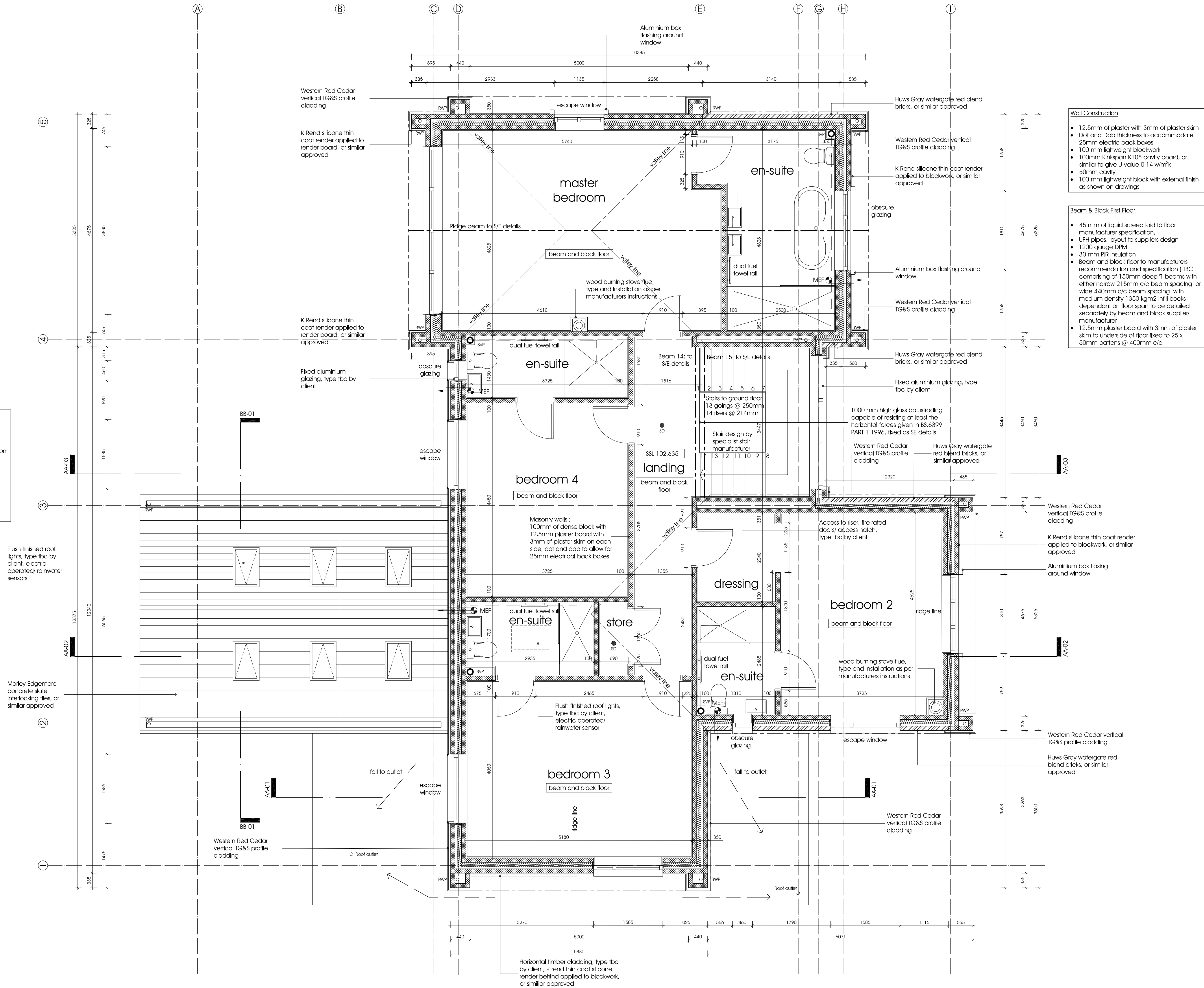


First Floor Plan

- Kitchen Roof Construction**
- Steel fitch plate sandwiched between rafters to specialist roof manufacturers specification
 - 150mm of Kingspan Kooltherm K7 insulation between rafters
 - 52.5mm Kingspan insulation backed plasterboard, to give a U-value of 0.13 W/m²K or better, below rafters
 - Breathable sarking membrane such as Kingspan Nivent
 - 50mm continuous air gap
 - Concrete slate roof finish laid over 25 x 50mm battens



- Wall Construction**
- 12.5mm of plaster with 3mm of plaster skim
 - Dot and Dab thickness to accommodate 25mm electric back boxes
 - 100 mm lightweight blockwork
 - 100mm Kingspan K108 cavity board, or similar to give U-value 0.14 w/m²K
 - 50mm cavity
 - 100 mm lightweight block with external finish as shown on drawings

- Beam & Block First Floor**
- 45 mm of liquid screed laid to floor manufacturer specification,
 - UPH pipes, layout to suppliers design
 - 1200 gauge DPM
 - 30 mm IR insulation
 - Beam and block floor to manufacturers recommendation and specification (TBC comprising of 150mm deep 11 beams with either narrow 215mm c/c beam spacing or wide 440mm c/c beam spacing with medium density 1350 kg/m² infill blocks dependant on floor span to be detailed separately by beam and block supplier/ manufacturer
 - 12.5mm plaster board with 3mm of plaster skim to underside of floor fixed to 25 x 50mm battens @ 400mm c/c

NOTES			
Do not scale. All figured dimensions in mm and to be checked on site.			
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