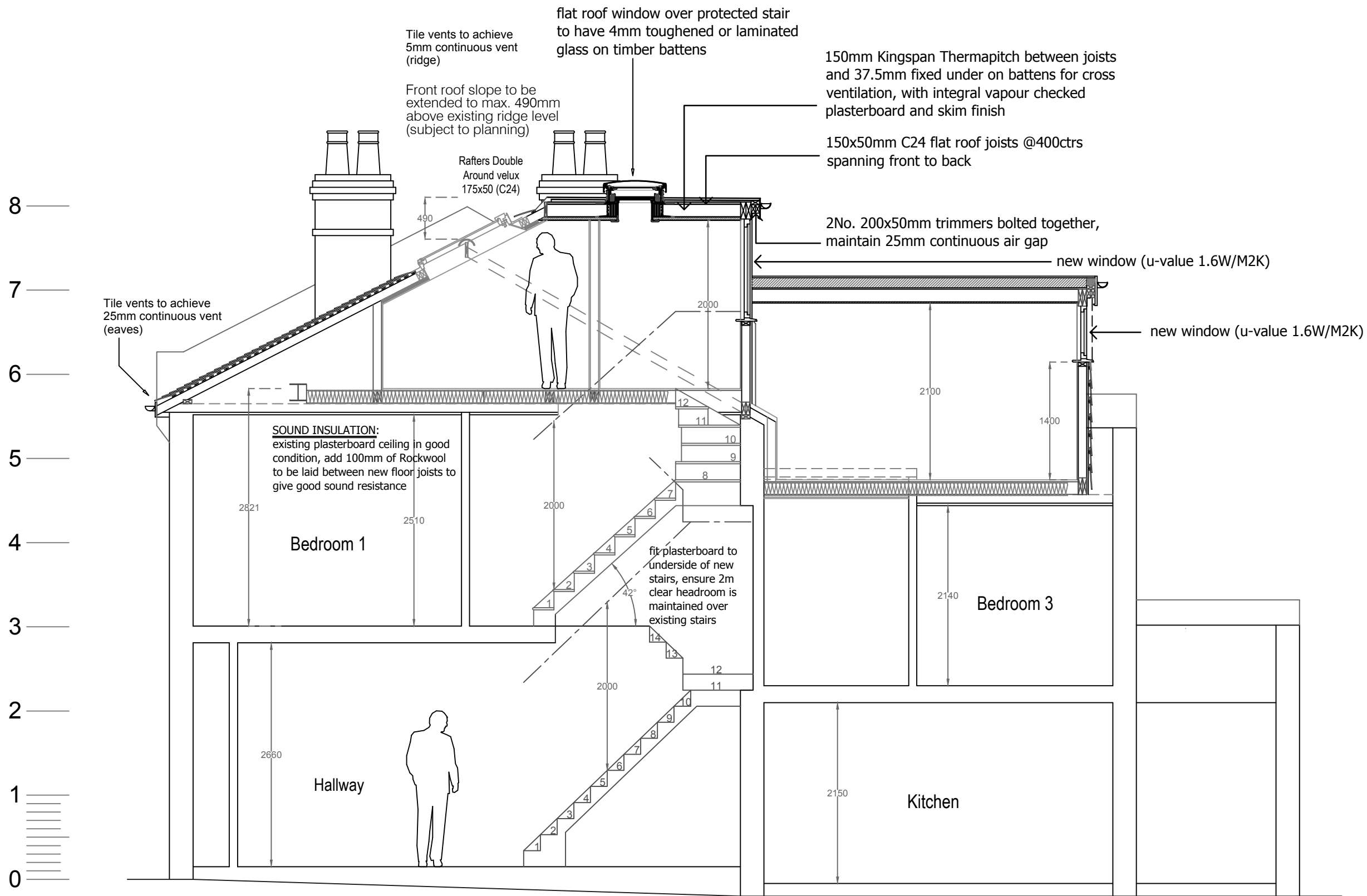




PROPOSED CROSS SECTION: AA
SCALE 1:50

ROOF CONSTRUCTION: (warm deck)
Roof to achieve U-value of maximum 0.18/MsqK.
Warm deck flat roof construction to be asphalt roof finish with solar reflective paint or stone chippings on 18mm ply deck, on 120mm Kingspan Thermaroof TR27LPC/FM insulation over joists as per engineer's details and calculations. Finish to underside to be 12.5mm insulated plaster board with integral vapour control layer and skim finish. Flat roof and pitched roof to have minimum 50mm gap from eaves ventilation to ridge ventilation, both equal to 25mm continuous gap.

EXTERNAL DORMER WALLS:
Marley Eternit fibre cement or clay / slate tile hung, installed to manufacturer's specification on 25x50 battens providing 25mm ventilated airspace on breather membrane on 18,, ply on 100x50 timber studs @400c/c. Celotex PL4025 between studs, leave 40mm low emissivity cavity, then line over with Celotex PL4025 with plasterboard and skim internally. Achieves "U" value of 0.25W/mk². (Min "U" value required 0.28W/mk².)

Walls within one metre of the boundary to have 9mm Master-board under slaters felt and 12.5mm plater-board internally to achieve half hour fire resistance. Fascia board to the dormer cheeks to be in non-combustible material.

DORMER VENTILATION:
Suitable vertical battens should be fitted beneath horizontal tiling/counter battens to the proposed dormer construction in order to provide a drained and ventilated cavity.

ROOF WINDOWS:
Windows to be double glazed with low E glass (4:16.4min) and fitted in accordance with the manufacturers instructions, trimmed both sides with double rafters and trimmers above and below ('U' Value 1.0W/mk²)

Client: Mr Simon Addyman
Address: 37 Archdale Road
London
SE22 9HL

Project: LOFT CONVERSION

Job Title: SECTION

Date
March 2024

Drawing No.
MSB/03/24/007/07

Revision:
Date:

OUTLOOK LOFT
CONVERSIONS

1:50 Scale 1:50
1m 0 1m 2m

1:100 Scale 1:100
2m 0 2m 4m