

REPORT Requirements For Electrical Installations - BS 7671

Certificate Number:

23650177

| DETAILS OF THE PERSON ORDERING THE REPORT Client: CONDOR PROPERTIES |
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| Address: MILL HOUSE, LUGG BRIDGE MILL, HEREFORD, HR1 3NA |
| 2 REASON FOR PRODUCING THIS REPORT Reason for producing this report: Landlords safety report. |
| Date(s) on which inspection and testing was carried out: 13/09/2023 |
| JOETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT Installation Address: 72 KILMORIE FLATS 1 - 3, PENNSYLVANIA RD, EXETER, EX4 6DG |
| Description of premises: Domestic N/A Commercial Industrial N/A Other: N/A N/A Second Se |
| EXTENT AND LIMITATIONS OF INSPECTION AND TESTING Extent of the electrical installation covered by this report: 50% of the installation in accordance with item 3.8.4 of Guidance Note 3. |
| Agreed limitations including the reasons (see Regulation 653.2): No Lifting of floor boards or inspection of loft space. |
| Agreed with: BEN POPE |
| Operational limitations including the reasons: UNABLE TO INSPECT THE CABLES CONTAINED WITHIN THE FABRIC OF THE BUILDING. UNABLE TO VERIFY THE DNO SUPPLY PROTECTIVE DEVICE |
| The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to 2022. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment. |
| 5 SUMMARY OF THE CONDITION OF THE INSTALLATION |
| See page 3 for a summary of the general condition of the installation in terms of electrical safety. Overall assessment of the installation in terms of it's suitability for continued use*: * An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified. |
| 6 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: |
| 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. |
| This form is based on the model shown in Annendix 6 of BS 7671-2018+A2-2022 |

| | SERVATIONS AND RECOMMENDAT | | |
|----------------|---|--|------------------------------|
| | ing to the attached schedules of inspection eport under 'Extent of the Installation and | and test results, and subject to the limitations specif Limitations of Inspection and Testing': | ried on page 1 |
| V TI | here are no items adversely affecting electrical | safety or | |
| Ν/Α ΤΙ | he following observations and recommendations | | |
| Item No | | Observations | Classification Code |
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| | e following codes, as appropriate, has been allo le for the installation the degree of urgency for | cated to each of the observations made above to indicate to remedial action. | o the person(s) |
| C1 Dan Risk | ger Present of injury. Immediate edial action required | ngerous C3 Improvement FI Further in | vestigation vithout delay |
| Immedia | ate remedial action required for items: | N/A | |
| Urgent r | emedial action required for items: | N/A | |
| Improve | ment recommended for items: | N/A | |
| Further | investigation required for items: | N/A | |

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| Name: | | Barrie | <u> </u> | | Position | | | | Signature: | | 10 | | Date: | 13/09/ | 2023 |
| 10/SU Earth | | CHA | | | | | | L | ANGEMENT | | | L | | | |
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| - | | AC: | V | 1-phas | | 2-phase | | ¦ Nomin ¦ U/Uo: | | 23 | 30 V | | Protect | | /ice |
| TN-S: | | AC: DC: | ✓ N/A | 1-phas (2-wire 3-phas | e): ✓ e): N/A | 2-phase (3-wire): 3-phase | N/A | ¦ Nomin ¦ U/Uo: ¦ Nomin | al voltage, al frequency, f: ctive fault | 23 | 30 V) Hz | BS (EN): | | 88-2 | A |
| TN-S: TN-C-S: | N/A | | ✔ N/A | 1-phas (2-wire 3-phas (3-wire | e): ✓ e): N/A | 2-phase (3-wire): 3-phase (4-wire): 3-wire: | N/A N/A | Nomin U/Uo: Nomin Prospe curren Extern | al voltage, al frequency, f: ctive fault t, lpf: al earth fault | 23 50 1. | 30 V) Hz | BS (EN): Type: | | 88-2 gG | |
| TN-S: TN-C-S: TNC: TT: | N/A N/A N/A | DC: Other | / N/A | 1-phas (2-wire 3-phas (3-wire 2-wire: | e e): N/A N/A N/A | 2-phase (3-wire): 3-phase (4-wire): 3-wire: | N/A N/A N/A | Nomin U/Uo: Nomin Prospe curren Extern loop in | al voltage, al frequency, f: ctive fault t, lpf: al earth fault npedance, Ze: | 23 50 1. | 30 V D Hz 1 ka | BS (EN): Type: | | 88-2 gG | |
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| 12/11 | ISPECTION 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 | port 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) | Pass |
| 4.0 | OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details sh provided on separate sheets) | nould be |
| 4.1 | 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 | |
| 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) | Pass |
| 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) | Pass |
| 5.14 | RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1) | Pass |
| | | |
| OUTCON | | Net |
| Accepta conditio | ble PASS Unacceptable C1 or C2 Improvement C3 Further FI Not N/V Limitation LIM ap | Not N/A |

| 12/11 | ISPECTION 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) | Pass |
| 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) | N/A |
| 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: | |
| 6.15.1 | Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or | LIM |
| 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) | LIM |
| 6.16 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | LIM |
| 6.17 | Band II cables segregated/separated from Band I cables (528.1) | LIM |
| 6.18 | Cables segregated/separated from non-electrical services (528.3) | LIM |
| 6.19 | Condition of circuit accessories (651.2) | LIM |
| 6.20 | Suitability of circuit accessories for external influences (512.2) | LIM |
| 6.21 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) | LIM |
| 6.22 | Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) | LIM |
| 6.23 | Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537) | LIM |
| 6.24 | General condition of wiring systems (651.2) | LIM |
| 6.25 | Temperature rating of cable insulation (522.1.1; Table 52.1) | LIM |
| 7.0 | FINAL CIRCUITS | |
| 7.1 | Identification of conductors (514.3.1) | Pass |
| 7.2 | Cables correctly supported throughout their run (521.10.202; 522.8.5) | LIM |
| 7.3 | Condition of insulation of live parts (416.1) | Pass |
| OUTCON Accepta | ble base Unacceptable of as call Improvement of Further of Not Not Unimitation UNA | ot |
| conditio | | cable N/A |

| 12 <u>1</u> 1 | ISPECTION SCHEDULE (CONTINUED) | |
|---------------------|--|---------|
| Item | Description | Outcome |
| 7.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | N/A |
| 7.5 | Suitability of containment systems for continued use (including flexible conduit) (Section 522) | Pass |
| 7.6 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | Pass |
| 7.7 | Adequacy of protective devices: type and rated current for fault protection (411.3) | Pass |
| 7.8 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | Pass |
| 7.9 | 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 dam (522.6.201; 522.6.202; 522.6.203; 522.6.204): | lage |
| 7.11.1 | Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) | LIM |
| 7.11.2 | 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) (522.6.201; 522.6.204) | LIM |
| 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 |
| 7.12.3 | For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) * | Pass |
| 7.12.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) * | Pass |
| 7.12.5 | 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 additional protection. | al |
| 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 |
| 7.16 | Termination of cables at enclosures – identify/record numbers and locations of items inspected (Sec 526): | tion |
| 7.16.1 | Connections under no undue strain (526.6) | Pass |
| 7.16.2 | No basic insulation of a conductor visible outside enclosure (526.8) | Pass |
| 7.16.3 | Connections of live conductors adequately enclosed (526.5) | Pass |
| 7.16.4 | 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 |
| 7.18 | Suitability of accessories for external influences (512.2) | Pass |
| 7.19 | Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3) | Pass |
| 8.0 | I SOLATION AND SWITCHING | |
| 8.1 | Isolators (Sections 460; 537): | |
| 8.1.1 | Presence and condition of appropriate devices (Section 462; 537.2.7) | Pass |
| 8.1.2 | Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7) | |
| 8.1.3 | Capable of being secured in the OFF position (462.3) | Pass |
| 8.1.4 | Correct operation verified (643.10) | Pass |
| 8.1.5 | 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) | N/A |
| 8.2 | Switching off for mechanical maintenance (Section 464; 537.3.2): | |
| 8.2.1 | Presence and condition of appropriate devices (464.1; 537.3.2) | Pass |
| 8.2.2 | 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 |
| 8.2.4 | Correct operation verified (643.10) | Pass |
| 8.2.5 | Clearly identified by position and/or durable marking (537.3.2.4) | Pass |
| OUTCON | I ES | |
| Accepta conditio | ha langesenteble i langesenteble i Net i Net i Net i | ot ¦N/A |
| | | |

| 12 / IN | ISPECTION 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) | N/A |
| 9.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | N/A |
| 9.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | N/A |
| 9.7.4 | No signs of overheating to conductors/terminations (526.1) | N/A |
| 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) | Pass |
| 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 inspection | 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. | inspection |
| 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 | red by: | |
| Name: | | 9/09/2023 |
| | | lot l |
| Acceptal conditio | | lot icable |

| | STRIBUTION I | BOARD | DET | ALL | S | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------------------|------------|--|----------------|------------------|----------------------------|----------------------------------|------------------------|--|--|--------|------------|---------------------------|---|------------|-------|------------------------------|------------|-----------|--------------------------|----------|-----------|--------------------|------------------|------------------|----------------------------|-----------------|----------------------------------|----------------------------|---------------------------------|--|
| | eference: | | DB | | | | | | Lo | cation: | | | | FLA | T 1 | | | | Supp | olied f | rom | : | | | E | BASEN | 1ENT | 3 | | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | | | 88 | 8-2 | | | | T | Гуре | : C | JG | Rati | ng/S | ettir | ng: | 100 | А | | No | oofp | hases | : | 3 | | | | |
| SPD D | etails: Types: | T1 N/A | Т2 | 2 | N/A | Т | 3 | N/A | N | /A 🖌 | | | | atus i | ndicator | | | | | N/A | 1 | | | · | | | | | | | |
| | nation of supply pola | | ~ | | | | | | | e sequenc | ۵ | | | nction | ality indi | cator | pres | sent |) | | | 7s a | t DB: | C | D.18 g | 0 | | lpf at | DB. | 1 | 1 kA |
| | | | - | | | | | | | | | | | | | | | | | | | <u></u> | | | | | | | | | |
| | CHEDULE OF CI | RCUIT | | ALL | _3 P | | | DETAI | | ULIS | | | | | | | | | | | | | | FST R | RESULT | DETAIL | S | | | | |
| <u></u> | | | | | Condu | | | | (s) | Overcuri | rent p | rotecti | ve dev | /ice | | RCD | | | | Cont | inuity | (Ω) | | | ation re | | | Zs | R | CD | AFDD |
| | | | | | р | | | nber size | ime 7671 | | | | | | | | | | Ring | final ci | rcuit | R1- or | +R2 | | | _ | | | | | Б |
| Circuit number | Circuit descrip | ption | , T Second Second | 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 (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 (Ma) | Live - Earth (M α) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Main Switch | | | A | С | 13 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | ~ | N/A | N/A | | N/A |
| 16 | COOKER | | | A | С | 2 | 6 | 2.5 | 0.4 | 61009 | С | 32 | 6 | 0.68 | 61009 | A | 30 | 32 | N/A | N/A | N/A | 0.14 | N/A | 500 | > 200 |) > 200 | | 0.32 | 8.7 | ~ | N/A |
| 2 | KITCHEN/LOUNGE SOC | CKETS | | A | С | 12 | 2.5 | 1.5 | 0.4 | 61009 | С | 32 | 6 | 0.68 | 61009 | A | 30 | 32 | 0.49 | 0.49 | 0.82 | 0.44 | N/A | 500 | > 200 |) > 200 | | 0.62 | 12.9 | ~ | N/A |
| 3 | BED 1 SOCKETS | | | A | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | A | 30 | 16 | N/A | N/A | N/A | 0.64 | N/A | 500 | > 200 | > 200 | | 0.82 | 8.9 | ~ | N/A |
| 4 | BED 2 SOCKETS | | | A | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | A | 30 | 16 | N/A | N/A | N/A | 0.46 | N/A | 500 | > 200 | > 200 | | 0.64 | 8.9 | ~ | N/A |
| 5 | BED 3 SOCKETS | | | A | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | A | 30 | 16 | N/A | N/A | N/A | 0.65 | N/A | 500 | > 200 |) > 200 | | 0.83 | 8.6 | ~ | N/A |
| 6 | BED 4 SOCKETS | | | A | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | A | 30 | 16 | N/A | N/A | N/A | 0.46 | N/A | 500 | > 200 |) > 200 |) 🗸 | 0.64 | 8.9 | ~ | N/A |
| 7 | BED 5 SOCKETS | | | А | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | Α | 30 | 16 | N/A | N/A | N/A | 0.46 | N/A | 500 | > 200 |) > 200 |) 🗸 | 0.64 | 8.2 | ~ | N/A |
| 8 | HALLWAY SOCKETS | | | A | С | 1 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | Α | 30 | 16 | N/A | N/A | N/A | 0.26 | N/A | 500 | > 200 |) > 200 |) 🗸 | 0.44 | 8.9 | ~ | N/A |
| 9 | LIGHTS 1 | | | A | С | 16 | 1.5 | 1.0 | 0.4 | 61009 | С | 6 | 6 | 3.64 | 61009 | Α | 30 | 6 | N/A | N/A | N/A | 0.68 | N/A | 500 | > 200 | > 200 |) 🖌 | 0.86 | 8.6 | ~ | N/A |
| CODE TYP WIF | | hed | B ermoplas cables ir tallic con | n | | C | C ermopl cables etallic | | t | D Thermopla cables metallic tru | in | | (| E ermopla cables in etallic tr | n | | F noplas A cabl | | | G ermoset WA cab | | in | H Min sulate | | es | | | 0 - 0ti N/# | | | |
| | ETAILS OF TES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| · | ils of test instruments | s used (se | | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | |
| | unctional: | | | 429 | 910 | d | | | | nsulation | | | | | | | | | | | | | ntinu | ity: | | | | | | | |
| | electrode resistance: | | | | | | | | E | arth fault | loop | o imp | edar | nce: | | | | | | | | RC | D: | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: Barrie | e Taylor | | | Po | ositic | on: | | | Elect | ricia | n | | | Sign | ature | : | | | | - | | | | | Dat | e: | 13 | ;/09/ | /2023 | 3 |

| S | CHEDULE OF CIRCUIT | T DETAI | LS / | AND |) TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|--|---|----------------------------|-------------------------|------------------------|--|---------|--------|-----------------------------------|---------------------------|-----------------------------|-------------------|------|------------------------------|-----------------|-----------|--------------------------|-----------------|-----------------|-----------|------------------|------------------|---------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| ' DB r | eference: | DB 1 | | | | | Loc | ation: | | | | FLA | T 1 | | | | Supp | lied | from | : | | | B | ASEM | ENT | 3 | | | |
| | | | | CIR | | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT [| DETAIL | S | | | | |
| | | | Cond | uctor d | | | (s) | Overcur | rent p | rotec | tive dev | ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | RC | D | AFDD |
| | | | po | | Num and | nber size | time 57671 | | | | | 0 | | | _ | | Ring | final c | ircuit | R1- or | +R2 R2 | | | (7 | | | | | 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) | Type | Rating (A) | Breaking capacity (kA) | 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 (Ma) | Live - Earth (M $)$ | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 10 | LIGHTS 2 | А | С | 8 | 1.5 | 1.0 | 0.4 | 61009 | С | 6 | 6 | 3.64 | 61009 | A | 30 | 6 | N/A | N/A | | 0.56 | N/A | 500 | > 200 | > 200 | ~ | 0.74 | | | N/A |
| 11 | LIGHTS CORRIDOR | А | С | 15 | 1.5 | 1.0 | 0.4 | 61009 | С | 6 | 6 | 3.64 | 61009 | Α | 30 | 6 | N/A | N/A | N/A | 0.61 | N/A | 500 | > 200 | > 200 | r | 0.79 | 8.9 | r | N/A |
| 12 | SHOWER | А | С | 1 | 10 | 4 | 0.4 | 61009 | С | 40 | 6 | 0.55 | 61009 | A | 30 | 6 | N/A | N/A | N/A | 0.03 | N/A | 500 | > 200 | > 200 | ~ | 0.21 | 8.8 | r | N/A |
| 13 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | A N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 14 | SPARE | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | A N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | Α | В | | | С | | | D | | | | E | | | F | | | G | | | F | 1 | | | C |) - Oth | ner | | |
| TYP | S FOR Thermoplastic T E OF insulated/sheathed | hermoplastic cables in etallic conduit | ic Thermoplastic Thermoplastic cables in cables in | | | | in | | C | rmopla: ables ir tallic tru | ו ו | | noplas A cable | | | rmose WA cal | | in | Mine sulated | eral d cable | s | | | N/A | | | | | |

| | STRIBUTION | | DETA | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------------------|----------|--------------------------|--------------|----------------------------|-------------------------|------------------------|--|------------------------|--------|------------|---------------------------|------------------------|-----------|---------|-------|---------------------------------|------------|-----------|--------------------------|----------|-------|----------------|-----------------|------------------|-----------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| | eference: | BUARD | DETA DB 1 | ILS | | | | Lo | cation: | | | | FLA | T 1 | | | | | Supr | olied | from | : | | | B | ASEM | ENT | 3 | | | |
| | ution circuit OCPD: | BS (EN): | | | | 8 | 8-2 | 20 | sationi | | | Туре | | gG | R | atin | g/Se | | | 100 | | | No | o of r | hases: | | 3 | | | | |
| | | T1 N/A | T2 | N// | 1 | | N/A | Ν | | | | St | atus i | ndicator | che | ecke | ed (v | whei | re | N// | | | 140 | 5010 | 10303. | | U | | | | |
| | 51 | | | | | | | | | | | | nction | ality ind | licat | tor p | ores | ent) | | 11/7 | | - | | (| | | | c . | | 1 | 1 1.4 |
| | nation of supply polar | | ~ | | | | | | e sequenc | :e | | ~ | | | | | | | | | | Zs a | t DB: | | D.18 Ω | | | pf at | DB: | 1. | 1 kA |
| S | CHEDULE OF CI | RCUIT | DETA | ILS | | | | | ULTS | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | DETAI | | | | | | | | | | | | | | | (0) | | | RESULT | | 5 | - | | | 4500 |
| | | | | Cor | ductor | | mber | e 71 (s) | Overcur | rent p | rotect | ive dev | vice | | RC | | | | | | tinuity | | , Do | Insul | ation res | stance | | Zs | R | CD | AFDD |
| L | | | | method | | | l size | st tim 3S76 | | | | | (0) | | | | p | | Ring | final c | ircuit | or | †R <u>2</u> | S | 6 | (WD) | | | | 0 | () |
| Circuit number | Circuit descrip | ption | Type of wiring | Reference me | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Type | Rating (A) | Breaking capacity (kA) | Zs | BS (EN) | T, inco | lype | Kated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (| Live - Live (Ma) | Live - Earth (N | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| 1 | Main Switch | | A | С | 13 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | N | | | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | • | N/A | N/A | | N/A |
| 2 | COOKER | | A | С | 2 | 6 | 2.5 | 0.4 | 61009 | С | 32 | 6 | 0.68 | 61009 | | A | 30 | 32 | N/A | N/A | N/A | 0.40 | N/A | 500 | > 200 | > 200 | ~ | 0.58 | 26.4 | ~ | N/A |
| 3 | KITCHEN/LOUNGE SOC | CKETS | A | С | 12 | 2.5 | 1.5 | 0.4 | 61009 | С | 32 | 6 | 0.68 | 61009 | | A | 30 | 32 | 0.58 | 0.58 | 0.98 | 0.40 | N/A | 500 | > 200 | > 200 | ~ | 0.58 | 28.6 | ~ | N/A |
| 4 | BED 1 SOCKETS | | А | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | A | 30 | 16 | N/A | N/A | N/A | 0.71 | N/A | 500 | > 200 | > 200 | V | 0.89 | 29.0 | ~ | N/A |
| 5 | BED 2 SOCKETS | | A | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | A | 30 | 16 | N/A | N/A | N/A | 0.29 | N/A | 500 | > 200 | > 200 | • | 0.47 | 28.6 | ~ | N/A |
| 6 | BED 3 SOCKETS | | A | C | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | A | 30 | 16 | N/A | N/A | N/A | 0.28 | N/A | 500 | > 200 | > 200 | r | 0.46 | 24.4 | ~ | N/A |
| 7 | BED 4 SOCKETS | | A | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | A | 30 | 16 | N/A | N/A | N/A | 0.36 | N/A | 500 | > 200 | > 200 | V | 0.54 | 24.2 | ~ | N/A |
| 8 | BED 5 SOCKETS | | A | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | A | 30 | 16 | N/A | N/A | N/A | 0.32 | N/A | 500 | > 200 | > 200 | ~ | 0.50 | 28.8 | ~ | N/A |
| 9 | HALLWAY SOCKETS | | A | С | 2 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | A | 30 | 16 | N/A | N/A | N/A | 0.21 | N/A | 500 | > 200 | > 200 | ~ | 0.39 | 28.8 | ~ | N/A |
| 10 | LIGHTS 1 | | A | C | 16 | 1.5 | 1.0 | 0.4 | 61009 | С | 6 | 6 | 3.64 | 61009 | | A | 30 | 6 | N/A | N/A | N/A | 0.68 | N/A | 500 | > 200 | > 200 | ~ | 0.86 | 28.8 | ~ | N/A |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | S FOR Thermoplastic | c Th | B ermoplast | ic | Th | C | lastic | | D | astic | | The | E ermopla | astic | | F | | | | G | | | | 1 | | | (|) - Otł | ner | | |
| TYPI | E OF insulated/sheath | hed | cables in tallic cond | | | cables netallic | in | it | cables metallic tru | in | | | cables i etallic tr | n | | | oplast cable | | | ermose WA cal | | in | Min Isulate | eral d cable | es | | | N/A | ١ | | |
| | ETAILS OF TES | | RUME | | | | | | | | | | | I | | | | | | | | | | | | | | | | | |
| | ils of test instruments | | | | | umbe | ers): | | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 4 | 2991 | 80 | | | П | nsulation | resis | stand | e: | | | | | | | | | | Со | ntinu | ity: | | | | | | | |
| Earth e | electrode resistance: | | | | | | | E | arth faul | loop | o imp | bedar | nce: | | | | | | | | | RC | D: | | | | | | | | |
| | ESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | | e Taylor | | | Positi | on: | | | Elect | tricia | in | | | Sigr | natu | ire: | | | | | ÷ | _ | | | | Date | ∋: | 13 | 8/09/ | 2023 | 3 |

| | SCHEDULE OF CIRCUIT | T DETAIL | .S ANE | D TES | ST R | ESULTS | | | | | | | | | | | | | | | | | | | | | |
|---------|--|--|--|-------------------------|---------------------------------------|-------------|---------|------------|------------------------------------|------------------------|---------------|-------------------|------------------------------|------------|------------------|--------------------------|----------|-----------|-----------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|
| ' DB I | reference: | DB 1 | | | | Location: | | | | FLA | T 1 | | | | Supp | blied | from | : | | | B | ASEM | IENT | 3 | | | |
| | | | CIF | | DETAILS | S | | | | | | | | | | | | | Т | EST R | ESULT I | DETAIL | S | | | | |
| | | 0 | Conductor o | | | ා Overcu | rrent p | rotectiv | ve dev | vice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | R | CD | AFDD |
| | | | po | Num and | size | 0167' | | | | | | | _ | | Ring | final c | ircuit | R1- or | +R2 R2 | | | (7 | | | | | ton |
| number | Circuit description | iring | Reference method Number of points served | 2) | () | BS (EN) | | | (kA) | (Ω) ZS (Ω) | | | Rated operating current (mA) | | | (IE | | | | Test voltage (V) | Live - Live (Ma) | Live - Earth (M Ω) | tick) | (U) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| nit nu | | Type of wiring | Reference met Number of points served | Live (mm ²) | cpc (mm ²) Max disconn | EN) | 0 | Rating (A) | Breaking capacity (kA) | Maximum permitted 2 | EN) | | ent (r | Rating (A) | ine) | r _n (neutral) | cpc) | R2 | | volta | - Live | - Ear | Polarity (tick) | Maximum measured (Ω) | onne((ms) | butte | ual te ation |
| Circuit | | Type | Refe Num poin | Live | cpc | BS (EN) | Type | Rati | Brea | Maxi | BS (EN) | Type | Rate curri | Ratii | r1 (line) | rn (r | r2 (cpc) | R1+R2 | R2 | Test | Live | Live | Pola | Maxi mea | Disc | Test oper | Man oper |
| 11 | LIGHTS 2 | A | C 8 | 1.5 | 1.0 (| 0.4 61009 | C | 6 | 6 | 3.64 | 61009 | A | 30 | 6 | N/A | N/A | N/A | 0.54 | N/A | 500 | > 200 | > 200 | ~ | 0.74 | 28.6 | ~ | N/A |
| 12 | LIGHTS CORRIDOR | A | C 15 | 1.5 | 1.0 (| 0.4 61009 | C | 6 | 6 | 3.64 | 61009 | A | 30 | 6 | N/A | N/A | N/A | 0.61 | N/A | 500 | > 200 | > 200 | ~ | 0.79 | 28.8 | ~ | N/A |
| 13 | SHOWER | A | C 1 | 10 | 4 (| 0.4 61009 | С | 40 | 6 | 0.55 | 61009 | A | 30 | 6 | N/A | N/A | N/A | 0.03 | N/A | 500 | > 200 | > 200 | ~ | 0.21 | 28.8 | ~ | N/A |
| 14 | SPARE | N/A M | N/A N/A | N/A | N/A | N/A N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 15 | SPARE | N/A M | N/A N/A | N/A | N/A | N/A N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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| | A | В | | C | | D | | | | E | | | F | | | G | | | ŀ | 4 | | | |) - Oth | ner | | |
| TYF | ES FOR Thermoplastic T PE OF insulated/sheathed | hermoplastic cables in etallic conduit | ic Thermoplastic Thermoplasti cables in cables in | | | in 🛛 | r | C | ermopla cables in etallic tr | ר ו | Thern /SW/ | noplas A cable | | | ermose WA cal | | in | Min | | s | | | N/A | | | | |

| | DISTRIBUTION | | וח חכ | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|----------------|-----------------------------------|----------------------------|-------------------------|--|--|------------|---|------------|---------------------------|-----------------------------|---------|---------|-----------------|----------------------------|-----------|-----------------------------------|----------|---------|----------------------------------|------------------|------------------|----------------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|---|------|
| | eference: | B 1 | LJ | | | | Lo | cation: | | | | FLA | Т 3 | | | | Sup | olied | from | : | | | BA | ASEM | ENT | 3 | | | | | |
| Distrib | ution circuit OCPD: | BS (EI | N): | | | | 8 | 8-2 | | | | | Туре: | : a | IG | Ra | tina/ | Setti | | 100 | | | No | o of p | hases: | | 3 | | | | |
| | | • | J/A | T2 | N/A | - | | N/A | N | /A 🗸 | | | St | atus ir | ndicator | che | cked | (whe | ere | N/J | | | | | | | | | | | |
| | mation of supply polar | | · · · | 12 | | | | | | sequence | | | fui | nction | ality ind | icato | or pre | esent |) | | | Zs a | + DD- | C |).18 Ω | | | pf at | DB. | 1 | 1 kA |
| | 11 5 1 | | | | | | | | | | .e | _ | • | _ | | | | | | | | 25 a | | | . 10 32 | | | | <u> </u> | | |
| | CHEDULE OF CI | RCU | | | LS . | | | DETAI | | ULIS | | | | | | | | | | | | | т | EST D | ESULT D | ETAIL | c | | | | |
| | | | Conc | luctor | | DETAI | L3 (s) | Overcur | rent n | rotect | ive dev | vice | | RCI | <u> </u> | | | Con | tinuity | | | | ation resi | | 3 | Zs | R | CD | AFDD | | |
| | | | | | | | Number | | | Overeal | | | | | | | , | | Ring | final c | | | +R2 | moule | | stance | | 25 | | | |
| Circuit number | Circuit descrip | 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 (Ω) | BS (EN) | Type | Rated operating | current (ma) Rating (A) | r1 (line) | rn (neutral) | r2 (cpc) | k1+R2 | R2_ | Test voltage (V) | Live - Live (Ma) | Live - Earth (M Ω) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | | |
| 1 L1 | Main Switch | | | A | С | 14 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | N/A | N/ | | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | ~ | N/A | | | N/A |
| 16 L1 | COOKER | | | Α | С | 2 | 6 | 2.5 | 0.4 | 61009 | С | 32 | 6 | 0.68 | 61009 | A | 30 |) 32 | N/A | N/A | N/A | 0.30 | N/A | 500 | > 200 | > 200 | ~ | 0.48 | 9.9 | ~ | N/A |
| 2 L1 | KITCHEN/LOUNGE SOC | CKETS | | A | С | 12 | 2.5 | 1.5 | 0.4 | 61009 | С | 32 | 6 | 0.68 | 61009 | A | 30 |) 32 | 0.58 | 0.58 | 0.98 | 0.37 | N/A | 500 | > 200 | > 200 | ~ | 0.55 | 15.0 | r | N/A |
| 3 L1 | BED 1 SOCKETS | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 20 | 6 | 1.09 | 61009 | A | 30 |) 20 | N/A | N/A | N/A | 0.22 | N/A | 500 | > 200 | > 200 | r | 0.62 | 9.5 | r | N/A |
| 4 L1 | BED 2 SOCKETS | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 20 | 6 | 1.09 | 61009 | A | 30 |) 20 | N/A | N/A | N/A | 0.37 | N/A | 500 | > 200 | > 200 | ~ | 0.55 | 9.5 | ~ | N/A |
| 5 L1 | BED 3 SOCKETS | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 20 | 6 | 1.09 | 61009 | A | 30 |) 20 | N/A | N/A | N/A | 0.51 | N/A | 500 | > 200 | > 200 | ~ | 0.69 | 11.7 | ~ | N/A |
| 8 L1 | HALLWAY SOCKETS | | | Α | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 20 | 6 | 1.09 | 61009 | A | 30 |) 20 | N/A | N/A | N/A | 0.80 | N/A | 500 | > 200 | > 200 | ~ | 0.98 | 9.8 | ~ | N/A |
| 12 L1 | SHOWER 1 | | | Α | С | 1 | 6 | 2.5 | 0.4 | 61009 | С | 32 | 6 | 0.68 | 61009 | A | 30 |) 32 | N/A | N/A | N/A | 0.40 | N/A | 500 | > 200 | > 200 | ~ | 0.58 | 9.8 | r | N/A |
| 15 L1 | SHOWER 2 | | | Α | С | 1 | 6 | 2.5 | 0.4 | 61009 | С | 32 | 6 | 0.68 | 61009 | A | 30 |) 32 | N/A | N/A | N/A | 0.45 | N/A | 500 | > 200 | > 200 | ~ | 0.63 | 10.4 | ~ | N/A |
| 9 L1 | LIGHTS 1 | | | А | С | 9 | 1.5 | 1.0 | 0.4 | 61009 | С | 6 | 6 | 3.64 | 61009 | A | 30 |) 6 | N/A | N/A | N/A | 0.68 | N/A | 500 | > 200 | > 200 | ~ | 0.86 | 9.9 | ~ | N/A |
| CODE TYP WIF | | Thermo | 3 oplastic es in conduit | · | | C Thermoplastic cables in nonmetallic conduit | | | D Thermoplast cables in metallic trunk | | | cables in | | | I hermoplastic | | | G Thermosetting /SWA cables | | | H Mineral insulated cables | | | s | | (| d - Otr N/A | | | | |
| Deta | ETAILS OF TES ils of test instruments unctional: | | | and/o | | | umbe | ers): | II | nsulation | resis | stanc | ce: | | | | | | | | | Сог | ntinu | ity: | | | | | | | |
| Earth e | electrode resistance: | | | | | | E | arth fault | loop | o imp | oedar | nce: | | | | | | | | RC | D: | | | | | | | | | | |
| Nam | ESTED BY e: Barrie | or | | F | Positi | on: | | | Elect | ricia | in | | | Sign | atur | e: | | | | | | | | | Date | e: | 13 | 3/09/ | 202: | 3 | |

| | SCHEDUL | E OF CIRC | UIT DE | TAI | LS . | ANC |) TE | ST F | RES | ULTS | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------------|----------------------|--------------|----------------|-------------------------------|----------------------------|-------------------------|------------------------|--|---------------|--------|------------|---------------------------|-----------------------------|-------------|------|------------------------------|------------|-----------|--------------------------|--------------------|-----------|-----------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|--|--|
| ' DB r | eference: | | DI | 31 | | | | | Lo | cation: | | | | FLA | Т 3 | | | | Supp | blied | d from: BASEMENT 3 | | | | | | | | | | | | |
| | | | | | | CIR | СИГТ | DETAI | LS | | | | | | | | | | | | | | Т | EST R | ESULT | DETAIL | S | | | | | | |
| | | | | | Conc | luctor c | | _ | (s) | Overcur | rent p | rotecti | ve de\ | /ice | | RCD | | | | Con | tinuity | (Ω) | | Insula | ation res | istance | | Zs | R | CD | AFDD | | |
| | | | | | po | | Nur and | nber size | time S767 | | | | | | | | | | Ring | final c | ircuit | R1- or | +R2 | | | (7 | | | | | 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) | Type | Rating (A) | Breaking capacity (kA) | 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 (Ma) | Live - Earth (Ma) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | | |
| 10 L1 | LIGHTS 2 | | | A | С | 17 | 1.5 | 1.0 | 0.4 | 61009 | C | 6 | 6 | 3.64 | 61009 | A | 30 | | N/A | N/A | N/A | 0.56 | N/A | 500 | > 200 | > 200 | ~ | 0.74 | 9.8 | | N/A | | |
| 13 L1 | SPARE | | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | |
| 14 L1 | SPARE | | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | A N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | |
| 17 L1 | SPARE | | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | |
| 18 L1 | SPARE | | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | |
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| | | A Thermoplastic | B Thermor | olastic | | | C ermopl | | | D Thermopl | | | | E ermopla | | Thor | F | etic | The | G | tting | | H | | | | 0 - Other | | | | | | |
| | PE OF ins RING | cables metallic d | | t | cables in nonmetallic conc | | | t | cables metallic tru | | | | cables in etallic tr | | I nermoplas | | | | | | | | erai d cable | s | N/A | | | | | | | | |

| | STRIBUTION | I BOA | ARD D | ETAI | LS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------|---------------|--------------------------------------|------------------|----------------------------|-----------------------------------|------------------------|--|--|------------|------------|---------------------------|-------------------------------------|---------|-------------------------|------|------------------------------|------------|-----------|--------------------------|----------|-------------|----------|----------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|--|-------|
| DB r | eference: | | LANE | DLOR | DS | | | | Lo | cation: | | | MA | IN EN | NTRANC | E | | | | Sup | olied | from | : | | | | 0 | rigin | | | | |
| Distrib | ution circuit OCPD: | BS | (EN): | | | | 8 | 8-2 | | | | ٦ | уре | : (| gG | Ra | atin | ig/Se | ettir | ng: | 100 | A | | No | o of p | bhases | : | 3 | | | | |
| SPD D | etails: Types: | T1 | N/A | T2 | N/A | - | ГЗ | N/A | Ν | I/A 🗸 | | | | | indicator nality ind | | | | | | N/ | 4 | | | | | | | | | | |
| Confirm | nation of supply pol | larity | ~ | | C | onfirr | natio | n of I | hase | e sequenc | 0 | | v | netioi | lanty ino | icat | | pres | ent | | | | 7s a | t DB | | 0.18 🤉 | 5 | | lpf at | | 1 | .3 kA |
| | | - | | | | | | | | <u> </u> | | | - | | | | | | | | | | 23 0 | | | | - | | | | | |
| | CHEDULE OF C | JIRC | | EIAI | LS | | | | | ULIS | | | | | | | | | | | | | | - | FEST F | RESULT | DETA | 115 | | | | |
| | | | | | Cond | ductor of | | | (s) | Overcur | rent p | rotecti | ve dev | vice | | RC | CD | | | | Con | tinuity | (Ω) | | | lation re | | | Zs | F | RCD | AFDD |
| | | | | | pc | | | nber I size | time 7671 | | | | | | | | | | | Ring | final c | ircuit | R1 or | +R2 R2 | | | | | | | | ы |
| Circuit number | Circuit desc | | 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 (Ω) | BS (EN) | T | Type | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - Live (Ma) | Live - Earth (Ma) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) | |
| 1 L1 | MAIN SWITCH | | | Α | С | 5 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N | | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | ~ | | | | N/A |
| 2 L1 | FIRE ALARM | | | 0 | С | 1 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | А | 30 | 16 | N/A | N/A | N/A | 0.05 | N/A | 500 | > 200 | > 20 | • • | 0.2 | 3 9.8 | ~ | N/A |
| 3 L1 | INTERCOM | | | A | C | 1 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | A | 30 | 16 | N/A | N/A | N/A | 0.20 | N/A | 500 | > 200 | > 20 | • 0 | 0.3 | 9.6 | ~ | N/A |
| 4 L1 | TV AMP | | | A | С | 1 | 2.5 | 1.5 | 0.4 | 61009 | С | 16 | 6 | 1.37 | 61009 | | A | 30 | 16 | N/A | N/A | N/A | 0.14 | N/A | 500 | > 200 | > 20 | • • | 0.32 | 2 9.8 | ~ | N/A |
| 5 L1 | HALLWAY SOCKETS | | | A | С | 3 | 2.5 | 1.5 | 0.4 | 61009 | С | 20 | 6 | 1.09 | 61009 | | A | 30 | 20 | N/A | N/A | N/A | 0.25 | N/A | 500 | > 200 | > 20 | • • | 0.42 | 3 9.9 | ~ | N/A |
| 6 L1 | HALLWAY LIGHTS | | | Α | C | 21 | 1.5 | 1.0 | 0.4 | 61009 | С | 6 | 10 | 3.64 | 61009 | | A | 30 | 6 | N/A | N/A | N/A | 2.00 | N/A | 500 | > 200 | > 20 | • 0 | 2.1 | 3 9.8 | ~ | N/A |
| 7 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE TYP WIR | | Therm cabl | B ioplastic les in c condui | | | C ermopl cables ietallic | in | it | D Thermople cables metallic tru | in | | | E ermopla cables etallic t | | | | F oplast cable | | | G ermose WA cal | | ir | Min | H eral d cable | es | | | o - oi FP2 | | | | |
| | ETAILS OF TE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | ils of test instrumen | | or as 2991(| | umbe | ers): | 1. | nsulation | rock | topo | <u>.</u> . | | | | | | | | | | 6.5 | ntinu | 1+ | | | | | | | | | |
| Multi-functional: Earth electrode resistance: | | | | | . 7 7 10 | 00 | | | | arth fault | | | | nce: | | | | | | | | | RC | | ny. | | | | | | | |
| | ESTED BY | | | | | | | | | | | p | | | | | | | | | | | | | | | | | | | | |
| Nam | | rie Ta | ylor | | | Positi | on: | | | Elect | ricia | in | | | Sigr | natu | ire: | | | | | | _ | | | | Da | ate: | 1 | 3/09/ | /202 | 3 |
| | Darne Taylor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| SCHEDULE OF CIRCUIT DETAILS AND TEST F | | | | | | | | | ULTS | | | | | | | | | | | | | | | | | | | | | |
|--|---|------------|----------------------------------|------------------|---|-------------------------|------------------------|--|-----------------------------------|---------|------------|---------------------------|------------------------------------|---------|------------------------------|------------------------------|------------|------------------------------|--------------------------|----------|-----------|-----------------------------|------------------|------------------|-------------------|-----------------|-------------------------|----------------------------|---------------------------------|-------------------------------------|
| ' DB r | eference: | LAN | DLOF | RDS | | | | Loc | ation: | | | MAI | N EN | ITRANC | E | | | Supp | lied | from | : | | | | Ori | gin | | | | |
| | | | | | CIF | CUIT | DETAI | ILS | | | | | | | | | | | | | | ٦ | FEST R | RESULT | DETAIL | s | | | | |
| | | | | Con | ductor o | | | l (s) | Overcu | rrent p | rotecti | ive dev | vice | | RCE |) | | | Con | tinuity | (Ω) | _ | Insul | ation res | sistance | | Zs | | | AFDD |
| | | | | po | | Nur and | mber I size | time S767 | | | | | | | | _ | | Ring | final c | ircuit | R1- or | +R2 R2 | | | (7 | | | | | ton |
| 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) | Type | Rating (A) | Breaking capacity (kA) | 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 (Ma) | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test but operation (tick) |
| 11 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | | В | | | С | | | D | | | | E | | | F | | G | | | | H | | | O - Other | | | | | |
| TYP | S FOR Thermople E OF insulated/sh RING cables | eathed cat | noplastic ples in ic condu | | Thermoplastic cables in nonmetallic condu | | | it | Thermop cables metallic tre | in | | C | ermopla cables in etallic tr | | Thermoplastic /SWA cables | | | Thermosetting /SWA cables | | | | Mineral insulated cables | | | FP200 | | | | | |

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.