



GENERAL

Where cables or conduits penetrate fire separating elements they will be adequately fire stopped and the openings around the cables or conduits will be kept as small as possible.

Switches, outlets and controls will comply with the following:

- o Wall mounted socket outlets, telephone points and TV sockets will be located between 400mm and 1000mm above the floor.
- o Switches for permanently wired appliances will be located between 400mm and 1,200mm above the floor.
- o Switches and controls that require precise hand movement to operate, e.g. conventional light switches, will be located between 750mm and 1,200mm above the floor.
- o Simple push button controls, e.g. door access buttons, will not be more than 1,200mm above the floor.
- o Pull chords for emergency alarm activation, e.g. those fitted in WCs designed for use by the disabled, will be coloured red, be located close to a wall and will have two red 50mm diameter bangles, one at 100mm and the other at between 800mm and 1,000mm above the floor.
- o Controls that need close vision, e.g. Digt locks, will be located between 1,200 and 1,400mm above the floor.
- o Socket outlets will be located consistently in relation to doorways and room corners and will not be closer than 350mm from room corners.
- o The lowest part of any lighting pull chord control will be between 900mm and 1,100mm above the floor and will be fitted with a 50mm bangle which contrasts visually with its background.
- o Switched socket outlets indicate whether they are "on".
- o Mains and circuit isolator switches will clearly indicate when they are "on" or "off".
- o The front plates of switches, outlets and controls will contrast visually with their backgrounds.

POWER INSTALLATION

Existing under floor bus-bar system.

To supply and install 3-compartment floor boxes complete with 1 no. 13A TSSO, 1 no. 4-gang data plate and 3/5M bus-bar tap off lead for connection to under floor busbar

Supply and install Electrak 4 gang Intersoc-R power module c/w 3/5M tap off lead and linking cables as indicated. 25mm Copex shielding to leads to exit RAF cable grommet and to be cable tied to desk framework. Power module to be fixed to desk cable trays.

Supply and install MK Albany matt chrome 13A T/S/S/O recessed to wall at 500mm f.f.f.l.

Supply and install MK Albany matt chrome 13A T/S/S/O recessed to wall above worktop at 1000mm to underside f.f.f.l. (Kitchen worktop power to be RCBO protected).

Supply and install MK Albany matt chrome 13A S/S/S/O recessed to wall at 500mm f.f.f.l. (MK Logic under kitchen worktop).

Supply and install MK Albany matt chrome switched fused connection unit recessed to wall above worktop at 1000mm to underside f.f.f.l.

Supply and install MK Logic 13A fused connection unit recessed to wall at 500 f.f.f.l for electric towel rail.

Supply and install MK Albany matt chrome 13A S/S/S/O recessed to wall at 500mm f.f.f.l. on dedicated RCBO protected circuit for cleaners power.

Supply and install MK Metalclad 13A S/S/S/O/fused connection units recessed to wall/above ceiling at high level for extract fan.

Supply and install MK Logic 13A S/S/S/O/fused connection units recessed to wall/above ceiling at high level for LCD screen and leak detection panel

Supply and install MK Logic 40A Isolator behind back panel for water heater

Supply and install undersink water heater see plumbing specification.

Supply and install MK Logic 45A DP switch at high level for shower unit

Supply and install leak detection see mechanical services plan.

Supply and install MK Commando 16A outlet od dedicated circuit with clean earth mounted to floor slab below cut out formed in RAF tile c/w plug and connection to data cabinet.

Supply and install MK 3 compartment white PVC trunking mounted to wall above worktop.

Supply and install cable grommet to RAF

Supply and install new RCBO's to existing distribution to replace existing MCB busbar protected circuits.

Test label and certify electrical installation. Provide full record drawings.

DATA AND VOICE INSTALLATION

Supply, install and wire to CAT6 structured cabling outlets as indicated terminated in desk pod unit fed from comms cabinet. 25mm Copex shielding to leads to exit RAF via cable grommet and to be cable tied to desk framework. Pod module to be fixed to desk cable trays.

Supply, install and wire to no. as indicated CAT6 outlets in MK Logic white outlet above ceiling/high level for TV screens.

Supply, install and wire to no. as indicated CAT6 outlets to match MK Albany matt chrome at height of adjacent power.

Supply, install and wire to no. as indicated CAT6 outlets to floor boxes.

Supply and install 1 no.1000 x 800mm 42U data cabinet, patch panels and PDU's as separate specification.

Test, label and certify data installation. Provide full record drawings.

B- 20-04-16 - Relocation of Commando unit to accommodate larger comms cabinet
A- 22-03-16 - Removal of Shower, towel rail, extract and associated power
Revision

CLIENT

Everett Capital Advisers

PROJECT

3rd Floor
112 Jermyn Street
London SW1Y 6LS

DRAWING

Power & Data Plan

SCALE

1:50@A1

DATE

Feb 16

DRAWN BY

PJ

DRAWING NO.

EN1258.09

REVISION

B

WORKSPACE

Workspace Design & Contracts Ltd
Thornton House, Thornton Road,
Wimbledon, London SW19 4NG

T 020 8405 6303

E info@workspace-design.co.uk

workspace-design.co.uk

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