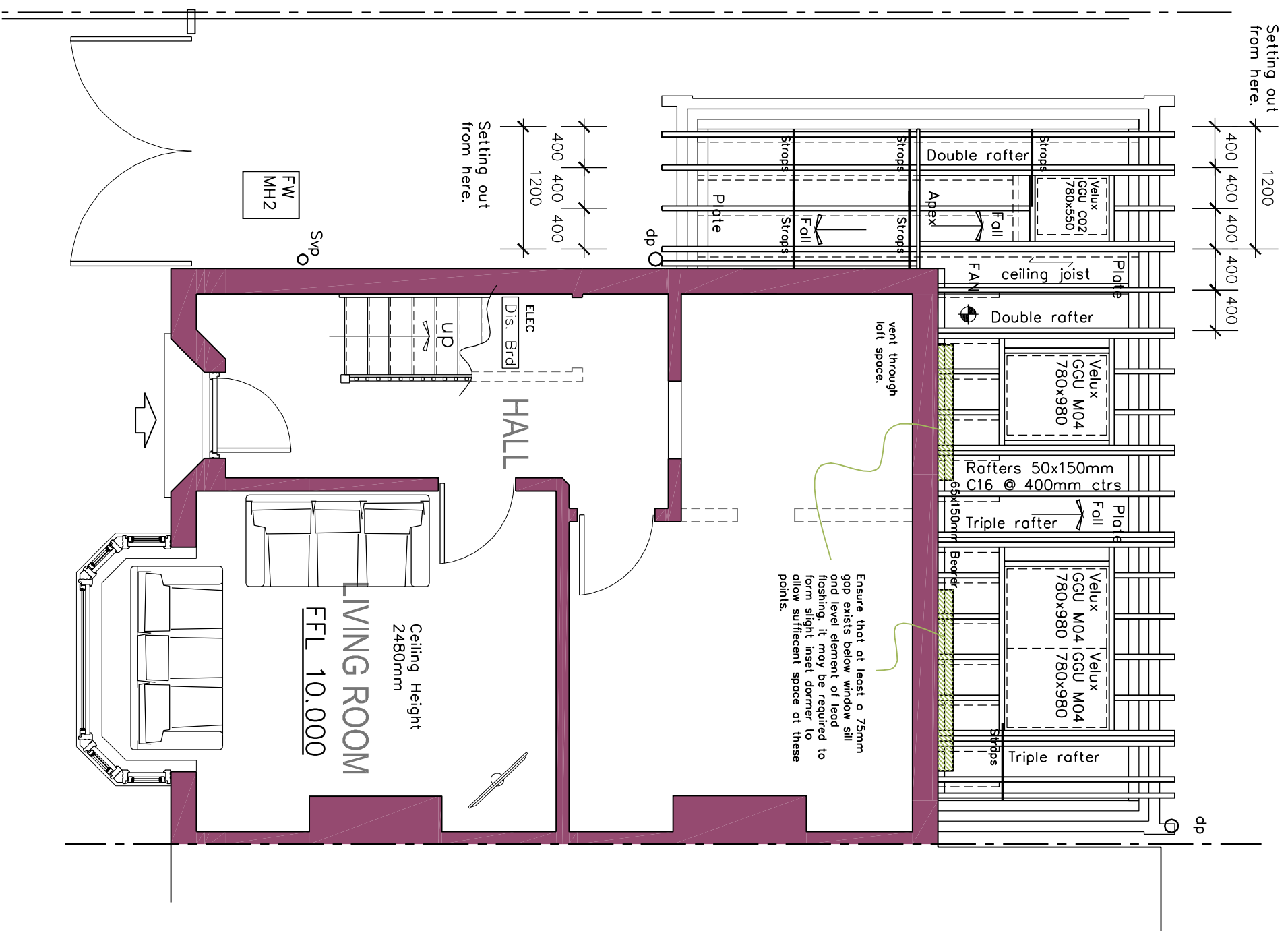


# PROPOSED FIRST FLOOR ROOF TIMBER PLAN



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CDM Regulations 2007 - Designers' Notes on Significant Residual Risks

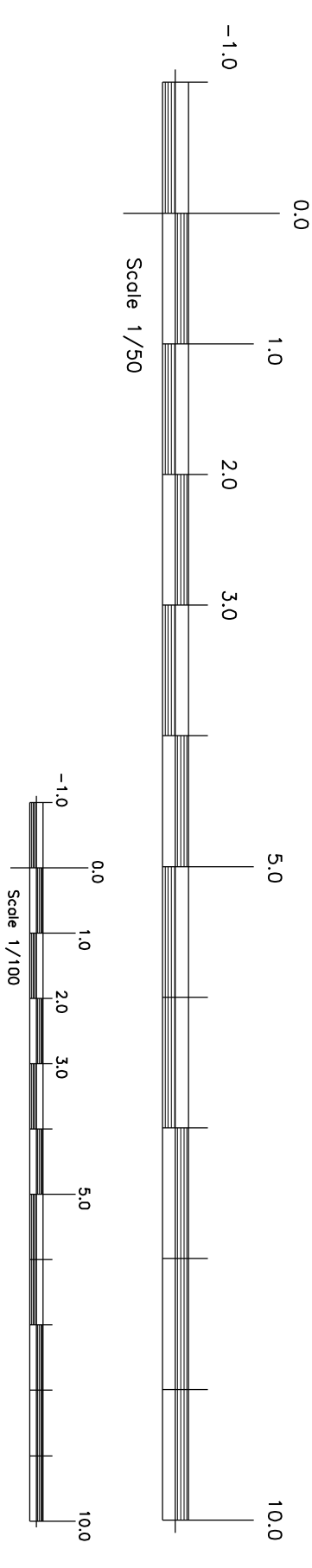
- 1.

These notes relate solely to information shown on this drawing. Only significant risks which are considered to be unusual or unlikely to be obvious to a competent contractor or other designer will be highlighted. This information may be subject to revision as the design develops.

Refer also to drawings:

VERIFICATION STATUS	verified by	Date
MEQ/JESON		
PLANNING		
BUILDING CONTROL	Nail	Jan 14
CONSTRUCTION		

No	Revision	Date	Drn	Chkd



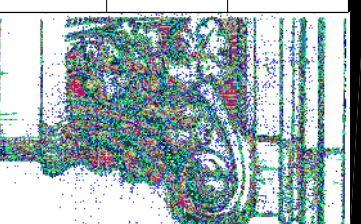
## INIGO ARCHITECTURE LTD

Ref No. **L-05**

Client: **Mr & Mrs Campbell**  
Proposed Side and Rear Extension

Project Title: **8 Grange Road Ampthill**  
**Bedfordshire MK45 2PA**  
Drawing Title: **Proposed Detailed Section 1-1 And**  
Rood Timber Plan

Scale: 1/50  
Date: **Jan 14**  
Checked: **NH**  
File:  
Tel: 01582 883428  
4 KOSMAN ROAD BARTON-LE-CLAY, BEDFORDSHIRE MK45 4DQ  
E-mail: info@inigoarchitecture.co.uk



Rafter to be 50x150mm grade C16 at maximum 400mm centres.

Roof tiles selected are to be suitable to pitch.

Sloping ceilings insulated with two layers of Celotex rigid insulation board first layer of 100mm thickness to friction fit between rafter members with a second layer of 45mm thick in a continuous layer beneath ceiling joists, a joints to be taped with foil tape to form VCL above plasterboard ceiling.

Provide lead flashing into existing wall and lead flashing out over new roof flashing out to roof abutment.

Ridge tiles to be fully bedded in mortar of 50% sharp sand and 50% soft sand or as advised by the tile manufacturer.

All lead work to be patinised.

Roofing tiles installed and fixed and clipped to manufacturers details and recommendations

Concrete roof tiles to client satisfaction and to suit roof pitch.

25x38mm treated tiling battens.

Breathable membrane of Du-pont Tyvek Supro or similar approved.

Adopt soffit and fascia boards to client instructions

Plastic gutters and downpipes to be black plastic roundline (UV stable type)

Wallplate to be 75x100mm treated and stripped to inner leaf at maximum 2 metre centres, wallplate to be fully bedded.

12.5mm plasterboard and skim ceilings.

IG type inlets over openings complete with cavity trays weep holes and stop ends.

100mm render finished blockwork.

100mm cavity to be fully filled with DriTerm 32 insulation bolts installed strictly to the manufacturers details.

100mm blockwork, inner leaf finished in plasterboard and skim to inside face.

New double glazed windows and doors to external openings with toughened glass.

Provide proprietary cavity closers around all openings to the cavity wall structure.

Concrete trench fill foundations to suit site conditions and levels.

d.p.c to be bedded on both sides.

Adopt sulphate resisting cement for mortar below d.p.c level.

Ensure that the bottom of the foundations are lower than drain inverts and outside the 45 bearing of the bottom of the foundation. Piled foundation design by the structural engineer and specialist installer all details to be provided to the building inspector along with a copy of site logs.

Double up rafters as trimmers to Velux window openings and dormers, allow at least 25mm around velux window side or as advised by the manufacturer.

Velux rooflights to be installed strictly in accordance with the manufacturers instructions complete with a vapour control layer, felt collar, insulated collar and appropriate flashing kit. Electrical operation to be 5mm cable to the head for future operation, steno binds to client specification.

Adopt Tyvek soves carrier system, installed to the manufacturers details.

Provide cavity trays at the abutment of walls and roof.

Provide prior to plasterboard lining a layer of Tyvek S02 vapour control layer with a joints lapped and sealed to manufacturers recommendations.

Provide galvanised steel strops as lateral restraint of roof & ceiling level as plans.

All structural beams to the engineers designs and to be protected to achieve 30 minutes fire protection.

## KITCHEN

Breakout and remove existing handstanding & single storey structures and cart away.

Make good all areas of knock throughs.

All heights are to match with existing features and be site checked.

55mm sand cement screed laid on a separating layer of polystyrene insulation laid with close butted joints. On a 100mm thick cast insitu concrete slab. Up turn floor insulation to the perimeter junction with external walls for a thickness of 25mm.

Concrete trench fill foundations to suit site conditions and levels.

# TOP OF FOUNDATION 9.550 DETAILED SECTION 1-1

