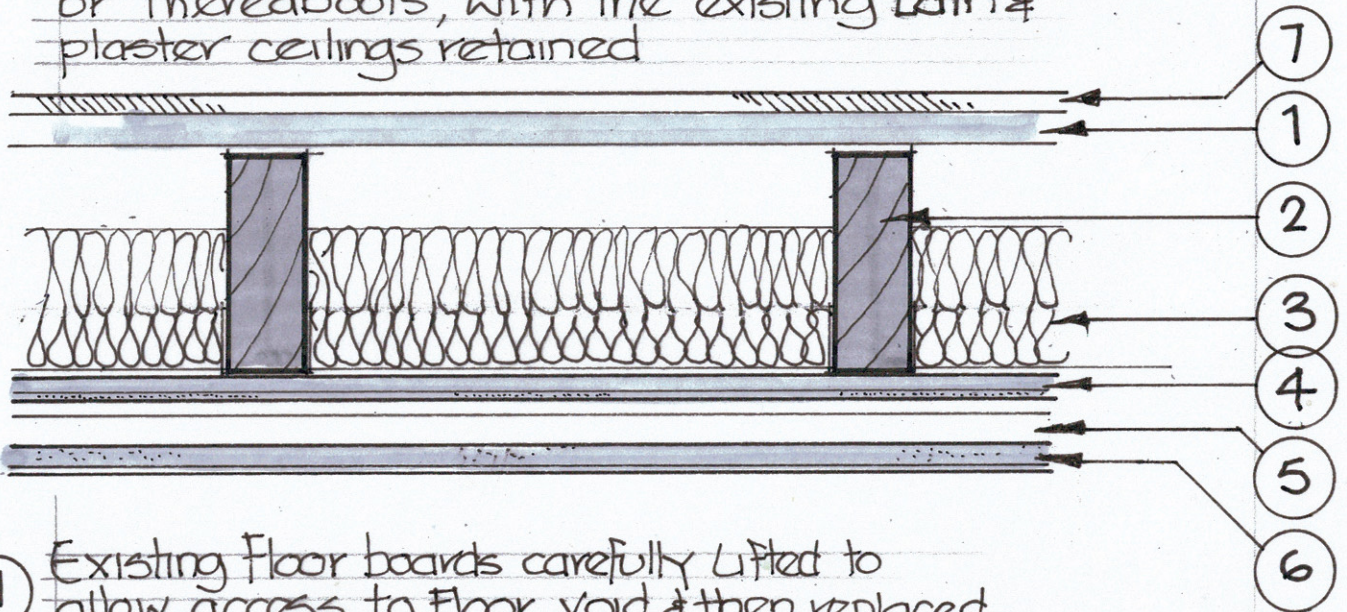


The Grove Hotel, Buxton

Floor upgrading detail for the second & third floors. 1:5@A4

the Floor upgrading detail has been developed to achieve 60 min fire resistance & improve the acoustic performance to a sound reduction level of 42db or thereabouts, with the existing lath & plaster ceilings retained



- ① Existing Floor boards carefully Lifted to allow access to floor void & then replaced Any damaged boards to be replaced with matching soft wood floor boards
- ② Existing Floor Joists retained
- ③ 100 mm Rockwool Flexi Mineral fibre insulation quilt laid between joists
- ④ Existing lath & plaster ceiling or plasterboard ceiling where present
- ⑤ Gyproc GL1 metal framing channel @ 600mm cc/s max
- ⑥ 15mm Gyproc Fireline board with skim plaster finish
- ⑦ 17mm Deckfon Acoustic chipboard laid over existing floorboards as a floating floor & not fixed to boards beneath

date: April 24

scale: 1:5@A4

dwg no: C820A

Rev A insulation spec
April 24 changed &
deckfon board
added