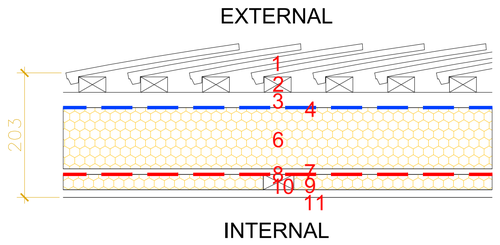
ROOF

Roof - Existing Pitched Roof

RT-01	
U-value	**0.34**
Rafter size	100mm
Overall build-up	203mm

Description:

Insulation between existing rafters on main part of the existing building in areas up to flat ceilings.



BUILD UP

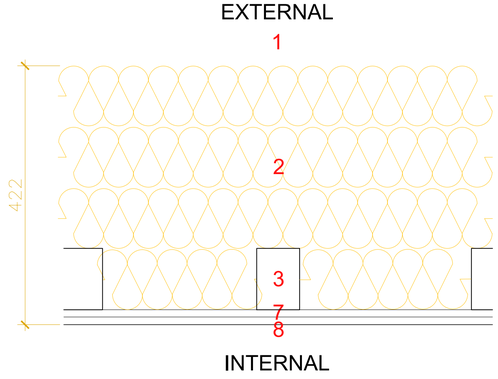
1. Existing plain clay tiles
2. Existing counter battens
3. Existing vertical battens
4. Recently installed breather membrane (contractor to confirm manufacturer)
5. Assumed 100mm existing rafters
6. 100mm SteicoFlex wool fibre insulation
7. 9mm osb
8. Ampatex Sinco vapour control membrane
9. 25mm SteicoFlex wool fibre insulation
10. 25x50mm sw timber batten
11. 12.5mm Gyproc plasterboard with 3mm plaster skim coat. Painted finish to client choice

Roof - Loft

RT-02	
U-value	0.10
Joist size (assumed)	100mm
Overall build-up	422mm

Description:

Insulated loft space above existing ceiling joists



BUILD UP

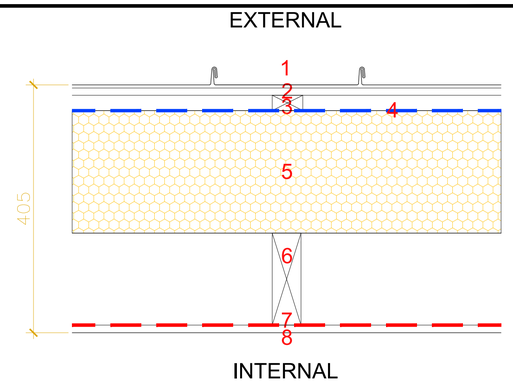
1. Accessible loft space / void
2. 400mm Thermafleece Cosywool loft roll insulation
3. Existing ceiling joists (assumed 50x100mm)
4. 9mm osb sheeting
5. 12.5mm Gyproc plasterboard with 3mm plaster skim coat. Painted finish to client choice.

Roof - Extension - Rev A

RT-03	
U-value	**0.10**
Joist size	150mm
Overall build-up	405mm

Description:

Warm deck roof insulation over rafters.



BUILD UP

1. Standing seam metal roofing to client choice.
2. 12mm plywood deck
3. 25x50mm tannalised sw vertical timber battens
4. Tyvek breather membrane or similar
5. 200mm Celotex XR4000 roof insulation
6. 47x150mm C24 grade timber rafters
7. VCL to contractor choice
8. 12.5mm Gyproc plasterboard with 3mm plaster skim coat and painted finish.

1 Proposed Roof Types

1:5

1:5

0 5 100 200 300 400 500mm

GENERAL NOTES:

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NOTES:

REVISIONS:

Rev	Date	Details	Rev By	Chkd By
00	DD.MM.YYYY	XXX	XX	XX

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PROJECT NAME:
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CLIENT:
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STATUS	SCALE	DATE
P	1:5 @ A1	17/02/25

DRAWING NAME:
Proposed Build Ups
Roof

DRAWING NUMBER: 00424_P_502

REV: -