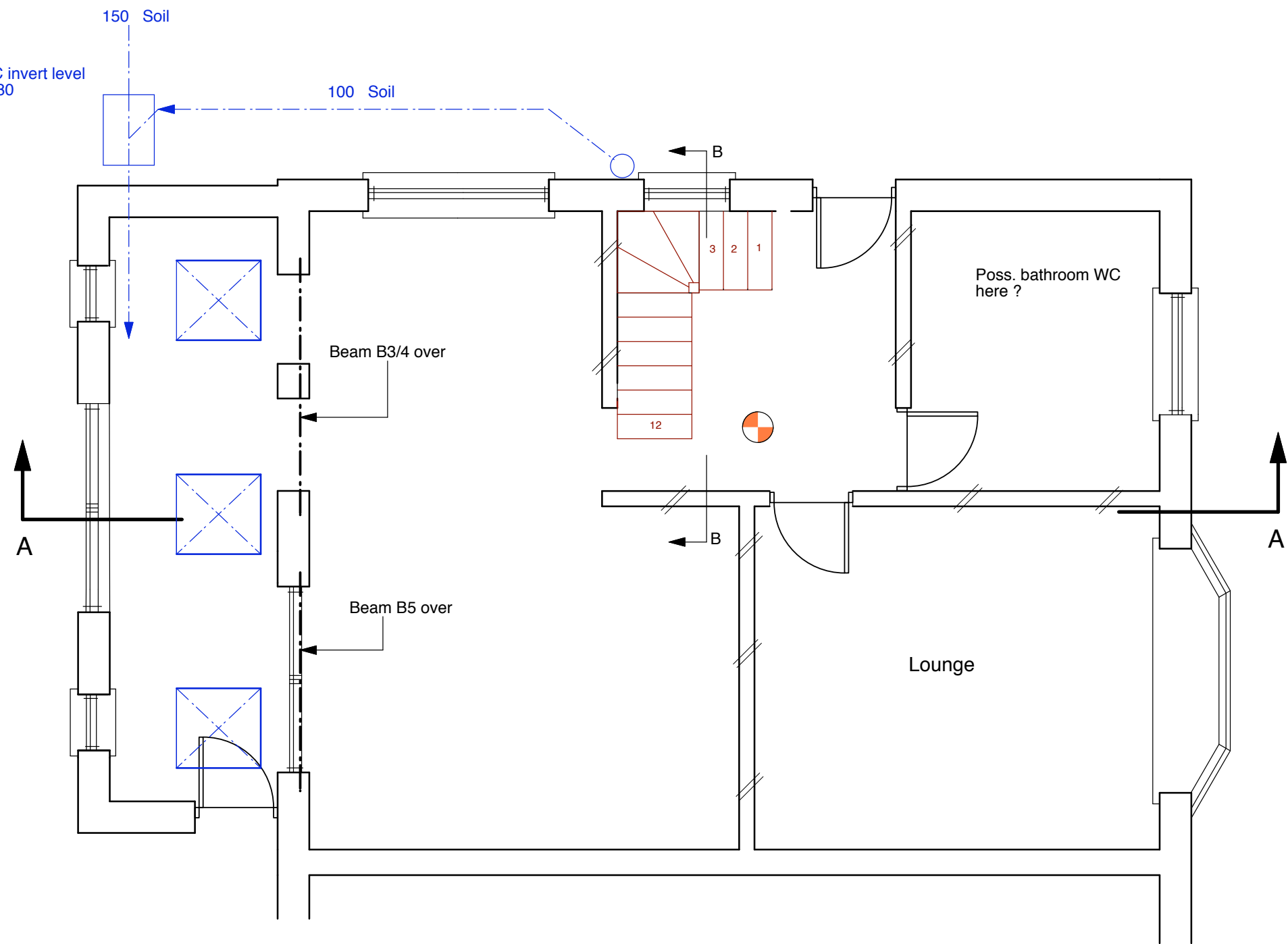
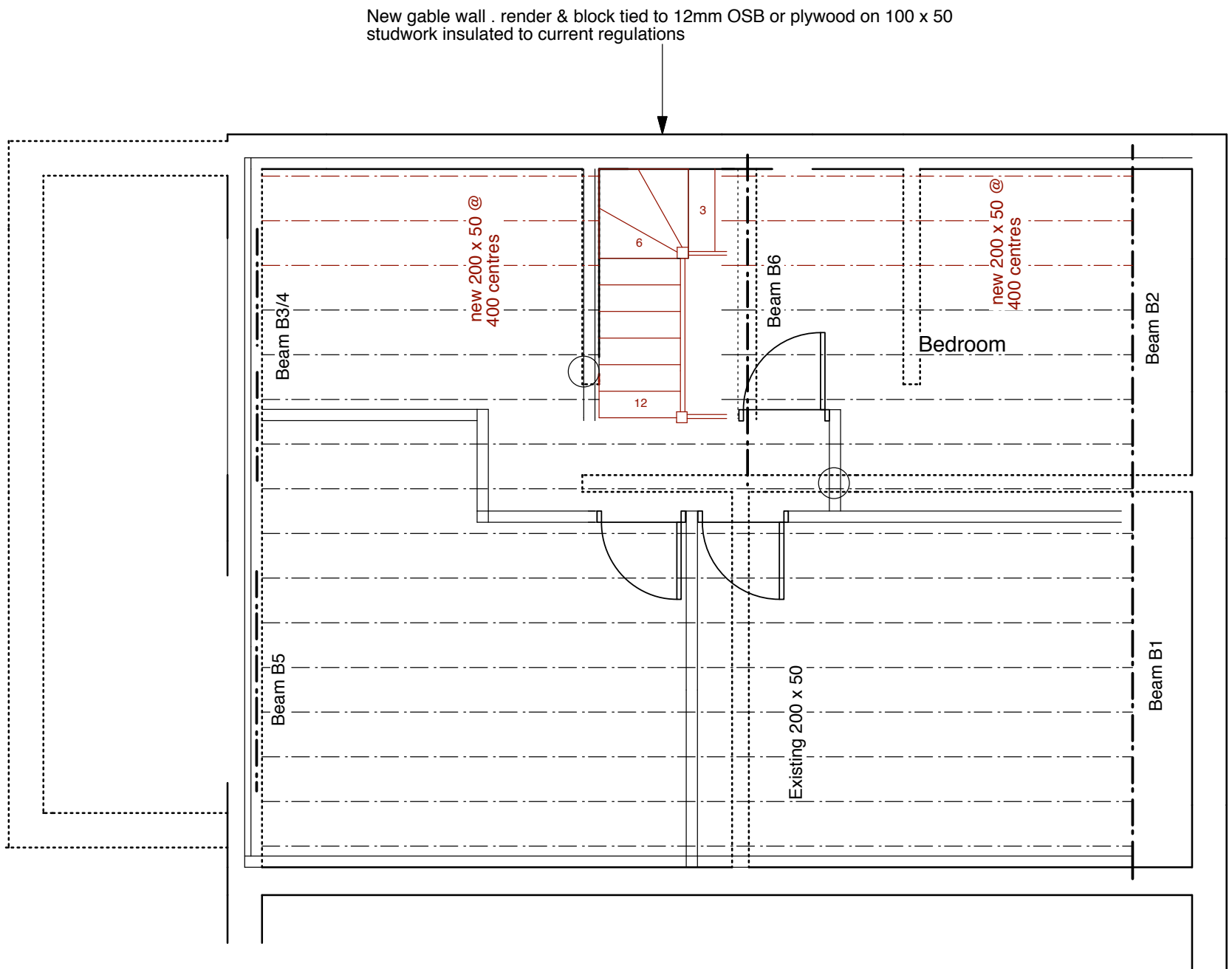
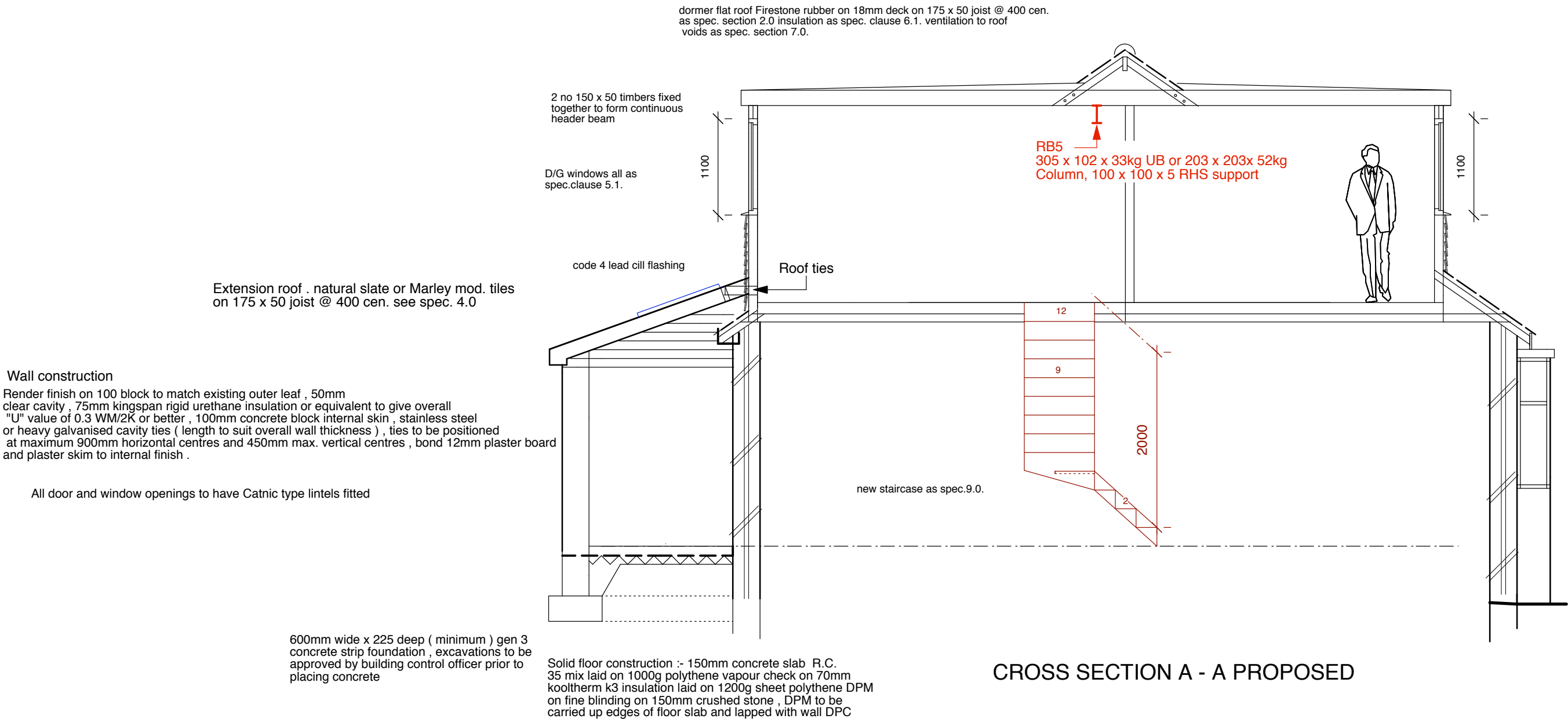




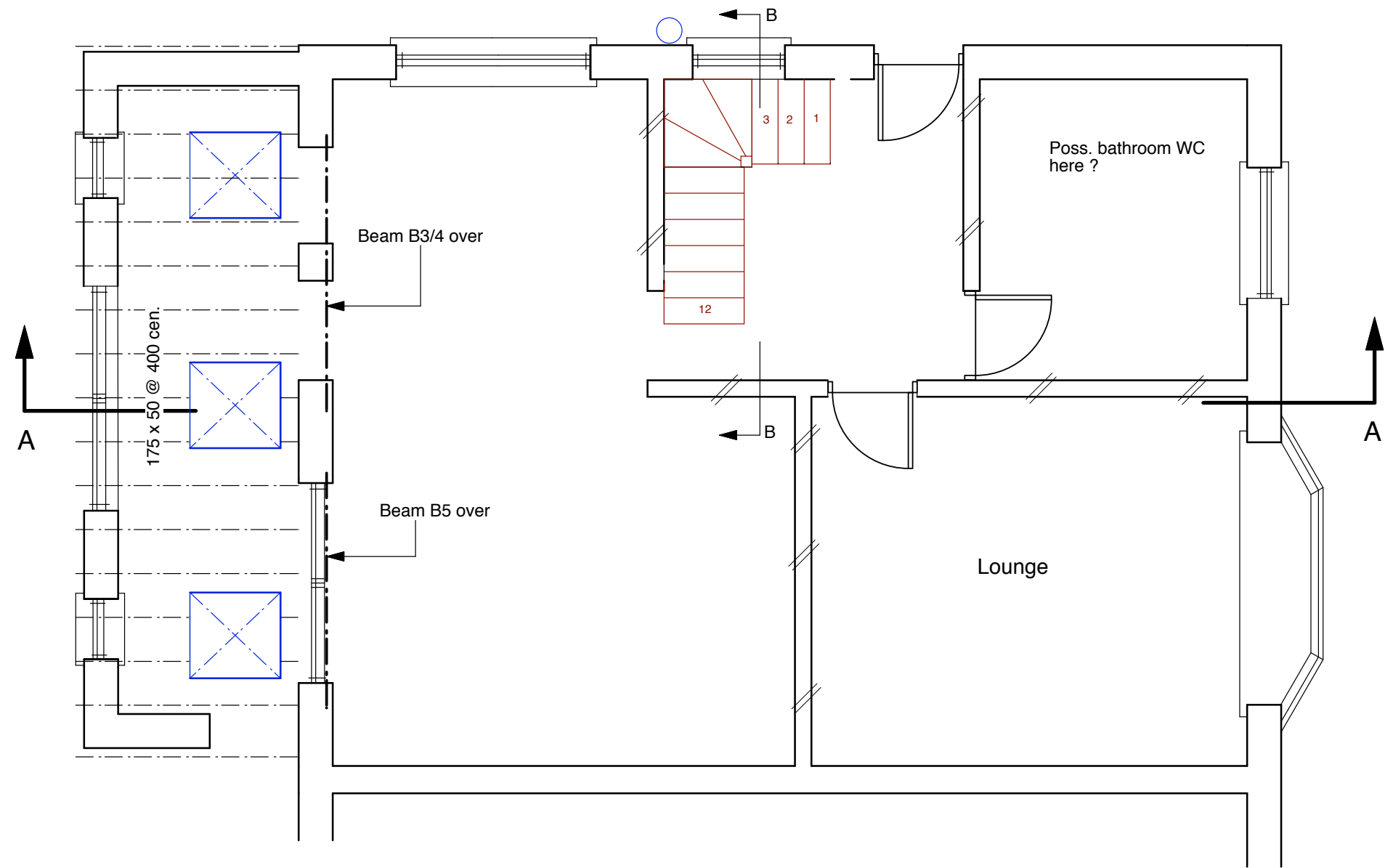
GROUND FLOOR PLAN PROPOSED



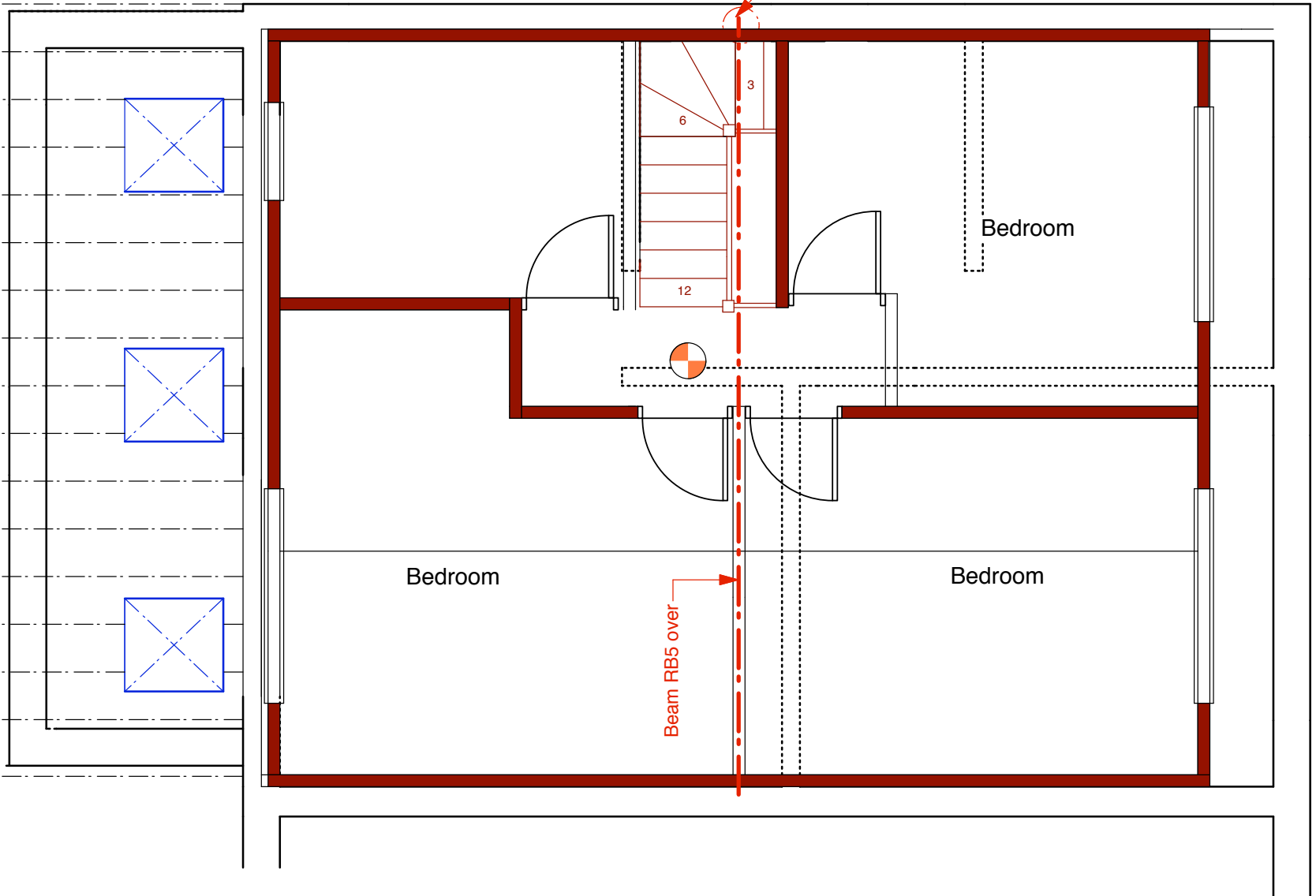
FIRST FLOOR PLAN (LOFT)PROPOSED



CROSS SECTION A - A PROPOSED



GROUND FLOOR PLAN PROPOSED



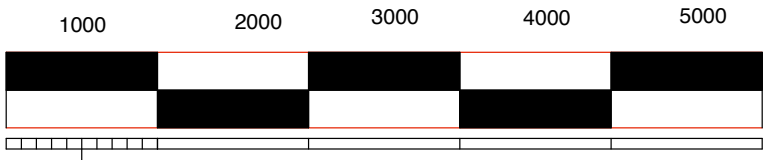
ROOF BEAMS / JOIST PROPOSED

BEAMS (See separate calculation sheets)

- B1 178 x 102 x 19kg UB
B2 178 x 102 x 19kg UB
B3 300 x 100 Alternative 152 x 89 UB
B4 300 x 100 Alternative 152 x 89 UB
B5 300 x 100 Alternative 152 x 89 UB
B6 200 x 100 timber
RB5 305 x 102 x 33kg UB
RB5 203 x 203 x 52kg UC alternative
Props 100 x 100 x 5 SHS

Note. a 203 x 203 is 124kg heavier than a 305 x 102 and will deflect alot more thus i suggets u use the 305 x 102

Alternative roof beam Issue A
305 x 102 x 33kg UB or 203 x 203 x 52kg UC. 100 x 100 x 5 RHS prop



Scale bar 1-50

Denotes mains wired and linked smoke alarms

- 1/ This drawing to be read in conjunction with the specification reference Spec / D 1171/23
- 2/ See beam calculations on seperate sheet .
- 3/ For details of ventilation to proposed en-suite shower room refer to spec. section 8.0.
- 4/ For details of sanitary pipework to proposed en-suite shower room refer to specification section 10.0.
- 5/ Electrical safety : all electrical work associated with this loft conversion shall be carried out in accordance with building regulation Part "P" . refer also to specification section 13.0.
- 6/ Floor construction : 22mm T&G flooring grade chipboard on timber joist as stated at max. 400mm centres , fix solid strutting at mid span , floor construction as specification section 1.0 . , sound insulation as spec.clause 6.6.

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drawing number D1171 / 23/03/A

scale 1-50

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drawn

PROPOSED STRUCTURAL DETAIL