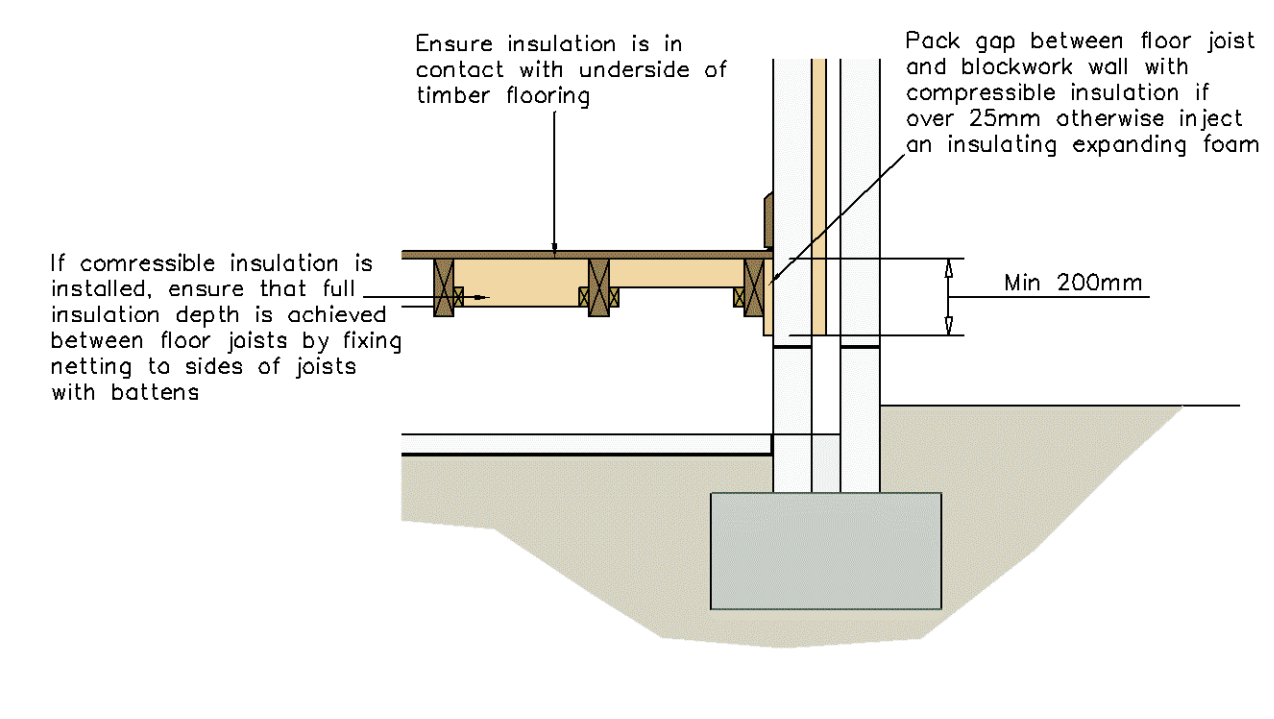
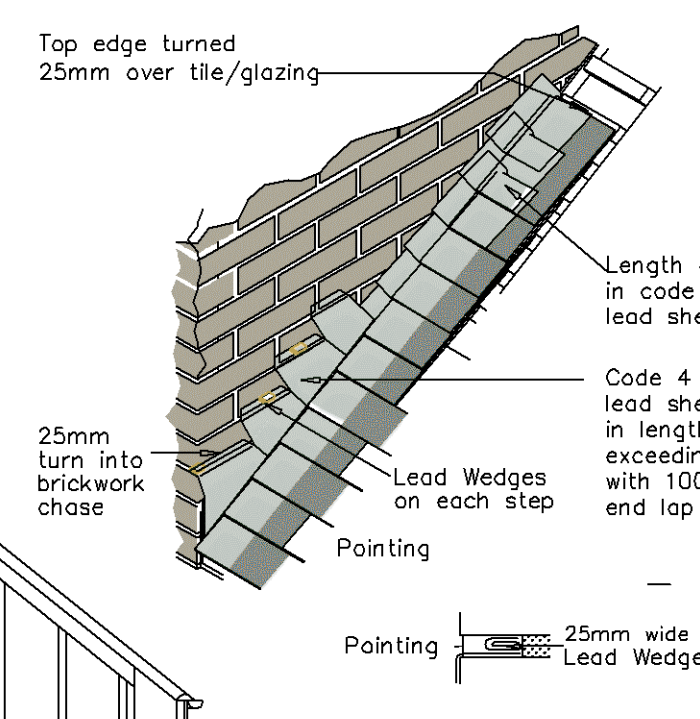
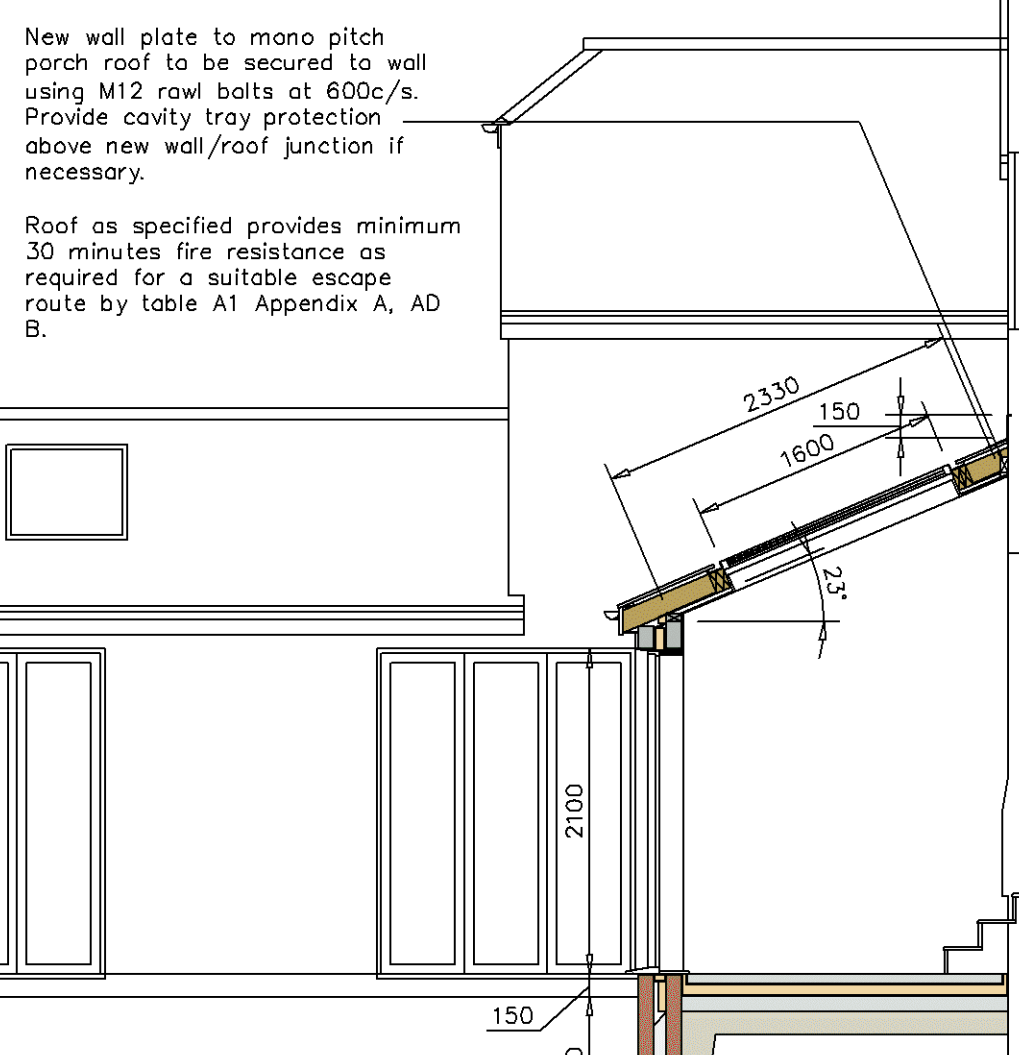
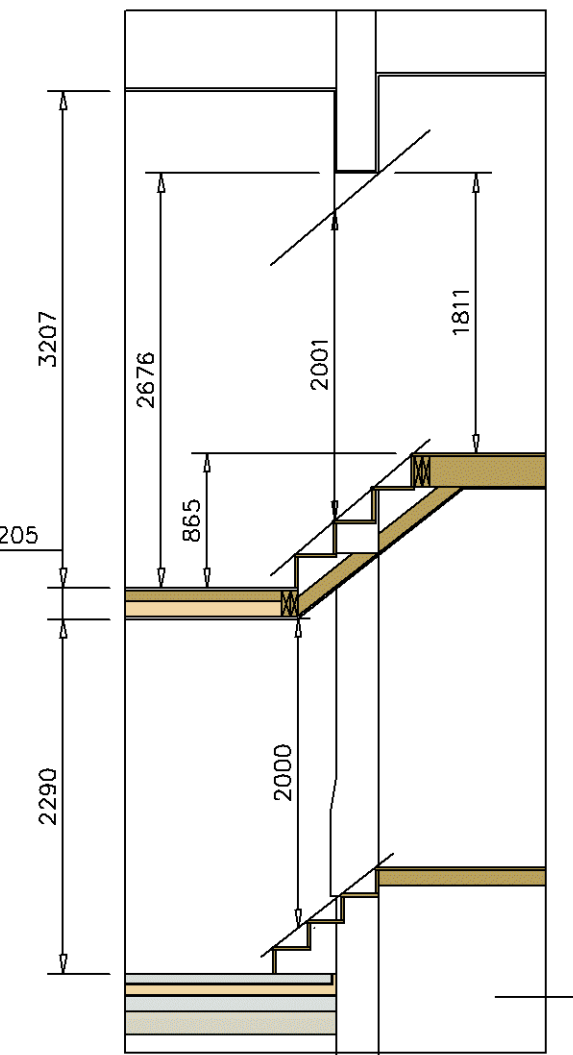


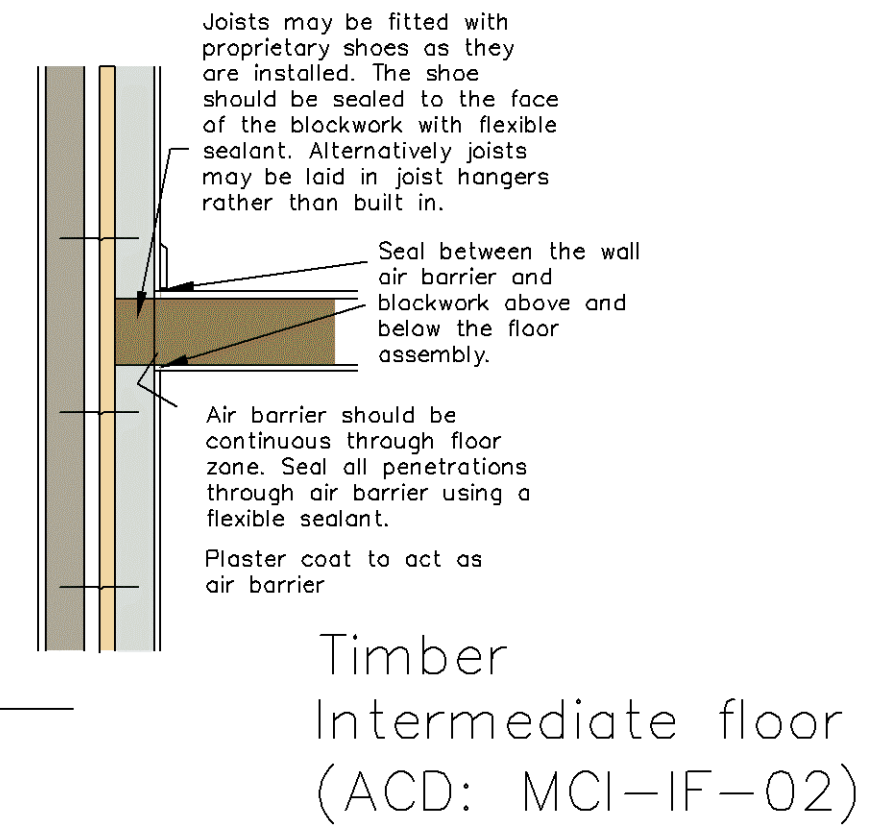
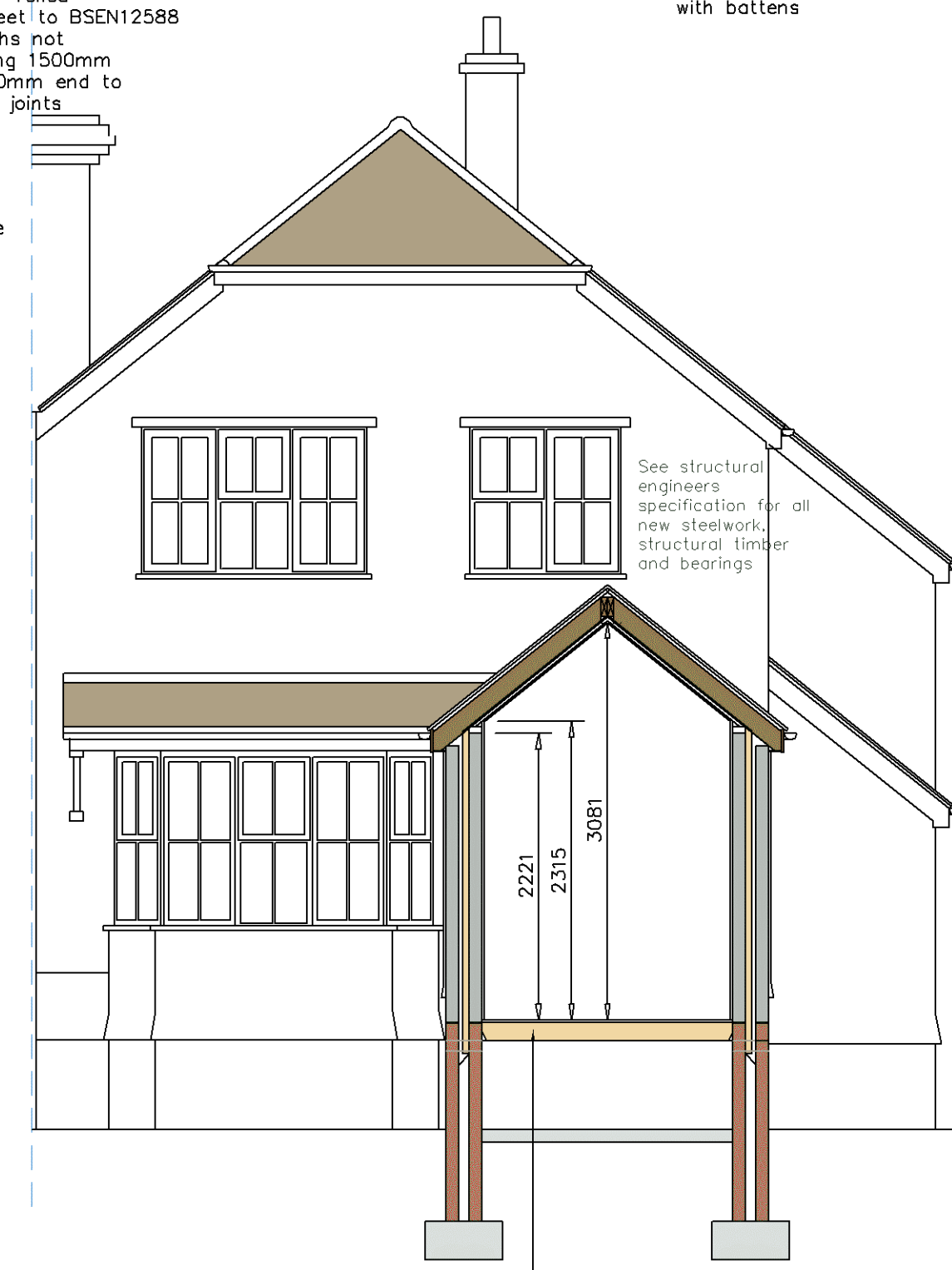
Warm pitch roof (ACD: MCI-RE-04)



Floor Perimeter (ACD: MCI-GF-03)



Section F-F 1:50

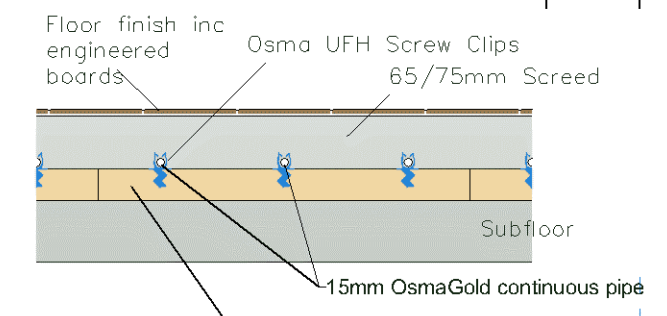
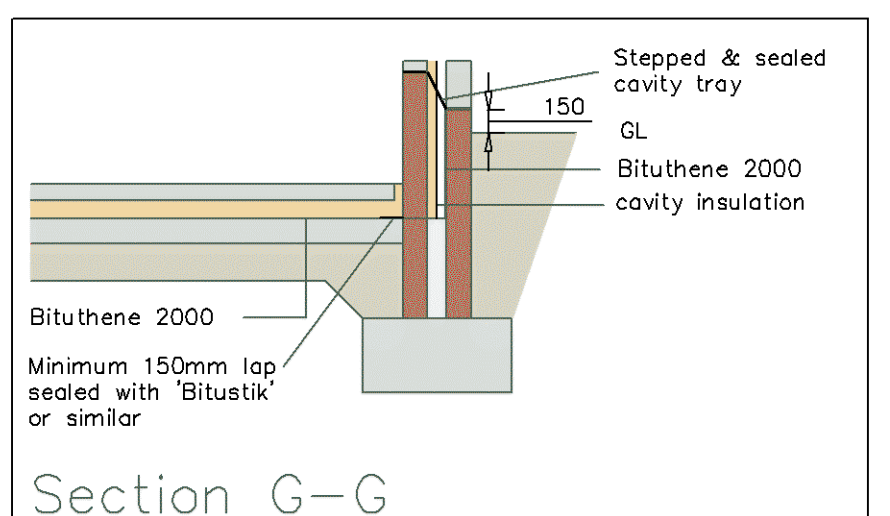


Timber Intermediate floor (ACD: MCI-IF-02)

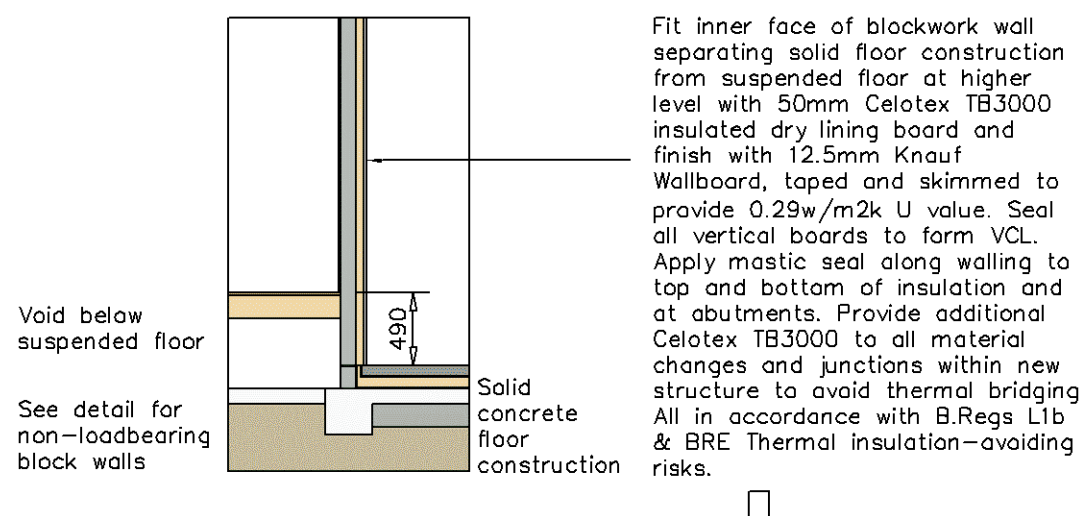
Section H-H

Section F-F 1:50

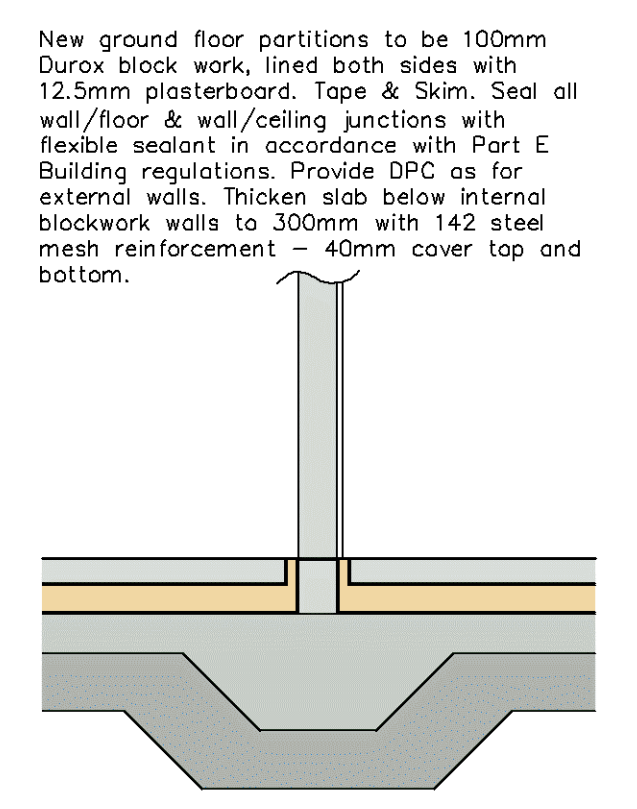
Section A-A 1:50



UFH Option to GF



Section E-E 1:50



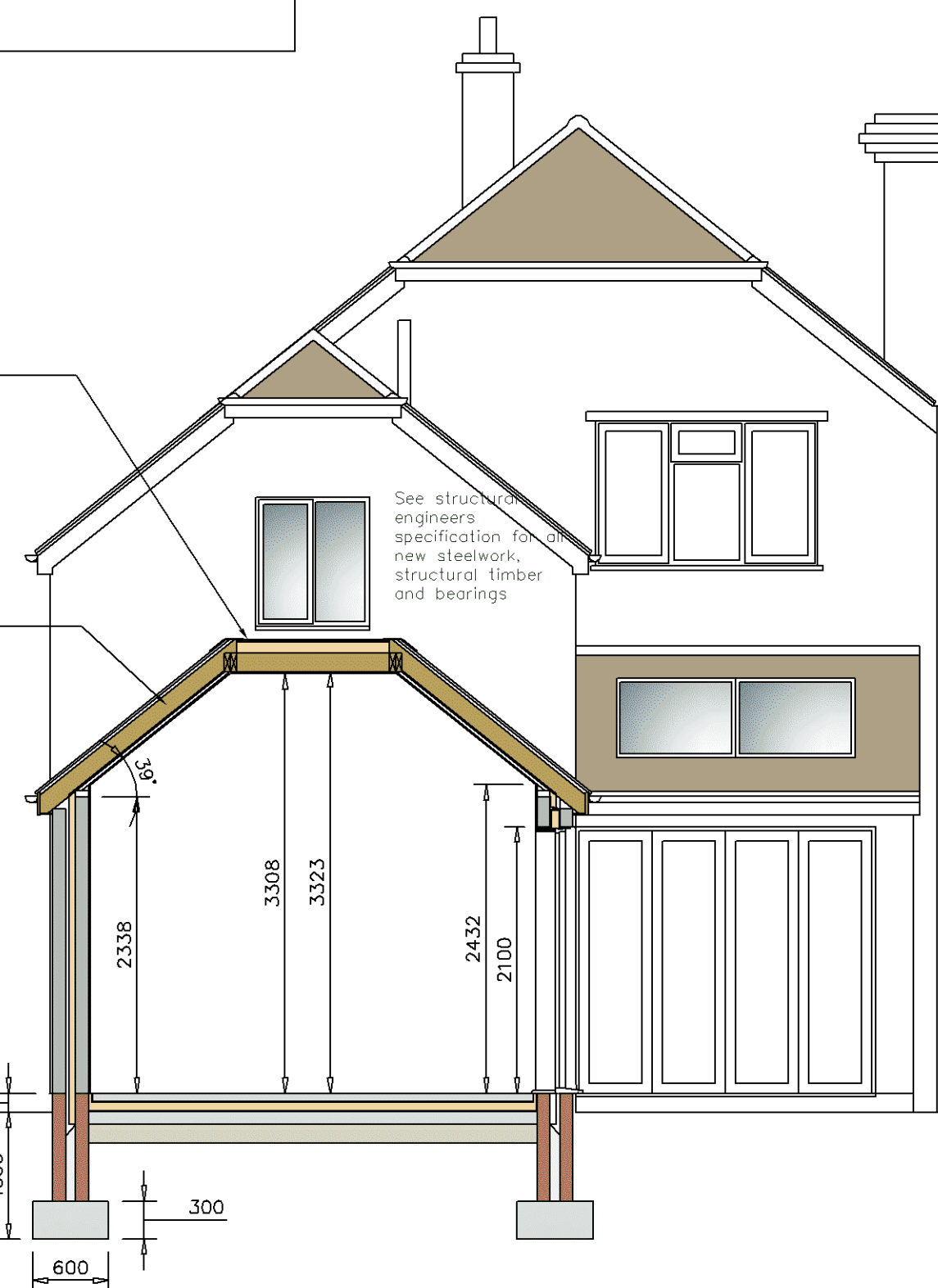
Section G-G

UFH Option to GF

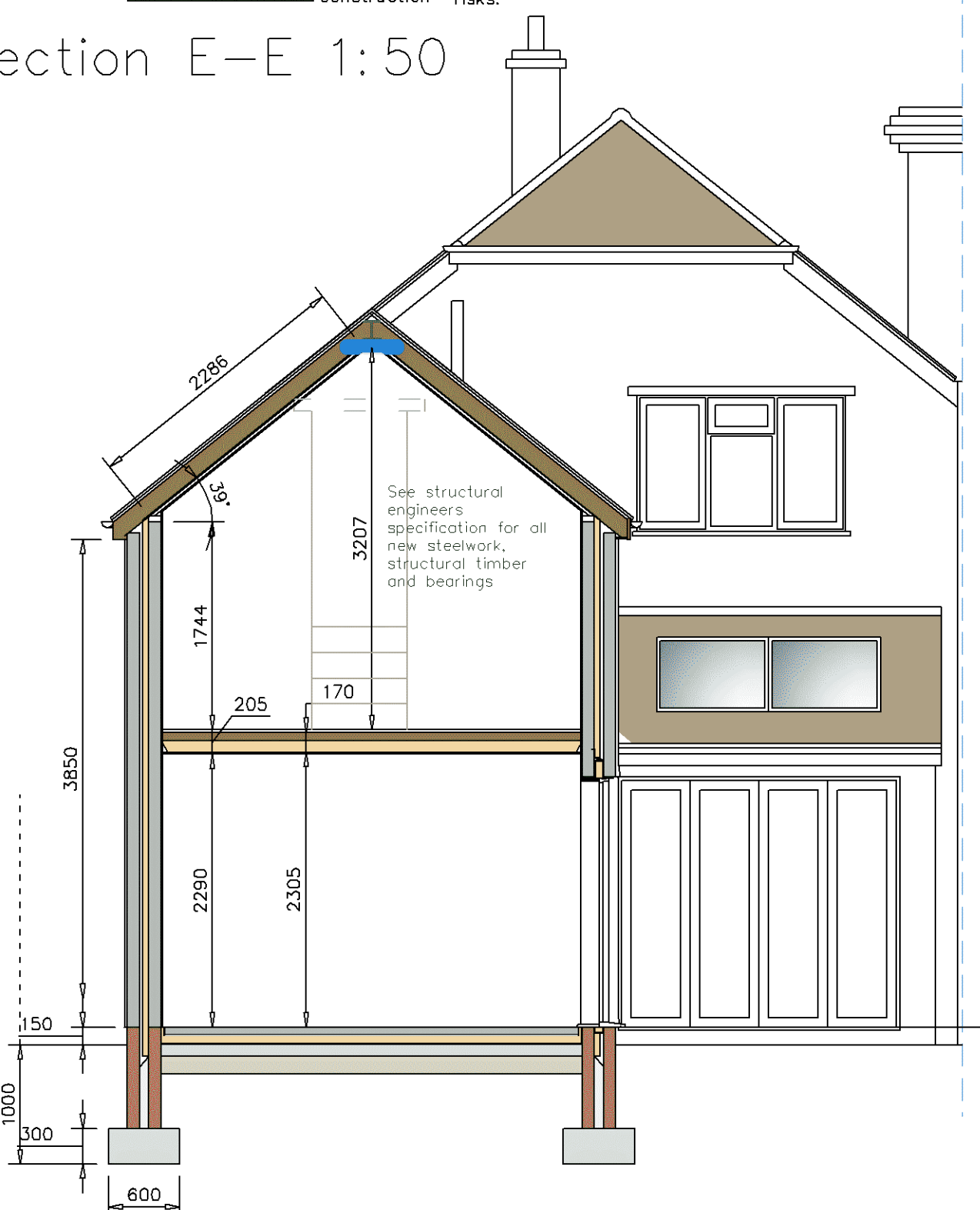
Section E-E 1:50

Non loadbearing solid partitions

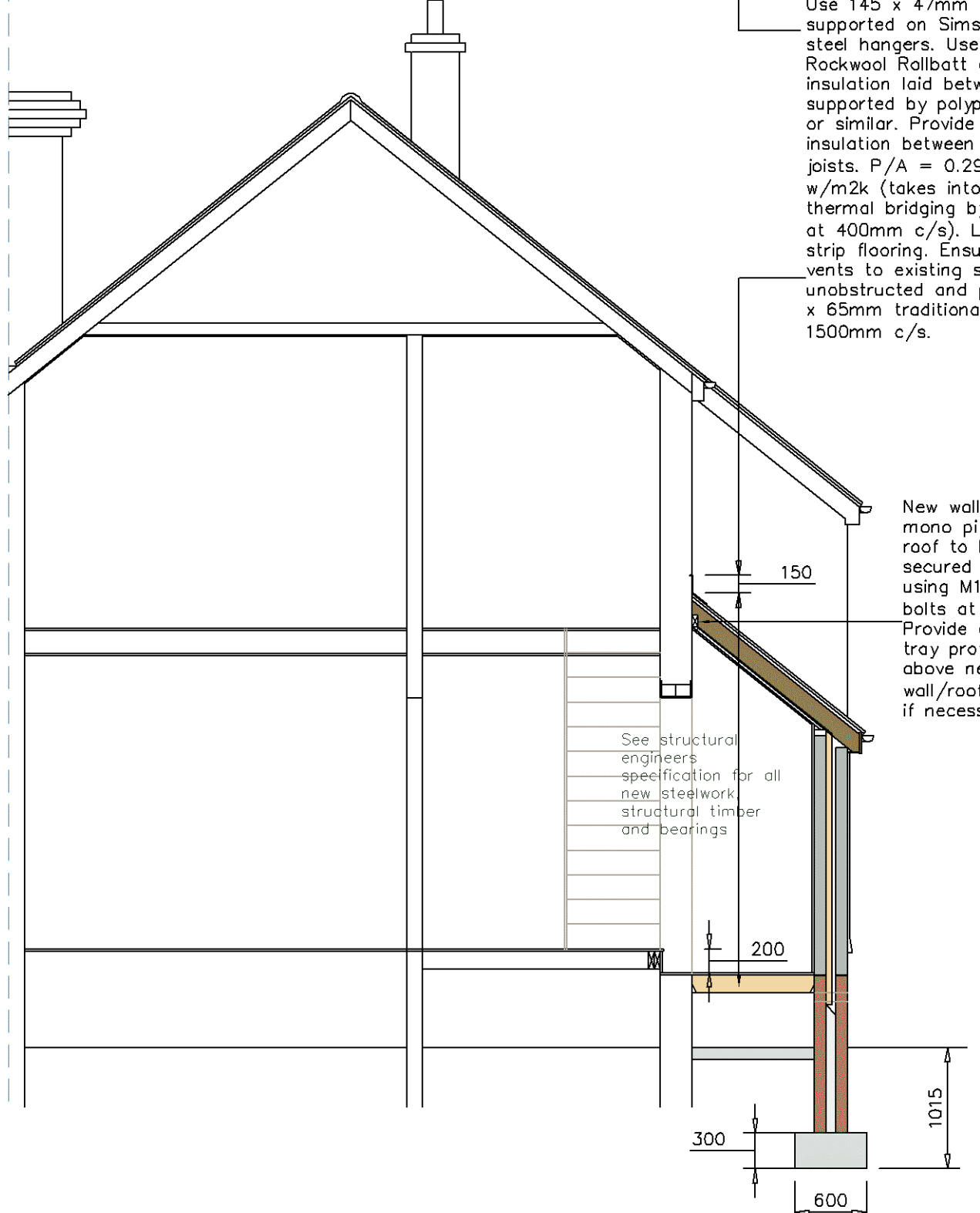
Construct new flat roof using 150 x 47mm C16 joists at 400mm c/s (or as specified by engineer). Apply 16mm Kingspan thermaroc TB31 composite insulation over joists (vapour proof non setting gun grade mastic sealant applied continuously to upper surface of all joists/noggins corresponding with board edges to ensure continuity of foil vapour control layer), 6mm plywood deck upper bonded to 110mm thick GFC/HFC-free solid urethane core and foil vapour control layer to underside. Finish with Sarnafil single membrane (see details). Apply 12.5mm plasterboard under, tape & skim. Provides 'U' value of 0.22 w/m2k.



Section D-D 1:50



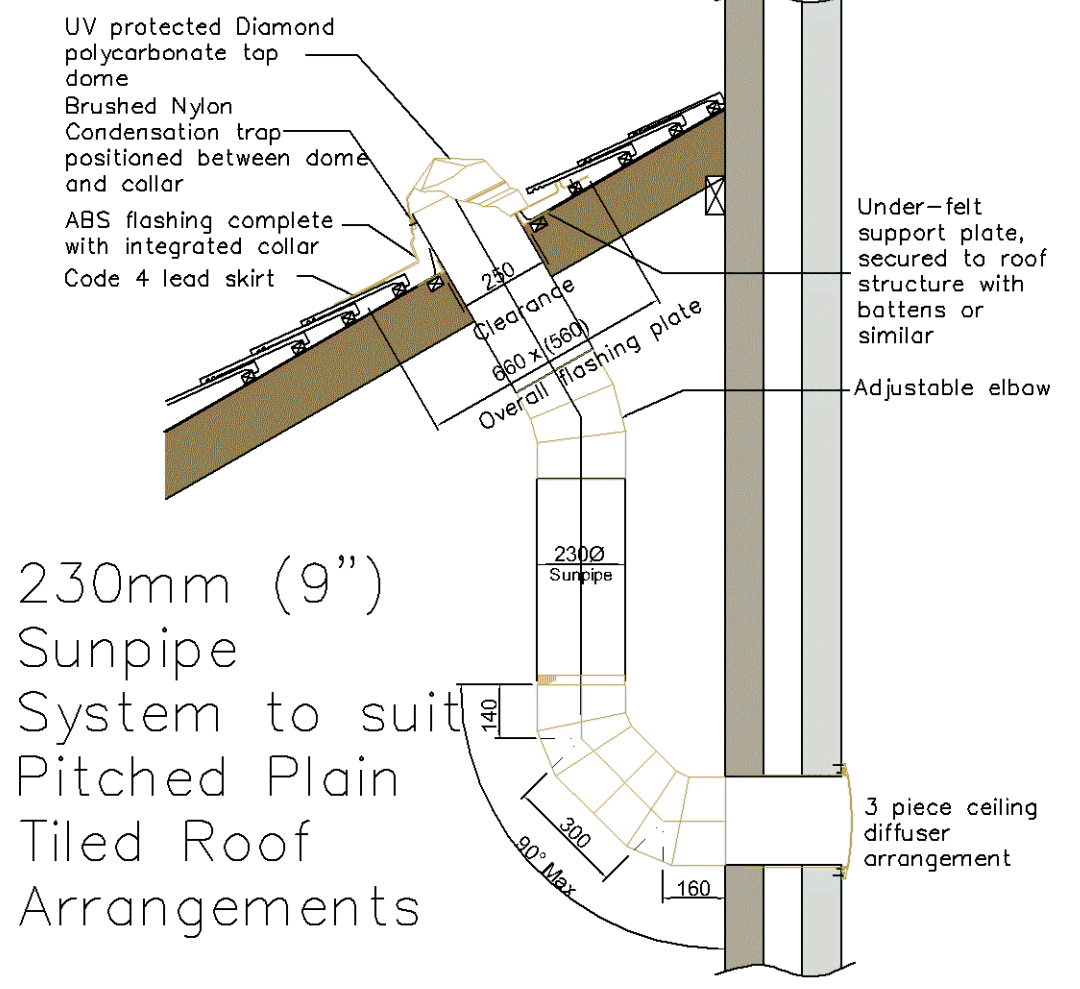
Section C-C 1:50



Section B-B 1:50

Install new suspended timber floor. Use 145 x 47mm C16 floor joists supported on Simpson galvanised steel hangers. Use 140mm Rock-wool Rollbatt or Timber Roll insulation laid between joists and supported by polypropylene netting or similar. Provide vertical edge insulation between party walls and joists. P/A = 0.29. U value 0.19 w/m2k (takes into account 12% thermal bridging by timber joists at 400mm c/s). Lay 22mm T&G strip flooring. Ensure sub-floor vents to existing structure remain unobstructed and provide new 215 x 65mm traditional airbricks @ 1500mm c/s.

New wall plate to mono pitch porch roof to be secured to wall using M12 raw bolts at 600c/s. Provide cavity tray protection above new wall/roof junction if necessary.



Revision:	A	B	C
Location:	30 Cromwell Rd, Henley-on-T	RCDA/160/5	Thomas
Job No:			
Client:			
Date:			Sept 2009
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Richard Court	Architectural	&	Interior design