



PART F: VENTILATION –
System 1 : Background ventilation

For System 1 background ventilation rates for each type
Occupiable rooms: For floor areas up to 10 m² – 2500mm² equivalent area; greater than 10 m² – at a rate of 250mm² equivalent area per m² of floor area.
Background ventilators are to be located in all occupiable rooms.
For compliance a 5000mm² certified trickle vent to be provided to each habitable room

PART H: DRAINAGE & WASTE DISPOSAL, SVP's & WASTES

GUTTERS & RWP's

Provide rainwater goods as shown upon the plans. Copper half round gutters and copper downpipe

BELOW GROUND DRAINAGE

SW below ground drainage to be uPVC pipework connected to existing detention basin

THRESHOLD CHANNELS

Slimline threshold drainage channels to be provided at both level access entry points to building.

PART L: CONSERVATION OF FUEL & POWER

COLD AIR INFILTRATION

The limitation of outside cold air infiltration should be carried out by draught stripping windows and doors.
Air gaps behind plasterboard sealed at the perimeter with continuous ribbon of plaster adhesive.
Fill and seal gaps in the ceiling where plasterboard is penetrated by fittings and services and ensure that services are adequately boxed at floors and ceilings in accordance with Part L1 of the Building Regulations.
Insulate the gap between the last ceiling joist and the gable wall, fill all gaps between insulation boards and with structure at gable ends, ridge, eaves, abutments and roof penetrations with flexible sealant or expanding foam.

POWER & LIGHTING

Property to comply with Approved Doc. L2B. and the Non-Domestic Building Services Compliance Guide.
http://www.planningportal.gov.uk/uploads/br/non-domestic_building_compliance_guide_2010.pdf
Lighting 55 Luminaire Lumens per circuit-watt.
Installation generally in accordance with BS 767.
Lighting and power on separately controlled circuits too comply with BS 7671:2008.
Cabling to be in 20-25mm dia PVC conduits to BS EN 50086-1.
All cables to be Basec certified.
Consumer control unit/distribution board to BS 5486, BS EN 5486: Part 13 or BS EN 60439-3.
Main control switch dis-connector to BS EN 60947-3 or MCB to BS EN 60898.
Miniature circuit breakers to BS EN 60898.
RCD to BS 4293 or BS EN 61068-1 to protect lighting and power.
Location of switches and sockets to also comply with Part M.

METERS

External Meter boxes to be located as indicated / required by client and supplier and installed in accordance with statutory authority's guidelines and Local Authority approval.

PART M: ACCESS TO AND USE OF BUILDINGS

Main entrance doors to have level threshold and to comply with part M of the Building Regulations. Approach to threshold to have gradient not greater than 1:20 with a width not less than 900mm and a cross fall not greater than 1:40.
All new sockets and switches etc are to be located at least 450mm from finished floor level, but no greater than 1200mm above finished floor level.
All as set out M2 paragraph 8.3 diagram 29 of the Building Regulations.

PART N: GLAZING

All glazing in critical locations to be in accordance with BS 6206 and Approved Document N.

Laminated/toughened safety glass at glazed openings within 800mm of floor, 300mm of door to 1500 high, and full glazing to doors.
Transparent glazing, with which people are likely to come into contact while moving in or about the building, shall incorporate measures which make it apparent such as manifestation at a height of 1500mm above floor level. All in accordance with Part N Section 2.

PART P: DESIGN & INSTALLATION OF ELECTRICAL INSTALLATIONS

Where electrical installation work is to be carried out professionally, compliance is necessary with the Electricity at Work Regulations 1989 as amended, and in accordance with the Electrical Safety, Quality and Continuity Regulations 2002.

The contract for a mains supply, proposals for new installation of a mains supply or significant alterations to an existing mains supply must be agreed with the electricity distributor.

Where applicable common escape routes provided with escape lighting to BS 5266.

Electrical installations should be inspected and tested as necessary and appropriate during and at the end of installation, before they are taken into service, to verify that they are safe to use, maintain and alter and comply with Part P of the Building Regulations and with any other relevant Parts of the Building Regulations.

All electrical installations should be carried out by an installer registered with a Part P competent person self-certification scheme.

Service controls should be within 450mm – 1200mm from FFL and 300mm from any corner.

01	05-10-20	UPDATED WITH SITE LEVELS	AJM
Rev	Date	Description	By

CLIENT

CROWBOROUGH TOWN COUNCIL

PROJECT

CONTEMPLATION BUILDING

TITLE

SECTION B-B



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Drawn by: AJM	Approved by: JSS	Drawing Status: TENDER
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Scale 1:20 @ A1 Sheet 1 of 1	Date: JULY 2020
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