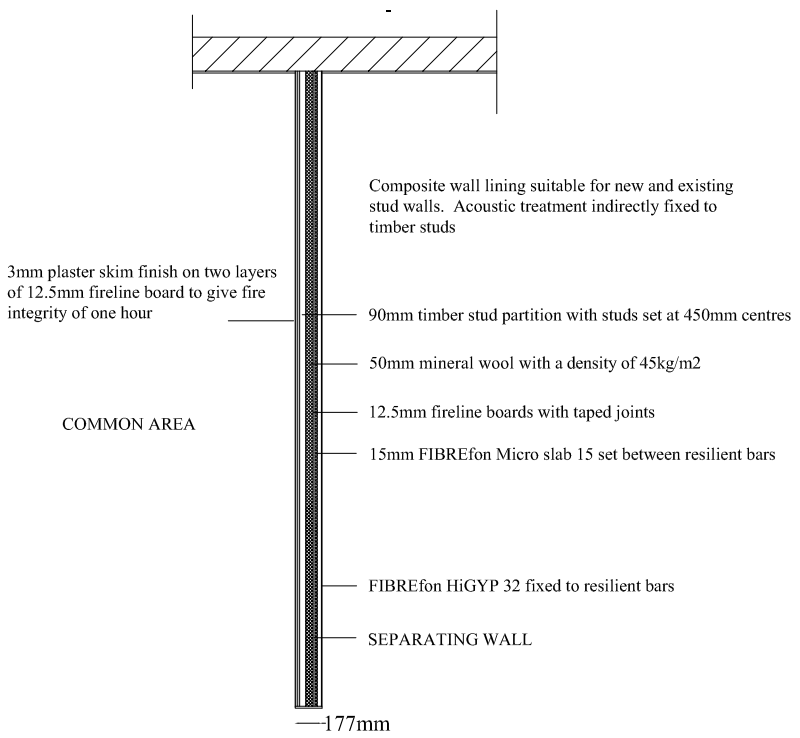
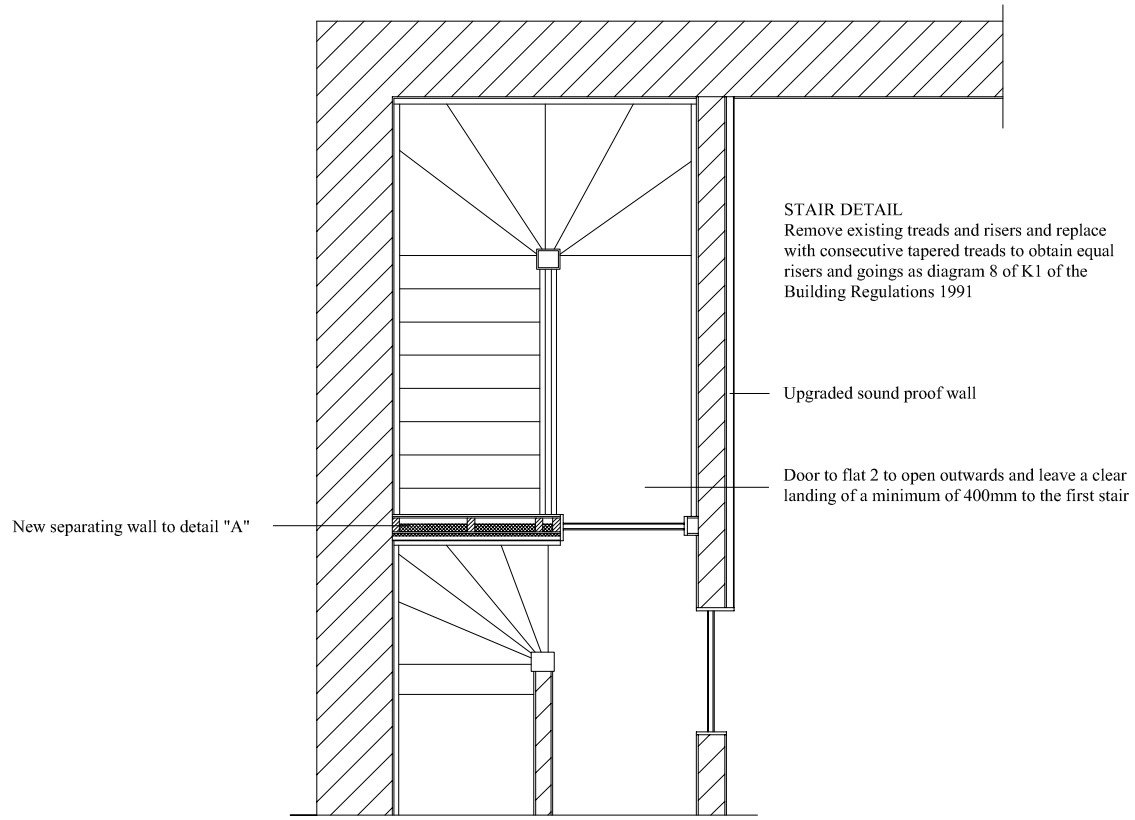
DETAIL "A" TIMBER STUD WALL

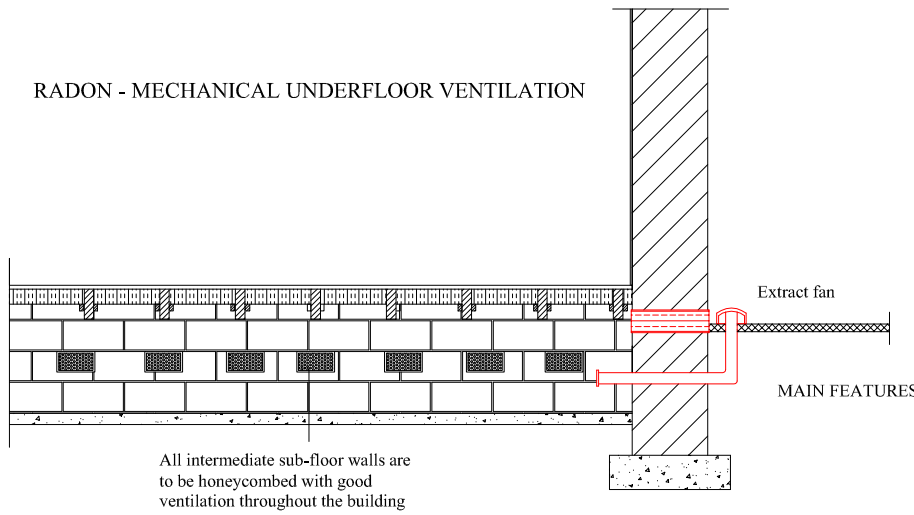
(Sound reduction of > 56dB)



DETAIL "B" ALTERATION TO STAIRS APPROACHING THE SECOND FLOOR LANDING



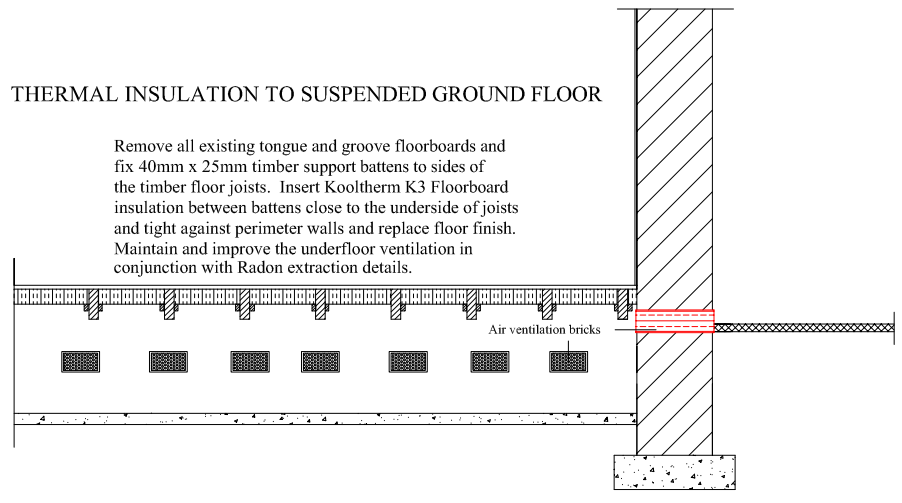
RADON - MECHANICAL UNDERFLOOR VENTILATION



MAIN FEATURES: The fan may be either axial or centrifugal.
Designed to have a flow exchange air rate of between 3 and 10 times per hour.
Power rating of 75 Watts.
Positioned away from openable opening and underfloor air bricks.
The design is based on BRE Document radon solutions No. 10.

THERMAL INSULATION TO SUSPENDED GROUND FLOOR

Remove all existing tongue and groove floorboards and fix 40mm x 25mm timber support battens to sides of the timber floor joists. Insert Kooltherm K3 Floorboard insulation between battens close to the underside of joists and tight against perimeter walls and replace floor finish. Maintain and improve the underfloor ventilation in conjunction with Radon extraction details.



SCALE 1:25

DRAWING NO. 11