

ELECTRICAL INSTALLATION CERTIFICATE
(BS 7671:2001 as amended)

1093 - Duplicate

CLARKSON
Evans

DETAILS OF THE CLIENT

Client/Address: Wimpey Homes., Wimpey SWest, Windmill Business Park., Swindon.,

DETAILS OF THE INSTALLATION

Installation Address: Centrium Churchward., Swindon., Area 1

The installation is:

New

Extent of the installation covered in this certificate: Circuits & accessories to communal areas only.

An Addition

An alteration

FOR DESIGN

I/We being the person(s) responsible for the design of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I/We have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001 amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the DESIGN of the installation:

| | | | | |
|-----------|------|------|----------------|---------------|
| Signature | Date | Name | Steve Clarkson | Designer 1 |
| Signature | Date | Name | | Designer 2 ** |

**(where there is mutual responsibility for the design)

FOR CONSTRUCTION

I/We being the person(s) responsible for the construction of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I/We have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001 amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the CONSTRUCTION of the installation:

| | | | | |
|-----------|------|------|----------------|-------------|
| Signature | Date | Name | Steve Clarkson | Constructor |
|-----------|------|------|----------------|-------------|

FOR INSPECTION & TESTING

I/We being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the inspection and testing hereby CERTIFY that the work for which I/we have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001, amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the INSPECTION and TEST of the installation:

| | | | | |
|-------------|------|------|-----------------|-----------------------|
| Signature | Date | Name | Ian Horley | Inspector |
| Reviewed by | | | | |
| Signature | Date | Name | Charles Summers | Qualifying Supervisor |

PARTICULARS OF THE SIGNATORIES TO THE ELECTRICAL INSTALLATION CERTIFICATE

| | | | | |
|------------------------|--|----------------|--|-------|
| DESIGNER (No 1) | Organisation | Clarkson Evans | | |
| Address | Meteor Business Park Cheltenham Rd. East Gloucester. | | NICEIC Enrolment No. (where appropriate) | 24415 |
| | GL2 9QL | | Branch No. (if applicable) | n/a |
| DESIGNER (No 2) | Organisation | | | |
| Address | | | Enrolment No. (where appropriate) | |
| | | | Branch No. (if applicable) | |
| CONSTRUCTOR | Organisation | Clarkson Evans | | |
| Address | Meteor Business Park Cheltenham Rd. East Gloucester. | | NICEIC Enrolment No. (where appropriate) | 24415 |
| | GL2 9QL | | Branch No. (if applicable) | n/a |
| INSPECTOR | Organisation | Clarkson Evans | | |
| Address | Meteor Business Park Cheltenham Rd. East Gloucester. | | NICEIC Enrolment No. (where appropriate) | 24415 |
| | GL2 9QL | | Branch No. (if applicable) | n/a |

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| System Type(s) | Number and Type of Live Conductors | | | | Nature of Supply Parameters | | | | Supply protective device characteristics | | |
|----------------|------------------------------------|--------|------------------|--------|-----------------------------|----------------|---------|----------------|--|------------------------|--------|
| TN-S | | a.c. ✓ | | d.c. | Nominal Voltage | U | 230 V | U _o | 230 V | BS(EN) | |
| TN-C-S ✓ | 1-Phase (2 wire) | ✓ | 1-Phase (3 wire) | 2 Pole | Nominal frequency | f | 50 Hz | | | 1361 Fuse HBC | |
| TN-C | 2-Phase (3 wire) | | | 3 Pole | Prospective fault current | lpf | 1.36 kA | | | Type | |
| TT | 3-Phase (3 wire) | | 3-Phase (4 wire) | Other | External loop impedance | Z _e | 0.17 Ω | | | 1 | |
| IT | Other | | | | Number of supplies | | 1 | | | Nominal current rating | 8033 A |
| | | | | | | | | | | Short circuit capacity | kA |

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

| Means of Earthing | Details of Installation Earth Electrode (where applicable) | | |
|------------------------------|--|----------|-----------------------|
| Distributor's facility ✓ | Type (eg rod(s), tape etc) | Location | |
| Installation earth electrode | Electrode resistance, R _A | Ω | Method of measurement |

| Main Switch or Circuit-Breaker | | | | Maximum Demand (load) | | Method of protection against indirect contact | | | |
|--------------------------------|--------------------|--|--------|-----------------------|--------------------|---|-----------------|--|--|
| Type BS(EN) | 60947-3 | Voltage rating | 230 V | A per phase | | EEBAD | | | |
| No of poles | 2 | Current rating | 100 A | | | Main Protective Conductors | | Bonding of extraneous conductive parts | |
| Supply conductors material | Copper | RCD Operating current, I _{Δn} | N/A mA | Earthing Conductor | | Main equipotential bonding conductors | | Water Gas | |
| Supply conductors csa | 25 mm ² | RCD Operating time at, I _{Δn} | N/A ms | material | Copper | material | n/a | N/A N/A | |
| | | | | csa | 16 mm ² | csa | mm ² | Oil Steel | |
| | | | | Continuity check | ✓ | Continuity check | ✓ | N/A N/A | |
| | | | | | | | | Lightning Other | |
| | | | | | | | | N/A N/A | |

COMMENTS ON EXISTING INSTALLATION

Where appropriate comments on the existing installation are to be found on page(s) **6**

NEXT INSPECTION

I/We, the designer(s), RECOMMEND that this installation is further inspected and tested after an interval of not more than

5 Years

BOARD TESTS

| | | | | | | | | |
|--|----|--|---------------------------|--|----------------------------|------|-------|------|
| ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION | | | | TEST INSTRUMENTS (SERIAL NUMBERS) USED | | | | |
| Zs | Ω | Operating times of associated RCD (if any) | At I Δ n | ms | Earth fault loop impedance | 4340 | RCD | 4340 |
| Ip | kA | | At 5I Δ n (if applicable) | ms | Insulation resistance | 4340 | Other | N/A |
| | | | | | Continuity | 4340 | Other | N/A |

CIRCUIT TESTS

| Circuit number and phase | Circuit impedances | | | | | Insulation resistance | | | | Polarity | Maximum measured earth fault loop impedance | RCD operating times | |
|--------------------------|--|--------------------------|----------------------|--|----------------|-----------------------|---------------|-------------|---------------|----------|---|---------------------|---------------------------|
| | Ω | | | | | Phase/Phase | Phase/Neutral | Phase/Earth | Earth/Neutral | | | At I Δ n | At 5I Δ n (if applicable) |
| | Ring final circuits only (measured end to end) | | | All circuits (At least one column to be completed) | | | | | | | | | |
| | r ₁ (phases) | r _n (Neutral) | r ₂ (cpc) | R ₁ +R ₂ | R ₂ | | | | | | | | |
| 1/S | N/A | N/A | N/A | 2.20 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 2.33 | N/A | N/A |
| 2/S | N/A | N/A | N/A | 0.26 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 0.39 | N/A | N/A |
| 3/S | N/A | N/A | N/A | 0.07 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 0.20 | N/A | N/A |
| 4/S | N/A | N/A | N/A | 0.20 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 0.33 | N/A | N/A |
| 5/S | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6/S | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/S | N/A | N/A | N/A | 0.61 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 0.74 | 39.0 | 19.0 |
| 8/S | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9/S | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/S | - | - | - | - | - | - | - | - | - | - | - | - | - |

TESTED BY

Signature

Position

Inspector

Name

Ian Horley

Date of testing

Comments on existing installation continued from page 2

Cabling & associated items installed to acceptable standard .

EMERGENCY LIGHTING COMPLETION CERTIFICATE

1094 - Duplicate



DETAILS OF THE CLIENT

Client: Wimpey Homes.
 Address: Wimpey S/West
 Windmill Business Park.
 Swindon.

DETAILS OF THE INSTALLATION

Occupier: Communal area 1.
 Installation: Centrium Churchward.
 Address: Swindon.

Type of Installation: New Addition Alteration

BSI Installation Category: Various

Work carried out and covered by this certificate: Newly installed lighting/emergency units in communal areas only.

Work carried out and covered by this certificate shown on drawing number(s)
 (see section 3.3 of BS5266 Part 1): 1999

DESIGN

I/We hereby certify that the emergency lighting installation, or part thereof, at the above premises has been designed by me/us and to the best of my/our knowledge and belief, the system complies with the appropriate recommendations given in BS EN1838 and BS 5266 "Emergency lighting" Part 1: 1999 "Code of practice for the emergency lighting of premises other than cinemas and certain other specified premises used for entertainment", published by BSI, for a category Various installation, except as stated below. Photometric design data is appended to this certificate.

Company: Clarkson Evans
 Address: Meteor Business Park
 Cheltenham Rd. East
 Gloucester.
 GL2 9QL

NICEIC Enrolment Number: 24415

Signature: _____ Date: _____

Engineer
 Position
 Qualification

CONSTRUCTION

I/We hereby certify that the emergency lighting installation, or part thereof, at the above premises has been installed by me/us in accordance with the system designer's specification and to the best of my/our knowledge and belief, the installation complies with the appropriate recommendations given in BS EN 1838 and BS 5266 'Emergency lighting' Part 1: 1999 'Code of Practice for the emergency lighting of premises other than cinemas and certain other specified premises for entertainment', published by BSI, for a category Various installation, except as stated below.

| | | |
|----------------------------|--|---------------|
| Company | Clarkson Evans | Engineer |
| Address | Meteor Business Park Cheltenham Rd. East Gloucester. | Position |
| NICEIC Enrolment Number | GL2 9QL 24415 | Qualification |
| Signature | | Date |

INSPECTION AND TESTING

I/We hereby certify that the emergency lighting installation, or part thereof, at the above premises has been inspected and tested by me/us and to the best of my/our knowledge and belief, the installation complies at the time of my/our inspection with the recommendations given in BS EN 1838 and BS 5266 'Emergency lighting' Part 1: 1999 'Code of Practice for the emergency lighting of premises other than cinemas and certain other specified premises used for entertainment', published by BSI, for a category Various installation, except as stated below. Photometric verification data is appended, including light loss factors on photometric design, or the test data obtained from either authenticated data (see BS EN 1838) or the measurements carried out in accordance with annex A of BS 5266-1, 1999.

| | | | |
|----------------------------|---|---------------|------------|
| Company | Clarkson Evans. | Engineer | Ian Horley |
| Address | Meteor Business Park Cheltenham Rd. East Gloucester | Position | Inspector |
| NICEIC Enrolment Number | GL2 9QL% 24415 | Qualification | |
| Signature | | Date | |

Details of variation from the code of practice: (BS 5266: Part 1: 1988)

None.

ELECTRICAL INSTALLATION CERTIFICATE (BS 7671:2001 as amended)

1107 - Duplicate



DETAILS OF THE CLIENT

Client/Address: Wimpey Homes., Wimpey S/West, Windmill Business Park., Swindon.,

DETAILS OF THE INSTALLATION

Installation/Address: Centrum Swindon., Communal area 2.,

The installation is:

- New
- An Addition
- An alteration

Extent of the installation covered in this certificate: Circuits & accessories in communal areas only.

FOR DESIGN

I/We being the person(s) responsible for the design of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I/We have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001 amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None.

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the DESIGN of the installation:

Signature: _____ Date: _____ Name: Steve Clarkson Designer 1
Signature: _____ Date: _____ Name: _____ Designer 2 **
**(where there is mutual responsibility for the design)

FOR CONSTRUCTION

I/We being the person(s) responsible for the construction of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I/We have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001 amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None.

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the CONSTRUCTION of the installation:

Signature: _____ Date: _____ Name: Steve Clarkson Constructor

FOR INSPECTION & TESTING

I/We being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the inspection and testing hereby CERTIFY that the work for which I/we have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001, amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None.

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the INSPECTION and TEST of the installation:

Signature: _____ Date: _____ Name: Ian Horley Inspector
Reviewed by
Signature: _____ Date: _____ Name: Charles Summers Qualifying Supervisor

PARTICULARS OF THE SIGNATORIES TO THE ELECTRICAL INSTALLATION CERTIFICATE

| | | | | |
|------------------------|--|----------------|--|-------|
| DESIGNER (No 1) | Organisation | Clarkson Evans | | |
| Address | Meteor Business Park Cheltenham Rd. East Gloucester. | | NICEIC Enrolment No. (where appropriate) | 24415 |
| | GL2 9QL | | Branch No. (if applicable) | n/a |
| DESIGNER (No 2) | Organisation | | | |
| Address | | | Enrolment No. (where appropriate) | |
| | | | Branch No. (if applicable) | |
| CONSTRUCTOR | Organisation | Clarkson Evans | | |
| Address | Meteor Business Park Cheltenham Rd. East Gloucester. | | NICEIC Enrolment No. (where appropriate) | 24415 |
| | GL2 9QL | | Branch No. (if applicable) | n/a |
| INSPECTOR | Organisation | Clarkson Evans | | |
| Address | Meteor Business Park Cheltenham Rd. East Gloucester. | | NICEIC Enrolment No. (where appropriate) | 24415 |
| | GL2 9QL | | Branch No. (if applicable) | n/a |

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| System Type(s) | Number and Type of Live Conductors | | | Nature of Supply Parameters | | | | Supply protective device characteristics | |
|----------------|------------------------------------|------|------------------|-----------------------------|----------------|--------|---------------------------|--|------------------------|
| | a.c. | d.c. | | Nominal Voltage | U | 230 V | U _o | 230 V | BS(EN) |
| TN-S | ✓ | | | | | | | | 1361 Fuse HBC |
| TN-C-S | | ✓ | 1-Phase (3 wire) | Nominal frequency | f | 50 Hz | Prospective fault current | I _{pf} | 2 |
| TN-C | | | 2-Phase (3 wire) | External loop impedance | Z _e | 0.11 Ω | Number of supplies | 1 | Nominal current rating |
| TT | | | 3-Phase (4 wire) | | | | | | 80 A |
| IT | | | Other | | | | | | Short circuit capacity |
| | | | | | | | | | 33 kA |

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

| Means of Earthing | Details of Installation Earth Electrode (where applicable) | | |
|------------------------------|--|----------|-----------------------|
| Distributor's facility | Type (eg rod(s), tape etc) | Location | |
| Installation earth electrode | Electrode resistance, R _A | Ω | Method of measurement |

| Main Switch or Circuit-Breaker | | | | Maximum Demand (load) | | Method of protection against indirect contact | |
|--------------------------------|--------------------|--|--------|--|--------------------|---|-----------------|
| Type BS(EN) | 60947-3 | Voltage rating | 500 V | A per phase | | EEBAD | |
| No of poles | 2 | Current rating | 100 A | Main Protective Conductors | | | |
| Supply conductors material | Copper | RCD Operating current, I _{Δn} | N/A mA | Earthing Conductor | | Main equipotential bonding conductors | |
| Supply conductors csa | 25 mm ² | RCD Operating time at I _{Δn} | N/A ms | material | Copper | material | n/a |
| | | | | csa | 16 mm ² | csa | mm ² |
| | | | | Continuity check | ✓ | Continuity check | ✓ |
| | | | | Bonding of extraneous conductive parts | | | |
| | | | | | | Water | Gas |
| | | | | | | N/A | N/A |
| | | | | | | Oil | Steel |
| | | | | | | N/A | N/A |
| | | | | | | Lightning | Other |
| | | | | | | N/A | N/A |

COMMENTS ON EXISTING INSTALLATION

Where appropriate comments on the existing installation are to be found on page(s) **6**

NEXT INSPECTION

I/We, the designer(s), RECOMMEND that this installation is further inspected and tested after an interval of not more than **5 Years**

SCHEDULE OF ITEMS INSPECTED (see section 712 of BS 7671: 2001)

Method of protection against electric shock:

- N/A (i) SELV
- N/A (ii) Limitation of discharge of energy

Protection against direct contact:

- ✓ (i) Insulation of live parts
- ✓ (ii) Barriers or enclosures
- N/A (iii) Obstacles
- N/A (iv) Placing out of reach
- N/A (v) PELV
- ✓ (vi) Presence of RCD for supplementary protection

Protection against indirect contact:

- ✓ (i) EEBAD including:
 - Presence of earthing conductors
 - Presence of circuit protective conductors
- N/A Presence of main equipotential bonding conductors
- N/A Presence of supplementary equipotential bonding conductors
- ✓ Presence of earthing arrangements for combined protective and functional purposes
- N/A Presence of adequate arrangements for alternate sources, where applicable
- ✓ Presence of residual current devices
- N/A (ii) Use of Class II equipment or equivalent insulation
- N/A (iii) Non-conducting location:
 - Absence of protective conductors
- N/A (iv) Earth-free local equipotential bonding:
 - Presence of earth-free equipotential bonding conductors
- N/A (v) Electrical separation

Prevention of mutual detrimental influence

- ✓
- N/A a. Proximity of non-electrical services and other influences
- N/A b. Segregation of Band 1 and Band 2 cables or Band 1 insulation used
- ✓ c. Segregation of safety circuits

Identification

- ✓ Presence of diagrams, instructions, circuit charts and similar information
- ✓ Presence of danger notices and other warning notices
- ✓ Labelling of protective devices, switches and terminals
- ✓ Identification of conductors

Cables and conductors

- ✓ Routing of cables in prescribed zones or within mechanical protection
- ✓ Connection of conductors
- ✓ Erection methods
- ✓ Selection of conductors for current-carrying capacity and voltage drop
- N/A Presence of fire barriers and protection against thermal effects

General

- ✓ Presence and correct location of appropriate devices for isolation and switching
- ✓ Adequacy of access to switchgear and other equipment
- N/A Particular protective measures for special installations and locations
- ✓ Connection of single pole devices for protection or switching in phase conductors only
- ✓ Correct connection of accessories and equipment
- N/A Presence of undervoltage protective devices
- ✓ Choice and setting of protective and monitoring devices (for protection against indirect contact and/or overcurrent)
- ✓ Selection of equipment and protective measures appropriate to external influences
- ✓ Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED (see section 713 of BS 7671: 2001)

- ✓ External earth fault loop impedance, Z_e
- N/A Installation earth electrode resistance, R_A
- ✓ Continuity of protective conductors
- N/A Continuity of ring final circuit conductors
- ✓ Insulation resistance between live conductors
- ✓ Insulation resistance between live conductors and earth
- N/A Site applied insulation
- N/A Protection by Separation of circuits
- N/A Protection against direct contact, by barrier or enclosure provided during erection
- N/A Insulation of non-conducting floors and walls
- ✓ Polarity
- ✓ Earth fault loop impedance, Z_s
- ✓ Operation of residual current devices
- ✓ Functional testing of assemblies

SCHEDULE OF ADDITIONAL RECORDS (see attached schedule)

Schedules of additional records are included on pages

4 - 6

✓ to indicate an inspection has been carried out and the result was satisfactory
 * to indicate an inspection has been carried out and the result was unsatisfactory
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N/A to indicate the inspection is not applicable

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

| | | | | | | | | |
|-----|----|--|-------------------------------------|----|----------------------------|------|-------|------|
| Zs | Ω | Operating times of associated RCD (if any) | At I _{Δn} | ms | Earth fault loop impedance | 4340 | RCD | 4340 |
| Ipf | kA | | At 5I _{Δn} (if applicable) | ms | Insulation resistance | 4340 | Other | N/A |
| | | | | | Continuity | 4340 | Other | N/A |

CIRCUIT TESTS

| Circuit number and phase | Circuit impedances | | | | | Insulation resistance | | | | Polarity | Maximum measured earth fault loop impedance | RCD operating times | |
|--------------------------|--|--------------------------|----------------------|--|----------------|-----------------------|---------------|-------------|---------------|----------|---|---------------------|-------------------------------------|
| | Ω | | | | | Phase/Phase | Phase/Neutral | Phase/Earth | Earth/Neutral | | | At I _{Δn} | At 5I _{Δn} (if applicable) |
| | Ring final circuits only (measured end to end) | | | All circuits (At least one column to be completed) | | | | | | | | | |
| | r ₁ (phases) | r _n (Neutral) | r ₂ (cpc) | R ₁ +R ₂ | R ₂ | | | | | | | | |
| 1/S | N/A | N/A | N/A | 1.30 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 1.41 | N/A | N/A |
| 2/S | N/A | N/A | N/A | 0.23 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 0.34 | N/A | N/A |
| 3/S | N/A | N/A | N/A | 0.08 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 0.19 | N/A | N/A |
| 4/S | N/A | N/A | N/A | 0.02 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 0.13 | N/A | N/A |
| 5/S | - | - | - | - | - | - | - | - | - | • | - | - | - |
| 6/S | - | - | - | - | - | - | - | - | - | • | - | - | - |
| 7/S | N/A | N/A | N/A | 0.87 | N/A | N/A | 200+ | 200+ | 200+ | ✓ | 0.98 | N/A | N/A |
| 8/S | - | - | - | - | - | - | - | - | - | • | - | - | - |
| 9/S | - | - | - | - | - | - | - | - | - | • | - | - | - |
| 10/S | - | - | - | - | - | - | - | - | - | • | - | - | - |

TESTED BY

Signature

Name

Ian Horley

Position

Date of testing

Inspector

Comments on existing installation continued from page 2

Circuits & accessories installed to acceptable standard .

EMERGENCY LIGHTING COMPLETION CERTIFICATE

1108 - Duplicate



DETAILS OF THE CLIENT

Client

Wimpey Homes.

Address

Wimpey S/West
Windmill Business Park.
Swindon.

DETAILS OF THE INSTALLATION

Occupier

Communal.

Installation

Centrum Swindon.

Address

Communal area 2.

Type of Installation



New

Addition

Alteration

BSI Installation Category

Various

Work carried out and covered by this certificate

Newly installed lighting/emergency units in communal areas only.

Work carried out and covered by this certificate shown on drawing number(s)
(see section 3.3 of BS5266 Part 1) : 1999

DESIGN

I/We hereby certify that the emergency lighting installation, or part thereof, at the above premises has been designed by me/us and to the best of my/our knowledge and belief, the system complies with the appropriate recommendations given in BS EN1838 and BS 5266 "Emergency lighting" Part 1: 1999 "Code of practice for the emergency lighting of premises other than cinemas and certain other specified premises used for entertainment", published by BSI, for a category Various installation, except as stated below. Photometric design data is appended to this certificate.

Company

Clarkson Evans

Engineer

Address

Meteor Business Park
Cheltenham Rd. East
Gloucester.

Position

GL2 9QL

Qualification

NICEIC
Enrolment Number

24415

Signature

Date

CONSTRUCTION

I/We hereby certify that the emergency lighting installation, or part thereof, at the above premises has been installed by me/us in accordance with the system designer's specification and to the best of my/our knowledge and belief, the installation complies with the appropriate recommendations given in BS EN 1838 and BS 5266 'Emergency lighting' Part 1: 1999 'Code of Practice for the emergency lighting of premises other than cinemas and certain other specified premises for entertainment', published by BSI, for a category Various installation, except as stated below.

Company: Clarkson Evans

Address: Meteor Business Park
Cheltenham Rd. East
Gloucester.
GL2 9QL

NICEIC Enrolment Number: 24415

Signature: _____

Engineer: _____

Position: _____

Qualification: _____

Date: _____

INSPECTION AND TESTING

I/We hereby certify that the emergency lighting installation, or part thereof, at the above premises has been inspected and tested by me/us and to the best of my/our knowledge and belief, the installation complies at the time of my/our inspection with the recommendations given in BS EN 1838 and BS 5266 'Emergency lighting' Part 1: 1999 'Code of Practice for the emergency lighting of premises other than cinemas and certain other specified premises used for entertainment', published by BSI, for a category Various installation, except as stated below. Photometric verification data is appended, including light loss factors on photometric design, or the test data obtained from either authenticated data (see BS EN 1838) or the measurements carried out in accordance with an annex A of BS 5266-1, 1999.

Company: Clarkson Evans

Address: Meteor Business Park
Cheltenham Rd. East
Gloucester.
GL2 9QL

NICEIC Enrolment Number: 24415

Signature: _____

Engineer: Ian Horley

Position: Inspector

Qualification: _____

Date: _____

Details of variation from the code of practice: (BS 5266: Part 1: 1988)

None.

ELECTRICAL INSTALLATION CERTIFICATE (BS 7671:2001 as amended)

1226 - Duplicate



DETAILS OF THE CLIENT

Client/Address: Wimpey Homes, Station Rd., Solihull, West Midlands., B91 3RT,

DETAILS OF THE INSTALLATION

Installation/Address: Comm ~~249/250~~, Centrum, Swindon.,

Com 7

The installation is:

- New
- An Addition
- An alteration

Extent of the installation covered in this certificate: Cabling & circuits associated with communal areas.

FOR DESIGN

I/We being the person(s) responsible for the design of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I/We have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001 amended to March 2005 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None.

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the DESIGN of the installation:

| | | | | |
|-----------|------|------|----------------|---------------|
| Signature | Date | Name | Steve Clarkson | Designer 1 |
| Signature | Date | Name | | Designer 2 ** |

** (where there is mutual responsibility for the design)

FOR CONSTRUCTION

I/We being the person(s) responsible for the construction of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I/We have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001 amended to March 2005 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None.

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the CONSTRUCTION of the installation:

| | | | | |
|-----------|------|------|----------------|-------------|
| Signature | Date | Name | Steve Clarkson | Constructor |
|-----------|------|------|----------------|-------------|

FOR INSPECTION & TESTING

I/We being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the inspection and testing hereby CERTIFY that the work for which I/we have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001, amended to March 2005 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the INSPECTION and TEST of the installation:

| | | | | |
|-----------|------|------|------------|-----------|
| Signature | Date | Name | Ian Horley | Inspector |
|-----------|------|------|------------|-----------|

Reviewed by

| | | | | |
|-----------|------|------|-----------------|-----------------------|
| Signature | Date | Name | Charles Summers | Qualifying Supervisor |
|-----------|------|------|-----------------|-----------------------|

PARTICULARS OF THE SIGNATORIES TO THE ELECTRICAL INSTALLATION CERTIFICATE

| | | | | |
|-----------------|--|----------------|--|-------|
| DESIGNER (No 1) | Organisation | Clarkson Evans | NICEIC Enrolment No. (where appropriate) | 24415 |
| Address | Meteor Business Park Cheltenham Rd. East. Gloucester | | Branch No. (if applicable) | n/a |
| | | GL2 9QL | | |
| DESIGNER (No 2) | Organisation | | Enrolment No. (where appropriate) | |
| Address | | | Branch No. (if applicable) | |
| CONSTRUCTOR | Organisation | Clarkson Evans | NICEIC Enrolment No. (where appropriate) | 24415 |
| Address | Meteor Business Park Cheltenham Rd. East. Gloucester | | Branch No. (if applicable) | n/a |
| | | GL2 9QL | | |
| INSPECTOR | Organisation | Clarkson Evans | NICEIC Enrolment No. (where appropriate) | 24415 |
| Address | Meteor Business Park Cheltenham Rd. East. Gloucester | | Branch No. (if applicable) | n/a |
| | | GL2 9QL | | |

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| System Type(s) | Number and Type of Live Conductors | | | | Nature of Supply Parameters | | | | Supply protective device characteristics | | | | | |
|----------------|------------------------------------|------|------------------|------------------|-----------------------------|----------------|-------|----------------|--|--------|------|----|------------------------|-------|
| | a.c. | d.c. | | | Nominal Voltage | U | 400 V | U _o | 230 V | BS(EN) | | | | |
| TN-S | ✓ | | | | Nominal frequency | f | 50 | Hz | Prospective fault current | lpf | 1.55 | kA | 1361 Fuse HBC | |
| TN-C-S | | ✓ | 1-Phase (2 wire) | 1-Phase (3 wire) | External loop impedance | Z _e | 0.16 | Ω | Number of supplies | | 1 | | Type | 2 |
| TN-C | | | 2-Phase (3 wire) | 3 Pole | | | | | | | | | Nominal current rating | 80 A |
| TT | | | 3-Phase (3 wire) | 3-Phase (4 wire) | Other | | | | | | | | Short circuit capacity | 33 kA |
| IT | | | Other | | | | | | | | | | | |

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

| Means of Earthing | Details of Installation Earth Electrode (where applicable) | | |
|------------------------------|--|-----------------------|---|
| Distributor's facility | Type (eg rod(s), tape etc) | Location | |
| Installation earth electrode | Electrode resistance, R _A | Method of measurement | Ω |
| ✓ | | | |

| Main Switch or Circuit-Breaker | | | | Maximum Demand (load) | | Method of protection against indirect contact | | | | | |
|--------------------------------|--------------------|--|--------|----------------------------|--------------------|---|-----|---------------------------------------|-----|--|-------|
| Type BS(EN) | 60947-3 | Voltage rating | 500 V | A per phase | | EEBAD | | | | | |
| No of poles | 2 | Current rating | 100 A | Main Protective Conductors | | Earthing Conductor | | Main equipotential bonding conductors | | Bonding of extraneous conductive parts | |
| Supply conductors material | Copper | RCD Operating current, I _{Δn} | N/A mA | material | Copper | material | N/A | material | N/A | Water | Gas |
| Supply conductors csa | 25 mm ² | RCD Operating time at, I _{Δn} | N/A ms | csa | 16 mm ² | csa | | mm ² | | Oil | Steel |
| | | | | Continuity check | ✓ | Continuity check | | | | Lightning | Other |
| | | | | | | | | | | N/A | N/A |

COMMENTS ON EXISTING INSTALLATION

Where appropriate comments on the existing installation are to be found on page(s) **6**

NEXT INSPECTION

I/We, the designer(s), RECOMMEND that this installation is further inspected and tested after an interval of not more than **5 Years**

SCHEDULE OF ITEMS INSPECTED (see section 712 of BS 7671: 2001)

Method of protection against electric shock:

- N/A (i) SELV
- N/A (ii) Limitation of discharge of energy

Prevention of mutual detrimental influence

- ✓ a. Proximity of non-electrical services and other influences
- N/A b. Segregation of Band 1 and Band 2 cables or Band 1 insulation used
- N/A c. Segregation of safety circuits

Protection against direct contact:

- ✓ (i) Insulation of live parts
- ✓ (ii) Barriers or enclosures
- N/A (iii) Obstacles
- N/A (iv) Placing out of reach
- N/A (v) PELV
- ✓ (vi) Presence of RCD for supplementary protection

Identification

- ✓ Presence of diagrams, instructions, circuit charts and similar information
- ✓ Presence of danger notices and other warning notices
- ✓ Labelling of protective devices, switches and terminals
- ✓ Identification of conductors

Protection against indirect contact:

- ✓ (i) EEBAD including:
 - ✓ Presence of earthing conductors
 - ✓ Presence of circuit protective conductors
 - N/A Presence of main equipotential bonding conductors
 - N/A Presence of supplementary equipotential bonding conductors
 - ✓ Presence of earthing arrangements for combined protective and functional purposes
 - N/A Presence of adequate arrangements for alternate sources, where applicable
 - ✓ Presence of residual current devices
- N/A (ii) Use of Class II equipment or equivalent insulation
- N/A (iii) Non-conducting location:
 - N/A Absence of protective conductors
- N/A (iv) Earth-free local equipotential bonding:
 - N/A Presence of earth-free equipotential bonding conductors
- N/A (v) Electrical separation

Cables and conductors

- ✓ Routing of cables in prescribed zones or within mechanical protection
- ✓ Connection of conductors
- ✓ Erection methods
- ✓ Selection of conductors for current-carrying capacity and voltage drop
- N/A Presence of fire barriers and protection against thermal effects

General

- ✓ Presence and correct location of appropriate devices for isolation and switching
- ✓ Adequacy of access to switchgear and other equipment
- N/A Particular protective measures for special installations and locations
- ✓ Connection of single pole devices for protection or switching in phase conductors only
- ✓ Correct connection of accessories and equipment
- N/A Presence of undervoltage protective devices
- ✓ Choice and setting of protective and monitoring devices (for protection against indirect contact and/or overcurrent)
- ✓ Selection of equipment and protective measures appropriate to external influences
- ✓ Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED (see section 713 of BS 7671: 2001)

| | | | |
|-----|---|-----|---|
| ✓ | External earth fault loop impedance, Z_e | N/A | Protection by Separation of circuits |
| N/A | Installation earth electrode resistance, R_A | N/A | Protection against direct contact, by barrier or enclosure provided during erection |
| ✓ | Continuity of protective conductors | N/A | Insulation of non-conducting floors and walls |
| N/A | Continuity of ring final circuit conductors | ✓ | Polarity |
| ✓ | Insulation resistance between live conductors | ✓ | Earth fault loop impedance, Z_s |
| ✓ | Insulation resistance between live conductors and earth | ✓ | Operation of residual current devices |
| N/A | Site applied insulation | ✓ | Functional testing of assemblies |

SCHEDULE OF ADDITIONAL RECORDS (see attached schedule)

Schedules of additional records are included on pages

4 - 6

✓ to indicate an inspection has been carried out and the result was satisfactory
 * to indicate an inspection has been carried out and the result was unsatisfactory
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N/A to indicate the inspection is not applicable

Comments on existing installation continued from page 2

All cabling & accessories within communal areas installed to acceptable standard .

Comments on existing installation continued from page 2

All cabling & accessories within communal areas installed to acceptable standard.

ELECTRICAL INSTALLATION CERTIFICATE (BS 7671:2001 as amended)

1255 - Duplicate



DETAILS OF THE CLIENT

Client/Address: Wimpey Homes, Station Rd., Solihull, West Midlands., B91 3RT,

DETAILS OF THE INSTALLATION

Installation/Address: Centrum.Swindon., Swindon. Communal 9.,

The installation is:

- New
- An Addition
- An alteration

Extent of the installation covered in this certificate: Circuits & accessories in communal areas only .

FOR DESIGN

I/We being the person(s) responsible for the design of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I/We have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001 amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the DESIGN of the installation:

Signature: _____ Date: _____ Name: Steve Clarkson Designer 1
Signature: _____ Date: _____ Name: _____ Designer 2 **
**(where there is mutual responsibility for the design)

FOR CONSTRUCTION

I/We being the person(s) responsible for the construction of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I/We have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001 amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None.

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the CONSTRUCTION of the installation:

Signature: _____ Date: _____ Name: Steve Clarkson Constructor

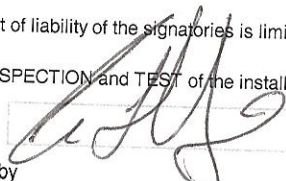
FOR INSPECTION & TESTING

I/We being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, have exercised reasonable skill and care when carrying out the inspection and testing hereby CERTIFY that the work for which I/we have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671:2001, amended to December 2004 except for the departures, if any detailed as follows:

Details of departures from BS 7671:2001 as amended (Regulations 120-01-03, 120-02): None.

The extent of liability of the signatories is limited to the work described above as the subject of this certificate.

For the INSPECTION and TEST of the installation:

Signature:  Date: 13-4-05 Name: Ian Horley Inspector

Reviewed by: _____ Date: _____ Name: Charles Summers Qualifying Supervisor

PARTICULARS OF THE SIGNATORIES TO THE ELECTRICAL INSTALLATION CERTIFICATE

| | | | | |
|-----------------|--|----------------|--|-------|
| DESIGNER (No 1) | Organisation | Clarkson Evans | NICEIC Enrolment No. (where appropriate) | 24415 |
| Address | Meteor Business Park Cheltenham Rd. East. Gloucester | | Branch No. (if applicable) | n/a |
| | GL2 9QL | | | |
| DESIGNER (No 2) | Organisation | | Enrolment No. (where appropriate) | |
| Address | | | Branch No. (if applicable) | |
| CONSTRUCTOR | Organisation | Clarkson Evans | NICEIC Enrolment No. (where appropriate) | 24415 |
| Address | Meteor Business Park Cheltenham Rd. East. Gloucester | | Branch No. (if applicable) | n/a |
| | GL2 9QL | | | |
| INSPECTOR | Organisation | Clarkson Evans | NICEIC Enrolment No. (where appropriate) | 24415 |
| Address | Meteor Business Park Cheltenham Rd. East. Gloucester | | Branch No. (if applicable) | n/a |
| | GL2 9QL | | | |

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| System Type(s) | Number and Type of Live Conductors | | | | Nature of Supply Parameters | | | | Supply protective device characteristics | | | | |
|----------------|------------------------------------|---|------------------|--------|-----------------------------|-----------------|------|----|--|-----|---|------------------------|-------|
| TN-S | a.c. | ✓ | d.c. | | Nominal Voltage | U | 230 | V | U _o | 230 | V | BS(EN) | |
| TN-C-S ✓ | 1-Phase (2 wire) | ✓ | 1-Phase (3 wire) | 2 Pole | Nominal frequency | f | 50 | Hz | | | | 1361 Fuse HBC | |
| TN-C | 2-Phase (3 wire) | | | 3 Pole | Prospective fault current | I _{pf} | 2.6 | kA | | | | Type | |
| TT | 3-Phase (3 wire) | | 3-Phase (4 wire) | Other | External loop impedance | Z _e | 0.10 | Ω | | | | 2 | |
| IT | Other | | | | Number of supplies | | 1 | | | | | Nominal current rating | 80 A |
| | | | | | | | | | | | | Short circuit capacity | 33 kA |

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

| Means of Earthing | | Details of Installation Earth Electrode (where applicable) | | | | |
|--------------------------------|--------------------|--|-----------------------|-----------------------|---|---------------------------------------|
| Distributor's facility | ✓ | Type (eg rod(s), tape etc) | Location | | | |
| Installation earth electrode | | Electrode resistance, R _A | Ω | Method of measurement | | |
| Main Switch or Circuit-Breaker | | | Maximum Demand (load) | | Method of protection against indirect contact | |
| Type BS(EN) | 60947-3 | Voltage rating | 230 | V | EEBAD | |
| No of poles | 2 | Current rating | 100 | A | Main Protective Conductors | |
| Supply conductors material | Copper | RCD Operating current, I _{Δn} | N/A | mA | Earthing Conductor | Main equipotential bonding conductors |
| Supply conductors csa | 25 mm ² | RCD Operating time at, I _{Δn} | N/A | ms | material Copper | material n/a |
| | | | | | csa 16 mm ² | csa mm ² |
| | | | | | Continuity check | Continuity check |
| | | | | | ✓ | ✓ |
| | | Bonding of extraneous conductive parts | | | | |
| | | Water | Gas | | | |
| | | N/A | N/A | | | |
| | | Oil | Steel | | | |
| | | N/A | N/A | | | |
| | | Lightning | Other | | | |
| | | N/A | N/A | | | |

COMMENTS ON EXISTING INSTALLATION

Where appropriate comments on the existing installation are to be found on page(s) 6

NEXT INSPECTION

I/We, the designer(s), RECOMMEND that this installation is further inspected and tested after an interval of not more than 5 Years

SCHEDULE OF ITEMS INSPECTED (see section 712 of BS 7671: 2001)

Method of protection against electric shock:

- N/A (i) SELV
- N/A (ii) Limitation of discharge of energy

Prevention of mutual detrimental influence

- ✓ a. Proximity of non-electrical services and other influences
- N/A b. Segregation of Band 1 and Band 2 cables or Band 1 insulation used
- ✓ c. Segregation of safety circuits

Protection against direct contact:

- ✓ (i) Insulation of live parts
- ✓ (ii) Barriers or enclosures
- N/A (iii) Obstacles
- N/A (iv) Placing out of reach
- N/A (v) PELV
- ✓ (vi) Presence of RCD for supplementary protection

Identification

- ✓ Presence of diagrams, instructions, circuit charts and similar information
- ✓ Presence of danger notices and other warning notices
- ✓ Labelling of protective devices, switches and terminals
- ✓ Identification of conductors

Protection against indirect contact:

- ✓ (i) EEBAD including:
 - Presence of earthing conductors
 - Presence of circuit protective conductors
 - N/A Presence of main equipotential bonding conductors
 - N/A Presence of supplementary equipotential bonding conductors
 - ✓ Presence of earthing arrangements for combined protective and functional purposes
 - N/A Presence of adequate arrangements for alternate sources, where applicable
 - ✓ Presence of residual current devices
- N/A (ii) Use of Class II equipment or equivalent insulation
- N/A (iii) Non-conducting location:
 - Absence of protective conductors
- N/A (iv) Earth-free local equipotential bonding:
 - Presence of earth-free equipotential bonding conductors
- N/A (v) Electrical separation

Cables and conductors

- ✓ Routing of cables in prescribed zones or within mechanical protection
- ✓ Connection of conductors
- ✓ Erection methods
- ✓ Selection of conductors for current-carrying capacity and voltage drop
- N/A Presence of fire barriers and protection against thermal effects

General

- ✓ Presence and correct location of appropriate devices for isolation and switching
- ✓ Adequacy of access to switchgear and other equipment
- N/A Particular protective measures for special installations and locations
- ✓ Connection of single pole devices for protection or switching in phase conductors only
- ✓ Correct connection of accessories and equipment
- N/A Presence of undervoltage protective devices
- ✓ Choice and setting of protective and monitoring devices (for protection against indirect contact and/or overcurrent)
- ✗ Selection of equipment and protective measures appropriate to external influences
- ✓ Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED (see section 713 of BS 7671: 2001)

| | | | |
|-----|---|-----|---|
| ✓ | External earth fault loop impedance, Z_e | N/A | Protection by Separation of circuits |
| N/A | Installation earth electrode resistance, R_A | N/A | Protection against direct contact, by barrier or enclosure provided during erection |
| ✓ | Continuity of protective conductors | N/A | Insulation of non-conducting floors and walls |
| N/A | Continuity of ring final circuit conductors | ✓ | Polarity |
| ✓ | Insulation resistance between live conductors | ✓ | Earth fault loop impedance, Z_s |
| ✓ | Insulation resistance between live conductors and earth | ✓ | Operation of residual current devices |
| N/A | Site applied insulation | ✓ | Functional testing of assemblies |

SCHEDULE OF ADDITIONAL RECORDS (see attached schedule)

Schedules of additional records are included on pages

✓ to indicate an inspection has been carried out and the result was satisfactory
 ✗ to indicate an inspection has been carried out and the result was unsatisfactory
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N/A to indicate the inspection is not applicable

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

1255 - Duplicate

BOARD DETAILS

| TO BE COMPLETED IN EVERY CASE | | ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION | | | |
|--------------------------------|------------------------|--|-------------------------|---|-------------------------------|
| Location of distribution board | Cupboard under stairs. | Supply to distribution board is from | Associated RCD (if any) | | |
| Distribution board designation | Landlords Supplies | No of phases | Nominal Voltage | V | BS(EN) |
| | | Overcurrent protective device for the distribution circuit | Rating | A | RCD No of poles |
| | | Type BS(EN) | | | RCD rating, $I_{\Delta n}$ mA |

CIRCUIT DETAILS

| Circuit number and phase | Circuit designation | Type of wiring | Reference method | No of points served | Circuit conductors csa | | Max. permitted disconnection time s | Overcurrent protective device | | | | RCD $I_{\Delta n}$ | Max. permitted Zs Ω | |
|--------------------------|--------------------------|----------------|------------------|---------------------|------------------------|---------------------|-------------------------------------|-------------------------------|---------|----------|---------------------------|--------------------|----------------------------|-------------|
| | | | | | Live mm ² | cpc mm ² | | BS(EN) | Type No | Rating A | Short circuit capacity kA | | | Op. current |
| | | | | | | | | | | | | | | |
| 1/S | Door entry/TV Supply. | A | 1 | 2 | 1 | 1 | 5 | 60898 MCB | B | 6 | 6 | N/A | 8.00 | |
| 2/S | Fire Alarm/Smoke vent. | O | 1 | 2 | 1.5 | 1.5 | 5 | 60898 MCB | B | 6 | 6 | N/A | 8.00 | |
| 3/S | SPARE | - | - | - | - | - | - | - | - | - | - | - | - | |
| 4/S | Emergency Exit signs. | | 3 | 4 | 1 | 1 | 5 | 60898 MCB | B | 6 | 6 | N/A | 8.00 | |
| 5/S | Communal lighting. | A | 3 | 8 | 1 | 1 | 5 | 60898 MCB | B | 6 | 6 | N/A | 8.00 | |
| 6/S | RCD Module (Split Board) | - | - | - | - | - | - | - | - | - | - | - | - | |
| 7/S | Comunal Sockets | A | 3 | 4 | 2.5 | 1.5 | 0.4 | 60898 MCB | B | 16 | 6 | N/A | 3.00 | |
| 8/S | SPARE | - | - | - | - | - | - | - | - | - | - | - | - | |
| 9/S | SPARE | - | - | - | - | - | - | - | - | - | - | - | - | |
| 10/S | SPARE | - | - | - | - | - | - | - | - | - | - | - | - | |

WIRING CODES

| A | B | C | D | E | F | G | H | O |
|----------------|--------------------------------|------------------------------------|---------------------------------|-------------------------------------|----------------|-----------------|--------------------------|-------|
| PVC/PVC cables | PVC cables in metallic conduit | PVC cables in non-metallic conduit | PVC cables in metallic trunking | PVC cables in non-metallic trunking | PVC/SWA cables | XLPE/SWA cables | Mineral insulated cables | Other |

Comments on existing installation continued from page 2

Circuits & accessories installed to acceptable standard .