

DO NOT SCALE DIMENSIONS FROM DRAWING

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. DO NOT SCALE FROM THIS DRAWING.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS AND DOCUMENTS. THE USER SHOULD CONSULT THE DRAWING ISSUE REGISTER FOR DETAILS.
4. THE CONTRACTOR IS TO CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.
5. THE ENGINEER/ARCHITECT SHOULD BE CONTACTED IMMEDIATELY IF THE ASSUMPTIONS USED IN THE DESIGN DIFFER TO THAT FOUND ON SITE.

KEY

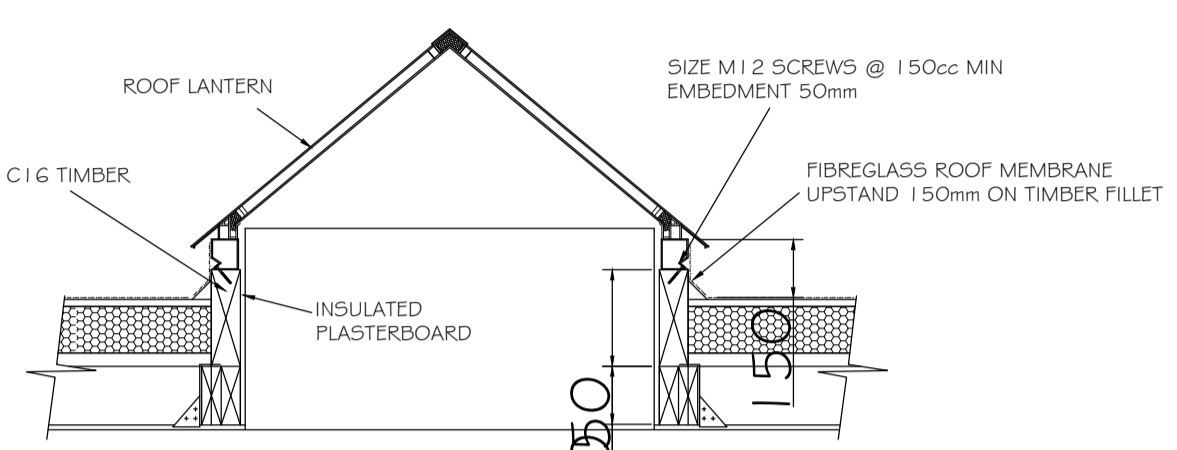
- DENOTES HIDDEN LINE
- DENOTES LINE OF STEELWORK OVER
- [Pattern] DENOTES STRUCTURAL WALL IN CONCRETE BLOCK
- [Pattern] DENOTES STRUCTURAL WALL IN BRICK
- [Pattern] DENOTES NON STRUCTURAL STUD WALL
- [Pattern] DENOTES INSULATION

ROOF CONSTRUCTION

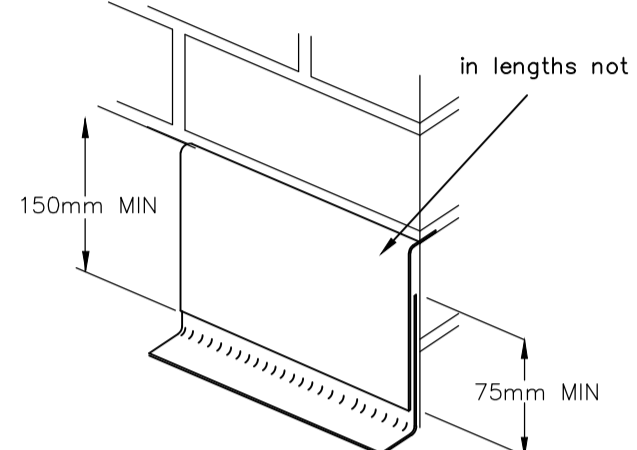
1. All roof construction to conform to Approved Document A1/Part 3 Table B2 of the Building Regulations.
2. All timber to be tanalised or similarly treated against fungal growth and moisture resistance.
3. All dimensions to be checked on site prior to fabrication.
4. All timber to be grade C16, unless otherwise specified.
5. Insulation to flat ceilings with pitched roof to be 300mm-thk fibre glass rockwool, unless otherwise specified, to be laid 150mm & 150mm cross batten.
6. Insulation to inclined roof areas to reach U-value 0.18 to be 115mm kingspan thermoflax TP10 zero dpd between rafters and 37.5mm K18 kingspan kooltherm under rafters, or 75mm kingspan kooltherm between rafters & 62.5mm K18 kingspan kooltherm under rafters, alternatively 150mm kooltherm 7K between rafters, in accordance with manufactures recommendations, ensure continuous air gap of 25mm above insulation otherwise use breathable felt.
7. Ventilation to sloping ceiling at high level ridge vents at 2.0m c/c & 50mm constant cross flow ventilation, 25mm continuous eaves ventilation provided by eaves comb.
8. Wall plate to be 100 x 75mm timber section mortar bedded to inner leaf and fixed with BAT straps VTI200mm at 1800mm c/c.
9. 12.5mm thk plasterboard and Artex skin ceiling provided to soffit.
10. All valleys to be boarded with 12mm thk external grade plywood lined with Code 4 lead to BLM handbook.
11. Facia to be 25 x 25mm PAR timber section.
12. Tiles to match existing, unless otherwise specified laid on 25 x 50mm tanalised timber battens at gauge specified by manufacturer on a sarking felt as supplied by Monoflex or similar.
13. Double & triple joists to be bolted together at 880mm c/c.
14. Shallow pitched roof (if required) tiles to be fixed to tile battens on 2 layers of bituminous felt on 18mm plywood boarding on rafters. Ensure 10mm continuous ventilation at ridge to pitched roofs lean to roofs to relieve cavity tray & code 4 lead flashing to incorporate abutment ventilator to provide continuous 10mm ventilation & 25mm continuous ventilation at vented soffit.
15. Flat roof joist to be C16 timber at 400mm c/c.
16. 1 in 60 tapered firrings fixed to rafters.
17. Felt roof system to be 3 layer elastomeric roofing felt to BS 747 Rubervent Type 3G vent layer on two layers of 'polybit' 180 top layer green mineral finish on 18mm ply all above roof joists, insulation & vapour barrier to underside of rafters with 12.5 plasterboard.
18. Insulation to warm roof system to be kingspan 120mm tr27 zero dpd over joists or 90mm kingspan tr21 above rafters & 30mm tr25 in-between rafters to achieve u-value 0.18 or similar approved in accordance with manufactures recommendations, with no ventilation required.
19. Fibreglass Roof system to be 1 coat GRP fibreglass roof system on 18mm osb3 t4g plywood boarding, 100mm xtratherm or similar silicone above roof joists & vapour barrier '1000 gauge visqueen or similar' to underside of rafters and 12.5 plasterboard plastered & skinned.
20. All dimensions to be checked on site prior to fabrication.

TRADITIONAL ROOF CONSTRUCTION

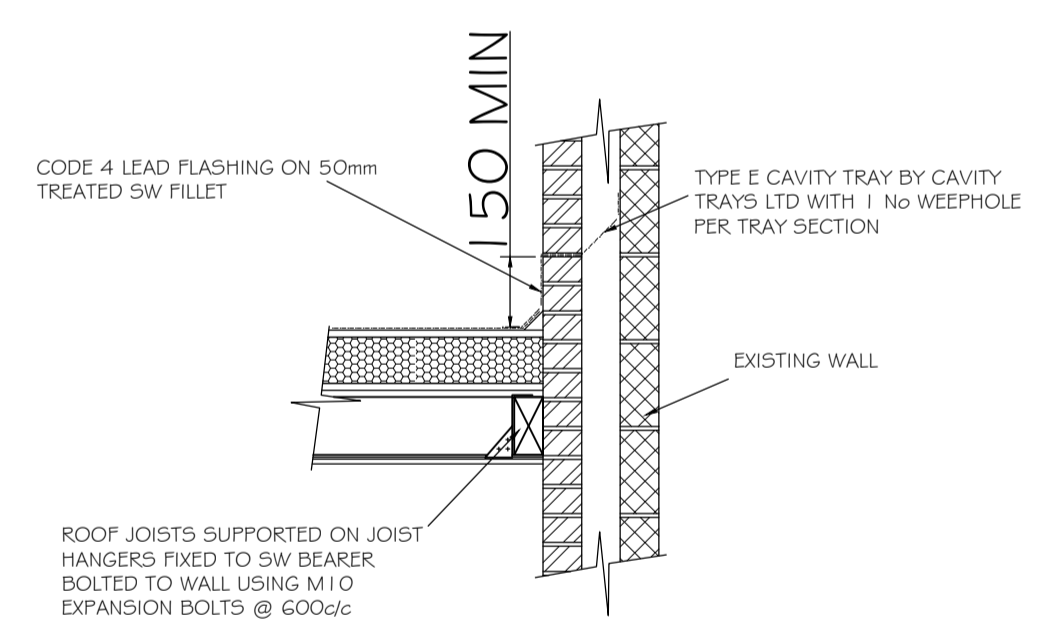
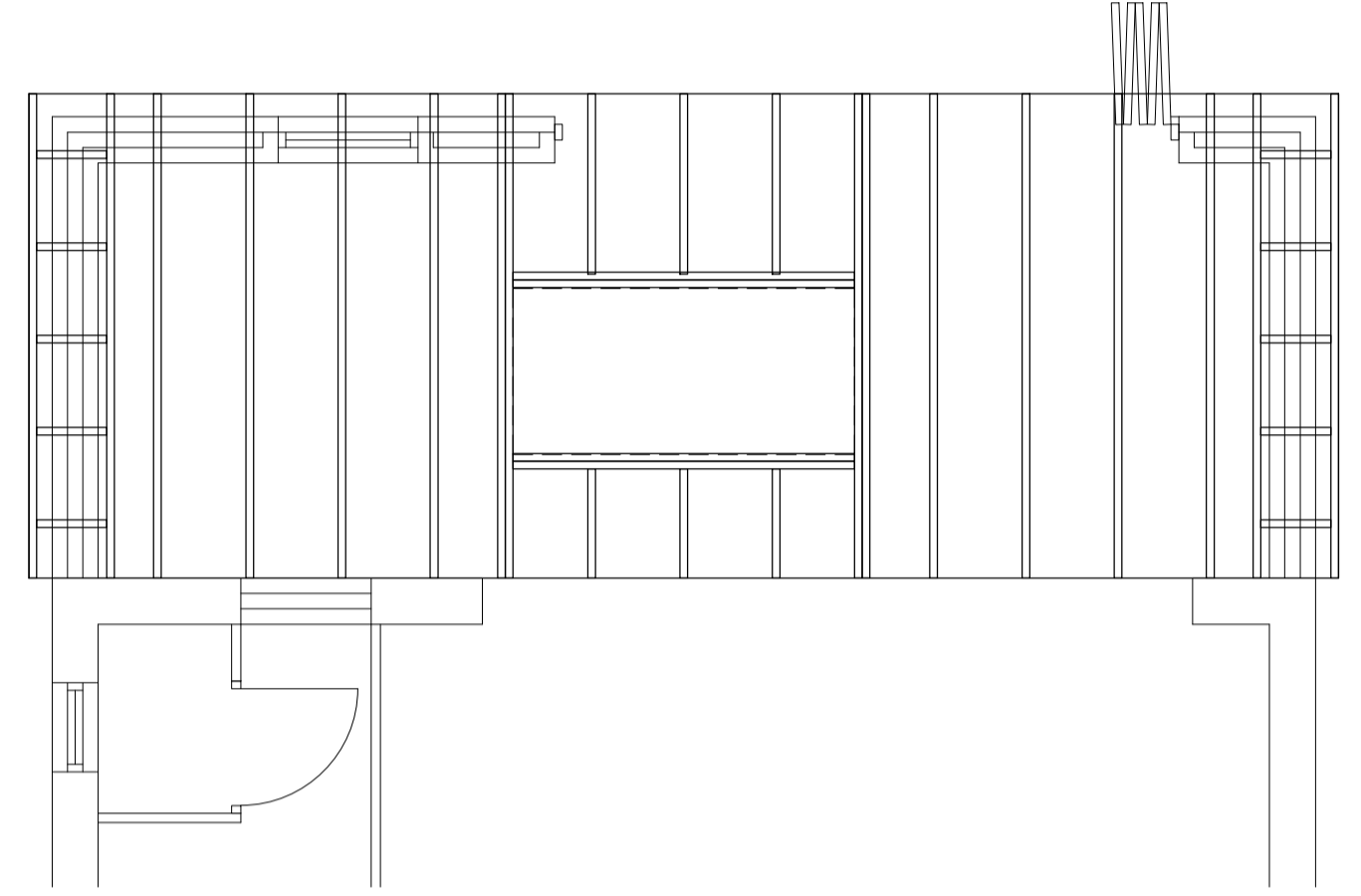
- Member sizes as follows:-  
 Hips 38 x 250mm  
 Purlins refer to calcs @ 1200mm c/c  
 Rafters refer to calcs @ 400mm c/c  
 Ceiling Rafters 50 x 75 mm @ 400mm c/c  
 Dragon ties provided at all hips



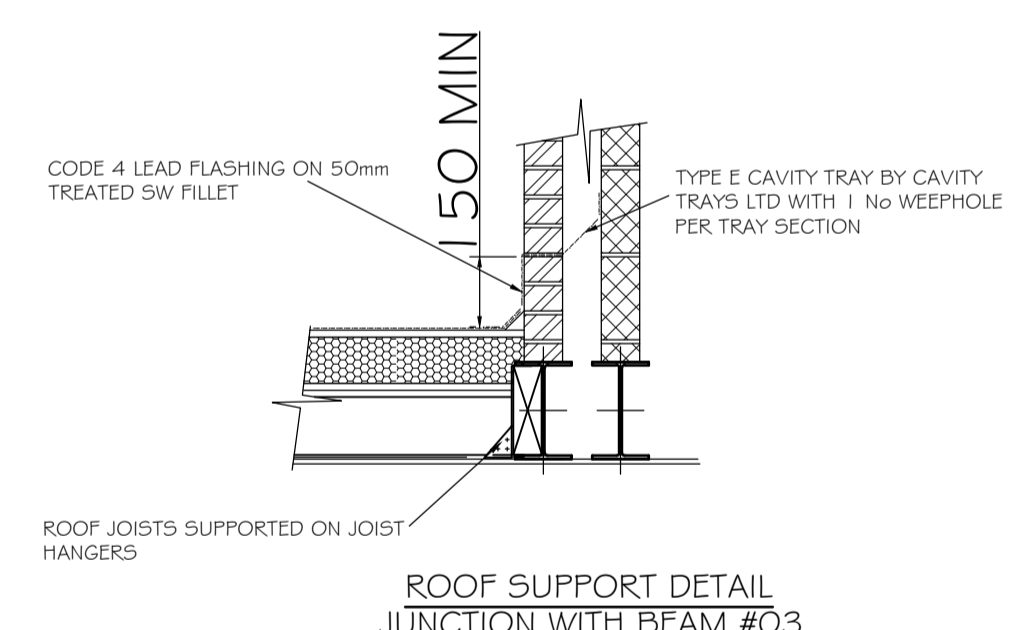
ROOF LANTERN DETAIL (N.T.S.)



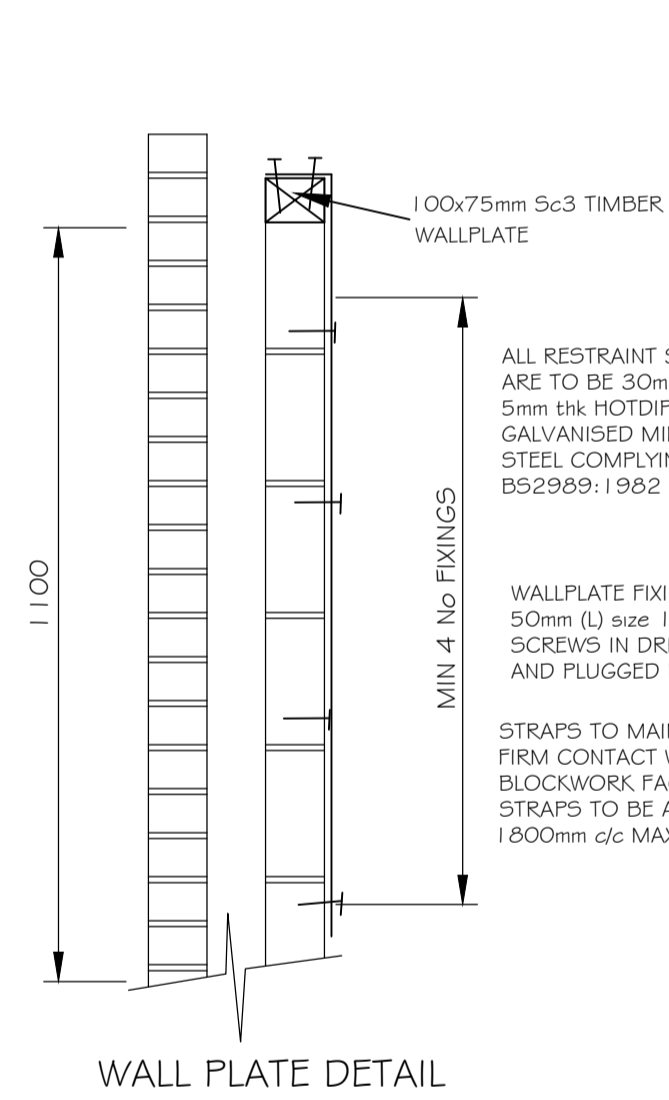
25MM TURN INTO BRICKWORK CHASE AND LEAD WEDGED AT LAPS AND AT 450MM (APPROX) CENTRES



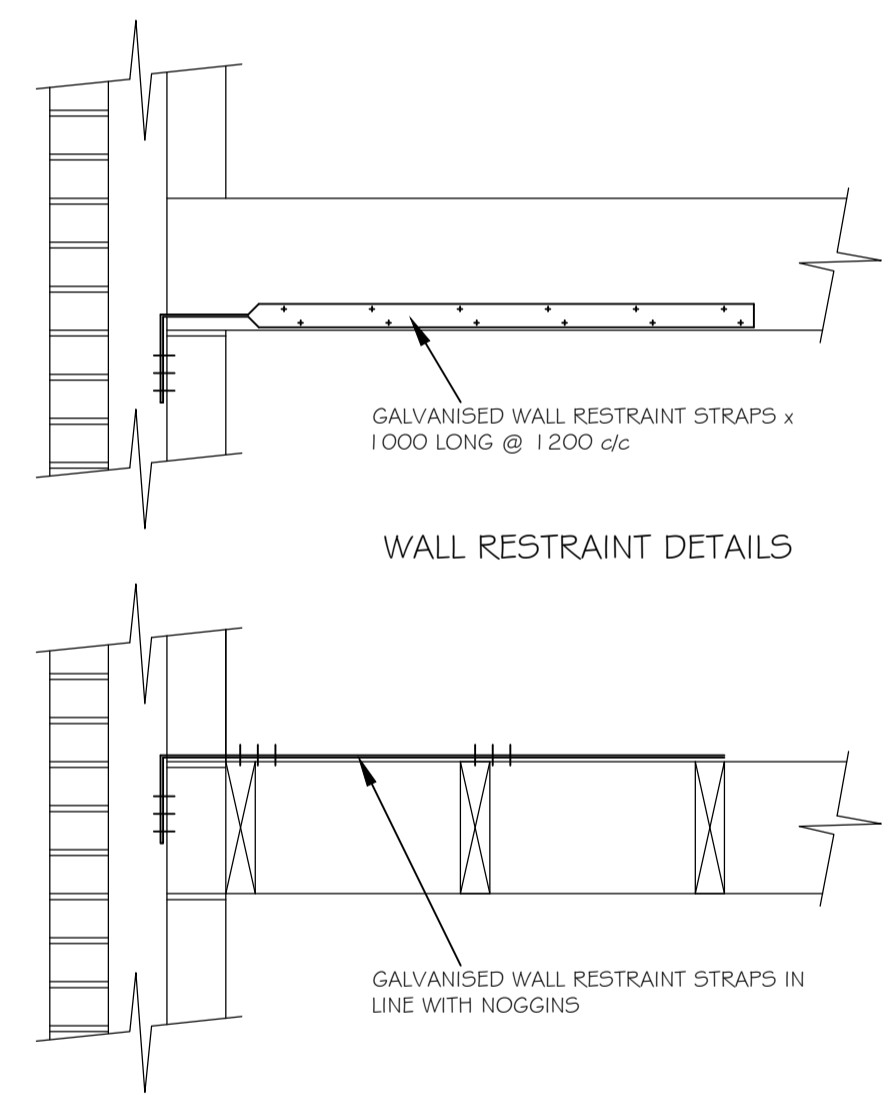
ROOF SUPPORT DETAIL JUNCTION WITH EX WALL (N.T.S.)



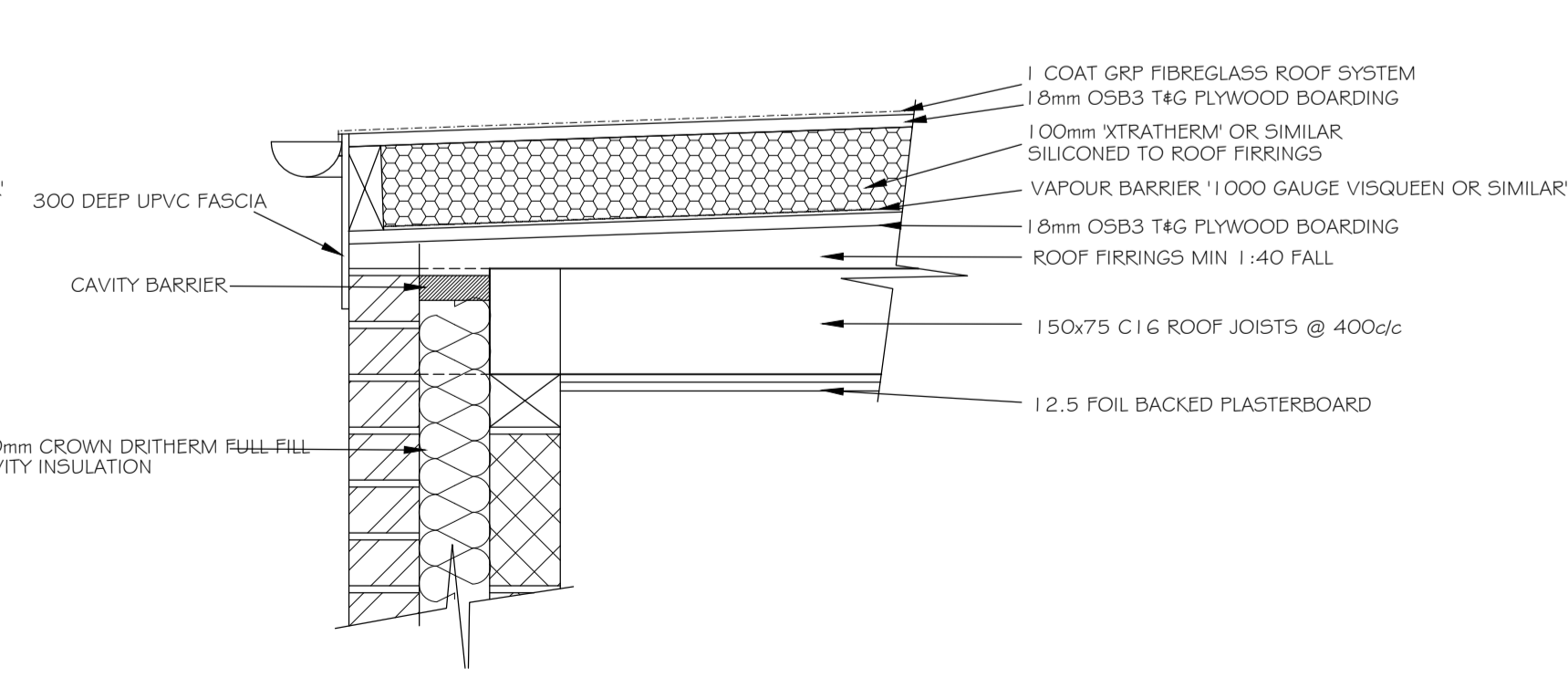
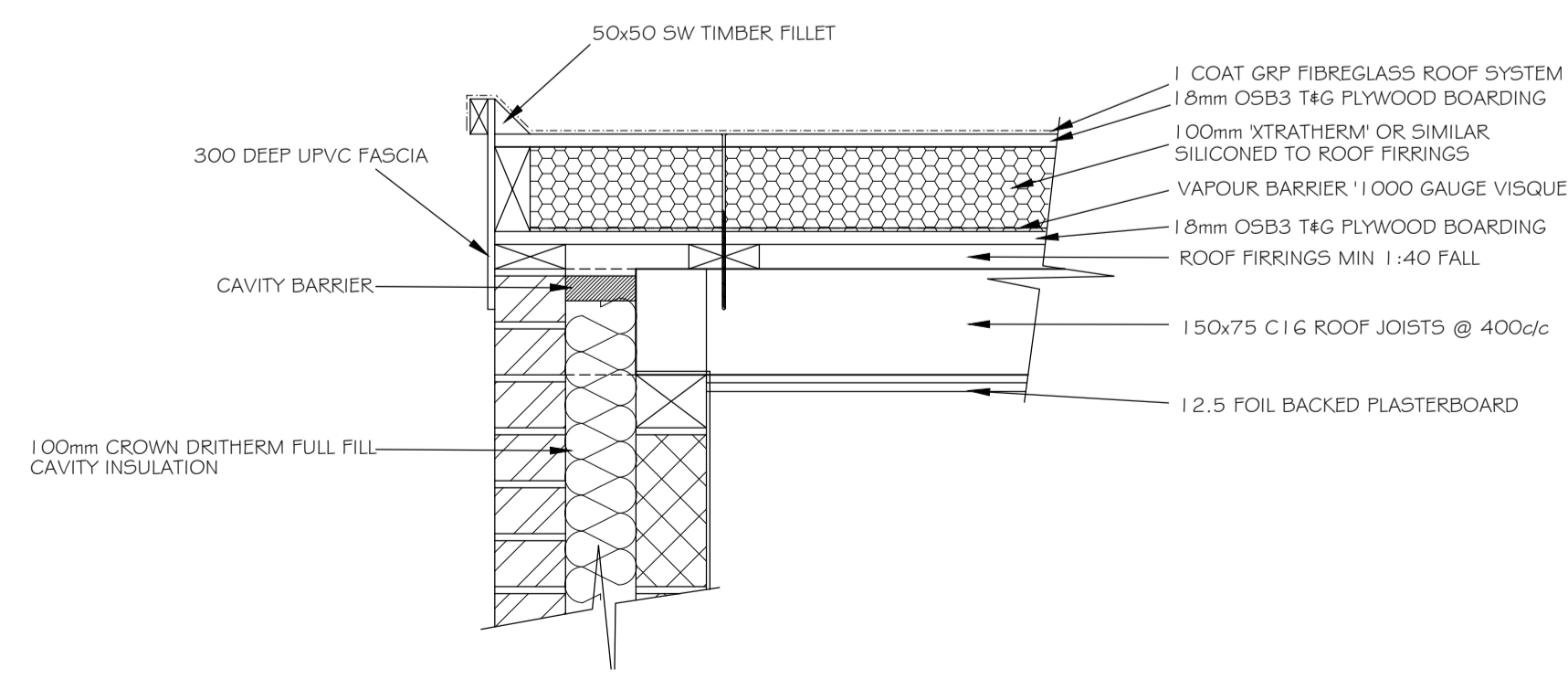
ROOF SUPPORT DETAIL JUNCTION WITH BEAM #03 (N.T.S.)



WALL PLATE DETAIL



WALL RESTRAINT DETAILS



B	Client Amendments	21-12-21	JCH
A	Client Amendments	08-12-21	JCH
Rev.	Amendments	Date	By

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PROJECT ADDRESS  
 G SWAN DRIVE, THORNTON CLEVELEYS,  
 FY5 3FA

PROJECT TITLE  
 REAR EXTENSION

DRAWING TITLE  
 TIMBER GA, DETAILS & NOTES

Client	Mr & Mrs Thornhill	Scales@A1	1:10/20/50
Drawn	JCH	Checked	Date 16-11-21

DRAWING No.	A021/315/BR/03	Revision	B
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