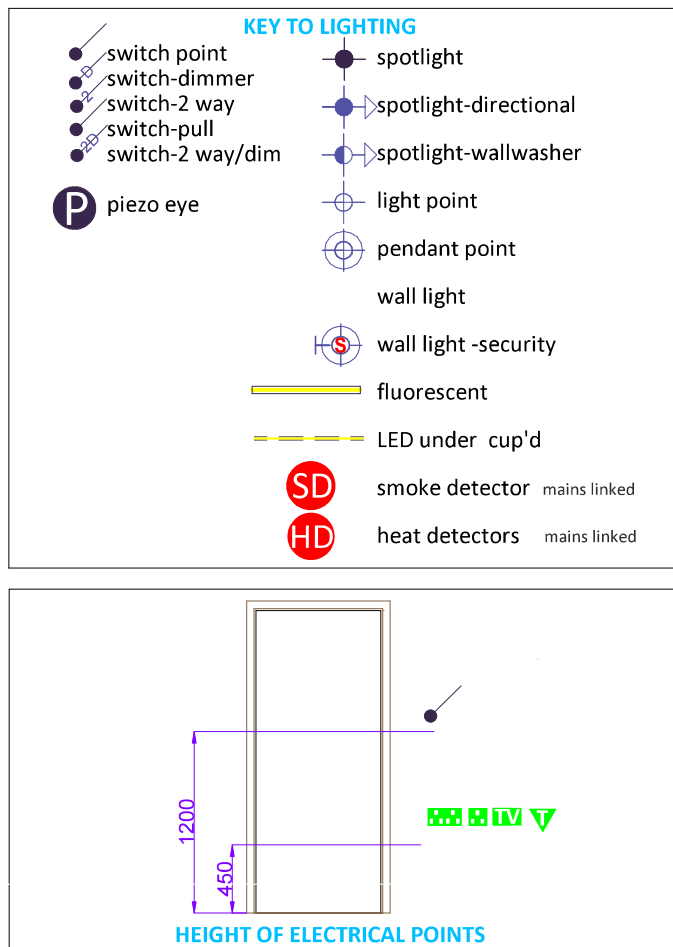




ELECTRICS [Part P REGULATIONS]

All wiring and electrical works will be designed, installed and inspected in accordance with the requirements of BS7671, the IEE 16th edition Wiring Guidance and Building Regulation Part P (electrical safety) by a competent person registered with an electrical self-certification scheme authorised by the Secretary of State (BRE, BSI, ELECSA, NAPIT or NICEIC).

The competent person is to send to the local authority a self-certification certificate within 30 days of completion of the electrical works. The client must receive both a copy of the self-certification certificate and a BS7671 Electrical Installation Test Certificate and forward copies to Building Control.

Internal lighting - 100% low energy light fittings located in accordance with AD part L1A

External lighting - in accordance with AD part L1A

EXTERNAL LIGHTING

External light fittings to be fitted as calculated in the DER and in compliance with the Domestic Building Services Compliance Guide. Light fitting to be either:

- a. lamp capacity not greater than 100 lamp-watts per light fitting and provided with automatic movement detecting devices (PIR) and automatic daylight sensors ensuring lights shut off automatically when not required.
- OR
- b. lamp efficacy greater than 45 lumens per circuit-watt; fitted with manual controls and automatic day light cut-off sensors so that lights switch off when daylight is sufficient

SMOKE ALARMS

Ceiling mounted - mains powered and interlinked - wired to separate fused circuit at the main distribution board in accordance with Regulation B1 of the Building Regulations, and to BS 5446 Part 1, interlinked to activate every fire alarm automatically. Generally positioned not more than 7.5m from any doors to habitable rooms and not more than 3.0m from any doors to bedrooms.

ENERGY EFFICIENT LIGHTING

fluorescent tubes, compact fluorescent lamps or LED lamps to spotlight to be fitted to all new rooms (excluding garage & loft)

EXTRACT AIR - TOILETS

Mechanical extract fan with extract rate of 15 litres/second operated by light switch to continue running for minimum of 15 minutes after light is switched off. Fan to give a minimum of 3 no. air changes per hour. fan to discharge externally via patent air-ducting system in suspended ceiling void to air brick in external wall with insect-proof screen, or grille in eaves soffit with insect-proof screen.

EXTRACT AIR - KITCHENS

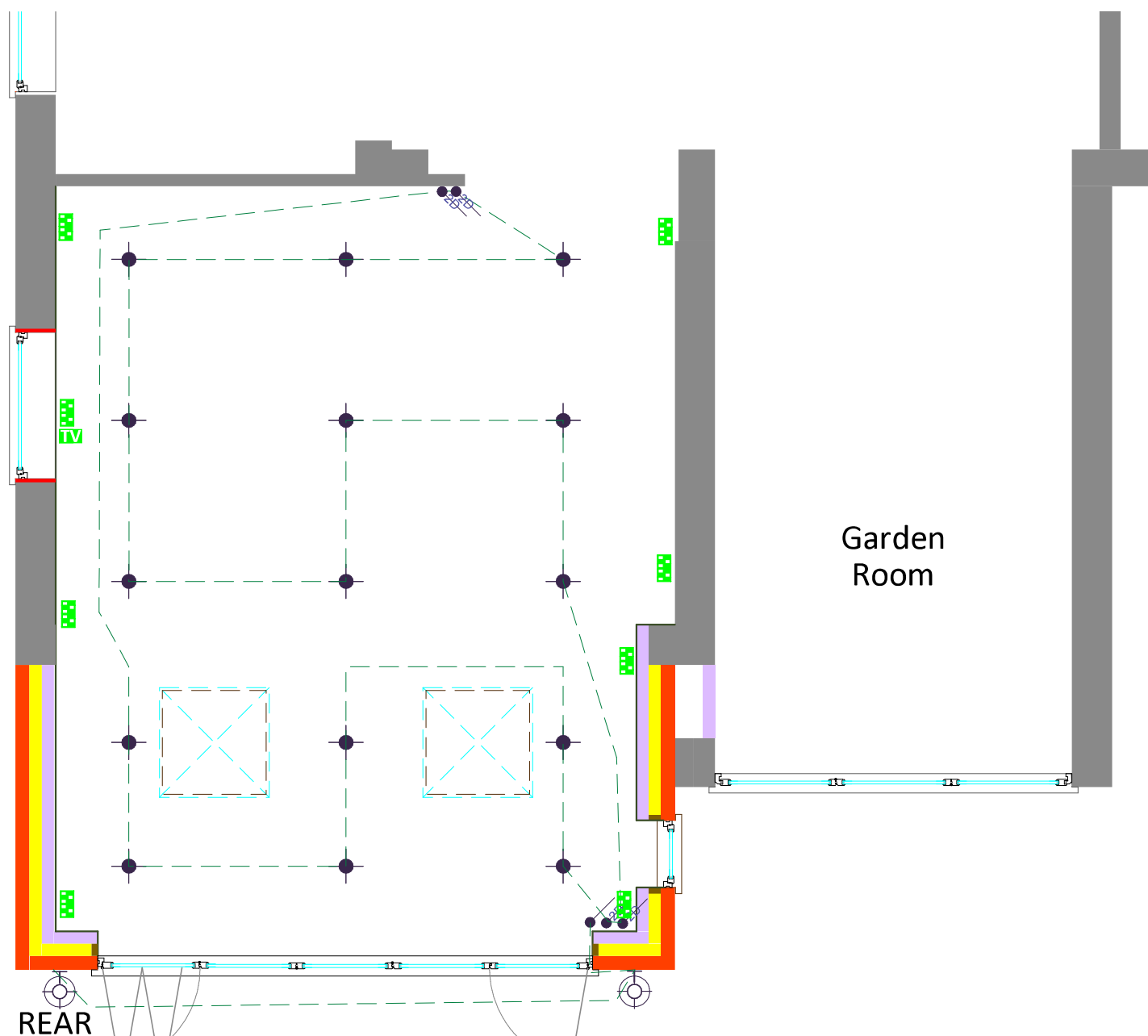
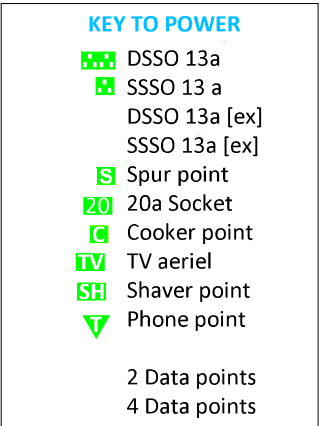
Proprietary extract kit for cooker hood with minimum extract rate of 30 litres/second or mechanical extract fan with minimum extract rate of 60 litres/second - operated intermittently from switched/fused spur. Air to discharge externally via patent ducting in suspended ceiling void to air brick in external wall with insect-proof screen.

EXTRACT AIR - UTILITY ROOM

Ceiling-mounted mechanical extract fan with minimum extract rate of 30 litres/second - operated intermittently from switched/fused spur. Air to discharge externally via duct system in roof space to grille in soffit with insect-proof screen.

EXTRACT AIR - ENSUITES

Mechanical extract fan with extract rate of 15 litres/second operated intermittently on pull-cord switch. Fan to discharge externally via patent air duct system in roof space to grille in eaves soffit with insect-proof screen.



GROUND FLOOR PLAN - PROPOSED - LIGHTING/POWER