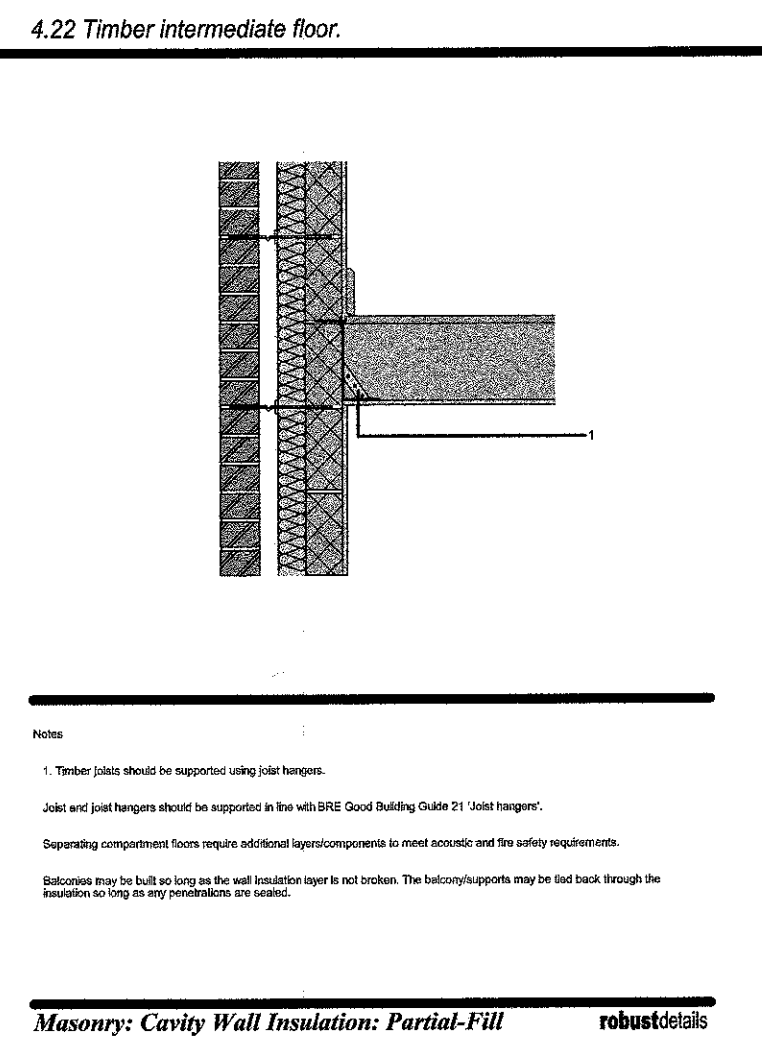
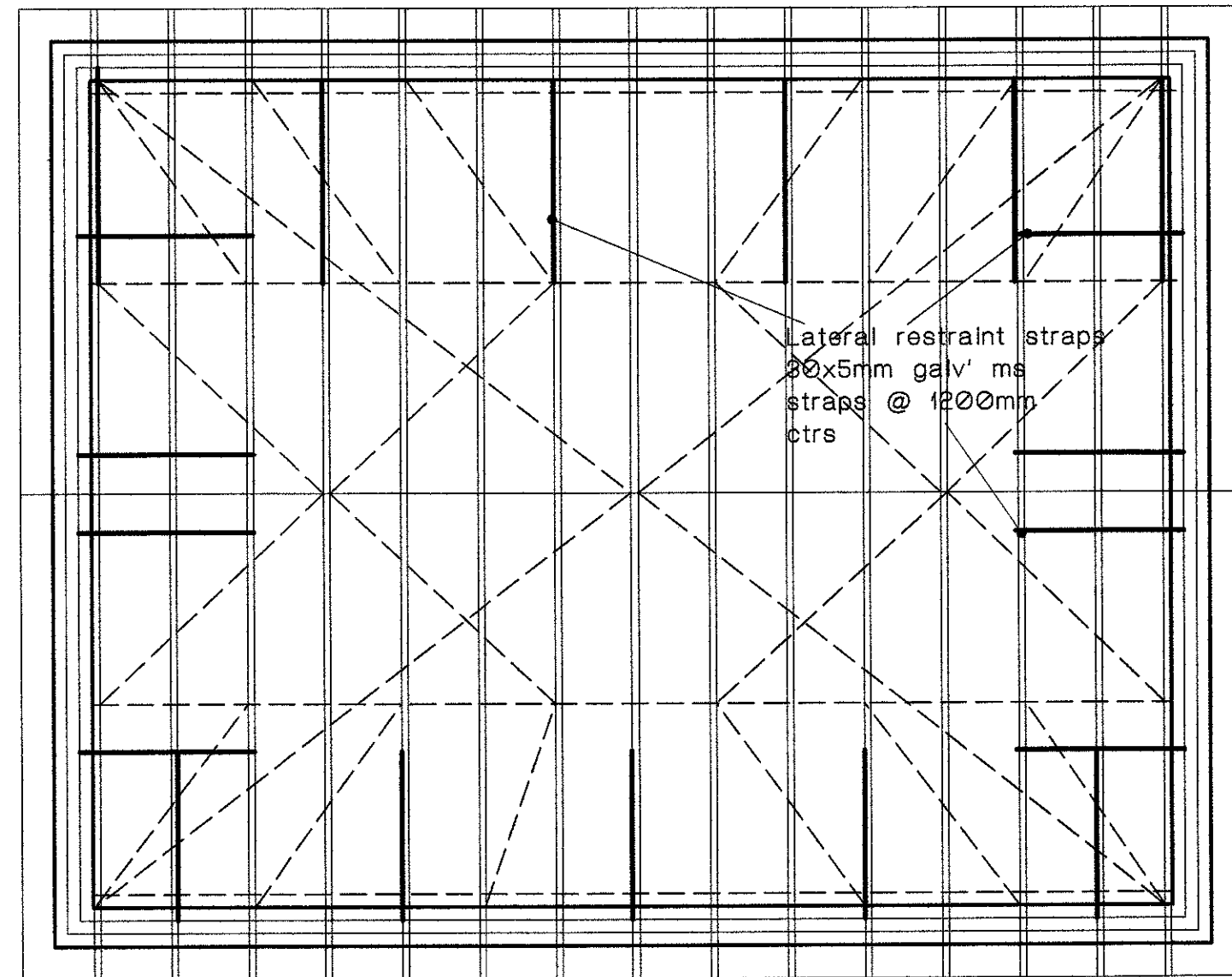
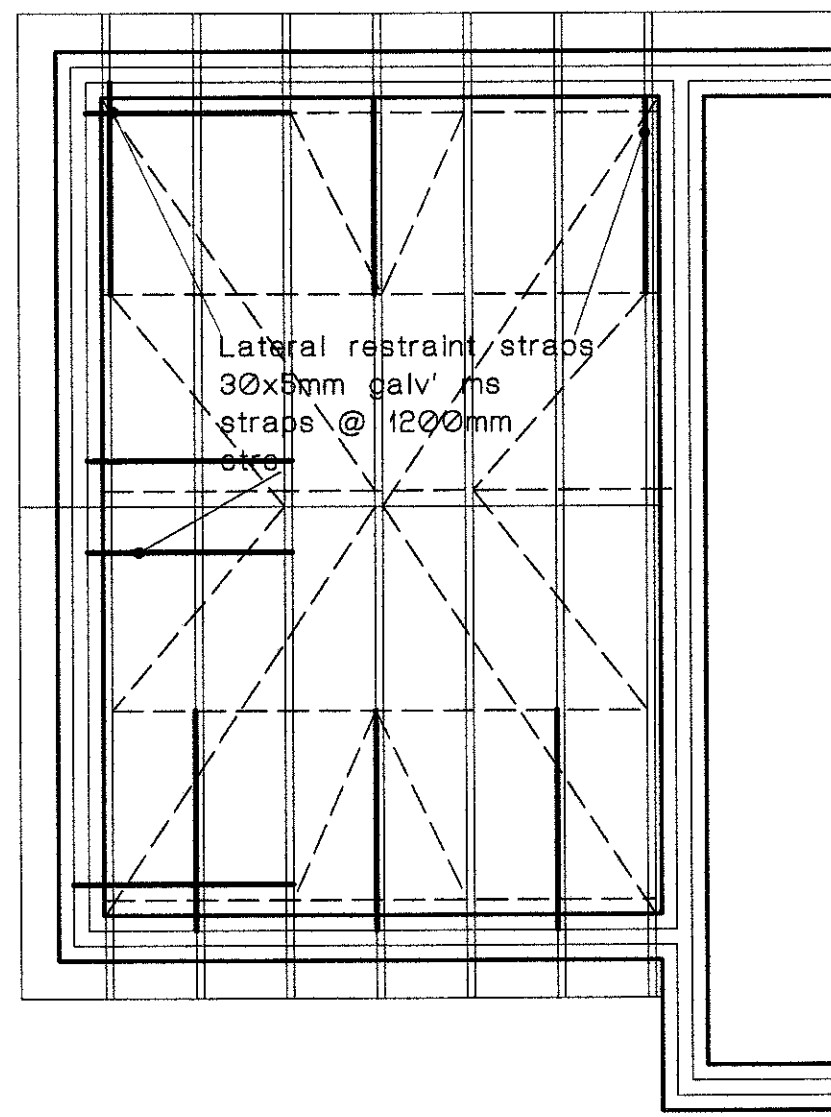


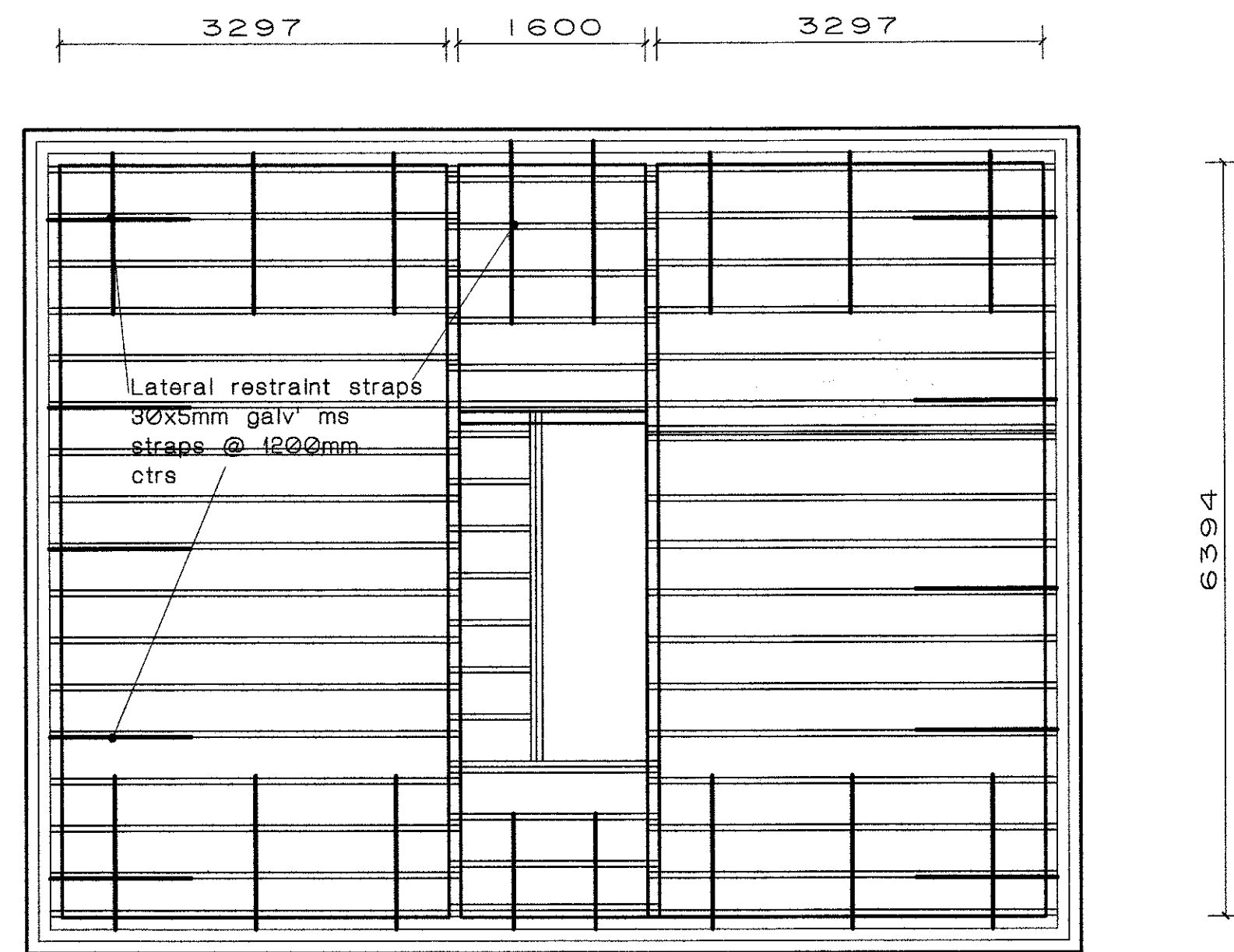
Roof formed with timber trusses sat onto the wall-plate and secured with Catnic TC50 truss clips to each truss end. The trusses are to be braced and tied together with 100x25mm timbers across the top and bottom chords and diagonally through the trusses along the top & bottom chords.

Lateral Restraint provided by 30x5mm galv' ms straps @ 1200mm ctrs fixed to joist ends and turned down cavity 400mm and screwed to trusses 1200mm. Where the trusses are parallel to walls the straps are to be fixed across 3no trusses.

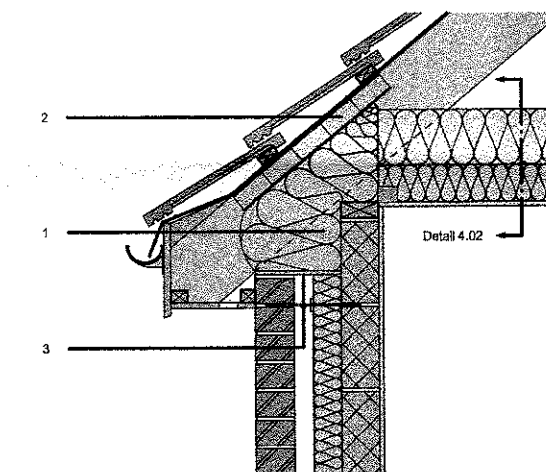


Form the first floor with timber floor joists 195x50mm set @ 400mm ctrs, built into the walls at each end. The joists ends are to be wrapped to protect the timbers. Where a partition is located the floor is to have a double joist located below the partition.

Form the stair well using a doubled timber trimmer carrying the trimmed joists in metal joist shoes fixed to the trimmer.



Roof Truss Plan



Notes

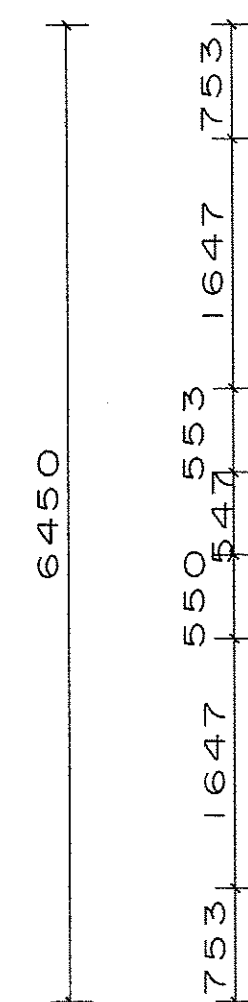
1. Apply 20mm (min) layer of compressible mineral wool or similar ($\rho \geq 1.2m^3/KW$) over wall and ensure left insulation remains in position.
2. Use proprietary crossflow ventilator or ensure 20mm (min) air gap.
3. Fully close cavity with mineral wool or calcium silicate board (where).

This detail is also suitable for monolith roofs subject to suitable ventilation provision.

This detail should be read in conjunction with detail 4.02.

Masonry: Cavity Wall Insulation: Partial-Fill **robust**details

Form concrete strip foundations 750mm wide
x 225mm thick, set a minimum depth of 750mm
below the external ground level.
If required following ground inspection the concrete
foundation strips may be reinforced with steel mesh
if required by the building inspector.



1

2

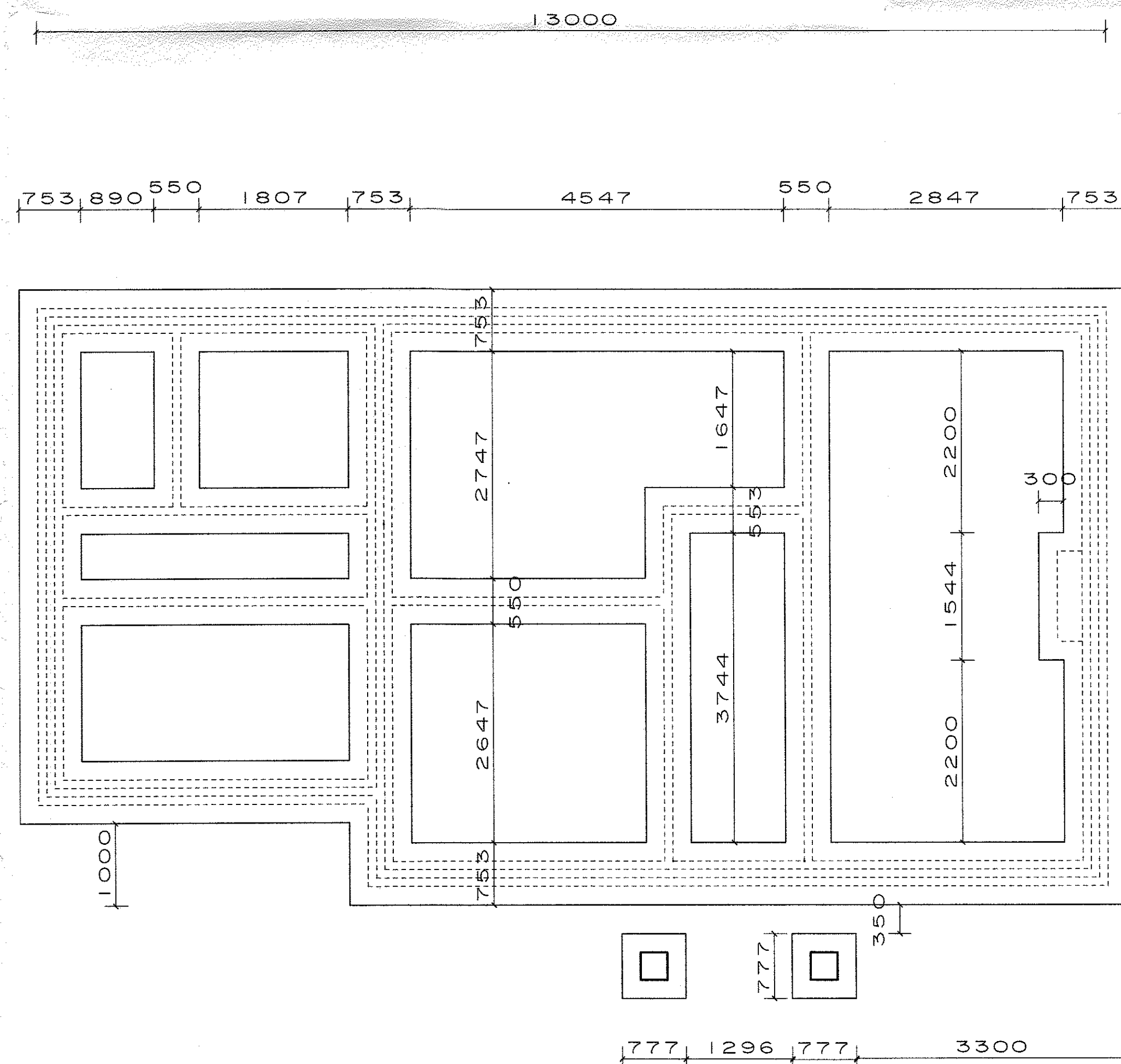
To system B=0, fromWV, room 21	
Area	Thickness
0.0302	19
0.0302	15
0.0303	23
0.0303	36
0.040	30

Notes

1. Continues wall insulation at least 150mm below top of perimeter insulation and support on row of Sds.
2. Perimeter insulation with minimum R-value of 0.75m²/KW - see table.

Any access must have perimeter insulation with a minimum R-value of 0.75m²/KW (not shown).

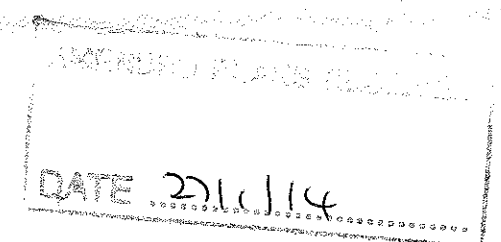
Masonry: Cavity Wall Insulation: Partial-Fill **robustdetail**



Foundation Plan Plan

[illegible]

notes
X



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Blackburn BB2 7PP.

title	Proposed Floor Plans & Section
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scale 1:50	drawn AF	date 14/10/13
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