APPROVED DOCUMENT J
Heat Producing Appliances:
J1 Air Supply:
Not applicable - as existing.

J2 Discharge of Products of combustion:
Not applicable - as existing.

J3 Protection of Building:
Not applicable - as existing.

J4 Provision of information:
Not applicable - as existing.

Section J5:
Provision for liquid fuel storage:
Not applicable.

APPROVED DOCUMENT K
Stairs Ramps and Protection from Falling:
Section K1:
Not applicable - as existing.

Glazing Materials and Protection:
Section K4:
All glazed windows within 800mm of the finished floor level are to be of 6mm thick toughened glass, in accordance with BS 6206: 1981.

All glazing in doors within 1500mm of the finished floor level and within 300mm of it's opening is to be 6mm thick toughened glass, in accordance with BS 6206:1981.

APPROVED DOCUMENT L1B
Conservation of Fuel and Power:
Existing Dwellings:
The general guidance of Document L1B is to be followed. From Table 1 of part L1 it is proposed to use the elemental method.

Floors require a U-Value of 0.22W/m²K. The new cavity walls require a U-value of 0.28W/m²K and new windows and doors are to have a U-Value of 1.60W/m²K. New pitched roofs with a flat ceiling are to have a U-value of 0.16W/m²K and new sloping skeelings are to be taken as a pitched roof with insulation between the rafters requiring a U-value of 0.16W/m²K.

The following types of insulation material are used:
Floor Construction:
75mm lightweight sand-cement screed placed over 1000 gauge "Visqueen" separating membrane on 100mm Celotex FR5000 rigid insulation board with closely butted joints and to the upper face margins insulation edge strips are to be used. 1500 gauge "Visqueen" damp-proof membrane laid over the insulation and dressed up at the edges, lapped over and tapped to that from below. All joints in membranes are to have a minimum 150mm overlap and are to be fully tapped. The floor insulation is to give a U-value of 0.16W/m²K when using the perimeter area ratio method. New ground bearing 150mm thick concrete slab built on excavated, compacted and well consolidated hardcore, nominal 150mm thick with 50mm sand blinding between.

External walls:
102.5mm facing brickwork outer leaf, 97.5mm cavity with 40mm insulation as Celotex CW4000 insulation to achieve a U-value of 0.28W/m²K. 100mm inner leaf lightweight blockwork wall as "Thermalite Shield" or similar and approved, plasterboard fixed internally with plaster skim finish. A clear width of 50mm, free of all mortar dropping or other detrius to cavity. Openings through external walls are to have proprietary insulated cavity closers as "Thermabate" to suit the width.

Windows, Doors and Rooflights:
The new doors and windows are to be white uPVC to match existing, all with double-glazed 22mm sealed units of Low-emesivity glass to achieve a U-value of 1.60W/m²K. Windows and doors to be set back to ensure the frame section overlaps the insulated cavity closer by a minimum of 30mm.

Pitched Roof:
Sloping ceilings to have100mm Celotex FR5000 insulation between the rafters and 50mm Celotex GS5050 insulation beneath the rafters to achieve U-Value of 0.16W/m²K. Softwood timber rafters as 200 x 50mm C16 at 400mm centres as agreed by the Local Authority Building Inspectorate. 12.5mm foil-backed plasterboard taped and jointed with plaster skim coat finish internally.

Light Fittings:
A minimum of 75% of all new internal light fittings to be energy efficient.

APPROVED DOCUMENT M
Access Use and Facilities for Disabled Persons:
The existing dwelling, when built, would have complied with the Building Regulations then in force including the level access details, entances, width of doors, sanitary conveniences and the like. The extension to the rear of the house is to comply as far as is practicable with Part M of the Current Regulations.

Section M1/M2:
New external doors to have 775mm minimum clear width and a step of not more than 150mm.

All new electrical sockets, switches etc. to be not less than 450mm and not more than 1200mm from the finished floor level.

APPROVED DOCUMENT N
Glazing Materials and Protection:
Section N1:
Not applicable.

APPROVED DOCUMENT P
Electrical Safety:
Section P1:
All new Electrical Work is to be designed, installed, inspected and tested in accordance with B,S.7671 (N.I.C.I.E.E. Wiring Regulations - Current Edition). The works are to be undertaken by an installer registered under a suitable electrical self-certification scheme, or alternatively by a suitably qualified person, with a certificate of compliance produced by that person to Building Control on completion of the works.

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Rev:	Date:	Description:	Drawn:
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Project:
Proposed Rear Extension and Alterations to,
26 Ashampstead Road, Reading, Berkshire. RG30 3LA

Status:
Building Regulations Only

Client:
Mr and Mrs Palmer

Date:
September 2017

Drawing:
Notes (2 of 2)

Scale: N/A

Drawn: RL

Drawing No: 1711 - BR05

Rev: -