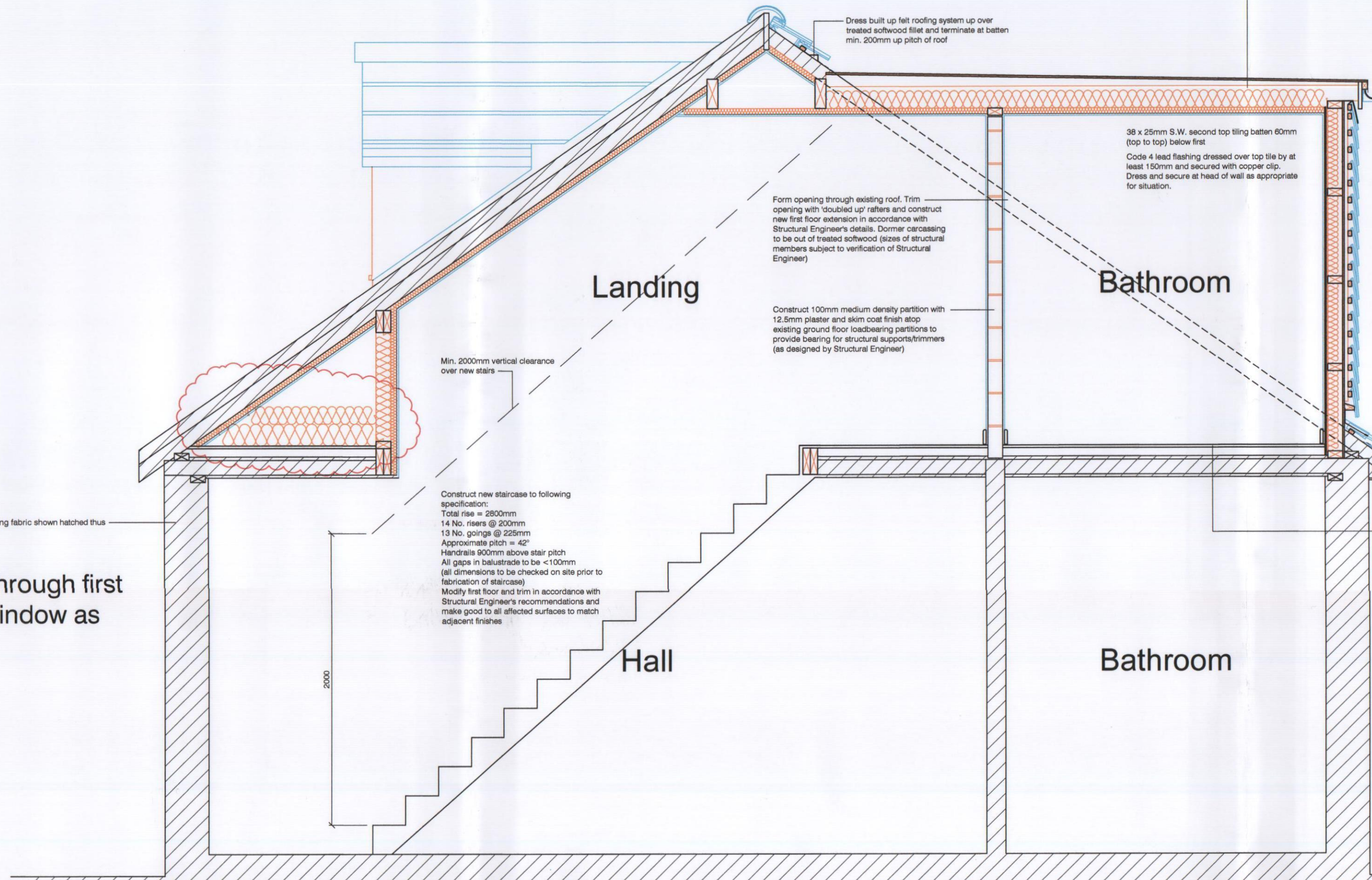
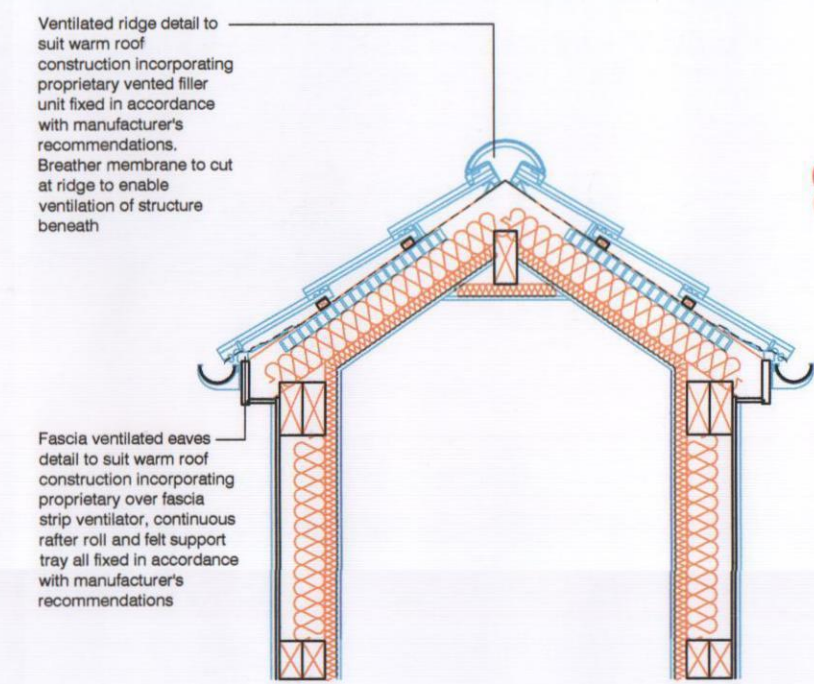


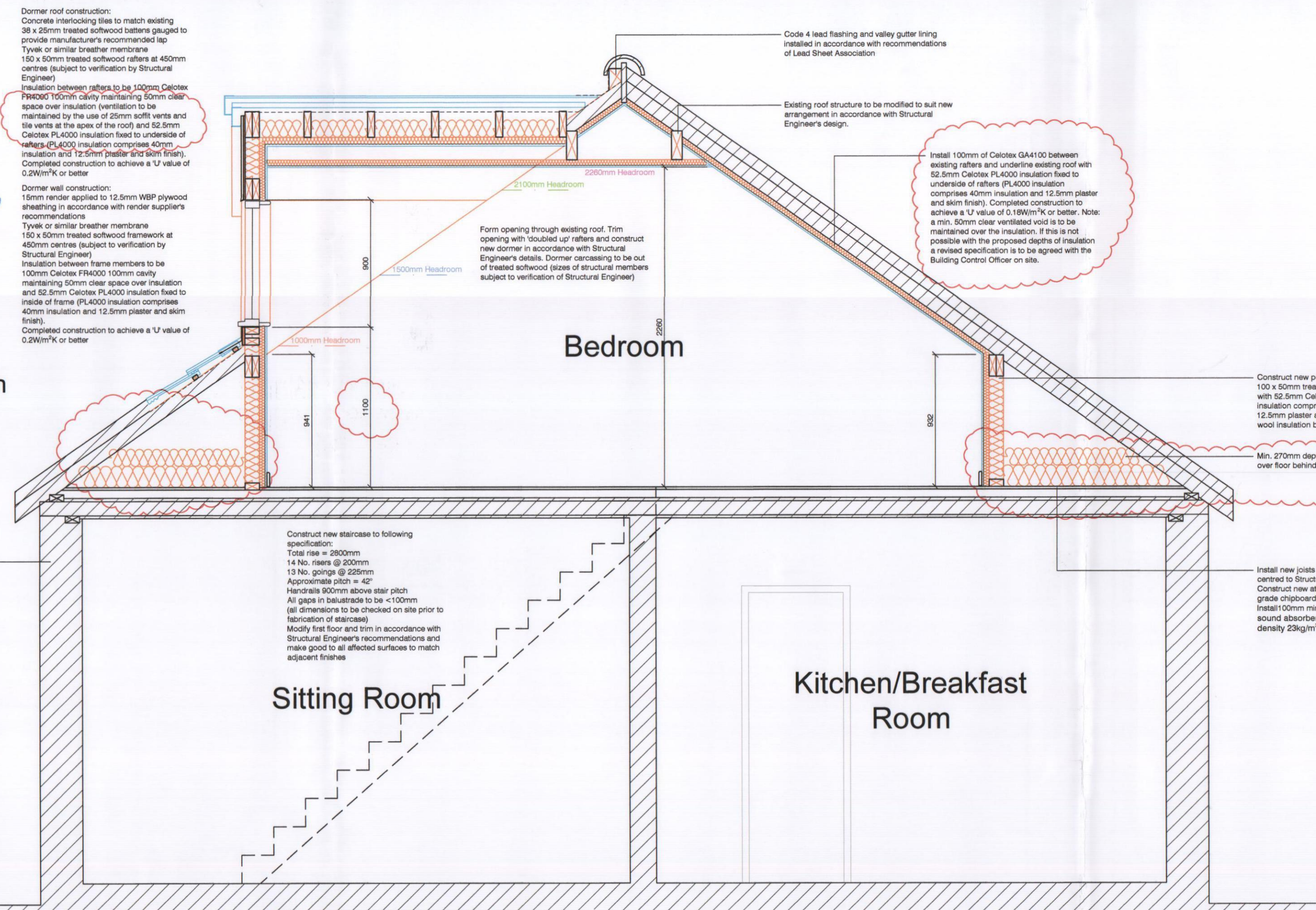
Typical Section through first floor extension window as proposed scale 1:25



Typical Section through stairs and first floor extension as proposed scale 1:25



Typical Section through dormer as proposed scale 1:25



Typical Section through dormer as proposed scale 1:25

Flat roof construction:
Built up felt roofing system (AA fire rated) fixed in accordance with manufacturer's recommendations to 12mm WBP ply roof deck on EX 100 x 50mm treated softwood joists creating a cross fall of min. 1:80 on EX 100 x 50mm treated softwood joists to Stagnant.
Engineered waterproofing at min. 450mm centres.
Install Celotex XR4120 between joists maintaining a min. 50mm ventilated void over the insulation (ventilation to be maintained by the use of 25mm soft vents and tile vents at the apex of the roof and 52.5mm Celotex PL4000 insulation fixed to underside of rafters (PL4000 insulation comprises 40mm insulation and 12.5mm plaster and skim finish).
Completed construction to achieve a U value of 0.18W/m²K or better.
Min. 10mm continuous gap behind fascia to ventilate roof over insulation.
38 x 25mm S.W. second top batten placed and fixed to suit situation.
Redland Plan Eaves/Top Tile (R154). Must be mechanically fixed.
Redland Plan Tile (R151). Must be mechanically fixed.
Dormer wall construction:
Redland plan tiles (colour to match roof tile) fixed in accordance with the manufacturer's recommendations.
38 x 25mm treated softwood battens.
38 x 25mm treated softwood counter-battens.
Tyvek or similar breather membrane.
100 x 50mm treated softwood framework at 450mm centres (subject to verification by Structural Engineer).
Insulation between frame members to be 70mm Celotex GA4070 maintaining 30mm clear space over insulation and 52.5mm Celotex PL4000 insulation fixed to inside of frame (PL4000 insulation comprises 40mm insulation and 12.5mm plaster and skim finish).
Completed construction to achieve a U value of 0.28W/m²K or better.

Install new joists between existing (sized and centred to Structural Engineer's design).
Construct new attic floor using 18mm flooring grade chipboard fixed to new joists only.
Install 100mm mineral wool insulation quilt sound absorbent layer between joists (min density 23kg/m³).

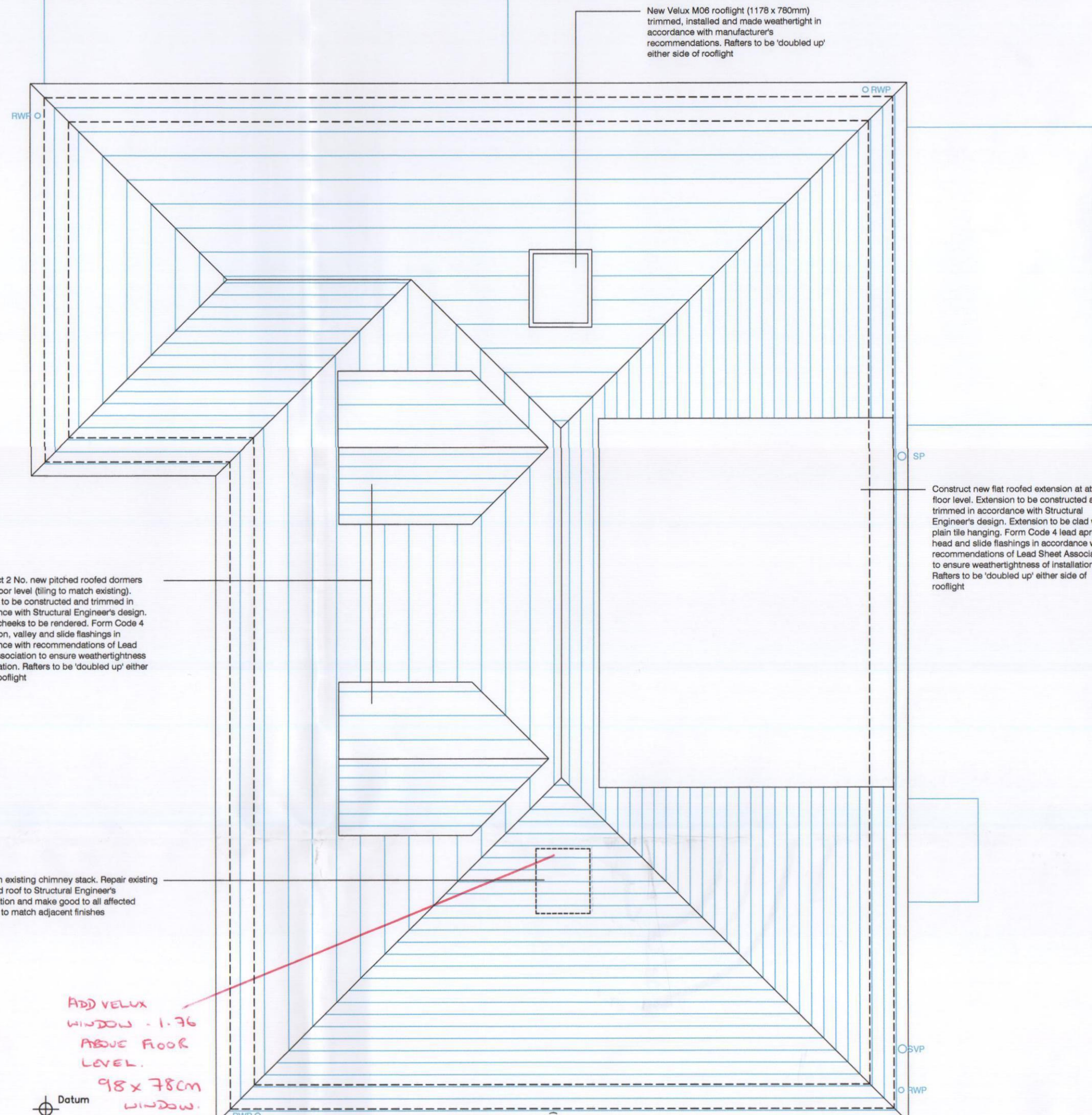
Construct 2 No. new pitched roofed dormers at attic floor level (facing to match existing).
Dormers to be constructed and trimmed in accordance with Structural Engineer's design.
Dormer cheeks to be rendered. Form Code 4 lead apron, valley and slide flashings in accordance with recommendations of Lead Sheet Association to ensure weathertightness of installation. Rafters to be 'doubled up' either side of roofline.

Demolish existing chimney stack. Repair existing floor and roof to Structural Engineer's specification and make good to all affected surfaces to match adjacent finishes.

ADD VELUX WINDOW - 1.76 ABOVE FLOOR LEVEL.
98 x 78cm window.

Roof Plan as proposed scale 1:50

NOTES:
Dimensions to be checked on site before commencing work. Any discrepancies shall be reported to the architect immediately.
Do not scale from these drawings except for planning purposes.
Use figured dimensions only.
Where applicable this drawing is to be read in conjunction with other consultants' drawings.
All drawings to be read in conjunction with specification and all other drawings including structural engineer and mechanical and electrical drawings / specification.



HAVANT BOROUGH COUNCIL
17 MAY 2012
RECEIVED

REV	DATE	AMENDMENT	DRAWN
A	20.02.12	Amended to incorporate BCO comments	PT

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sustainability through design
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01243 370 715

CLIENT
Mr J. Hoar

PROJECT
Proposed loft conversion at
15 Park Crescent
Emworth
Hampshire
PO10 7NT

DRAWING
Building Regulations Application
Roof Plan and Typical Sections
As Proposed

SCALE
1:25@A1
1:50@A1

DATE January 2012
DRAWING NUMBER 11171/003

DRAWN PT
REVISION A