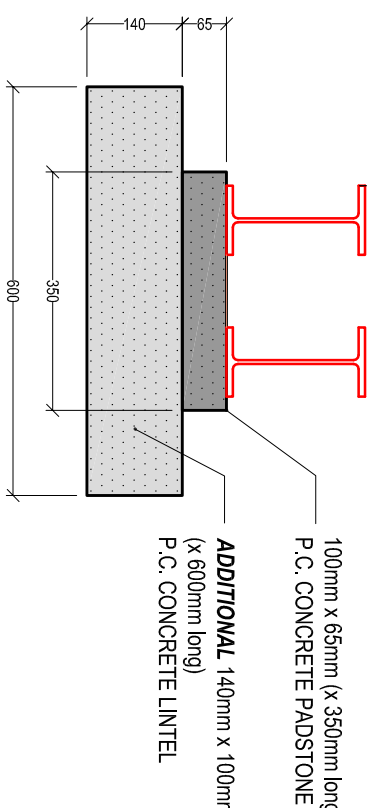


BEAM INSTALLATION NOTES:

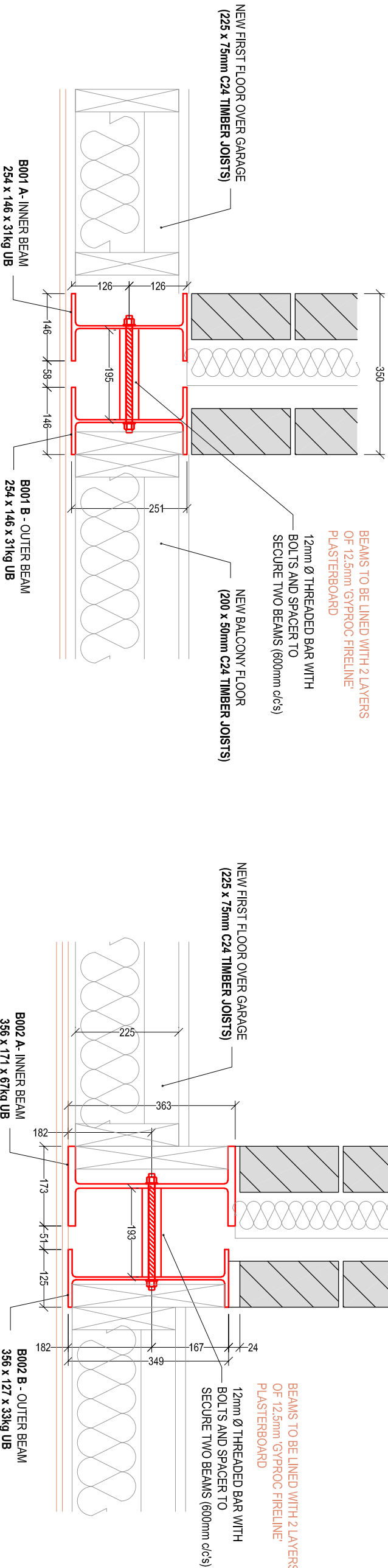
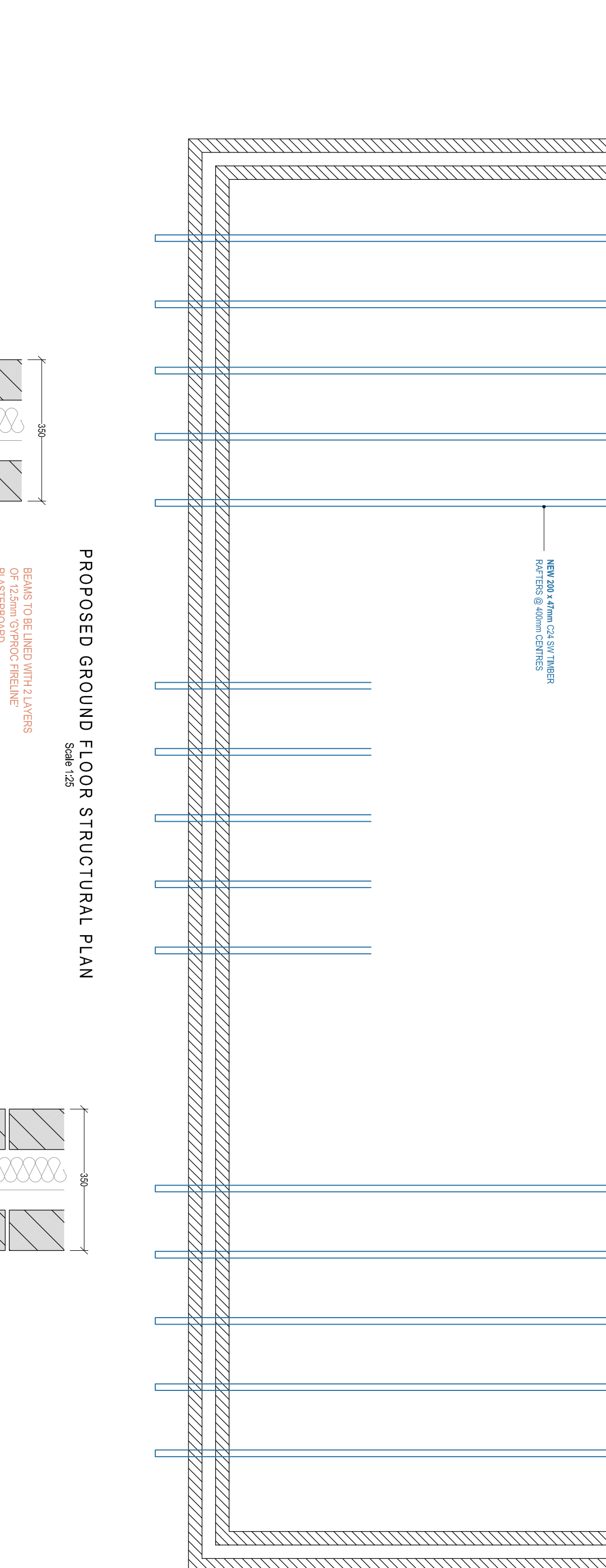
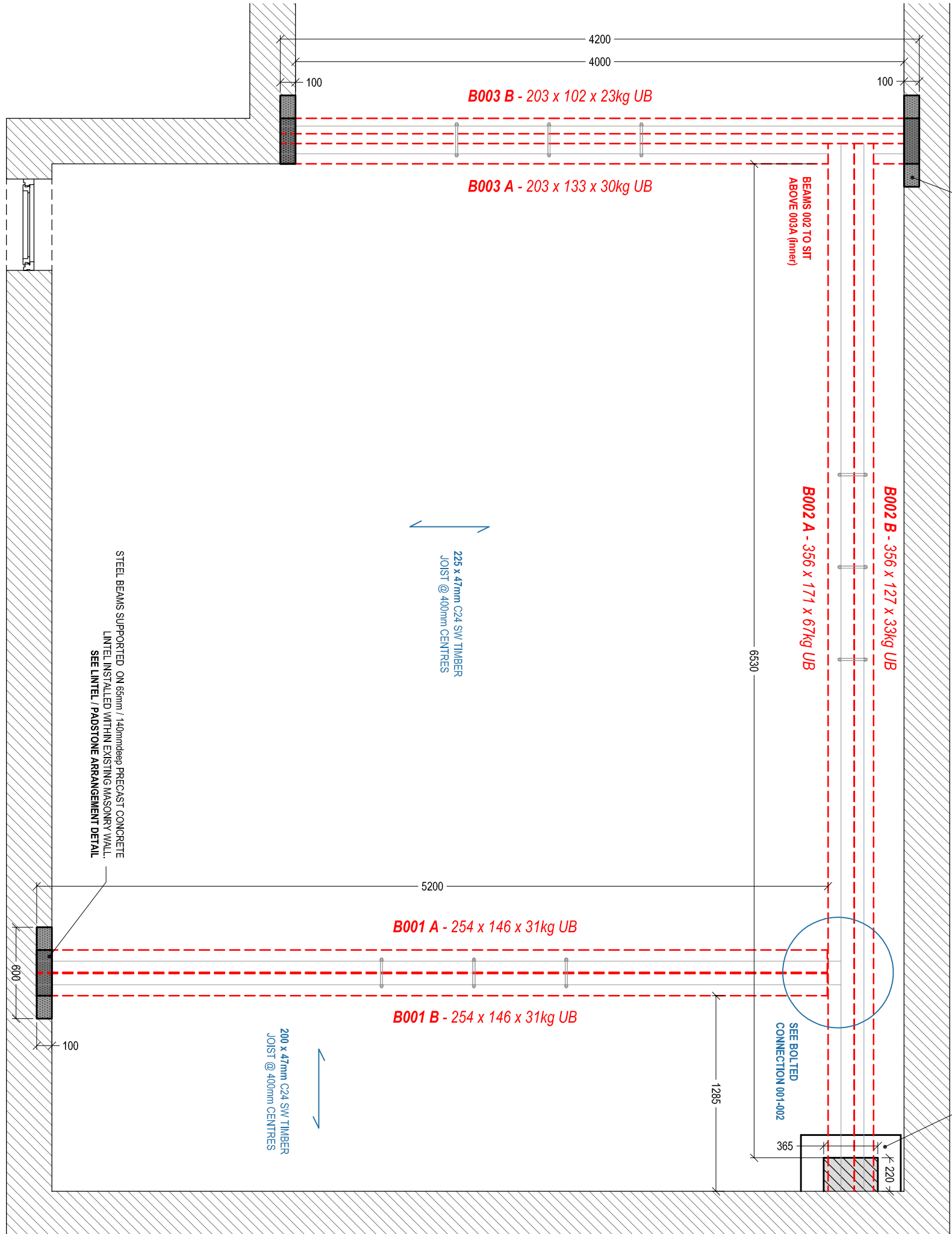
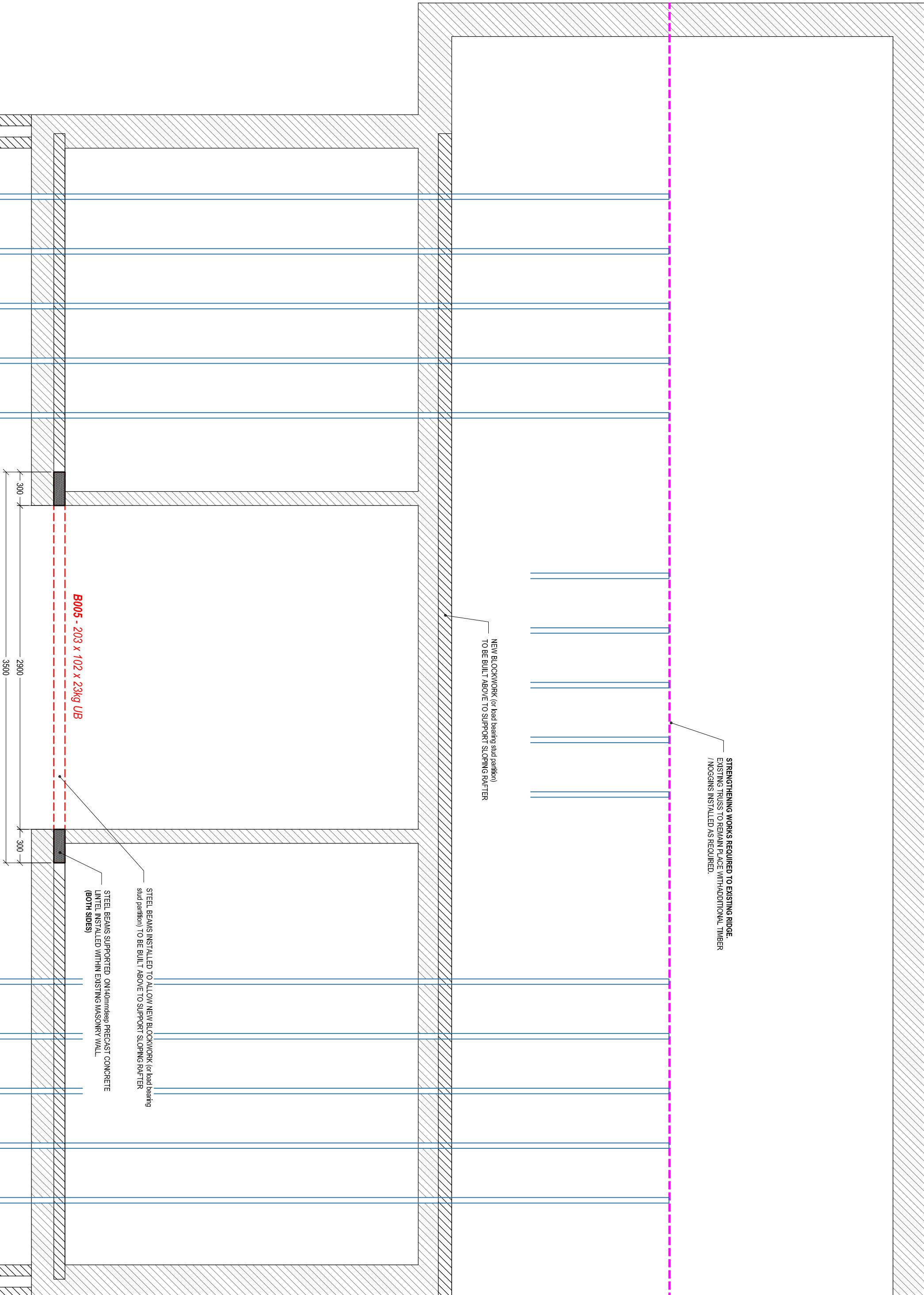
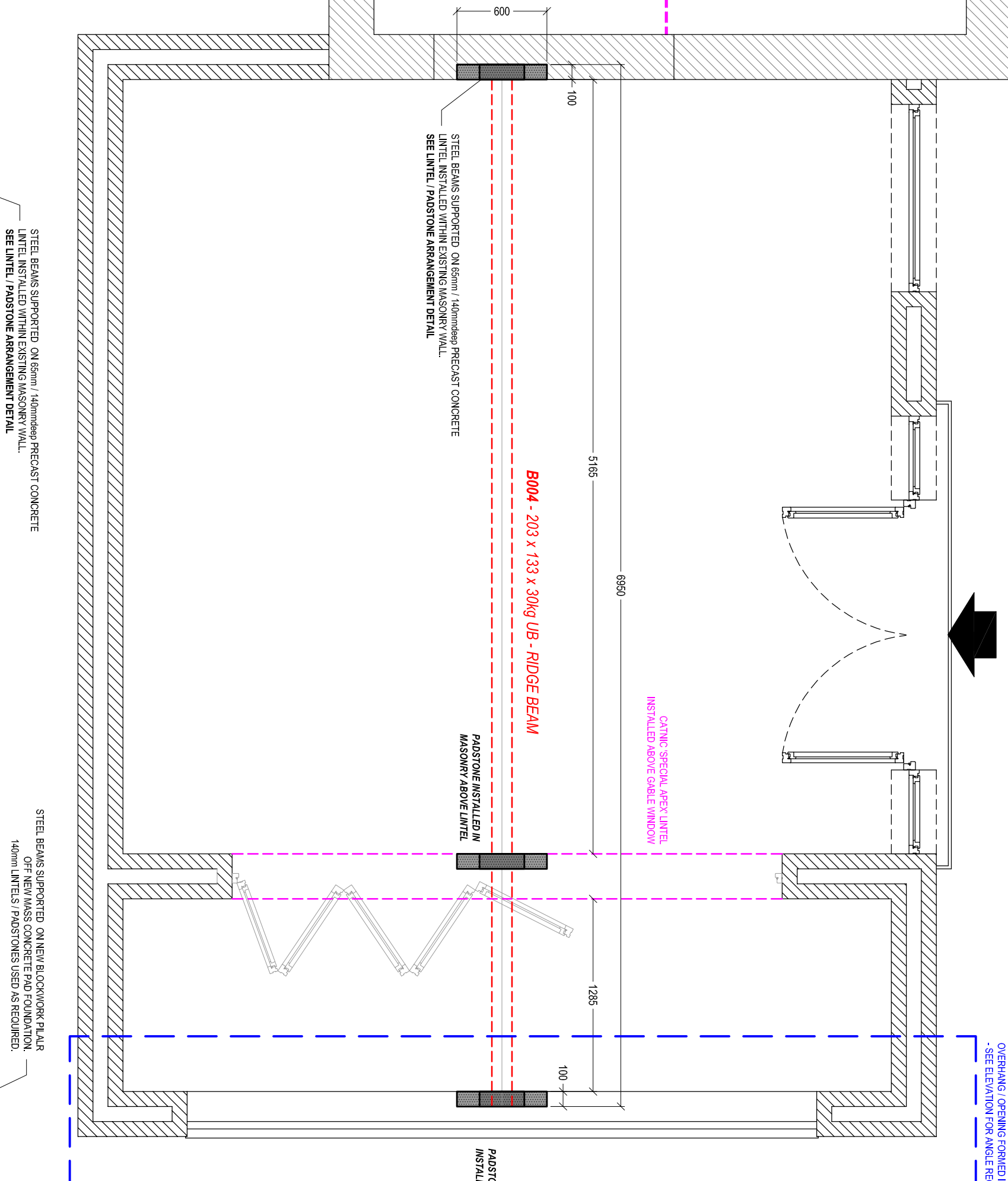
- 1) Beams to have a minimum bearing length of 100mm.
 - 2) Beams to be installed on pre-cast concrete pad stones or bricks, 140mm thick (min).
 - 3) Beams to be bolted together with 12mm threaded bar at 600mm c/c's.
 - 4) Beams to be encased in 2 layers 125mm GYPROC FIRE LINE® plasterboard to achieve 60mins fire resistance.
- IMPORTANT NOTE: BEAM LENGTHS TO BE CHECKED ON SITE AND AGAINST ARCHITECT'S DRAWINGS. ANY DISCREPANCY TO BE REPORTED IMMEDIATELY TO ORDERING / FABRICATION OF STEELWORK**

STEELWORK SPECIFICATIONS

THE SPECIFICATION FOR STRUCTURAL STEELWORK SHALL BE THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BALANCED CONSTRUCTION LIMITED, PUBLISHED BY THE BRITISH CONSTRUCTION STEELWORK ASSOCIATION LIMITED. ALL STRUCTURAL STEELWORK SHALL BE GRADE S275 (355N/mm²) IN ACCORDANCE WITH BS EN 10025-2:2006. ALL STEELWORK TO BE SHOT BLASTED TO SA2.5 FINISH TO REMOVE ALL MILL SCALE, LOOSE MATERIAL, ETC. ALL STEELWORK TO BE COATED WITH 1 COAT OF ZINC PHOSPHATE ENVIRONMENTAL PROTECTION COATING (EPC) TO A MINIMUM THICKNESS OF 80µm (measured). EXCEPT WHERE CALKED OR SPARKLESS. WELDED STEELWORK TO BE WELDED TO BS EN 10163-2:2006. ALL WELDS TO BE FULL PENETRATION BUTT JOINTS (UNLESS NOTED OTHERWISE). ALL BOLTS TO BE GRADE 8.8 TO BS 4190. UNLESS NOTED OTHERWISE.



STEEL BEAM PADSTONE / LINTEL ARRANGEMENT
Scale: 1/10



SECTION THROUGH BEAMS 001
Scale: 1/10

SECTION THROUGH BEAMS 002
Scale: 1/10

SECTION THROUGH BEAMS 003
Scale: 1/10