

Date of completion 24/10/16

Description of the wiring works
 EXTENSION TO GROUND FLOOR
 Ring MAIN (CIRCUIT 2) UNDER RAMP
 HEATING MAT. NEW LOTS DISCONNECT & RING

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements TN-C-S ☐ TN-S ☒ TT ☐

Protective measures against electric shock ADS ☒ Other ☐

Overcurrent protective device for the modified circuit: (BS EN) 60898 Type B Rating 32 A

Residual current device (if applicable): (BS EN) 61009 Type S Rating 30 mA

Details of wiring system: Type PVC CABLES Reference method 101 Size of live conductors 25 mm² Size of CPC 16 mm²

Where the protective measure against electric shock is ADS, insert maximum disconnection time permitted by BS 7671 0.5 s Maximum Z_s permitted by BS 7671 1.20 Ω

Comments, if any, on existing installation, including adequacy of earthing and bonding arrangements (see Regulation 132.16): NONE

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS (Essential inspections and tests)

1 Confirmation that necessary inspections have been undertaken <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	2 Confirmation of the adequacy of earthing <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
3 Circuit resistance (R ₁₊₂) N/A Ω or 0.12 Ω	4 Confirmation of the adequacy of protective bonding <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Insulation resistance: (For a multi-phase circuit, record the lowest or lowest value, or separate)	5 Confirmation of correct polarity <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Line/Line* N/A V	6 Earth fault loop impedance Z _s 0.34 Ω
Line/Neutral* +279 V	7 RCD tested 28.26 ms
Line/Earth* +279 V	8 RCD type or 1 x I _{Δn} if applicable 30.32 ms
Neutral/Earth* +279 V	

Agreed limitations, if any, on the inspection and testing: NONE

PART 4: DECLARATION

We certify that the above electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown⁶ and that, to the best of my/our knowledge and belief,