

Electrical Legend:

- Single switched wall socket
- Double switched wall socket
- Double switched wall socket - IP rated
- Single switched wall socket - 1200mm above FFL
- Double switched wall socket - 1200mm above FFL
- Single switched fused spur - low level
- Fused spur
- Single switched fused spur - high level
- 1 gang light switch
- 2 gang light switch
- 1 gang 2 way light switch
- 2 gang 2 way light switch
- 1 gang 3 way light switch
- 2 gang 3 way light switch
- Pull cord light switch
- External IP rated light with dusk till dawn sensor
- External IP rated light - Bulkhead type with dusk till dawn sensor
- Recessed downlight
- Recessed IP rated downlight
- Wall light
- Pendant light fitting
- Fluorescent light
- TV aerial point
- Telephone & BT point
- Consumer Unit
- Mechanical Extract - Ceiling Mounted
- Mechanical Extract Wall Mounted
- Keycode entry system with intercom
- CCTV
- Security alarms
- Hand dryer

- Radiator - with individual thermostatic controls
- Thermostatic controls
- Fire alarm manual call point
- Audio sounder
- Visual alarm
- Heat detector
- Optical smoke alarm
- Carbon monoxide alarm
- Emergency lighting
- Illuminated fire exit signage
- External tap
- Approximate location of incoming services. Position to be agreed.
- Recessed LED downlights. Fitting to be agreed with the client. To have emergency lighting back-up
- Recessed LED flat panel lighting, 600 x 600mm, back lit, white. Fitting to be agreed with the client.
- Recessed LED flat panel lighting, 600 x 600mm, back lit, white. Fitting to be agreed with the client. To have emergency lighting back-up
- Wall mounted element LED outdoor IP65 / similar approved external wall light. To have emergency lighting back-up
- Recessed LED flat panel lighting, 600 x 600mm, back lit, white. Fitting to be agreed with the client. IP rated
- Recessed LED flat panel lighting, 600 x 600mm, back lit, white. Fitting to be agreed with the client. To have emergency lighting back-up, IP rated

GENERAL NOTES:

All electrical works to be in accordance with BS7671:2001, NICEIC & IEE Guidelines and approved document P of the current building regulations, where applicable.

All electrical works are to be inspected, tested and fully certified and carried out under the Electricity at Work Regulations 1989.

All towel radiators to be Kuxod steel premium range and are to be sized based upon the required energy performance and the heating system employed. To be confirmed by the M&E engineer.

Conventional wall mounted radiators to be provided. Radiators to be sized based upon the required energy performance and the heating system employed. To be confirmed by the M&E engineer.

All switches and sockets shall be located to comply with approved document M, section 8, diagram 29 of the current building regulations. All to be located within a range no lower than 450mm or higher than 1200mm from FFL. Specification for all switches and sockets to be confirmed by the client. For tender purposes please allow for standard white plastic.

All light fixtures and fittings to be mains operated and capable of taking low energy light bulbs. Light fittings to be specified by the client.

Mechanical extract to be in accordance with approved document F and M&E engineers details and specification.

All smoke and heat detectors to be mains operated with battery back-up to BS5446-1 and 2. They should be located a minimum of 300mm away from light fittings or any vertical surfaces.

Security alarm system and CCTV to be provided and specified by the client and specialist subcontractor.

Entrance doors to have access control, system to be specified by the client and fully detailed and designed by specialist.

Emergency lighting to be fully detailed and designed by specialist in accordance with BS5266-1:2005. HSSP drawing is indicative only. Please also refer to the room data sheets.

Fire alarm and detection system to be fully detailed and designed by specialist in accordance with BS5839-1. Please also refer to the room data sheets.

Emergency signage to be fully detailed and designed by specialist in accordance with BS5499-1:2002 and 4:2003. Guidance given by the HSE, Safety Signs and Signals Guidance on Regulations, should also be referenced too.

Emergency Voice Communication (EVC) system and associated signage provision to be provided at the refuge point, in accordance with BS5839-9:2003.

A warning system for people with impaired hearing to be provided in accordance with BS5839-1:2002

To be read in conjunction with HSSP Architects drawings numbers:



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Notes:
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PROPOSED ELECTRICAL LAYOUT
 Scale: 1:50 Drawn: SG Checked: NC Date: March '20
 Drawing No. 7801-04-009 Revision: B1