TYPICAL LAYOUT

LEGEND

- FLEX OUTLET
- PULL SWITCH
- 45A PULL SWITCH
- TP TRIPLE POLE FAN ISOLATOR
- AKW BATHROOM LIGHT
- VENT AXIA EXTRACT FAN
- 30mA RCD 13A FUSED CONNECTION UNIT
- DASHED LINE INDICATES ZONE (1200mm From Shower Head) INSIDE WHICH NO OTHER ELECTRICAL EQUIPMENT MUST NOT BE INSTALLED.

All work shall be Designed; Installed and Tested to BS7671 IEE 17th edition Wiring Regulations 2008 and all applicable amendments.

Not withstanding the requirements noted above, all work shall be carried out in accordance with all relevant Statutory Regulations and the DDC Standard Specification.

On completion of the works a competent NICEIC registered electrical contractor; Registered in the Self Certification Scheme approved by the Government the Electrical Contractor shall issue a Signed Electrical Installation Certificate Pt.6 BS7671 (not a minor works certificate) to the Contract Administrator.

Note: “It is an obligation upon electrical contractor to inspect and report upon condition / faults ‘seen’ on existing wiring systems and installed consumer units, even if no work is carried out upon them. This shall be reported in writing to the DCC Contract administrator to act upon”.

It is recommended that the Electrical Contractor have a copy of The IEE 'ON-SITE GUIDE' available on site at all times for consultation and reference purposes by all parties.

ALL THE CIRCUITS OF THE LOCATION (BATHROOM \ SHOWER ROOM) MUST BE PROTECTED BY 30Ma RCD's

SHOWER:

To be wired in 10mm2 T+E pvc / pvc via. a 45A Double Pole Isolator Pull Cord Switch. Protected by a 40A 30ma RCD / RCBO.

If existing consumer unit is not compatible with RCD / RCBO's then a single way RCD unit shall be incorporated into the circuit adjacent to the main consumer unit.

LIGHTING & EXTRACT FAN:

Light fitting to be: Tamlite Tornado 38w 2D.

Extract Fan to be: Vent Axia VA 100 SVXP 12 Ref: 2583 10 BD 025. Pull cord and shutter. Extract Fan to be wired a Triple Pole Fan Isolator.

To be fitted with wall kit (White Ref: 254102; Brown Ref: 254100 and external cowl White Ref: 452094; Brown Ref: 452095)

If the existing lighting circuit does not already have 30ma RCD then it is to be wired via a 30ma RCD spur mounted outside the bathroom.

WALL MOUNTED CONVECTOR HEATER:

Heater to be: DIMPLEX FX20V TANGOHEAT fan heater.

To be spurred off the existing ring main in 2.5mm2 T+E pvc/pvc.

If the existing ring main circuit does not already have 30ma RCD then it is to be wired via a 30ma RCD spur mounted outside the bathroom.

The outlet for the heater and the heater itself shall be located outside of the zones as permitted in BS7671.

SHOWER PUMP:

To be spurred off the existing ring main in 2.5mm2 T+E pvc/pvc

If the existing ring main circuit does not already have 30ma RCD then it is to be wired via a 30ma RCD spur mounted outside the bathroom.

The outlet for the shower pump and the pump itself shall be located outside of the Zone as given in BS7671; Section 8.

Earthing and bonding shall be upgraded if required for the protective measure applied to the addition or alteration of any circuit.

Supplementary earth bonding of locations containing a bath or shower is required unless **ALL** the following apply:

- All circuits of the location meet the required disconnection times,
- All circuits of the location are additionally protected by 30mA RCDs,
- All extraneous-conductive parts within the location are effectively connected via the main protective equipotential bonding to the main earthing terminal.

Rev.	Details of Revision	Date	Initial
C	1200mm dim updated	Jun 15	SP
B	Further Revisions	Oct 09	AJH
A	Notes Revised.	Oct 09	AJH

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Project
DFG Standard Drawing 001

UPRN Number

Drawing Number: 001
Revision: C

Title
Bathroom/Shower Room Electrical Services Installation

Scale	Drawn	Checked
NTS	MS	
Original Size	Date	Date

Status

INVESTOR IN PEOPLE