

Double layer of Gyproc Fireline board to each side of existing internal walls. Retain existing lath and plaster

Selected floor finish

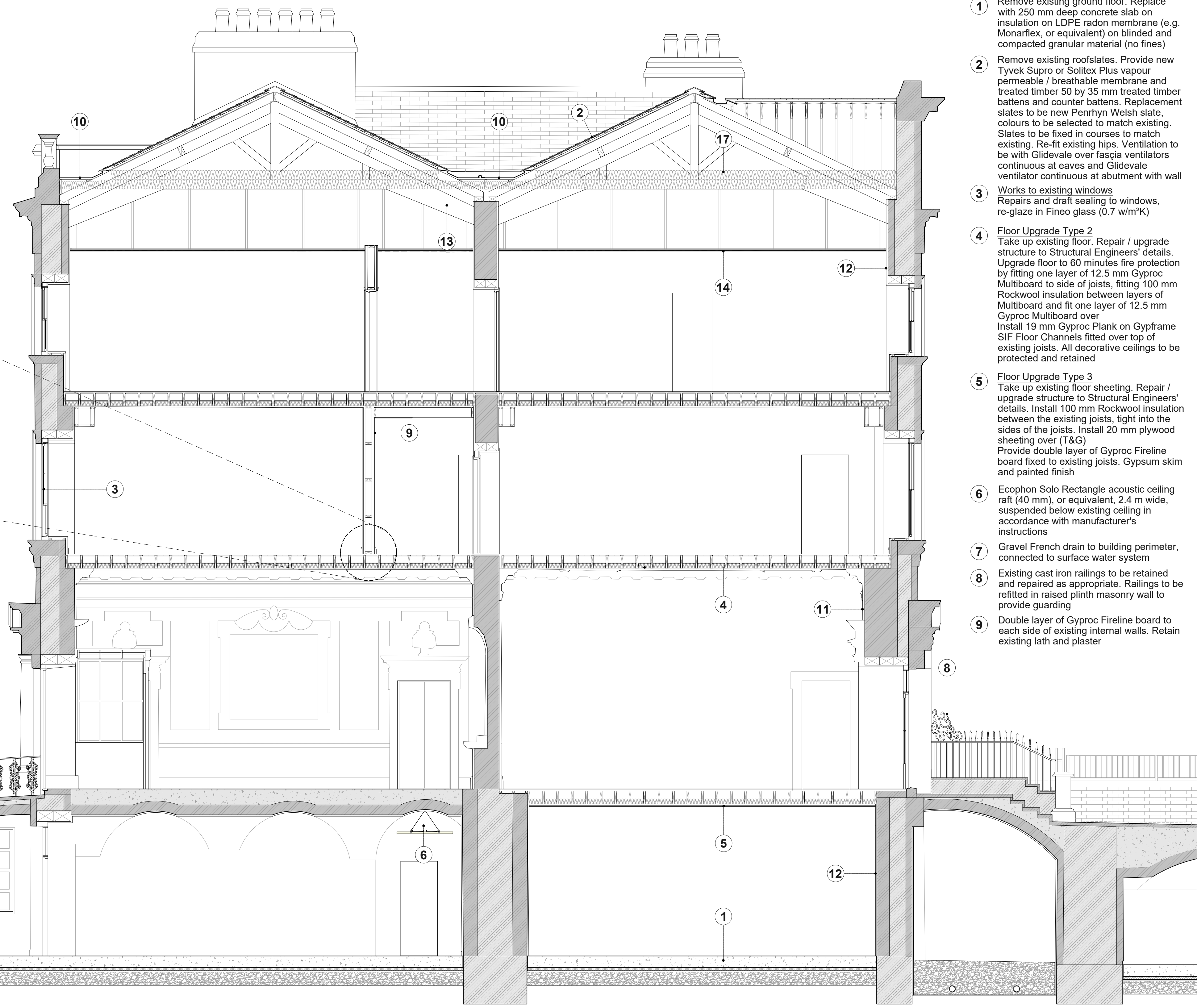
20 mm plywood sheeting (T&G)

Existing timber floor boards

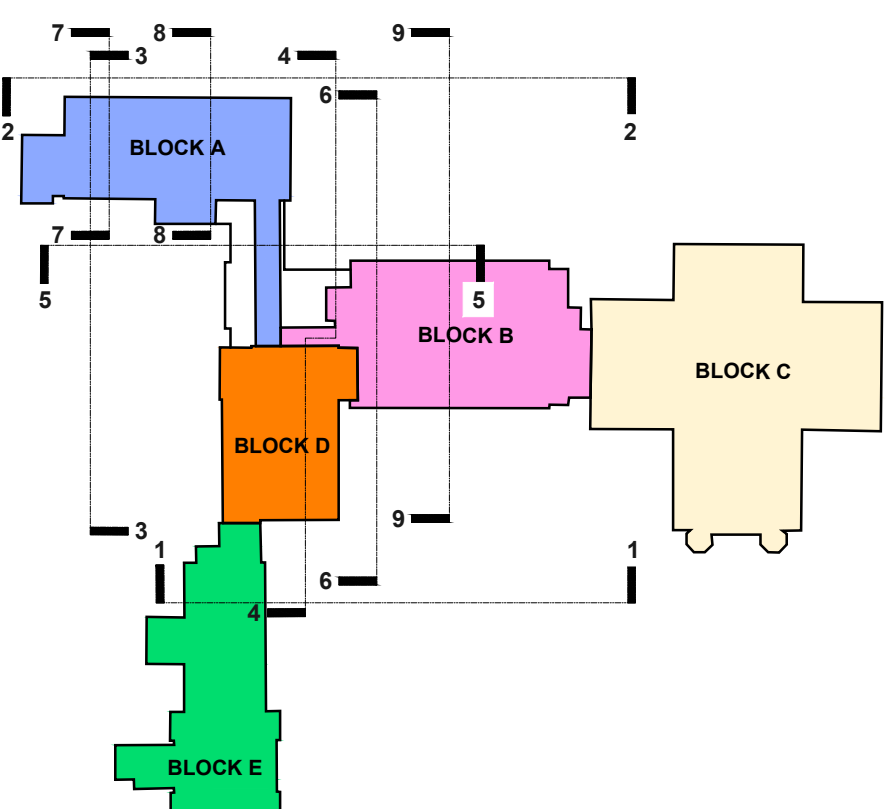
19 mm Gyproc Plank on Gypframe SIF channels over existing timber joists

100 mm Rockwool insulation installed under the board, tight into the sides of the joists

Existing ceiling to be retained. Single layer of 100 by 12.5 mm Gyproc F Multiboard board screw-fixed to side of existing floor joist. Single layer of 12.5 mm Gyproc F Multiboard board resting on Multiboard strips



- 1 Remove existing ground floor. Replace with 250 mm deep concrete slab on insulation on LDPE radon membrane (e.g. Monarflex, or equivalent) on blinded and compacted granular material (no fines)
- 2 Remove existing roofslates. Provide new Tyvek Supro or Solitex Plus vapour permeable / breathable membrane and treated timber 50 by 35 mm treated timber battens and counter battens. Replacement slates to be new Penrhyn Welsh slate, colours to be selected to match existing. Slates to be fixed in courses to match existing. Re-fit existing hips. Ventilation to be with Glidevale over fascia ventilators continuous at eaves and Glidevale ventilator continuous at abutment with wall
- 3 Works to existing windows. Repairs and draft sealing to windows, re-glaze in Fineo glass (0.7 w/m<sup>2</sup>K)
- 4 Floor Upgrade Type 2. Take up existing floor. Repair / upgrade structure to Structural Engineers' details. Upgrade floor to 60 minutes fire protection by fitting one layer of 12.5 mm Gyproc Multiboard to side of joists, fitting 100 mm Rockwool insulation between layers of Multiboard and fit one layer of 12.5 mm Gyproc Multiboard over. Install 19 mm Gyproc Plank on Gypframe SIF Floor Channels fitted over top of existing joists. All decorative ceilings to be protected and retained
- 5 Floor Upgrade Type 3. Take up existing floor sheeting. Repair / upgrade structure to Structural Engineers' details. Install 100 mm Rockwool insulation between the existing joists, tight into the sides of the joists. Install 20 mm plywood sheeting over (T&G). Provide double layer of Gyproc Fireline board fixed to existing joists. Gypsum skim and painted finish
- 6 Ecophon Solo Rectangle acoustic ceiling raft (40 mm), or equivalent, 2.4 m wide, suspended below existing ceiling in accordance with manufacturer's instructions
- 7 Gravel French drain to building perimeter, connected to surface water system
- 8 Existing cast iron railings to be retained and repaired as appropriate. Railings to be refitted in raised plinth masonry wall to provide guarding
- 9 Double layer of Gyproc Fireline board to each side of existing internal walls. Retain existing lath and plaster



KEY PLAN

SECTION 9-9

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preliminary  
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<b>DRAWING PURPOSE:</b> Planning		<b>DRAWN BY:</b> BS/LD/CUI/C <b>APPROVED:</b> <b>DATE:</b> May '22 <b>REV. NO:</b>	
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