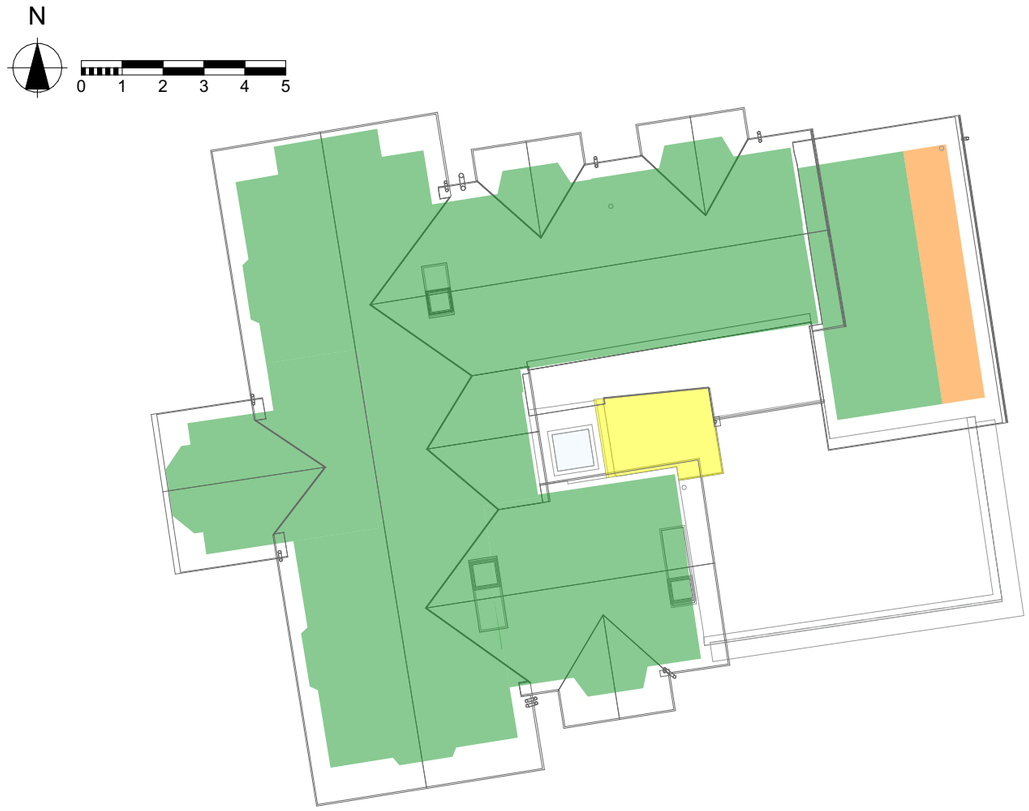


3. RF-Roof 1:150

KEY, nts

FLOORS

New floor to extension - constructed to meet Building Regulations approved document part L requirements

Proposal includes for existing modern, uninsulated concrete slabs to be removed and replaced with new insulated solid floor construction comprising new concrete slab, DPM, thermal insulation, screed.

New suspended timber floor. Proposals includes for boards to be lifted and insulation fitted between joists before being relaid

WALLS

New wall to extension - constructed to meet Building Regulations approved document part L requirements

Proposed new thermal lining to existing solid masonry wall; internal insulation with cavity to keep insulation separate from existing structure. Vapour control layer to be included.

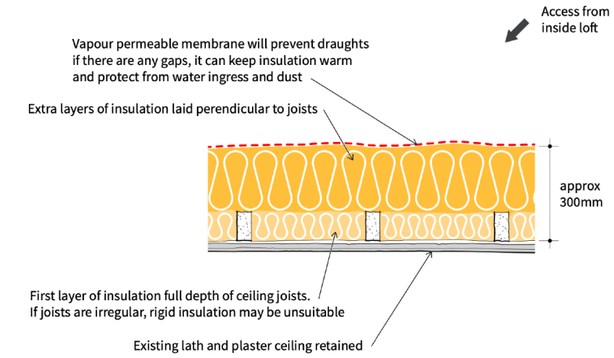
ROOFS

New roof to extension - constructed to meet Building Regulations approved document part L requirements

Areas of proposed insulation at ceiling level within cold loft space, nom. 300mm mineral wool laid between and over ceiling joists

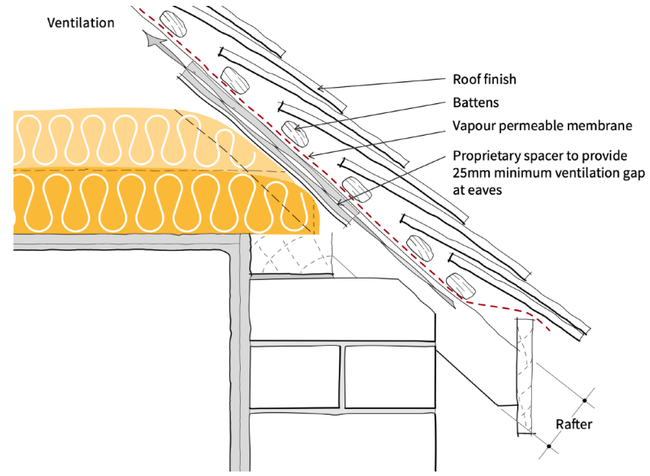
In order to maintained the existing air gaps and ventilation arrangements within the roof new insulation board is proposed to be applied beneath the existing modern plasterboard sloping ceiling, nom. 72.5mm insulated plasterboard with vapour barrier.

New warm roof at existing level to replace low quality flat roof over infill structure



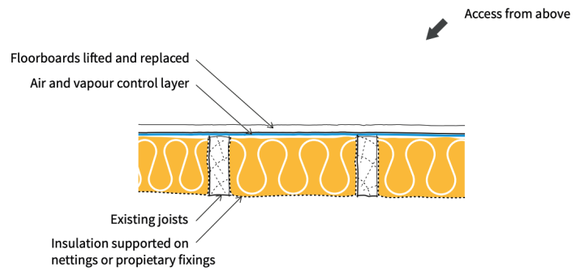
EXAMPLE DETAIL REF: 'Figure 1: Insulation at ceiling level'

Historic England (2016) Energy Efficiency and Historic Buildings; Insulating Pitched Roofs at Ceiling Level (HEAG077 Cold Roofs)



EXAMPLE DETAIL REF: 'Figure 3: Eaves Ventilation'

Historic England (2016) Energy Efficiency and Historic Buildings; Insulating Pitched Roofs at Ceiling Level (HEAG077 Cold Roofs)



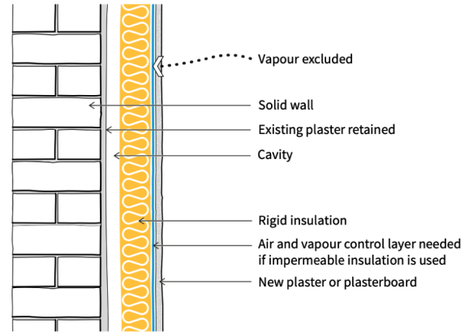
EXAMPLE DETAIL REF: 'Figure 6: Fixing insulation from above floor '

Historic England (2016) Energy Efficiency and Historic Buildings; Insulating Suspended Timber Floors (HEAG086 suspended floors)

The opportunity offered by the removal of the floorboards will allow the inspection the floor structure and the undertaking of any necessary repairs.

Current sloping or springy floors due to suspect failure of the supporting structure or to movement caused by a defective timber are to addressed during this proposed works.

Loose material to be removed from ground within subfloor void to provide nom. 150mm ventilation void below the underside of the existing joists. Existing air vents in external walls to be cleared and cleaned to ensure free air movement.



EXAMPLE DETAIL REF: 'Figure 8 Internal insulation' with cavity'

Historic England (2016) Energy Efficiency and Historic Buildings; Insulating Solid walls (HEAG081 Solid walls)

Table of revisions. WIP denotes 'work in progress'

Rev	Ch ID	Description	Date
A	Ch-02	First Issue	22/12/2023

hmad architects
The Nook I Simmonds Place
Saunders Way I Cullompton
EX15 1BS
01392 459777
mail@hmad.co.uk

Project:
The Old Vicarage, Woodbury Salterton. EX5 1PG

for D Wright & M Wright

Drawing title:
Proposed Thermal Strategy

Drawing number: **2342 1602**
Revision: **A**

For use up to and not beyond RIBA stage:
3 Spatial Co-ordination

Drawing scale(s): 1:150 @ A3
originator: mr
checked: mr

file: /Volumes/01 Project (2014<) /2023 Projects/2342 Old Vicarage, Woodbury Salterton/04 Design Data/2342-hmad-M5-A-Stage 3 proposals.pln