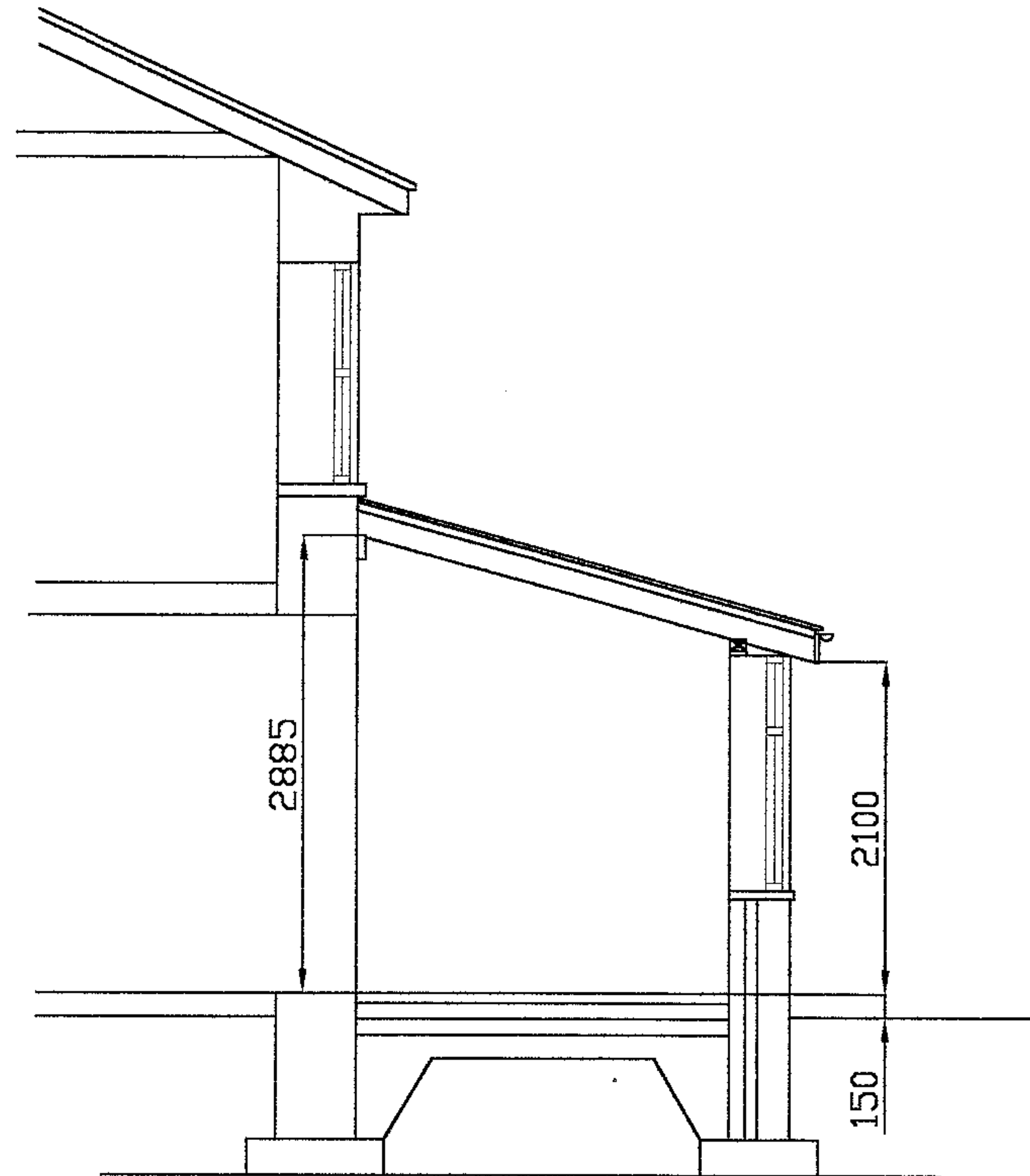


SW05/4080/F



**PROPOSED SECTION A-A**  
**SCALE 1:50**

MEMBER	SECTION AND SPACING	TIMBER GRADE	NOTES
ROOF PITCH			
RAFTERS	150 x 50mm	SC4	2500mm span

**INTERNAL WALLS:** 100mm thick lightweight concrete blockwork, to be thermalite or equal, plastered both sides.

**WINDOWS AND DOORS:** UPVC. Provide 5% floor area opening light ventilation minimum. Windows in habitable rooms to have clear opening of at least 0.33M2 with minimum dimension of 450mm. Total window area not to exceed 25 % of floor area.

**ESCAPE WINDOWS:** Hinges to be able to open to 90 degrees. Maximum cill height to be 1100mm. Clear opening of at least 0.33m2 with minimum dimension of 450mm.

**GLAZING:** 16mm air filled sealed double glazed units in safety glass with 8000mm<sup>2</sup> trickle vents to window heads. Soft low 'e' coating. U value to be 2.0 All low level glazing (glazed areas within 800mm of floor level) and glazing in doors within 1500mm of floor level to be safety glass to BS 6206 minimum Class B. This classification together with material code, BS number and product name or trademark should be permanently marked on material. This means that glazing should be either laminated or toughened. Ordinary glazing can still be used in small panes provided the glass is sufficiently strong to resist breakage.

**ROOFLIGHTS:** Velux rooflights or equal.

**ROOF STRUCTURE:** Timber members in accordance with sizes shown on schedule. Rafters should only have notches for birdsmouthed bearings. Roof structure to be restrained laterally and strapped at ridge and eaves level with bracing in accordance with BS 5268. Lateral restraint to be provided by 30 x 5 MS restraining straps at 2m centres.

**ROOF CONSTRUCTION:**

UNVENTILATED INSULATION BETWEEN AND UNDER RAFTERS.

Slates on 38 x 38 battens and counter battens.

Horizontal lap between runs of breathable sarking membrane sealed with 75mm wide double sided acrylic adhesive tape. Membrane to be Kingspan nilvent. 100mm thick Kingspan Thermapitch TP10 zero ODP between rafters.

25mm thick Kingspan Themawall TW56 zero ODP under rafters.

12.5mm Plasterboard and skim finish. U value 0.20

**CEILINGS:** 12.7mm plasterboard and skim.

**EXTERNAL WALL FINISHES:** Painted render where shown on drawings.

**GUTTERS AND STACKS:** 100mm dia PVC half round gutters. SVP to extend 450mm above roof and 1m from nearest window.

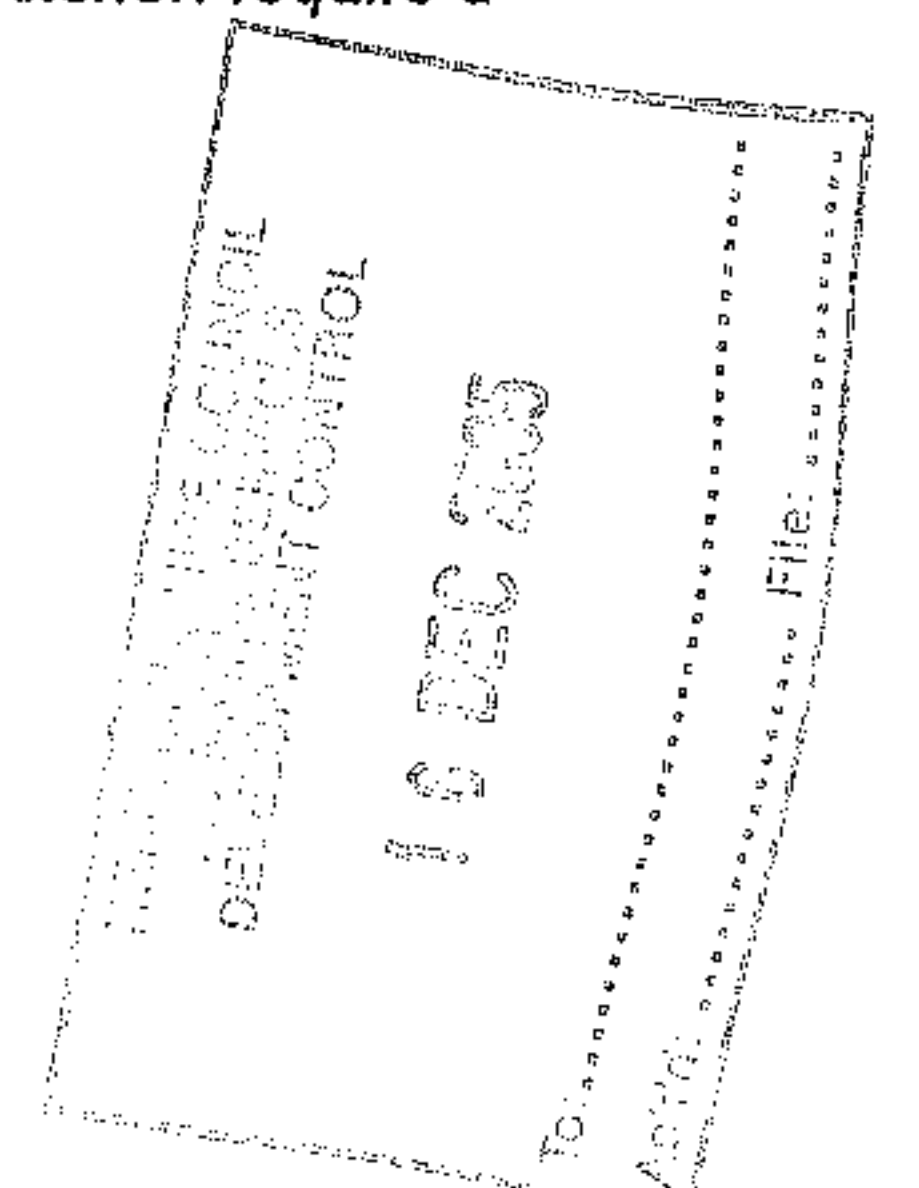
**ELECTRICAL:** Install smoke alarm detectors linked to lighting ring main system with battery backup all interconnected. Smoke alarms to be sited in the circulation space within 7.5m of every habitable room mounted on the ceiling at least 300mm from wall and light fittings.

The electrical installation to be undertaken must be certified as being in accordance with BS7671 prior to occupation. Certification may be carried out by an accredited "competent person".

**LIGHTING:** Energy efficient light bulb to be provided.

**HEATING:** Underfloor heating.

**VENTILATION:** Mechanical extract fans to Kitchen (60 litres/sec) and WC (15 litres/sec) minimum intermittent capacity with 15 min overrun to latter units. This control may be via the light switch. Gas appliances located in a kitchen require a fan operated at a maximum extract rate of 20 litres /sec.



CLIENT MR O. BEMAN.	DRAWING TITLE NOTES & SECTION.	DATE OCTOBER 2005	NOTES Do not scale from drawing and check all dimensions before carrying out work. Site conditions and manufacturers requirements may necessitate changes to dimensions.	<b>BCL</b>  Broadheath, Moreton On Lugg, Hereford HR4 8DQ Tel/Fax 01432 761071
PROJECT TITLE PROPOSED REAR EXTENSION, 3 TEMPLE TERRACE, EWYAS HAROLD, HFDS.	DRAWING NUMBER 305/004	SCALE 1:50		