

Roof Flat Cold
GRP or high performance two layer reinforced bituminous felt or single ply EPDM rubberised membrane mechanically or fully bonded to 18mm OSB or WBP plywood on firing to provide falls over min. 145 x 47mm timber roof joists at max. 400mm centres spanning max. 3.08m between external wall & steel beam to Structural Engineer's design containing min. 100mm GA4000 PIR insulation between joists whilst maintaining min 50mm ventilation passage above insulation connected to air passage of cold pitched roof and lined internally to form ceiling finish with Celotex PL4060 laminate board, comprising 60mm PIR insulation faced with 12.5mm plasterboard & set coat, to give min. 0.15 W/m²K 'U' value roof construction.

Walls (Masonry)
315mm overall thickness comprising 102.5mm facing brickwork outer skin with 100mm cavity containing min. 90mm 'Celotex' Thermaclass CW21 or similar approved PIR cavity insulation and 100mm 'Thermalite Shield' 3.6N/mm² or similar light weight block work inner skin (lambda = 0.18) finished internally with min 12.5mm light weight plaster and set coat to give min. 0.18W/m²K 'U' value for wall construction.

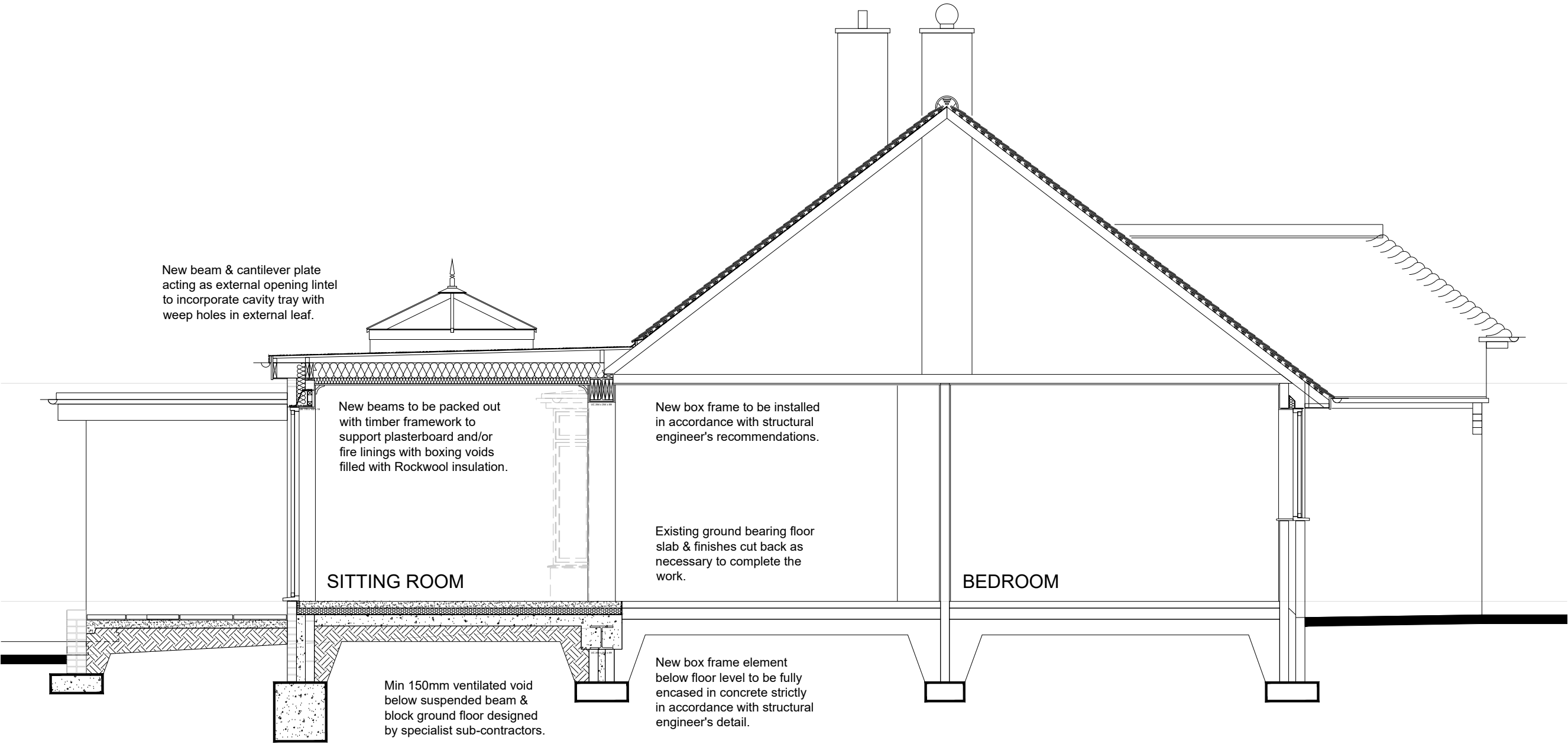
Ground Floor Suspended
Min. 75mm laid over builders paper slip sheet on min. 100mm Celotex GA4000 or similar approved high performance PIR insulation (based on a P/A: 8.54m/17.43sq m = 0.49), over 1200 gauge polythene DPM on concrete beam and block floor to specialist sub-contractor design and installation to give min. 0.18 W/m²K U-value for floor construction.

NOTES

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QUALIFICATION
Written dimensions supersede scale dimensions. All dimensions to be checked on site before work is put in hand. This drawing is to be used only for the work intended as described on the title panel. All works or materials indicated on this drawing are to comply with the latest relevant Building Regulations and/or British Standard and to be carried out in accordance with the latest relevant Code of Practice or recognized Institute or trade association recommendations and publications. This drawing is to be read in conjunction with all other Consultants drawings as applicable to the project.

rev	date	amendment
A	17.03.26	Updated for Building Regs approval.
B	08.05.26	Updated for Building Regs record.
C	28.05.26	Revised terrace layout for S73.



client
MR R RATCLIFFE

project
**ROSECROFT
NIGHTINGALES
WEST CHILTINGTON**

title
**PROPOSED
SECTION A-A**

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