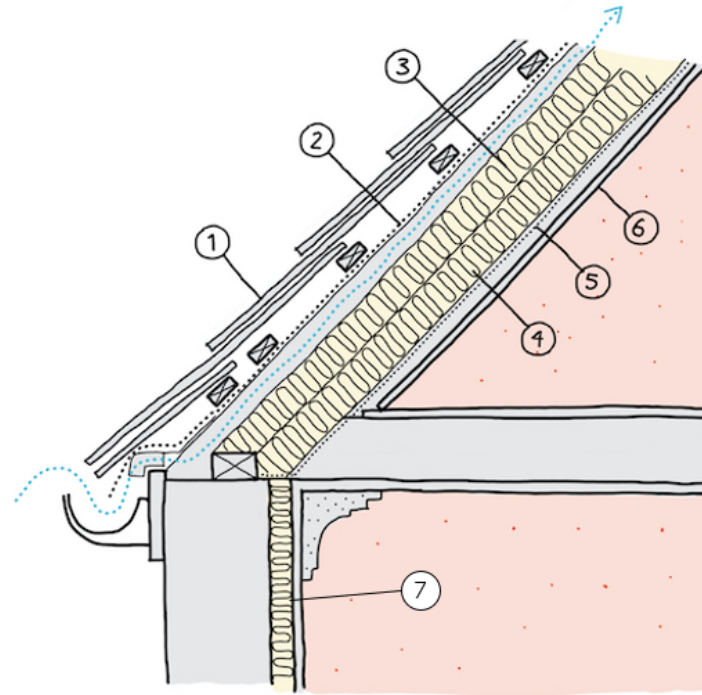


Hollington House – proposed attics wall and roof insulation approach



1 & 2: Existing roof covering

3 & 4: PIR insulation between and below rafters, ensuring 50mm air gap, total 150mm

6: Plaster board finished with lime plaster in keeping with walls

7: Wood fibre insulation with no air gap and finished with lime plaster to retain breathability of walls and character

An example of a retrofitted ventilated warm pitched roof build-up:

1- Roof tiles on battens; 2- Waterproof membrane (can be non-breathable); 3- Insulation between the rafters leaving a 50mm air gap above; 4- Insulation underneath the rafters; 5- Vapour control layer; 6- Plasterboard interior lining on 25mm counter battens or insulated plasterboard.