB - | 2L1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | <u></u> | ğ | | | | | <u></u> | | | <u>a</u> 8 | Σά | | | | | | | | | R2 | | | | | ΣΕ | | F 9 | Σ δ |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | | | | D | | | | F | | | F | | | G | | | Н | | | | |) - O+- | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic c | in | | | cables etallic | in | it | Thermop cables metallic tr | in | ı | c | E ermopla ables in tallic tr | n | | noplas A cabl | | | rmoset WA cab | | in | Mine | | s | | | O - Oth N/A | | | |

| D | ISTRIBUTIO | N BOARD [| DETA: | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---------------------|----------------|--|------------------|----------------------------|---|------------------------|--|-------------------------------------|---------|------------|---------------------------|---|-----------------------|---------------|-------------------------------|------------|-----------|-----------------------------|----------|------------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|------------------------------|--|
| DB re | eference: | Roo | m SC 4 | DB | | | | Loc | cation: (| Grou | nd F | loor | , Coe | Suite, | Room | SC | 4 | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 2L3 | | |
| Distribu | ution circuit OCPD | : BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confirn | nation of supply p | olarity | / | Co | onfirn | natio | n of p | hase | e sequenc | ce | N | I/A | | , | | • | | | | | Zs at | : DB: | (| 0.48 🖸 | 2 | Ιŗ | of at I | DB: | 0.48 | 0kA |
| S | CHEDULE OF | CIRCUIT D | DETA: | ILS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor o | details | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| | | | | po | | | nber size | time 37671 | | | | | (3 | | | | | Ring | final c | ircuit | R ₁ + or | | | | 2) | | | | | ton |
| Circuit number | Circuit des | scription | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.70 | | | |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.29 | | 500 | > 999 | > 999 | ✓ | 0.77 | | | |
| 3 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.41 | | 500 | > 999 | > 999 | ✓ | 0.89 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES TYPE WIR | OF insulated/sh | eathed ca | B moplastion bles in lic condu | | | C ermopl cables etallic | in | it | Thermopla cables metallic tru | in | r | C | E ermopla cables in ctallic tr | n | Thern /SW/ | F noplas A cable | | | G rmose WA cab | | ins | Mine Sulated | | es | | C | o - Oth N/A | | | |
| D | ETAILS OF TI | EST INSTR | UMEI | NTS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ls of test instrume | ents used (ser | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-fu | ınctional: | | 102 | 22673 | 394 | | | Iı | nsulation | resis | tanc | e: | | | | - | | | | | Cor | ntinui | ity: | | | | | | | |
| Earth e | lectrode resistanc | e: | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | e: Mart | in Mckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sign | nature | : | | | H. | w | u | | | | Date | e: | 29, | /08/ | 2024 | |
| his for | m is based on the | model shown | in App | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 22. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 58 of | 253 |

| DB reference: | | DTI DE | IAI | LS / | AND | III: | 511 | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---------------------|----------------------------------|----------------|------------------|----------------------------|--|------------------------|--|----------------------------------|---------|------------|---------------------------|--|---------|------|-------------------------------|------------|-----------|------------------------------|-------------|-------|-----------------------------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | eference: | Room S | SC 4 | DB | | | | Loc | cation: | Grou | ınd F | loor | , Coe | Suite, | Roon | n SC | 4 | Supp | lied | from | : | | Gro | ound | Floor | Sub | DB - | 2L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (8) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | tion res | istance | | Zs | RC | :D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | | Thermop cables metallic co | in | | | C ermople cables etallic | in | it | Thermop cables metallic tr | in | ı | c | E ermopla ables in tallic tr | n | | F moplas A cable | | | G rmoset WA cab | | in | Mine sulated | | S | | (| O - Oth N/A | | | |

| D | ISTRIBUTIO | N BOARD I | DETA | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------|-------------|------------------------|------------------|----------------------------|------------------------------|------------------------|--|---------------------|---------|------------|---------------------------|------------------------------------|-----------------------|--------|------------------------------|------------|-----------|-------------------|----------|------------------|---------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB re | eference: | Roo | m SC 5 | DB | | | | Loc | cation: (| Grou | nd F | loor | , Coe | Suite, | Room | SC | 5 | Supp | olied | from | : | | Gr | ound | Floor | Sub | DB - | 3L2 | | |
| Distribu | ution circuit OCPD | : BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confirn | nation of supply p | olarity | / | Co | onfirn | natio | n of p | ohase | e sequenc | ce | N | I/A | | , | | • | , | | | | Zs at | : DB: | (| 0.46 🖸 | 2 | lį | of at I | DB: | 0.49 | 9kA |
| S | CHEDULE OF | CIRCUIT I | DETA: | ILS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor o | details | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | Po | | | nber size | time 7671 | | | | | | | | | | Ring | final c | ircuit | R ₁ + | | | | (a | | | | | uo: |
| Circuit number | Circuit de: | scription | Type of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.71 | | | |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 3 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.52 | | 500 | > 999 | > 999 | ✓ | 0.98 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES | | | B moplastion | c | | C ermopl cables | | | Thermopla cables | | | | E ermopla cables in | | Thern | | | | G rmose | | | Mine | eral | | | C | o - Oth N/A | | | |
| WIR | ING cables | s metal | lic condu | | | etallic | | it | metallic tru | | r | | tallic tr | | /SW/ | A cable | es | /S' | WA cat | oles | ins | sulated | d cable | es | | | ואור – | | | |
| | ETAILS OF TI | | | | set n | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | ınctional: | | | 22673 | | | | Iı | nsulation | resis | tanc | e: | | | | - | | | | | Cor | itinui | ity: | | | | | | | |
| Earth e | lectrode resistanc | e: | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | | in Mckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sign | nature | : | | | H. | w | u | | | | Date | e: | 29, | /08/ | 2024 | |
| his for | m is based on the | model shown | in App | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 202409 | 90912 | 3908 | 1 - P | age: | 60 of | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Location: Ground Floor, Coe Suite, Room SC 5 Ground Floor Sub DB - 3L2 **Room SC 5 DB** Supplied from: DB reference: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device RCD Continuity (Ω) Insulation resistance Zs RCD AFDD Max disconnect time permitted by BS7671 Number R_1+R_2 Ring final circuit Manual test button operation (tick) Reference method and size or R₂ Rated operating current (mA) Live - Earth (M Ω) Test button operation (tick) Test voltage (V) Live - Live (M Ω) Maximum measured (Ω) Circuit number Number of points served Circuit description Type of wiring Polarity (tick) Live (mm²)r_n (neutral) cpc (mm²) Rating (A) Rating (A) r₁ (line) (EN) BS (EN) r2 (cpc) Туре 11 Spare 12 Spare ---13 Spare ---------------------------14 Spare --O - Other В Ε G **CODES FOR** Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF N/A insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING nonmetallic trunking metallic conduit nonmetallic conduit metallic trunking

| D | ISTRI | BUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------|--------------------------------|----------|-------------------------------|-----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|--|------------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|--------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|------------------------------|--|
| DB r | eference: | | | Room | SC 6 I | DB | | | | Loc | ation: (| Grou | nd F | loor | , Coe | Suite, F | Room | SC | 6 | Supp | olied | from | : | | Gro | ound | Floor | Sub | DB - | 4L1 | | |
| Distrib | ution circ | uit OCPD: | BS (I | EN): | | | 610 | 09 R | CD/F | RCBC | | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Ty | ypes: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of | supply po | larity | √ | | Со | nfirn | natior | n of p | hase | sequenc | е | N | I/A | | · | | | · | | | | Zs at | DB: | C |).45 ⊆ | 2 | ļį | of at [| DB: | 0.51 | 2kA |
| S | CHEDU | LE OF (| CIRCL | JIT DE | TAI | LS / | AND | TE | ST I | RES | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ition res | istance | | Zs | RC | D A | AFDD |
| | | | | | | pou | | | nber size | time S7671 | | | | | 2) | | | _ | | Ring | final ci | ircuit | R ₁ + or l | | | | (a | | | | | ton |
| Circuit number | | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Soc | ckets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.60 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.72 | | | |
| 3 | Lights & C | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.62 | | 500 | > 999 | > 999 | ✓ | 1.07 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | r | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | E OF i | Thermoplasinsulated/she cables | | Thermop cables metallic | olastic s in | | (| cables etallic | in | it | Thermopla cables i metallic tru | n | n | (| E ermoplas ables in etallic tru | 1 | Therm /SWA | F noplas cable | | | G rmoset WA cab | | ins | Mine sulated | | S | | С | N/A | | | |
| D | ETAILS | S OF TE | ST IN | ISTRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | instrume | nts use | - | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | | | 1022 | 2673 | 394 | | | | sulation | | | | | | | - | | | | | | tinui | ty: | | | | | | | |
| Earth 6 | electrode | resistance | : | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | n Mcke | | | | ositio | | | | Elect | | n | | | Sign | ature | : | | | H.J | w | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is base | ed on the i | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - Pa | age: | 62 of | 253 |

| S | CHEDULE OF CIRC | TI DEI | AIL | _S A | MD | | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---------------------|--|----------------|------------------|-------------------------|--|------------------------|--|----------------------------------|---------|------------|---------------------------|---|---------|---------|------------------------------|------------|-----------|-----------------------------|-------------|--------------------------------|-----------------|------------------|----------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | eference: | Room So | C 6 D | В | | | | Loc | cation: | Grou | ınd F | loor | , Coe | Suite, | Roon | n SC | 6 | Supp | olied | from | : | | Gro | ound | Floor | Sub | DB - | 4L1 | | |
| | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Condu | ictor d | etails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | tion res | istance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | Live (mm ²) pue und | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R ₁ +R ₂ | R ₂ | Test voltage (V) | re - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | <u></u> | & | P 0 | | <u> </u> | | | <u></u> | Ra | R B | Ma De | | <u></u> | | Ra | | E | 2 | R ₁ | R2 | <u></u> | Live | | 8 | | E Di | F G Op | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | | B Thermopla cables i metallic cor | n | | c | C ermopla cables i etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla: ables ir tallic tr | ۱ | | F moplas /A cabl | | | G rmose WA cab | | ins | Mine sulated | | S | | (| o - Oth N/A | | | |

| | DISTRIBUTION BO | ARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|------------|--|------------------|----------------------------|---|------------------------|-----------------------------------|---------------------------------------|-------|------------|---------------------------|-----------------------------|-----------------------------|------|------------------------------|------------|-----------|-----------------------------|----------|------------------|--------|-----------------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB i | reference: | 1st Flo | or Sub | DB | | | | Lo | cation: | | 1st | Floo | or, Ele | ectrical R | iser | | | Supp | lied 1 | from | : | | | | MPB - | - 3TF |) | | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 60 | 947- | 2 M | ICCB | | | - | Гуре | : [| В | Rati | ng/S | ettin | g: | 100 |) A | | No | o of p | hases | | 3 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 7 | -3 | N/A | N | /A √ | | | | | ndicator on ality indicator | | | | | √ | , | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | onfirn | natio | n of | phase | e sequenc | е | | ✓ | | | | | | | | | Zs at | DB: | : (| 0.15 Ω | 2 | Iį | pf at | DB: | 5.9 | 8 kA |
| 9 | CHEDULE OF CIR | CUIT D | ETAI | LS | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETA | ILS | | | | | | | | | | | | | | Т | EST R | ESULT I | DETAIL | S | | | | |
| | | | | Conc | luctor o | letails | | (s) | Overcurr | ent p | rotecti | ve de | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | .D | AFDD |
| | | | | po | | | nber size | nect time y BS7671 | | | | | <u> </u> | | | | | Ring | final ci | ircuit | R ₁ + | | | | 5) | | | | | ton |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect permitted by BS | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 L1 | Near Kitchen DB | | Α | В | 1 | 16 | 6 | 5 | 61009 | В | 45 | 10 | 0.98 | 61009-B | Α | 30 | 45 | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.13 | | ✓ | |
| 1 L2 | Far Kitchen DB | | А | В | 1 | 16 | 6 | 5 | 61009 | В | 45 | 10 | 0.98 | 61009-B | А | 30 | 45 | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.35 | 42.7 | ✓ | |
| 1 L3 | Room PR-4 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.36 | 18.0 | ✓ | |
| 2 L1 | Room PR-3 DB | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.43 | 18.4 | ✓ | |
| 2 L2 | Room PR-5 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.40 | 15.1 | ✓ | |
| 2 L3 | Room PR-2 DB | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.37 | 13.8 | ✓ | |
| 3 L1 | Room PR-6 DB | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.33 | 18.3 | ✓ | |
| 3 L2 | Room PR 1 DB | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.41 | 18.3 | ✓ | |
| 3 L3 | Room PR-7 DB | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.35 | 18.4 | ✓ | |
| 4 L1 | Room 28 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.38 | 18.3 | ✓ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Therm cab | B noplastic les in c conduit | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | | (| E ermopla cables i | | | F noplas A cabl | | | G moset VA cab | | ins | Min | • eral d cable | es | | C | 0 - Oth N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deta | ails of test instruments u | sed (seria | al and/ | or as | set n | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 102 | 2673 | 394 | | | I | nsulation | resis | tanc | e: | | | | | | | | | Cor | tinu | ity: | | | | | | | |
| Earth | electrode resistance: | | | | | | | E | arth fault | loop | imp | edaı | nce: | | | | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | ckeown | | ı | Positio | on: | | | Elect | ricia | n | | | Signa | ture | :: | | | H.J | w | u | | | | Date | e: | 29 | /08/2 | 2024 | 1 |
| This fo | rm is based on the mode | el shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | : LFL2 | 202409 | 90912 | 3908 | 31 - P | age: | 64 of | f 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS 1st Floor, Electrical Riser MPB - 3TP DB reference: 1st Floor Sub DB Location: Supplied from: **TEST RESULT DETAILS CIRCUIT DETAILS** Conductor details Overcurrent protective device **RCD** Continuity (Ω) Insulation resistance Zs RCD AFDD Max disconnect time permitted by BS7671 Number R₁+R₂ Ring final circuit method and size or R₂ Test button operation (tick) Manual test butt operation (tick) Disconnection time (ms) numbe (S) Circuit description of wiring Rated operating current (mA) (tick) (mm²) voltage Earth (mm²) r of serve Live Maximum measured (Reference (neutra (EN) (EN) (line) Polarity (cbc) Rating Rating rcuit Type (Live cbc BS 덛 ے 2 ₽ 10 5 30 40 4 L2 Room 29 DB Α В 1 4 61009 В 40 10 1.09 61009-B Α 0.23 500 > 999 > 999 0.38 18.3 4 L3 Room 27 DB Α В 10 5 61009 40 10 1.09 61009-B 30 40 0.21 500 > 999 | > 999 0.36 42.3 1 4 В Α 5 L1 Room 30 DB Α 10 4 5 61009 40 1.09 61009-B 30 40 0.22 > 999 > 999 0.37 18.3 В 1 В 10 Α ------500 ---10 5 61009 61009-B 5 L2 Room 26 DB Α В 1 4 В 40 10 1.09 Α 30 40 ------0.19 ---500 > 999 > 999 0.34 14.2 ---5 L3 Room 31 DB 10 5 40 10 1.09 61009-B 30 40 0.21 > 999 > 999 0.36 15.7 Α В 1 4 61009 В Α 500 6 L1 Room 25 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.18 500 > 999 > 999 0.33 18.4 Room 32 DB 5 1.09 61009-B 6 L2 Α В 10 4 61009 В 40 10 30 40 0.20 500 > 999 |> 999 0.35 46.9 1 Α ---------6 L3 Room 24 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.15 500 > 999 > 999 0.30 18.4 10 5 61009 30 0.30 18.4 7 L1 Room 33 DB Α В 1 4 В 40 10 1.09 61009-B Α 40 0.15 500 |> 999 |> 999 7 L2 Room 23 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.14 500 > 999 > 999 0.29 18.5 Α ------7 L3 Room 34 DB В 10 5 61009 1.09 61009-B 30 Α 1 4 В 40 10 Α 40 0.15 500 > 999 > 999 0.30 45.7 ---10 5 1.09 30 8 L1 Room 18 DB Α В 1 4 61009 В 40 10 61009-B Α 40 0.13 ---500 |> 999 |> 999 0.28 18.3 8 L2 Room 17 DB В 10 5 61009 40 10 1.09 61009-B 30 40 > 999 |> 999 0.25 18.3 Α 4 В Α 0.10 500 1 ------Room 21 DB 61009-B 8 L3 Α В 1 10 4 5 61009 В 40 10 1.09 Α 30 40 0.08 500 > 999 |> 999 0.23 18.4 ------------5 Room 22 DB 10 61009-B 0.21 18.5 9 L1 Α В 1 4 61009 В 40 10 1.09 30 40 0.06 500 > 999 > 999 5 9 L2 Room 20 DB Α В 1 10 4 61009 В 40 10 1.09 61009-B Α 30 40 0.07 500 > 999 | > 999 0.22 18.5 ------------10 5 9 L3 Room 19 DB Α В 1 4 61009 В 40 10 1.09 61009-B Α 30 40 ------0.04 500 > 999 > 999 0.21 18.6 ---10 L1 Room JS 6 DB В 10 4 5 61009 40 10 1.09 61009-B 30 40 0.11 500 0.26 18.4 Α 1 В Α |> 999 |> 999 ---------10 L2 Room JS 1 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.09 500 > 999 > 999 0.24 18.4 Room JS 5 DB 10 5 61009 1.09 61009-B 30 > 999 |> 999 10 L3 В В 40 10 40 0.20 500 0.35 18.4 Α 1 4 Α ---11 L1 Room JS 2 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.08 500 > 999 > 999 0.23 18.0 В G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed cables in cables in cables in cables in N/A /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

| 2 | CHEDUI | LE OF CIRC | OTI DE | IAI | LS / | ANL | | <u> </u> | (ES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------------------|---------------------------------------|-------------------------------|----------------|------------------|-------------------------|-----------------------------|------------------------|--|---------------------------------------|--------|------------|---------------------------|------------------------------------|------------|------|------------------------------|------------|-----------|-----------------|----------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | eference: | | 1st Floo | r Sub | DB | | | | Lo | cation: | | 1st | Floc | r, Ele | ectrical R | iser | | | Supp | olied | from | : | | | | MPB · | - 3TF | > | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor o | details | | (s) | Overcurr | rent p | rotectiv | /e dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | CD | AFDE |
| Circuit number | | Circuit description | | Type of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) eu | rcuit (cbc) Z. | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (ΜΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 11 L2 | Room JS 4 | DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | | 18.4 | ✓ | |
| 11 L3 | Room JS 3 | DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.04 | | 500 | > 999 | > 999 | ✓ | 0.19 | 18.5 | ✓ | |
| 12 L1 | Cleaners So | ocket | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 61009 | В | 20 | 10 | 2.19 | 61009-В | Α | 30 | 20 | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.49 | 18.5 | ✓ | |
| 12 L2 | 12 L3 End Corridor Stair Lights | | | Α | В | 15 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.76 | | 500 | LIM | > 999 | ✓ | 0.91 | 18.2 | ✓ | |
| 12 L3 | End Corrid | or Stair Lights | | Α | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.30 | | 500 | LIM | > 999 | ✓ | 1.45 | 18.4 | ✓ | |
| 13 L1 | Corridor Li | ghts Far | | Α | В | 25 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.08 | | 500 | LIM | > 999 | ✓ | 1.23 | 18.1 | ✓ | |
| 13 L2 | Corridor El | И Lights | | Α | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.96 | | 500 | LIM | > 999 | ✓ | 1.11 | 15.1 | ✓ | |
| 13 L3 | Near Stair | Lights | | Α | В | 10 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.61 | | 500 | LIM | > 999 | ✓ | 0.76 | 18.4 | ✓ | |
| 14 L1 | Door Acces | SS | | Α | В | 2 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.20 | | | |
| 14 L2 | RHS Spur | | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 14 L3 | LHS Spur | | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | |
| 15 L1 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L2 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L3 | CT Meter | | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60947-2 | С | 6 | 10 | 3.64 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| 16 TP | CT Meter | | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60947-2 | С | 6 | 10 | 3.64 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Α | В | | | | С | | | D | | | | Е | | | F | | | G | | | ŀ | 1 | | | (|) - Otl | ner | | |
| TYP | S FOR E OF in RING | Thermoplastic sulated/sheathed cables | Thermop cables metallic | s in | | | ermopl cables etallic | in | t | Thermopla cables i metallic tru | in | r | C | rmopla ables i tallic tr | | | noplas A cable | | | rmose WA cal | | ins | Min sulate | eral d cable | s | | | N/A | 4 | | |

| D | ISTRI | BUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------|-----------------------------|-------------------|----------------|------------------|----------------------------|--------------------|---------------------------------|--|--------------------------|-------|------------|---------------------------|------------------------------------|-----------------------|--------|------------------------------|------------|-----------|-----------------------------|----------|------------------------|----------|-------------|----------------------|--------------|-----------------|------------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | | JS Near K | (itche | n DB | 3 | | | Lo | cation: | 1st | Floo | , Ho | lmes | Suite, J | S Kito | chen | 1 | Supp | lied | from | : | | : | 1st Fl | oor Su | b DE | 3 - 1L | _1 | | |
| Distrib | ution circ | uit OCPD: BS | (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Ty | ypes: T1 | N/A | T2 | N/A | ٦ | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation of | supply polarity | √ | | Со | nfirn | natio | n of p | hase | e sequenc | е | ١ | I/A | | · | | • | ĺ | | | | Zs at | t DB: | : (| 0.13 | Ω | Ιŗ | of at I | DB: | 1.8 | l kA |
| S | CHEDU | LE OF CIRC | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT | | | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | 5 | | | | |
| | | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotecti | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| Circuit number | | Circuit description | | Type of wiring | Reference method | Number of points served | and | mber size (mm ₂) | Max disconnect time permitted by BS7671 | (EN) | | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (EN) | | Rated operating current (mA) | Rating (A) | | r _n (neutral) eu | | R ₁ + or | | voltage (V) | - Live (M Ω) | - Earth (MΩ) | Polarity (tick) | Maximum measured (\Omega) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Circu | | | | Туре | Refer | Num | Live | cbc (| Max | BS (F | Туре | Ratin | Breal | Maxii perm | BS (F | Туре | Rate | Ratin | r1 (line) | r _n (n | r2 (cpc) | R1+R2 | R2 | Test | Live | Live | Polar | Maxii meas | Disco | Test | Manu |
| 1 | Oven 1 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | | > 999 | ✓ | 0.50 | | | |
| 2 | Oven 2 | | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 3 | Kitchen So | ockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.25 | | | |
| 4 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.18 | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Cleaners S | Socket | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 7 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 8 | Hob & Ext | tractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 9 | TV | | | Α | С | 3 | 2.5 | 1.5 | | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.43 | | | | > 999 | ✓ | 0.41 | | | |
| 10 | Lights & C | Contactor | | Α | С | 10 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.77 | | | |
| CODE | | A Thermoplastic | Thermor | plastic | | | C ermopl | | | D Thermopla | | | | E ermopla | | Thern | F | itic | The | G rmose | tting | | H | | | | O |) - Oth | | | |
| TYPE WIR | | nsulated/sheathed cables | cable metallic | | | | cables etallic | | it | cables i metallic tru | | r | | ables ir tallic tr | | /SWA | A cable | es | | WA cat | | in | sulate | d cable | es es | | | N/A | | | |
| | | S OF TEST I | | | | set n | umh | ers). | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | ca (seriai | 102 | | | | 5.571 | I | nsulation | resis | stanc | e: | | | | - | | | | | Cor | ntinu | ity: | | | | | | | |
| Earth e | electrode | resistance: | | | | | | | Е | arth fault | loop | imp | edar | ice: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Martin Mcl | keown | | F | ositi | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H. | w | · _ | | | | Date | e: | 29 | /08/ | 2024 | |
| his for | m is base | ed on the model | shown in | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | : LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 67 of | 253 | |

| S | CHEDULE OF | - CIRC | OTI DE | IAI | LS / | AND | | 511 | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----------------|---------------------|---------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|---|---------|--------|-------------------------------|------------|-----------|------------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | eference: | | JS Near K | itche | en DB | 3 | | | Loc | cation: | 1st | Floo | r, Ho | lmes | Suite, | JS Kit | chen | 1 | Supp | lied | from | : | | - | Lst Flo | oor Su | ıb Di | 3 - 1l | .1 | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | .s | | | | |
| | | | | | Cond | uctor d | letails | | (8) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ition res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit c | lescription | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | E OF insulated/ | plastic sheathed | Thermop cables metallic o | s in | t | (| cables etallic | in | it | Thermop cables metallic tr | in | r | С | E ermopla: ables in tallic tr | n | | F moplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | S | | (| o - Oth N/A | | | |

| C | DISTRI | BUTION | I BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------------------|--|----------|--------------------------|----------------|------------------|----------------------------|---|------------------------|--|-------------------------------------|--------|--------|---------------------------|--|-----------------------|---------------|------------------------------|--------|----------|------------------------------|---------|------------------------|-----------------|-------------|--------------------|-----------------------|------------------|-----------------|----------------------------|---------------------------------|--|
| DB r | eference | : | | Room | JS 1 [| DB | | | | Lo | cation: | 1st F | loo | r, Ho | Imes | Suite, I | Room | JS 1 | l | Supp | olied | from | : | | 1 | st Flo | or Su | b DB | - 10 | L2 | | |
| Distrib | ution circ | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/I | RCBC |) | | 7 | уре: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: 7 | Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | I/A √ | | | | | ndicator ality ind | | | | | N/ | Д | | | | | | | | | | |
| Confir | mation of | supply po | larity | ✓ | | Со | nfirn | natio | n of p | ohase | e sequenc | е | 1 | N/A | | , | | • | , | | | | Zs at | t DB: | (| 0.24 🖸 | 2 | lį | of at | DB: | 0.95 | 3kA |
| S | CHEDI | JLE OF (| CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT I | DETAIL | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcur | ent pr | otecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | .D | AFDD |
| Circuit number | | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | (X | | (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (N | | Rated operating current (mA) | (A) £ | | rn (neutral) | | R ₁ + or | | voltage (V) | Live (M Ω) | Earth (MΩ) | ty (tick) | num ured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Circuit | | | Туре | Refere | Numb | Live (| cpc (n | Max d permi | BS (EN) | Туре | Rating (A) | Break | Maxin | BS (EN) | Туре | Rated | Rating (A) | r1 (line) | rn (ne | r2 (cpc) | R1+R2 | R2 | Test v | Live - | Live - | Polarity | Maximum measured (| Discor time (| Test b | Manua | | |
| 1 | Room So | ckets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | | 0.32 | | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.62 | | 500 | > 999 | > 999 | ✓ | 0.86 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | r | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR E OF RING | A Thermopla: insulated/she cables | | Thermore cables metallic | s in | | | C ermopl cables etallic | in | it | Thermopla cables metallic tru | n | ı | C | E ermoplas ables in tallic tru | ı | Therm /SWA | F noplas | | | G ermose WA cat | | in | Mine sulated | | es . | | С |) - Oth N/A | | | |
| | | S OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | t instrume | nts use | ed (serial | | | | umb | ers): | т. | nsulation | rocio | tanc | ٥. | | | | | | | | | Cor | ntinui | it. | | | | | | | |
| | unctional | resistance | | | 1022 | | 94 | | | | arth fault | | | |)CO! | | | _ | | | | | RCI | | ity: | | | | | | | - |
| | | | - | | | | | | | | artii iatiit | ЮОР | ППР | eudi | ice: | | | | | | | | KCI | J: | | | | | | | | |
| | ESTED | | n Mala | | | F | Positio | 201 | | | Floor | riaia | _ | | | Cian | nature | | | | 11 1 | LIC I | u_ | | | | Date | | 20 | /00 / | 2024 | |
| Nam | | ed on the | n Mck | | Δnne | | | | 671. | 2015 | Elect | | 11 | | | Sigi | iature | • | | | ρ(,) | -(00 | | | I FL 1 | 202409 | Date | | | /08/: | | |
| | 15 545 | 55 OII GIC | ouci | J | , 'PPC | | 5 51 | 25 / | J, 1. | _010 | | | | | | | | | | | | | | | ۷. ـ. | -52 .0 | J J J I Z | 2,500 | - ' | age. | 00 | 233 |

| S | CHEDULE OF CIRCI | TIL DEI | AI | LS / | AND | | STI | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|------------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|--|---------|------|------------------------------|------------|-----------|-----------------------------|-------------|-------------|----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room J | S 1 [| ОВ | | | | Loc | cation: | 1st I | Flooi | r, Ho | Imes | Suite, | Room | ı JS 1 | L | Supp | olied | from | : | | 1 | st Flo | or Su | b DE | - 10 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | etails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | <u></u> | | | | <u>ਰ</u> | | <u></u> | | | <u>a</u> 8 | Σά | | | | | | | | | R2 | | | | | ΣΕ | <u>=</u> = | | Σ č |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | | | | D | | | | - | | | F | | | G | | | н | | | | |) Ot- | | | |
| TYP | S FOR Thermoplastic | Thermopla cables metallic co | in | | | cables etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla ables in tallic tr | n | | noplas A cable | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| D | ISTRI | BUTION | I BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------|--------------------------------------|-------------------------------|-----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------------------|------------|------------|---------------------------|--|---------|------------------------|------------------------------|------------|-----------|-----------------------------|----------|---------|------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|------------------------------|--|------|
| DB r | eference | 2: | | Room | JS 2 [| ОВ | | | | Loc | ation: | 1st I | Floor | , Ho | lmes | Suite, F | Room | JS 2 | 2 | Supp | olied | from | : | | 1 | st Flo | or Sul | DB | - 11 | _1 | | |
| Distrib | ution cire | cuit OCPD: | BS (| EN): | | | 610 | 09 R | CD/F | RCBC | | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/ | Д | | | | | | | | | | |
| Confirr | nation of | f supply po | larity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | · | | | · | | | | Zs at | DB: | (| 0.23 ⊆ | 2 | ļį | of at [| DB: | 0.98 | 3kA |
| S | CHED | ULE OF | CIRC | JIT DE | TAI | LS / | AND | TE | ST I | RES | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| | | | | | | po | | | nber size | time 57671 | | | | | (a | | | | | Ring | final c | ircuit | R ₁ + | | | | (č | | | | | ton |
| Circuit number | | Circuit des | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | |
| 1 | Room Sc | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.61 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE: TYPI WIR | E OF | Thermopla insulated/she cables | Thermop cables metallic | olastic s in | | Č | cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| E ermoplas ables in etallic tru | 1 | Therm /SWA | F noplas A cable | | | G rmose WA cab | | ins | Mine sulated | | s | | С | N/A | | | | |
| D | ETAIL | S OF TE | ST IN | ISTRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrume | nts use | - | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctiona | | | | 1022 | 2673 | 394 | | | | sulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth e | electrode | resistance | e: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: | Marti | in Mck | eown | | P | Positio | on: | | | Elect | ricia | ın | | | Sign | ature | : | | | H. | uce | u | | | | Date | 2: | 29, | /08/2 | 2024 | |
| his for | m is bas | sed on the | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - Pa | age: | 71 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS / | AND | | 5 I I | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|---------|------|------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB reference: | | Room | JS 2 I | DB | | | | Loc | cation: | 1st I | Flooi | r, Ho | lmes | Suite, | Roon | ı JS 2 | 2 | Supp | olied | from | : | | 1 | st Flo | or Su | b DB | - 11 | L1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | Н | 1 | | | (|) - Oth | er | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic c | in | | | ermopl cables | in | it | Thermop cables metallic tr | in | ı | c | ermopla ables in tallic tr | n | | noplas A cable | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| D | ISTRIBUTIO | ON BOAR | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------------------|---------------------|---------------------------------|-----------------|------------------|----------------------------|-----------------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|---------------------------------------|-----------------------|---------------|-------------------------------|------------|-----------|-----------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|------------------------------|--|
| DB re | eference: | | Room | JS 3 I | ОВ | | | | Loc | cation: | 1st I | loor | , Ho | Imes | Suite, I | Room | JS 3 | 3 | Supp | olied | from | : | | 1 | st Flo | or Su | b DB | - 11 | L3 | | |
| Distrib | ution circuit OCP | D: BS (EI | N): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N | I/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confirn | nation of supply | polarity | ✓ | | Со | nfirm | natior | n of p | hase | sequenc | :e | N | I/A | | , | | • | , | | | | Zs at | : DB: | (| 0.19 🖸 | 2 | lį | of at I | DB: | 1.24 | l kA |
| S | CHEDULE O | F CIRCU | IT DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor d | letails | | (s) | Overcuri | ent p | otectiv | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| | | | | | po | | Nun and | nber size | time 7671 | | | | | | | | | | Ring | final c | ircuit | R ₁ + | | | | 2) | | | | | uo: |
| Circuit number | Circuit | description | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 2 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 3 | Lights & Contacto | r | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.61 | | 500 | > 999 | > 999 | ✓ | 0.80 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES TYPE WIR | E OF insulated/ | plastic sheathed | Thermop cables metallic o | olastic s in | | (| C ermopla cables etallic | in | t | Thermopla cables i metallic tru | in | n | C | E rmopla: ables in tallic tr | 1 | Thern /SW/ | F noplas A cable | | | G rmose WA cat | | ins | Mine Sulated | | es | | C | o - Oth N/A | | | |
| D | ETAILS OF | TEST INS | STRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instru | ments used | - | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | | 102 | 2673 | 194 | | | | nsulation | | | | | | | _ | | | | | | itinui | ity: | | | | | | | |
| Earth e | electrode resista | nce: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Ma | rtin Mcked | own | | Р | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H. | ll | u | | | | Date | e: | 29, | /08/ | 2024 | |
| his for | m is based on th | ne model sh | nown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 73 of | 253 |

| S | CHEDULE OF CIRCU | TII DEI | AL | LS / | AND | TE | STI | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|------------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|--|---------|------|-------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB reference: | | Room J | S 3 [| DB | | | | Loc | cation: | 1st I | Flooi | r, Ho | lmes | Suite, | Room | ı JS 3 | 3 | Supp | olied | from | : | | 1 | st Flo | or Su | b DE | - 11 | L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermople cables metallic co | in | | | cables etallic | in | it | Thermop cables metallic tr | in | 1 | c | E ermopla ables in tallic tr | ۱ | | F moplas A cable | | | G rmose WA cab | | in | Mine sulated | | s | | | O - Oth N/A | | | |

| C | DISTRIB | UTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------------|---|----------|--------------------------|----------------|------------------|----------------------------|---|------------------------|--|---|--------|------------|---------------------------|---|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|-------------|-------|-----------------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | | | Room | JS 4 [| ОВ | | | | Lo | cation: | 1st F | looi | r, Ho | lmes | Suite, I | Room | JS 4 | 1 | Supp | lied 1 | from | : | | 1 | st Flo | or Su | b DB | - 11 | L2 | | |
| Distrib | ution circu | it OCPD: | BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | 7 | уре: | E | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Ty | pes: | T1 | N/A | T2 | N/A | Т | 73 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of s | supply po | larity | ✓ | | Со | nfirn | natio | n of p | ohase | e sequenc | е | ſ | N/A | | · | | • | ŕ | | | | Zs at | DB: | (|).21 <u>c</u> | 2 | ļį | of at I | DB: | 1.13 | 3 kA |
| S | CHEDUI | LE OF (| CIRCL | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent pr | otecti | ve dev | ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| Circuit number | | Circuit desc | ription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) eui | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sock | kets | | | A | С | 4 | 2.5 | 1.5 | | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | | > 999 | | | 0.34 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 3 | Lights & Co | ontactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.57 | | 500 | > 999 | > 999 | ✓ | 0.78 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR E OF in | A Thermoplas sulated/shea cables | | Thermore cables metallic | s in | | | C ermopl cables etallic | in | it | Thermopla cables metallic tru | n | 1 | C | E rmoplas ables in tallic tru | ı | Therm /SWA | F noplas | | | G rmoset WA cab | | in | Mine Sulated | | es | | C | - Oth N/A | | | |
| | DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test | instrumer | nts use | ed (serial | | | | umb | ers): | т. | nsulation | rocio | tanc | ٥. | | | | | | | | | Cor | ntinui | it. | | | | | | | |
| | unctional: electrode r | ocictanco | | | 1022 | | 94 | | | | nsulation arth fault | | | | | | | _ | | | | | RCI | | ity: | | | | | | | - |
| | | | • | | | | | | | | artii iatiit | ЮОР | ППР | eudi | ice: | | | | | | | | KCI |) . | | | | | | | | |
| | ESTED | | n N/1-1- | 0011/2 | | |)oci+i | . | | | Flact | ole!e | _ | | | Cic | 221115 | | | | 11 1 | 101 | u_ | | | | Dat | | 20 | /00 / | 2024 | |
| Nam | rm is based | Martii | | | Anno | | Position | | 671. | 2010 | Elect | | [] | | | Sigr | nature | • | | | Μ, Λ | | | | I EL 1 | 20240 | Date | | | /08/2 | | |
| 113 101 | יייי וא טמאפע | a on the l | nouel S | STICANII III | Thhe | TIUIX | 0 01 | ו כט | υ/Ι. | ZU10 | , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ۷. | | | | | | | | | | | | IVCI. | | -0240 | ノしラエム | 2200 | T - L | aye. | , 5 01 | 200 |

| DB reference: | | OTI DE | IAI | LS I | AND | | 5 I I | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
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| | | Room | JS 4 I | DB | | | | Loc | cation: | 1st I | Flooi | r, Ho | lmes | Suite, | Roon | ı JS 4 | ļ | Supp | olied | from | : | | 1 | st Flo | or Su | b DB | - 11 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eug | rz (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | <u></u> | | | | | | <u> </u> | | | | | <u> </u> | F | | | | | | | <u>~</u> | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | |) - Oth | or | | |
| TYP | S FOR Thermoplastic | Thermop cables metallic c | in | t | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | ermopla ables in tallic tr | ۱ | | noplas A cable | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| C | DISTRIB | UTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------|--|---------|----------------------------|----------------|------------------|----------------------------|---|------------------------|--|-------------------------------------|--------|------------|---------------------------|---|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|-------------|-------|-----------------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | | | Room | JS 5 [| DВ | | | | Lo | cation: | 1st F | looi | , Ho | lmes | Suite, I | Room | JS 5 | 5 | Supp | lied 1 | from | : | | 1 | st Flo | or Su | b DB | - 10 | L3 | | |
| Distrib | ution circu | it OCPD: | BS (| EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Ty | pes: | T1 | N/A | T2 | N/A | Т | -3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of s | supply po | larity | ✓ | | Со | nfirn | natio | n of p | ohase | e sequenc | е | 1 | N/A | | · | | • | ŕ | | | | Zs at | DB: | (|).35 <u>c</u> | 2 | ļį | of at I | DB: | 0.61 | 9kA |
| S | CHEDUI | LE OF (| CIRCL | JIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent pr | otecti | ve dev | ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | | Circuit desc | ription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) eui | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sock | kets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | | 0.35 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Lights & Co | ontactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.43 | | 500 | > 999 | > 999 | ✓ | 0.78 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR E OF in | A Thermoplas ssulated/shea cables | | Thermore cables metallic o | s in | | | C ermopl cables etallic | in | it | Thermopla cables metallic tru | n | r | C | E rmoplas ables in tallic tru | ı | Therm /SWA | F noplas | | | G rmoset WA cab | | in | Mine Sulated | | es | | C | o - Oth N/A | | | |
| | DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test | instrumer | nts use | d (serial | | | | umbe | ers): | т. | naulation | roc!- | + | | | | | | | | | | Car | stinu: | i+ | | | | | | | |
| | unctional: | ociotanos | | | 1022 | 20/3 | 94 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ity: | | | | | | | - |
| | electrode r | | • | | | | | | | | arth fault | 1000 | imp | euar | ice: | | | | | | | | RCI | J: | | | | | | | | |
| | ESTED | | - 0.4-1 | | | |) | | | | Ela el | | _ | | | C: | | | | | 11:1 | IC I | u | | | | Det | | 20 | /00 / | 2024 | |
| Nam | rm is based | Marti | | | Anna | | Position | | 671. | 2010 | Elect | | n | | | Sigr | nature | • | | | Μ, Λ | ~~~ | | | LEL | 20240 | Date | | | /08/ | | |
| 1115 101 | iii is baset | u on the r | nouel s | SHOWII III | Ahhe | iluix | 0 01 | ר כט | 0/1: | ZUIC | 7 HZ. ZUZ | ۷. | | | | | | | | | | | | Kel: | | 20240 | ラリラエム | 2200 | T - P | aye: | // 01 | 233 |

| S | DB reference: | | IAI | LS I | AND | | 5 11 | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-----------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|--|---------|------|------------------------------|------------|-----------|-----------------------------|-------------|-------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| | | Room J | IS 5 I | DB | | | | Loc | cation: | 1st I | Flooi | r, Ho | Imes | Suite, | Roon | ı JS 5 | 5 | Supp | olied | from | | | 1 | st Flo | or Su | b DE | - 10 | L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | <u></u> | | | | | | <u></u> | | | <u>a</u> 8 | Σă | | | ਲ ਹ | | | | | | R2 | | | | | ΣΕ | <u>=</u> = | | Σ č |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermopl cables metallic co | in | | | cables etallic | in | it | Thermop cables metallic tr | in | ı | c | E ermopla ables in tallic tr | n | | noplas A cable | | | rmosei WA cal | | in | Mine sulated | | s | | | O - Oth N/A | | | |

| D | ISTRIBUTION | BOARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------------------------------|------------------|----------------|------------------|----------------------------|-------------------------------------|------------------------|--|---------------------------------------|--------|------------|---------------------------|--|-----------------------|---------------|------------------------------|--------|-----------|-----------------------------|-------------|--------------------------------|----------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--|
| DB r | eference: | Room | JS 6 I | DB | | | | Loc | cation: | 1st F | loor | , Ho | Imes | Suite, I | Room | JS 6 | 5 9 | Suppl | lied f | rom: | | | 1 | st Flo | or Su | b DB | - 10 | L1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | CBC |) | | Т | ype: | 1 | 3 | Rati | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | 3 [| N/A | N, | /A 🗸 | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pol | arity 🗸 | | Co | nfirn | natior | n of p | hase | sequenc | :e | N | 1/A | | a,a | | p. 50 | , | | | | Zs at | DB: | C | 0.26 Ω | 2 | Ιŗ | of at I | OB: | 0.89 | 8kA |
| S | CHEDULE OF C | CIRCUIT DE | TAI | LS A | AND | TE | ST F | RESI | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT [| | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcuri | ent pr | otectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| Circuit number | Circuit desci | ription | Type of wiring | Reference method | Number of points served | Live (mm ²) pue mn | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | | r1 (line) | rn (neutral) eu | rcuit (cbc) | R ₁ +R ₂ | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | A | C | 4 | 2.5 | | 0.4 | 60898 | В | 20 | <u>ო</u> წ | 2.19 | <u> </u> | | | | | | | 0.21 | | | | | | 0.47 | | | Σο_ |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.36 | | 500 | > 999 | > 999 | ✓ | 0.62 | | | |
| 3 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.59 | | 500 | > 999 | > 999 | ✓ | 0.85 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE TYP WIR | E OF insulated/shea | tic Thermo | es in | | (| C ermopla cables i etallic | in | t | Thermopla cables i metallic tru | in | n | C | E ermopla ables in tallic tr | 1 | Thern /SW/ | F noplas | | | G moset VA cab | | ins | H Mine sulated | | es . | | 0 | - Oth N/A | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrumer unctional: | its used (serial | | or as 2673 | | umbe | ers): | Ir | sulation | resis | tance | e: | | | | | | | | | Cor | itinui | tv: | | | | | | | |
| | electrode resistance | : | 102 | | | | | | arth fault | | | | ice: | | | _ | | | | | RCI | | -,. | | | | | | | \dashv |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | n Mckeown | | P | ositio | on: | | | Elect | ricia | n | | | Sign | nature | : | | | H.L | ll | | | | | Date | e: | 29 | /08/ | 2024 | |
| his for | m is based on the n | nodel shown ir | 1 Арре | endix | 6 of | BS 7 | 671: | 2018 | | | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | | | | |

| S | CHEDULE OF CIRCU | TII DEI | AL | LS / | AND | TE | STI | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
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| DB reference: | | Room J | S 6 I | DB | | | | Loc | cation: | 1st I | Flooi | r, Ho | lmes | Suite, | Room | ı JS 6 | 5 | Supp | olied | from | : | | 1 | st Flo | or Su | b DE | - 10 | L1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermople cables metallic co | in | | | C ermopl cables etallic | in | it | Thermop cables metallic tr | in | 1 | c | E rmopla ables in tallic tr | ۱ | | F noplas A cable | | | G rmose WA cab | | in | Mine sulated | | :S | | (| o - Oth N/A | | | |

| D | DISTRIBUTION | I BOARI |) DET | AI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-----------|---|----------------|------------------|----------------------------|---|------------------------|---|---------------------------------------|-------|------------|---------------------------|--------------------------------------|-----------------------|---------------|-------------------------------|------------|-----------|------------------------------|----------|--------------------------------|-----------------|------------------|---------------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | | Room : | 17 D | В | | | | Lo | cation: | | 1 | Lst F | loor, | Room 1 | 17 | | | Supp | olied 1 | rom | | | 1 | 1st Flo | oor Su | ıb DE | 3 - 8L | _2 | | |
| Distrib | oution circuit OCPD: | BS (EN) |): | | | 610 | 09 R | CD/F | RCBO |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/ | А т | 2 | N/A | Т | -3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | larity | \checkmark | | Co | nfirn | natio | n of p | ohase | e sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C |).25 <u>s</u> | 2 | lţ | pf at I | DB: | 0.92 | 20kA |
| S | CHEDULE OF (| CIRCUIT | T DET | AI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcurr | ent p | rotectiv | /e dev | ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) eui | rz (cbc) | R ₁ +R ₂ | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.24 | | 500 | > 999 | | | 0.49 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.35 | | 500 | > 999 | > 999 | ✓ | 0.60 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.55 | | 500 | > 999 | > 999 | ✓ | 0.80 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplas E OF insulated/she RING cables | athed | B Thermopla cables netallic co | in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | r | C | E rmopla ables in tallic tr | n | Thern /SW/ | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | S | | 0 | o - Oth N/A | | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume | | | | | set n | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 1 | 1022 | 2673 | 94 | | | I | nsulation | resis | stance | e: | | | | - | | | | | Con | itinui | ty: | | | | | | | |
| Earth 6 | electrode resistance | 2: | | | | | | | Е | arth fault | loop | imp | edar | ice: | | | - | | | | | RCE |): | | | | | | | | |
| T | TESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | _ | n Mckeov | wn | | Р | ositio | on: | | | Elect | ricia | ın | | | Sign | nature | : | | | H.J | w | | | | | Date | e: | 29 | /08/ | 2024 | Į. |
| his for | rm is based on the | model sho | wn in A | Арре | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 81 of | f 253 |

| | DISTRIBUTION BO | DISTRIBUTION BOARD DETAILS DB reference: Room 18 DB Location: 1st Floor, Room 18 Supplied from: 1st Floor Sub DB - 8L1 istribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------------------|---|----------------|------------------|----------------------------|--------------------|------------------------|---|--------------------------|-------|------------|---------------------------|-----------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|--------------|-------|-----------------------------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB i | reference: | Room | 18 D | В | | | | Lo | cation: | | | 1st F | loor, | Room | 18 | | | Supp | olied | from | : | | | 1st Flo | or Su | ıb DE | 3 - 8L | .1 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | ٦ | Гуре | : | В | Rati | ng/S | Settir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/ | Α | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | е | ſ | N/A | | | | | | | | | Zs a | t DB: | (| ວ.28 ເ | 2 | Ιŗ | of at | DB: | 0.82 | 2kA |
| S | SCHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | - | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcur | ent p | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | and (zu | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | ircuit (cbc) | R1+R2 | ⊦R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla | stic | | F | | | G | | | H | | | | O | - Oth | er | | |
| TYP | PE OF insulated/sheathed cables | cable metallic | s in | | | cables etallic | in | it | cables i metallic tru | n | | | cables in etallic tr | n | Thern /SW/ | noplas A cabl | | | rmose WA cal | | in | Mine sulate | eral d cable | es | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | sed (serial | | | | iumb | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | functional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth | electrode resistance: | | | | | | | E | arth fault | loop | imp | edaı | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| 1 | TESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | ckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sigi | nature | : | | | H.) | uce | u | - | | | Date | e: | 29 | /08/ | 2024 | ŀ |
| his fo | rm is based on the mode | l shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 82 of | f 253 |

| | DISTRIBUTION | I BOARI | D DET | ΓΑΙ | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------------|------------|-----------------------|----------------|------------------|----------------------------|--------------------|------------------------|--|--------------------------|-------|------------|---------------------------|------------------------------------|-----------------------|--------------|------------------------------|------------|-----------|------------------------------|----------|----------|-----------|------------------|-------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | | Room | 19 D | В | | | | Lo | cation: | | 1 | Lst F | loor, | Room 1 | L9 | | | Supp | olied 1 | rom | : | | 1 | 1st Flo | oor Su | ıb Di | 3 - 9l | _3 | | |
| Distrib | oution circuit OCPD: | BS (EN | I): | | | 610 | 09 R | CD/F | RCBO |) | | Т | ype: | ı | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/ | /A T | 2 | N/A | Т | -3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | larity | ✓ | | Со | nfirn | natio | n of p | hase | e sequenc | е | ١ | I/A | | | | | | | | | Zs at | t DB: | C |).21 ⁽ | 2 | lį | pf at I | DB: | 1.0 | 7 kA |
| S | CHEDULE OF | CIRCUI | T DET | ΓΑΙ | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Condu | uctor c | letails | | (s) | Overcurr | ent p | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) eui | rz (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.27 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.04 | | 500 | > 999 | > 999 | ✓ | 0.25 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.68 | | 500 | > 999 | > 999 | ✓ | 0.89 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
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| | S FOR Thermopla | | B Thermopl | lastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E rmopla | stic | Thous | F | ti o | The | G | tina | | H Mine | | | | C | Oth | | | |
| | RING insulated/she cables | | cables netallic co | | | | cables etallic | | it | cables i metallic tru | | r | | ables ir tallic tr | | Thern /SW | A cable | | | rmoset WA cab | | ins | | d cable | s | | | N/A | | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume | nts used (| • | | | | umbe | ers): | | | | | | | | | | | | | | C | | | | | | | | | |
| | unctional: | | | 1022 | 26/3 | 94 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| | electrode resistance | 2: | | | | | | | E | arth fault | loop | ımp | edar | ice: | | | - | | | | | RCI | J: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | n Mckeo | | | | ositio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | <u> </u> | - | | | Date | e: | 29 | /08/ | 2024 | ļ |
| his for | rm is based on the | model sho | own in A | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 83 of | f 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-------------------------------|----------------|------------------|----------------------------|---|------------------------|---|---------------------------------------|-------|------------|---------------------------|----------------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|------------------------------|-------------|--------------------------------|-----------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 20 D | В | | | | Lo | cation: | | : | Lst F | loor, | Room | 20 | | | Supp | olied | from | : | | : | 1st Flo | oor Su | ıb DE | 3 - 9L | _2 | | |
| Distrib | oution circuit OCPD: BS | (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | уре | : | В | Rati | ng/S | Settir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | ✓ | | Co | nfirn | natio | n of p | hase | e sequenc | e | 1 | N/A | | | | | | | | | Zs a | t DB: | (| 0.22 🛭 | 2 | Ιŗ | of at | DB: | 1.0 | 5 kA |
| S | CHEDULE OF CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcuri | ent p | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | rn (neutral) | rcuit (cbc) | R ₁ +R ₂ | ⊦R2 R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.27 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 1.13 | | 500 | > 999 | > 999 | ✓ | 1.35 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.35 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 1.29 | | 500 | > 999 | > 999 | ✓ | 1.51 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic | s in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | in | ī | | E ermopla cables in | n | Thern /SW/ | F noplas A cabl | | | G ermose WA cal | | in | Mine sulated | | es . | | O | o - Oth N/A | | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us | • | | | | iumb | ers): | т. | nsulation | rocia | tanc | ٥. | | | | | | | | | Co | atio | it. | | | | | | | |
| | unctional: | | 1022 | 26/3 | 394 | | | | | | | | | | | - | | | | | | ntinui | ity: | | | | | | | - |
| | electrode resistance: | | | | | | | | arth fault | loop | ımp | edai | nce: | | | _ | | | | | RC | υ: | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| Nam | | | | | Positio | | | | Elect | | ın | | | Sigi | nature | : | | | μ.) | ul | u | | | | Date | | | /08/ | | |
| his for | rm is based on the model | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 84 of | 253 |

| | DISTRIBUTION | I BOARD | DET | AIL | _S | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------|-------------------------------------|------------------|----------------------------|---------|-----------------------------|---|---------|---------------------------------------|------------|---------------------------|------------------------------------|---------------------------------|-----------------------|------------------------------|------------------|-----------|------------------------------|------------------|--------------------------------|-------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|-------|
| DB r | reference: | R | Room 2 | 21 DI | В | | | | Lo | cation: | | 1 | Lst F | loor, | Room 2 | 21 | | | Supp | olied 1 | from | | | 1 | 1st Flo | oor Su | ıb DE | 3 - 81 | _3 | | |
| Distrib | oution circuit OCPD: | BS (EN) | : | | | 610 | 09 R | CD/F | RCBO |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | A T2 | 2 [| N/A | Т | -3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | larity | \checkmark | | Со | nfirn | natio | n of p | ohase | e sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | Ιŗ | pf at | DB: | 0.98 | 39kA |
| S | CHEDULE OF (| CIRCUIT | DET | AIL | S A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Condu | ıctor d | letails | | (s) | Overcurr | ent p | rotectiv | /e dev | ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit desc | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eug | rz (cbc) | R ₁ +R ₂ | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Δ | | В | | | | С | | | D | | | | E | | | F | | | G | | | н | 1 | | | |) - Oth | er | | |
| TYP | S FOR Thermoplas IE OF insulated/she RING cables | athed | hermopla cables i etallic cor | in | | (| ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | r | C | rmopla ables ir tallic tr | ı | Thern /SW/ | noplas A cabl | | | rmoset WA cab | | ins | Mine | | S | | | N/A | | | |
| C | DETAILS OF TE | ST INST | RUM | EN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume | nts used (s | | | | | umbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 1 | L022 | 2673 | 94 | | | | nsulation | | | | | | | - | | | | | | tinui | ty: | | | | | | | |
| Earth 6 | electrode resistance | 2: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Marti | n Mckeow | vn | | P | ositio | on: | | | Elect | ricia | ın | | | Sign | ature | : | | | H.J | ll | u | | | | Date | e: | 29 | /08/ | 2024 | 1 |
| his for | rm is based on the i | model shov | wn in A | Apper | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 85 of | f 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------------|----------------|------------------|----------------------------|--------------------|------------------------|---|--------------------------|--------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|------------------|--------------|-------|-----------|------------------|---------------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB i | reference: | Room | 22 D | В | | | | Lo | cation: | | 2 | Lst F | loor, | Room | 22 | | | Supp | olied | from | : | | | 1st Flo | oor Su | ıb DE | 3 - 9L | .1 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | Т | ype | | В | Rati | ng/S | Settir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | Details: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | J/A ✓ | | | | | ndicator ality inc | | | | | N/ | Α | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | е | 1 | N/A | | | | | | | | | Zs a | t DB: | (| 0.21 🛭 | 2 | lp | of at | DB: | 1.1 | 1 kA |
| 9 | SCHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | otecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | and (zu | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | rn (neutral) | ircuit (cbc) | R1+R2 | ⊦R2 R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.29 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.29 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla | stic | Thous | F | nti n | The | G | ttin a | | H Mine | | | | 0 | - Oth | | | |
| | PE OF insulated/sheathed cables | cable metallic | | | | cables etallic | | it | cables i metallic tru | | r | | ables in tallic tr | | Thern /SW/ | A cabl | | | ermose WA cal | | in | sulated | | es | | | N/A | 1 | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us functional: | sea (seriai | 102 | | | iumb | ers): | т | nsulation | racio | tanc | ۵. | | | | | | | | | Cor | ntinui | itv | | | | | | | |
| | electrode resistance: | | 102. | |)J 4 | | | | arth fault | | | | 201 | | | | | | | | | | icy. | | | | | | | |
| | | | | | | | | | arur rault | 100 | ппр | eudi | ice: | | | | | | | | RCI | J. | | | | | | | | |
| | TESTED BY | | | | | | | | | | | | | | | | | | 11. | 1101 | | | | | _ | | | /a = : | | |
| Nam | | | | | Positio | | | | Elect | | n | | | Sigi | nature | : | | | μ,, | ull | u | | | | Date | | | /08/ | | |
| nis to | rm is based on the mode | el shown in | Appe | endix | 6 of | BS 7 | 6/1: | 2018 | 3+A2:202 | ۷. | | | | | | | | | | | | Ref: | LFL | 20240 | 90912 | 3908 | 1 - P | age: | 86 of | 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------|-------------------|----------------|------------------|----------------------------|--------------------|------------------------|--|--------------------------|--------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|--------------------------|--------------|-------|----------------|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 23 D | В | | | | Lo | cation: | | 2 | 1st F | loor, | Room 2 | 23 | | | Supp | olied | from | : | | | 1st Flo | oor Su | ıb DE | 3 - 7L | .2 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | уре: | 1 | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | J/A ✓ | | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | ohase | e sequenc | е | 1 | N/A | | | | | | | | | Zs a | t DB: | (| 0.29 🖸 | 2 | lp | of at | DB: | 0.80 |)2kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | otecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ition res | istance | | Zs | RC | D. | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | ircuit (cbc) | R1+R2 | ⊦R2 R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.44 | | 500 | > 999 | > 999 | ✓ | 0.73 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.33 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.49 | | 500 | > 999 | > 999 | ✓ | 0.78 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla | stic | | F | | | G | | | H | | | | 0 | - Oth | er | | |
| | insulated/sheathed cables | cable metallic | | : | | cables etallic | | it | cables i metallic tru | n | r | | ables in | | Thern /SWA | noplas A cabl | | | rmose WA cab | | in | Mine sulate | | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | sed (serial | | | | iumb | ers): | | | | | | | | | | | | | | 6 | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | | | | | | | ntinui | ty: | | | | | | | |
| Earth (| electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | ckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H. | ll | u | - | | | Date | e: | 29 | /08/ | 2024 | , |
| his for | rm is based on the mode | el shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 87 of | 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------------------|-------------------|----------------|------------------|----------------------------|--------------------|------------------------|---|--------------------------|--------|------------|---------------------------|-----------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|-----------------|--------------|-------|----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB i | reference: | Room | 24 D | В | | | | Lo | cation: | | | 1st F | loor, | Room | 24 | | | Supp | olied | from | : | | | 1st Flo | oor Su | ıb DE | 3 - 6L | .3 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | : | В | Rati | ng/S | Settir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | Details: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/ | A | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | е | ſ | N/A | | | | | | | | | Zs a | t DB: | (| 0.30 | 2 | lp | of at | DB: | 0.76 | 1kA |
| 9 | SCHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | rn (neutral) | ircuit (cbc) | R1+R2 | ⊦R2 R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.57 | | 500 | > 999 | > 999 | ✓ | 0.87 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F | | | G | | | H | | | | O | - Oth | er | | |
| TYP | PE OF insulated/sheathed cables | cable metallic | s in | | | cables etallic | in | it | cables i metallic tru | n | | | cables in etallic tr | n | Thern /SW/ | noplas A cabl | | | rmose WA cal | | in | Mine sulate | eral d cable | s | | | N/A | | | |
| | DETAILS OF TEST 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | sed (serial | | | | iumb | ers): | | | | | | | | | | | | | | 6 | | | | | | | | | |
| | functional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth | electrode resistance: | | | | | | | E | arth fault | loop | imp | edaı | nce: | | | | | | | | RCI | D: | | | | | | | | |
| 1 | TESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | ckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sigi | nature | : | | | H., | uce | u | - | | | Date | e: | 29 | /08/ | 2024 | Ļ |
| his fo | rm is based on the mode | el shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 88 of | 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------------------|-------------------|----------------|------------------|----------------------------|--------------------|------------------------|---|--------------------------|--------|------------|---------------------------|-----------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|--------------|-------|-----------------------------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB i | reference: | Room | 25 D | В | | | | Lo | cation: | | : | 1st F | loor, | Room | 25 | | | Supp | olied | from | : | | : | 1st Flo | oor Su | ıb DE | 3 - 6L | .1 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | : | В | Rati | ng/S | Settir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | Details: Types: T1 | N/A | T2 | N/A | 7 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/ | A | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | е | ſ | N/A | | | | | | | | | Zs a | t DB: | (| 0.33 🔉 | 2 | lp | of at | DB: | 0.69 | 8kA |
| 9 | SCHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | T | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | R1+R2 | +R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.71 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla | stic | | F | | | G | | | ŀ | | | | O | - Oth | er | | |
| TYP | PE OF insulated/sheathed cables | cable metallic | s in | | | cables etallic | in | it | cables i metallic tru | n | | | cables in etallic tr | n | Therr /SW/ | noplas A cabl | | | rmose WA cal | | in | Min | | s | | | N/A | | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | sed (serial | | | | iumb | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | functional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinu | ity: | | | | | | | |
| Earth | electrode resistance: | | | | | | | E | arth fault | loop | imp | edaı | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| 1 | TESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | ckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sigi | nature | : | | | H.) | uce | u | 1 | | | Date | e: | 29 | /08/ | 2024 | ŀ |
| his fo | rm is based on the mode | el shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 89 of | f 253 |

| D | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--------------|----------------|------------------|----------------------------|--------------------|------------------------|--|--------------------|--------|------------|---------------------------|------------------------------------|-----------------------|--------|------------------------------|------------|-----------|--------------------|--------------|------------------|------------------|----------------|---------------|----------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Room | 1 26 D | В | | | | Lo | cation: | | | 1st F | loor, | Room | 26 | | | Supp | olied | from | : | | | 1st Flo | oor Su | ıb DI | 3 - 5L | _2 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | 1 | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | Т | T3 | N/A | N | I/A ✓ | | | | | ndicator ality inc | | | | | N/A | А | | | | | | | | | | |
| Confir | mation of supply polarity | · ✓ | | Со | nfirn | natior | n of p | hase | e sequenc | e | ſ | N/A | | | | | | | | | Zs at | t DB: | (| 0.34 🛭 | 2 | ļį | of at | DB: | 0.65 | 7kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcuri | ent pi | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | oe. | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | 90 | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | R1+R2 | R ₂ | st voltage (V) | e - Live (MΩ) | e - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| _ ច ែ 1 | Oven | | A | C % | 1 | 2.5 | 1.5 | | 60898 | Пуре | 20 | 6 8 | 2.19 | | Туре | | | | | | <u>₹</u> 0.16 | R2 | Test | > 999 | > 000 | | 0.50 | | | |
| 2 | Room Sockets | | A | C | 4 | 2.5 | 1.5 | | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | | > 999 | | | 0.30 | | | |
| 3 | Fridge | | A | С | 2 | 2.5 | 1.5 | | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | | > 999 | | | 0.49 | | | |
| | Heater | | A | С | 2 | 2.5 | 1.5 | | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.30 | | | > 999 | | | 0.40 | | | |
| 5 | Hob & Extractor | | A | С | 2 | 2.5 | 1.5 | | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.07 | | | > 999 | | • | 0.41 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.63 | | | > 999 | | • | 0.97 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S FOR Thermoplastic insulated/sheathed | Thermo cable | plastic | | | C ermopl | | | D Thermople | | | | E ermopla | | Thern | | | | G rmoset | | | H Mine | eral | | | C | 0 - Oth N/A | | | |
| WIR | RING cables | metallic | conduit | | | etallic | | it | metallic tru | | | | tallic tr | | /SWA | A cable | es | /S | WA cab | oles | in | sulated | d cable | :S | | | 14/7 | • | | |
| | DETAILS OF TEST In the second | | | | set n | umbe | ers). | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | oca (ociiai | 1022 | | | arrib. | | I | nsulation | resis | stanc | e: | | | | - | | | | | Cor | ntinui | ity: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | _ | ckeown | | P | Positio | on: | | | Elect | ricia | ın | | | Sigi | nature | : | | | H. J | uce | u | - | | | Date | e: | 29 | /08/ | 2024 | |
| his for | rm is based on the mode | l shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 31 - P | age: | 90 of | 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------|-------------------|----------------|------------------|----------------------------|--------------------|------------------------|---|--------------------------|-------|------------|---------------------------|-----------------------------|-----------------------|---------------|------------------------------|------------|-----------|------------------|--------------|-------|----------------|------------------|---------------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 27 D | В | | | | Lo | cation: | | | 1st F | loor, | Room | 27 | | | Supp | olied | from | : | | | 1st Flo | oor Su | ıb DE | 3 - 41 | .3 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | : | В | Rati | ng/S | Settir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | J/A ✓ | | | | | ndicator ality ind | | | | | N/ | Α | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | e | ſ | N/A | | | | | | | | | Zs a | t DB: | (| 0.36 🛭 | 2 | lp | of at | DB: | 0.64 | 6kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | R1+R2 | ⊦R2 R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.35 | | 500 | > 999 | > 999 | ✓ | 0.71 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.43 | | 500 | > 999 | > 999 | ✓ | 0.79 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F | | | G | | | ۲ | | | | O | - Oth | er | | |
| TYP | insulated/sheathed cables | cable metallic | s in | | | cables etallic | in | it | cables i metallic tru | in | | | cables in etallic tr | n | Thern /SW/ | noplas A cabl | | | ermose WA cal | | in | Mine sulate | | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | sed (serial | | | | iumb | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | Cor | ntinui | ity: | | | | | | | |
| Earth (| electrode resistance: | | | | | | | E | arth fault | loop | imp | edaı | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | keown | | F | Positio | on: | | | Elect | ricia | ın | | | Sigi | nature | : | | | H. | uce | u | - | | | Date | e: | 30 | /08/ | 2024 | , |
| his for | rm is based on the mode | l shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL | 20240 | 90912 | 3908 | 1 - P | age: | 91 of | 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------|-------------------|----------------|------------------|----------------------------|--------------------|------------------------|---|--------------------------|--------|------------|------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|------------------|--------------|-------|----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 28 D | В | | | | Lo | cation: | | 2 | 1st F | loor, | Room 2 | 28 | | | Supp | olied | from | : | | | 1st Flo | oor Su | ıb DE | 3 - 41 | .1 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | Т | уре: | | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | J/A ✓ | | | | | ndicator ality ind | | | | | N/ | Д | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | е | 1 | N/A | | | | | | | | | Zs at | t DB: | C | 0.38 Ω | 2 | lp | of at | DB: | 0.60 |)4kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | otecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ition res | istance | | Zs | RC | D. | AFDD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) eug | ircuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.03 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.62 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.52 | | 500 | > 999 | > 999 | ✓ | 0.90 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla | stic | | F | | | G | | | H | | | | O | - Oth | er | | = |
| TYP | insulated/sheathed cables | cable metallic | s in | | | cables etallic | in | it | cables i metallic tru | n | r | (| ables in | 1 | Thern /SWA | noplas A cabl | | | rmose WA cat | | in | Mine sulate | eral d cable | S | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | sed (serial | | | | iumb | ers): | _ | | | _ | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth (| electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | keown | | F | Positio | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H. | uce | u | - | | | Date | e: | 29 | /08/ | 2024 | , |
| his for | rm is based on the mode | l shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 92 of | 253 |

| D | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---------------------------|-----------------------------|-----------------|------------------|----------------------------|----------------------------------|------------------------|--|-------------------------------------|--------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|--------------|-------|-----------------|-------------|---------------|----------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Room | 1 29 D | В | | | | Lo | cation: | | : | 1st F | loor, | Room 2 | 29 | | | Supp | olied | from | : | | : | 1st Flo | oor Su | ıb DE | 3 - 4L | .2 | | |
| Distrib | ution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | ı | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . Т | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | А | | | | | | | | | | |
| Confirr | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | e | ſ | N/A | | | | | | | | | Zs at | t DB: | (| 2 88.0 | 2 | Ιŗ | of at | DB: | 0.60 | 3kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcuri | ent pi | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit description | ı | e of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | a | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | a | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | R1+ | | voltage (V) | e - Live (MΩ) | ։ - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Ö | | | Туре | | Nur | Live | Срс | Мау | BS | Туре | Rati | Bre | Мау | BS | Туре | Rat | Rati | 11 (| r _n (| 12 (| R1+R2 | R2 | Test | Live | Live | Pola | Max | Disc | Test | Mar |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.70 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.49 | | 500 | > 999 | > 999 | ✓ | 0.87 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE TYP WIR | | Thermo cable metallic | plastic s in | | | C ermopl cables etallic | in | it | Thermopla cables metallic tru | in | | (| E ermopla cables in | 1 | Therm /SWA | F noplas | | | G rmoset WA cat | | in | Mine sulated | eral | es | | C |) - Oth N/A | | | |
| D | ETAILS OF TEST | INSTRU | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deta | ils of test instruments u | sed (serial | | | | iumbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| 1ulti-f | unctional: | | 1022 | 2673 | 394 | | | I | nsulation | resis | stanc | e: | | | | - | | | | | Cor | ntinui | ity: | | | | | | | |
| Earth e | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Martin Mo | ckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sigr | nature | : | | | H.J | uce | u | _ | | | Date | e: | 29 | /08/ | 2024 | |
| his for | m is based on the mode | l shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 93 of | 253 |

| D | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-----------------------------|-----------------|------------------|----------------------------|-----------------------------------|------------------------|--|-------------------------------------|---------------|------------|---------------------------|----------------------------------|-----------------------|---------------|------------------------------|------------|-----------|-------------------------------|--------------|-----------------|-----------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Room | 1 30 D | В | | | | Lo | cation: | | : | 1st F | loor, | Room | 30 | | | Supp | olied | from | : | | : | 1st Flo | oor Su | ıb DE | 3 - 5L | .1 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | ٦ | Гуре | : 1 | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | Т | T3 | N/A | N | I/A ✓ | | | | | ndicator ality inc | | | | | N/A | А | | | | | | | | | | |
| Confir | mation of supply polarity | · ✓ | | Со | nfirn | natior | n of p | hase | e sequenc | е | ſ | N/A | | | | | | | | | Zs at | t DB: | (| 0.37 🛭 | 2 | Ιŗ | of at | DB: | 0.62 | .6kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcuri | ent pi | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | s (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| | Oven | | ⊢≥ A | C % | <u> </u> | 2.5 | ੀ.5 | | 60898 | <u>}</u> B | 20 | 6 6 | 2.19 | | <u></u> | Cu R3 | Rg | | | -1- | <i>-</i> 2 0.14 | R2 | | > 999 | | | ž Ē 0.51 | tir | -T- | <u>Σ</u> ο |
| 2 | Room Sockets | | A | С | 4 | 2.5 | 1.5 | | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | | | > 999 | | 0.68 | | | |
| 3 | Fridge | | A | С | 2 | 2.5 | 1.5 | | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | | > 999 | | | 0.51 | | | |
| 4 | Heater | | A | С | 2 | 2.5 | 1.5 | | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.24 | | | > 999 | | | 0.61 | | | |
| 5 | Hob & Extractor | | Α | C | 2 | 2.5 | 1.5 | | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.17 | | | > 999 | | | 0.54 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.46 | | 500 | > 999 | > 999 | √ | 0.83 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermo cable metallic | plastic s in | | | C ermople cables etallic | in | it | Thermopla cables metallic tru | n | | (| E ermopla cables ir | n | Thern /SW/ | F noplas | | | G ermoset WA cat | | in | H Mine sulated | eral | :S | | C |) - Oth N/A | | | |
| D | DETAILS OF TEST 1 | INSTRU | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deta | ails of test instruments u | sed (serial | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| ∕lulti-f | unctional: | | 1022 | 2673 | 394 | | | I | nsulation | resis | stanc | e: | | | | - | | | | | Cor | ntinui | ity: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | E | arth fault | loop | imp | edaı | nce: | | | _ | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | ckeown | | P | Positio | on: | | | Elect | ricia | ın | | | Sigi | nature | : | | | H. J | uce | u | | | | Date | e: | 29 | /08/ | 2024 | |
| his for | rm is based on the mode | l shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 94 of | 253 |

| DISTRIBUTION | BOARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|----------------|------------------|----------------------------|--------------------|------------------------|--|------------------------|---------|------------|---------------------------|------------------------------------|-----------------------|----------|------------------------------|------------|-----------|------------------------------|-------------|-------|-----------|------------------|---------------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB reference: | Room | 31 C | В | | | | Loc | cation: | | 1 | Lst F | loor, | Room 3 | 31 | | | Supp | olied 1 | from | : | | | 1st Flo | oor Su | b DI | 3 - 5L | .3 | | |
| Distribution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD Details: Types: | T1 N/A | T2 | N/A | . 7 | 73 | N/A | N | I/A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirmation of supply pol | arity 🗸 | | Со | onfirn | nation | n of p | hase | e sequenc | e | N | I/A | | | | | | | | | Zs at | DB: | (|).36 <u>c</u> | 2 | ļį | of at I | DB: | 0.61 | 6kA |
| SCHEDULE OF C | IRCUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | Cond | uctor o | letails | | (s) | Overcuri | rent pi | otectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| Circuit description | ription | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) eug | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | <u> </u> | | | | | | 0.06 | | | > 999 | | | 0.42 | | | |
| 2 Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 3 Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 4 Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 5 Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 6 Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.64 | | | |
| 7 Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES FOR Thermoplas | | plastic | | | C ermopl | | | D Thermopla | | | | E ermopla | | Thern | F noplas | stic | The | G rmoset | tina | | H Mine | | | | C | - Oth | | | |
| TYPE OF insulated/shea cables | athed cable metallic | | | | cables etallic | | t | cables metallic tru | | n | | tallic tr | | | A cabl | | | WA cat | | in | | d cable | s | | | N/A | | | |
| DETAILS OF TE | | | | | | \. | | | | | | | | | | | | | | | | | | | | | | | |
| Details of test instrumer Multi-functional: | its used (serial | | or as 2673 | | umbe | ers): | Tı | nsulation | resis | tance | ۹: | | | | _ | | | | | Cor | ntinui | tv: | | | | | | | |
| Earth electrode resistance | | 102 | | ,,, | | | | arth fault | | | | nce: | | | | | | | | RCI | | .,. | | | | | | | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TESTED BY Name: Martin | n Mckeown | | E | Positi | on: | | | Elect | ricia | n | | | Sian | nature | | | | H J | ICI . | u_ | | | | Date | ٠. | 20 | /08/ | 2024 | |
| This form is based on the n | | Appe | | | | 671: | 2018 | | | •• | | | Sigi | .acarc | • | | | (() 2 | | | | LFL2 | 20240 | 90912 | | | | | |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------|-------------------|----------------|------------------|----------------------------|--------------------|------------------------|---|--------------------------|--------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|--------------------------|--------------|-------|----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 32 D | В | | | | Lo | cation: | | 2 | 1st F | loor, | Room | 32 | | | Supp | olied | from | : | | | 1st Flo | oor Su | ıb DE | 3 - 6L | .2 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | Т | уре: | | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | J/A ✓ | | | | | ndicator ality ind | | | | | N/ | Д | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | е | 1 | N/A | | | | | | | | | Zs a | t DB: | (| 0.35 ⊆ | 2 | lp | of at I | DB: | 0.78 | 32kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | otecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ition res | istance | | Zs | RC | D. | AFDD |
| Circuit number | Circuit description | 1 | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | ircuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.64 | | 500 | > 999 | > 999 | ✓ | 0.99 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla | stic | | F | | | G | | | H | | | | O | - Oth | er | | = |
| TYP | insulated/sheathed cables | cable metallic | s in | | | cables etallic | in | it | cables i metallic tru | n | r | (| ables in tallic tr | 1 | Thern /SW/ | noplas A cabl | | | rmose WA cat | | in | Mine sulate | | S | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments u | sed (serial | | | | iumb | ers): | _ | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | Cor | ntinui | ty: | | | | | | | |
| Earth (| electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin Mo | keown | | F | Positio | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H. | uce | u | - | | | Date | e: | 29, | /08/ | 2024 | , |
| his for | rm is based on the mode | l shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 96 of | 253 |

| | DISTRIBUTION | I BOARI | D DET | AIL | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------------------------------|------------|-------------------------|----------------|------------------|----------------------------|--------------------|------------------------|--|--------------------------|-------|------------|---------------------------|------------------------------------|-----------------------|-------|------------------------------|------------|-----------|------------------------------|----------|----------|-----------|------------------|---------------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | | Room | 33 D | В | | | | Lo | cation: | | 1 | Lst F | loor, | Room 3 | 33 | | | Supp | olied 1 | rom | : | | 1 | Lst Flo | oor Su | ıb D£ | 3 - 7L | _1 | | |
| Distrib | oution circuit OCPD: | BS (EN) |): | | | 610 | 09 R | CD/F | RCBO |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/ | Ά Τ | 2 | N/A | Т | -3 | N/A | N | I/A ✓ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | larity | \checkmark | | Со | nfirm | natior | n of p | hase | e sequenc | е | 1 | I/A | | | | | | | | | Zs at | DB: | C | ۵.30 د | 2 | lŗ | pf at I | DB: | 0.75 | 54kA |
| S | CHEDULE OF (| CIRCUI | T DET | AII | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Condu | ıctor d | letails | | (s) | Overcurr | ent p | rotecti | /e dev | ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ition res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eug | rz (cbc) | R1+R2 | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.29 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.66 | | 500 | > 999 | > 999 | ✓ | 0.96 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S FOR Thermoplas | | B Thermopla | | | | C ermopl | | | D Thermopla | | | | E rmopla | | Thern | F | tic | The | G rmoset | tina | | H Mine | | | | 0 |) - Oth | | | |
| | RING insulated/she cables | | cables i netallic co | | | | cables etallic | | it | cables i metallic tru | | r | | ables ir tallic tr | | | A cable | | | WA cab | | ins | | d cable | S | | | N/A | 1 | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume functional: | nts used (| | and/c 1022 | | | umbe | ers): | т | nsulation | rocio | tanc | ٠. | | | | | | | | | Cor | itinui | + | | | | | | | |
| | | | _ | 1022 | 20/3 | 94 | | | | | | | | | | | | | | | | | | ty: | | | | | | | |
| | electrode resistance | | | | | | | | | arth fault | 1001 | ППР | eudi | ice: | | | _ | <u></u> | | | | RCI |). | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | 10.4 | | | | | | | | | | |
| Nam | | n Mckeov | | | | ositio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | III. | <u> </u> | | | | Date | | | /08/ | | |
| his for | rm is based on the i | model sho | wn in A | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 97 of | f 253 |

| D | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------------------|-------------------|-----------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------|-----------------|-------------|-----------|---------------------|-----------------|-----------------------|-------------------------|-----------------------------|--|
| DB r | eference: | Room | 1 34 D | В | | | | Lo | cation: | | | 1st F | loor, | Room | 34 | | | Supp | olied | from | : | | : | 1st Flo | oor Su | ıb Di | 3 - 7I | _3 | | |
| Distrib | ution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | Гуре | 1 | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A ✓ | | | | | ndicator ality inc | | | | | N/ | Д | | | | | | | | | | |
| Confirr | mation of supply polarity | · ✓ | | Co | onfirn | natio | n of p | hase | e sequenc | е | ı | N/A | | | | | | | | | Zs at | t DB: | (| 2 08.0 | 2 | Įį | pf at I | DB: | 0.76 | j4kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcuri | ent p | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| umber | Circuit description | 1 | of wiring | Reference method | of erved | and | nber size | Max disconnect time permitted by BS7671 | | | A) | (KA) | m ed Zs (Ω) | | | perating (mA) | (A | | final c | | R ₁ - | +R2 R2 | voltage (V) | Live (MΩ) | Earth (M Ω) | (tick) | m bd (Ω) | ection s) | ton n (tick) | Manual test button operation (tick) |
| Circuit number | | | Type of | Reference | Number of points served | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test volt | Live - Li | Live - E | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (t | Manual 1 operatio |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.35 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.58 | | 500 | > 999 | > 999 | ✓ | 0.88 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F | | | G | | | H | | | | C |) - Oth | er | | |
| TYP! WIR | E OF insulated/sheathed | cable metallic | s in | | | cables etallic | | it | cables i metallic tru | n | | (| ables in tallic tr | n | Thern /SWA | noplas A cabl | | | rmosei WA cal | | in | Mine sulated | | s | | | N/A | | | |
| | ETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instruments u | sed (serial | | | | iumb | ers): | | 1.11 | | | | | | | | | | | | - | | | | | | | | | |
| | unctional: | | 1022 | 26/3 | 394 | | | | nsulation | | | | | | | | | | | | | ntinui | ity: | | | | | | | _ |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Martin Mo | ckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sign | nature | : | | | H. | uce | u | - | | | Date | e: | 29 | /08/ | 2024 | 1 |
| his for | m is based on the mode | el shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 31 - P | age: | 98 o | f 253 |

| | DISTRIBUTION B | OARD DI | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-------------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|-------------------------------------|----------------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|--------------------------|-------------|----------|--------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | PR Far I | (itche | n DB | | | | Lo | cation: | Grou | ınd F | loor, | Phelp | s Suite, | PR Kit | che | n | Supp | lied | from | : | | Gr | ound | Floor | Sub | DB - | 1L2 | | |
| Distrib | oution circuit OCPD: E | SS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | 7 | ype | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: Ti | N/A | T2 | N/A | Т | Г3 | N/A | N | /A √ | | | | | ndicator ality inc | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polari | ty 🗸 | | Co | nfirn | natio | n of p | ohase | e sequenc | е | 1 | N/A | | | | | | | | | Zs at | DB: | . (| 0.35 🛭 | 2 | Ιŗ | of at I | DB: | 0.67 | 3kA |
| S | CHEDULE OF CIF | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcuri | ent pi | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| Circuit number | Circuit descripti | on | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven 1 | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 2 | Oven 2 | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 3 | Kitchen Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 4 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 5 | Cleaners Socket | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 6 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 7 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 8 | TV | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.30 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 9 | Lights & Contactor | | Α | С | 10 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A | E | | | | С | | | D | | | | Е | | | F | | | G | | | H | 1 | | | 0 | - Oth | er | | |
| TYP | S FOR Thermoplastic E OF insulated/sheather RING cables | Thermo d cable metallic | es in | : | | ermopl cables etallic | in | it | Thermopla cables metallic tru | n | ı | (| ermopla: ables ir tallic tr | 1 | Thern /SWA | noplas A cabl | | | rmose WA cat | | in | Mine | eral d cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | used (seria | | | | iumbe | ers): | т. | ooulatie: | no e! - | + | | | | | | | | | | Car | .tim. | i+ | | | | | | | |
| | unctional: | | 102 | 26/3 | 594 | | | | nsulation | | | | | | | | | | | | | ntinui | ity: | | | | | | | |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | D: | | | | | | | | |
| _1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | | | Positio | | | | Elect | | ın | | | Sign | nature | : | | | μ.) | ll | <u> </u> | | | | Date | | | /08/2 | | |
| his fo | rm is based on the mod | lel shown ir | 1 Appe | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | - | | | | | | | Ref: | LFL2 | 20240 | 90912 | 3908 | 1 - P | age: | 99 of | 253 |

| S | CHEDULE OF CIR | COTI DE | IAI | L5 / | AND | | 5 I I | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|----------|-----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|---------|---------|------------------------------|------------|-----------|--------------------------|-------------|-------|----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | PR Far K | itche | n DB | | | | Loc | cation: | Grou | ınd F | loor, | Phelp | s Suite | , PR Ki | tche | า | Supp | olied 1 | from | : | | Gr | ound | Floor | Sub | DB - | 1L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | on | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ਹੋ 11 | Spare | | <u>}</u> | | | | | | | <u></u> | Rg | B B | Σ α | | <u></u> | R D | | | E | | | R2 | P | | | | Σ Ē | ṭi Di | | Σ δ |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | |) - Oth | er . | | |
| TYP | S FOR Thermoplastic | Thermo | plastic s in | | (| ermopl cables etallic | in | it | Thermop cables metallic tr | s in | r | c | ermopla ables in tallic tr | 1 | | noplas A cabl | | | rmoset WA cab | | in | Mine | | s | | | N/A | | | |

| D | ISTRI | BUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------------------|-----------------------------------|----------|-----------------------------|-----------------|------------------|----------------------------|-------------------------|------------------------|--|-------------------------------------|---------|------------|---------------------------|---------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|------------------------|-----------------|------------------|--------------------|------------|-----------|---------------------|----------------------------|----------------------------|--|
| DB r | eference | e: | | Room | PR 1 | DB | | | | Loc | cation: | 1st I | Flooi | r, Ph | elps S | Suite, R | oom | PR 1 | L | Supp | lied 1 | from | : | | : | 1st Flo | oor Su | ıb DE | 3 - 3L | .2 | | |
| Distrib | ution cir | cuit OCPD: | BS (I | EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | e | N/A | 4 | | | | | | | | | | |
| Confirr | nation o | of supply pol | arity | √ | | Со | nfirn | nation | n of p | hase | e sequenc | e | N | N/A | | | | | ĺ | | | | Zs at | : DB: | (|).41 <u>c</u> | 2 | Ιŗ | of at | DB: | 0.56 | 7kA |
| S | CHED | ULE OF C | IRCL | JIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pr | otectiv | ve dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| Circuit number | | Circuit desci | ription | | Type of wiring | Reference method | Number of points served | and | nber size | Max disconnect time permitted by BS7671 | Ź | | (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (7 | | Rated operating current (mA) |) (A) | | r _n (neutral) pu | | R ₁ + or | | Test voltage (V) | Live (M Ω) | Earth (MΩ) | :y (tick) | num ured (Ω) | Disconnection time (ms) | utton tion (tick) | Manual test button operation (tick) |
| Circuit | | | | | Туре с | Refere | Numb | Live (mm ²) | cpc (mm ²) | Max d permit | BS (EN) | Туре | Rating (A) | Breaki capaci | Maxim | BS (EN) | Туре | Rated | Rating (A) | r1 (line) | r _n (ne | r2 (cpc) | R1+R2 | R2 | Test v | Live - | Live - | Polarity | Maximum measured | Discor time (| Test button operation (| Manua |
| 1 | Room So | ockets | | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | | | | | 0.66 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.75 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF | Thermoplast insulated/shea cables | | Thermo cable metallic | plastic s in | | | cables etallic | in | t | Thermopla cables metallic tru | in | r | C | E ermopla ables in tallic tr | 1 | Thern /SW/ | F noplas A cabl | | | G rmoset VA cab | | in | Mine sulated | | s | | 0 | o - Oth N/A | | | |
| | | S OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of tes unctiona | st instrumen il: | its used | a (serial | and/ | | | umbe | ers): | Jı | nsulation | resis | tance | e: | | | | | | | | | Cor | ntinui | itv: | | | | | | | |
| | | e resistance: | | | | | | | | | arth fault | | | | ice: | | | _ | | | | | RCI | | .,. | | | | | | | |
| | ESTE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Martir | n Mcke | eown | | P | ositio | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H.J | w | · _ | | | | Date | e: | 29 | /08/ | 2024 | |
| | | sed on the n | | | Арре | | | | 671: | 2018 | | | | | | | | | | | | | | | LFL20 |)2409 | 09123 | | | | | |

| S | CHEDULE OF CIRC | OTT DE | IAI | LS I | AND | | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|--------|----------------------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|---------------------------------------|----------|---------|------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | PR 1 | DB | | | | Loc | cation: | 1st | Floo | r, Ph | elps S | Suite, F | Room | PR 1 | | Supp | olied | from | : | | : | 1st Flo | oor Si | ıb Di | B - 3l | .2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ਹੋ 11 | Spare | | <u></u> | 8 | | _ <u>_</u> | | | | | Rg | B B | Ñ 9 | | <u></u> | | Rg | | | | R | R2 | Pe | | | 8 | ΣĒ | E G | | Σ δ |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | В | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | CODES FOR Thermoplastic insulated/sheathed wiring cables | | olastic s in conduit | t | | cables etallic | in | it | Thermop cables metallic tr | in | 1 | c | E rmopla: ables ir tallic tr | n | | F moplas A cable | | | G rmose WA cab | | in | Mine sulated | | s | | (| N/A | | | |

| DISTRIBUTION BOARD DETAILS DB reference: Room PR 2 DB Location: 1st Floor, Phelps Suite, Room PR 2 Supplied from Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------|---------------|--|------------------|----------------------------|---|------------------------|--|-------------------------------------|---------|------------|---------------------------|--|-----------------------|---------------|------------------------------|------------|-----------|-----------------------------|----------|------------------|-----------------|------------------|---------------------------|----------------------------|-----------------|-----------------------------|-------------------------|---------------------------------|--|
| DB re | eference: | Roc | om PR | 2 DB | | | | Loc | cation: | 1st l | Flooi | , Ph | elps S | Suite, R | oom | PR 2 | 2 | Supp | lied | from | : | | | 1st Flo | oor Su | ıb DE | 3 - 2L | .3 | | |
| Distribu | ution circuit OCPD | : BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation of supply p | olarity | √ | Co | onfirn | natio | n of p | ohase | sequenc | e | N | I/A | | , | | • | | | | | Zs at | DB: | (| 0.37 🛭 | 2 | Ιŗ | of at | DB: | 0.74 | 2kA |
| S | CHEDULE OF | CIRCUIT | DETA | ILS | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Conc | luctor o | details | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| | | | | po | | | nber size | time 7671 | | | | | | | | | | Ring | final c | ircuit | R ₁ + | | | | (a | | | | | uo: |
| Circuit number | Circuit de | scription | Type of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 3 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES TYPE WIR | OF insulated/sh | eathed c | B ermoplasticables in allic condi | | | C ermopl cables etallic | in | it | Thermopla cables metallic tru | in | r | C | E ermopla ables in tallic tr | ۱ | Thern /SW/ | F noplas A cabl | | | G rmose NA cab | | ins | Mine Sulated | | es . | | C | o - Oth N/A | | | |
| D | ETAILS OF T | EST INSTE | RUME | NTS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ls of test instrum | ents used (se | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | ınctional: | | 10 | 22673 | 394 | | | | nsulation | | | | | | | - | | | | | | tinui | ity: | | | | | | | |
| Earth e | lectrode resistanc | e: | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | <u></u> | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | e: Mart | in Mckeowr | 1 | ı | Positio | on: | | | Elect | ricia | ın | | | Sign | nature | : | | | H. | ll | u | | | | Date | e: | 29 | /08/ | 2024 | |
| his for | m is based on the | model showr | ı in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 02409 | 09123 | 9081 | - Pa | ge: 1 | 03 of | 253 |

| S | CHEDULE OF CIRC | OTT DE | TAI | LS I | AND | | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|---|------------------------|--|----------------------------------|---------|------------|---------------------------|--|----------|---------|-------------------------------|------------|-----------|-----------------------------|-------------|----------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | PR 2 | DB | | | | Loc | cation: | 1st | Floo | r, Ph | elps S | Suite, R | Room | PR 2 | 2 | Supp | olied | from | : | | : | 1st Fl | oor Si | ıb Di | B - 2l | .3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | ed | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ່ວັ 11 | Spare | | <u></u> | Re | N Od | <u></u> | | De Ma | | Type | Ra | Bra | Ma pe | | <u></u> | Cu Ra | Ra | | E | 12 | R ₁ | R2 | <u> </u> | | | | Ma m e | ‡ <u>``</u> | | Σ 5 |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermon cables metallic o | s in | t | | C ermopl cables etallic | in | it | Thermop cables metallic tr | in | 1 | c | E rmopla: ables ir tallic tr | ۱ | | F moplas A cable | | | G rmose WA cat | | in | Mine sulated | | es . | | (| O - Oth N/A | | | |

| D | ISTRIBU | JTION BC | DARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------------------------|---|-----------------------------|------------------|------------------|----------------------------|-------------------|------------------------|--|-------------------------------------|---------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|--------|-----------|-----------------------------|-------------|------------------|-----------------|------------------|----------------|-----------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB re | eference: | | Room | PR 3 | DB | | | | Loc | cation: | 1st I | Flooi | r, Ph | elps S | Suite, R | oom | PR 3 | 3 : | Supp | lied f | rom: | | | : | 1st Flo | oor Su | ıb DE | 3 - 2L | .1 | | |
| Distrib | ution circuit | t OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Rati | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Typ | es: T1 | N/A | T2 | N/A | Т | -3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirn | nation of su | upply polarity | y √ | | Со | nfirn | natio | n of p | hase | sequenc | e | N | N/A | | | | | , | | | | Zs at | : DB: | (| 0.43 ⊆ | 2 | Ιŗ | of at | DB: | 0.55 | 7kA |
| S | CHEDUL | E OF CIR | CUIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pr | rotectiv | ve dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| Circuit number | C | Circuit description | n | Type of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | . (EN) | Эе | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) |)e | Rated operating current (mA) | | r1 (line) | rn (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | re - Live (MΩ) | re - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| ์ 1 | Room Socke | atc | | A | C S | 4 | 2.5 | 1.5 | 0.4 | <u>8</u> | Пуре | 20 | 9 Bre | 2.19 | BS | Туре | Ra | Ra | <u></u> | E | 2 | <u>₽</u> 0.22 | R2 | | > 999 | - 000 | | 0.65 | ţi. | op de | M Q O |
| 2 | Heater | | | A | С | 2 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | | | > 999 | · | 0.55 | | | |
| 3 | Lights & Cor | ntactor | | A | С | 9 | 1.5 | 1.0 | | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.34 | | | | > 999 | | 0.77 | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES TYPE WIR | OF inst | A Thermoplastic ulated/sheathed cables | Thermo cable metallic | plastic es in | | | cables etallic | in | t | Thermopla cables metallic tru | in | r | C | Ermopla: ables in tallic tr | 1 | Thern /SW/ | F noplas A cable | | | G moset VA cab | | in | Mine sulated | - | s | | 0 | o - Oth N/A | | | |
| | | OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | iis of test ir inctional: | nstruments u | isea (serial | | or as 2673 | | umbe | ers): | Iı | nsulation | resis | tance | e: | | | | | | | | | Cor | ntinui | ity: | | | | | | | |
| | lectrode re | sistance: | | | | | | | | arth fault | | | | ice: | | | _ | | | | | RCI | | | | | | | | | |
| | ESTED B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Martin M | ckeown | | Р | Positio | on: | | | Elect | ricia | n | | | Sign | nature | : | | | H.L | ll | <u> </u> | | | | Date | e: | 29 | /08/ | 2024 | |
| his for | m is based | on the mode | el shown in | Арре | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 05 of | 253 |

| S | CHEDULE OF CIRC | OTT DE | IAI | LS I | AND | | 5 I I | RESU | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|---------------------------------|----------------|------------------|----------------------------|--|------------------------|--|----------------------------------|----------|------------|---------------------------|---|----------|----------|------------------------------|------------|-----------|-----------------------------|-------------|----------------|-----------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | eference: | Room | PR 3 | DB | | | | Loc | cation: | 1st | Floo | r, Ph | elps S | Suite, R | Room | PR 3 | 3 | Supp | olied | from | : | | - | Lst Flo | oor Su | ıb Di | B - 2L | _1 | | |
| | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (\$) | Overcu | rrent pi | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | tion res | istance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | 90 | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | oe Oe | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ່ວັ 11 | Spare | | <u></u> | | | | <u></u> | Ma De | BS | Туре | Ra | Bre | Ma | Sa | Туре | | Ra | | r | 12 | R ₁ | R2 | Ğ | <u></u> | <u>-</u> | Po | Ma me | # Ö | o do | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES FOR Thermoplastic TYPE OF insulated/sheathed WIRING cables | | Thermop cables metallic o | s in | t | (| C ermople cables etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla: ables ir tallic tr | ۱ | | F moplas /A cabl | | | G rmose WA cab | | in | Mine sulated | | S | • | (| o - Oth N/A | | | |

| D | ISTRI | BUTION | I BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----------|--------------------------------|----------|-----------------------------|------------------|------------------|-------------------------|----------------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|---|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|------------------------|-----------------|------------------|-------------|-------------|-------------|---------------------|-------------------------|----------------------------|-------------------------------------|
| DB r | eference | e: | | Room | PR 4 | DB | | | | Loc | cation: | 1st | Floo | r, Ph | elps S | Suite, R | oom | PR 4 | ļ | Supp | olied 1 | from | | | | 1st Flo | oor Su | ıb Di | 3 - 1L | .3 | | |
| Distrib | ution cir | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/I | RCBC |) | | T | ype: | E | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | . 7 | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | nation o | f supply po | olarity | ✓ | | Co | nfirn | natio | n of p | hase | sequenc | e | ١ | N/A | | | | | | | | | Zs at | DB: | (| 0.36 մ | Ω | Įį. | of at I | OB: | 0.87 | 4kA |
| S | CHED | ULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| mber | | Circuit des | cription | | iring | method | f ved | and | nber | Max disconnect time permitted by BS7671 | | | | kA) | Zs (Ω) | | | rating 1A) | | Ring | final ci | rcuit | R ₁ + or | | ge (V) | Live (MΩ) | Earth (MΩ) | (tick) | (0) | tion | in (tick) | st button (tick) |
| Circuit number | | | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disco permitted | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Type | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live | Live - Earl | Polarity (t | Maximum measured | Disconnection time (ms) | Test buttor operation (| Manual test button operation (tick) |
| 1 | Room So | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.68 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF | Thermopla insulated/she cables | | Thermo cable metallic | plastic es in | | | C ermopl cables etallic | in | t | Thermopla cables i metallic tru | in | r | C | E ermoplas ables in tallic tru | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | in | Mine sulated | | es es | | C | N/A | | | |
| | | S OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrume | nts use | ed (serial | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctiona | | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth e | electrode | e resistance | e: | | | | | | | Е | arth fault | loop | imp | edar | ice: | | | _ | | | | | RCI | D: | | | | | | | | |
| T | ESTE | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | in Mck | | | | Positio | | | | Elect | | n | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is bas | sed on the | model | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 07 of | 253 |

| S | CHEDULE OF CIRC | OTT DE | IAI | LS I | AND | IE | STI | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|---------------------------------|-----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|----------|------|------------------------------|------------|-----------|-----------------------------|-------------|-------|----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | PR 4 | DB | | | | Loc | cation: | 1st | Floo | r, Ph | elps S | Suite, R | Room | PR 4 | 1 | Supp | olied | from | : | | : | 1st Flo | oor Su | ıb Di | B - 1l | .3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ition res | istance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | <u></u> | | | <u>a</u> 8 | Σά | <u></u> | | | | | | | | R2 | _ <u>∓</u> | <u> </u> | | | ΣΕ | | | Σ δ |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | |) - Oth | or | | |
| TYP | S FOR Thermoplastic | Thermop cables metallic o | olastic s in | t | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | rmopla ables in tallic tr | ۱ | | moplas /A cabl | | | rmosei WA cal | | ins | Mine | | S | | • | N/A | | | |

| D | DISTRIBUTION BOARD DETAILS DB reference: Room PR 5 DB Location: 1st Floor, Phelps Suite, Room PR 5 Supplied from: 1st Floor Sub DB - 2L2 stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|--------------------------------------|----------|-----------------------------|------------------|------------------|-------------------------|-----------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|--------------------------------------|-----------------------|---------------|------------------------------|------------------|-----------|--------------------------|----------|------------------------|--------|------------------|-----------|------------|----------|-----------------------|----------------------------|----------------------------|--|
| DB r | eference | e: | | Room | PR 5 | DB | | | | Loc | cation: | 1st | Floo | r, Ph | elps S | Suite, R | oom | PR 5 | 5 | Supp | olied | from | : | | | 1st Flo | oor Su | b DE | 3 - 2L | .2 | | |
| Distrib | ution cir | cuit OCPD: | BS (| EN): | | | 610 | 09 R | CD/I | RCBC |) | | 7 | ype: | E | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | . 7 | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | nation o | of supply po | larity | ✓ | | Co | nfirn | natior | n of p | ohase | sequenc | e | ١ | N/A | | | | | | | | | Zs at | DB: | C | 0.40 🔉 | 2 | Ιŗ | of at I | DB: | 0.66 | 3kA |
| S | CHED | ULE OF | CIRCL | JIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | S | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent p | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| number | | Circuit des | cription | | wiring | Reference method | of erved | and | nber size | Max disconnect time permitted by BS7671 | _ | | (A) | g / (kA) | m ed Zs (Ω) | _ | | Rated operating current (mA) | (Y) | | final ci | | R ₁ + or | | Test voltage (V) | Live (MΩ) | Earth (MΩ) | (tick) | m ed (Ω) | ection Is) | ton on (tick) | Manual test button operation (tick) |
| Circuit number | | | | | Type of wiring | Referen | Number of points served | Live (mm ²) | cpc (mm ²) | Max dis | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated o | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test vol | Live - Li | Live - E | Polarity | Maximum measured (| Disconnection time (ms) | Test buttor operation (| Manual operatic |
| 1 | Room So | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.41 | | 500 | > 999 | > 999 | ✓ | 0.81 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Α | | В | • | | | С | | | D | | | | | | | | | | G | | | н | • | | | | - Oth | | | |
| CODE TYP WIR | E OF | Thermopla insulated/she cables | | Thermo cable metallic | plastic es in | | | ermopl cables etallic | in | it | Thermopla cables i metallic tru | in | r | C | ermoplas cables in ctallic tru | ı | Therm /SWA | noplas A cable | | | rmoset WA cab | | ins | Mine | | s | | | N/A | | | |
| | | S OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | unctiona | st instrume il: | nts use | u (serial | 102 | | | umbe | ers): | Jı | nsulation | resis | tanc | e: | | | | | | | | | Cor | ntinui | tv: | | | | | | | |
| | | e resistance | e: | | 102 | | , J T | | | | arth fault | | | | nce: | | | _ | | | | | RCI | | ., . | | | | | | | \dashv |
| | ESTEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | n Mcke | eown | | F | Positio | on: | | | Elect | ricia | n | | | Sign | ature | | | | H.J | lU | | | | | Date | e: | 29 | /08/2 | 2024 | |
| his for | m is bas | sed on the | | | Арре | endix | 6 of | BS 7 | 671: | 2018 | | | | | | | | | | | | | | | LFL20 | 02409 | 09123 | 9081 | | | | |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--|---------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|----------|------------|---------------------------|--|----------|---------|-------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | PR 5 | DB | | | | Loc | cation: | 1st l | Floo | r, Ph | elps S | Suite, R | Room | PR 5 | 5 | Supp | olied | from | : | | : | 1st Flo | oor Su | ıb Di | B - 2l | .2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent pı | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | <u></u> | 8 | <u> </u> | | | | <u>~~~</u> | | | P | Σ ď | | <u></u> | % 3 | | | E | | | R2 | | | | Pg | Σ E | ‡ <u>Ö</u> | 라 | Σ c |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed cables | Thermop cables metallic o | s in | t | | cables etallic | in | it | Thermop cables metallic tr | in | ı | c | E ermopla ables in tallic tr | ۱ | | F moplas A cable | | | G rmose WA cab | | in | Mine sulated | | s | | (| N/A | | | |

| D | ISTRIE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------|--|----------|-------------------------------|-----------------|------------------|----------------------------|---|------------------------|--|---------------------------------------|-------|------------|---------------------------|--|------------------------|---------------|------------------------------|------------|-----------|-----------------------------|----------|------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | eference: | | | Room | PR 6 I | DB | | | | Loc | ation: | 1st | Flooi | , Ph | elps S | Suite, Ro | oom | PR 6 | 5 | Supp | olied | from | : | | | 1st Flo | oor Su | b DI | 3 - 3L | 1 | | |
| Distrib | ution circ | uit OCPD: | BS (I | EN): | | | 610 | 09 R | CD/F | RCBC | | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Ty | /pes: | T1 | N/A | T2 | N/A | Т | -3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/ | Д | | | | | | | | | | |
| Confirr | nation of | supply po | larity | ✓ | | Со | nfirn | natio | n of p | hase | sequenc | e | N | I/A | | , | | • | | | | | Zs at | DB: | (| 0.33 🖸 | 2 | Iį | of at I | OB: | 0.87 | 0kA |
| S | CHEDU | LE OF (| CIRCL | JIT DE | TAI | LS A | AND | TE | ST I | RES | JLTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | e dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | | | pou | | | nber size | : time S7671 | | | | | (U) | | | | | Ring | final c | ircuit | R ₁ + | | | | (a | | | | | tton |
| Circuit number | | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Soc | kets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 3 | Lights & C | ontactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.65 | | 500 | > 999 | > 999 | ✓ | 0.98 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF i | A Thermoplas nsulated/shea cables | | Thermop cables metallic | olastic s in | | (| C ermopl cables etallic | in | t | Thermopla cables i metallic tru | n | r | (| E ermoplas cables in etallic tru | | Therm /SWA | F noplas A cable | | | G rmose WA cab | | in | Mine sulated | | ·s | | C | N/A | | | |
| D | ETAILS | OF TE | ST IN | ISTRUI | MEN | TS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | instrume | nts use | - | | | | umbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | | | 1022 | 2673 | 894 | | | | sulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | _ |
| arth e | electrode | resistance | : | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | n Mcke | | | | ositio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | uce | u | | | | Date | | - | - | 2024 | |
| his for | m is base | d on the r | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: | LFL20 | 2409 | 09123 | 9081 | Pag | ge: 1 | 11 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | | 5 11 | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|-----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|----------|------|------------------------------|------------|-----------|-----------------------------|-------------|-------|----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | PR 6 | DB | | | | Loc | cation: | 1st | Floo | r, Ph | elps S | Suite, F | Room | PR 6 | 5 | Supp | olied | from | : | | : | 1st Flo | oor Su | ıb Di | B - 3l | .1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | Σ Δ | <u> </u> | | | | Σ Δ | <u></u> | F | | | | | | | R2 | | | | | Σ Έ | □ :Þ | | Σ δ |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | |) - Oth | er | | |
| TYP | S FOR Thermoplastic | Thermore cables metallic of | s in | t | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | ermopla ables in tallic tr | n | | noplas A cabl | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| D | DISTRIBUTION BOARD DETAILS DB reference: Room PR 7 DB Location: 1st Floor, Phelps Suite, Room PR 7 Supplied from: 1st Floor Sub DB - 3L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--|--|----------------|--|------------------|----------------------------|-----------------------------|------------------------|--|-------------------------------------|--------|------------|---------------------------|---|-----------------------|---------------|------------------------------|------------|-----------------------|-----------------|----------|------------------------|-----------------|------------------|-----------|------------|----------|---------------------|----------------------------|----------------------------|--|
| DB r | eference: | | Roo | m PR 7 | 'DB | | | | Lo | cation: | 1st | Floo | r, Ph | elps : | Suite, R | loom | PR 7 | 7 : | Supp | lied f | rom: | | | : | 1st Flo | oor Su | ıb DE | 3 - 3L | .3 | | |
| Distrib | ution circ | uit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: T | ypes: 1 | Γ1 N/ A | T2 | N/A | . 7 | Г3 | N/A | N | /A ✓ | , | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirn | nation of | supply polar | rity | / | Co | onfirn | natio | n of p | ohase | e sequenc | ce | N | N/A | | | | | , | | | | Zs at | DB: | (| 0.35 🖸 | 2 | Ιŗ | of at | DB: | 0.74 | -5kA |
| S | CHEDU | ILE OF CI | RCUIT I | DETA: | ILS | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Conc | luctor | details | | (s) | Overcur | rent p | rotecti | ve dev | /ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| Circuit number | | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | and | nber size | Max disconnect time permitted by BS7671 | 2 | | (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | 5 | | Rated operating current (mA) | (A) | Ring f | rn (neutral) eu | | R ₁ + or | | Test voltage (V) | Live (MΩ) | Earth (MΩ) | y (tick) | num Ired (Ω) | Disconnection time (ms) | utton tion (tick) | Manual test button operation (tick) |
| Circuit | | | | Туре о | Refere | Numbe | Live (mm ²) | cpc (mm ²) | Max di permit | BS (EN) | Туре | Rating (A) | Breaki capaci | Maxim | BS (EN) | Туре | Rated | Rating (A) | r ₁ (line) | rn (ne | r2 (cpc) | R1+R2 | R2 | Test vo | Live - | Live - | Polarity | Maximum measured | Discon time (| Test button operation (| Manua operat |
| 1 | Room Soc | ckets | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | | | | | 0.48 | | | |
| 2 | Heater | | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 3 | Lights & C | Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.54 | | 500 | > 999 | > 999 | ✓ | 0.89 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | r | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES TYPE WIR | E OF i | A Thermoplastic insulated/sheath cables | ned ca | B moplasticables in lic condu | | | ermopl cables etallic | in | it | Thermople cables metallic tru | in | r | C | E ermopla cables in etallic tr | n | Therr /SW/ | noplas A cabl | | | moset VA cab | | in | Mine sulated | - | s | | C | N/A | | | |
| | | S OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test unctional: | instruments | s used (ser | | or as 22673 | | iumb | ers): | T | nsulation | recia | tanc | ۵, | | | | | | | | | Cor | ntinui | itv. | | | | | | | |
| | | resistance: | | 102 | 22073 | JJ4 | | | | arth fault | | | | ice. | | | | - | | | | RCI | | icy. | | | | | | | |
| | | | | | | | | | | artir rault | . 1001 | , πηρ | Cuai | | | | | | | | | NCI | | | | | | | | | |
| Nam | ESTED | | Mckeown | | | Positi | on: | | | Elect | ricia | n | | | Sign | nature | | | | μТ | lu. | | | | | Date | ۵. | 20 | /ng/ | 2024 | |
| | | ed on the mo | | | | | | 671: | 2018 | | | | | | Jigi | .acare | • | | | (() | | | | LFL20 | 02409 | 09123 | | | | | |
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| S | CHEDULE OF CIRC | OTT DE | TAI | LS I | AND | | STE | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---------------------------------|----------------|------------------|----------------------------|---|------------------------|--|----------------------------------|---------|------------|---------------------------|---|----------|------|-------------------------------|------------|-----------|------------------------------|---------|----------------|----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | PR 7 | DB | | | | Loc | cation: | 1st | Floo | r, Ph | elps S | Suite, R | Room | PR 7 | 7 | Supp | olied | from | : | | : | 1st Fl | oor Si | ıb D | B - 3I | _3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | T | EST R | ESULT | DETAIL | .s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | CD | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | 96 | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | 90 | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | ircuit | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ່ ວັ້ 11 | Spare | | Ā | Ref | P Nu | <u></u> | cb | Ma | BS | Туре | Rat | Bre | Ma | BS | Туре | | Rat | | | 2 | R ₁ | R2 | Tes | _ <u></u> | <u></u> | Pol | Ma | Dis | Tes | Ma O |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic o | s in | t | | C ermopl cables etallic | in | it | Thermop cables metallic tr | in | ı | c | E ermopla: ables ir tallic tr | ۱ | | F moplas /A cabl | | | G ermose WA cat | | in | Mino sulate | | s | | | o - Oth N/A | | | |

| C | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------|-------------------|----------------|------------------|----------------------------|-------------------------|------------------------|-----------------------------------|--------------------------|-------|------------|---------------------------|-----------------------------|------------------------------|-------|------------------------------|------------|-----------|--------------------------|------------|------------------|-------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | 2nd Flo | or Sul | b DB | | | | Loc | cation: | | 2nd | Flo | or, El | ectrical F | Riser | | | Supp | olied f | rom | : | | | | MPB · | - 2TI | כ | | | |
| Distrib | ution circuit OCPD: BS | (EN): | | | 60 | 947- | 2 M | ССВ | | | ٦ | ype: | : | В | Rati | ng/S | ettin | g: | 100 | Α | | No | of p | hases | : | 3 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | ٦ ٦ | Г3 | N/A | N | /A √ | | | | | indicator on ality indicator | | | | | √ | | | | | | | | | | | |
| Confirm | mation of supply polarity | ✓ | | Co | onfirn | natio | n of _l | hase | e sequenc | e | | √ | | , | | • | , | | | | Zs at | DB: | C | 2 80.0 | 2 | ı | pf at | DB: | 7.0 | 8 kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS | AND | TE | STI | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETA: | LS | | | | | | | | | | | | | | Т | EST R | ESULT I | DETAIL | s | | | | |
| | | | | Cond | ductor o | details | | (s) | Overcurr | ent p | rotecti | ve de | /ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | tion res | istance | | Zs | RC | D. | AFDD |
| | | | | po | | | nber size | nect time y BS7671 | | | | | କ | | | | | Ring | final ci | rcuit | R ₁ + | | | | 5) | | | | | ton |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect permitted by BS | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 L1 | Near Kitchen DB | | Α | В | 1 | 16 | 6 | 5 | 61009 | В | 45 | 10 | 0.98 | 61009-B | Α | 30 | 45 | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.13 | 13.5 | ✓ | |
| 1 L2 | Far Kitchen DB | | Α | В | 1 | 16 | 6 | 5 | 61009 | В | 45 | 10 | 0.98 | 61009-B | Α | 30 | 45 | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.32 | 19.0 | ✓ | |
| 1 L3 | Room UB-4 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.46 | 18.5 | ✓ | |
| 2 L1 | Room UB-3 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.24 | 18.4 | ✓ | |
| 2 L2 | Room UB-5 DB | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | А | 30 | 40 | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.24 | 18.4 | ✓ | |
| 2 L3 | Room UB-2 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | А | 30 | 40 | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.25 | 18.4 | ✓ | |
| 3 L1 | Room UB-6 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.29 | 18.4 | ✓ | |
| 3 L2 | Room UB-1 DB | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | А | 30 | 40 | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.23 | 18.3 | ✓ | |
| 3 L3 | Room UB-7 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.24 | 18.5 | ✓ | |
| 4 L1 | Room 46 DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.26 | 18.4 | ✓ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | Th | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | astic | Th | F | | Th | G | . : | | H | | | | (| 0 - Otł | | | |
| TYP WIF | insulated/sheathed cables | cable metallic | | | | cables etallic | | it | cables i metallic tru | | | | cables i | in runking | | noplas A cabl | | | rmoset WA cab | | in | Mine | d cable | S | | | N/A | \ | | |
| | ETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instruments us | sed (serial | and/ | | | iumb | ers): | т. | aculation | rocia | tone | . . | | | | | | | | | Cor | .+i.n.ıi | + | | | | | | | |
| | unctional: | | 102 | 20/3 | 5 54 | | | | nsulation | | | | | | | | | | | | | ntinui N | Ly: | | | | | | | - |
| | electrode resistance: | | | | | | | E | arth fault | 100 | ımp | eaar | ice: | | | | | | | | RCI | J: | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | 10. | | | | | | | | | | |
| Nam | | | | | Positi | | | | Elect | | ın | | | Signa | ture | : | | | H.J | III | u | | | | Date | | |)/08/ | | |
| This for | m is based on the mode | I shown in | і Аррє | endix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | F | ≀ef: l | LFL20 | 24090 | J9123 | 908: | r - bs | ıge: 1 | 15 0 | 253 |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS 2nd Floor, Electrical Riser MPB - 2TP DB reference: 2nd Floor Sub DB Location: Supplied from: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device **RCD** Continuity (Ω) Insulation resistance Zs RCD AFDD Max disconnect time permitted by BS7671 Number R₁+R₂ Ring final circuit method and size or R₂ Test button operation (tick) Manual test butt operation (tick) Disconnection time (ms) numbe (S) Circuit description of wiring Rated operating current (mA) (tick) voltage Earth Live (mm²) (mm²) r of serve Live Reference (neutra (EN) (EN) (line) Polarity (cbc) Rating Rating rcuit Type (cbc BS 덛 ے 2 ₽ 10 5 30 40 4 L2 Room 47 DB Α В 1 4 61009 В 40 10 1.09 61009-B Α 0.23 500 > 999 > 999 0.31 18.4 4 L3 Room 45 DB Α В 10 5 61009 40 10 1.09 61009-B 30 40 0.28 500 > 999 | > 999 0.36 18.5 1 4 В Α 5 L1 Room 48 DB Α 10 4 5 61009 40 1.09 61009-B 30 40 0.21 > 999 > 999 В 1 В 10 Α ---500 0.29 14.6 ---------10 5 61009 61009-B 5 L2 Room 44 DB Α В 1 4 В 40 10 1.09 Α 30 40 ------0.24 ---500 > 999 > 999 0.32 14.0 ---5 L3 Room 49 DB 10 4 5 40 10 1.09 61009-B 30 40 0.32 > 999 > 999 0.40 18.4 Α В 1 61009 В Α 500 6 L1 Room 43 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.22 500 > 999 > 999 0.30 45.4 Room 50 DB 5 1.09 61009-B 6 L2 Α В 10 4 61009 В 40 10 Α 30 40 0.18 500 > 999 |> 999 0.26 44.9 1 ---------6 L3 Room 42 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.14 500 > 999 > 999 0.22 18.4 10 5 61009 30 0.26 18.4 7 L1 Room 51 DB Α В 1 4 В 40 10 1.09 61009-B Α 40 0.18 500 |> 999 |> 999 7 L2 Room 41 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.20 500 > 999 > 999 0.28 67.4 Α ---7 L3 Room 52 DB В 10 5 61009 1.09 61009-B 30 0.23 0.31 18.5 Α 1 4 В 40 10 Α 40 500 > 999 > 999 ---Room 39 DB 10 5 1.09 30 0.22 18.3 8 L1 Α В 1 4 61009 В 40 10 61009-B Α 40 0.14 ---500 |> 999 |> 999 8 L2 Room 35 DB В 10 5 61009 40 10 1.09 61009-B 30 40 0.27 > 999 | > 999 0.35 20.0 Α 1 4 В Α 500 ------Room 38 DB 5 61009-B 8 L3 Α В 1 10 4 61009 В 40 10 1.09 Α 30 40 0.23 500 > 999 > 999 0.31 18.5 ------------5 Room 36 DB 10 61009-B 0.17 18.4 9 L1 Α В 1 4 61009 В 40 10 1.09 30 40 0.09 500 > 999 > 999 5 9 L2 Room LH-6 DB Α В 1 10 4 61009 В 40 10 1.09 61009-B Α 30 40 0.11 500 > 999 | > 999 0.17 18.3 ------------10 5 9 L3 Room 37 DB Α В 1 4 61009 В 40 10 1.09 61009-B Α 30 40 ------0.11 500 > 999 > 999 0.19 18.4 ---10 L1 Room LH-5 DB В 10 4 5 61009 40 10 1.09 61009-B 30 40 0.11 500 0.18 18.5 Α 1 В Α ---|> 999 |> 999 ------10 L2 Room LH-1 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.09 500 > 999 > 999 0.17 18.5 10 5 61009 10 1.09 61009-B 30 0.20 > 999 | > 999 0.14 18.3 10 L3 Room LH-4 DB В В 40 40 500 Α 1 4 Α 11 L1 Room LH-2 DB Α В 1 10 4 5 61009 В 40 10 | 1.09 | 61009-B Α 30 40 0.08 500 > 999 |> 999 0.14 18.5 В G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed cables in cables in cables in cables in N/A /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

| 5 | CHEDU | LE OF CIRC | <u> </u> | (ES | ULIS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------|---------------------------------------|-----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|---------------------------------------|--------|------------|---------------------------|------------------------------------|---------|------|------------------------------|------------|-----------|-----------------|----------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | eference: | | | Lo | cation: | | 2nd | Floo | or, Ele | ectrical R | iser | | | Supp | olied | from | : | | | | MPB · | - 2TF | > | | | | | | | | |
| | | | DETAI | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | s | | | | | | | | | |
| | | | | | Cond | uctor c | details | | (s) | Overcurr | rent p | rotecti | /e dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RO | CD | AFDE |
| Circuit number | | Circuit description | | Type of wiring | Reference method | Number of points served | and (2r | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) eu | rcuit (cbc) Z. | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (ΜΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 11 L2 | Room 40 D | В | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | | 18.4 | | |
| 11 L3 | Room LH-3 | 3 DB | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.04 | | 500 | > 999 | > 999 | ✓ | 0.16 | 18.4 | ✓ | |
| 12 L1 | Cleaners So | ocket | | А | В | 1 | 2.5 | 1.5 | 0.4 | 61009 | В | 20 | 10 | 2.19 | 61009-B | Α | 30 | 20 | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.49 | 18.4 | ✓ | |
| 12 L2 | Corridor Li | ghts Near | | А | В | 15 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.12 | | 500 | LIM | > 999 | ✓ | 1.20 | 18.1 | ✓ | |
| 12 L3 | End Corrid | or Stair Lights | | Α | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.78 | | 500 | LIM | > 999 | ✓ | 0.86 | 18.3 | ✓ | |
| 13 L1 | Corridor Li | ghts Far | | А | В | 25 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | А | 30 | 10 | | | | 1.55 | | 500 | LIM | > 999 | ✓ | 1.63 | 18.1 | ✓ | |
| 13 L2 | Corridor El | M Lights | | Α | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | А | 30 | 10 | | | | 0.90 | | 500 | LIM | > 999 | ✓ | 0.98 | 15.1 | ✓ | |
| 13 L3 | Near Stair | Lights | | Α | В | 10 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.03 | | 500 | LIM | > 999 | ✓ | 1.11 | 18.3 | ✓ | |
| 14 L1 | Door Acces | SS | | А | В | 2 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.20 | | | |
| 14 L2 | LHS Spur | | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | |
| 14 L3 | RHS Spur | | | А | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 15 L1 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L2 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L3 | CT Meter | | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60947-2 | С | 6 | 10 | 3.64 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| 16 TP | CT Meter | | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60947-2 | С | 6 | 10 | 3.64 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | A | В | | | | С | | | D | | | | Е | | | F | | | G | | | ŀ | 1 | | | (| o - Otl | ner | | |
| CODE TYP WIR | | Thermoplastic sulated/sheathed cables | Thermore cables metallic of | s in | | | ermopl cables etallic | in | t | Thermopla cables i metallic tru | in | ı | C | rmopla ables i tallic tr | | | noplas A cable | | | rmose WA cal | | in | Min sulate | eral d cable | s | | | N/A | 4 | | |

| DISTRIBUTION BOARD DETAILS DB reference: LH Near Kitchen DB Location: 2nd Floor, Peaty Suite, LH Kitchen Supplied from: 2nd Floor Sub DB - 1L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------|------------------------|-------------|----------------|------------------|----------------------------|--------------------|------------------------|--|--------------------------|--------|------------|---------------------------|-----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|-------------|--------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | | LH Near I | Kitche | en Di | В | | | Loc | cation: | 2nd | Floo | or, P | eaty S | Suite, Ll | -l Kitc | hen | 1 | Supp | lied | from | : | | 2 | 2nd Fl | oor Su | ıb D | B - 1I | _1 | | |
| Distrib | ution circuit (| CPD: BS | (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | E | 3 | Rati | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types | s: T1 | N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | Д | | | | | | | | | | |
| Confir | mation of sup | ply polarity | ✓ | | Co | onfirn | natio | n of p | ohase | sequenc | е | N | I/A | | | | | | | | | Zs at | DB: | (| 0.10 | 2 | I | of at I | OB: | 2.3 | 2 kA |
| S | CHEDULE | OF CIRC | CUIT DE | TAI | LS A | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETA: | ILS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | rotectiv | /e dev | vice . | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Cin | cuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (EN) | | Rated operating current (mA) | Rating (A) | | r _n (neutral) | | R ₁ + or | | Test voltage (V) | - Live (MΩ) | - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Circu | | | | Туре | Refer | Num | Live | cbc (| Max | BS (F | Туре | Ratin | Breal | Maxii perm | BS (E | Type | Rate | Ratin | r1 (line) | r _n (n | r2 (cpc) | R1+R2 | R2 | Test | Live | Live | Polar | Maxii meas | Disco | Test | Manu |
| 1 | Oven 1 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 2 | Oven 2 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 3 | Kitchen Socke | ts | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.45 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 4 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Cleaners Sock | et | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.30 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 7 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 8 | Hob & Extract | or | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 9 | TV | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 10 | Lights & Conta | actor | | Α | С | 10 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.67 | | 500 | > 999 | > 999 | ✓ | 0.77 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR The | A ermoplastic | Thermo | | | Th | C ermopl | actic | | D Thermopla | ectic | | The | E ermoplas | etic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | | ted/sheathed cables | cable | s in | : | | cables etallic | in | it | cables i metallic tru | n | r | (| ables in | 1 | Thern /SWA | noplas A cabl | | | rmosei WA cat | | in | Mine sulated | eral d cable | es | | | N/A | | | |
| | DETAILS O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test ins functional: | truments us | sea (serial | and/ | | | iumb | ers): | | nsulation | rocio | tanc | ٠. | | | | | | | | | Cor | ntinui | tv. | | | | | | | |
| | | atanco. | | 102 | 20/3 |)J4 | | | | | | | | | | | | | | | | | | cy. | | | | | | | - |
| | electrode resi | | | | | | | | | arth fault | 1000 | д ппр | euar | ice: | | | | | | | | RCI |): | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | ~ : | | | | | 11:1 | 1101 | | | | | _ | | | /a = ' | | |
| Nam | | Martin Mc | | | | Positi | | · - · | 20:- | Elect | | n | | | Sign | ature | : | | | Μ,) | ul | <u> </u> | | F1 5 | 22.425 | Date | | | /08/2 | | |
| nis toi | rm is based o | n the model | ı shown in | Appe | endix | 6 of | BS 7 | 6/1: | 2018 | +A2:202 | ۷. | | | | | | | | | | | F | ket: I | LFL2(| J2409 | 09123 | 9081 | Pa | је: 1 | TR 0 | 253 |

| S | CHEDULE OF CIT | KCUIT DE | IAI | LS A | AND | | STE | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--------------------------------|-----------------|------------------|-------------------------|---|------------------------|--|----------------------------------|---------|------------|---------------------------|--|----------|-------|-------------------------------|------------|-----------|------------------------------|--------------|-------|-----------------------------------|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | LH Near | Kitch | en DI | В | | | Loc | cation: | 2nd | Floo | or, Pe | eaty S | Suite, L | H Kit | chen | | Supp | olied | from | : | | 2 | 2nd Fl | oor S | ub D | B - 1 | L1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | .s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcui | rent pi | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D D | AFDI |
| Circuit number | Circuit descript | ion | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | <u></u> | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheather RING cables | Thermo ed cable metallic | plastic s in | | | C ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla cables in etallic tr | n | | F moplas A cable | | | G ermose WA cat | | in | Mine sulated | | s | | (| o - Oth N/A | | | |

| D | DISTRIBUTION BOARD DETAILS DB reference: Room LH 1 DB Location: 2nd Floor, Peaty Suite, Room LH 1 Supplied from: 2nd Floor Sub DB - 10L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--|---|---------|-----------------------------|-----------------|------------------|-------------------------|---|------------------------|--|-------------------------------------|---------|------------|---------------------------|--|-----------------------|---------------|-------------------------------|------------|-----------------------|------------------------------|----------|------------------|-----------------|------------------|--------------------|---------------------|------------|---------------------|-------------------------|----------------------------|--|
| DB re | eferenc | e: | | Room | LH 1 | DB | | | | Loc | cation: | 2nd | Floc | or, Pe | eaty S | Suite, R | oom | LH 1 | | Supp | lied 1 | from | | | 2 | nd Flo | or Su | b DE | 3 - 10 | L2 | | |
| Distrib | ution cir | rcuit OCPD: | BS (| EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | . 7 | -3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation o | of supply pol | larity | √ | | Со | onfirn | natio | n of p | hase | sequenc | e | N | N/A | | , | | | -, | | | | Zs at | : DB: | (| 0.17 🖸 | 2 | Ιŗ | of at | DB: | 1.34 | 1 kA |
| S | CHED | ULE OF C | CIRCL | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor o | letails | | (s) | Overcuri | rent pi | otectiv | ve dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| umber | | Circuit desc | ription | | wiring | Reference method | of erved | and | nber size | Max disconnect time permitted by BS7671 | | | (A | (kA) | m ed Zs (Ω) | | | perating (mA) | A) | | final ci | | R ₁ + | | age (V) | Live (M Ω) | Earth (M Ω) | (tick) | m be (Ω) | ection s) | ton n (tick) | Manual test button operation (tick) |
| Circuit number | | | | | Type of wiring | Referenc | Number of points served | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Liv | Live - Ea | Polarity (| Maximum measured | Disconnection time (ms) | Test button operation (| Manual t operation |
| 1 | Room S | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | | 0.32 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 3 | Lights & | k Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.63 | | 500 | > 999 | > 999 | ✓ | 0.80 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contact | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | OF | A Thermoplas insulated/shea cables | | Thermo cable metallic | plastic s in | | | C ermopl cables etallic | in | t | Thermople cables metallic tru | in | r | C | E rmopla: ables ir tallic tr | 1 | Thern /SW/ | F noplas A cablo | | | G rmoset VA cab | | ins | Mine sulated | | s | | 0 | - Oth N/A | | | |
| | | LS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrumer | nts use | d (serial | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctiona | | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth e | electrod | e resistance | : | | | | | | | Е | arth fault | loop | imp | edar | ice: | | | _ | | | | | RCI |): | | | | | | | | |
| T | ESTE | D BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Martir | | | | | Positio | | | | Elect | | n | | | Sign | nature | : | | | H.J | ll | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is ba | sed on the n | nodel s | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 20 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IE | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---------------------------------|--------------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|--|----------|----------|------------------------------|------------|-----------|-----------------------------|---------|------------------|----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | LH 1 | DB | | | | Loc | cation: | 2nd | Floo | or, Pe | eaty S | Suite, F | Room | LH 1 | | Supp | olied 1 | from | : | | 2 | nd Flo | or Su | ıb DE | 3 - 10 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | T | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | ā | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | <u>Φ</u> | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | ircuit | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| | Spara | | q _V | | P N io | | сро | Ma | BS | Туре | Rat | Bre | Ma | BS | Туре | | Rat | | | 2 | R ₁ . | R2 | Tes | | | Pol | Ma | Dis | Tes | Mai |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5645 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | F | | | G | | | | | | | | | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed cables | Thermop cables metallic o | s in | t | | cables etallic | in | it | Thermop cables metallic tr | in | ı | c | E ermopla ables in tallic tr | n | | moplas 'A cabl | | | rmoset WA cab | | in | Mino sulate | | s | | | O - Oth N/A | | | |

| D | ISTRIBUTION | I BOARD DI | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------------------------------|-----------------|--|------------------|----------------------------|--------------------------------------|------------------------|--|---------------------------------------|---------|------------|---------------------------|---|-----------------------|---------------|------------------------------|------------|-----------------------|-----------------------------|-------------|--------------------------------|-----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | Room | LH 2 | DB | | | | Loc | cation: | 2nd | Floc | r, Pe | eaty S | Suite, R | oom | LH 2 | | Supp | lied f | rom: | | | 21 | nd Flo | or Su | b DE | 3 - 11 | .L1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | e | N/A | ١ | | | | | | | | | | |
| Confirr | mation of supply po | olarity 🗸 | | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | ŕ | | • | , | | | | Zs at | : DB: | C | 0.14 🛭 | 2 | Ιŗ | of at | DB: | 1.58 | 3 kA |
| S | CHEDULE OF (| CIRCUIT DI | ETAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pr | otectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| Circuit number | Circuit desc | cription | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | S (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | rn (neutral) eu | rcuit (cbc) | R ₁ +R ₂ | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| | Room Sockets | | A | C | 2 <u>3</u> | 2.5 | | 0.4 | <u>8</u> | B B | 20 | <u>a</u> 8 | 2.19 | <u> </u> | | | | | <u></u> | | 0.27 | R2 | | | | | ∑ E 0.41 | <u>=</u> = | | Σ δ |
| 2 | Heater | | Α | С | 2 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.40 | | | | > 999 | ✓ | 0.54 | | | |
| 3 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.43 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE TYP WIR | | stic Therm | B oplastic es in conduit | | | C ermoplicables etallic | in | t | Thermopla cables i metallic tru | in | n | C | E ermoplas ables ir tallic tr | 1 | Therm /SWA | F noplas | | | G moset VA cab | | ins | Mine Sulated | | ·S | | 0 | o - Oth N/A | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume unctional: | nts used (seria | | or as 2673 | | umbe | ers): | Tr | nsulation | recie | tance | ٠. | | | | | | | | | Cor | itinui | itv: | | | | | | | |
| | electrode resistance | 1: | 102 | 20/3 |)J4 | | | | arth fault | | | | ice: | | | | . | | | | RCI | | icy. | | | | | | | - |
| | ESTED BY | | | | | | | | | | p | | | | | | | | | | | • | | | | | | | | |
| Nam | | n Mckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sign | nature | : | | | H.L | ll | | | | | Date | e: | 30 | /08/ | 2024 | |
| | m is based on the i | | 1 Appe | | | | 671: | 2018 | | | - | | | | | | | | | | | Ref: I | LFL20 |)2409 | 09123 | | | | | |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IE | <u> </u> | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|-----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|----------|------|------------------------------|------------|-----------|-----------------------------|----------|-------------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | LH 2 | DB | | | | Loc | cation: | 2nd | Floo | or, Pe | eaty S | Suite, R | Room | LH 2 | 2 | Supp | olied | from | : | | 2 | nd Flo | or Su | ıb DE | 3 - 11 | .L1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | EN) | a) | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | EN) | | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | | R1+ or | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| Circ | | | Туре | Refe | Num | Live | cbc | Max | BS (EN) | Туре | Ratii | Brea | Maxi | BS (EN) | Туре | Rate | Ratii | 17 (1 | rn (r | r2 (cpc) | R1+R2 | R2 | Test | Live | Live | Pola | Maxi | Disc | Test | Man |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | |) - Oth | or | | |
| TYP | S FOR Thermoplastic | Thermore cables metallic of | s in | t | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | ı | c | ermopla ables in tallic tr | ۱ | | moplas /A cabl | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| D | ISTRIBUTION | BOARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------------------------------|------------------|------------------|------------------|----------------------------|---------------------------------|------------------------|--|---------------------------------------|--------|------------|---------------------------|-----------------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------------------|----------|------------------------|--------|------------------|-----------|---------------------|-----------|---------------------|----------------------------|----------------------------|--|
| DB r | eference: | Room | LH 3 | DB | | | | Loc | cation: | 2nd | Floc | r, Pe | eaty S | Suite, R | oom | LH 3 | : | Supp | lied f | from | | | 2 | nd Flo | or Su | b DE | 3 - 11 | .L3 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | e | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply po | larity 🗸 | | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | ŕ | | • | ĺ | | | | Zs at | : DB: | . (| 0.16 🖸 | 2 | Ιŗ | of at | DB: | 1.42 | <u>≀</u> kA |
| S | CHEDULE OF (| CIRCUIT DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcuri | ent pr | otectiv | /e dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| Circuit number | Circuit desc | ription | Type of wiring | Reference method | Number of points served | Live (mm ²) pue unN | nber size | Max disconnect time permitted by BS7671 | (Z | | J (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (X | | Rated operating current (mA) | (A) | Ring f | r _n (neutral) pu | | R ₁ + or | | Test voltage (V) | Live (MΩ) | Earth (M Ω) | :y (tick) | num Irred (Ω) | Disconnection time (ms) | utton tion (tick) | Manual test button operation (tick) |
| Circuit | | | Type o | Refere | Numb | Live (| cpc (mm ²) | Max d permi | BS (EN) | Туре | Rating (A) | Break | Maxin | BS (EN) | Туре | Rated | Rating (A) | r1 (line) | r _n (ne | r2 (cpc) | R1+R2 | R2 | Test v | Live - | Live - | Polarity | Maximum measured | Discor time (| Test button operation (| Manua |
| 1 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | | 0.37 | | | |
| 2 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 3 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.50 | | 500 | > 999 | > 999 | ✓ | 0.66 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | _ | E | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | | - Oth | | | |
| CODE: TYPI WIR | E OF insulated/she | stic Thermo | plastic es in | | (| ermopla cables etallic | in | t | Thermopla cables i metallic tru | in | n | C | ermopla: ables in tallic tr | 1 | Therm /SWA | • | | | moset VA cab | | ins | Mine | | s | | | N/A | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume unctional: | nts used (serial | | or as 2673 | | umbe | ers): | Ţr | nsulation | resis | tance | e: | | | | | | | | | Cor | itinui | itv: | | | | | | | |
| | electrode resistance | : | 102 | | , J- T | | | | arth fault | | | | ice: | | | | | | | | RCI | | ٠-, ٠ | | | | | | | - |
| | ESTED BY | | | | | | | | | | ٩ | | | | | | | | | | | | | | | | | | | |
| Nam | _ | n Mckeown | | P | Positio | on: | | | Elect | ricia | n | | | Siar | nature | | | | H.J | w | u_ | | | | Date | e: | 30 | /በጸ/ | 2024 | |
| | m is based on the r | | Арре | | | | 671: | 2018 | | | •• | | | 0.31 | | | | | | | | Ref: I | LFL20 | 02409 | 09123 | | | | | |

| DB reference: | | OTI DE | IAI | L5 / | AND | IE | 5 I I | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-------------------------------|-----------------|------------------|-------------------------|---|------------------------|--|----------------------------------|---------|------------|---------------------------|--|----------|------|------------------------------|------------|-----------------------|-----------------------------|----------|------------------|-----------------|------------------|---------------------------------|------------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | LH 3 | DB | | | | Loc | cation: | 2nd | Floo | or, Pe | eaty S | Suite, R | Room | LH 3 | | Supp | olied | from | | | 2 | nd Flo | oor Su | ıb DE | 3 - 11 | .L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | (N | | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (Z | | Rated operating current (mA) | Rating (A) | | r _n (neutral) eu | | R ₁ - | +R2 R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| Zircui | | | ype | Refere | Numb Soints | live (| pc (r | dax c | BS (EN) | Туре | Rating | 3reak :apac | axin Jermi | BS (EN) | Туре | Rated | Rating | r ₁ (line) | ın (ne | r2 (cpc) | R1+R2 | R2 | est v | - - - - - - - | - <u>-</u> <u>-</u> <u>-</u> | olari | 1axin neas | Disco ime (| est b | Janu |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | F | | | G | | | | | | | |) C+' | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic | olastic s in | | | C ermopl cables etallic | in | it | Thermop cables metallic tr | in | ı | c | E ermopla ables in tallic tr | ۱ | | noplas A cabl | | | rmosei WA cal | | in | Mine sulated | | es | | | O - Oth N/A | | | |

| D | DISTR | IBUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DB r | eference | e: | | Room | LH 4 | DB | | | | Loc | cation: | 2nd | Floc | or, Pe | eaty S | Suite, R | oom | LH 4 | L | Supp | olied 1 | from | : [| | 2 | nd Flo | or Su | b DE | 3 - 10 | L3 | | |
| Distrib | ution cir | rcuit OCPD: | BS (| EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | . 7 | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation c | of supply pol | larity | ✓ | | Со | nfirn | natio | n of p | hase | sequenc | ce | N | N/A | | | | | , | | | | Zs at | DB: | (| 0.14 ⊆ | 2 | lp | of at | DB: | 1.62 | 2 kA |
| S | CHED | ULE OF C | CIRCL | JIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor o | letails | | (s) | Overcur | rent pi | rotectiv | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| Circuit number | | Circuit desc | ription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rz (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room S | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | | 0.42 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.40 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.54 | | 500 | > 999 | > 999 | ✓ | 0.68 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contact | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR E OF RING | Thermoplas insulated/sheat cables | | Thermo cable metallic | plastic s in | | | cables etallic | in | it | Thermople cables metallic tru | in | r | C | E ermopla cables in tallic tr | n | Therr /SW/ | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | s | | C | - Oth N/A | | | |
| | | LS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of te functiona | st instrumer | nts use | d (serial | | or as 2673 | | umbe | ers): | т. | nsulation | racio | tanc | ۵' | | | | | | | | | Cor | ntinui | itv. | | | | | | | |
| | | ar. e resistance | | | 102 | 20/3 |)J4 | | | | arth fault | | | | nce' | | | _ | | | | | RCI | | cy. | | | | | | | - |
| | | | • | | | | | | | | artii lault | . 100µ | , шір | Gual | ice. | | | | | | | | ICI | | | | | | | | | |
| Nam | ESTE | | a NAcle | 001410 | | Б | ositio | an: | | | Elect | ricio | n | | | Sign | nature | | | | u l | JCI | u | | | | Date | 0. | 20 | /no / | 2024 | |
| | | Martin sed on the n | | | Anne | | | | 671 | 2018 | Elect | | 111 | | | Sigi | iature | • | | | Μ, , | -(| | | l Fl 20 | 12409 | 09123 | | | | 2024 | |
| | 13 50 | | uci s | J. 10 4411 111 | , Appe | LIIUIX | 0 01 | ر در | J, I. | | | ٠ | | | | | | | | | | | ' | | _,(| 103 | | 2001 | ı a | 9c. 1 | _0 01 | 233 |

| S | CHEDULE OF CIRC | OTI DE | IAI | L5 / | AND | IE | <u> </u> | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---------------------|--------------------------------|-----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|----------|----------|------------------------------|------------|-----------|-----------------------------|-------------|-------|----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | LH 4 | DB | | | | Loc | cation: | 2nd | Floo | or, Pe | eaty S | Suite, F | Room | LH 4 | | Supp | olied | from | | | 2 | nd Flo | or Su | ıb DE | 3 - 10 | L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | ā | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | <u>ā</u> | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ຮ ້ 11 | Sparo | | Тур | Ref | Nur | Liv | cbc | May | BS | Туре | Rat | Bre | May | BS | Туре | Rat | Rat | | r_ | 12 | R1- | R2 | Tes | | | Pols | May | Dis | Tes | Mai |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 56.11.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | Н | | | | |) - Oth | or | | |
| TYP | S FOR Thermoplastic | Thermore cables metallic | olastic s in | | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | ı | c | ermopla cables in tallic tr | n | | moplas A cabl | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| D | ISTRIBUTION | BOARD DE | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------------------|-----------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------------------|--------|------------|---------------------------|---------------------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|-----------------------------|----------|------------------|-----------------|------------------|--------------------|---------------------|----------|---------------------|----------------------------|----------------------------|--|
| DB r | eference: | Room | LH 5 | DB | | | | Loc | cation: | 2nd | Floc | r, Pe | eaty S | Suite, R | oom | LH 5 | 5 | Supp | lied f | rom: | | | 2 | nd Flo | or Su | b DE | 3 - 10 | L1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirr | nation of supply po | larity 🗸 | | Со | nfirn | natior | n of p | hase | sequenc | e | N | 1/A | | | | | , | | | | Zs at | : DB: | (| 0.18 🔉 | 2 | Ιŗ | of at I | DB: | 1.29 |) kA |
| S | CHEDULE OF (| CIRCUIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcuri | ent pr | otectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| number | Circuit desc | cription | wiring | Reference method | of erved | Nun and | nber size | Max disconnect time permitted by BS7671 | | | (A) | g / (kA) | m ed Zs (Ω) | | | Rated operating current (mA) | | Ring f | | | R ₁ + | | Test voltage (V) | Live (M Ω) | Earth (M Ω) | (tick) | m ed (Ω) | ection is) | ton on (tick) | Manual test button operation (tick) |
| Circuit number | | | Type of wiring | Referen | Number of points served | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated o | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test vol | Live - Li | Live - E | Polarity | Maximum measured | Disconnection time (ms) | Test button operation (| Manual |
| 1 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.35 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.36 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.70 | | 500 | > 999 | > 999 | ✓ | 0.88 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE: TYP! WIR | E OF insulated/she | stic Thermo | | | (| cables etallic | in | t | Thermopla cables i metallic tru | in | n | C | E rmopla: ables in tallic tr | 1 | Therm /SWA | F noplas A cable | | | G moset VA cab | | ins | Mine sulated | - | S | | 0 | o - Oth N/A | | | |
| D | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deta | ils of test instrume | nts used (seria | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 102 | 2673 | 94 | | | Ir | nsulation | resis | tance | e: | | | | - | | | | | Cor | tinui | ity: | | | | | | | |
| Earth e | electrode resistance | : | | | | | | E | arth fault | loop | imp | edar | ice: | | | - | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Marti | n Mckeown | | F | ositio | on: | | | Elect | ricia | n | | | Sign | nature | : | | | H.L | ICI. | <u> </u> | | | | Date | e: | 30 | /08/ | 2024 | |
| his for | m is based on the r | model shown ir | 1 Арре | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 28 of | 253 |

| DB reference: | | OTI DE | IAI | LS I | AND | IE | 5 I I | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|-----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|----------|------|------------------------------|------------|-----------|-----------------------------|-------------|---------------------|----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | LH 5 | DB | | | | Loc | cation: | 2nd | Floo | or, Pe | eaty S | Suite, F | Room | LH 5 | ; | Supp | olied | from | | | 2 | nd Flo | or Su | ıb DE | 3 - 10 |)L1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | <u></u> | | | | | | <u> </u> | | | | Σ Δ | <u> </u> | | <u>~</u> | | | | | | R2 | | | | | Σ Έ | | | Σ ō |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | Н | | | | |) - Oth | er . | | |
| TYP | S FOR Thermoplastic | Thermore cables metallic of | s in | t | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | ı | c | ermopla cables in tallic tr | n | | moplas A cabl | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| D | ISTR | IBUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------------|----------------------------------|---------|-----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|-------------------------------------|---------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|-------------|----------------------|-----------------|------------------|---------------|----------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | eference | e: | | Room | LH 6 | DB | | | | Loc | cation: | 2nd | Floc | or, Pe | eaty S | Suite, R | oom | LH 6 | 5 : | Supp | lied f | rom: | | | 2 | 2nd Fl | oor S | ub D | В - 9 | L2 | | |
| Distrib | ution cir | cuit OCPD: | BS (| EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | . 7 | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirr | nation c | of supply pol | larity | ✓ | | Co | nfirn | natio | n of p | hase | e sequenc | e | N | N/A | | | | | , | | | | Zs at | : DB: | (| 0.17 🛭 | 2 | Ιŗ | of at | DB: | 1.34 | 1 kA |
| S | CHED | ULE OF C | CIRCL | JIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor o | letails | | (s) | Overcur | rent pi | rotectiv | ve dev | vice . | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| Circuit number | | Circuit desc | ription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | ā | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | ā | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) ei | rcuit (cbc) | R _{1+R2} or | | Test voltage (V) | e - Live (MΩ) | e - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| | | | | | | | | | | | | Туре | | | | | Туре | | | | | | | R2 | | Live | Live | | | | | |
| 1 | Room So | ockets | | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.41 | | | | | · | 0.58 | | | |
| 2 | Heater | • | | | A | С | 2 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.37 | | | | > 999 | | 0.54 | | | |
| 3 | | Contactor | | | Α | С | 9 | 1.5 | 1.0 | | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.50 | | | | > 999 | | 0.67 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Spare Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contact | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | A | | В | | | | С | | | D | | | | E | | | F | | | G | | | Н | | | | 0 | - Oth | er | | |
| CODE: TYPI WIR | OF | Thermoplas insulated/shea cables | | Thermo cable metallic | s in | | | ermopl cables etallic | in | it | Thermople cables metallic tru | in | r | C | ermopla cables in ctallic tr | ı | Therr /SW/ | noplas A cabl | | | moset VA cab | | in | Mine sulated | eral d cable | s | | | N/A | | | |
| | | LS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrumer | nts use | d (serial | | | | umbe | ers): | т. | nsulation | rocio | tanc | ٠. | | | | | | | | | Cor | ntinui | itv. | | | | | | | |
| | unctiona | ar: e resistance | | | 102 | 2673 | 934 | | | | | | | | 0001 | | | _ | | | | | RCI | | ity: | | | | | | | |
| | | | • | | | | | | | | arth fault | . 100E | д ппр | euar | ice: | | | | | | | | KCI |): | | | | | | | | |
| | ESTE | | | | | | | | | | | | | | | | | | | | 7111 | IC I | | | | | | | | ,, | | |
| Nam | | Martin | | | | | Positio | | <u></u> | 20:- | Elect | | n | | | Sigr | nature | : | | | M. J | NU | <u> </u> | | | 20.455 | Date | | | | 2024 | |
| nis for | m is ba | sed on the r | nodel s | snown in | Appe | endix | 6 of | BS 7 | 6/1: | 2018 | S+A2:202 | 2. | | | | | | | | | | | F | кеf: I | LFL2(|)2409 | 09123 | 9081 | Pa | ge: 1 | 30 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IE | <u> </u> | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|----------|------------|------------------------|------------------------------------|----------|------|------------------------------|------------|-----------|------------------------------|----------|-------------|-----------------------------------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room | LH 6 | DB | | | | Loc | cation: | 2nd | Floo | or, Pe | eaty S | Suite, R | Room | LH 6 | | Supp | olied | from | : | | 2 | 2nd Fl | oor S | ub D | B - 9 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent pi | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eug | rz (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | Σ α | <u> </u> | | | | Σ α | <u></u> | | | | | | | | <u>~</u> | | | | | Σ E | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | Н | | | | |) - Oth | or . | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermore cables metallic of | s in | t | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | ermopla ables in tallic tr | n | | noplas A cable | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| D | DISTRIBUTION E | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------------|---------------|----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | Rooi | m 35 C | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 3 | 35 | | | Supp | olied f | rom: | | | 2 | nd Fl | oor Su | ıb D | B - 8I | _2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratir | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . Т | -3 | N/A | N | /A 🗸 | | | | | ndicator of ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | rity 🗸 | , | Co | nfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.39 🛭 | 2 | ļį | of at I | DB: | 0.58 | 6kA |
| S | CHEDULE OF CI | RCUIT D | ETAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | poq | | Nun and | nber size | t time 3S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + or | | 7) | 5 | (D) | | | | | ritton (|
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (᠒) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.04 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
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| CODE | S FOR Thermoplastic | | B oplastic | | The | C | astic | | D Thermopla | stic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| | E OF insulated/sheath cables | | es in c conduit | t | | cables etallic | | it | cables i metallic tru | | r | | tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | in | Mine sulated | rai I cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | nils of test instruments | s used (seria | | | | umbe | ers): | | 1 . 1 | | | | | | | | | | | | • | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Signa | ature | : | | | H.J | ll | | | | | Date | | | /09/2 | | |
| his for | m is based on the mo | odel shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | - Pag | ge: 1 | 32 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 36 DB Location: 2nd Floor, Room 36 Supplied from: 2nd Floor Sub DB - 9L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-------------|--------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Ro | om 36 | DB | | | | Loc | cation: | | 2 | nd F | loor, | Room 3 | 36 | | | Supp | olied 1 | from: | | | 2 | nd Fl | oor Su | ıb D | B - 9I | _1 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | arity | √ | Co | onfirn | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.17 🛭 | 2 | ļį | of at I | OB: | 1.3 | 7 kA |
| S | CHEDULE OF C | IRCUIT | DETA | ILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | Conc | luctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice . | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | рог | | | nber size | : time S7671 | | | | | (_O) | | | | | Ring | final ci | rcuit | R ₁ + | |) | <u> </u> | (a | | | | | tton |
| Circuit number | Circuit descri | iption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.39 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
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| CODE | A Thermoplasti | ic The | B ermoplasti | C | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheat RING cables | thed c | cables in allic condu | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | ts used (se | | | | umbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 10 | 22673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | e: | 02, | /09/ | 2024 | |
| his for | rm is based on the m | nodel showr | n in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 33 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 37 DB Location: 2nd Floor, Room 37 Supplied from: 2nd Floor Sub DB - 9L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|----------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roc | m 37 [| ОВ | | | | Loc | cation: | | 2 | nd I | loor, | Room 3 | 37 | | | Supp | olied f | from: | | | 2 | nd Fl | oor Su | ıb D | B - 9I | _3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | : 1 | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | arity v | / | Co | onfirn | natio | n of p | hase | sequenc | e | ١ | N/A | | | | | | | | | Zs at | DB: | C | 0.19 🛭 | 2 | ļį | of at I | DB: | 1.20 |) kA |
| S | CHEDULE OF C | IRCUIT D | ETAI | ILS A | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | - | | | | | | | | | | т | EST R | ESULT | DETAILS | 6 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| | | | | рос | | | nber size | : time S7671 | | | | | (U) | | | | | Ring | final ci | rcuit | R ₁ + | |) | <u> </u> | (a | | | | | tton (|
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.35 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.43 | | 500 | > 999 | > 999 | ✓ | 0.62 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplasti | c Theri | B noplastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla | stic | | F | | | G | | | Н | | | | C | - Oth | er | | = |
| | insulated/sheat cables | hed ca | bles in ic condui | | | cables etallic | | it | cables i metallic tru | n | r | | cables in etallic tr | | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine | rai I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | ts used (seri | | _ | | | | | | | | | | | | | _ | | | | | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | _ | | | | | | itinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | | | | | Date | | | /09/2 | | |
| his for | rm is based on the m | odel shown | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 34 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 38 DB Location: 2nd Floor, Room 38 Supplied from: 2nd Floor Sub DB - 8L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|---------------|----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roor | n 38 D | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 3 | 38 | | | Supp | olied f | from | | | 2 | nd Fl | oor Su | ıb D | B - 8I | _3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: 1 | Γ1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply polar | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.31 ડ | 2 | ļį | of at I | OB: | 0.75 | 1kA |
| S | CHEDULE OF CI | RCUIT DE | ETAI | LS / | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 6 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice . | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (_O) | | | 0 | | Ring | final ci | rcuit | R ₁ + | | | a | (a | | | | | tton |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.30 | | 500 | > 999 | > 999 | ✓ | 0.61 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.68 | | 500 | > 999 | > 999 | ✓ | 0.89 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | 3 oplastic | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | insulated/sheath cables | | es in | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral I cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | s used (seria | | | | iumbe | ers): | | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H. J | ll | <u> </u> | | | | Date | e: | 02, | /09/ | 2024 | |
| nis for | rm is based on the mo | odel shown ir | 1 Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 35 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 39 DB Location: 2nd Floor, Room 39 Supplied from: 2nd Floor Sub DB - 8L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|--------------|-------------------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Ro | om 39 | DB | | | | Loc | cation: | | 2 | nd F | loor, | Room 3 | 39 | | | Supp | olied f | from: | | | 2 | nd Fl | oor Su | ıb D | B - 8I | _1 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | arity | √ | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.22 🛭 | 2 | ļį | of at I | OB: | 1.00 | 5 kA |
| S | CHEDULE OF C | IRCUIT I | DETA: | ILS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 6 | | | | |
| | | | | Cond | luctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | б | | Ring | final ci | rcuit | R ₁ + | | | 2 | (DI | | | | | itton) |
| Circuit number | Circuit descri | iption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.39 | | 500 | > 999 | > 999 | ✓ | 0.61 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.74 | | 500 | > 999 | > 999 | ✓ | 0.96 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplast | ic Ther | B rmoplastic | : | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheat RING cables | thed ca | ables in allic condu | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral d cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumen | ts used (ser | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 22673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | | | | 2024 | |
| nis for | rm is based on the m | nodel shown | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 36 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 40 DB Location: 2nd Floor, Room 40 Supplied from: 2nd Floor Sub DB - 11L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--------------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|-------------------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|--------------|------------------|--------|------------------|---------------|----------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Roon | cation: | | 2 | nd F | loor, | Room 4 | 10 | | | Supp | lied | from | : | | 2 | nd Flo | or Su | b DE | 3 - 11 | L2 | | | | | | | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T | 1 N/A | T2 | N/A | . 7 | 73 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/ | Д | | | | | | | | | | |
| Confir | mation of supply polari | ty 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | N | I/A | | | | | | | | | Zs at | DB: | (| 0.24 🛚 | 2 | ļį | of at I | OB: | 0.94 | 4kA |
| S | CHEDULE OF CI | RCUIT DE | TAI | LS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor o | letails | | (s) | Overcurr | ent p | rotectiv | /e dev | vice . | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| Circuit number | Circuit descript | ion | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | ā | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (EN) | ā | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | ircuit (cbc) | R1+R2 | | Test voltage (V) | e - Live (MΩ) | e - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Ö | | | ργ | Ref | | | | | BS | Туре | | Bre | | BS | Туре | Rat | Rat | Ľ | r_ O | 2 | R ₁ - | R2 | | Live | Live | | | Dis | Tes | Маг |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.40 | | 500 | > 999 | > 999 | ✓ | 0.62 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.52 | | 500 | > 999 | > 999 | ✓ | 0.76 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Α | Е | | | | С | | | D | | | | E | | | F | | | G | | | н | ı | | | С | - Oth | er | | |
| TYP | S FOR Thermoplastic insulated/sheather cables | td Thermo cable metallic | s in | i | | ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| ermopla: cables ir etallic tr | ı | Therm /SWA | noplas A cabl | | | rmose WA cat | | ins | Mine | eral d cable | es | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | used (serial | | | | umbe | ers): | - | 1 | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth (| electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| 1 | TESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | ⁄lckeown | | | Positio | | | | Elect | | n | | | Sign | ature | : | | | H. | uci | u | | | | Date | e: | 02, | /09/ | 2024 | |
| his fo | rm is based on the mo | del shown ir | Арре | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pag | ge: 1 | 37 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 41 DB Location: 2nd Floor, Room 41 Supplied from: 2nd Floor Sub DB - 7L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------|---------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Roor | n 41 C | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 4 | 11 | | | Supp | olied f | from | | | 2 | nd Fl | oor Su | ıb D | B - 7I | _2 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | Γ1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.28 🛭 | 2 | ļį | of at I | DB: | 0.83 | 1kA |
| S | CHEDULE OF CI | RCUIT DI | ETAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (_O) | | | 0 | | Ring | final ci | rcuit | R ₁ + | | | a | (a | | | | | tton |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 2 | Room Sockets | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.66 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.46 | | 500 | > 999 | > 999 | ✓ | 0.74 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B oplastic | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath cables | | es in | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral d cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | s used (seria | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | tinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.l | ll | <u> </u> | | | | Date | | | /09/2 | | |
| his for | rm is based on the mo | odel shown ir | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 38 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 42 DB Location: 2nd Floor, Room 42 Supplied from: 2nd Floor Sub DB - 6L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|--------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roo | m 42 [| ОВ | | | | Loc | cation: | | 2 | nd I | loor, | Room 4 | 12 | | | Supp | olied | from | | | 2 | nd Fl | oor Su | ıb D | B - 6I | ∟3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | : 1 | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | rity 🗸 | / | Co | onfirn | natio | n of p | hase | sequenc | е | 1 | N/A | | | | | | | | | Zs at | DB: | C | 0.22 🛭 | 2 | ļį | of at I | DB: | 1.0 | 3 kA |
| S | CHEDULE OF CI | RCUIT D | ETAI | LS | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | - | | | | - | | | | | | т | EST R | ESULT | DETAILS | 6 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (U) | | | 9 | | Ring | final ci | ircuit | R ₁ + or | | 0 | (2 | (a | | | | | tton (|
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | r Therm | B noplastic | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath | ned cab | les in c condui | | | cables etallic | in | it | cables i metallic tru | n | r | (| cables in etallic tr | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | s used (seri | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | u | | | | Date | e: | 02, | /09/ | 2024 | |
| his for | rm is based on the m | odel shown i | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 39 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 43 DB Location: 2nd Floor, Room 43 Supplied from: 2nd Floor Sub DB - 6L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------|---------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roo | m 43 [| В | | | | Loc | cation: | | 2 | nd I | loor, | Room 4 | 13 | | | Supp | olied f | rom: | | | 2 | nd Fl | oor Su | ıb D | B - 6I | _1 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | : 1 | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | e | ١ | N/A | | | | | | | | | Zs at | DB: | (| 0.30 | 2 | lį | of at I | DB: | 0.77 | 2kA |
| S | CHEDULE OF CI | RCUIT D | ETAI | LS | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | - | | | | | | | | | | т | EST R | ESULT | DETAILS | 6 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (U) | | | 0 | | Ring | final ci | rcuit | R ₁ + | | | a | (a | | | | | tton |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.60 | | 500 | > 999 | > 999 | ✓ | 0.90 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B noplastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath cables | ned cab | les in c condui | | | cables etallic | in | it | cables i metallic tru | n | r | (| cables in etallic tr | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | s used (seria | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | _ | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.l | ll | <u> </u> | | | | Date | | | /09/2 | | |
| his for | rm is based on the mo | odel shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 40 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 44 DB Location: 2nd Floor, Room 44 Supplied from: 2nd Floor Sub DB - 5L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------|---------------|----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Roor | n 44 C | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 4 | 14 | | | Supp | olied f | from: | | | 2 | nd Fl | oor Su | ıb D | B - 51 | _2 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: 1 | Γ1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply polar | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.32 🛭 | 2 | II | of at I | DB: | 0.71 | 6kA |
| S | CHEDULE OF CI | RCUIT D | ETAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice . | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | poq | | | nber size | t time \$37671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + or | | 0 | <u> </u> | (ប | | | | | itton) |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 5 | Hob & Extractor | | A | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.33 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B oplastic | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath cables | | es in | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral I cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | s used (seria | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.l | ll | <u> </u> | | | | Date | e: | 02, | /09/2 | 2024 | |
| his for | rm is based on the mo | odel shown ii | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 41 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 45 DB Location: 2nd Floor, Room 45 Supplied from: 2nd Floor Sub DB - 4L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------|----------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Roon | n 45 D | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 4 | 1 5 | | | Supp | olied f | from: | | | 2 | nd Fl | oor Su | ıb D | B - 4I | _3 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: T | Г1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply polar | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.36 🛭 | 2 | ļį | of at I | DB: | 0.63 | 9kA |
| S | CHEDULE OF CI | RCUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice . | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | роц | | | nber size | : time S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | | | (a | | | | | tton |
| Circuit number | Circuit descrip | ition | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.29 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.30 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.68 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.78 | | 500 | > 999 | > 999 | ✓ | 1.14 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath cables | | es in | : | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral d cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | nils of test instruments | s used (serial | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | _ | | | | | | tinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.l | ll | | | | | Date | e: | 02, | /09/2 | 2024 | |
| his for | m is based on the mo | odel shown in | Арре | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 42 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 46 DB Location: 2nd Floor, Room 46 Supplied from: 2nd Floor Sub DB - 4L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|---------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roor | n 46 E | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 4 | 16 | | | Supp | olied 1 | from: | | | 2 | nd Fl | oor Su | ıb D | B - 4I | L1 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: 1 | Γ1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply polar | rity 🗸 | • | Co | nfirn | natio | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.26 🛭 | 2 | ļį | of at I | DB: | 0.87 | 3kA |
| S | CHEDULE OF CI | RCUIT DI | ETAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (_O) | | | 0 | | Ring | final ci | rcuit | R ₁ + | | | a | (a | | | | | tton |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 2 | Room Sockets | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.03 | | 500 | > 999 | > 999 | ✓ | 0.29 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 2.53 | | 500 | > 999 | > 999 | ✓ | 2.79 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B oplastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | insulated/sheath cables | | es in | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral I cable | s | | | N/A | • | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | s used (seria | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | e: | 02, | /09/ | 2024 | |
| his for | rm is based on the mo | odel shown ir | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 43 of | 253 |

| C | DISTRIBUTIO | N BOAR | D DE. | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------------------------|-------------|----------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|---------|------------|------------------------|-------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|------------|--------------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | | Room | 47 D | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 4 | 47 | | | Supp | lied 1 | from | | | 2 | 2nd Fl | oor Sı | ıb D | B - 4 | L 2 | | |
| Distrib | oution circuit OCPD | : BS (EN | 1): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/ | /A 7 | Т2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply p | olarity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | , | | • | ĺ | | | | Zs at | DB: | (|).31 <u>ເ</u> | 2 | ļį | of at | DB: | 0.75 | 2kA |
| S | CHEDULE OF | CIRCUI | T DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pr | rotectiv | /e dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| <u>L.</u> | | | | | thod | | Nun and | nber size | ct time BS7671 | | | | | (_O) | | | βL | | Ring | final ci | rcuit | R ₁ + or l | | 5 | (ü | MΩ) | | | | Ş | utton <) |
| Circuit number | Circuit de | scription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | \checkmark | 0.48 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.35 | | 500 | > 999 | > 999 | ✓ | 0.66 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermopl | astic | B Thermop | olastic | | The | C ermopla | astic | | D Thermopla | astic | | The | E rmopla: | stic | Th | F | | Th. | G | . : | | H | | | | C |) - Oth | | | |
| | RING insulated/sh cables | | cables metallic c | | | | cables etallic | | t | cables i metallic tru | | n | | ables in tallic tr | | Therm /SWA | A cabl | | | rmoset NA cab | | ins | Mine sulated | cable | es | | | N/A | | | |
| | DETAILS OF T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume functional: | ents usea (| - | and/0 | | | umbe | ers): | Tr | nsulation | resis | tance | ٥. | | | | | | | | | Cor | itinui | tv• | | | | | | | |
| | electrode resistanc | e: | | 102 | | , J - | | | | arth fault | | | | nce: | | | | | | | | RCI | | ι,. | | | | | | | - |
| | TESTED BY | | | | | | | | | | | Р | | | | | | | | | | | | | | | | | | | |
| Nam | | in Mckeo | wn | | Р | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | lU | <u> </u> | | | | Date | e: | 02 | /09/2 | 2024 | |
| his for | rm is based on the | | | Appe | ndix | 6 of | BS 7 | 671: | 2018 | | | | | | | | | | | | | | Ref: I | FL20 | 02409 | 09123 | | | | | |

| D | ISTRIBUTION | BOARD | DET | AILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------------------|--------------|-------------------------|----------------|------------------------|-------------------------|------------------------|--|------------------------|---------|------------|---------------------------|-------------------------|-----------------------|-------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------|-------------|-----------|------------|-----------------|-----------------------|----------------------------|----------------------------|-------------------------------------|
| DB r | eference: | R | loom 4 | 8 DB | | | | Loc | cation: | | 2 | nd F | loor, | Room 4 | 48 | | | Supp | olied 1 | from | : [| | 2 | 2nd Fl | oor Sı | ıb D | B - 5 | L 1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | : | | 610 | 009 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N/A | T2 | 2 N/ | Ά | Т3 | N/A | N | /A √ | • | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation of supply po | larity | ✓ | (| Confir | matio | n of p | ohase | e sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | (|).29 | 2 | ļį | of at I | DB: | 0.78 | 9kA |
| S | CHEDULE OF (| CIRCUIT | DET | AILS | AND |) TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CII | RCUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Co | nductor | details | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| number | Circuit desc | cription | | Type of wiring | of | and | nber size | Max disconnect time permitted by BS7671 | | | A) | g (KA) | m (Ω) SZ þa | | | Rated operating current (mA) | ¥ (¥ | | final ci | | R ₁ + or | | voltage (V) | Live (MΩ) | Earth (MΩ) | (tick) | m (a) be | ection s) | : button ration (tick) | Manual test button operation (tick) |
| Circuit number | | | , | Type of wiring | Number of points serve | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated of | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test vol | Live - Li | Live - E | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test buttor operation (| Manual operatio |
| 1 | Oven | | | A C | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 2 | Room Sockets | | | A C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 3 | Fridge | | | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.63 | | | |
| 4 | Heater | | | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 5 | Hob & Extractor | | | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.67 | | | |
| 6 | Lights & Contactor | | | A C | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.40 | | 500 | > 999 | > 999 | ✓ | 0.69 | | | |
| 7 | Spare | | | | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | - | | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | - | | - 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES | | | B nermoplas | | Th | C nermopl | | | Thermopla | | | | E ermopla | | Thern | F | etic | The | G rmoset | ttina | | H Mine | | | | C |) - Oth | | | |
| WIR | | | cables in tallic con | | nonn | cables netallic | | it | cables metallic tru | | r | | tallic tr | | | A cabl | | | WA cab | | ins | | d cable | es | | | N/A | | | |
| | ETAILS OF TE | | | | | | \. | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume unctional: | nts usea (se | | 1a/or (| | iumb | ers): | Jı | nsulation | resis | stance | e: | | | | _ | | | | | Cor | ntinui | tv: | | | | | | | |
| | electrode resistance | : | Δ, | | . 334 | | | | arth fault | | | | nce: | | | | | | | | RCI | | -, . | | | | | | | -1 |
| | ESTED BY | | | | | | | | | | P | | | | | | - - | | | | | | | | | | | | | |
| Nam | | n Mckeow | /n | | Positi | ion: | | | Elect | ricia | n | | | Sian | ature | : | | | H.J | w | <u> </u> | | | | Date | e: | 02 | /09/: | 2024 | |
| | m is based on the r | | | ppend | | | 671: | 2018 | | | - | | | <u> </u> | | | | | - | | | Ref: I | FL20 | 02409 | 09123 | | | | | |

| D | DISTRIBUTION E | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------------|---------------|----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Rooi | m 49 E | В | | | | Loc | cation: | | 2 | nd I | loor, | Room 4 | 19 | | | Supp | olied f | from: | | | 2 | nd Fl | oor Su | ıb D | B - 51 | _3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | : 1 | В | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | N/A | | | | | | | | | Zs at | DB: | C | 0.40 🛭 | 2 | ļį | of at I | DB: | 0.57 | 6kA |
| S | CHEDULE OF CI | RCUIT D | ETAI | LS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | - | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | 0 | (2 | (a | | | | | tton) |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B oplastic | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath cables | ned cab | les in conduit | | | cables etallic | in | it | cables i metallic tru | n | r | (| cables in | ۱ | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | s used (seria | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin | Mckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sign | ature | : | | | H.l | ll | <u> </u> | | | | Date | e: | 02, | /09/2 | 2024 | |
| his for | rm is based on the mo | odel shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 46 of | 253 |

| D | DISTRIBUTION E | BOARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------------|----------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roon | n 50 D | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 5 | 50 | | | Supp | olied | from | | | 2 | nd Fl | oor Su | ıb D | B - 6I | _2 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: 1 | 1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply polar | rity 🗸 | | Cc | onfirn | natio | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.26 🛭 | 2 | ļį | of at I | DB: | 0.87 | 7kA |
| S | CHEDULE OF CI | RCUIT DE | TAI | LS / | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 6 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (_O) | | | 0 | | Ring | final ci | ircuit | R ₁ + or | | | a | (a | | | | | tton |
| Circuit number | Circuit descrip | tion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 1.33 | | 500 | > 999 | > 999 | ✓ | 1.59 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | Thermo | | | The | C ermopl | astic | | D Thermopla | estic | | The | E rmopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath cables | | s in | : | | cables etallic | in | it | cables i metallic tru | n | r | C | ables ir tallic tr | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral d cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments | s used (serial | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | | tinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | ice: | | | - | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | u | | | | Date | | | /09/2 | | |
| his for | rm is based on the mo | del shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 47 of | 253 |

| D | DISTRIBUTION | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------------------|---------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roo | m 51 [| ОВ | | | | Loc | cation: | | 2 | nd I | loor, | Room 5 | 51 | | | Supp | olied | from | | | 2 | nd Fl | oor Su | ıb D | B - 7I | _1 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | : 1 | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | rity 🗸 | | Co | onfirn | natio | n of p | ohase | sequenc | е | 1 | N/A | | | | | | | | | Zs at | DB: | (| 0.26 🛭 | 2 | ļį | of at I | DB: | 0.90 | 5kA |
| S | CHEDULE OF CI | RCUIT D | ETAI | LS A | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | - | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| | | | | роц | | | nber size | : time S7671 | | | | | (U) | | | | | Ring | final ci | rcuit | R ₁ + | | | <u> </u> | (a | | | | | tton (|
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.41 | | 500 | > 999 | > 999 | ✓ | 0.67 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.47 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.58 | | 500 | > 999 | > 999 | ✓ | 0.84 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B noplastic | | The | C ermopl | actic | | D Thermopla | etic | | The | E ermopla | etic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath | ned cab | les in c condui | | | cables etallic | in | it | cables i metallic tru | n | r | (| cables ir etallic tr | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | in | Mine sulated | eral d cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | s used (seria | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | tinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Martin | Mckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sign | ature | : | | | H.J | ll | u | | | | Date | e: | 02, | /09/2 | 2024 | |
| his for | rm is based on the mo | odel shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 48 of | 253 |

| D | DISTRIBUTION I | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------------------|---------------|----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Rooi | m 52 C | В | | | | Loc | cation: | | 2 | nd F | loor, | Room 5 | 52 | | | Supp | olied | from | | | 2 | nd Fl | oor Su | ıb D | B - 7I | _3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | rity 🗸 | , | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.31 🛭 | 2 | ļį | of at I | DB: | 0.73 | 9kA |
| S | CHEDULE OF CI | RCUIT D | ETAI | LS / | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | б | | Ring | final ci | ircuit | R ₁ + or | | | 2 | (a) | | | | |)) |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.69 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B oplastic | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheath | ned cab | les in conduit | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral d cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | s used (seria | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | | | /09/2 | | |
| his for | rm is based on the mo | odel shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 49 of | 253 |

| C | DISTRI | IBUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------|-------------------------|----------|--------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------------------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | eference | e: | | UB Far K | itche | n DB | | | | Loc | cation: | 2nd | d Flo | or, E | Bolt Si | uite, UE | 8 Kitcl | hen | | Supp | olied | from | : | | 2 | 2nd Fl | oor Su | ıb D | B - 1 | ∟2 | | |
| Distrib | ution cir | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | Settir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | . 1 | Γ3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation o | of supply po | larity | ✓ | | Со | nfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| ວ.32 ໑ | 2 | lŗ | pf at I | DB: | 0.71 | .6kA |
| S | CHED | ULE OF (| CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotecti | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDD |
| | | | | | | por | | | nber size | time S7671 | | | | | 2) | | | 6 | | Ring | final ci | ircuit | R ₁ + or | -R ₂ R ₂ | | | (G | | | | | ton |
| Circuit number | | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven 1 | | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 2 | Oven 2 | | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 3 | Kitchen | Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 4 | Fridge | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.19 | | | |
| 5 | Cleaners | s Socket | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.60 | | | |
| 6 | Cleaners | s Socket | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 7 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 8 | Hob & E | xtractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 9 | TV | | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 10 | Lights & | Contactor | | | Α | С | 10 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR | A Thermoplas | stic | B Thermor | | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermoplas | stic | | F | | | G | | | , a | | | | C |) - Oth | er | | |
| | E OF RING | insulated/she cables | athed | cables metallic | | | | cables etallic | | it | cables i metallic tru | | r | | tallic tru | | Therm /SWA | A cabl | | | rmoset WA cab | | in | Mine sulated | erai d cable | es | | | N/A | | | |
| | | LS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | unctiona | st instrume | nts use | - | 1022 | | | iumbe | ers): | Tı | nsulation | resis | tanc | ٠. | | | | | | | | | Cor | ntinui | itv | | | | | | | |
| | | e resistance | | | 102 | _0/ | , J . T | | | | arth fault | | | | ice. | | | | | | | | RCI | | ٠-, ٠ | | | | | | | - |
| | | | • | | | | | | | | a. cir idult | 1001 | , πηρ | - Cuui | | | | | | | | | | | | | | | | | | |
| Nam | ESTEI | | n Mck | 200142 | | С | Positio | on: | | | Elect | ricia | n | | | Sign | ature | | | | u l | JC I | u | | | | Date | | 02 | /09/: | 2024 | |
| | | sed on the | | | Anne | | | | 671 | 2018 | | | 111 | | | Sigil | ature | • | | | (-(,) | | | | l Fl 20 | 12409 | 09123 | | | | | |
| | is su | | | J J | | | 5 51 | | J, I. | | | | | | | | | | | | | | | | \ | | | | u | 5 I | | |

| S | CHEDULE OF CIT | KCOTI DE | : I A I | L5 / | AND | | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--------------------------------|------------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|--|---------|--------|------------------------------|------------|-----------------------|-----------------------------|--------------|-------|----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | UB Far k | Citche | n DB | 3 | | | Loc | cation: | 2nd | d Flo | or, E | olt S | uite, U | B Kitc | hen | | Supp | olied | from | : | | 2 | 2nd Fl | oor S | ub D | B - 1 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | T | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (8) | Overcur | rent pr | otecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit descript | ion | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | ircuit (cbc) | R1+R2 | R2 R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic insulated/sheather cables | Thermo ed cable metallic | plastic es in | | | cables etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla ables in tallic tr | n | | F moplas A cabl | | | G rmose WA cab | | in | Mino sulate | | s | | | O - Oth N/A | | | |

| D | DISTR: | IBUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------|--|----------|-----------------------------|-----------------|------------------|----------------------------|-----------------------------|------------------------|--|-------------------------------------|---------|------------|---------------------------|----------------------------------|-----------------------|--------------|------------------------------|------------|-----------|-----------------|-------------|-----------|--------|------------------|----------------------|--------------|-------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | referenc | e: | | Room | UB 1 | DB | | | | Loc | cation: | 2nd | l Flo | or, B | olt S | uite, Ro | om L | JB 1 | : | Supp | lied f | from | | | 2 | nd Fl | oor Si | ub DI | B - 3 | L2 | | |
| Distrib | ution cir | rcuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | . 1 | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirr | mation o | of supply po | larity | √ | | Со | nfirn | natio | n of p | hase | sequenc | e | N | N/A | | | | | , | | | | Zs at | DB: | (| 0.23 ⊆ | 2 | Ιp | of at | DB: | 0.98 | 3kA |
| S | CHED | ULE OF C | CIRC | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor o | letails | | (s) | Overcuri | rent pi | otectiv | ve dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| Circuit number | | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | EN) | 4) | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) eu | rcuit (cbc) | R1+ or | | Test voltage (V) | - Live (M Ω) | - Earth (MΩ) | rity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Circ | | | | | Туре | Refe | Num | Live | срс | Max | BS (| Туре | Ratir | Brea | Max | BS (EN) | Туре | Rate | Ratir | | r L | 12 (0 | R1+R2 | R2 | Test | Live | Live | Polarity | Max | Disc | Test | Man |
| 1 | Room S | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.24 | | | > 999 | | | 0.47 | | | |
| 3 | | k Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.53 | | 500 | > 999 | > 999 | √ | 0.76 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 8 | Contact | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | | | | В | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | | - Oth | | | |
| TYP | S FOR E OF RING | Thermoplas insulated/shea cables | | Thermo cable metallic | plastic s in | | | ermopl cables etallic | in | t | Thermopla cables metallic tru | in | r | C | ermopla ables in tallic tr | n | Thern /SW | • | | | moset VA cab | | ins | Mine | - | s | | | N/A | | | |
| | | LS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of te unctiona | st instrumer al: | nts use | ed (serial | | or as 2673 | | umbe | ers): | Ţ, | nsulation | recic | tanc | ۵, | | | | | | | | | Cor | ntinui | itv. | | | | | | | |
| | | e resistance | | | 102 | 20/3 |)J4 | | | | arth fault | | | | nce' | | | _ | | | | | RCI | | cy. | | | | | | | |
| | | | • | | | | | | | | artii lault | 100 | - ппр | Gual | ice. | | | | | | | | ICI | | | | | | | | | |
| Nam | ESTE | | n Male | 200112 | | г | ositio | an: | | | Flact | ricia | n | | | Ciar | nature | | | | u I | ICI. | u_ | | | | Date | · | 02 | /00/ | 2024 | |
| | | Martin sed on the r | | | Anne | | | | 671. | 2018 | Elect | | 11 | | | Sigi | iature | • | | | (-(,) | | | | l Fl 20 | 12409 | 09123 | | | | | |
| 101 | 13 00 | | ouci s | S. 10 VVII III | , , , PPC | LIIUIX | 0 01 | ر در | J, I. | _010 | | | | | | | | | | | | | ' | | _,(| 103 | | 2001 | | 9c. 1 | J_ 01 | 200 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | | 5 11 | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|-----------------------------------|---------|------------|---------------------------|------------------------------------|----------|----------|------------------------------|------------|-----------|--------------------------|--------------|-------|----------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | Room l | JB 1 | DB | | | | Loc | cation: | 2nc | d Flo | or, B | olt S | uite, Ro | oom l | UB 1 | | Supp | olied | from | : | | 2 | 2nd Fl | oor S | ub D | B - 3 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | T | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (8) | Overcur | rent pr | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | ircuit (cbc) | R1+R2 | R2 R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | <u> </u> | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | ŀ | | | | |) - Oth | er | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic c | s in | t | | ermopl cables etallic | in | it | Thermopi cables metallic tr | in | r | c | ermopla cables in tallic tr | n | | mopla: /A cabl | | | rmose WA cal | | in | Min | | s | | | N/A | | | |

| D | ISTRIBUTION | BOARD DI | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|-----------------|--|------------------|----------------------------|-------------------|------------------------|--|---------------------------------------|---------|------------|---------------------------|---------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|--------------------------|-----------------|------------------|--------------------|---------------------|-----------|---------------------|----------------------------|----------------------------|--|
| DB r | eference: | Room | UB 2 | DB | | | | Loc | cation: | 2nc | l Flo | or, B | olt S | uite, Ro | om L | IB 2 | 9 | Suppl | ied f | rom: | | | 2 | nd Fl | oor Si | ub D | B - 2 | L3 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | etting | : | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | 9 | N/A | | | | | | | | | | | |
| Confirr | mation of supply po | olarity 🗸 | | Со | nfirn | natior | n of p | hase | sequenc | e | N | 1/A | | | | F. 50 | , | | | | Zs at | DB: | C |).25 <u>c</u> | 2 | Ιŗ | of at | DB: | 0.95 | 0kA |
| | CHEDULE OF | | ETAI | LS A | AND | TE | ST E | RESI | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcur | rent pr | otectiv | /e dev | vice | | RCD | | | | Conti | nuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| Circuit number | Circuit desc | cription | Type of wiring | Reference method | Number of points served | | nber size | Max disconnect time permitted by BS7671 | (Z | | J (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (N | | Rated operating current (mA) | | Ring fi | r _n (neutral) pu | | R ₁ + or I | | Test voltage (V) | Live (M Ω) | Earth (M Ω) | :y (tick) | num ured (Ω) | Disconnection time (ms) | utton tion (tick) | Manual test button operation (tick) |
| Circuit | | | Туре | Refere | Numb | Live (| cpc (mm ²) | Max d permi | BS (EN) | Type | Rating (A) | Break | Maxin | BS (EN) | Туре | Rated | Rating (A) | r1 (line) | r _n (ne | r2 (cpc) | R1+R2 | R2 | Test v | Live - | Live - | Polarity | Maximum measured | Discor time (| Test button operation (| Manua |
| 1 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | | 0.50 | | | |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 3 | Lights & Contactor | | A | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.64 | | 500 | > 999 | > 999 | ✓ | 0.89 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | F | | | | | | | | | | | | | | |
| TYP | S FOR Thermopla: E OF insulated/she LING cables | stic Therm | B oplastic es in conduit | | | cables etallic | in | t | Thermopla cables i metallic tru | in | n | C | E ermopla ables in tallic tr | n | Thern /SW/ | • | | | G mosett A cabl | | ins | Mine Sulated | | s | | | o - Oth N/A | | | |
| | ETAILS OF TE | | | | | | > | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume unctional: | nts used (seria | | or as 2673 | | umbe | ers): | Ir | nsulation | resis | tance | e: | | | | | | | | | Con | itinui | ty: | | | | | | | |
| | electrode resistance | e: | _02 | | | | | | arth fault | | | | nce: | | | _ | | | | | RCE | | | | | | | | | = |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | _ | n Mckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sign | nature | : | | 40 | H.L | Cu | | | | | Date | e: | 02 | /09/: | 2024 | |
| his for | m is based on the | | n Appe | endix | 6 of | BS 7 | 671: | 2018 | | | | | | | | | | | | <u> </u> | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | | | | |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | | 51 I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|------------------------------------|----------|------------|---------------------------|--|----------|-------|-------------------------------|------------|-----------|------------------------------|--------------|-------|----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | Room l | UB 2 | DB | | | | Loc | cation: | 2nc | d Flo | or, B | olt S | uite, Ro | oom l | JB 2 | | Supp | olied | from | : | | 2 | 2nd Fl | oor S | ub D | B - 2 | L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | T | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (8) | Overcur | rent pr | rotecti | ve dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | ircuit (cbc) | R1+R2 | R2 R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | <u> </u> | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed cables | Thermop cables metallic o | s in | t | (| cables etallic | in | it | Thermopl cables metallic tru | in | r | c | E ermopla cables in etallic tr | n | | F moplas /A cabl | | | G ermose WA cal | | in | Mino sulate | | s | | (| O - Oth N/A | | | |

| D | ISTRI | IBUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----------|---|---------|-----------------|-----------------|------------------|----------------------------|------------------|------------------------|--|-------------------------------------|---------|------------|---------------------------|--|-----------------------|---------------|-------------------------------|------------|-----------------------|------------------------------|--------------|----------|-----------------|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | eference | e: | | Room | UB 3 | DB | | | | Loc | cation: | 2nc | d Flo | or, B | olt S | uite, Ro | om L | JB 3 | | Supp | lied 1 | from | : | | 2 | nd Fl | oor S | ub D | B - 2 | L1 | | |
| Distrib | ution cir | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | . 1 | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | nation o | of supply pol | larity | ✓ | | Со | nfirn | natio | n of p | ohase | e sequenc | e | N | N/A | | | | | ĺ | | | | Zs at | : DB: | (| 0.24 ⊆ | 2 | Ιŗ | of at | DB: | 0.96 | 6kA |
| S | CHED | ULE OF C | CIRCL | UIT DE | TAI | LS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcur | rent pi | rotectiv | ve dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| Circuit number | | Circuit desc | ription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) pu | ircuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room So | ockets | | | A | C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | <u> </u> | | | | | | | 0.26 | <u>~</u> | | | | | 0.50 | | | |
| 2 | Heater | | | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contact | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A B C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF | A Thermoplas insulated/shea cables | | Thermo cable | plastic s in | | | ermopl cables | in | it | Thermople cables metallic tru | in | r | C | E rmopla: ables ir tallic tr | 1 | Thern /SW/ | F noplas A cable | | | G rmoset VA cab | | in | Mine sulated | - | s | | C | o - Oth N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | nts use | ed (serial | | | | umbe | ers): | т. | a a ulatie :- | wa a!- | | | | | | | | | | | Co | | | | | | | | | |
| | unctiona | | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | _ |
| | | e resistance | : | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | J: | | | | | | | | |
| | ESTE | | | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| Nam | | Marti | | | | | Positio | | | | Elect | | n | | | Sigr | nature | : | | | H.J | ul | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is bas | sed on the r | nodel s | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 22. | | | | | | | | | | | I | Ref: I | LFL20 |)2409 | 09123 | 9081 | - Pa | ge: 1 | 56 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|------------------------------------|---------|------------|---------------------------|--|----------|-------|-------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room l | UB 3 | DB | | | | Loc | cation: | 2nc | l Flo | or, B | olt S | uite, Ro | oom l | JB 3 | | Supp | olied | from | | | 2 | 2nd Fl | oor S | ub D | B - 2 | L1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | .s | | | | |
| | | | | Cond | uctor d | letails | | (8) | Overcur | rent pr | otecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | <u> </u> | | | | Σα_ | <u></u> | F | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic c | s in | t | (| cables etallic | in | it | Thermopl cables metallic tru | in | r | c | E ermopla ables in tallic tr | n | | F moplas A cable | | | G rmose WA cab | | in | Mine sulated | | es | | (| o - Oth N/A | | | |

| D | ISTRI | IBUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---------|-----------------|-----------------|------------------|----------------------------|-------------------------|------------------------|--|-------------------------------------|---------|------------|------------------------|---|-----------------------|--------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------------|-----------------|------------------|--------------------|---------------------|----------|---------------------|-------------------------|----------------------------|--|
| DB r | eference | e: | | Room | UB 4 | DB | | | | Loc | cation: | 2nc | l Flo | or, B | olt S | uite, Ro | om L | JB 4 | 9 | Suppl | ied f | rom: | | | 2 | nd Fl | oor Si | ub DI | B - 1 | L3 | | |
| Distrib | ution cir | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Rati | ng/S | etting | 1: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | . 1 | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | 9 | N/A | 4 | | | | | | | | | | |
| Confirr | nation o | of supply pol | larity | ✓ | | Со | nfirn | natio | n of p | hase | sequenc | e | N | N/A | | , | | | , | | | | Zs at | DB: | (| 0.46 ⊆ | 2 | Ιp | of at | DB: | 0.50 | 2kA |
| S | CHED | ULE OF C | CIRCL | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pr | otectiv | ve dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| number | | Circuit desc | ription | | wiring | Reference method | of erved | and | nber size | Max disconnect time permitted by BS7671 | | | (A) | g (KA) | m ed Zs (Ω) | | | Rated operating current (mA) | | Ring fi | | | R ₁ + or | | Test voltage (V) | Live (M Ω) | Earth (M Ω) | (tick) | m ed (Ω) | ection s) | ton on (tick) | Manual test button operation (tick) |
| Circuit number | | | | | Type of wiring | Referen | Number of points served | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated of | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voli | Live - Li | Live - E | Polarity | Maximum measured | Disconnection time (ms) | Test button operation (| Manual operatio |
| 1 | Room So | ockets | | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | | 0.68 | | | |
| 2 | Heater | | | _ | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.49 | | 500 | > 999 | > 999 | ✓ | 0.95 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contact | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A B C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF | A Thermoplas insulated/shea cables | | Thermo cable | plastic s in | : | | ermopl cables | in | t | Thermopla cables metallic tru | in | r | C | E ermopla: ables in tallic tr | 1 | Thern /SW | F noplas A cable | | | moseti 'A cab | | ins | Mine sulated | | s | | 0 | o - Oth N/A | | | |
| | WIRING cables metallic conduit nonmetallic conduit metallic conduit DETAILS OF TEST INSTRUMENTS Details of test instruments used (serial and/or asset numbers): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | nts use | ed (serial | | | | umbe | ers): | | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctiona | | | | 102 | 2673 | 394 | | | | sulation | | | | | | | - | | | | | | ntinui - | ity: | | | | | | | _ |
| | | e resistance | : | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTE | | | | | | | | | | | | | | | | | | | | | la : | | | | | | | | | | |
| Nam | | Marti | | | | | Positio | | | | Elect | | n | | | Sign | ature | : | | | H.L | ll | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is bas | sed on the r | nodel s | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 58 of | 253 |

| S | CHEDULE OF CIRC | OTL DE | IAI | LS I | AND | IE | STI | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---------------------------------|-----------------|------------------|----------------------------|---|------------------------|--|------------------------------------|---------|------------|---------------------------|---|----------|-------|-------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | Room l | UB 4 | DB | | | | Loc | cation: | 2nc | d Flo | or, B | olt S | uite, Ro | oom l | JB 4 | | Supp | olied | from | : | | 2 | 2nd Fl | oor S | ub D | B - 1 | L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | .s | | | | |
| | | | | Cond | uctor c | letails | | (8) | Overcur | rent pi | rotecti | ve dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed cables | Thermop cables metallic c | olastic s in | t | | C ermopl cables etallic | in | it | Thermopl cables metallic tru | in | 1 | c | E rmopla ables ir tallic tr | n | | F noplas A cable | | | G rmose WA cab | | in | Mine sulated | | s | | (| o - Oth N/A | | | |

| D | ISTRI | BUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------------|--|---------|-----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|-------------------------------------|---------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|-------------|----------|--------|------------------|---------------|----------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | eference | e: | | Room | UB 5 | DB | | | | Loc | cation: | 2nd | d Flo | or, B | olt S | uite, Ro | om L | JB 5 | : | Supp | lied f | rom: | | | 2 | 2nd Fl | oor Si | ub DI | B - 2 | _2 | | |
| Distrib | ution cir | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | ı | 3 | Rati | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | . 7 | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirr | nation o | f supply pol | larity | ✓ | | Со | nfirn | natio | n of p | hase | sequenc | e | N | N/A | | , | | | -, | | | | Zs at | : DB: | (| 0.24 🛭 | 2 | Ιŗ | of at | DB: | 0.94 | 2kA |
| S | CHED | ULE OF C | CIRCU | UIT DE | TAI | LS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor o | letails | | (s) | Overcuri | rent pi | rotectiv | ve dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| Circuit number | | Circuit desc | ription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | Φ | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | · · | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) ei | rcuit (cbc) | R1+R2 | | Test voltage (V) | e - Live (MΩ) | e - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| | | | | | | | | | | | | Туре | | | | | Туре | | | | | | | R2 | | Live | Live | | | | | |
| 1 | Room So | ockets | | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | | | | | 0.51 | | | |
| 2 | Heater | | | | A | С | 2 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | | > 999 | | | 0.50 | | | |
| 3 | | Contactor | | | Α | С | 9 | 1.5 | 1.0 | | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.62 | | | > 999 | | | 0.86 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Spare Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or . | | | | | | 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | D | | | | E | | | F | | | G | | | Н | | | | 0 | - Oth | er | | | | | | | | | | | |
| CODE: TYPI WIR | OF | Thermoplas insulated/shea cables | | Thermo cable metallic | s in | | | ermopl cables etallic | in | it | Thermopla cables metallic tru | in | r | C | rmopla ables ir tallic tr | 1 | Thern /SW/ | noplas A cabl | | | moset VA cab | | in | Mine | eral d cable | es | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | nts use | ed (serial | | | | umbe | ers): | - | 1 | | | | | | | | | | | | _ | | | | | | | | | |
| | unctiona | | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ity: | | | | | | | |
| Earth e | electrode | resistance | : | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTE | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Marti | | | | | Positio | | | | Elect | | n | | | Sigr | nature | : | | | H.I | ll. | <u> </u> | | | | Date | | | /09/2 | | |
| his for | m is bas | sed on the r | nodel s | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 60 of | 253 |

| S | CHEDULE OF CIRC | OTL DE | TAI | LS I | AND | TE | STI | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|------------------------------------|---------|------------|---------------------------|---|----------|-------|-------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room l | UB 5 | DB | | | | Loc | cation: | 2nc | d Flo | or, B | olt S | uite, Ro | oom l | JB 5 | | Supp | olied | from | | | 2 | 2nd Fl | oor S | ub D | B - 2 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | .s | | | | |
| | | | | Cond | uctor d | letails | | (8) | Overcur | rent pi | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed tING cables | Thermop cables metallic c | s in | t | | cables etallic | in | it | Thermopl cables metallic tru | in | ı | c | E ermopla cables in tallic tr | n | | F moplas A cable | | | G rmose WA cab | | in | Mine sulated | | s | | | N/A | | | |

| D | ISTRIBUTION | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--------------------------|---|------------------|----------------------------|---|------------------------|--|--|---------|------------|---------------------------|--|-----------------------|---------------|-------------------------------|--------|-----------------------|------------------------------|----------|--------------------------------|-----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--|
| DB r | eference: | Room | UB 6 | DB | | | | Loc | cation: | 2nc | l Flo | or, B | olt S | uite, Ro | om L | JB 6 | 9 | Suppl | lied f | rom: | | | 2 | nd Fl | oor Si | ub DI | B - 3 | _1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | T | ype: | ı | 3 | Rati | ng/S | etting | j : | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | T3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | | | | | | | | | | | |
| Confirr | mation of supply po | olarity 🗸 | , | Сс | nfirn | natio | n of p | hase | sequenc | e | N | I/A | | ŕ | | • | , | | | | Zs at | DB: | . (| 0.29 🖸 | 2 | Ιŗ | of at | DB: | 0.80 | 0kA |
| S | CHEDULE OF (| CIRCUIT D | ETAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcur | rent pr | otectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| Circuit number | Circuit desc | cription | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | | r ₁ (line) | r _n (neutral) eu | rz (cbc) | R ₁ +R ₂ | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | | | | | 0.51 | | | |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.63 | | | |
| 3 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplas E OF insulated/she LING cables | stic Therm athed cabl | B oplastic es in c condui | | | C ermopl cables etallic | in | t | D Thermopla cables i metallic tru | in | n | C | E ermopla: ables ir stallic tr | 1 | Thern /SW/ | F noplas A cable | | | G moseti /A cab | | ins | Mine Sulated | - | s | | 0 | o - Oth N/A | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume unctional: | nts useu (seria | | or as 2673 | | umbe | :(3): | Ir | nsulation | resis | tance | e: | | | | | | | | | Cor | itinui | ity: | | | | | | | |
| | electrode resistance | 2: | | | | | | | arth fault | | | | ice: | | | - | | | | | RCI | | • | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | n Mckeown | | F | ositio | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H.L | Ch | | | | | Date | e: | 02 | /09/ | 2024 | |
| his for | m is based on the | model shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 62 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IE | 5 11 | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|---|------------------------|--|------------------------------------|---------|------------|---------------------------|---------------------------------------|----------|-------|------------------------------|------------|-----------------------|-----------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | Room l | UB 6 | DB | | | | Loc | cation: | 2nc | d Flo | or, B | olt S | uite, Ro | oom l | JB 6 | | Supp | olied | from | | | 2 | 2nd Fl | oor S | ub D | B - 3 | L 1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcur | rent pr | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic o | s in | t | | C ermopl cables etallic | in | it | Thermopl cables metallic tru | in | r | c | E ermopla ables in tallic tr | n | | F moplas A cabl | | | G rmose WA cab | | in | Mine sulated | | s | | (| O - Oth N/A | | | |

| D | ISTRIBUTION | BOARD DI | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------------------------------|-----------------|--|------------------|----------------------------|--------------------------------------|------------------------|--|---------------------------------------|---------|------------|---------------------------|--|-----------------------|---------------|-------------------------------|--------|-----------|------------------------------|-------------|--------------------------------|-----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--|
| DB r | eference: | Room | UB 7 | DB | | | | Loc | cation: | 2nc | l Flo | or, B | olt S | uite, Ro | om U | JB 7 | 9 | Suppl | lied f | rom: | | | 2 | nd Fl | oor Si | ıb Di | B - 3I | _3 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | etting | ı: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | T3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | 9 | N/A | ١ | | | | | | | | | | |
| Confirr | mation of supply po | olarity 🗸 | | Сс | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | , | | • | , | | | | Zs at | : DB: | . (| 0.24 🖸 | 2 | Ιŗ | of at I | OB: | 0.95 | 0kA |
| S | CHEDULE OF | CIRCUIT DI | ETAI | LS | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcur | rent pr | otectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| Circuit number | Circuit desc | cription | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R ₁ +R ₂ | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Sockets | | A | C | 4 | 2.5 | | 0.4 | 60898 | B | 20 | 6 | 2.19 | <u> </u> | | | | | | | 0.30 | | | | | | 0.54 | | | <u></u> |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.55 | | | |
| 3 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.68 | | 500 | > 999 | > 999 | ✓ | 0.92 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE TYP WIR | E OF insulated/she | stic Therm | B oplastic es in conduit | | | C ermoplicables etallic | in | t | Thermopla cables i metallic tru | in | n | C | E ermopla: ables ir stallic tr | 1 | Therm /SWA | F noplas A cable | | | G moseti /A cab | | ins | Mine Sulated | - | es . | | 0 | - Oth N/A | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume unctional: | nts used (seria | | or as 2673 | | umbe | ers): | Ir | nsulation | resis | tance | e: | | | | | | | | | Cor | itinui | ity: | | | | | | | |
| | electrode resistance | 2: | | | | | | | arth fault | | | | ice: | | | - | | | | | RCI | | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | _ | n Mckeown | | F | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.L | ll | | | | | Date | e: | 02, | /09/: | 2024 | |
| his for | m is based on the | model shown ir | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 64 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | | SII | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--------------------------------|--------------------------------------|----------------|------------------|----------------------------|----------------------------------|------------------------|--|---|---------|------------|---------------------------|------------------------------------|----------|-------|--------------------------------|------------|-----------|-----------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | eference: | Room l | UB 7 | DB | | | | Loc | cation: | 2nc | l Flo | or, B | olt S | uite, Ro | oom l | JB 7 | | Supp | olied | from | | | 2 | 2nd Fl | oor S | ub D | B - 3 | L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (8) | Overcur | rent pi | otecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | E OF insulated/sheathed | B Thermop cables metallic o | s in | t | | C ermopl cables etallic | in | it | D Thermopl cables metallic tru | in | r | c | E ermopla cables in | n | | F moplas 'A cable | | | G rmose WA cat | | in | Mine sulated | | es . | 1 | • | o - Oth N/A | | | |

| D | ISTRIBUTIO | N BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|------------|-----------------|-----------------|------------------|----------------------------|-----------------|------------------------|--|---------------------------------------|---------|------------|---------------------------|---|-----------------------------|-------|------------------------------|------------|-----------------------|------------------------------|-------------|----------|-----------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | | 3rd Floo | or Sub | DB | | | | Loc | cation: | | 3rd | Floc | r, Ele | ectrical R | iser | | | Supp | lied 1 | from | : | | | | MPB - | 1TF |) | | | |
| Distrib | ution circuit OCPI | D: BS (| (EN): | | | 609 | 947-2 | 2 M | ССВ | | | Т | ype: | | В | Ratii | ng/S | ettin | g: | 100 |) A | | No | of p | hases | | 3 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N, | /A √ | | | | | ndicator of ality indicator | | | | | √ | | | | | | | | | | | |
| Confirr | mation of supply | oolarity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | | √ | | , | | | , | | | | Zs at | : DB: | (| 2 80.0 | 2 | ļį | of at | DB: | 6.28 | 3 kA |
| S | CHEDULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT I | DETAILS | 5 | | | | |
| | | | | | Cond | uctor d | etails | | (s) | Overcurr | ent pr | otectiv | e dev | ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| Circuit number | Circuit d | escription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) pu | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 L1 | Near Kitchen DB | | | Α | В | 1 | 16 | 6 | 5 | 61009 | В | 45 | | 0.98 | 61009-B | Α | 30 | 45 | | | | 0.07 | | 500 | > 999 | > 999 | | 0.15 | | ✓ | |
| 1 L2 | Far Kitchen DB | | | А | В | 1 | 16 | 6 | 5 | 61009 | В | 45 | 10 | 0.98 | 61009-B | А | 30 | 45 | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.34 | 108 | ✓ | |
| 1 L3 | Room VH-4 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.26 | 18.4 | ✓ | |
| 2 L1 | Room VH-3 DB | | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.27 | 18.3 | ✓ | |
| 2 L2 | Room VH-5 DB | | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | А | 30 | 40 | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.31 | 18.3 | ✓ | |
| 2 L3 | Room VH-2 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.32 | 18.4 | ✓ | |
| 3 L1 | Room VH-6 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.29 | 18.5 | ✓ | |
| 3 L2 | Room VH-1 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.30 | 18.4 | ✓ | |
| 3 L3 | Room VH-7 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.30 | 18.5 | ✓ | |
| 4 L1 | Room 64 DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.35 | 13.5 | ✓ | |
| A B C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE: TYPI WIR | E OF insulated/s | heathed | Thermo cable | plastic s in | | (| rmopla ables | in | t | Thermopla cables i metallic tru | n | n | С | E rmopla ables in tallic tr | า | | F noplas A cable | | | G rmoset VA cab | | ins | Mine sulated | | S | | C | o - Oth N/A | | | |
| WIRING cables metallic conduit nonmetallic conduit DETAILS OF TEST INSTRUMENTS Details of test instruments used (serial and/or asset numbers): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | nents use | ed (serial | | | | umbe | ers): | т | aulatia : | ma c! - | tarr | | | | | | | | | | Co | tie:: | i - | | | | | | | |
| | unctional: | | | 1022 | Z0/3 | 94 | | | | nsulation | | | | | | | _ | - | | | | | ntinui S. | ity: | | | | | | | - |
| | electrode resistan | ce: | | | | | | | E | arth fault | юор | ımp | eaan | ice: | | | | | | | | RCI | J: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | la. | | | | | | | | | | |
| Nam | | | | | | | | | | | | n | | | Signa | ture | : | | | H.J | u | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is based on the | | | | | | | | | | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 66 of | 253 | |

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS 3rd Floor, Electrical Riser MPB - 1TP DB reference: 3rd Floor Sub DB Location: Supplied from: **CIRCUIT DETAILS TEST RESULT DETAILS** Conductor details Overcurrent protective device **RCD** Continuity (Ω) Insulation resistance Zs RCD AFDD Max disconnect time permitted by BS7671 Number R₁+R₂ Ring final circuit method and size or R₂ Test button operation (tick) Manual test butt operation (tick) Disconnection time (ms) numbe (S) Circuit description of wiring Rated operating current (mA) (tick) voltage Earth Live (mm²) (mm²) r of serve Live Reference (neutra (EN) (EN) (line) Polarity (cbc) Rating Rating rcuit Type (cbc BS 덛 ے 2 ₽ 10 5 30 40 4 L2 Room 65 DB Α В 1 4 61009 В 40 10 1.09 61009-B Α 0.21 500 > 999 > 999 0.29 13.8 4 L3 Room 63 DB Α В 10 5 61009 40 10 1.09 61009-B 30 40 0.15 500 > 999 | > 999 0.23 14.6 1 4 В Α 5 L1 Room 66 DB Α 10 4 5 61009 40 1.09 61009-B 30 40 0.19 > 999 > 999 0.27 18.4 В 1 В 10 Α ------500 ---10 5 61009 61009-B 5 L2 Room 62 DB Α В 1 4 В 40 10 1.09 Α 30 40 ------0.17 ---500 > 999 > 999 0.25 18.3 ---5 L3 Room 67 DB 10 4 5 40 10 1.09 61009-B 30 40 0.33 > 999 > 999 0.41 18.5 Α В 1 61009 В Α 500 6 L1 Room 61 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.15 500 > 999 > 999 0.23 18.4 5 1.09 61009-B 0.25 18.5 6 L2 Room 68 DB Α В 10 4 61009 В 40 10 Α 30 40 0.17 500 > 999 |> 999 1 ------------6 L3 Room 60 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.23 500 > 999 > 999 0.31 45.2 10 5 61009 30 0.25 0.33 18.5 7 L1 Room 69 DB Α В 1 4 В 40 10 1.09 61009-B Α 40 500 |> 999 |> 999 7 L2 Room 59 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B 30 40 0.19 500 > 999 > 999 0.27 18.5 Α ---7 L3 Room 70 DB В 10 5 61009 1.09 61009-B 30 0.23 18.5 Α 1 4 В 40 10 Α 40 0.15 500 > 999 > 999 ---Room 58 DB 10 5 1.09 30 0.13 0.21 13.6 8 L1 Α В 1 4 61009 В 40 10 61009-B Α 40 ---500 |> 999 |> 999 8 L2 Room 53 DB В 10 5 61009 40 10 1.09 61009-B 30 40 > 999 |> 999 0.23 18.4 Α 1 4 В Α 0.15 500 ------Room 57 DB 5 61009-B 0.17 18.5 8 L3 Α В 1 10 4 61009 В 40 10 1.09 Α 30 40 0.09 500 > 999 |> 999 ------------5 Room 54 DB 10 61009-B 0.22 18.5 9 L1 Α В 1 4 61009 В 40 10 1.09 30 40 0.14 500 > 999 > 999 5 9 L2 Room 55 DB Α В 1 10 4 61009 В 40 10 1.09 61009-B Α 30 40 0.09 500 > 999 | > 999 0.17 18.5 ------------10 5 9 L3 Room MF-6 DB Α В 1 4 61009 В 40 10 1.09 61009-B Α 30 40 ------0.11 500 > 999 > 999 0.17 18.4 ---В 10 4 5 61009 40 10 1.09 61009-B 30 40 0.12 500 0.20 18.5 10 L1 | Room 56 DB Α 1 В Α |> 999 |> 999 ---------10 L2 Room MF-1 DB Α В 1 10 4 5 61009 В 40 10 1.09 61009-B Α 30 40 0.08 500 > 999 > 999 0.16 18.4 Room MF-5 DB 10 5 61009 1.09 61009-B 30 0.08 > 999 |> 999 10 L3 В В 40 10 40 500 0.16 18.4 Α 1 4 Α ---11 L1 Room MF-2 DB Α В 1 10 4 5 61009 В 40 10 | 1.09 | 61009-B Α 30 40 0.10 500 > 999 |> 999 0.18 18.4 В G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed cables in cables in cables in cables in N/A /SWA cables /SWA cables insulated cables WIRING metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

| 5 | CHEDUL | e OF CIRC | 3rd Floor Sub DB | | | | | | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------|----------------|--|-----------------------------|----------------------------|---------------------------------|---------|--|---------|---------|--|---------------------------|------------------------------------|---------|-----------------------------------|------------------------------|------------|-------------------|-----------------------------|-------------|------------------|--------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|----------|------|
| DB r | eference: | | | Loc | cation: | | 3rd | Flo | or, Ele | ectrical R | iser | | | Supp | lied 1 | rom | : | | | | MPB | - 1TI | - | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | 7 | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor o | letails | | (s) | Overcurr | ent p | rotectiv | ve dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | С | ircuit description | | Number of points served | Live (mm ²) pue und | | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) pu | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | | |
| 11 L2 | Room MF-4 | DB | | A Type of wiring | ☑ Reference method | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.12 | | 500 | > 999 | | √ | | 18.4 | ✓ | |
| 11 L3 | Room MF-3 | DB | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | А | 30 | 40 | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.17 | 18.7 | ✓ | |
| 12 L1 | Cleaners Soc | ket | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 61009 | В | 20 | 10 | 2.19 | 61009-B | Α | 30 | 20 | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.49 | 18.5 | ✓ | |
| 12 L2 | Corridor Ligh | nts Near | | Α | В | 15 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.88 | | 500 | LIM | > 999 | ✓ | 0.96 | 18.4 | ✓ | |
| 12 L3 | Near Corrido | or Stair Lights | | Α | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.11 | | 500 | LIM | > 999 | ✓ | 1.19 | 18.1 | ✓ | |
| 13 L1 | Corridor Ligh | nts Far | | Α | В | 25 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.69 | | 500 | LIM | > 999 | ✓ | 1.77 | 17.9 | ✓ | |
| 13 L2 | Corridor EM | Lights | | Α | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.61 | | 500 | LIM | > 999 | ✓ | 0.69 | 15.3 | ✓ | |
| 13 L3 | Far Stair Ligh | ts | | Α | В | 10 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | LIM | | 500 | LIM | > 999 | LIM | LIM | FAULT | × | |
| 14 L1 | Lift | | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | В | 20 | 10 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.23 | | | |
| 14 L2 | Door Access | | | Α | В | 2 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.20 | | | |
| 14 L3 | RHS Spur | | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 15 L1 | LHS Spur | | | Α | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | |
| 15 L2 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L3 | CT Meter | | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60947-2 | С | 6 | 10 | 3.64 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| 16 TP | CT Meter | | | Α | В | 1 | 1.5 | 1.0 | 0.4 | 60947-2 | С | 6 | 10 | 3.64 | | | | | | | | 0.02 | | 500 | > 999 | > 999 | ✓ | 0.17 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Α | В | | | | С | | | D | | | | E | | | F | | | G | | | Н | 1 | | | (| o - Oth | er | | |
| CODE TYP WIR | | hermoplastic lated/sheathed cables | Thermo cable metallic | s in | | (| ermopla cables etallic | in | it | Thermopla cables i metallic trui | n | r | (| ermopla cables i etallic tr | n | | noplas A cable | | | rmoset NA cab | | in | Min sulate | eral d cable | es | | | N/A | | | |

| | DISTRIBU | TION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------------------|--|-----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|---------------------------------------|--------|------------|---------------------------|--------------------------------------|------------------------|---------------|------------------------------|------------|-----------------------|------------------|-------------|----------|--------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | | MF Near | Kitch | en D | В | | | Loc | cation: | 3rd | Floo | r, Fa | ırah S | uite, M | F Kitc | hen | 1 | Supp | lied 1 | from | : | | 3 | 3rd Flo | oor Su | ıb Di | B - 1l | .1 | | |
| Distrib | ution circuit (| OCPD: BS | (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Type | s: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of sup | ply polarity | ✓ | | Co | nfirn | natio | n of p | ohase | sequenc | е | N | I/A | | | | | | | | | Zs at | DB: | (| 0.15 🛭 | 2 | lį | pf at I | DB: | 1.5 | 1 kA |
| S | CHEDULE | OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | rotectiv | /e dev | /ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Cir | cuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | rn (neutral) pu | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven 1 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 2 | Oven 2 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 3 | Kitchen Socke | ets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.45 | | 500 | > 999 | > 999 | ✓ | 0.60 | | | |
| 4 | Fridge | | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.33 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Cleaners Sock | et | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.30 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 7 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.38 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 8 | Hob & Extrac | or | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.35 | | | |
| 9 | TV | | | А | С | 3 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 10 | Lights & Cont | actor | | Α | С | 10 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.60 | | 500 | > 999 | > 999 | ✓ | 0.75 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Α | В | | | | С | | | D | | | | E. | | | F | | | G | | | Н | | | | C | o - Oth | er | | |
| TYP | | ermoplastic ated/sheathed cables | Thermo cable metallic | s in | | | ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| ermoplas cables ir etallic tri | | Therm /SWA | noplas A cabl | | | rmoset NA cab | | ins | Mine | eral I cable | :S | | | N/A | | | |
| | DETAILS C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test ins unctional: | truments us | sed (serial | and/6 | | | iumb | ers): | T, | nsulation | rocio | tanc | ٠. | | | | | | | | | Cor | itinui | + | | | | | | | |
| | | | | 102. | 20/3 | 94 | | | | | | | | | | | | | | | | | | Ly. | | | | | | | - |
| | electrode resi | | | | | | | | E | arth fault | 1000 | imp | eaar | ice: | | | | | | | | RCI |): | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | 10. | | | | | | | | | | |
| Nam | | Martin Mc | | | | Positio | | | | Elect | | n | | | Sign | ature | : | | | H.J | ıcı | <u> </u> | | | | Date | | | /09/ | | |
| his for | rm is based o | n the model | l shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | _FL20 | 2409 | 09123 | 9081 | L - Pa | ge: 1 | 69 of | 253 |

| S | CHEDULE OF | CIRCUI | I DEL | AIL | _S A | AND | | 5 I I | KES | UL15 | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------------------------------|-----------|--|----------------|------------------|----------------------------|------------------|------------------------|--|----------------------------------|----------|------------|---------------------------|----------------------------------|----------|-----------|------------------------------|------------|-----------|--------------------------|-------------|-------|--------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | eference: | MF | Near Kit | tche | n DE | 3 | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, N | 1F Kit | chen | | Supp | olied 1 | from | : | | 3 | 3rd Fl | oor Sı | ıb D | B - 1I | .1 | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Condu | uctor d | etails | | (s) | Overcui | rrent pi | rotecti | ve dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit de | scription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | <u> </u> | | | Σ ά | | <u></u> | | E 0 | Σ Δ | <u>~</u> | <u></u> _ | | | | | | | R2 | | | | | ΞΞ. | | | Σ δ |
| 12 | Spare | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 Spare | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | | В | | | | С | | | D | | | | E | | | F | | | G | | | H | | | | |) - Oth | er | | |
| CODE TYP WIR | S FOR Thermop E OF insulated/sl | neathed | Thermopla cables ir netallic con | ı | | | ermopl cables | in | t | Thermop cables metallic tr | in | r | c | rmopla: ables ir tallic tr | ۱ | | noplas A cable | | | rmoset WA cab | | in | Mine | | s | | | N/A | | | |

| D | ISTRIBUTION | BOARD DE | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------|----------------|-------------------------------|----------------------------|---------|-------------------------------|--|-------------------|---------------------|--------|---------------------------|-----------------------------|--------------------------|-----------------------|------------------------------|---------|------------|-----------|--------------------------|------------------|----------|------------------|--------------------|---------------------|----------|---------------|----------------------------|---------------------|--|------------------|
| DB r | eference: | Room | MF 1 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, Ro | oom N | MF 1 | . : | Supp | lied f | from | : | | 3 | rd Flo | or Su | b DB | - 10 | L2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | 3 | Ratii | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | T3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | e | N/A | 4 | | | | | | | | | | |
| Confirr | nation of supply po | larity 🗸 | | Со | nfirn | natior | n of p | hase | sequenc | e | N | 1/A | | a,a | | p. 50 | , , | | | | Zs at | DB: | C | 0.16 🖸 | 2 | Ιŗ | of at I | DB: | 1.44 | 1 kA |
| | CHEDULE OF (| | ΕΤΑΙ | LS | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcuri | ent pr | otectiv | /e dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| Circuit number | Circuit desc | Type of wiring | Reference method | Number of points served | and | nber size | Max disconnect time permitted by BS7671 | - Ca | | (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | <u> </u> | | Rated operating current (mA) | (A) | Ring f | | | R ₁ + | | Test voltage (V) | Live (M Ω) | Earth (M Ω) | / (tick) | um red (Ω) | Disconnection time (ms) | ıtton ion (tick) | Manual test button operation (tick) | |
| Circuit | | | Type of | Refere | Numbe | Live (mm ²) | cpc (mm ²) | Max di: permit | BS (EN) | Туре | Rating (A) | Breakir capacit | Maxim | BS (EN) | Туре | Rated | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test vo | Live - I | Live - I | Polarity | Maximum measured | Discon time (r | Test button operation (| Manua operati |
| 1 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | | 0.31 | | | |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.36 | | 500 | > 999 | > 999 | ✓ | 0.52 | | | |
| 3 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.70 | | 500 | > 999 | > 999 | ✓ | 0.86 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE | | stic Thermo | 3 oplastic es in | | | C ermople cables | | | Thermopla cables | | | | E rmopla: ables ir | | Thern | | | | moset | | | Mine | eral | | | 0 | 0 - O th N/A | | | |
| WIR | | metallic | | | nonm | etallic | condui | t | metallic tru | nking | n | ionme | tallic tr | unking | /500/ | A cable | es | /50 | VA cab | nes | ins | suiated | d cable | S | | | ,, | | | |
| | ETAILS OF TE | | | | set n | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 102 | 2673 | 394 | | | Ir | nsulation | resis | tance | e: | | | | - | | | | | Cor | itinui | ty: | | | | | | | |
| Earth e | electrode resistance | : | | | | | | E | arth fault | loop | imp | edar | ice: | | | - | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Marti | n Mckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sigr | nature | : | | | H.I | w | <u> </u> | | | | Date | e: | 02 | /09/2 | 2024 | |
| his for | m is based on the r | model shown ir | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 71 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|----------|------------|---------------------------|---|---------|-------|------------------------------|------------|-----------------------|-----------------------------|----------|------------------|-----------------------------------|------------------|-------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room N | ∕IF 1 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, R | oom l | MF 1 | | Supp | olied | from | | | 3 | rd Flo | or Su | b DE | 3 - 10 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent pi | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | (N | | (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (N | | Rated operating current (mA) | Rating (A) | | r _n (neutral) eu | | R ₁ - | -R ₂ R ₂ | Test voltage (V) | - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| Zirouit | | | уре | Refere | Jumb | ive (| pc (n | lax d | BS (EN) | Туре | Rating (A) | 3reak apac | laxin ermi | BS (EN) | Туре | tated | tating | r ₁ (line) | n (ne | r2 (cpc) | R1+R2 | R2 | est v | Live - | . <u>.</u> | olarit | laxin neasu | ime (| est b | Janua |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic c | in | | (| cables etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla cables in tallic tr | n | | noplas A cabl | | | rmosei WA cal | | in | Mine sulated | | s | | | O - Oth N/A | | | |

| D | ISTRI | BUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------|-----------------------------------|------------------|-----------------------------|-----------------|--------------|--|-------------------------|------------------------|----------------------|-------------------------------------|----------------|------------|------------------------|--|-----------------------|---------------|-------------------------------|------------|------------------------|------------------------------|------------------|--------------------|---------------------|----------|-------------|---------------|------------------|--|-------------------------|----------------------------|--------|
| DB r | eference | e: | | Room | MF 2 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, Ro | oom I | MF 2 | 2 | Supp | lied | from | : | | 3 | rd Flo | or Su | b DB | - 11 | L1 | | |
| Distrib | ution cire | cuit OCPD: | BS (E | EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | 3 | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | nation of | f supply pol | arity | √ | | Со | nfirn | natior | n of p | hase | sequenc | e | ١ | ۱/A | , | , | | , | , | | | | Zs at | : DB: | (| 0.18 🔉 | 2 | lp | of at | DB: | 1.2 | l kA |
| S | CHEDI | ULE OF C | IRCL | JIT DE | TAI | LS A | AND | TE | ST E | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pi | rotectiv | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| number | | wiring | Reference method | of erved | and | nber size | Max disconnect time permitted by BS7671 | | | (A) | g (KA) | m ed Zs (Ω) | | | Rated operating current (mA) | (A) | | final ci | | R ₁ + or | | Test voltage (V) | Live (M Ω) | Earth (M Ω) | (tick) | m ed (Ω) | ection is) | ton on (tick) | Manual test button operation (tick) | | | |
| Circuit number | | | | | Type of wiring | Referen | Number of points served | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated o | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test vol | Live - Li | Live - E | Polarity | Maximum measured | Disconnection time (ms) | Test button operation (| Manual |
| 1 | Room Sc | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | | 0.43 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.30 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.76 | | 500 | > 999 | > 999 | ✓ | 0.94 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | E OF | Thermoplast insulated/shea cables | | Thermo cable metallic | plastic s in | | | cables etallic | in | t | Thermopla cables metallic tru | in | r | C | E ermopla ables in tallic tr | 1 | Thern /SW/ | F noplas A cable | | | G rmoset WA cab | | in | Mine sulated | - | s | | C | - Oth N/A | | | |
| | | S OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrumen | its used | d (serial | | | | umbe | ers): | т. | aculation | rocia | tanc | ٠. | | | | | | | | | Cor | ntinui | it. | | | | | | | |
| | unctional | | | | 102 | ∠७/3 | 94 | | | | nsulation | | | | | | | _ | | | | | | | ity: | | | | | | | - |
| | | resistance: | | | | | | | | | arth fault | 100 | ımp | euar | ice: | | | | | | | | RCI | J: | | | | | | | | |
| | ESTED | | | | | | | | | | - 1 · | | | | | C : | | | | | 11 1 | IC I | | | | | . | | 00 | 100 1 | 2021 | |
| Nam | | Martin | | | Anna | | ositio | | 671. | 2019 | Elect | | n | | | Sign | nature | • | | | Μ, λ | 1U | | | I EI O | 2400 | Date 09123 | | | | 2024 | |
| 1115 101 | III IS DAS | seu on the fi | nouel S | NI HWOH | Ahhe | iiuix | 0 01 | / כט | 0/1: | ZUIQ | TAZ:202 | ۷. | | | | | | | | | | | ı | ver: | | 12409 | UDIZ3 | JUOT | - ra | ge: I | 12 01 | 233 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IE | 5 I I | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---------------------------------|----------------|------------------|----------------------------|---|------------------------|--|----------------------------------|----------|------------|---------------------------|---|---------|-------|------------------------------|------------|-----------------------|-----------------------------|----------|------------------|-----------|------------------|-------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | eference: | Room N | MF 2 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, R | oom I | MF 2 | | Supp | olied | from | | | 3 | rd Flo | or Su | b DE | 3 - 11 | L1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent pi | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | 2 | | (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | 2 | | Rated operating current (mA) | (A) | | r _n (neutral) eu | | R ₁ - | -R2 R2 | Test voltage (V) | - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ircuit | | | ype o | efere | lumb | ive (| pc (n | lax d ermi | BS (EN) | Туре | Rating (A) | sreak | laxin ermi | BS (EN) | Туре | ated | Rating (A) | r ₁ (line) | n (ne | r2 (cpc) | R1+R2 | R2 | est v | Live - | is e | olarit | laxin neasu | iscor ime (| est b | lanua |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | D := | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | | | | D | | | | | | | F | | | G | | | ŀ | | | | |) - O+- | 0 | | |
| CODE TYP WIR | S FOR Thermoplastic E OF insulated/sheathed | Thermop cables metallic c | s in | t | (| C ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla cables in etallic tr | n | | noplas A cabl | | | rmose WA cal | | in | Mine | | es es | | | O - Oth N/A | | | |

| D | DISTR | IBUTION | I BOA | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------|-------------------------|----------------|---------------------|-------------------------|-------------------------|------------------------|--|-------------------|------|--------------------------|---------------------------|----------------------------|------------------|----------------------|------------------------------|--------------|-----------------------|--------------------------|----------|-----------------|------------------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|------------|------|
| DB r | eference | e: | | Room I | MF 3 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, Ro | om N | MF 3 | 3 | Supp | olied | from | : | | 3 | rd Flo | or Su | b DB | 3 - 11 | L3 | | |
| Distrib | ution cir | rcuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | Settir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | Т | -3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/ | Д | | | | | | | | | | |
| Confirr | mation c | of supply po | olarity | ✓ | | Со | nfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| D.17 s | Ω | lŗ | of at I | OB: | 1.30 |) kA |
| S | CHED | ULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | | Cond | uctor d | letails | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D . | AFDD |
| | | | | | poq | | | nber size | t time \$37671 | | | | | (_O) | | | 9 | | Ring | final c | ircuit | R ₁ + or | | | হ | (ប | | | | | itton) | |
| Circuit number | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Type | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | | |
| 1 | Room S | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.50 | | 500 | > 999 | > 999 | ✓ | 0.67 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contact | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE | S FOR | A Thermopla | stic | B Thermor | | | The | C | astic | | D Thermopla | astic | | The | E ermopla: | stic | | F | | | G | | | н | | | | O | - Oth | er | | |
| TYP | E OF | insulated/she cables | | cables metallic | s in | | Č | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Thern /SW | noplas A cabl | | | rmose WA cat | | in | Mine sulated | eral d cable | es | | | N/A | | | |
| | | LS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ills of te unctiona | st instrume | nts use | - | and/6 | | | umbe | ers): | т. | nsulation | rocio | tanc | ٠. | | | | | | | | | Cor | ntinui | itar | | | | | | | |
| | | | 2. | | 102 | 20/3 | 74 | | | | | | | | | | | _ | | | | | | | icy. | | | | | | | |
| | | e resistance | =: | | | | | | | | arth fault | 100 | ımp | euar | ice: | | | | | | | | RCI | J: | | | | | | | | |
| | ESTE | | | | | | | | | | | | | | | | | | | | | 1101 | | | | | | | | | | |
| Nam | | | in Mck | | | | Positio | | | | Elect | | n | | | Sign | ature | : | | | μ.) | ull | <u> </u> | | | | Date | | | | 2024 | |
| nis for | m is ba | sed on the | model : | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref:∣ | LFL20 |)2409 | 09123 | 9081 | Pa | ge: 1 | 75 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS / | AND | | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------------------------------|---------------------------------|----------------|------------------|----------------------------|--|------------------------|--|----------------------------------|----------|------------|---------------------------|--|---------|-------|-------------------------------|------------|-----------|-----------------------------|-------------|----------------|-----------------|------------------|---------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | eference: | Room I | MF 3 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, R | oom l | MF 3 | | Supp | olied | from | : | | 3 | rd Flo | or Su | b DE | 3 - 11 | L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent pi | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | 90 | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | 90 | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | e - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ່ ວັ້ 11 | Spare | | | Ref | Nu poi | <u></u> | Сро | Ma | BS | Туре | Rat | Bre | Ma | BS | Туре | Rat | Rat | | -r | 12 | R ₁ | R2 | Tes | Live | <u></u> | Pol | Ma | Dis | Tes | Ma O |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | E OF insulated/sheathed | Thermop cables metallic c | in | | (| C ermople cables etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla ables in tallic tr | ۱ | | F moplas A cable | | | G rmose WA cat | | in | Mine sulated | | ·S | | (| O - Oth N/A | | | |

| D | ISTRI | IBUTION | I BOA | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-----------|--------------------------------|---------|-----------------------------|-----------------|------------------|-------------------------|---|------------------------|--|---------------------------------------|-------|------------|---------------------------|--|-----------------------|---------------|-------------------------------|------------|-----------|------------------------------|----------|------------------------|-----------------|------------------|------------------|----------------------------|-----------------|-----------------------------|-------------------------|---------------------------------|--|
| DB r | eference | e: | | Room | MF 4 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, Ro | om N | ЛF 4 | l I | Supp | lied 1 | from | | | 3 | rd Flo | or Su | b DB | - 11 | L2 | | |
| Distrib | ution cir | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | Гуре | E | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: | Types: | T1 | N/A | T2 | N/A | . 1 | -3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation o | of supply po | olarity | ✓ | | Со | nfirn | natio | n of p | ohase | sequenc | e | ١ | N/A | | | | | , | | | | Zs at | : DB: | C | 0.20 🛭 | 2 | Ιŗ | of at I | DB: | 1.04 | 1 kA |
| S | CHED | ULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent p | rotecti | ve de | /ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| L | | | | | | poq | | | nber size | t time 3S7671 | | | | | (a) | | | - Bu | | Ring | final ci | rcuit | R ₁ + or | | S | (c | الالا) الالا | | | | $\overline{\circ}$ | utton () |
| Circuit description | | | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Type | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room So | ockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.43 | | 500 | > 999 | > 999 | ✓ | 0.63 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.52 | | 500 | > 999 | > 999 | ✓ | 0.72 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | E OF | Thermopla insulated/she cables | | Thermo cable metallic | plastic s in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | in | r | (| E ermoplas cables in etallic tru | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | in | Mine sulated | | s | | C | o - Oth N/A | | | |
| | | LS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrume | nts use | ed (serial | | | | umbe | ers): | 7 | | ! | | | | | | | | | | | C- | . . | L | | | | | | | |
| | unctiona | | | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ty: | | | | | | | _ |
| | | e resistance | e: | | | | | | | E | arth fault | loop | ımp | edar | nce: | | | | | | | | RCI | J: | | | | | | | | |
| | ESTE | | | | | | | | | | | | | | | c: | | | | | 41:1 | IC I | | | | | . | | | /oo ' | | |
| Nam | | | in Mck | | Λ | | Positio | | C71 | 2010 | Elect | | ın | | | Sign | ature | : | | | μ, λ | 1U | <u> </u> | | EL 20 | 2400 | Date | | | | 2024 | |
| nis tor | m is bas | sed on the | model s | snown in | Appe | enaix | 0 01 | R2 / | ρ/I: | 7018 | +A2:202 | ۷. | | | | | | | | | | | ŀ | кет: І | LFL2(| 12409 | 09123 | 9081 | Pag | ge: 1 | // of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | | 5 11 | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|----------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|---------|------|------------------------------|------------|-----------------------|-----------------------------|----------|------------------------|-----------------------------------|------------------|-------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room I | MF 4 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, R | oom | MF 4 | | Supp | olied | from | | | 3 | rd Flo | or Su | b DE | 3 - 11 | L2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | EN) | | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | EN) | | Rated operating current (mA) | Rating (A) | | r _n (neutral) eu | | R ₁ + or | +R ₂ R ₂ | Test voltage (V) | - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| Circu | | | Туре | Refer | Num | Live | cbc (| Max | BS (EN) | Туре | Ratin | Breal | Maxii perm | BS (EN) | Туре | Ratec | Ratin | r ₁ (line) | rn (n | r2 (cpc) | R1+R2 | R2 | Test | Live | Live | Polar | Maxii meas | Discotime | Test | Manu |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | Н | 1 | | | • |) - Oth | er | | |
| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermore cables metallic o | s in | t | (| ermopl cables etallic | in | it | Thermop cables metallic tr | in | ı | c | rmopla ables ir tallic tr | ۱ | | noplas A cabl | | | rmose WA cal | | in | Mine | | es | | | N/A | | | |

| D | ISTRI | BUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------|--------------------------------------|----------|-----------------------------|------------------|----------------------------|---------|--|--|---------|-------------------------------------|------------|---------------------------|------------------------------------|--|-----------------------|------------------------------|--------------------|-----------|-----------------|-----------------------------|--------|----------|------------------|---------------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|------|
| DB r | eference | : | | Room | MF 5 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, Ro | oom N | MF 5 | 5 ! | Supp | lied f | rom: | | | 3 | rd Flo | or Su | b DB | - 10 | L3 | | |
| Distrib | ution circ | cuit OCPD: | BS (E | EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: 7 | ypes: | T1 N | N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirn | nation of | supply pola | arity | ✓ | | Co | nfirn | nation | n of p | hase | e sequenc | e | N | 1/A | | ,a | | p. 00 | 2.10) | | | | Zs at | : DB: | (| 0.16 Ω | 2 | Ιp | of at | OB: | 1.40 |) kA |
| | | JLE OF C | | IT DE | TAI | | | | | | | | | - | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pi | otectiv | ve dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| Circuit number | | Circuit descri | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) ei | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | |
| 1 | Room So | ckets | | | A | C | 4 | 2.5 | ਹ 1.5 | 0.4 | 60898 | B | 20 | <u>க</u> 8 | 2.19 | <u></u> | | | | | | | 0.15 | <u>~</u> | | | | | 0.31 | | | Σο |
| 2 | Heater | | | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.33 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.66 | | 500 | > 999 | > 999 | ✓ | 0.82 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | r | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | E OF | A Thermoplast insulated/sheat cables | | Thermo cable metallic | plastic s in | | | C ermople cables etallic | in | t | Thermople cables metallic tru | in | r | C | E ermopla ables ir tallic tr | 1 | Thern /SW/ | F noplas | | | G moset VA cab | | in | Mine Sulated | | :S | | 0 | - Oth N/A | | | |
| | | S OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | t instrumen | ts used | d (serial | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional | | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| | | resistance: | | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED | | | | | | | | | | | | | | | | | | | | | la : | | | | | | | | | | |
| Nam | | Martin | | | | | ositio | | | | Elect | | n | | | Sigr | nature | : | | | H.L | ll | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is bas | ed on the m | nodel sl | hown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 79 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAL | LS I | AND | IIE | 511 | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|-------------------------------|-----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|----------|------------|---------------------------|------------------------------------|---------|-------|------------------------------|------------|-----------|--------------------------|-------------|------------------|-----------------------------------|------------------|---------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | Room I | MF 5 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, R | oom l | MF 5 | | Supp | olied | from | | | 3 | rd Flo | or Su | b DE | 3 - 10 | L3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent pi | otecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | u u | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | o o | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | +R ₂ R ₂ | Test voltage (V) | e - Live (ΜΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| Circ | | | Тур | Refe | Nun | Live | срс | Max | BS (| Туре | Rati | Breg | Мах | BS (| Туре | Rate | Rati | 1. | rn (| 12 (| R ₁ + | R2 | Test | Live | Live | Pola | Max | Disc | Test | Mar |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | H | | | | |) - Oth | or | | |
| TYP | S FOR Thermoplastic | Thermon cables metallic | olastic s in | t | (| ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | ermopla cables in tallic tr | n | | noplas A cabl | | | rmose WA cal | | in | Mine | | es es | | | N/A | | | |

| D | ISTRI | BUTION | I BOA | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----------|---|----------|-----------------------------|-----------------|------------------|-------------------------|---|------------------------|--|-------------------------------------|-------|------------|---------------------------|--|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|------------------|-----------------|------------------|---------------|------------|------------|---------------------|-------------------------|----------------------------|--|
| DB re | eference | e: | | Room | MF 6 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, Ro | om N | MF 6 | 5 | Supp | olied 1 | from: | | | 3 | 3rd Fl | oor Su | ıb DI | B - 9L | .3 | | |
| Distrib | ution cir | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/I | RCBC |) | | 7 | Гуре: | : E | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | . Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation o | f supply po | olarity | ✓ | | Со | onfirn | natio | n of p | ohase | sequenc | e | ſ | N/A | | | | | ĺ | | | | Zs at | DB: | C |).17 <u>s</u> | 2 | lį | of at I | DB: | 1.3 | 5 kA |
| S | CHED | ULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent p | rotecti | ve dev | /ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| ımber | | Circuit des | cription | | viring | Reference method | of rved | and | nber size | Max disconnect time permitted by BS7671 | | | 2 | (kA) | (Ω) SZ μ | | | erating mA) | (2) | _ | final ci | rcuit | R ₁ + | | age (V) | Live (MΩ) | Earth (MΩ) | (tick) | (a) b | ction (| on (tick) | Manual test button operation (tick) |
| Circuit number | | | | | Type of wiring | Reference | Number of points served | Live (mm ²) | cpc (mm ²) | Max discontinuo | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Liv | Live - Ear | Polarity (| Maximum measured | Disconnection time (ms) | Test buttor operation (| Manual te operation |
| 1 | Room So | ockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | | |
| 2 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | | |
| 3 | Lights & | Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.70 | | 500 | > 999 | > 999 | ✓ | 0.87 | | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODES TYPE WIR | OF | A Thermopla insulated/she cables | | Thermo cable metallic | plastic s in | | | C ermopl cables etallic | in | it | Thermopla cables metallic tru | in | ı | (| E ermoplas cables in etallic tru | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | s | | C | o - Oth N/A | | | |
| | | S OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrume | nts use | ed (serial | | | | umbe | ers): | - | | | | | | | | | | | | | _ | | | | | | | | | |
| | ınctiona | | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | | | | | | | ntinui | ty: | | | | | | | |
| | | e resistance | e: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | _ | | | | | RCI | D: | | | | | | | | |
| T | ESTE | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | in Mck | | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | | | | | Date | | | | 2024 | |
| his for | m is bas | sed on the | model : | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL2 | 2409 | 09123 | 9081 | Pa | ge: 1 | 81 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS A | AND | | 5 11 | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|-------------------------------|-----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|----------|-------|------------------------------|------------|-----------|--------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | Room I | MF 6 | DB | | | | Loc | cation: | 3rd | Floo | r, Fa | rah S | uite, R | oom l | MF 6 | ; | Supp | olied | from | | | 3 | 3rd Fl | oor Sı | ıb D | B - 9I | _3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (8) | Overcu | rrent p | rotecti | ve dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | <u> </u> | | | | Σ Δ | <u> </u> | | | | | | | | <u>~</u> | | | | | Σ Έ | C := | | Σ ō |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | |) - Oth | or | | |
| TYP | S FOR Thermoplastic | Thermon cables metallic | olastic s in | | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | rmopla ables in tallic tr | ۱ | | noplas A cabl | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |

| C | DISTRIBUTION I | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------------|---------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roo | m 53 [| ОВ | | | | Loc | cation: | | 3 | Brd F | loor, | Room 5 | 3 | | | Supp | olied f | rom: | | | 3 | 3rd Fl | oor Su | ıb D | B - 8L | _2 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | : 1 | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | 1 | N/A | | | | | | | | | Zs at | DB: | (| 0.23 🛭 | 2 | Iį | pf at I | DB: | 0.95 | 8kA |
| S | CHEDULE OF CI | RCUIT D | ETAI | LS | AND | TE | STI | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDD |
| L | | | | poq | | | nber size | t time 3S7671 | | | | | (O) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | · | rtton () |
| Circuit number | Circuit descrip | otion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.35 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.53 | | 500 | > 999 | > 999 | ✓ | 0.76 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplastic | | B noplastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla | stic | | F | | | G | | | Н | | | | C | o - Oth | er | | = |
| | E OF insulated/sheath cables | ned cab | les in c condui | | | cables etallic | | it | cables i metallic tru | n | r | | cables in etallic tr | | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | erai d cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | s used (seria | | | | iumbe | ers): | | | | | | | | | | | | | | C- | . . | L | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | | | | | | | ntinui | ty: | | | | | | | |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | _ | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | | | | | Date | | | /09/ | | |
| his for | rm is based on the mo | odel shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | L - Pa | ge: 1 | 83 of | 253 |

| D | DISTRIBUTION E | BOARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------------|----------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roon | n 54 D | В | | | | Loc | cation: | | 3 | rd F | loor, | Room 5 | 54 | | | Supp | olied 1 | from | : [| | 3 | 3rd Fl | oor Su | ıb D | B - 9L | _1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T | Г1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply polar | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.22 🛭 | 2 | I | pf at I | DB: | 1.0 | 5 kA |
| S | CHEDULE OF CI | RCUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D. | AFDD |
| L | | | | poq: | | | nber size | t time 3S7671 | | | | | (_O) | | | 61 | | Ring | final ci | rcuit | R ₁ + or | | S | (2 | (a) | | | | : | utton () |
| Circuit number | Circuit descrip | rtion | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.65 | | 500 | > 999 | > 999 | ✓ | 0.87 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | | 3 oplastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla: | stic | | F . | | | G | | | Н | | | | C | O - Oth | er | | |
| | E OF insulated/sheath cables | | es in | t | | cables etallic | | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | erai d cable | s | | | N/A | | | |
| | DETAILS OF TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | nils of test instruments | s used (serial | | | | iumbe | ers): | т. | | | | | | | | | | | | | C | | | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | nsulation | | | | | | | | | | | | | ntinui | ty: | | | | | | | |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| I | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | u | | | | Date | | | /09/: | | |
| his for | rm is based on the mo | odel shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | L - Pa | ge: 1 | 84 of | 253 |

| D | DISTRIBUTION | BOARD D | ETAI | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------------------------------|---------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roc | m 55 [| ОВ | | | | Loc | cation: | | 3 | rd F | loor, | Room 5 | 55 | | | Supp | olied f | from: | | | 3 | 3rd Fl | oor Su | b DI | B - 9L | .2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity 🗸 | / | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.17 🛭 | 2 | ļį | of at I | OB: | 1.38 | 3 kA |
| S | CHEDULE OF C | IRCUIT D | ETAI | LS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor c | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | | (a | (a | | | | | tton (|
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.49 | | 500 | > 999 | > 999 | ✓ | 0.66 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.27 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.36 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.60 | | 500 | > 999 | > 999 | ✓ | 0.77 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplasti | c Ther | B noplastic | | The | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sheat CING cables | hed ca | bles in ic condui | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral d cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | nils of test instrument | ts used (seri | | | | iumbe | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI | D: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.l | ll | | | | | Date | | | | 2024 | |
| his for | m is based on the m | odel shown | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 85 of | 253 |

| D | DISTRIBUTION | BOARD | DETA | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------------------------|-------------|--------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Ro | oom 56 | DB | | | | Loc | cation: | | 3 | rd F | loor, | Room 5 | 6 | | | Supp | olied f | rom: | | | 3 | rd Flo | or Su | b DE | 3 - 10 | L1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirm | mation of supply pola | arity | ✓ | Co | onfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.20 🛭 | 2 | I | pf at I | OB: | 1.18 | 3 kA |
| S | CHEDULE OF C | IRCUIT | DETA | ILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Conc | luctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | ~ | 5) | (a) | | | | | utton () |
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 2 | Room Sockets | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.50 | | 500 | > 999 | > 999 | ✓ | 0.70 | | | | |
| 3 | Fridge | A | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | | |
| 4 | Heater | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.32 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | | |
| 5 | Hob & Extractor | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.66 | | 500 | > 999 | > 999 | ✓ | 0.86 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES | S FOR Thermoplasti | ic The | B ermoplasti | ic | Th | C ermopl | astic | | D Thermopla | estic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | o - Oth | er | | |
| TYPE | E OF insulated/sheat | thed c | cables in allic condi | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral d cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrument | ts used (se | | | | iumbe | ers): | т. | | | | | | | | | | | | | Car | | . | | | | | | | |
| | unctional: | | 10 | 22673 | 594 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | - |
| | electrode resistance: | | | | | | | E | arth fault | loop | ımp | edar | nce: | | | | | | | | RCI | J: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| Nam | | Mckeowr | | | Positi | | | | Elect | | ın | | | Sign | ature | : | | | H.J | W | | | | | Date | | | | 2024 | |
| his for | m is based on the m | odel show | n in App | pendix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 86 of | 253 |

| D | DISTRIBUTION | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------------------------|---------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|--------------------------------|----------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Roc | m 57 l | ОВ | | | | Loc | cation: | | 3 | Brd F | loor, | Room 5 | 57 | | | Supp | olied f | rom: | | | 3 | 3rd Fl | oor Su | b D | B - 8L | .3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | : 1 | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | arity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | 1 | N/A | | | | | | | | | Zs at | DB: | C | 0.17 🛭 | 2 | IĮ | of at I | OB: | 1.3 | 3 kA |
| S | CHEDULE OF C | IRCUIT D | ETAI | LS | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D . | AFDD |
| | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | 7) | 2 | (D) | | | | | itton) |
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R ₁ +R ₂ | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.48 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 2.70 | | 500 | > 999 | > 999 | ✓ | 2.86 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplasti | c Therr | B noplastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla: | stic | | F . | | | G | | | Н | | | | C | - Oth | er | | |
| | RING insulated/sheat cables | | oles in ic condui | t | | cables etallic | | it | cables i metallic tru | | r | | cables in | | Therm /SWA | a cabl | | | rmoset WA cab | | ins | Mine | rai I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | ts used (seri | | | | iumbe | ers): | т. | | | | | | | | | | | | | C | . | L | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | | | | | | | itinui | ty: | | | | | | | |
| arth e | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | | | | | Date | | | /09/2 | | |
| his for | rm is based on the m | odel shown | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 87 of | 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|------------------------------|----------------|------------------|----------------------------|---|------------------------|---|---------------------------------------|-------|------------|---------------------------|----------------------------------|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|--------------|------|--|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 58 D | В | | | | Lo | cation: | | 3 | Brd F | loor, | Room | 58 | | | Supp | olied | from | : | | 3 | 3rd Fl | oor Su | ıb DI | 3 - 81 | _1 | | |
| Distrib | oution circuit OCPD: BS | S (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | уре | : | В | Rati | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A N/A | 4 | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | √ | | Co | nfirn | natio | n of p | hase | e sequenc | e | 1 | N/A | | | | | | | | | Zs a | t DB: | . (| 0.21 (| 2 | Ιŗ | of at | DB: | 1.1 | 1 kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcuri | ent p | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and (zu | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | | +R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.59 | | 500 | > 999 | > 999 | ✓ | 0.80 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | A S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermol cable metallic | s in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | in | ī | (| E ermopla cables in | n | Thern /SW/ | F noplas A cabl | | | G ermose WA cal | | in | Mine sulate | eral | ·S | | O | o - Oth N/A | | | |
| | DETAILS OF TEST 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us unctional: | sed (serial | and/0 | | | iumb | ers): | т | nsulation | rocio | tano | ٥. | | | | | | | | | Co | ntinu | i+v.· | | | | | | | |
| | electrode resistance: | | 102. | 20/3 | 594 | | | | arth fault | | | | 2001 | | | | | | | | | | ity: | | | | | | | - |
| | | | | | | | | | artii iault | 1001 | лпр | euai | ice. | | | | | | | | RC | υ. ———————————————————————————————————— | | | | | | | | |
| | ESTED BY | | | | | | | | _1 | | | | | | | | | | 11 | IC I | | | | | | | | /aa / | | |
| Nam | | | Δ | | Positio | | C71 | 2011 | Elect | | ın | | | Sigi | nature | : | | | Μ.) | ul . | u | | L EL 2. | 22422 | Date | | | /09/ | | |
| HIS TO | rm is based on the mode | i snown in | appe | HUIX | 0 01 | / כם | 0/T; | ZUTS | 5+AZ:ZUZ | ۷. | | | | | | | | | | | | кег: | LFL2(| 12409 | 09123 | ANRT | Pa | ye: I | 00 01 | 253 |

| | DISTRIBUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-----------------------------|-----------------|------------------|----------------------------|---|------------------------|---|---------------------------------------|----------|------------|---------------------------|----------------------------------|-----------------------|--------------|------------------------------|------------|-----------------------|------------------------------|-------------|------|--|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 59 D | В | | | | Lo | cation: | | 3 | Brd F | loor, | Room | 59 | | | Supp | olied | from | : | | 3 | 3rd Fl | oor Su | ıb DI | B - 7I | _2 | | |
| Distrib | oution circuit OCPD: BS | (EN): | | | 610 | 09 R | CD/I | RCBO |) | | Т | уре | : | В | Rati | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | Т | 73 | N/A | N | N/A N/A | \ | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | \checkmark | | Co | nfirn | natio | n of p | ohas | e sequenc | е | ı | N/A | | | | | | | | | Zs a | t DB: | . (| 0.27 🤉 | 2 | Ιŗ | of at | DB: | 0.85 | 1kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcuri | ent pi | otecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | rn (neutral) | rcuit (cbc) | | +R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.62 | | 500 | > 999 | > 999 | ✓ | 0.89 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | A S FOR Thermoplastic E OF insulated/sheathed cables | Thermo cable metallic | plastic s in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | r | | E ermopla cables in | n | Thern /SW | F noplas A cabl | | | G ermose WA cal | | in | Mine sulate | eral | ·S | | O | o - Oth N/A | | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us unctional: | sed (serial | and/6 | | | umbe | ers): | | nsulation | rocio | tanc | ۵. | | | | | | | | | Co | ntinu | itv. | | | | | | | |
| | electrode resistance: | | 102 | | 94 | | | | arth fault | | | | 201 | | | _ | | | | | | | ity. | | | | | | | - |
| | | | | | | | | | artii iault | 1001 | ппр | euai | ice. | | | | | | | | RC | υ. ———————————————————————————————————— | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | 0. | | | | | 11 | IC I | | | | | | | | /00 ' | | |
| Nam | | | Δ | | Positio | | C71 | 2011 | Elect | | n | | | Sig | nature | : | | | Μ.) | ul . | u | | | 22422 | Date | | | /09/ | | |
| iiis tol | rm is based on the mode | i shown in | appe | HUIX | 0 01 | / כם | 0/1: | ZUIS | 5+AZ:ZUZ | ۷. | | | | | | | | | | | | кег: | LFL2(| 12409 | 09123 | ANRT | ra | ge: I | 09 OI | 253 |

| D | DISTRIBUTION | BOARD [| DETA | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------------------------|--------------|------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Ro | om 60 | DB | | | | Loc | cation: | | 3 | rd F | loor, | Room 6 | 0 | | | Supp | olied f | rom: | | | 3 | 3rd Fl | oor Su | ıb D | B - 6L | .3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A N/A | 1 | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | arity • | / | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (|).31 <u></u> | 2 | Iį | pf at I | OB: | 0.75 | 1kA |
| S | CHEDULE OF C | IRCUIT I | DETA: | ILS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | luctor c | details | | (s) | Overcurr | ent p | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | б | | Ring | final ci | rcuit | R ₁ + or | | <u>ر</u> | 2 | (CI | | | | |)) |
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.90 | | 500 | > 999 | > 999 | ✓ | 1.21 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplasti | c Ther | B moplastic | : | The | C ermopl | astic | | D Thermopla | astic | | The | E rmopla: | stic | | F | | | G | | | Н | | | | C | Oth | er | | |
| | RING insulated/sheat cables | | ables in Ilic condu | it | | cables etallic | | it | cables i metallic tru | | r | | ables in tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | in | Mine sulated | erai d cable | es | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | ts used (ser | | | | iumbe | ers): | | 1 . 1 | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | 102 | 22673 | 394 | | | | nsulation | | | | | | | | | | | | | ntinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | - | | | | | RCI | D: | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | | | | | Date | | | /09/2 | | |
| his for | rm is based on the m | odel shown | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 02409 | 09123 | 9081 | - Pa | ge: 1 | 90 of | 253 |

| D | DISTRIBUTION | BOARD | DETA | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------------------------------------|---------------|-------------------------|------------------|----------------------------|-------------------------|------------------------|--|------------------------|---------|------------|------------------------|-------------------------|-----------------------|-------|------------------------------|------------|-----------|-------------------|----------|------------------------|-----------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Ro | oom 61 | DB | | | | Loc | cation: | | 3 | rd F | loor, | Room 6 | 51 | | | Supp | olied | from | : | | 3 | 3rd Fl | oor Su | ıb DI | B - 6l | 1 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Ratii | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A N/A | 4 | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | olarity | √ | C | onfirn | natio | n of p | hase | e sequenc | e | N | I/A | | · | | • | • | | | | Zs at | DB: | (| ວ.23 🤉 | Ω | ļį | of at | DB: | 1.02 | <u>≀</u> kA |
| S | CHEDULE OF | CIRCUIT | DETA | ILS | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | luctor | details | | (s) | Overcuri | rent pr | otectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| <u>.</u> | | | | thod | | | nber size | ct time BS7671 | | | | | (_O) | | | Du | | Ring | final c | rcuit | R ₁ + or | | 5 | (G | MΩ) | | | _ | ₹ | utton k) |
| Circuit number | Circuit des | cription | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Type | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | A | . C | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | \checkmark | 0.37 | | | |
| 2 | Room Sockets | | А | . C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | ✓ | 0.29 | | | |
| 3 | Fridge | | А | . C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.42 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 5 | Hob & Extractor | | A | C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | А | . С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 1.64 | | 500 | > 999 | > 999 | ✓ | 1.87 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S FOR Thermopla | | B ermoplast | ic | | C ermopl | | | D Thermopla | | | The | E ermopla | stic | Thern | F | -tic | The | G rmose | ting | | H Mine | | | | C |) - Oth | | | |
| | RING insulated/she cables | | cables in allic cond | uit | | cables etallic | | t | cables metallic tru | | n | | tallic tr | | | A cabl | | | WA cat | | ins | | d cable | es | | | N/A | • | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume functional: | ents usea (se | | 2267 | | iumbe | ers): | Tı | nsulation | resis | tance | ٠. | | | | | | | | | Cor | ntinui | tv. | | | | | | | |
| | electrode resistance | e: | 10 | | J J T | | | | arth fault | | | | nce: | | | _ | | | | | RCI | | ٠,٠ | | | | | | | \dashv |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | in Mckeowr | 1 | | Positi | on: | | | Elect | ricia | n | | | Sign | ature | : | | | μ.) | ll | | | | | Date | e: | 03 | /09/ | 2024 | |
| his for | rm is based on the | model show | n in Ap | pendix | 6 of | BS 7 | 671: | 2018 | | | | | | | | | | | | | F | Ref: I | LFL2(| 02409 | 09123 | 9081 | | | | |

| | DISTRIBUTION BOARD DETAILS DB reference: Room 62 DB Location: 3rd Floor, Room 62 Supplied from: 3rd Floor Sub DB - 5L2 stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-----------|----------------------|----------------|------------------|---------------------------|-------------------------|------------------------|--|------------------------|---------|------------|---------------------------|-------------------------|-----------------------|-------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------|-------------|--------------|------------|-----------------|-----------------------|-------------------------|----------------------------|--|
| DB r | reference: | | Room | 62 D | В | | | | Loc | cation: | | 3 | rd F | loor, | Room 6 | 52 | | | Supp | olied 1 | from | : | | 3 | 3rd Fl | oor Su | ıb DI | B - 5I | _2 | | |
| Distrib | oution circuit OCPD: | : BS (EI | N): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N | I/A - | T2 | N/A | . 1 | 73 | N/A | N | /A N/A | 4 | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | olarity | √ | | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | · | | | | | | | Zs at | DB: | (|). 21 | 2 | Į. | of at | DB: | 1.1 | l kA |
| S | SCHEDULE OF | CIRCU | IT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor o | letails | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice . | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| umber | Circuit des | scription | | wiring | Reference method | of erved | and | nber size | Max disconnect time permitted by BS7671 | | | ¥ | (KA) | n d Zs (Ω) | | | perating (mA) | (A) | | final ci | | R ₁ + | | voltage (V) | Live (MΩ) | Earth (MΩ) | (tick) | n ed (Ω) | ection s) | : button ration (tick) | Manual test button operation (tick) |
| Circuit number | | | | Type of wiring | Referenc | Number of points serve | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test volt | Live - Liv | Live - Ea | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test buttor operation (| Manual t operatio |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.62 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.60 | | 500 | > 999 | > 999 | ✓ | 0.85 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A Thermopla | | B Thermop | olastic | | | C ermopl | | | D Thermopla | | | | E ermopla | | Thern | F | etic | Tho | G rmoset | tting | | H Mine | | | | C |) - Oth | | | |
| | RING insulated/she cables | | cables metallic c | | t | | cables etallic | | it | cables metallic tru | | n | | tallic tr | | | A cabl | | | WA cat | | ins | | d cable | es | | | N/A | , | | |
| | DETAILS OF TE | | | | | . | | \ . | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume unctional: | ents used | • | | or as 2673 | | umbe | ers): | Ţı | nsulation | resis | tance | ۹: | | | | | | | | | Cor | ntinui | itv · | | | | | | | |
| | electrode resistance | e: | | 102 | | , J . T | | | | arth fault | | | | nce: | | | | | | | | RCI | | ٠,٠ | | | | | | | - |
| | | | | | | | | | | | 100 | p | Jaul | | | | | | | | | | | | | | | | | | |
| Nam | re: Mart | in Mcked | OWD | | C | Positio | nn' | | | Elect | ricia | n | | | Sign | ature | | | | u l | JCI | <u> </u> | | | | Date | ٥. | Λo | /09/: | 2024 | |
| | rm is based on the | | | Appe | | | | 671: | 2018 | | | 111 | | | Sign | acure | | | | ((,) | | | Ref: I | LFL20 | 02409 | 09123 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| C | DISTRIBUTION BOARD DETAILS DB reference: Room 63 DB Location: 3rd Floor, Room 63 Supplied from: 3rd Floor Sub DB - 4L3 stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|------------|-------------------|----------------|------------------|------------------------|--------------------|------------------------|--|------------------------|---------|------------|---------------------------|-------------------------|------------------------|--------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|-------------|-----------|------------|-----------------|-----------------------|-------------------------|----------------------------|-------------------------------------|
| DB r | reference: | | Room | า 63 ม | ЭВ | | | | Loc | cation: | | 3 | rd F | loor, | Room 6 | 53 | | | Supp | lied | from | : | | 3 | 3rd Fl | oor Su | ıb DI | B - 4I | _3 | | |
| Distrib | oution circuit OCPI | D: BS | (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | 3 | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | . 7 | T3 | N/A | N | /A N/A | 4 | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply _l | oolarity | ✓ | | Со | onfirn | natio | n of p | hase | sequenc | e | N | I/A | | ŕ | | | · | | | | Zs at | DB: | (| 0.23 | 2 | Į. | of at | DB: | 1.0 | l kA |
| S | CHEDULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Cond | uctor o | letails | | (s) | Overcuri | rent pi | rotectiv | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| mber | Circuit d | escription | | iring | method | f ved | and | nber | Max disconnect time permitted by BS7671 | | | | kA) | Zs (Ω) | | | rating nA) | | Ring | final ci | ircuit | R ₁ + or | | voltage (V) | Live (MΩ) | Earth (MΩ) | ick) | (σ) | tion | button ration (tick) | st button (tick) |
| Circuit number | | | | Type of wiring | Reference method | Number of points serve | | cpc (mm ²) | Max disco permitted | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test | Live - | Live - | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test buttor operation (| Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.32 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.37 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 6 | Lights & Contactor | • | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 1.20 | | 500 | > 999 | > 999 | ✓ | 1.43 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
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| CODE | A Thermop | lastic | Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E rmopla | stic | Th | F | | Th | G | | | H | | | | C | - Oth | | | |
| | RING insulated/s | | cable metallic | | t | | cables etallic | | it | cables metallic tru | | n | | ables ir tallic tr | | Thern /SW | A cabl | | | rmoset WA cab | | in | Mine sulated | d cable | es | | | N/A | | | |
| | DETAILS OF T | | | | | | | , | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrum unctional: | ients use | ea (serial | | or as 2673 | | umbe | ers): | Ţ, | nsulation | recic | tance | ٠. | | | | | | | | | Cor | ntinui | tv. | | | | | | | |
| | electrode resistan | ce. | | 102 | 20/3 | , J- + | | | | arth fault | | | | ice: | | | _ | - | | | | RCI | | cy. | | | | | | | |
| | | CC. | | | | | | | | artii lault | ΙΟυμ | , ппр | cual | ice. | | | | | | | | KCI | · | | | | | | | | |
| | ESTED BY | | | | | | | | | <u></u> | | | | | ۵. | | | | | 4151 | 101 | | | | | | | | /a = ' | | |
| Nam | | tin Mck | | | | Positio | | <u></u> | 201- | Elect | | n | | | Sign | ature | : | | | Μ, λ | ul | <u> </u> | | F1 5 - | 20.425 | Date | | | /09/ | | |
| his for | rm is based on the | e model | shown in | Appe | endix | 6 of | BS 7 | 6/1: | 2018 | +A2:202 | ۷. | | | | | | | | | | | F | кеf: I | LFL2(| J2409 | 09123 | 9081 | Pa | ge: 1 | 93 of | 253 |

| | DISTRIBUTION BOARD DETAILS DB reference: Room 64 DB Location: 3rd Floor, Room 64 Supplied from: 3rd Floor Sub DB - 4L1 stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------------------------|-----------------|------------------|----------------------------|---|------------------------|--|--|--------|------------|---------------------------|----------------------------------|-----------------------|--------------|------------------------------|------------|-----------|------------------------------|--------------|------|-----------------------------------|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 64 D | В | | | | Lo | cation: | | 3 | Brd F | loor, | Room | 64 | | | Supp | olied | from | : | | 3 | 3rd Fl | oor Su | ıb DI | 3 - 41 | _1 | | |
| Distrib | oution circuit OCPD: BS | (EN): | | | 610 | 09 R | CD/F | RCBO |) | | 7 | уре | : | В | Rati | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | . 1 | Г3 | N/A | N | I/A N/A | 4 | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | ✓ | | Co | nfirn | natio | n of p | hase | e sequenc | е | 1 | N/A | | | | | | | | | Zs a | t DB: | . (| 0.35 🛭 | 2 | Ιŗ | of at | DB: | 0.65 | 5kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent pi | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and (zu | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | | +R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.66 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 2.29 | | 500 | > 999 | > 999 | ✓ | 2.64 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | A S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermol cable: metallic | plastic s in | | | C ermopl cables etallic | in | it | D Thermopla cables i metallic tru | n | ī | | E ermopla cables in | n | Thern /SW | F noplas A cabl | | | G ermose WA cal | | in | Mine sulate | eral | ·S | | O | o - Oth N/A | | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us | sed (serial | | | | iumb | ers): | т | nsulation | roo!- | + | 0.1 | | | | | | | | | Co | ntin | i+ | | | | | | | |
| | unctional: | | 102 | 26/3 | 394 | | | | | | | | | | | | | | | | | ntinu | ity: | | | | | | | - |
| | electrode resistance: | | | | | | | | arth fault | loop | ımp | edai | nce: | | | _ | | | | | RC | ט: | | | | | | | | |
| I | ESTED BY | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| Nam | | | | | Positio | | | | Elect | | ın | | | Sig | nature | : | | | μ.) | u | u | | | | Date | | | /09/ | | |
| his for | rm is based on the mode | l shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2(| 2409 | 09123 | 9081 | - Pa | ge: 1 | 94 of | f 253 |

| D | DISTRIBUTION BOARD DETAILS OB reference: Room 65 DB Location: 3rd Floor, Room 65 Supplied from: 3rd Floor Sub DB - 4L2 stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------|--------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|---------------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Ro | oom 65 | DB | | | | Loc | cation: | | 3 | rd F | loor, | Room 6 | 55 | | | Supp | olied f | from: | | | 3 | 3rd Fl | oor Su | ıb D | B - 4L | .2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity | ✓ | Co | onfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (|).29 🛭 | 2 | Iį | pf at I | OB: | 0.78 | 5kA |
| S | CHEDULE OF C | IRCUIT | DETA | ILS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | luctor c | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + or | | ~ | 5) | (a) | | | | | utton () |
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | A | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 2 | Room Sockets | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.33 | | 500 | > 999 | > 999 | ✓ | 0.62 | | | |
| 3 | Fridge | | A | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 5 | Hob & Extractor | | A | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 6 | Lights & Contactor | | A | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 1.28 | | 500 | > 999 | > 999 | ✓ | 1.57 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplasti | ic The | B ermoplasti | С | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla: | stic | - , | F | | | G | | | H | | | | (| o - Oth | er | | |
| TYPI WIR | | | cables in allic condu | ıit | | cables etallic | | it | cables i metallic tru | | r | | tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | in | Mine sulated | erai d cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrument | ts used (se | | | | iumbe | ers): | т. | | | | | | | | | | | | | C | | . | | | | | | | |
| | unctional: | | 10. | 22673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | - |
| | electrode resistance: | | | | | | | E | arth fault | loop | ımp | edar | nce: | | | | | | | | RCI | J: | | | | | | | | |
| Ī | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeowr | | | Positio | | | | Elect | | ın | | | Signa | ature | : | | | H.l | ll | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is based on the m | odel showr | n in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | Ī | Ref: I | LFL2 | 2409 | 09123 | 9081 | Pa | ge: 1 | 95 of | 253 |

| | DISTRIBUTION BOARD DETAILS DB reference: Room 66 DB Location: 3rd Floor, Room 66 Supplied from: 3rd Floor Sub DB - 5L1 stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------------------------|----------------|------------------|----------------------------|---|------------------------|---|---------------------------------------|-------|------------|---------------------------|----------------------------------|-----------------------|---------------|------------------------------|------------|-----------------------|------------------------------|--------------|------|-----------------------------------|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Room | 66 D | В | | | | Lo | cation: | | 3 | Brd F | loor, | Room | 66 | | | Supp | olied | from | : | | 3 | 3rd Fl | oor Su | ıb DI | 3 - 51 | _1 | | |
| Distrib | oution circuit OCPD: BS | (EN): | | | 610 | 09 R | CD/I | RCBO |) | | 7 | уре | : | В | Rati | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | Т | 3 | N/A | N | N/A N/A | 4 | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | ✓ | | Co | nfirn | natio | n of p | ohas | e sequenc | е | 1 | N/A | | | | | | | | | Zs a | t DB: | . (| 0.27 ⊆ | 2 | Ιŗ | of at | DB: | 0.85 | 5kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcur | ent p | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | rn (neutral) | ircuit (cbc) | | +R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.42 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.72 | | 500 | > 999 | > 999 | ✓ | 0.99 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | A S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermol cable: metallic | s in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | 1 | | E ermopla cables in | n | Thern /SW/ | F noplas A cabl | | | G ermose WA cal | | in | Mine sulate | eral | ·S | | O | o - Oth N/A | | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us unctional: | sea (serial | 1022 | | | umbe | ers): | | nsulation | resis | tanc | ۵. | | | | | | | | | Cor | ntinu | itv · | | | | | | | |
| | electrode resistance: | | 102 | | ,,, | | | | arth fault | | | | nce: | | | | | | | | RC | | | | | | | | | - |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | keown | | P | ositio | on: | | | Elect | ricia | ın | | | Sig | nature | : | | | μ.) | w | u | | | | Date | e: | 03 | /09/: | 2024 | ļ |
| his for | rm is based on the mode | l shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2(| 2409 | 09123 | 9081 | - Pa | ge: 1 | 96 of | f 253 |

| D | DISTRIBUTION BOARD DETAILS OB reference: Room 67 DB Location: 3rd Floor, Room 67 Supplied from: 3rd Floor Sub DB - 5L3 stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------|--------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Ro | oom 67 | DB | | | | Loc | cation: | | 3 | rd F | loor, | Room 6 | 57 | | | Supp | olied f | rom: | | | 3 | 3rd Fl | oor Su | b DI | B - 5L | .3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A N/A | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | arity | ✓ | Co | onfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.41 (| 2 | ļį | of at I | OB: | 0.55 | 7kA |
| S | CHEDULE OF C | IRCUIT | DETA | ILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Conc | luctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| L | | | | poų: | | | nber size | t time 3S7671 | | | | | (_O) | | | 61 | | Ring | final ci | rcuit | R ₁ + | | S | (2 | (D) | | | | | utton () |
| Circuit number | Circuit descri | iption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.05 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | |
| 2 | Room Sockets | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.53 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 5 | Hob & Extractor | | A | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.58 | | 500 | > 999 | > 999 | ✓ | 0.98 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplasti | ic The | B ermoplasti | С | Th | C ermopl | astic | | D Thermopla | stic | | The | E rmopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | = |
| | insulated/sheat cables | thed c | cables in allic condu | | | cables etallic | | it | cables i metallic tru | n | r | | ables in tallic tr | | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | rai I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | ts used (se | | | | iumbe | ers): | | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 10 | 22673 | 394 | | | | nsulation | | | | | | | - | | | | | | itinui | ty: | | | | | | | |
| Earth 6 | electrode resistance: | | | | | | | Е | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeowr | | | Positi | | | | Elect | | ın | | | Sign | ature | : | | | H.I | ll | | | | | Date | | | | 2024 | |
| his for | rm is based on the m | nodel showr | n in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | FL20 | 2409 | 09123 | 9081 | Pa | ge: 1 | 97 of | 253 |

| D | DISTRIBUTION BOARD DETAILS DB reference: Room 68 DB Location: 3rd Floor, Room 68 Supplied from: 3rd Floor Sub DB - 6L2 Stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------|--------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|------------------|----------------------------|-------------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Ro | oom 68 | DB | | | | Loc | cation: | | 3 | rd F | loor, | Room 6 | 8 | | | Supp | olied f | rom: | | | 3 | 3rd Fl | oor Su | b DI | B - 6L | .2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A N/A | 1 | | | | ndicator of ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity | \checkmark | Co | onfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.25 ⊆ | 2 | ļį | of at I | OB: | 0.90 | 3kA |
| S | CHEDULE OF C | IRCUIT | DETA | ILS | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Conc | luctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| 5 | | | | thod | | | nber size | ct time BS7671 | | | | | (_O) | | | ng | | Ring | final ci | rcuit | R ₁ + or | | 5 | (ت (ت | MΩ) | | | _ | $\overline{\mathbf{x}}$ | utton k) |
| Circuit number | Circuit descri | iption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.59 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.69 | | 500 | > 999 | > 999 | ✓ | 0.94 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplasti | ic The | B ermoplasti | ic | Th | C ermopl | astic | | D Thermopla | astic | | The | E rmopla: | stic | Th | F | | Th. | G | A | | H | | | | C | - Oth | | | |
| TYP | E OF insulated/sheat RING cables | | cables in allic condu | uit | | cables etallic | | it | cables i metallic tru | | r | | ables in tallic tr | | Therm /SWA | nopias A cabl | | | rmoset WA cab | | ins | Mine sulated | erai d cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrument | ts used (se | | | | iumbe | ers): | т. | | | | | | | | | | | | | Car | | . | | | | | | | |
| | unctional: | | 10 | 22673 | 594 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | - |
| | electrode resistance: | | | | | | | E | arth fault | loop | ımp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeowr | | | Positi | | | | Elect | | ın | | | Signa | ature | : | | | H.l | W | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is based on the m | nodel showi | n in App | pendix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL2 | 2409 | 09123 | $908\overline{1}$ | Pa | ge: 1 | 98 of | 253 |

| D | DISTRIBUTION BOARD DETAILS OB reference: Room 69 DB Location: 3rd Floor, Room 69 Supplied from: 3rd Floor Sub DB - 7L1 Stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------|--------------------------|---------------------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | R | oom 69 | 9 DB | | | | Loc | cation: | | 3 | 3rd F | loor, | Room 6 | 59 | | | Supp | olied f | from: | | | 3 | 3rd Fl | oor Su | ıb D | B - 7L | .1 | | |
| Distrib | oution circuit OCPD: | BS (EN): | : | | 610 | 09 R | CD/F | RCBC |) | | Т | уре: | 1 | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/ | 4 - | Т3 | N/A | N | /A N/A | 1 | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | arity | \checkmark | C | onfirr | natio | n of p | hase | sequenc | е | 1 | N/A | | | | | | | | | Zs at | DB: | C | 2 33.0 | 2 | Iį | pf at I | OB: | 0.69 | 6kA |
| S | CHEDULE OF C | IRCUIT | DET | AILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIF | RCUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Con | ductor | details | | (s) | Overcurr | ent p | rotecti | ve dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | poq | | | nber size | t time S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | 0 | 62 | (a | | | | | tton |
| Circuit number | Circuit descri | iption | F | Type of wiring Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | A | A C | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 2 | Room Sockets | | A | A C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.60 | | | |
| 3 | Fridge | | A | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 4 | Heater | | A | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 5 | Hob & Extractor | | | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.51 | | | |
| 6 | Lights & Contactor | | | A C | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 1.40 | | 500 | > 999 | > 999 | ✓ | 1.73 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplast | ic Th | B nermoplas | stic | Th | C ermopl | astic | | D Thermopla | stic | | The | E ermopla | stic | | F | | | G | | | Н | | | | C | Oth | er | | |
| | RING insulated/sheat cables | thed | cables in tallic cond | | | cables netallic | | it | cables i metallic tru | n | r | (| ables in tallic tr | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine | rai I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumen | ts used (se | | | | numb | ers): | | | | | | | | | | | | | | C | . Autoronom | L | | | | | | | |
| | unctional: | | 1(| 02267 | 394 | | | | nsulation | | | | | | | | | | | | | itinui | ty: | | | | | | | |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | _ | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeow | | | Positi | | | | Elect | | ın | | | Sign | ature | : | | | H.J | W | | | | | Date | | | | 2024 | |
| his for | rm is based on the m | nodel show | n in Ap | pendi | x 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | FL20 | 2409 | 09123 | 9081 | - Pa | ge: 1 | 99 of | 253 |

| D | DISTRIBUTION BOARD DETAILS OB reference: Room 70 DB Location: 3rd Floor, Room 70 Supplied from: 3rd Floor Sub DB - 7L3 Stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|------------|-----------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------|--------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | | Room | 70 D | В | | | | Loc | cation: | | 3 | rd F | loor, | Room 7 | 0 | | | Supp | olied f | rom: | | | 3 | 3rd Fl | oor Su | b DI | B - 7L | .3 | | |
| Distrib | oution circuit OCPD: | BS (EN | 1): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/ | /А т | Γ2 | N/A | Т | 3 | N/A | N | /A N/A | | | | | ndicator of ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity | \checkmark | | Со | nfirm | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | ļį | of at I | OB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUI | T DE | ΓΑΙ | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Cond | uctor d | etails | | (s) | Overcurr | ent pi | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| L | | | | | poq | | Nun and | nber size | st time 3S7671 | | | | | (U) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | ç | utton () |
| Circuit number | Circuit descr | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplast | tic | B Thermopl | lastic | | The | C ermopla | astic | | D Thermopla | stic | | The | E rmoplas | stic | - , | F | | | G | | | H | | | | C | - Oth | er | | |
| | RING insulated/sheat cables | | cables metallic co | | | | ables etallic | | t | cables i metallic trui | | r | | ables in tallic tru | | Therm /SWA | a cabl | | | rmoset WA cab | | ins | Mine sulated | rai I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumen | its used (| - | | | | umbe | ers): | т. | aulation : | rocio | tana | | | | | | | | | | Cor | .+ini | + | | | | | | | |
| | iunctional: | | | 1022 | 20/3 | 94 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | - |
| | electrode resistance: | | | | | | | | E | arth fault | 100 | ımp | eaar | ice: | | | | | | | | RCI | J: | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| Nam | | n Mckeo | | | | ositio | | | | Electi | | n | | | Signa | ature | : | | | H.J | III. | <u> </u> | | | | Date | | | /09/2 | | |
| his for | rm is based on the m | nodel sho | own in A | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | _FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 00 of | 253 |

| | DISTRIBUTION BOARD DETAILS OB reference: VH Far Kitchen DB Location: 3rd Floor, Christie Suite, VH Kitchen Supplied from: 3rd Floor Sub DB - 1L2 stribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------------------|-------------|----------------|------------------|----------------------------|--------------------|------------------------|--|--------------------------|--------|------------|---------------------------|-----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|-------------|--------------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | | VH Far K | itche | n DB | | | | Loc | cation: 3 | 3rd F | loor | , Ch | ristie | Suite, V | 'H Kit | che | n | Supp | lied | from | | | 3 | 3rd Flo | oor Su | ıb D | B - 1l | .2 | | |
| Distrib | oution circuit (| OCPD: BS | (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Type | s: T1 | N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of sup | ply polarity | ✓ | | Co | onfirn | natio | n of p | hase | sequenc | е | N | I/A | | | | | | | | | Zs at | DB: | (| 0.34 🖸 | 2 | I | pf at I | OB: | 0.69 | 8kA |
| S | CHEDULE | OF CIRC | CUIT DE | TAI | LS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| Circuit number | Cir | cuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | rcuit (cbc) | R ₁ +R ₂ | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven 1 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.12 | | 500 | > 999 | > 999 | \checkmark | 0.46 | | | |
| 2 | Oven 2 | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.45 | | | |
| 3 | Kitchen Socke | ts | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 4 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Cleaners Sock | et | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 7 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 8 | Hob & Extract | or | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.01 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 9 | TV | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.28 | | 500 | > 999 | > 999 | ✓ | 0.62 | | | |
| 10 | Lights & Cont | actor | | Α | С | 10 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.69 | | 500 | > 999 | > 999 | ✓ | 1.03 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR The | A ermoplastic | Thermo | | | TI- | C ermopl | actic | | D Thermopla | octi c | | Th. | E ermoplas | rtic | | F | | | G | | | Н | | | | C | o - Oth | er | | |
| TYP | | ited/sheathed cables | cable | s in | : | | cables etallic | in | t | cables i metallic tru | n | r | (| ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset NA cat | | ins | Mine sulated | eral I cable | s | | | N/A | | | |
| | DETAILS O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test ins functional: | truments us | sea (serial | and/ | | | iumb | ers): | T. | nsulation | rocio | tanc | ٠. | | | | | | | | | Cor | itinui | tv. | | | | | | | |
| | | | | 102 | 20/3 | 94 | | | | | | | | | | | | | | | | | | ty. | | | | | | | - |
| | electrode resi | _ | | | | | | | E | arth fault | 1000 | ımp | eaar | ice: | | | | | | | | RCI |): | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | 10.4 | | | | | | | | | | |
| Nam | | Martin Mc | | | | Positi | | | | Elect | | n | | | Sign | ature | : | | | H.J | IU. | <u> </u> | | | | Date | | | /09/2 | | |
| his for | rm is based o | n the model | l shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | _FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 01 of | 253 |

| S | CHEDULE OF C | IKCUIT DE | : I A I | LS A | AND | | 511 | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|----------|------------|---------------------------|------------------------------------|---------|-------|------------------------------|------------|-----------|--------------------------|-------------|-------|-----------------------------------|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | VH Far I | Citche | n DB | 3 | | | Loc | cation: | 3rd F | loor | , Chi | ristie | Suite, | VH Ki | tche | n | Supp | olied | from | : | | 3 | 3rd Fl | oor Sı | ıb D | B - 1I | _2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent pi | rotecti | ve dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | <u></u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermonlectic | E Thousand | | | The | C | natio | | D | lastic | | | E | atio | | F | | | G | | | Н | 1 | | | • |) - Oth | er | | |
| TYP | S FOR Thermoplastic E OF insulated/sheatl RING cables | | es in | | | ermopl cables etallic | in | it | Thermop cables metallic tr | in | r | c | rmopla ables ir tallic tr | ۱ | | moplas /A cabl | | | rmose WA cab | | in | Mine sulated | eral d cable | s | | | N/A | | | |

| D | ISTRI | BUTION | I BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|------------|--------------------------------|----------|-----------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|--|-----------------------|---------------|------------------------------|------------|-----------|------------------------------|----------|------------------------|-----------------|------------------|--------------------|-------------|-------------------|---------------------|----------------------------|----------------------------|--|
| DB r | eference | 2: | | Room | VH 1 | DB | | | | Loc | cation: 3 | Brd F | loor | , Ch | ristie | Suite, R | Room | VH | 1 | Supp | olied | from | | | 3 | 3rd Fl | oor Su | ıb DI | B - 3L | .2 | | |
| Distrib | ution cire | cuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | 7 | Гуре | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: | Types: | T1 | N/A | T2 | N/A | . Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | nation of | f supply po | larity | √ | | Co | onfirn | natio | n of p | hase | sequenc | e | ſ | N/A | | | | | | | | | Zs at | DB: | . (| 2.30 | Ω | ļ | of at I | DB: | 0.86 | 5kA |
| S | CHED | ULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | 5 | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent p | rotecti | ve de | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| mber | | Circuit des | cription | | ring | method | r ved | and | nber | Max disconnect time permitted by BS7671 | | | | kA) | Zs (Ω) | | | rating AA) | | Ring | final ci | ircuit | R ₁ + or | | (V) | Live (M Ω) | Earth (MΩ) | (tick) | (Ω) | tion | in (tick) | st button (tick) |
| Circuit number | | | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max discol permitted | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Type | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live | Live - Eart | Polarity (ti | Maximum measured | Disconnection time (ms) | Test buttor operation (| Manual test button operation (tick) |
| 1 | Room UI | B-7 DB | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.39 | | 500 | > 999 | > 999 | ✓ | 0.69 | | | |
| 2 | Heater | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.56 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | or | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | E OF | Thermopla insulated/she cables | | Thermo cable metallic | plastic es in | i | | cables etallic | in | it | Thermopla cables i metallic tru | in | ı | (| E ermoplas cables in etallic tru | 1 | Therm /SWA | F noplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | es | | C | N/A | | | |
| | | S OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | st instrume | nts use | ed (serial | | | | umbe | ers): | | 1 | | | | | | | | | | | | _ | | | | | | | | | |
| | unctiona | | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ity: | | | | | | | |
| | | resistance | e: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED | BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | in Mck | | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | u | | | | Date | | | /09/2 | | |
| his for | m is bas | sed on the | model : | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: | LFL2 | 02409 | 09123 | $908\overline{1}$ | Pa | ge: 2 | 03 of | 253 |

| DB reference: | | OTI DE | IAI | LS I | AND | IE | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---------------------------------|----------------|------------------|----------------------------|---|------------------------|--|----------------------------------|---------|------------|---------------------------|--|----------|------|-------------------------------|------------|-----------|-----------------------------|-------------|----------------|-----------------|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room \ | /H 1 | DB | | | | Loc | cation: | 3rd F | loor | , Chi | ristie | Suite, I | Room | VH | 1 | Supp | olied | from | : | | 3 | 3rd Fl | oor Sı | ıb D | B - 3I | _2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | ec | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | 90 | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ່ ວັ້ 11 | Spare | | Ā | Ref | P Nu | <u></u> | Сро | Ma | BS | Туре | Rat | Bre | Ma | BS | Туре | Rat | Rat | | -r | 12 | R ₁ | R2 | Tes | <u></u> | <u></u> | Pol | Ma | tim | Tes | Ma O |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic c | s in | t | | C ermopl cables etallic | in | it | Thermop cables metallic to | s in | 1 | c | E ermopla cables in etallic tr | n | | F moplas A cable | | | G rmose WA cat | | in | Mine sulated | | s | | (| O - Oth N/A | | | |

| DISTRIBUTION BOARD DETAILS DB reference: Room VH 2 DB Location: 3rd Floor, Christie Suite, Room VH 2 Supplied from: 3rd Floor Sub DB - 2L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|-------------------------------------|----------|-----------------------|-----------------|------------------|----------------------------|--|------------------------|--|-------------------------------------|---------|------------|---------------------------|------------------------------------|-----------------------|---------------|-------------------------------|--------|-----------------------|------------------------------|-------------|--------------------------------------|-----------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | eference | : | | Room | VH 2 | DB | | | | Loc | cation: 3 | 3rd F | loor | , Chi | ristie | Suite, F | Room | VH | 2 9 | Suppl | lied f | rom: | | | 3 | 3rd Fl | oor Sı | ıb DI | 3 - 21 | _3 | | |
| Distrib | ution circ | cuit OCPD: | BS (E | ΞN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | etting | j : | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: T | Types: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirm | nation of | supply pol | arity | ✓ | | Со | nfirn | nation | n of p | hase | sequenc | e | N | N/A | | , | | | -/ | | | | Zs at | DB: | (| 0.32 🛭 | 2 | lp | of at | DB: | 0.78 | 0kA |
| S | CHEDU | JLE OF C | IRCU | IIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pi | otectiv | ve dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| Circuit number | | Circuit descr | ription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | | r ₁ (line) | r _n (neutral) eui | rcuit (cbc) | R _{1+R2} or +t ₁ | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| | Room So | ckets | | | A | C | <u> </u> | 2.5 | 1.5 | 0.4 | 60898 | B B | 20 | 6 | 2.19 | | | <u>ਲ</u> ਹ | | | | | 0.01 | R2 | | | | | ∑ E | | P 9 | Σ δ |
| 2 | Heater | | | | A | С | 2 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | | | > 999 | | 0.58 | | | |
| 3 | Lights & | Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.46 | | | | > 999 | | 0.78 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contacto | r | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES TYPE WIR | E OF | A Thermoplast insulated/shea cables | | Thermo cable metallic | plastic s in | | | C ermople cables etallic | in | t | Thermopla cables metallic tru | in | r | C | E ermopla cables in | n | Thern /SW/ | F noplas A cable | | | G moseti /A cab | | in | H Mine sulated | | es | | C | o - Oth N/A | | | |
| | | S OF TES | | STRU | MEN | TS | | | | | | | | | | - | | | | | | | | | | | | | | | | |
| | | t instrumen | its used | d (serial | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional | | | | 102 | 2673 | 94 | | | | nsulation | | | | | | | - | | | | | | ntinui | ity: | | | | | | | |
| Earth e | electrode | resistance: | | | | | | | | Е | arth fault | loop | imp | edar | nce: | | | _ | | | | | RCI | D: | | | | | | | | |
| T | ESTED | ВҮ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Martin | | | | | ositio | | | | Elect | | n | | | Sign | nature | : | | Ē. | H.L | ll | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is bas | ed on the m | nodel s | hown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | Ī | Ref: | LFL2 | 02409 | 09123 | 9081 | - Pa | ge: 2 | 05 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAL | LS I | AND | 113 | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------------------------------|---------------------------------|----------------|------------------|----------------------------|-----------------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|--|----------|------|-------------------------------|------------|-----------|-----------------------------|--------------|-----------|-----------------------------------|------------------|-------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | eference: | Room \ | VH 2 | DB | | | | Loc | cation: | 3rd F | loor | , Chr | ristie | Suite, I | Room | ı VH | 2 | Supp | olied | from | : | | 3 | 3rd Fl | oor Sı | ub D | B - 2I | _3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | O) | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | d) | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | ircuit (cbc) | R1+ or | -R ₂ R ₂ | Test voltage (V) | - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| Circ | | | Туре | Refe | Nun | Live | срс | Max | BS (| Туре | Rati | Brea | Max | BS (| Type | Rate | Rati | 1.1 | r _n (| 12 (| R1+R2 | R2 | Test | Live | Live | Pola | Max mea | Disc | Test | Man |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE: TYPI WIR | E OF insulated/sheathed | Thermop cables metallic c | s in | t | (| C ermople cables etallic | in | it | Thermop cables metallic tr | in | r | c | E ermopla ables in tallic tr | n | | F moplas /A cabl | | | G rmose WA cat | | ins | Mine sulated | | s | | (| o - Oth N/A | | | |

| D | ISTRI | BUTION BO | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------------|---|--------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|--------------|----------|--------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | | Room ' | VH 3 | DB | | | | Loc | cation: 3 | Brd F | loor | , Ch | ristie | Suite, R | loom | VH | 3 | Supp | olied | from | : | | 3 | 3rd Flo | oor Su | ıb DI | B - 2l | .1 | | |
| Distrib | ution circ | uit OCPD: BS | (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype | : 1 | В | Rati | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: T | ypes: T1 | N/A | T2 | N/A | . 1 | 3 | N/A | N | /A N/A | 4 | | | | ndicator ality ind | | | | | N/ | Д | | | | | | | | | | |
| Confirr | mation of | supply polarity | ✓ | | Сс | nfirn | natio | n of p | ohase | sequenc | e | ١ | N/A | | | | | | | | | Zs at | DB: | (| 0.27 ⊆ | 2 | lį | of at I | DB: | 0.98 | 4kA |
| S | CHEDU | JLE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | s | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcurr | ent p | rotectiv | ve dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | | Circuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | ircuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Room Soo | ckets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.06 | | 500 | > 999 | > 999 | \checkmark | 0.33 | | | |
| 2 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 3 | Lights & C | Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.72 | | 500 | > 999 | > 999 | ✓ | 0.99 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | r | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | A | В | | | | С | | | D | | | | E | | | F | | | G | | | н | 1 | | | C |) - Oth | er | | |
| | | Thermoplastic insulated/sheathed cables | Thermore cables metallic | s in | | | ermopl cables etallic | in | it | Thermopla cables i metallic tru | in | r | (| ermopla cables ir etallic tr | ۱ ا | Thern /SW/ | noplas A cabl | | | rmose WA cal | | in | Mine | | s | | | N/A | | | |
| | | S OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test unctional: | t instruments us | • | and/6 | | | umbe | ers): | T. | nsulation | racio | tanc | ۵. | | | | | | | | | Cor | ntinui | itv | | | | | | | |
| | | | | 102 | 20/3 | 94 | | | | | | | | | | | | | | | | | | ity. | | | | | | | |
| | | resistance: | | | | | | | | arth fault | 100 | מוזוו כ | euar | ice: | | | | | | | | RCI |). | | | | | | | | |
| | ESTED | | | | | | | | | | | | | | | | | | | | IIC I | | | | | | | | | | |
| Nam | | Martin Mc | | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | M.) | ull | <u> </u> | | | | Date | | | | 2024 | |
| his for | m is base | ed on the mode | I shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | ≀ef: ∣ | LFL20 |)2409 | 09123 | 9081 | Pa | ge: 2 | .07 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IE | 5 I I | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---------------------------------|----------------|------------------|----------------------------|---|------------------------|--|----------------------------------|---------|------------|---------------------------|--|----------|------|-------------------------------|------------|-----------|-----------------------------|-------------|----------------|-----------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | Room \ | VH 3 | DB | | | | Loc | cation: | 3rd F | loor | , Chr | ristie | Suite, I | Room | VH | 3 | Supp | olied | from | : | | 3 | 3rd Fl | oor Sı | ıb D | B - 2I | .1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | 96 | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | 90 | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| ່ ວັ້ 11 | Spare | | Ā | Ref | P Nu | <u></u> | Сро | Ma | BS | Туре | Rat | Bre | Ma | BS | Туре | Rat | Rat | | -r | 12 | R ₁ | R2 | Tes | <u></u> | <u></u> | Pol | Ma | Dis | Tes | Ma O |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic c | s in | t | | C ermopl cables etallic | in | it | Thermop cables metallic to | in | 1 | c | E ermopla ables in tallic tr | n | | F moplas A cable | | | G rmose WA cab | | in | Mine sulated | | s | | (| O - Oth N/A | | | |

| DIST | RIBUTION | BOARD | DETAI | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--------------------------|--------------|----------------------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|--------|------------|---------------------------|-------------------------|-----------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|--------------------|---------------------|----------|-----------------------|-------------------------|----------------------------|--|
| DB refere | nce: | Roc | om VH 4 | DB | | | | Loc | cation: 3 | Brd F | loor | , Chi | ristie | Suite, R | Room | VH | 4 | Supp | olied | from | | | 3 | 3rd Fl | oor Su | ıb Di | 3 - 1L | .3 | | |
| Distribution | circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | 1 | ype: | | 3 | Ratir | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD Details | : Types: | T1 N/A | T2 | N/A | . 7 | Γ3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirmatio | n of supply pol | arity | ✓ | Co | onfirn | natio | n of p | ohase | sequenc | е | ١ | N/A | | | | | | | | | Zs at | DB: | . (| 0.26 ⊈ | 2 | lį | of at I | DB: | 0.98 | 8kA |
| SCHE | DULE OF C | IRCUIT | DETAI | ILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Conc | luctor o | details | | (s) | Overcuri | ent pi | rotecti | ve dev | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| number | Circuit descr | ription | wiring | Reference method | r of served | and | nber size | Max disconnect time permitted by BS7671 | | | (A) | g y (kA) | ım ed Zs (Ω) | | | Rated operating current (mA) | · (¥) | | final ci | | R ₁ + | | Test voltage (V) | Live (M Ω) | Earth (M Ω) | (tick) | Im ed (Ω) | nection is) | button ation (tick) | Manual test button operation (tick) |
| Circuit number | | | Type of wiring | Referen | Number of points served | Live (mm ²) | cpc (mm ²) | Max dis permitt | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated o | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test vol | Live - L | Live - E | Polarity | Maximum measured (| Disconnection time (ms) | Test buttor operation (| Manual operatio |
| 1 Roon | n Sockets | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | \checkmark | 0.33 | | | | |
| 2 Heat | er | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.46 | | | | |
| 3 Light | s & Contactor | A | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.67 | | 500 | > 999 | > 999 | \checkmark | 0.93 | | | | |
| 4 Spare | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 Spare | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 Spare | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 Spare | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 Conta | actor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 Spare | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 Spare | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES FOR | A Thermoplasi | tic The | B ermoplastic | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermoplas | stic | | F | | | G | | | H | | | | C |) - Oth | er | | |
| TYPE OF WIRING | insulated/shea cables | | cables in callic condui | it | | cables etallic | | it | cables i metallic tru | | r | | tallic tru | | Therm /SWA | A cable | | | rmoset WA cab | | in | Mine sulated | erai d cable | es | | | N/A | | | |
| | ILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Details of Multi-function | test instrumen | its used (se | | or as 22673 | | iumb | ers): | Ţ | nsulation | recic | tanc | ۵. | | | | | | | | | Cor | ntinui | itv: | | | | | | | |
| | ode resistance: | | 102 | | J 3 4 | | | | arth fault | | | | nce' | | | _ | - | | | | RCI | | icy. | | | | | | | - |
| | | | | | | | | | | 1001 | , iiiip | Cuai | | | | | | | | | INCL | | | | | | | | | |
| | ED DV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name: | ED BY Martir | n Mckeowr | n | | Positio | on: | | | Elect | ricia | ın | | | Sian | nature | | | | μΙ | JU. | u_ | | | | Date | ٥٠ | U3 | /na/ | 2024 | |
| | | | | | | | | | | | | | | | | | | | 4111 | 10.1 | | | | | | | | | | |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IE | 5 I I | KE5 | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|----------------------------------|----------------|------------------|----------------------------|-----------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|------------------------------------|----------|------|------------------------------|------------|-----------|--------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | eference: | Room | √H 4 | DB | | | | Loc | cation: | 3rd F | loor | , Chr | ristie | Suite, I | Room | VH- | 4 | Supp | olied 1 | from | : | | 3 | 3rd Fl | oor Sı | ıb D | B - 1I | _3 | | |
| | | | | | CIR | CUIT | DETAI | ILS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | luctor c | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | Σ α | <u> </u> | | | | Σ α | <u> </u> | | | | | | | | <u>~</u> | | | | | Σ E | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | В | | | | С | | | D | | | | E | | | F | | | G | | | н | | | | |) - Oth | er | | |
| CODE TYP WIR | S FOR Thermoplastic E OF insulated/sheathed | Thermore cables metallic o | s in | t | | ermopl cables etallic | in | it | Thermop cables metallic to | in | r | c | ermopla ables in tallic tr | ۱ | | noplas A cable | | | rmoset WA cab | | in | Mine | | s | | | N/A | | | |

| D | ISTRIBUTION | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------|--------------------------|--------------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------|---------|------------|---------------------------|-----------------------------|-----------------------|---------------|------------------------------|------------|------------|------------------|----------|------------------|--------|------------------|-----------|---------------------|----------|---------------------|----------------------------|----------------------------|--|
| DB r | eference: | Room | VH 5 | DB | | | | Loc | cation: 3 | 3rd F | loor | , Chi | ristie | Suite, F | Room | VH | 5 9 | Suppl | lied f | rom: | | | 3 | 3rd Flo | oor Su | ıb DI | 3 - 21 | _2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | T | ype: | | 3 | Ratii | ng/S | etting | j : | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | 73 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | ١ | | | | | | | | | | |
| Confirr | mation of supply po | olarity 🗸 | • | Co | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | , | | • | , | | | | Zs at | : DB: | C | 0.31 🖸 | 2 | Ιŗ | of at | DB: | 0.87 | 6kA |
| S | CHEDULE OF (| CIRCUIT D | ETAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pr | otectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| Circuit number | Circuit desc | cription | Type of wiring | Reference method | Number of points served | and | nber size | Max disconnect time permitted by BS7671 | 2 | | (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | 7 | | Rated operating current (mA) | | Ring fi | | | R ₁ + | | Test voltage (V) | Live (MΩ) | Earth (M Ω) | y (tick) | um Ired (Ω) | Disconnection time (ms) | utton ion (tick) | Manual test button operation (tick) |
| Circuit | | | Туре о | Refere | Numbe | Live (mm ²) | cpc (mm ²) | Max di permit | BS (EN) | Туре | Rating (A) | Breaki capaci | Maxim permit | BS (EN) | Туре | Rated | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test vo | Live - | Live - | Polarity | Maximum measured | Discon time (I | Test buttor operation (| Manua operat |
| 1 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.07 | | 500 | > 999 | > 999 | | 0.38 | | | |
| 2 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.34 | | 500 | > 999 | > 999 | ✓ | 0.65 | | | |
| 3 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.77 | | 500 | > 999 | > 999 | ✓ | 1.08 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | В | | | С | | | D | | | | E | | | F | | | G | | | н | • | | | | - Oth | | | |
| CODE | E OF insulated/she | stic Therm athed cabl | oplastic les in | | | ermopl cables | in | | Thermopla cables | in | | C | rmopla ables ir | 1 | Thern /SW/ | • | | | moseti /A cab | | in | Mine | | .s | | | N/A | | | |
| WIR | ETAILS OF TE | | condui | | nonm | etallic | condui | t | metallic tru | inking | n | ionme | tallic tr | unking | 70 | | | , , , , | | | | | | | | | | | | |
| | ils of test instrume | | | | set n | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 102 | 2673 | 394 | | | Ir | sulation | resis | tance | e: | | | | - | | | | | Cor | ntinui | ty: | | | | | | | |
| Earth e | electrode resistance | e: | | | | | | E | arth fault | loop | imp | edar | ice: | | | - | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Marti | n Mckeown | | F | Positio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.L | ll | <u> </u> | | | | Date | e: | 03 | /09/2 | 2024 | |
| his for | m is based on the | model shown i | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 2 | 11 of | 253 |

| S | CHEDULE OF CIRC | OTT DE | IAI | LS I | AND | | ST | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|--------------------------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|--|----------|------|-------------------------------|------------|-----------|-----------------------------|-------------|-----------|-----------------------------------|------------------|----------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--------------------|
| DB r | reference: | Room \ | /H 5 | DB | | | | Loc | cation: | 3rd F | loor | , Chr | ristie | Suite, I | Room | ı VH | 5 | Supp | olied | from | : | | 3 | rd Flo | oor Si | ıb D | B - 2I | _2 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | tion res | istance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | EN) | | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+ or | -R ₂ R ₂ | Test voltage (V) | - Live (M Ω) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| Circ | | | Туре | Refe | Num | Live | Срс | Max | BS (EN) | Туре | Rati | Brea | Max perr | BS (| Type | Rate | Rati | 1.1 | r _n (| r2 (e | R1+R2 | R2 | Test | Live | Live | Pola | Max mea | Disc | Test | Man |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TYP | S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermop cables metallic c | s in | t | (| C ermoplicables etallic | in | it | Thermop cables metallic tr | in | ı | c | E ermopla ables ir tallic tr | n | | F moplas /A cabl | | | G rmose WA cat | | ins | Mine sulated | | S | | (| o - Oth N/A | | | |

| D | ISTRIBUTION | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------------------------------|--------------------------|--|------------------|----------------------------|-------------------------------|------------------------|--|-------------------------------------|---------|------------|---------------------------|---|-----------------------|---------------|-------------------------------|------------|-----------|-----------------------------|-------------|--------------------------------|----------------------|------------------|----------------|----------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | eference: | Room | VH 6 | DB | | | | Loc | cation: 3 | 3rd F | loor | , Chi | ristie | Suite, F | Room | VH | 6 | Supp | lied f | from | | | 3 | 3rd Flo | oor Su | ıb DI | 3 - 31 | .1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | etting | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply po | olarity 🗸 | , | Co | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | , | | • | , | | | | Zs at | DB: | . (| 0.19 🖸 | 2 | Ιŗ | of at | DB: | 1.14 | l kA |
| S | CHEDULE OF (| CIRCUIT DI | ETAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcur | rent pr | otectiv | /e dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| Circuit number | Circuit desc | cription | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | 90 | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | 9 | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | rcuit (cbc) | R ₁ +R ₂ | | Test voltage (V) | e - Live (MΩ) | e - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| | Room Sockets | | | | 1 iod 4 | | | | <u>8</u> 60898 | Туре | <u>78</u> | 9 Bre | | | Туре | | | | | | | R2 | | - Cive | - COO | | 0.48 | | | |
| 2 | Heater | | A | С | 2 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | | > 999 > 999 | | | 0.48 | | | |
| 3 | Lights & Contactor | | A | С | 9 | 1.5 | 1.0 | | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.70 | | | > 999 | | | 0.99 | | | |
| | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE TYP WIR | | stic Therm athed cabl | B oplastic es in c conduit | | | C ermoplicables etallic | in | t | Thermopla cables metallic tru | in | n | C | E ermopla: ables ir tallic tr | 1 | Therm /SWA | F noplas A cable | | | G moset VA cab | | ins | H Mine sulated | - | ·S | | O | o - Oth N/A | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume unctional: | nts usea (seria | | or as 2673 | | umbe | ers): | Ir | nsulation | resis | tance | e: | | | | _ | | | | | Cor | itinui | ity: | | | | | | | |
| | electrode resistance | 2: | _02 | | | | | | arth fault | | | | ice: | | | | | | | | RCI | | , | | | | | | | |
| 7 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | n Mckeown | | F | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | w | <u> </u> | | | | Date | e: | 03 | /09/2 | 2024 | |
| his for | m is based on the i | model shown ii | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | | | | |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS I | AND | IE | 511 | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---------------------------------|----------------|------------------|----------------------------|---|------------------------|--|-----------------------------|---------|------------|---------------------------|--|----------|------|-------------------------------|------------|-----------|------------------------------|-------------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB r | reference: | Room \ | VH 6 | DB | | | | Loc | cation: | 3rd F | loor | , Chi | ristie | Suite, I | Room | VH | 6 | Supp | olied 1 | from | : | | 3 | 3rd Fl | oor Sı | ıb D | B - 3I | _1 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (s) | Overcu | rrent p | rotecti | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | S FOR Thermoplastic insulated/sheathed cables | Thermop cables metallic c | s in | t | (| C ermopl cables etallic | in | it | Thermore cables metallic to | s in | 1 | c | E ermopla ables in tallic tr | n | | F noplas A cable | | | G rmoset WA cab | | in | Mine sulated | | :S | | (| o - Oth N/A | | | |

| D | ISTRIBUTION | BOARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----------------------|--------------------------|--------------------------------|------------------|----------------------------|-----------------------------|------------------------|--|---------------------------------------|---------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|--------|------------|-----------------------------|-------------|------------------------|----------------|------------------|---------------|--------------|-----------------|--------------------------------|----------------------------|------------------------------|--|
| DB r | eference: | Room | VH 7 | DB | | | | Loc | cation: 3 | 3rd F | loor | , Chi | ristie | Suite, F | Room | VH | 7 9 | Suppl | lied f | rom: | | | 3 | 3rd Flo | oor Su | ıb DE | 3 - 3L | .3 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Rati | ng/S | etting | j : | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | Т | 3 | N/A | N | /A √ | | | | | ndicator ality ind | | | | е | N/A | ١ | | | | | | | | | | |
| Confirr | nation of supply po | olarity 🗸 | , | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | , | | • | , | | | | Zs at | DB: | . (| 0.19 🖸 | 2 | Ιŗ | of at I | OB: | 1.14 | ↓kA |
| S | CHEDULE OF (| CIRCUIT DI | ETAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CUIT | | | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pr | otectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D A | AFDD |
| Circuit number | Circuit desc | cription | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | d) | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | 0 | Rated operating current (mA) | | Ring fi | r _n (neutral) eu | rcuit (cbc) | R ₁ + or | | Test voltage (V) | : - Live (MΩ) | - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Circ | | | Type | | | | | | | Туре | | | | BS (| Туре | Rate | Rati | L L | r_ | 12 (| R1+R2 | R ₂ | | Live | Live | | | Disc | Test | Man |
| 1 | Room Sockets | | A | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | | | | | 0.53 | | | |
| 2 | Heater | | Α | С | 2 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.37 | | | | > 999 | | 0.67 | | | |
| 3 | Lights & Contactor | | A | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.96 | | 500 | > 999 | > 999 | √ | 1.26 | | | |
| 4 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 8 | Spare Contactor | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| 9 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | - Charles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A | | В | | | С | | | D | | | | E | | | F | | | G | | | н | 1 | | | 0 | - Oth | er | | |
| CODE: TYPI WIR | E OF insulated/she | stic Therm athed cabl | oplastic es in c conduit | | | ermopl cables etallic | in | t | Thermopla cables i metallic tru | in | n | C | rmopla: ables ir tallic tr | 1 | Thern /SW/ | noplas A cable | | | moseti /A cab | | ins | Mine | eral d cable | s | | | N/A | | | |
| D | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deta | ils of test instrume | nts used (seria | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 102 | 2673 | 394 | | | Ir | sulation | resis | tance | e: | | | | - | | | | | Cor | tinui | ity: | | | | | | | |
| Earth e | electrode resistance | 2: | | | | | | E | arth fault | loop | imp | edar | ice: | | | - | | | | | RCI |): | | | | | | | | |
| Í | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Marti | n Mckeown | | F | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.L | lu. | <u> </u> | | | | Date | e: | 03, | /09/ | 2024 | |
| his for | m is based on the | model shown ii | n Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | - Pa | ge: 2 | 15 of | 253 |

| S | CHEDULE OF CIRC | OTI DE | IAI | LS / | AND | 113 | SII | RES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--------------------------------|---------------------------------|----------------|------------------|----------------------------|-------------------|------------------------|--|----------------------------------|---------|------------|---------------------------|---|----------|------|-------------------------------|------------|-----------|------------------------------|--------------|-------|-----------------------------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|------------------------------|--------------------|
| DB reference: Circuit description | | Room \ | /H 7 | DB | | | | Loc | cation: | 3rd F | loor | , Chr | ristie | Suite, I | Room | VH | 7 | Supp | olied 1 | from | : | | 3 | rd Flo | oor Su | ıb D | B - 3I | _3 | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor d | letails | | (S) | Overcu | rrent p | rotecti | ve dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | tion res | istance | | Zs | RC | :D | AFDI |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) eu | ircuit (cbc) | R1+R2 | -R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button |
| 11 | Spare | | | | | | | | <u> </u> | | | | | | | | | | | | | | | | | | | | | |
| 12 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CODE TYP WIR | E OF insulated/sheathed | Thermop cables metallic c | in | | (| cables etallic | in | it | Thermop cables metallic to | in | 1 | c | E ermopla: ables in tallic tr | n | | F moplas A cable | | | G rmoset WA cab | | ins | Mine sulated | | S | | C | o - Oth N/A | | | |

| D | ISTRI | BUTION | BOA | ARD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------|--|----------|-----------------------------|-----------------|------------------|----------------------------|-----------------------------------|------------------------|--|---------------------------------------|--------|------------|---------------------------|---|-------------|-------|-------------------------------|------------|-----------|-----------------------------|-------------|----------|-----------------|------------------|---------------------------|-------------------|-----------------|--------------------------------|----------------------------|---------------------------------|--|
| DB r | eference | : | | 4th Floo | or Sub | DB | | | | Loc | cation: | | 4th | Floc | or, Ele | ectrical F | iser | | | Supp | lied | from | : | | | | MPB - | 8TF | • | | | |
| Distrib | ution circ | uit OCPD: | BS (| (EN): | | | 609 | 947-2 | 2 M | ССВ | | | Т | ype: | | В | Rati | ng/S | ettin | g: | 100 |) A | | No | of p | hases | : | 3 | | | | |
| SPD D | etails: T | ypes: | T1 | N/A | T2 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator of | | | | | √ | | | | | | | | | | | |
| Confirr | nation of | supply po | larity | ✓ | | Со | nfirm | natior | n of p | hase | sequenc | e | | ✓ | | | | F | , | | | | Zs at | : DB: | (| 0.10 🖸 | 2 | Ιŗ | of at | DB: | 4.78 | 3 kA |
| S | CHEDL | JLE OF C | CIRC | UIT DE | TAI | LS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | CUIT I | | | | | | | | | | | | | | | | т | EST R | ESULT I | DETAIL | 5 | | | | |
| | | | | | | Cond | uctor d | etails | | (s) | Overcurr | ent pi | otectiv | e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ition res | istance | | Zs | RC | D / | AFDD |
| Circuit number | | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | Live (mm ²) pue unn | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 L1 | Room 71 | DB | | | A | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | | 1.09 | 61009-B | A | 30 | 40 | | | | 0.09 | | | > 999 | | | 0.19 | | ✓ | |
| 1 L2 | Room 72 | DB | | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.25 | 18.5 | ✓ | |
| 1 L3 | Room 73 | DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | А | 30 | 40 | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.22 | 18.5 | ✓ | |
| 2 L1 | Room 74 | DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | А | 30 | 40 | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.29 | 18.5 | ✓ | |
| 2 L2 | Room 75 | DB | | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | LIM | | 500 | LIM | LIM | LIM | LIM | 18.5 | ✓ | |
| 2 L3 | Room 76 | DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.22 | 18.5 | ✓ | |
| 3 L1 | Room 77 | DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.31 | 18.5 | ✓ | |
| 3 L2 | Room 78 | DB | | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.34 | 18.5 | ✓ | |
| 3 L3 | Room 79 | DB | | | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.26 | 18.5 | ✓ | |
| 4 L1 | Room 80 | DB | | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.28 | 13.5 | ✓ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE TYP WIR | E OF | Thermoplas insulated/shea cables | | Thermo cable metallic | plastic s in | | | c ermopla cables etallic | in | t | Thermopla cables i metallic tru | n | n | С | E rmopla ables in tallic tr | | | F noplas A cable | | | G rmose NA cab | | ins | Mine sulated | | S | | C | - Oth N/A | | | |
| | | S OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | t instrumer | nts use | ed (serial | | | | umbe | ers): | т | aulatio = | roo!- | tana | | | | | | | | | | Com | tin.: | i - | | | | | | | |
| | unctional | | | | 1022 | 20/3 | 94 | | | | nsulation | | | | | | | | | | | | | ntinui S. | ity: | | | | | | | - |
| | | resistance | - | | | | | | | E | arth fault | 1000 | ппр | euan | ice: | | | - | | | | | RCI | <i>)</i> : | | | | | | | | |
| | ESTED | | | | | | | | | | | | | | | - | | | | | | 10.1 | | | | | _ | | | /a = : | | |
| Nam | | Marti | | | Δ | | ositio | | c 7 1 | 2010 | Elect | | n | | | Signa | iture | : | | | μ,) | ul | <u> </u> | | LELO | 2400 | Date | | | /09/2 | | |
| riis tor | m is base | ed on the r | nodel : | snown in | Appe | endix | D 01 | B2 / | σ/1: | 7018 | +AZ:2U2 | ۷. | | | | | | | | | | | ŀ | ker: I | LFL2(| 124091 | 09123 | ยบชา | - Pa | ge: 2 | T / O | 253 |

| S | SCHEDULE OF CIRCUI | T DETA | ILS | AN | D T | EST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---|------------------|-----------|--------------------------|---------------------------|--|-------------------------------|--------------|------------|---------------------------|-----------------------------------|------------|------|------------------------------|------------|-----------|--------------------------|----------|------------------|------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|
| DB r | reference: 4t | th Floor S | ıb DI | В | | | Lo | cation: | | 4th | Floo | or, Ele | ectrical R | iser | | | Supp | lied 1 | from | : | | | | MPB - | - 8TI | Р | | | |
| | | | | С | IRCUI | T DETA | ILS | | | | | | | | | | | | | | Т | EST R | ESULT I | DETAILS | s | | | | |
| | | Overcur | rent p | rotecti | ve dev | /ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ition res | istance | | Zs | RC | :D | AFDD | | | | | | |
| | | | ро | | | umber nd size | _ time 5767] | | | | | 2 | | | | | Ring | final ci | rcuit | R ₁ + | | | | ਹਿ | | | | | ton |
| Circuit number | Circuit description | Type of wiring | Reference method | Number of | points served | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 4 L2 | Room 81 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.24 | 13.8 | ✓ | |
| 4 L3 | Room 82 DB | A | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.18 | 14.6 | ✓ | |
| 5 L1 | Room 83 DB | A | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.10 | | 500 | > 999 | > 999 | ✓ | 0.20 | 18.4 | ✓ | |
| 5 L2 | Room 84 DB | A | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.29 | 18.3 | ✓ | |
| 5 L3 | Room 85 DB | A | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.32 | 18.5 | ✓ | |
| 6 L1 | Room 86 DB | А | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.31 | 18.4 | ✓ | |
| 6 L2 | Room 87 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.35 | 18.5 | ✓ | |
| 6 L3 | Room 88 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.23 | 45.2 | ✓ | |
| 7 L1 | Room 89 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.07 | | 500 | > 999 | > 999 | ✓ | 0.17 | 18.5 | ✓ | |
| 7 L2 | Room 90 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.25 | 18.5 | ✓ | |
| 7 L3 | Room 91 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.30 | 18.5 | ✓ | |
| 8 L1 | Room 92 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.33 | 13.6 | ✓ | |
| 8 L2 | Room 93 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.28 | 18.4 | ✓ | |
| 8 L3 | Room 94 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.15 | | 500 | > 999 | > 999 | ✓ | 0.25 | 18.5 | ✓ | |
| 9 L1 | Room 95 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.11 | | 500 | > 999 | > 999 | ✓ | 0.21 | 18.5 | ✓ | |
| 9 L2 | Room 96 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.24 | | 500 | > 999 | > 999 | ✓ | 0.34 | 18.5 | ✓ | |
| 9 L3 | Room 97 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.32 | 18.5 | ✓ | |
| 10 L1 | Room 98 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.33 | 18.5 | ✓ | |
| 10 L2 | Room 99 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.26 | 18.5 | ✓ | |
| 10 L3 | Room 100 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.20 | | 500 | > 999 | > 999 | ✓ | 0.30 | 18.5 | ✓ | |
| 11 L1 | Room 101 DB | А | В | 1 | 10 |) 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.23 | 18.5 | ✓ | |
| | A | В | | | | : | | D | | | | E | | | F | | | G | | | ŀ | 1 | | | | 0 - Oth | er | | |
| TYP | S FOR Thermoplastic insulated/sheathed | Thermoplast cables in netallic cond | | | hermo cable metall | plastic s in c cond | | Thermople cables metallic tru | in Inking | r | C | ermopla cables i etallic tr | n | | noplas A cable | | | rmoset VA cab | | | Minosulate | eral d cable | s | | | N/A | \ | | £ 252 |

| 5 | CHEDUL | E OF CIRC | OTI DE | IAL | LS I | AINL | | 51 | KES | ULIS | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---------------|--|-----------------------------|-----------------|------------------|----------------------------|-----------------------------|------------------------|--|---------------------------------------|-------|------------|---------------------------|-----------------------------------|------------|------|------------------------------|------------|-----------------------|-----------------------------|-------------|-------|-----------|------------------|---------------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | eference: | | 4th Floo | r Sul | DB | | | | Lo | cation: | | 4th | Floo | or, Ele | ectrical R | iser | | | Supp | olied | from | : | | | | MPB - | 8TF |) | | | |
| | | | | | | CIR | CUIT | DETA | ILS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Cond | uctor o | | | 1 (s) | Overcurr | ent p | rotectiv | ve dev | /ice | | RCD | | | | Con | tinuity | | | Insula | ation res | istance | | Zs | RO | CD | AFDE |
| Circuit number | C | Circuit description | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | -R2 R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 11 L2 | Room 102 E | В | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.11 | | 500 | > 999 | > 999 | \checkmark | 0.21 | 18.5 | | |
| 11 L3 | Room 103 E | В | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.28 | 18.5 | ✓ | |
| 12 L1 | Room 104 E | В | | Α | В | 1 | 10 | 4 | 5 | 61009 | В | 40 | 10 | 1.09 | 61009-B | Α | 30 | 40 | | | | 0.12 | | 500 | > 999 | > 999 | ✓ | 0.32 | 18.5 | ✓ | |
| 12 L2 | Cleaners So | cket | | А | В | 1 | 2.5 | 1.5 | 0.4 | 61009 | В | 20 | 10 | 2.19 | 61009-B | Α | 30 | 20 | | | | 0.37 | | 500 | > 999 | > 999 | ✓ | 0.49 | 18.5 | ✓ | |
| 12 L3 | Corridor Lig | hts Near | | А | В | 15 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.80 | | 500 | LIM | > 999 | ✓ | 0.90 | 18.4 | ✓ | |
| 13 L1 | Corridor Lig | hts Far | | А | В | 25 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 1.14 | | 500 | LIM | > 999 | ✓ | 1.24 | 17.9 | ✓ | |
| 13 L2 | Corridor EN | 1 Lights | | А | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | Α | 30 | 10 | | | | 0.69 | | 500 | LIM | > 999 | ✓ | 0.79 | 15.3 | ✓ | |
| 13 L3 | RHS Spur | | | А | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.18 | | 500 | > 999 | > 999 | ✓ | 0.28 | | | |
| 14 L1 | LHS Spur | | | А | В | 1 | 2.5 | 1.5 | 0.4 | 60947-2 | С | 10 | 10 | 2.19 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.31 | | | |
| 14 L2 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 L3 | Far Stair Lig | hts | | А | В | 10 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | А | 30 | 10 | | | | 1.70 | | 500 | LIM | > 999 | ✓ | 1.80 | 18.0 | ✓ | |
| 15 L1 | Near Stair L | ights | | А | В | 8 | 1.5 | 1.0 | 0.4 | 61009 | В | 10 | 10 | 4.37 | 61009-B | А | 30 | 10 | | | | 1.07 | | 500 | LIM | > 999 | ✓ | 1.17 | 18.1 | ✓ | |
| 15 L2 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L3 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 TP | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Α | В | | | | С | | | D | | | | E | | | F | | | G | | | H | ł | | | |) - Otl | her | | |
| CODE TYP WIR | | Thermoplastic ulated/sheathed cables | Thermo cable metallic | plastic s in | t | | ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | r | (| ermopla cables i etallic tr | n | | noplas A cable | | | rmoset WA cab | | in | Min | | S | | | N/A | | | |

| T AL | DISTRIBUTION | RO | ARD D | EIA. | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------------------------------|---------|----------|-----------------------|------------------|----------------------------|-------------------------|------------------------|--|------------------------|--------|------------|---------------------------|-----------------------------|---------|--------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|---------------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | | Roo | m 71 | DB | | | | Loc | cation: | | 4 | 4th F | loor, | Room | 71 | | | Supp | olied 1 | rom | : | | 4 | 1th Flo | oor Su | ıp D | B - 1I | _1 | | |
| Distrib | ution circuit OCPD: | BS | (EN): | | | 610 | 09 R | CD/I | RCBC |) | | ٦ | Гуре | : | В | Rati | ing/S | Settir | ıg: | 40 | Α | | No | of p | hases | | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | ٦ ٦ | Г3 | N/A | N | /A N/A | 4 | | | | ndicato | | | | | N/A | 4 | | | | | | | | | | |
| Confirm | mation of supply pol | arity | ~ | / | C | onfirn | natio | n of _l | ohase | sequenc | e | ı | N/A | | , | | μ. ο | | | | | Zs at | : DB: | (|).19 ດ | 2 | þ | pf at I | DB: | 1.2 | 1 kA |
| | CHEDULE OF C | | UIT D | ETA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | DETA | | | | | | | | | | | | | | | т | EST R | ESULT I | DETAILS | 5 | | | | |
| | | | | | Cond | ductor o | details | | (s) | Overcuri | rent p | rotecti | ve de | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | CD | AFDD |
| | | | | | po | | | mber I size | time 7671 | | | | | | | | | | Ring | final ci | rcuit | R ₁ + | | | | <u> </u> | | | | | LO: |
| Circuit number | Circuit descr | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.38 | | | |
| 2 | Room Sockets | | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.39 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.14 | | 500 | > 999 | > 999 | ✓ | 0.33 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 5 | Hob & Extractor | | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.21 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.41 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplast | tic | Thern | B noplastic | | The | C ermop | lastic | | D Thermopla | astic | | The | E ermopla | estic | | F | | | G | | | Н | | | | C | O - Oth | er | | |
| TYP | E OF insulated/shea RING cables | | cab | oles in ic condu | | | cables | | it | cables metallic tru | in | | (| cables i etallic tr | n | | moplas A cabl | | | rmoset WA cab | | in | Mine | eral I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumen | nts use | ed (seri | | | | umb | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | | 102 | 2267 | 394 | | | | nsulation | | | | | | | • | | | | | | ntinui | ty: | | | | | | | |
| Earth (| electrode resistance: | : | | | | | | | E | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | | | | Positio | | | | Elect | | ın | | | Sig | nature | e: | | | H.J | ll | u | | | | Date | e: | 03 | /09/ | 2024 | .] |
| This for | rm is based on the n | nodel | shown | in App | endix | 6 of | BS 7 | 7671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: I | FL20 | 24090 | 09123 | 9081 | Pa | ge: 2 | 20 o | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 72 DB Location: 4th Floor, Room 72 Supplied from: 4th Floor Sub DB - 1L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|-----------|----------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|---------|------------|---------------------------|-------------------------|------------------------|-------|------------------------------|------------|-----------------------|--------------------------|----------|--------------------------|------------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | | Room | 72 D | В | | | | Loc | cation: | | 4 | th F | loor, | Room 7 | 72 | | | Supp | lied | from | | | 4 | 4th Fl | oor Su | ıb DI | B - 1l | _2 | | |
| Distrib | oution circuit OCPD | : BS (E | N): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N | N/A | T2 | N/A | Т | 73 | N/A | N | /A N/A | 4 | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply p | olarity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | | | | | | | | Zs at | DB: | (| ວ.25 ເ | 2 | ļį | of at I | DB: | 0.93 | 2kA |
| S | CHEDULE OF | CIRCU | IT DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcur | rent pr | rotectiv | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| ia | Cinavik da | | | 6 | sthod | | | nber size | ect time BS7671 | | | | | (0) | | | ing | | Ring | final ci | rcuit | R ₁ + or l | | 2 | (C) | (DM) | | | _ | Š | outton :k) |
| Circuit number | Circuit de | scription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.15 | | 500 | > 999 | > 999 | \checkmark | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.23 | | 500 | > 999 | > 999 | ✓ | 0.58 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | \checkmark | 0.43 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.25 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.09 | | 500 | > 999 | > 999 | ✓ | 0.34 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.19 | | 500 | > 999 | > 999 | ✓ | 0.43 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S FOR Thermop | | B Thermop | plastic | | | C ermopl | | | D Thermopla | | | The | E rmopla: | stic | Therm | F | tic | Tho | G rmoset | ting | | H Mine | | | | C |) - Oth | | | |
| | RING insulated/sl cable | | cables metallic o | | | | cables etallic | | t | cables i metallic tru | | n | | ables in tallic tr | | | A cable | | | NA cab | | ins | | d cable | es | | | N/A | | | |
| | DETAILS OF T | | | | | sot n | umb | ~~\. | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrum unctional: | ents used | • | | or as 2673 | | umbe | :15): | Iı | nsulation | resis | tance | e: | | | | | | | | | Cor | itinui | ty: | | | | | | | |
| | electrode resistand | ce: | | | | | | | | arth fault | | | | ice: | | | _ | | | | | RCI | | • | | | | | | | |
| | TESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | tin Mcke | own | | P | ositio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H.J | lu | <u> </u> | | | | Date | e: | 03, | /09/2 | 2024 | |
| his for | rm is based on the | model sh | nown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 02409 | 09123 | 9081 | Pa | ge: 2 | 21 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 73 DB Location: 4th Floor, Room 73 Supplied from: 4th Floor Sub DB - 1L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------|----------|----------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|---------------------------|--------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|------------------|----------------------------|-------------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Room | 73 D | В | | | | Loc | cation: | | 4 | th F | loor, | Room 7 | '3 | | | Supp | olied f | rom: | | | 4 | 1th Fl | oor Su | b DI | B - 1L | .3 | | |
| Distrib | ution circuit OCPD: | BS (EN | N): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratii | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N | /A 1 | Т2 | N/A | Т | 3 | N/A | N | /A N/A | | | | | ndicator of ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pol | arity | \checkmark | | Со | nfirn | nation | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.22 🛭 | 2 | ļį | of at I | OB: | 1.03 | 3 kA |
| S | CHEDULE OF C | CIRCUI | IT DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcurr | ent pi | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| _ | | | | | poq: | | Nun and | nber size | t time 3S7671 | | | | | (U) | | | Di Di | | Ring | final ci | rcuit | R ₁ + | | S | (2 | (a) | | | | · · | rtton (; |
| Circuit number | Circuit descr | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.49 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.26 | | 500 | > 999 | > 999 | ✓ | 0.48 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.35 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.35 | | 500 | > 999 | > 999 | ✓ | 0.57 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.08 | | 500 | > 999 | > 999 | ✓ | 0.30 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.22 | | 500 | > 999 | > 999 | ✓ | 0.44 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplast | tic | B Thermop | | | The | C ermopl | astic | | D Thermopla | stic | | The | E rmoplas | stic | | F . | | | G | | | Н | | | | C | - Oth | er | | |
| TYPI WIR | E OF insulated/shea | thed | cables metallic c | in . | | | cables etallic | | t | cables i metallic trui | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine | erai I cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrumen | nts used | - | | | | umbe | ers): | т | aulatias : | roc!- | + | | | | | | | | | | Carr | +i.e! | + | | | | | | | |
| | unctional: | | | 1022 | 26/3 | 394 | | | | nsulation | | | | | | | - | | | | | | itinui | ty: | | | | | | | _ |
| | electrode resistance: | : | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| I | ESTED BY | | | | | | | | | | | | | | | | | | | | 10. | | | | | | | | | | |
| Nam | | n Mcked | | | | Positio | | | | Electi | | ın | | | Signa | ature | : | | | H.I | W | | | | | Date | | | | 2024 | |
| his for | m is based on the n | nodel sh | own in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | FL2C | 2409 | 09123 | $908\overline{1}$ | Pa | ge: 2 | 22 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 74 DB Location: 4th Floor, Room 74 Supplied from: 4th Floor Sub DB - 2L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------|----------------------|-------------|----------------|------------------|----------------------------|--------------------|------------------------|--|------------------------|---------|------------|---------------------------|------------------------------------|-----------------------|---------------|------------------------------|------------|-----------|-----------------|-------------|-----------|-----------------|-----------------|------------------------|----------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | eference: | | Roon | n 74 E | ОВ | | | | Loc | cation: | | 4 | th F | loor, | Room | 74 | | | Supp | olied | from | : [| | 4 | 4th Fl | oor Su | ıb DI | B - 2I | _1 | | |
| Distrib | ution circuit OCF | D: BS | (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | . 7 | T3 | N/A | N | /A N/A | 4 | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply | polarity | ✓ | | Co | onfirn | natio | n of p | hase | sequenc | e | N | I/A | | | | | | | | | Zs at | DB: | (|).29 | 2 | ļį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE O | F CIRC | CUIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor o | letails | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| Circuit number | Circuit | description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | a | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (EN) | O. | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) eu | rcuit (cbc) | -R2 or | | : voltage (V) | : - Live (M Ω) | ։ - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| Circ | | | | Type | Refe | Nun | Live | срс | Мах | BS (| Туре | Rati | Brea | Мах | BS (| Туре | Rate | Rati | r1 (| rn (| 12 (| R1+R2 | R2 | Test | Live | Live | | Max | Disc | Test | Man |
| 1 | Oven | | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contacto | or | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermo | A oplastic | Thermo | | | The | C ermopl | actic | | D Thermopla | actic | | The | E ermopla | ctic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated, | /sheathed | cable | s in | | | cables etallic | in | it | cables metallic tru | in | n | C | ables ir tallic tr | ı | Thern /SW/ | noplas A cabl | | | rmose WA cat | | in | Mine sulated | eral I cable | es | | | N/A | | | |
| | ETAILS OF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instru | ments us | sed (serial | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth e | electrode resista | nce: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Ma | rtin Mc | keown | | F | Positio | on: | | | Elect | ricia | n | | | Sign | ature | : | | | H. | ll | <u> </u> | | | | Date | e: | 03 | /09/ | 2024 | |
| his for | m is based on t | ne model | l shown in | Арре | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 02409 | 09123 | 9081 | Pa | ge: 2 | 23 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 75 DB Location: 4th Floor, Room 75 Supplied from: 4th Floor Sub DB - 2L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|--------------|-----------------------|------------------|----------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-----------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|-------|-----------------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Roo | m 75 [| ОВ | | | | Loc | cation: | | 4 | lth F | loor, | Room 7 | '5 | | | Supp | olied 1 | from | : | | 4 | th Fl | oor Si | ıb DI | B - 2I | _2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | 7 | ype: | | В | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | rity 🗸 | | Co | onfirn | natio | n of p | ohase | sequenc | е | 1 | N/A | | | | | | | | | Zs a | t DB: | ı | LIM 🛭 | 2 | Į | of at | DB: | LIN | 1 kA |
| S | CHEDULE OF C | IRCUIT D | ETAI | LS | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | por | | | nber size | time 57671 | | | | | (2 | | | | | Ring | final ci | rcuit | | +R ₂ R ₂ | | | (č | | | | | ton |
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | LIM | | 500 | LIM | LIM | LIM | LIM | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | LIM | | 500 | LIM | LIM | LIM | LIM | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | LIM | | 500 | LIM | LIM | LIM | LIM | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | LIM | | 500 | LIM | LIM | LIM | LIM | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | LIM | | 500 | LIM | LIM | LIM | LIM | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | LIM | | 500 | LIM | LIM | LIM | LIM | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | c Thern | B noplastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla | stic | | F . | | | G | | | F | | | | C | - Oth | er | | = |
| WIR | E OF insulated/sheatl | | oles in ic condui | t | | cables etallic | | it | cables i metallic tru | | r | | cables in tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | in | Mine | erai d cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrument | s used (seri | | | | iumbe | ers): | | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | 102 | 2673 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ity: | | | | | | | |
| arth e | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Martin | Mckeown | | F | Positio | on: | | | Elect | ricia | ın | | | Sign | ature | : | | | H.J | ll | u | - | | | Dat | e: | 03 | /09/2 | 2024 | |
| his for | m is based on the m | odel shown | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | | Ref: | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 24 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 76 DB Location: 4th Floor, Room 76 Supplied from: 4th Floor Sub DB - 2L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------|-------------|-----------------------|---------------------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | R | Room 7 | 6 DB | | | | Loc | cation: | | 4 | th F | loor, | Room 7 | '6 | | | Supp | olied f | rom: | | | 4 | 4th Fl | oor Su | b D | B - 2L | .3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | : | | 610 | 009 R | CD/I | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | . N/ | Α . | T3 | N/A | N | /A N/A | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity | \checkmark | (| Confir | matio | n of p | ohase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.22 🛭 | 2 | lį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT | DET | AILS | AND |) TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CII | RCUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Coi | nductor | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| į, | a | | | thod | | and | mber size | ct time BS7671 | | | | | (_O) | | | ng | | Ring | final ci | rcuit | R ₁ + or | | <u>S</u> | (0) | MD.) | | | | ⊋ | utton k) |
| Circuit number | Circuit descri | iption | | Type of wiring Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | A C | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | A C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | A C | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | . 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplast | ic Th | B nermoplas | stic | Th | C ermopl | lastic | | D Thermopla | stic | | The | E ermopla: | stic | | F . | | | G | | | Н | | | | C | - Oth | er | | = |
| | RING insulated/sheat cables | | cables in | | nonn | cables netallic | | it | cables i metallic tru | | r | | tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | ins | Mine sulated | erai d cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumen | ts used (se | | | | numb | ers): | | 1 . 1 | | | | | | | | | | | | 6 | | | | | | | | | |
| | unctional: | | 10 | 02267 | 394 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ty: | | | | | | | - |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| Ī | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeow | | | Positi | | | | Elect | | in | | | Sign | ature | : | | | H.J | ll. | <u> </u> | | | | Date | | | /09/2 | | |
| his for | rm is based on the m | nodel show | vn in Āļ | ppend | x 6 of | BS 7 | '671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL2 | 2409 | 09123 | 9081 | Pa | ge: 2 | 25 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 77 DB Location: 4th Floor, Room 77 Supplied from: 4th Floor Sub DB - 3L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|-----------|-------------------|----------------|------------------|---------------------------|-------------------------|------------------------|--|------------------------|--------|------------|---------------------------|-------------------------|-----------------------|---------|------------------------------|------------|-----------------------|--------------------------|----------|------------------------|-----------|-------------|------------|------------|-----------------|-----------------------|----------------------------|----------------------------|-------------------------------------|
| DB r | reference: | | Room | 1 77 C | ЭВ | | | | Loc | cation: | | 4 | th F | loor, | Room | 77 | | | Supp | olied | from | : | | 4 | 4th Fl | oor Su | ıb DI | B - 3I | _1 | | |
| Distrib | oution circuit OCPD | : BS (| EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | . 7 | T3 | N/A | N | /A N/A | 4 | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply p | olarity | ✓ | | Со | onfirn | natio | n of p | ohase | e sequenc | e | N | I/A | | · | | • | ĺ | | | | Zs at | DB: | (| 0.31 🛭 | 2 | ļį | of at | DB: | 0.76 | 5kA |
| S | SCHEDULE OF | CIRCL | JIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent p | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| ımber | Circuit des | scription | | /iring | Reference method | of rved | and | nber size | Max disconnect time permitted by BS7671 | | | 2 | (kA) | 1 Zs (Ω) | | | erating mA) | 2 | Ring | final c | ircuit | R ₁ + or | | voltage (V) | Live (MΩ) | Earth (MΩ) | tick) | (a) b | ction) | : button ration (tick) | Manual test button operation (tick) |
| Circuit number | | | | Type of wiring | Reference | Number of points serve | Live (mm ²) | cpc (mm ²) | Max disc | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test volta | Live - Liv | Live - Ea | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test buttor operation (| Manual to operation |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A Thermopla | | Thermo | plastic | | | C ermopl | | | D Thermopla | | | | E ermopla | | Thern | F | etic | Tho | G rmose | tting | | H Mine | | | | C |) - Oth | | | |
| | RING insulated/sh cables | | cable metallic | | t | | cables etallic | | it | cables metallic tru | | n | | tallic tr | | | A cable | | | WA cat | | ins | | d cable | es | | | N/A | | | |
| | DETAILS OF T | | | | | <u> </u> | | \ - | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume unctional: | ents use | u (serial | | or as 2673 | | umbe | ers): | Ţı | nsulation | resis | stance | ۹: | | | | _ | | | | | Cor | ntinui | tv. | | | | | | | |
| | electrode resistanc | æ: | | 102 | | , J - 1 | | | | arth fault | | | | nce: | | | | | | | | RCI | | -, . | | | | | | | - |
| | | | | | | | | | | a. cir radic | | | Jaul | | | | | | | | | | | | | | | | | | |
| Nam | TESTED BY Mart | in Mcke | 00/4/2 | | Е | Positio | nn: | | | Elect | ricia | n | | | Sign | ature | | | | u l | JC I | u_ | | | | Date | ٥. | 02 | /09/: | 2024 | |
| | rm is based on the | | | Appe | | | | 671: | 2018 | | | | | | Sign | iatui C | | | | ((,) | | | Ref: I | LFL20 | 02409 | 09123 | | | | | |
| | | | | | | | , | | | | | | | | | | | | | | | | | | | | | | J | | |

| DISTRIBUTION BOARD DETAILS DB reference: Room 78 DB Location: 4th Floor, Room 78 Supplied from: 4th Floor Sub DB - 3L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|------------|--------------------|----------------|------------------|----------------------------|--------------------|------------------------|--|------------------------|---------|------------|---------------------------|------------------------------------|------------------------|--------------|------------------------------|------------|-----------|-----------------------------|-------------|----------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | | Room | 78 C | В | | | | Loc | cation: | | 4 | th F | loor, | Room 7 | 78 | | | Supp | olied 1 | from | : [| | 4 | 4th Fl | oor Su | ıb DI | B - 3I | _2 | | |
| Distrib | oution circuit OCPD |): BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | . 1 | T3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply p | olarity | ✓ | | Со | onfirn | natior | n of p | hase | sequenc | e | N | I/A | | | | | | | | | Zs at | DB: | (| 0.34 | 2 | ļį | of at I | DB: | 0.69 | 7kA |
| S | CHEDULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | :D | AFDD |
| Circuit number | Circuit de | escription | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) eu | rcuit (cbc) | R1+R2 | | Test voltage (V) | Live - Live (MΩ) | Live - Earth (ΜΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermop | lastic | B Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | | F . | | | G | | | Н | | | | C | - Oth | er | | |
| | RING insulated/sl cable | | cable metallic | | | | cables etallic | | it | cables metallic tru | | n | | ables in tallic tr | | Thern /SW | nopias A cabl | | | rmoset WA cab | | in | Mine sulated | erai I cable | es | | | N/A | | | |
| | DETAILS OF T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrum unctional: | ents use | ed (serial | | or as 2673 | | umbe | ers): | т. | nsulation | rocio | tanc | ٠. | | | | | | | | | Cor | ntinui | + | | | | | | | |
| | | 201 | | 102 | 20/3 | 94 | | | | | | | | | | | | | | | | | | ty. | | | | | | | - |
| | electrode resistano | Le: | | | | | | | | arth fault | 1000 | ппр | euar | ice: | | | | | | | | RCI | J. | | | | | | | | |
| | TESTED BY | | | | | | | | | | | | | | | | | | | | 10.1 | | | | | | | | | | |
| Nam | | tin Mck | | | | Positio | | | | Elect | | n | | | Sign | ature | : | | | M.J | u | <u> </u> | | | | Date | | | /09/ | | |
| his for | rm is based on the | model s | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | _FL20 |)2409 | 09123 | 9081 | Pa | ge: 2 | 27 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 79 DB Location: 4th Floor, Room 79 Supplied from: 4th Floor Sub DB - 3L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-------------|--------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Ro | oom 79 | DB | | | | Loc | cation: | | 4 | 1th F | loor, | Room 7 | '9 | | | Supp | olied f | from: | | | 4 | 1th Fl | oor Su | b D | B - 3L | _3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | 7 | уре: | | В | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | arity | ✓ | Co | onfirn | natio | n of p | hase | sequenc | е | 1 | N/A | | | | | | | | | Zs at | DB: | (| 0.23 🛭 | 2 | I | pf at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT | DETA | ILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | luctor o | details | | (s) | Overcurr | ent p | rotecti | ve dev | /ice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| L | | | | poq | | | nber size | t time 3S7671 | | | | | (O) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | · | rtton () |
| Circuit number | Circuit descri | iption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | A | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | A | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | A | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplasti | ic The | B ermoplasti | С | Th | C ermopl | astic | | D Thermopla | stic | | The | E ermopla | stic | | F | | | G | | | Н | | | | C | o - Oth | er | | = |
| | E OF insulated/sheat RING cables | thed c | cables in allic condu | | | cables etallic | | it | cables i metallic tru | n | r | | cables in etallic tr | | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | erai d cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrument | ts used (se | | | | iumbe | ers): | т. | aculation | rocia | tanc | 0. | | | | | | | | | Com | tinui | t | | | | | | | |
| | unctional: | | 10. | 22673 | 594 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | - |
| | electrode resistance: | | | | | | | E | arth fault | loop | ımp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeowr | | | Positi | | | | Elect | | ın | | | Sign | ature | : | | | H.l | W | <u> </u> | | | | Date | | | /09/ | | |
| his for | rm is based on the m | nodel showr | n in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL2 | 2409 | 09123 | 9081 | L - Pa | ge: 2 | 28 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 80 DB Location: 4th Floor, Room 80 Supplied from: 4th Floor Sub DB - 4L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------|------------|-----------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|---------------------------|--------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Room | 80 DI | В | | | | Loc | cation: | | 4 | th F | loor, | Room 8 | 80 | | | Supp | olied f | from: | | | 4 | 4th Fl | oor Su | b D | B - 4L | .1 | | |
| Distrib | oution circuit OCPD: | BS (EN |): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: | T1 N/ | A T | 2 [| N/A | Т | 3 | N/A | N | /A N/A | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity | \checkmark | | Со | nfirm | nation | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | lį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUI | T DET | ΓAΙL | SA | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Condu | ıctor d | letails | | (s) | Overcurr | ent pi | rotectiv | /e dev | rice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| L | | | | | poq | | Nun and | nber size | st time 3S7671 | | | | | (U) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | ÷ | rtton () |
| Circuit number | Circuit descr | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplast | tic | B Thermopl | lastic | | The | C | astic | | D Thermopla | stic | | The | E ermoplas | stic | | F . | | | G | | | Н | | | | C | - Oth | er | | |
| | RING insulated/sheat cables | | cables netallic co | | | | cables etallic | | t | cables i metallic trui | | r | | tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | in | Mine sulated | rai I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumen | its used (| | | | | umbe | ers): | | 1.11 | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | - | 1022 | 20/3 | 94 | | | | nsulation | | | | | | | _ | | | | | | ntinui | ty: | | | | | | | - |
| | electrode resistance: | | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | n Mckeo | | | | ositio | | | | Electi | | in | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | | | /09/2 | | |
| his for | rm is based on the m | nodel sho | wn in A | Apper | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 29 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 81 DB Location: 4th Floor, Room 81 Supplied from: 4th Floor Sub DB - 4L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|------------|-----------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|---------------------------|--------|------------|---------------------------|-------------------------|------------------------|-------|------------------------------|------------|-----------|------------------|----------|--------------------------|------------------|------------------|------------------|--------------|-------------------------|-----------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Room | 81 DI | В | | | | Loc | cation: | | 4 | th F | loor, | Room 8 | 31 | | | Supp | olied f | rom: | | | 4 | 1th Fl | oor Su | b D | B - 4L | .2 | | |
| Distrib | oution circuit OCPD: | BS (EN |): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/ | 'Α T | 2 1 | N/A | Т | 3 | N/A | N | /A N/A | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirm | mation of supply pola | arity | \checkmark | | Со | nfirm | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | lį | of at I | OB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUI | T DET | TAIL | SA | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Condu | ıctor d | letails | | (s) | Overcurr | ent pi | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| ber | Circuit descr | ription | | bu | nethod | p | | nber size | ect time y BS7671 | | | | A) | s (Ω) | | | ting | | Ring | final ci | rcuit | R ₁ + or l | | ; (V) | (MD) | Earth (MΩ) | $\overline{\mathbf{v}}$ | (ω) | no | ick) | button ick) |
| Circuit number | | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplast | | B Thermopl | astic | | The | C ermopl | astic | | D Thermopla | stic | | The | E rmoplas | stic | Therm | F | +:- | The | G | tina | | H Mine | | | | C | - Oth | | | |
| | RING insulated/sheat cables | | cables netallic co | | | | cables etallic | | t | cables i metallic trui | | r | | ables in tallic tru | | | A cable | | | rmoset WA cab | | ins | | d cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | , | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumen functional: | its used (| | and/o 1022 | | | umbe | ers): | Tr | nsulation : | rocio | tanc | ٠. | | | | | | | | | Con | itinui | + | | | | | | | |
| | electrode resistance: | | | 1022 | .073 | 34 | | | | | | | | | | | | | | | | | | Ly. | | | | | | | |
| | | | | - | | | | | | arth fault | 100 | , шір | eudi | ice: | | | | | | | | RCI |). | | | | | | | | |
| | ESTED BY | | | | _ | .,. | | | | -1 | | | | | 6. | | | | | 111 | IC I | | | | | Б. | | 00 | 100 1 | | |
| Nam | | Mckeo | | A | | ositio | | C 7 1 | 2010 | Electi | | n | | | Sign | ature | : | | | H.J | , U | |) a f : 1 | EL 22 | 2400 | Date | | | | 2024 | |
| us tot | rm is based on the m | noaei sho | own in A | 4pper | naix | 0 01 | R2 / | ρ/I: | 7018 | +A2:202. | ۷. | | | | | | | | | | | F | ker: L | _rL2(| 12409 | 09123 | 9081 | Pag | ge: 2 | JU Of | 253 |

| | DISTRIBUTION | IBOA | RD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------|----------|-----------|----------------------|------------------|----------------------------|-------------------------|------------------------|--|------------------------|-------|------------|---------------------------|-----------------------------|------------------------|--------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|---------------------------|-------------------|-----------------|-------------------------|-------------------------|------------------------------|--|
| DB r | reference: | | Roor | n 82 [| ОВ | | | | Loc | cation: | | 4 | 1th F | loor, | Room | 82 | | | Supp | olied 1 | rom | : | | 4 | 1th Flo | oor Su | ıb D | B - 41 | L3 | | |
| Distrib | oution circuit OCPD: | BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | ٦ | уре: | : | В | Rati | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | ٦ ٦ | 3 | N/A | N | /A N/A | 4 | | | | ndicator nality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | larity | ✓ | | Co | onfirn | natio | n of p | hase | sequenc | :e | ſ | N/A | | , | | • | • | | | | Zs at | : DB: | C | 0.23 🖸 | 2 | I | pf at | DB: | 0.98 | 6kA |
| S | SCHEDULE OF (| CIRCI | UIT DI | ETAI | LS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | DETAI | | | | | | | | | | | | | | | т | EST R | ESULT I | DETAILS | s | | | | |
| | | | | | Cond | luctor o | letails | | (s) | Overcuri | ent p | rotecti | ve dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ition res | istance | | Zs | RC | CD | AFDD |
| | | | | | po | | | mber size | time 7671 | | | | | | | | | | Ring | final ci | rcuit | R ₁ + | | | | (a) | | | | | LO |
| Circuit number | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplas | stic | Thermo | 3 oplastic | | The | C ermopl | lastic | | D Thermopla | astic | | The | E ermopla | estic | | F | | | G | | | Н | | | | (| 0 - Oth | ier | | |
| TYP | PE OF insulated/she cables | | | es in | | | cables | | it | cables metallic tru | in | r | (| cables i | | | noplas A cabl | | | rmoset WA cab | | in | Mine | eral d cable | S | | | N/A | \ | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume | nts use | ed (seria | | | | umb | ers): | _ | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| Earth | electrode resistance | e: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | ne: Marti | n Mck | eown | | F | Positio | on: | | | Elect | ricia | ın | | | Sigr | nature | : | | | H.J | ll | u | | | | Date | e: | 03 | /09/ | 2024 | , |
| This for | rm is based on the i | model s | shown ir | 1 Арре | endix | 6 of | BS 7 | '671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | I - Pa | ge: 2 | 231 o | 253 |

| | DISTRIBUTION BOARD DETAILS DB reference: Room 83 DB Location: 4th Floor, Room 83 Supplied from: 4th Floor Sub DB - 5L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------------------------|----------------|------------------|----------------------------|---|------------------------|---|---------------------------------------|-------|------------|---------------------------|----------------------------------|-----------------------|--------------|------------------------------|------------|-----------|------------------------------|--------------|------|-----------------------------------|------------------|---------------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 83 D | В | | | | Lo | cation: | | 2 | lth F | loor, | Room | 83 | | | Supp | olied | from | : | | 4 | 4th Fl | oor Su | ıb DI | B - 5I | _1 | | |
| Distrib | oution circuit OCPD: BS | (EN): | | | 610 | 09 R | CD/I | RCBO |) | | 7 | уре | : | В | Rati | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | Т | 3 | N/A | N | N/A N/A | 4 | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | \checkmark | | Co | nfirn | natio | n of p | ohas | e sequenc | е | ſ | N/A | | | | | | | | | Zs a | t DB: | . (| 0.23 ⊆ | 2 | lp | of at | DB: | 0.98 | 6kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | - | | - | | | | | | | | | | Т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcuri | ent p | rotecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | | cbc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | rn (neutral) | ircuit (cbc) | | +R ₂ R ₂ | Test voltage (V) | Live - Live (M Ω) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | A S FOR Thermoplastic E OF insulated/sheathed cables | Thermol cable: metallic | s in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | ī | | E ermopla cables in | n | Thern /SW | F noplas A cabl | | | G ermose WA cal | | in | Mine sulate | eral | ·S | | O | o - Oth N/A | | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us unctional: | sea (serial | and/0 | | | umbe | ers): | | nsulation | recio | tanc | ۵. | | | | | | | | | Cor | ntinu | itv: | | | | | | | |
| | electrode resistance: | | 102 | |)J4 | | | | arth fault | | | | ice. | | | | | | | | RC | | icy. | | | | | | | - |
| | | | | | | | | | | | | Juui | | | | | | | | | | | | | | | | | | |
| Nam | ESTED BY ne: Martin Mo | keown | | P | Positio | on: | | | Elect | ricia | ın | | | Sig | nature | : | | | μ.) | W | u_ | | | | Date | e: | 03 | /09/: | 2024 | |
| his for | rm is based on the mode | | Appe | | | | 671: | 2018 | | | | | | | | | | | | | | Ref: | LFL20 | 2409 | 09123 | | | | | |

| DISTRIBUTION BOARD DETAILS DB reference: Room 84 DB Location: 4th Floor, Room 84 Supplied from: 4th Floor Sub DB - 5L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------------|-----------|----------------------|----------------|------------------|----------------------------|--------------------|------------------------|--|------------------------|--------|------------|---------------------------|------------------------------------|------------------------|--------------|------------------------------|------------|-----------|------------------|------------|------------------------|-----------------|-------------|-------------|--------------|-----------------|-------------------------|----------------------------|----------------------------|-------------------------------------|
| DB r | reference: | | Room | 84 D | В | | | | Loc | cation: | | 4 | th F | loor, | Room 8 | 34 | | | Supp | lied f | from | | | 4 | 4th Fl | oor Su | ıb DI | B - 5I | 2 | | |
| Distrib | oution circuit OCPD: | BS (EI | N): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N | I/A | T2 | N/A | . 1 | T3 | N/A | N | /A N/A | 4 | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | olarity | √ | | Со | onfirn | natior | n of p | hase | sequenc | e | N | I/A | | | | | | | | | Zs at | DB: | (| 0.23 | 2 | ļį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF | CIRCU | IT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcuri | ent pi | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| Circuit number | Circuit des | cription | | Type of wiring | Reference method | Number of points served | and | cbc (mm ²) | Max disconnect time permitted by BS7671 | (EN) | | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | (EN) | | Rated operating current (mA) | g (A) | _ | rn (neutral) pu | | R ₁ + or | | voltage (V) | · Live (MΩ) | . Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | : button ration (tick) | Manual test button operation (tick) |
| Circui | | | | Туре | Refer | Numb | Live (| cpc (r | Max c permi | BS (E | Туре | Rating | Break | Maxin permi | BS (E | Туре | Rated | Rating (A) | r1 (line) | rn (ne | r2 (cpc) | R1+R2 | R2 | Test v | Live - | Live - | Polari | Maxin meas | Disco time (| Test buttor operation (| Manu opera |
| 1 | Oven | | | А | С | 1 | 2.5 | | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermopla | stic | B Thermop | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | Th | F | | Th - | G | . : | | H | | | | C | - Oth | | | |
| | RING insulated/she cables | | cables metallic c | | t | | cables etallic | | t | cables metallic tru | | n | | ables ir tallic tr | | Thern /SW | A cable | | | rmoset NA cab | | ins | Mine sulated | d cable | es | | | N/A | • | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume functional: | ents used | • | | or as 2673 | | umbe | ers): | Tr | nsulation | racio | tanc | ٠. | | | | | | | | | Cor | itinui | tv. | | | | | | | |
| | electrode resistance | ۵. | | 102 | 20/3 |)J4 | | | | arth fault | | | | nce: | | | _ | - | | | | RCI | | cy. | | | | | | | - |
| | | | | | | | | | L, | artii lault | ΙΟΟΡ | , ппр | cual | ice. | | | | | | | | ICL | - | | | | | | | | |
| | ESTED BY | | | | | . | | | | - 1 · | | | | | C : | _1. | | | | 11:1 | 101 | u_ | | | | Б. | | 00 | 100 1 | 202 - | |
| Nam | ne: Marti rm is based on the | in Mcked | | Λ | | Position | | C71 · | 2010 | Elect | | n | | | Sign | ature | : | | | M.J | 100 | | nof: 1 | El 20 | 2400 | Date | | | | 2024 | |
| HIS TO | in is based on the | model sh | iown in | appe | HUIX | 0 01 | / כם | 0\T; | 7018 | +AZ:202 | ۷. | | | | | | | | | | | ŀ | ker: I | (| 12409 | 09123 | angl | Pa | ye: 2 | 33 OT | 253 |

| | DISTRIBUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------|----------|-------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|------------------------|-------|------------|---------------------------|-----------------------------|------------------------|--------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|---------------------------|-------------------|-----------------|-------------------------|-------------------------|------------------------------|--|
| DB r | reference: | | Roon | n 85 C | В | | | | Loc | cation: | | 4 | 1th F | loor, | Room | 85 | | | Supp | olied 1 | rom | : | | 4 | 1th Flo | oor Su | ıb D | B - 51 | L3 | | |
| Distrib | oution circuit OCPD: | BS (I | EN): | | | 610 | 09 R | CD/F | RCBC |) | | ٦ | уре: | : | В | Rati | ng/S | ettir | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | , т | 3 | N/A | N | /A N/A | 4 | | | | ndicator nality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | larity | ✓ | | Co | onfirn | natio | n of p | hase | sequenc | e | ľ | N/A | | , | | • | • | | | | Zs at | : DB: | C | 0.23 🖸 | 2 | I | pf at | DB: | 0.98 | 6kA |
| S | SCHEDULE OF (| CIRCL | JIT DE | TAI | LS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | DETAI | | | | | | | | | | | | | | | т | EST R | ESULT I | DETAILS | S | | | | |
| | | | | | Cond | luctor c | letails | | (s) | Overcuri | ent p | rotecti | ve dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ition res | istance | | Zs | RC | CD | AFDD |
| | | | | | pc | | | nber size | time 7671 | | | | | | | | | | Ring | final ci | rcuit | R ₁ + | | | | | | | | | uo: |
| Circuit number | Circuit desc | cription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (M Ω) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplas | stic | Thermo | | | The | C ermopl | lastic | | D Thermopla | astic | | The | E ermopla | estic | | F | | | G | | | Н | | | | (| 0 - Oth | ier | | |
| TYP | PE OF insulated/she cables | | cable metallic | es in | | | ables | | it | cables metallic tru | in | r | (| cables i | | | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | eral d cable | S | | | N/A | ١ | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume | nts use | d (serial | | | | umb | ers): | - | | | | | | | | | | | | | _ | | | | | | | | | |
| | unctional: | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui | ty: | | | | | | | |
| | electrode resistance | 2: | | | | | | | E | arth fault | loop | imp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | n Mcke | | | | Positio | | | | Elect | | ın | | | Sigr | nature | : | | | H.J | ll | u | | | | Date | | | /09/ | | |
| This for | rm is based on the i | model s | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | L - Pa | ge: 2 | 234 o | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 86 DB Location: 4th Floor, Room 86 Supplied from: 4th Floor Sub DB - 6L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------|--------------|-------------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|----------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Ro | om 86 | DB | | | | Loc | cation: | | 4 | th F | loor, | Room 8 | 86 | | | Supp | olied f | rom: | | | 4 | 4th Fl | oor Su | b D | B - 6L | .1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : [| 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A N/A | \ | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity | √ | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | I | pf at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT I | DETA | ILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | luctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| L | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | · | rtton () |
| Circuit number | Circuit descri | ption | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplasti | ic The | B ermoplasti | c | Th | C ermopl | astic | | D Thermopla | stic | | The | E rmopla: | stic | | F . | | | G | | | H | | | | C | O - Oth | er | | |
| | E OF insulated/sheat cables | | ables in allic condu | it | | cables etallic | | it | cables i metallic tru | | r | | ables in | | Therm /SWA | a cabl | | | rmoset WA cab | | in | Mine sulated | rai I cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | nils of test instrument | ts used (ser | | | | iumbe | ers): | | 1 | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | 102 | 22673 | 394 | | | | nsulation | | | | | | | - | | | | | | ntinui - | ty: | | | | | | | _ |
| | electrode resistance: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | Mckeown | | | Positi | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | | | /09/: | | |
| his for | rm is based on the m | odel shown | n in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | L - Pa | ge: 2 | 35 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 87 DB Location: 4th Floor, Room 87 Supplied from: 4th Floor Sub DB - 6L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------|-----------------------|----------------|------------------|----------------------------|-------------------------|------------------------|--|---------------------------|--------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | | Room | 87 D | В | | | | Loc | cation: | | 4 | th F | loor, | Room 8 | 37 | | | Supp | olied f | rom: | | | 4 | 1th Fl | oor Su | b D | B - 6L | .2 | | |
| Distrib | oution circuit OCPD: | BS (EN | l): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/ | /A T | Γ2 | N/A | Т | 3 | N/A | N | /A N/A | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pol | arity | \checkmark | | Со | nfirm | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | lį | of at I | OB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUI | T DET | ΓΑΙΙ | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Cond | uctor d | etails | | (s) | Overcurr | ent pi | rotectiv | /e dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| L | | | | | poq | | Nun and | nber size | st time 3S7671 | | | | | (U) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | ÷ | rtton () |
| Circuit number | Circuit descr | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermoplast | tic | B Thermopl | lastic | | The | C | astic | | D Thermopla | stic | | The | E ermoplas | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| | RING insulated/shear | | cables netallic co | | | | ables etallic | | t | cables i metallic trui | | r | | tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | ins | Mine | rai I cable | s | | | N/A | | | |
| | DETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrumen | its used (| - | | | | umbe | ers): | | 1.11 | | | | | | | | | | | | • | | | | | | | | | |
| | unctional: | | | 1022 | 26/3 | 94 | | | | nsulation | | | | | | | - | | | | | | itinui | ty: | | | | | | | _ |
| | electrode resistance: | | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | n Mckeo | | | | ositio | | | | Elect | | ın | | | Signa | ature | : | | | H.J | ll | | | | | Date | | | /09/2 | | |
| his for | rm is based on the m | nodel sho | own in A | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 36 of | 253 |

| | DISTRIBUTION BOARD DETAILS DB reference: Room 88 DB Location: 4th Floor, Room 88 Supplied from: 4th Floor Sub DB - 6L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|-------------------------------|----------------|------------------|----------------------------|---|------------------------|---|---------------------------------------|--------|------------|---------------------------|----------------------------------|-----------------------|--------------|------------------------------|------------|-----------------------|------------------------------|--------------|------|-----------------------------------|------------------|------------------|----------------------------|-----------------|--------------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Room | 88 D | В | | | | Lo | cation: | | 2 | lth F | loor, | Room | 88 | | | Supp | olied | from | : | | 4 | 4th Fl | oor Su | ıb DI | 3 - 61 | _3 | | |
| Distrib | oution circuit OCPD: BS | (EN): | | | 610 | 09 R | CD/I | RCBO |) | | Т | уре | : | В | Rati | ng/S | ettir | ng: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: T1 | N/A | T2 | N/A | Т | 3 | N/A | N | N/A N/A | | | | | ndicator ality ind | | | | | N/ | 4 | | | | | | | | | | |
| Confir | mation of supply polarity | ✓ | | Co | nfirn | natio | n of p | ohas | e sequenc | е | 1 | N/A | | | | | | | | | Zs a | t DB: | . (| 0.23 ⊆ | 2 | Ιŗ | of at | DB: | 0.98 | 6kA |
| S | CHEDULE OF CIRC | CUIT DE | TAI | LS / | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | 1 | EST R | ESULT | DETAIL | S | | | | |
| | | | | Cond | uctor c | letails | | (s) | Overcur | ent pi | otecti | ve de | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| Circuit number | Circuit description | | Type of wiring | Reference method | Number of points served | | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (Ω) | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | rn (neutral) | ircuit (cbc) | | +R ₂ R ₂ | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYP | A S FOR Thermoplastic E OF insulated/sheathed RING cables | Thermol cable: metallic | s in | | | C ermopl cables etallic | in | it | Thermopla cables i metallic tru | n | r | | E ermopla cables in | n | Thern /SW | F noplas A cabl | | | G ermose WA cal | | in | Mine sulate | eral | ·S | | O | o - Oth N/A | | | |
| | DETAILS OF TEST I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instruments us unctional: | sea (serial | 1022 | | | umbe | ers): | | nsulation | resis | tanc | e: | | | | | | | | | Cou | ntinu | itv: | | | | | | | |
| | electrode resistance: | | 102 | | ,,, | | | | arth fault | | | | nce: | | | | | | | | RC | | icy . | | | | | | | = |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | keown | | P | ositio | on: | | | Elect | ricia | n | | | Sig | nature | : | | | μ.) | w | u | | | | Date | e: | 03 | /09/: | 2024 | |
| his for | rm is based on the mode | l shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | | Ref: | LFL2(| 2409 | 09123 | 9081 | | | | |

| DISTRIBUTION BOARD DETAILS DB reference: Room 89 DB Location: 4th Floor, Room 89 Supplied from: 4th Floor Sub DB - 7L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|------------|-------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|------------------------|---------|------------|---------------------------|----------------------------|-----------------------|--------------|------------------------------|------------|-----------|--------------------------|------------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Room | า 89 🏻 | В | | | | Loc | cation: | | 4 | th F | loor, | Room 8 | 39 | | | Supp | lied | from | | | 4 | 4th Fl | oor Su | ıb DI | B - 7l | .1 | | |
| Distrib | oution circuit OCP | D: BS | (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | 7 | 73 | N/A | N | /A N/A | 4 | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply | polarity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | N | I/A | | · | | • | ĺ | | | | Zs at | DB: | (|).23 <u>c</u> | 2 | ļį | of at | DB: | 0.98 | 6kA |
| S | CHEDULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | S | | | | |
| | | | | | Cond | uctor o | letails | | (s) | Overcuri | rent pr | rotectiv | /e dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | | poq | | | nber size | t time \$57671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | 0 | <u> </u> | (បា | | | | | itton) |
| Circuit number | Circuit d | escription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (s | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | \checkmark | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contacto | r | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermo | olastic | B Thermo | | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | Th | F | | Th. | G | . : | | H | | | | C | - Oth | | | |
| | RING insulated/s | | cable metallic | | t | | cables etallic | | t | cables metallic tru | | n | | ables ir tallic tr | | Thern /SW | nopias A cabl | | | rmoset NA cab | | ins | Mine sulated | erai I cable | s | | | N/A | | | |
| | DETAILS OF 1 | | | | | | | , | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrun unctional: | nents use | ed (serial | | or as 2673 | | umbe | ers): | т, | nsulation | rocio | tanc | ٠. | | | | | | | | | Cor | itinui | + | | | | | | | |
| | electrode resistar | .co. | | 102 | 20/3 | 934 | | | | arth fault | | | | 0001 | | | | | | | | RCI | | Ly. | | | | | | | - |
| | | ice. | | | | | | | | artii lault | 100μ | , шір | eual | ice. | | | _ | | | | | KCI | · . | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | 10.4 | | | | | | | | | | |
| Nam | | rtin Mck | | | | Positio | | | | Elect | | n | | | Sign | ature | : | | | H.J | ICC. | <u> </u> | | | | Date | | | | 2024 | |
| his for | rm is based on th | e model | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | _FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 38 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 90 DB Location: 4th Floor, Room 90 Supplied from: 4th Floor Sub DB - 7L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|-------------|-------------------------|---------------------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | R | oom 90 | 0 DB | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 0 | | | Supp | olied f | rom: | | | 4 | 1th Fl | oor Su | b D | B - 7L | _2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | : | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | ٠ | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity | \checkmark | C | onfirr | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | Iį | pf at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT | DET/ | AILS | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIF | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Con | ductor | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D. | AFDD |
| L | | | | poq | | and | nber size | t time 3S7671 | | | | | (_O) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | · | utton () |
| Circuit number | Circuit descri | iption | - | Type of wiring Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | A | A C | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | 4 C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | 4 C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | A | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | A | A C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | 4 C | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplast | ic Th | B nermoplas | stic | Th | C ermopl | astic | | D Thermopla | stic | | The | E ermopla: | stic | - , | F | | | G | | | Н | | | | (|) - Oth | er | | |
| TYPI WIR | | | cables in tallic con | | | cables etallic | | it | cables i metallic tru | | r | | tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | ins | Mine | rai I cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrumen | ts used (se | | | | numb | ers): | т. | nsulation | rocia | tanc | ٠. | | | | | | | | | Con | itinui | + | | | | | | | |
| | unctional: | | 10 | 02267 | 394 | | | | | | | | | | | | | | | | | | ty: | | | | | | | |
| | electrode resistance: | | | | | | | Е | arth fault | 100 | ımp | eaar | ice: | | | | | | | | RCI |): | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| Nam | | Mckeow | | | Positi | | | | Elect | | ın | | | Sign | ature | : | | | H.J | III. | | | | | Date | | | /09/ | | |
| his for | m is based on the m | nodel show | n in Ap | pendi | < 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | _FL20 | 2409 | 09123 | 9081 | L - Pa | ge: 2 | 39 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 91 DB Location: 4th Floor, Room 91 Supplied from: 4th Floor Sub DB - 7L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|-------------------------|------------------------|---------------|------------------------------|------------|-----------|------------------|------------|------------------------|--------|------------------|------------------|-------------------|-----------------|------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | Roo | m 91 [| ОВ | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 1 | | | Supp | olied f | from: | | | 4 | 1th Fl | oor Su | b D | B - 7L | _3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply pola | rity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | Iį | pf at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT D | ETAI | LS | AND | TE | ST | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | uctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | :D | AFDD |
| per | Circuit descri | ption | of wiring | nethod | 9 | | nber size | ect time y BS7671 | | | | () | s (Ω) | | | ting | | Ring | final ci | rcuit | R ₁ + or | | (V) | MΩ) | (MΩ) | ⊽ | (σ) | E. | ick) | button ick) |
| Circuit numl | Stribution circuit OCPD: BS (EN): PD Details: Types: T1 N/A Infirmation of supply polarity SCHEDULE OF CIRCUIT Circuit description Circuit description 1 Oven 2 Room Sockets 3 Fridge 4 Heater 5 Hob & Extractor 6 Lights & Contactor 7 Spare 8 Spare 9 Time Clock CODES FOR Thermoplastic insulated/sheathed | | | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (9 | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | А | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | | c Therr | B noplastic | | The | C ermopl | astic | | D Thermopla | astic | | The | E ermopla: | stic | Th | F | | Th. | G | . : | | H | | | | C |) - Oth | | | |
| | | | oles in ic condui | t | | cables etallic | | it | cables i metallic tru | | r | | tallic tr | | Therm /SWA | A cabl | | | rmoset WA cab | | ins | Mine | cable | s | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | s used (seri | | or as 2673 | | iumbe | ers): | т. | nsulation | rocia | tanc | ٠. | | | | | | | | | Con | itinui | + | | | | | | | |
| | | | 102 | .20/3 | 94 | | | | | | | | | | | | | | | | | | ty. | | | | | | | |
| | | | | | | | | | arth fault | 100 | д ппр | euar | ice: | | | | | | | | RCI |): | | | | | | | | |
| | _ | | | | | | | | | | | | | | | | | | .7111 | 10.1 | | | | | | | | / · | | |
| Nam | | Mckeown | | | Positio | | | 2012 | Elect | | ın | | | Sign | ature | : | | | H.J | M | | | FLOO | 22.402 | Date | | | /09/ | | |
| IIS TO | rm is based on the m | odei snown | ın Appe | enaix | 0 01 | R2 / | σ/1: | Z018 | +AZ:202 | ۷. | | | | | | | | | | | F | ker: L | _rL2(| 12409 | 09123 | 9U8] | L - Pa | ye: 2 | 40 01 | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 92 DB Location: 4th Floor, Room 92 Supplied from: 4th Floor Sub DB - 8L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Roc | om 92 l | DB | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 2 | | | Supp | olied 1 | from | : [| | 4 | 1th Fl | oor Su | b D | B - 8L | .1 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/I | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A √ | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity • | | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.23 🛭 | 2 | lį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT D | DETA: | ILS A | AND | TE | STI | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | luctor o | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D / | AFDD |
| L | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | ଚ | utton () |
| Circuit numbe | Stribution circuit OCPD: BS (EN): DD Details: Types: T1 N/A Infirmation of supply polarity SCHEDULE OF CIRCUIT Circuit description Circuit description 1 Oven 2 Room Sockets 3 Fridge 4 Heater 5 Hob & Extractor 6 Lights & Contactor 7 Spare 8 Spare 9 Time Clock CODES FOR Thermoplastic insulated/sheathed contactor Type OF Type OF Thermoplastic insulated/sheathed contactor Thermoplastic insulated/sheathed contactor | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | | c Ther | B moplastic | : | Th | C ermopl | astic | | D Thermopla | stic | | The | E ermopla: | stic | | F . | | | G | | | Н | | | | C | - Oth | er | | = |
| | E OF insulated/sheat | hed ca | bles in lic condu | | | cables etallic | | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | erai d cable | s | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ts used (ser | | | | iumbe | ers): | | | | . . | | | | | | | | | | C- | Ale · | L | | | | | | | |
| | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | | | | | | | itinui | ty: | | | | | | | |
| | | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Positi | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | u | | | | Date | | | /09/2 | | |
| his for | m is based on the m | odel shown | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 41 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 93 DB Location: 4th Floor, Room 93 Supplied from: 4th Floor Sub DB - 8L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|--------------|--------------------------|----------------|------------------|---------------|-------------------------|------------------------|--|------------------------|---------|------------|---------------------------|-------------------------|-----------------------|--------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| DB r | reference: | R | Room 9 | 3 DB | 1 | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 93 | | | Supp | lied 1 | from | | | 4 | 4th Fl | oor Su | ıb Di | B - 8I | _2 | | |
| Distrib | oution circuit OCPD: | BS (EN): | : | | 6 | 1009 | 9 RC | D/F | CBC |) | | Т | ype: | | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | A T2 | 2 N | I/A | Т3 | N | I/A | N | /A √ | • | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | olarity | ✓ | | Con | firma | tion | of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | (|).23 <u>c</u> | 2 | lį | of at | DB: | 0.98 | 6kA |
| S | CHEDULE OF | CIRCUIT | DET | AIL: | S AI | ND T | ΓES | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIRCL | JIT D | ETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | С | Conduc | or det | ails | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D . | AFDD |
| ē | Circuit des | cription | | D | ethod | | Numl and s | ber size | ect time BS7671 | | | | | (O) | | | ing | | Ring | final ci | rcuit | R ₁ + | | 3 | ٩Ω) | (MΩ) | _ | (a) | | (8) | button ck) |
| Circuit number | Circuit des | СПриоп | | Type of wiring | Reference method | points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Type | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | \checkmark | 0.40 | | | |
| 2 | Room Sockets | | | А | С | 4 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | \checkmark | 0.39 | | | |
| 4 | Heater | | | А | С | 2 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | \checkmark | 0.36 | | | |
| 6 | Lights & Contactor | | | А | С | 9 1 | L.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | - | . | . | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | - | - | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermopla | istic Th | B hermopla | stic | | Thern | C nopla: | stic | | D Thermopla | astic | | The | E ermopla | stic | | F . | | | G | | | Н | | | | C |) - Oth | er | | |
| | RING insulated/she cables | | cables ir etallic con | | no | cat onmeta | oles in | | t | cables metallic tru | | r | | ables ir tallic tr | | Thern /SW | nopias A cabl | | | rmoset NA cab | | ins | Mine sulated | erai I cable | s | | | N/A | | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume unctional: | ents usea (s | | nd/or .0226 | | | ושמה | rs): | Tr | sulation | recic | tanc | ۵٠ | | | | | | | | | Cor | itinui | tv. | | | | | | | |
| | electrode resistance | 2: | 1 | .022(| | 7 | | | | arth fault | | | | nce: | | | | | | | | RCI | | cy. | | | | | | | - |
| | TESTED BY | | | | | | | | | | | م | | | | | | | | | | | | | | | | | | | |
| Nam | | in Mckeow | /n | | Pos | sition | : | | | Elect | ricia | ın | | | Sign | ature | : | | | H.J | lu | <u> </u> | | | | Date | e: | 03 | /09/: | 2024 | |
| his for | rm is based on the | | | ppen | dix 6 | of B | S 76 | 71: | 2018 | | | | | | | | | | | | | F | Ref: L | FL20 | 2409 | 09123 | 9081 | | | | |

| DISTRIBUTION BOARD DETAILS DB reference: Room 94 DB Location: 4th Floor, Room 94 Supplied from: 4th Floor Sub DB - 8L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------------|--------------|--------------------------|------------------|-------------------------|-------------------------|------------------------|--|------------------------|---------|------------|---------------------------|----------------------------|-----------------------|--------------|------------------------------|------------|-----------|--------------------------|-------------|--------------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | Ro | oom 94 | 4 DB | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 94 | | | Supp | lied 1 | from | | | 4 | 4th Fl | oor Su | ıb DI | B - 8L | .3 | | |
| Distrib | oution circuit OCPD: | BS (EN): | | | 610 | 009 R | CD/F | RCBC |) | | Т | ype: | 1 | В | Rati | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/ | Α . | Т3 | N/A | N | /A √ | • | | | | ndicator ality ind | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | olarity | ✓ | (| Confirm | natio | n of p | hase | e sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.23 | 2 | ļį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF | CIRCUIT | DET/ | AILS | AND |) TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIF | RCUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | Cor | ductor | details | | (s) | Overcuri | rent pi | rotectiv | /e dev | vice | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D A | AFDD |
| | | | | pod | | | nber size | t time S7671 | | | | | (_O) | | | 6 | | Ring | final ci | rcuit | R ₁ + or l | | 0 | <u> </u> | (a) | | | | | tton) |
| Circuit number | Circuit des | cription | · | Type of wiring | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | 1 | 4 C | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | \checkmark | 0.40 | | | |
| 2 | Room Sockets | | A | A C | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | A | 4 C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | A | 4 C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | A | 4 C | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | A | A C | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A Thermopla | stic The | B ermoplas | stic | Th | C ermopl | astic | | D Thermopla | astic | | The | E ermopla | stic | - | F | | | G | | | Н | | | | C | - Oth | er | | |
| | RING insulated/she cables | | cables in tallic cond | | | cables netallic | | it | cables metallic tru | | r | | ables ir tallic tr | | Thern /SW | nopias A cabl | | | rmoset NA cab | | ins | Mine sulated | erai I cable | es | | | N/A | | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume functional: | nts used (se | | id/or a 02267 | | numb | ers): | Ţ. | nsulation | recie | tanc | ٠. | | | | | | | | | Cor | itinui | tv. | | | | | | | |
| | electrode resistance | ۵٠ | 1(| JZZ01 | 334 | | | | arth fault | | | | nca: | | | _ | | | | | RCI | | Ly. | | | | | | | - |
| | | | | | | | | | artii lault | . ιουμ | , iiiip | cual | ice. | | | | | | | | KCL | | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | 71:1 | 10.1 | | | | | | | | , · | | |
| Nam | | in Mckeowi | | | Positi | | | | Elect | | n | | | Sign | ature | : | | | M.J | <i>I</i> II | <u></u> | | | | Date | | | | 2024 | |
| his for | rm is based on the | model show | n in Ap | pendi | x 6 of | BS 7 | 671: | 2018 | 3+A2:202 | 2. | | | | | | | | | | | F | Ref: l | _FL2(|)2409 | 09123 | 9081 | Pa | ge: 2 | 43 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 95 DB Location: 4th Floor, Room 95 Supplied from: 4th Floor Sub DB - 9L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------|------------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|---------------------------|--------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | ı | Room 9 | 95 DE | В | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 5 | | | Supp | olied f | rom: | | | 4 | 1th Fl | oor Su | b D | B - 9L | .1 | | |
| Distrib | ution circuit OCPD: | BS (EN) |): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD De | etails: Types: | T1 N/ | A T. | 2 1 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirn | mation of supply pol | arity | \checkmark | | Со | nfirm | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | lį | of at I | OB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT | Γ DET | AIL | SA | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Condu | ıctor d | letails | | (s) | Overcurr | ent pi | rotectiv | /e dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| _ | | | | | poq | | Nun and | nber size | st time 3S7671 | | | | | (U) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | ç | utton () |
| Circuit numbe | DB reference: Roc istribution circuit OCPD: BS (EN): PD Details: Types: T1 N/A confirmation of supply polarity SCHEDULE OF CIRCUIT D Circuit description Circuit description 1 Oven 2 Room Sockets 3 Fridge 4 Heater 5 Hob & Extractor 6 Lights & Contactor 7 Spare 8 Spare 9 Time Clock CODES FOR Thermoplastic insulated/sheathed ca | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODES | | tic T | B Thermopla | astic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermoplas | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYPE | E OF insulated/shea | thed | cables i etallic co | in | | (| cables etallic | in | t | cables i metallic trui | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine | eral I cable | s | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | its used (s | | | | | umbe | ers): | т. | aulation : | rocio | tana | | | | | | | | | | Con | +ini | + | | | | | | | |
| | | | _ | 1022 | 6/3 | 94 | | | | nsulation | | | | | | | _ | | | | | | itinui | ty: | | | | | | | |
| | | | | - | | | | | E | arth fault | 1000 | ımp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | ositio | | | | Elect | | in | | | Sign | ature | : | | | H.J | W | | | | | Date | | | | 2024 | |
| his for | m is based on the m | nodel sho | wn in A | Apper | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 091239 | 9081 | Pa | ge: 2 | 44 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 96 DB Location: 4th Floor, Room 96 Supplied from: 4th Floor Sub DB - 9L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------|-------------|------------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|---------------------------|--------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | ı | Room 9 | 96 DE | В | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 6 | | | Supp | olied f | rom: | | | 4 | 1th Fl | oor Su | b DI | B - 9L | .2 | | |
| Distrib | ution circuit OCPD: | BS (EN) |): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | A T: | 2 N | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator of ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pol | arity | ✓ | | Co | nfirm | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | ļį | of at I | OB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT | Γ DET | AIL | SA | ND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | (| Condu | ıctor d | etails | | (s) | Overcurr | ent pi | rotectiv | /e dev | rice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| L | | | | | poq | | Nun and | nber size | st time 3S7671 | | | | | (U) | | | <u>g</u> í | | Ring | final ci | rcuit | R ₁ + | | S | (c | (۵) | | | | ç | utton () |
| Circuit number | Circuit descr | ription | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplast | tic T | B Thermopla | astic | | The | C ermopla | astic | | D Thermopla | stic | | The | E rmoplas | stic | | F . | | | G | | | Н | | | | C | - Oth | er | | |
| TYPI WIR | | thed | cables i etallic co | in | | | ables etallic | | t | cables i metallic trui | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine | erai I cable | s | | | N/A | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrumen | its used (s | | | | | umbe | ers): | т. | nsulation : | rocia | tanc | ٠. | | | | | | | | | Con | tinu | + | | | | | | | |
| | unctional: | | J | 1022 | 3/0 | 94 | | | | | | | | | | | - | | | | | | itinui | ty: | | | | | | | - |
| | electrode resistance: | | | | | | | | E | arth fault | 100 | imp | eaar | ice: | | | | | | | | RCI |): | | | | | | | | |
| I | ESTED BY | | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| Nam | | n Mckeov | | | | ositio | | | | Electi | | ın | | | Signa | ature | : | | | H.J | ICL. | | | | | Date | | | | 2024 | |
| his for | m is based on the m | nodel show | wn in A | Apper | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | _FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 45 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 97 DB Location: 4th Floor, Room 97 Supplied from: 4th Floor Sub DB - 9L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|------------|-----------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|---------------------------|--------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|--------------------------|--------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Room | 97 DI | В | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 7 | | | Supp | olied f | rom: | | | 4 | 1th Fl | oor Su | b DI | B - 9L | .3 | | |
| Distrib | ution circuit OCPD: | BS (EN | 1): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N | /А т | T2 | N/A | Т | 3 | N/A | N | /A 🗸 | | | | | ndicator of ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pol | arity | \checkmark | | Со | nfirm | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | ļį | of at I | OB: | 0.98 | 6kA |
| S | CHEDULE OF C | CIRCUI | T DE | ΓAΙL | SA | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | | Condu | ıctor d | letails | | (s) | Overcurr | ent pi | rotectiv | /e dev | ice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| L | | | | | thod | | Nun and | nber size | st time 3S7671 | | | | | (D) | | | <u></u> 6 | | Ring | final ci | rcuit | R ₁ + or l | | <u>Ş</u> | (a | (Q) | | | | Solution | utton () |
| Circuit numbe | DB reference: Roc istribution circuit OCPD: BS (EN): PD Details: Types: T1 N/A confirmation of supply polarity SCHEDULE OF CIRCUIT D Circuit description Circuit description 1 Oven 2 Room Sockets 3 Fridge 4 Heater 5 Hob & Extractor 6 Lights & Contactor 7 Spare 8 Spare 9 Time Clock CODES FOR Thermoplastic insulated/sheathed ca | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | | tic | B Thermopl | lastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E rmoplas | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/shea | thed | cables metallic co | in | | (| cables etallic | in | t | cables i metallic trui | n | r | C | ables in tallic tru | | Therm /SWA | noplas A cable | | | rmoset WA cab | | ins | Mine | eral I cable | s | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | its usea (| - | | | | umbe | ers): | Tr | nsulation : | rocio | tanc | ٠. | | | | | | | | | Con | itinui | + | | | | | | | |
| | | | | 1022 | .0/3 | <i>5</i> 4 | | | | | | | | | | | | | | | | | | cy. | | | | | | | _ |
| | | - | | | | | | | E | arth fault | 100 | ımp | euar | ice: | | | _ | | | | | RCI |): | | | | | | | | |
| | _ | | | | | | | | | | | | | | | | | | | | 10.1 | | | | | | | | | | |
| | | | | | | ositio | | | | Electi | | n | | | Signa | ature | : | | | H.J | M | | | | | Date | | | | 2024 | |
| his for | m is based on the n | nodel sho | own in A | Apper | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: L | _FL20 | 2409 | 091239 | 9081 | Pa | ge: 2 | 46 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 98 DB Location: 4th Floor, Room 98 Supplied from: 4th Floor Sub DB - 10L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-----------|---------------------|----------------|------------------|---------------------------|-------------------------|------------------------|--|------------------------|---------|------------|---------------------------|-------------------------|------------------------|-------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------|-------------|-----------|------------|-----------------|-----------------------|-------------------------|----------------------------|-------------------------------------|
| DB r | reference: | | Room | 98 0 | В | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 98 | | | Supp | olied 1 | from | : | | 4 | th Flo | or Su | b DB | 3 - 10 | L1 | | |
| Distrib | oution circuit OCPD: | : BS (E | ≣N): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | 1 | 3 | Ratii | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | . 1 | T3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply po | olarity | √ | | Со | onfirn | natior | n of p | hase | sequenc | e | N | I/A | | | | | | | | | Zs at | DB: | (| 0.23 ⊆ | 2 | ļį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF | CIRCU | JIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAIL | s | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcuri | rent pi | rotectiv | /e dev | rice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| ıumber | Circuit des | scription | | wiring | Reference method | of erved | and | nber size | Max disconnect time permitted by BS7671 | | | A) | (KA) | m ed Zs (Ω) | | | perating (mA) | (A | | final ci | | R ₁ + | | voltage (V) | Live (MΩ) | Earth (MΩ) | (tick) | m (Ω) pa | ection s) | : button ration (tick) | Manual test button operation (tick) |
| Circuit number | | | | Type of wiring | Reference | Number of points serve | Live (mm ²) | cpc (mm ²) | Max disc permitte | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test volt | Live - Li | Live - Ea | Polarity (tick) | Maximum measured (| Disconnection time (ms) | Test buttor operation (| Manual t operatio |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | A Thermopla | | B Thermor | plastic | | | C ermopl | | | D Thermopla | | | The | E rmopla | stic | Thern | F | tic | Tho | G rmoset | tting | | H Mine | | | | C |) - Oth | | | |
| | RING insulated/she cables | | cables metallic | | | | cables etallic | | it | cables metallic tru | | n | | tallic tr | | | A cable | | | WA cat | | ins | | d cable | es | | | N/A | • | | |
| | DETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ails of test instrume unctional: | ents used | d (serial | | or as 2673 | | umbe | ers): | Tr | nsulation | racio | tanc | ٠. | | | | | | | | | Cor | ntinui | itv | | | | | | | |
| | electrode resistance | ٥. | | 102 | 2073 |) 4 | | | | arth fault | | | | nca: | | | | | | | | RCI | | icy. | | | | | | | |
| | | C. | | | | | | | | artii lault | ΙΟυμ | , ппр | cual | ice. | | | | | | | | INCL | | | | | | | | | |
| | TESTED BY | N 4 - I | | | |)~ ~ !+' | | | | F1. • | | | | | C:- | a.b | | | | 11:1 | IC I | u_ | | | | D=2 | | 00 | 100.1 | 2024 | |
| Nam | ne: Mart rm is based on the | in Mcke | | A r. r | | Position | | C71 · | 2010 | Elect | | n | | | Sign | ature | | | | M. 1 | ~~~ | | nof: 1 | LELDO | 2400 | Date | | | | 2024 | |
| HIS TO | iii is based on the | model s | HOWN IN | Appe | HUIX | 0 01 | / כם | 0\T; | Z018 | +AZ:202 | ۷. | | | | | | | | | | | ŀ | ker: I | LFL2(| 12409 | 09123 | angl | Pa | ye: 2 | 4/ OT | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 99 DB Location: 4th Floor, Room 99 Supplied from: 4th Floor Sub DB - 10L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------|-----------------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|-------|------------|---------------------------|---------------------------|------------------------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| DB r | reference: | Roc | m 99 I | DB | | | | Loc | cation: | | 4 | th F | loor, | Room 9 | 9 | | | Supp | olied f | rom: | | | 4 | th Flo | or Sul | o DE | 3 - 10 | L2 | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | ı | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | . 7 | Г3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confirr | mation of supply pola | arity 🗸 | | Co | onfirn | natio | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | (| 0.23 🛭 | 2 | lį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF C | IRCUIT D | ETAI | ILS A | AND | TE | ST I | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | | | Cond | luctor c | details | | (s) | Overcurr | ent p | rotectiv | /e dev | vice | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | sistance | | Zs | RC | D , | AFDD |
| L | | | | poq | | | nber size | t time 3S7671 | | | | | (_O) | | | 61 | | Ring | final ci | rcuit | R ₁ + | | S | (2 | (a) | | | | ÷ | utton () |
| Circuit numbe | Stribution circuit OCPD: BS (EN): PD Details: Types: T1 N/A Infirmation of supply polarity SCHEDULE OF CIRCUIT Circuit description 1 Oven 2 Room Sockets 3 Fridge 4 Heater 5 Hob & Extractor 6 Lights & Contactor 7 Spare 8 Spare 9 Time Clock CODES FOR Type OF Thermoplastic insulated/sheathed Code Stribution Circuit OCPD: BS (EN): N/A Circuit description Circuit description Thermoplastic insulated/sheathed Thermoplastic insulated/sheathed | | | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (| BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | А | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | А | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | А | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | | c Therr | B noplastic | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermopla: | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| | | | bles in ic condui | it | | cables etallic | | it | cables i metallic tru | | r | | tallic tr | | Therm /SWA | a cabl | | | rmoset WA cab | | ins | Mine sulated | erai d cable | s | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ts used (seri | | | | iumbe | ers): | т. | | | | | | | | | | | | | C | | | | | | | | | |
| | | | 102 | 2673 | 394 | | | | nsulation | | | | | | | | | | | | | itinui | ty: | | | | | | | |
| | | | | | | | | E | arth fault | loop | imp | edar | nce: | | | - | | | | | RCI |): | | | | | | | | |
| I | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | ll | <u> </u> | | | | Date | | | /09/2 | | |
| his for | rm is based on the m | odel shown | in App | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | LFL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 48 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 100 DB Location: 4th Floor, Room 100 Supplied from: 4th Floor Sub DB - 10L3 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------|----------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|--------|------------|---------------------------|----------------------------|---------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|------------------|----------------------------|-------------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Room | 100 [| ОВ | | | | Loc | cation: | | 4 | th Fl | oor, F | Room 10 | 00 | | | Supp | olied f | from: | | | 4 | th Flo | or Sul | b DB | 3 - 10 | L3 | | |
| Distrib | oution circuit OCPD | : BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratir | ng/S | ettin | g: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | N/A | T2 | N/A | Т | -3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | | |
| Confirr | mation of supply p | olarity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 ⊆ | 2 | Į | of at I | OB: | 0.98 | 6kA |
| S | CHEDULE OF | CIRCL | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcurr | ent pi | rotectiv | /e dev | vice . | | RCD | | | | Cont | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| | | | | | poq | | Nun and | nber size | t time S7671 | | | | | (U) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | 0 | (2 | (a | | | | | tton) |
| Circuit number | DB reference: Room stribution circuit OCPD: BS (EN): PD Details: Types: T1 N/A confirmation of supply polarity SCHEDULE OF CIRCUIT Circuit description 1 Oven 2 Room Sockets 3 Fridge 4 Heater 5 Hob & Extractor 6 Lights & Contactor 7 Spare 8 Spare 9 Time Clock CODES FOR TYPE OF Thermoplastic insulated/sheathed contactor Thermoplastic insulated/sheathed contactor | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | | astic | B Thermor | | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermoplas | stic | | F . | | | G | | | Н | | | | C | - Oth | er | | |
| | E OF insulated/sh | eathed | cables metallic o | s in | | | cables etallic | | it | cables i metallic tru | n | r | | ables in | | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine | erai I cable | s | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ents use | - | | | | umbe | ers): | т. | nsulation | rocia | tanc | | | | | | | | | | Con | itinui | + | | | | | | | |
| | | | | 1022 | 20/3 | 394 | | | | | | | | | | | _ | | | | | | | ty: | | | | | | | - |
| | | e: | | | | | | | E | arth fault | 1000 | ımp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | 10: | | | | | | | | | | |
| | | | | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H.J | W | | | | | Date | | | | 2024 | |
| nis for | rm is based on the | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL2C | 2409 | 091239 | $908\overline{1}$ | Pa | ge: 2 | 49 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 101 DB Location: 4th Floor, Room 101 Supplied from: 4th Floor Sub DB - 11L1 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------|--------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|--------|------------|---------------------------|----------------------------|------------------------|---------------|------------------------------|------------|-----------------------|--------------------------|----------|------------------|-----------------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | reference: | | Room | 101 [| DB | | | | Loc | cation: | | 4 | th Fl | oor, F | Room 1 | 01 | | | Supp | olied | from | : [| | 4 | th Flo | or Su | b DE | 3 - 11 | L1 | | |
| Distrib | oution circuit OCPI | D: BS (| (EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | . Т | -3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | |
| Confir | mation of supply | polarity | ✓ | | Co | onfirn | natior | n of p | hase | sequenc | e | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 ⊆ | 2 | lį | of at I | DB: | 0.98 | 6kA |
| S | CHEDULE OF | CIRC | UIT DE | TAI | LS / | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcurr | ent pi | rotectiv | /e dev | vice . | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D / | AFDD |
| | | | | | poq | | Nun and | nber size | t time S7671 | | | | | (U) | | | 6 | | Ring | final ci | rcuit | R ₁ + | | 0 | (2 | (a | | | | | tton) |
| Circuit number | Stribution circuit OCPD: BS (EN): PD Details: Types: T1 N/A Infirmation of supply polarity SCHEDULE OF CIRCUIT Circuit description The circuit description Circuit description Circuit description Circuit description Circuit description The circuit description Circuit description Circuit description The circuit description Circuit description The circuit description Circuit description Tridge The circuit description The circuit description Tridge The circuit description The circuit de | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r ₁ (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | - | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | | olastic | B Thermor | | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermoplas | stic | | F | | | G | | | Н | | | | C | - Oth | er | | = |
| | E OF insulated/s | heathed | cables metallic | s in | : | | cables etallic | | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine sulated | erai I cable | s | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | nents use | | | | | umbe | ers): | т. | | | | | | | | | | | | | C | | L | | | | | | | |
| | | | | 1022 | 26/3 | 394 | | | | nsulation | | | | | | | | | | | | | ntinui | ty: | | | | | | | |
| | | ce: | | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Positio | | | | Elect | | ın | | | Sign | ature | : | | | H. J | ll | u | | | | Date | | | /09/2 | | |
| his for | rm is based on th | e model | shown in | Appe | endix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 50 of | 253 |

| DISTRIBUTION BOARD DETAILS DB reference: Room 102 DB Location: 4th Floor, Room 102 Supplied from: 4th Floor Sub DB - 11L2 Distribution circuit OCPD: BS (EN): 61009 RCD/RCBO Type: B Rating/Setting: 40 A No of phases: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------|----------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------|--------|------------|---------------------------|----------------------------|---------|---------------|------------------------------|------------|-----------|--------------------------|----------|------------------|--------|------------------|------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|--|
| DB r | eference: | | Room | 102 [| ОВ | | | | Loc | cation: | | 4 | th Fl | oor, F | Room 1 | 02 | | | Supp | olied f | rom: | | | 4 | th Flo | or Su | b DE | 3 - 11 | L2 | | |
| Distrib | ution circuit OCPD | : BS (I | EN): | | | 610 | 09 R | CD/F | RCBC |) | | Т | ype: | E | 3 | Ratii | ng/S | ettin | ıg: | 40 | Α | | No | of p | hases | : | 1 | | | | |
| SPD D | etails: Types: | N/A | T2 | N/A | Т | -3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | N/A | 4 | | | | | | | | | | | |
| Confirr | mation of supply p | olarity | ✓ | | Со | nfirn | natior | n of p | hase | sequenc | е | ١ | I/A | | | | | | | | | Zs at | DB: | C | 0.23 ⊆ | 2 | lį | of at I | OB: | 0.98 | 6kA |
| S | CHEDULE OF | CIRCL | JIT DE | TAI | LS A | AND | TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT I | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | | | Cond | uctor c | letails | | (s) | Overcurr | ent pi | rotectiv | /e dev | vice . | | RCD | | | | Cont | inuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D , | AFDD |
| | | | | | poq | | Nun and | nber size | t time S7671 | | | | | (U) | | | 0 | | Ring | final ci | rcuit | R ₁ + | |) | a | (a | | | | | tton |
| Circuit number | DB reference: Roc istribution circuit OCPD: BS (EN): PD Details: Types: T1 N/A confirmation of supply polarity SCHEDULE OF CIRCUIT II SCHEDULE OF CIRCUIT II Oven Room Sockets Fridge Heater Hob & Extractor Lights & Contactor Spare Spare Time Clock CODES FOR Thermoplastic insulated/sheathed cables DETAILS OF TEST INSTR Details of test instruments used (ser ulti-functional: arth electrode resistance: TESTED BY Name: Martin Mckeown | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | rı (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 | Hob & Extractor | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | | astic | B Thermor | | | The | C ermopl | astic | | D Thermopla | stic | | The | E ermoplas | stic | | F | | | G | | | Н | | | | C | - Oth | er | | |
| TYP | E OF insulated/sh | eathed | cables metallic o | s in | | | cables etallic | in | it | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | | rmoset WA cab | | ins | Mine | eral I cable | s | | | N/A | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ents use | - | | | | umbe | ers): | т. | | ! | | | | | | | | | | | Com | | L | | | | | | | |
| | | | | 1022 | 20/3 | 94 | | | | nsulation | | | | | | | - | | | | | | itinui | ty: | | | | | | | - |
| | | e: | | | | | | | E | arth fault | 1000 | ımp | edar | nce: | | | | | | | | RCI |): | | | | | | | | |
| I | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Positio | | | | Elect | | n | | | Sign | ature | : | | | H.J | W | | | | | Date | | | | 2024 | |
| his for | m is based on the | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL2C | 2409 | 09123 | 9081 | Pa | ge: 2 | 51 of | 253 |

| D | DISTRIBUTION | N BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------|--|------------------|-------------------------|-------------------------|------------------------|--|--------------------------------|--------------------------|------------|---------------------------|----------------------------|------------------------|----------|------------------------------|------------------|------------------|---------------------------|----------|------------|---|------------------|-----------------------|----------------------------|-----------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|------|
| DB reference: Room 103 DB Location: | | | | | | | | | | | 4 | th Fl | oor, F | Room 10 | | | Supp | Supplied from: 4 | | | | | | h Floor Sub DB - 11L3 | | | | | | | |
| Distrib | ution circuit OCPD: | EN): | 61009 RCD/F | | | | | | RCBO | | | | E | 3 | Ratir | ng/S | ettin | ng: 40 A | | | No of phas | | | | : | 1 | | | | | |
| SPD D | N/A | T2 | N/A | Т | T3 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | | | | | | | | | | | | | | |
| Confirmation of supply polarity Confirmation of phase s | | | | | | | | | sequenc | , | | | | | Zs at DB | | | | C | 0.23 ⊆ | 2 | lpf at DB: 0.986 | | | | | | | | | |
| SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | • | | | | |
| | | | Conductor details | | | | | | Overcurrent protective device. | | | | | | | RCD | | | | Cont | inuity | (Ω) | | Insulation resistance | | | Zs | | RCD | | AFDD |
| | Circuit description | | | | poq | | Nun and | nber size | t time S7671 | | | | | (U) | | | 6 | | Ring | final ci | rcuit | R ₁ +R ₂ or R ₂ | | 0 | <u> </u> | (a | | | | | tton |
| Circuit number | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 Hob & Extractor | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermopla | astic | B Thermop | | | | | | | D Thermopla | | The | E rmoplas | F stic | | | | | Н | | | | O - Other | | | | | | | | |
| TYPE OF insulated/sheathed cables | | | cables in cables in metallic conduit nonmetallic conduit | | | | | | | cables i metallic tru | n | r | | ables in | | Therm /SWA | noplas A cabl | | Thermosetting /SWA cables | | | Mineral insulated cables | | | | | | N/A | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume | ents use | | | | | umbe | ers): | т. | | | | | | | | | | | | | C | . | L | | | | | | | |
| | unctional: | 1022 | 26/3 | 394 | | | | Insulation resistance: | | | | | | | | | | | itinui | ty: | | | | | | | | | | | |
| | electrode resistance | | Earth fault loop impedance: RCD: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | | Positio | | | | Elect | | n | | | Sign | Signature: Date: 03/09 | | | | | | | | | | | | | | | | | |
| his for | m is based on the | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 52 of | 253 |

| D | DISTRIBUTION | BOA | RD DE | TAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|-------------------|--|------------------|-------------------------|-------------------------|------------------------|--|-------------------------------|--------------------------|------------|---------------------------|----------------------------|----------|------------------------|------------------------------|------------------|-----------|------------------------------|---------------|--------|---|-----------------------|------------------|----------------------------|-------------------|-------------------------|-------------------------|---------------------------------|-------------------------------------|-----------|
| DB reference: Room 104 DB Location: | | | | | | | | | | | 4 | th Fl | oor, F | Room 10 | 04 | | | Supp | olied f | rom: | | | 4 | th Flo | or Sul | 3 - 12 | L1 | | | | |
| Distrib | ution circuit OCPD: | EN): | | | 610 | 09 R | CD/F | RCBC | Type: B | | | 3 | Ratir | ng/S | ettin | ng: 40 A | | | No of phas | | | | : | 1 | | | | | | | |
| SPD Details: Types: T1 N/A | | | | T2 | N/A | Т | 73 | N/A | N | /A 🗸 | | | | | ndicator ality indi | | | | | | | | | | | | | | | | |
| Confirmation of supply polarity Confirmation of phase | | | | | | | | | | | | | | | | | | | | | Zs at | DB: | C | 0.23 🛭 | 2 | lpf at DB: 0.986k | | | | | |
| SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | CIR | CUIT | DETAI | LS | | | | | | | | | | | | | | т | EST R | ESULT | DETAILS | 5 | | | | |
| | | Conductor details | | | | | | (s) | ত Overcurrent protective devi | | | | | | RCD | | | | Cont | inuity | (Ω) | | Insulation resistance | | | Zs | | RCD A | | AFDD | |
| | Circuit description | | | | poq | | Nun and | nber size | t time S7671 | | | | | (U) | | | 6 | | Ring | final circuit | | R ₁ +R ₂ or R ₂ | | 0 | (2 | (a | | | | | tton) |
| Circuit number | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Maximum permitted Zs (9 | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (MΩ) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | |
| 1 | Oven | | | Α | С | 1 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.17 | | 500 | > 999 | > 999 | ✓ | 0.40 | | | |
| 2 | Room Sockets | | | Α | С | 4 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.31 | | 500 | > 999 | > 999 | ✓ | 0.54 | | | |
| 3 | Fridge | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 4 | Heater | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 20 | 6 | 2.19 | | | | | | | | 0.27 | | 500 | > 999 | > 999 | ✓ | 0.50 | | | |
| 5 Hob & Extractor | | | | Α | С | 2 | 2.5 | 1.5 | 0.4 | 60898 | В | 16 | 6 | 2.73 | | | | | | | | 0.13 | | 500 | > 999 | > 999 | ✓ | 0.36 | | | |
| 6 | Lights & Contactor | | | Α | С | 9 | 1.5 | 1.0 | 0.4 | 60898 | В | 6 | 6 | 7.28 | | | | | | | | 0.16 | | 500 | > 999 | > 999 | ✓ | 0.39 | | | |
| 7 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Time Clock | | | | | 1 | | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermopla | stic | B Thermop | | | The | C ermopl | astic | | D Thermopla | | The | E ermoplas | F stic | | | | | Н | | | | O - Other | | | | | | | | |
| TYPE OF insulated/sheathed cables | | | Thermoplastic Thermoplastic cables in cables in metallic conduit nonmetallic conduit | | | | | | | cables i metallic tru | n | r | C | ables in | 1 | Therm /SWA | noplas A cabl | | Thermosetting /SWA cables | | | Mineral insulated cables | | | | | | N/A | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ils of test instrume | ents used | - | | | | umbe | ers): | | | : | | | | | | | | | | | C | | L | | | | | | | |
| | unctional: | | 1022 | 26/3 | 594 | | | | Insulation resistance: | | | | | | | Conti | | | | | ty: | | | | | | | | | | |
| | electrode resistance | | | | | | E | arth fault | loop | imp | edar | ice: | | | | | | | | RCI |): | | | | | | | | | | |
| 1 | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | | | | Positio | | | | Elect | | ın | | | Sign | Signature: M. M. Date: | | | | | | | | 03/09/2024 | | | | | | | | |
| his for | m is based on the | model s | shown in | Appe | ndix | 6 of | BS 7 | 671: | 2018 | +A2:202 | 2. | | | | | | | | | | | F | Ref: I | FL20 | 2409 | 09123 | 9081 | Pa | ge: 2 | 53 of | 253 |

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

- 1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section 7).
- 2. This Report is only valid if accompanied by the Inspection Schedule(s) and the Schedule(s) of Circuit Details and Test Results
- 3. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
- 4. The original Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.
- 5. Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
- 6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section 4.
- 7. For items classified in Section 7 as CI (Danger present), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
- 8. For items classified in Section 7 as C2 (Potentially dangerous), the safety of those using the installation at risk and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
- 9. Where it has been stated in Section 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code CI or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 7).
- 10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in Section 7 of the Report under Recommendations.
- 11. Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.
- 12. Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should. be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.
- 13. Where the installation includes a surge protective device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice. For safety reasons it is important that this instruction is followed.
- 14. Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.