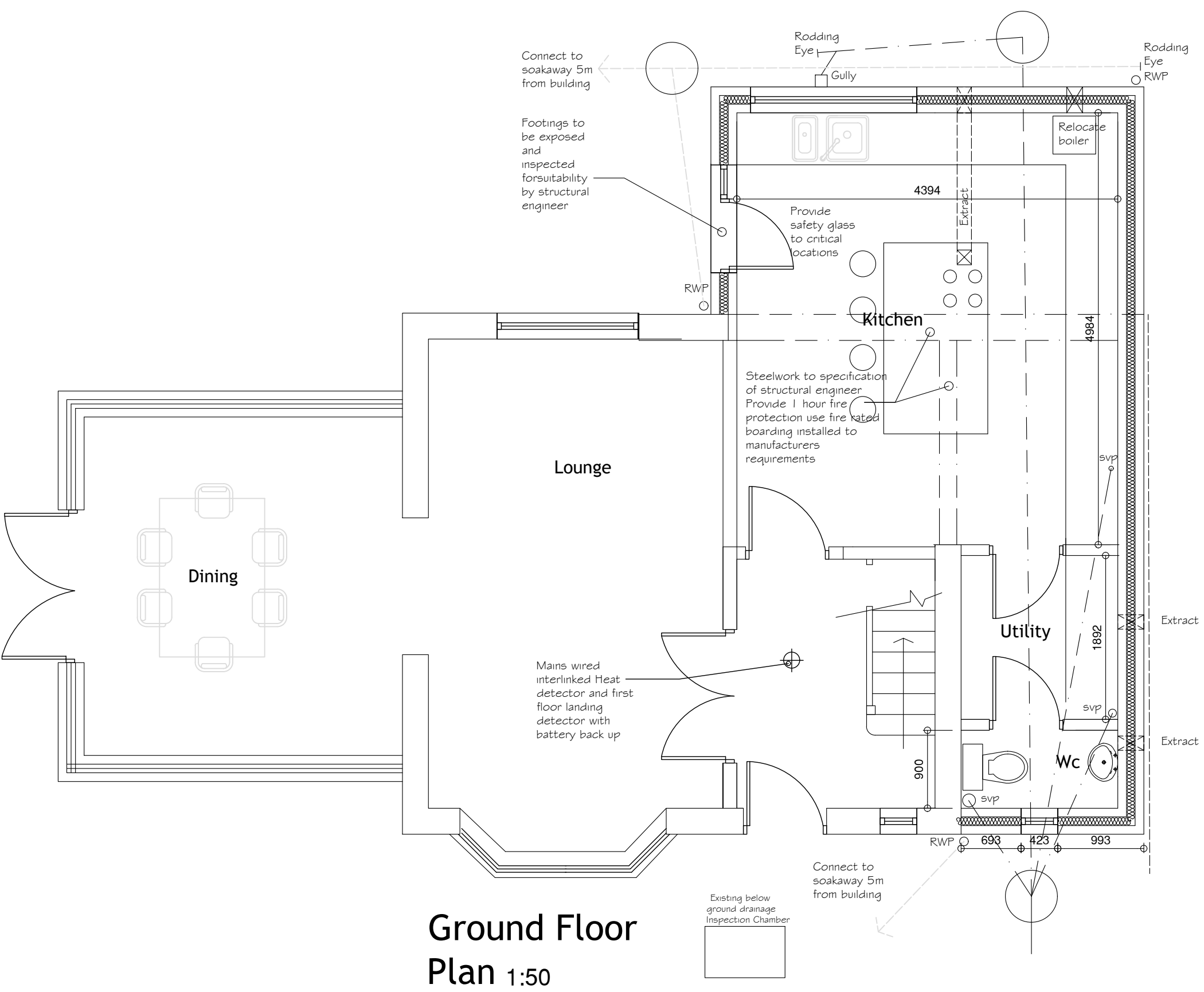
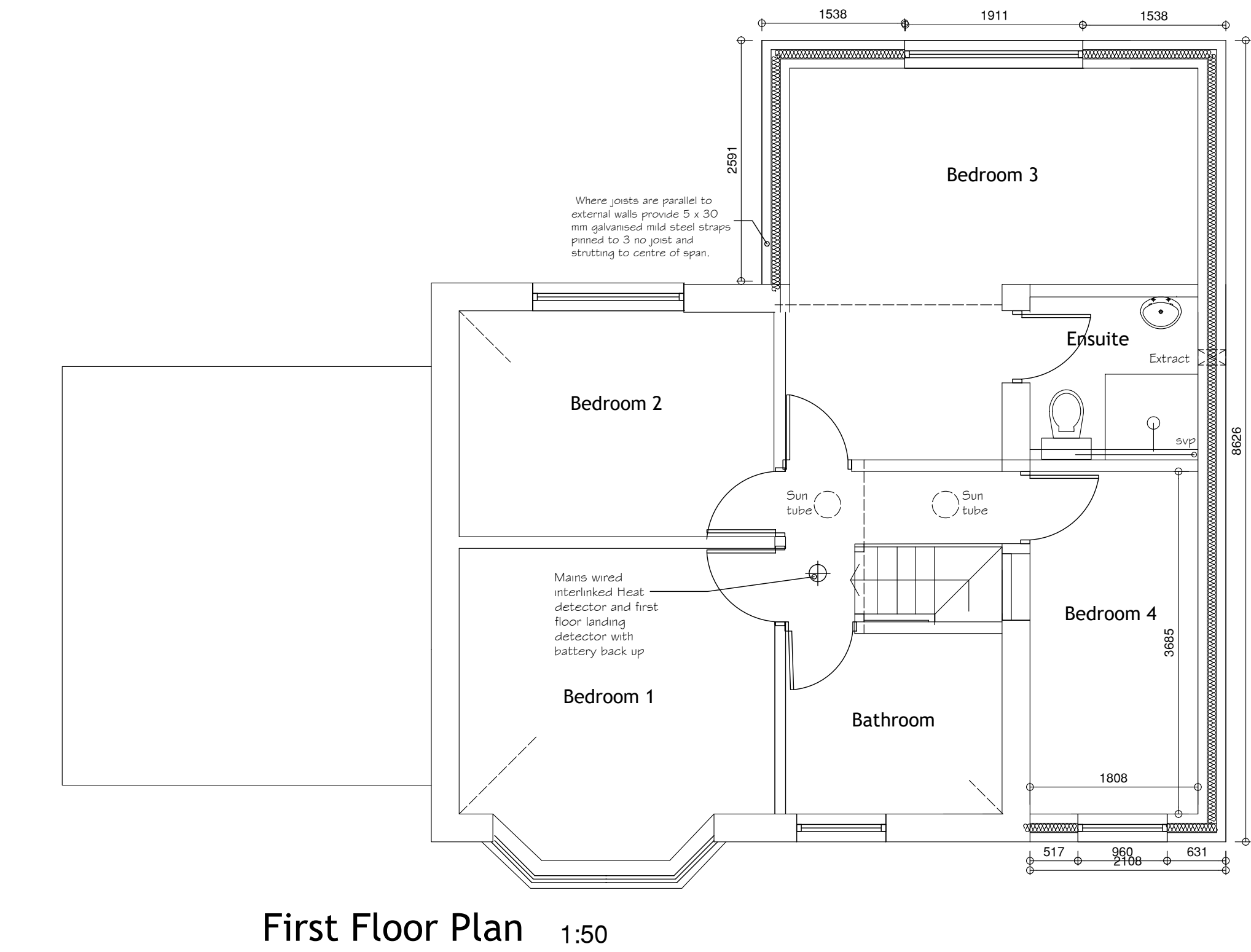
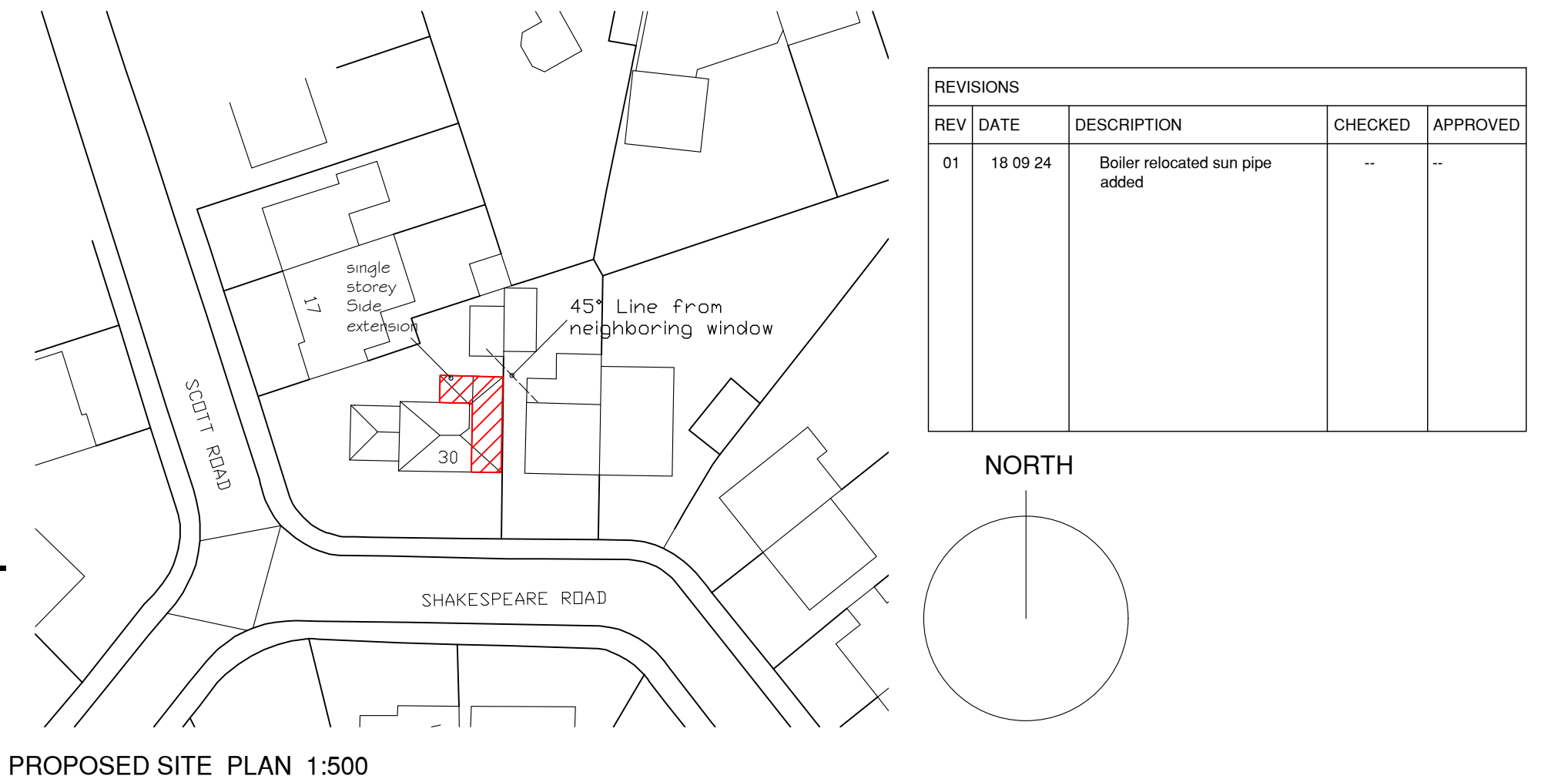
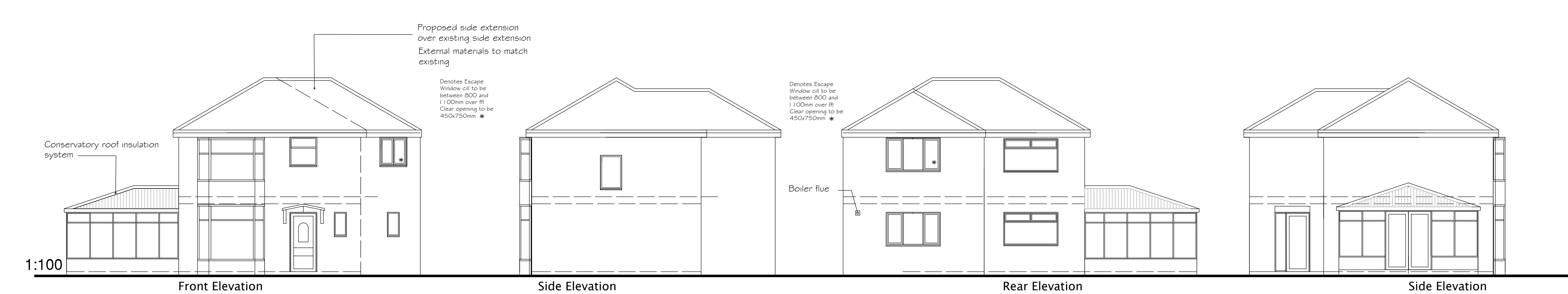




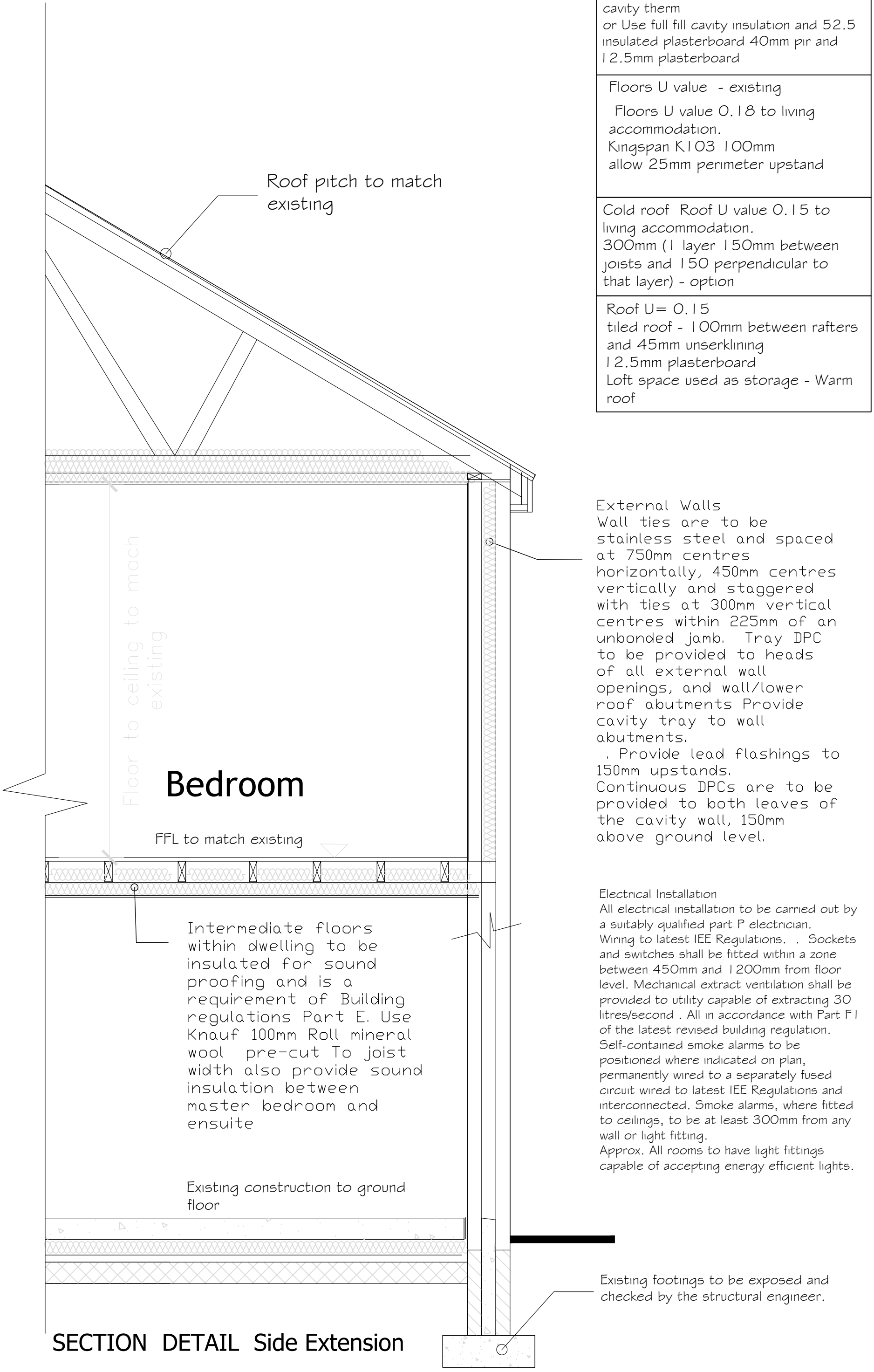
Foundations  
Existing footings to be checked for suitability for construction of first floor - structural engineer to confirm

Purge ventilation to be provided to all new habitable rooms to achieve a minimum 4 air changes per hour. This is to be achieved with openings windows. cinema room.To have ventilation system - based on an occupancy of 6 background ventilation will be provided 8000mm² for habitable rooms and kitchen, 4000mm² for bathroom . Please note (night latches not acceptable for background)

Intermittent mechanical extract should be provided to Bathroom – 15l/s; WC – 6l/s. All extracts should discharge to external air for windowless accommodation intermittent extracts should have a 15-minute overrun, all extract fans will be located a maximum 400mm below ceiling level.

- Extract fans should not exceed the following noise levels; Fans located in bedrooms or living rooms 30dB, fans within kitchens and bathrooms 45dB.

Doors and Windows  
All windows are to be argon filled double-glazed frames to be upvc. Windows to all habitable rooms are to have a minimum unobstructed opening of 1/20th of the floor area of the room. All windows are to incorporate 8000mm² trickle vents to habitable rooms and 4000mm² to other rooms satisfying the necessary requirements for background ventilation. All glazing situated in critical locations (in windows less than 800mm from floor level, in doors or sidelights, less than 1500mm from floor level) to be safety glazing to BS6206.  
All windows to ground floor habitable rooms shall be suitable for emergency egress, with a minimum clear opening of 450mm x 735mm.  
Building Regulations, Part L  
In accordance with the above amended document All double glazed units must include one pane of Low E glass, and shall have a cavity width of 16mm minimum (e.g. 4/16/4) U val 1.6W/m2K



| U values in W/m²K                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Walls 0.18 - 100mm K106 Cavity Board<br>Alternativeley use 100mm extratherm cavity therm<br>or Use full fill cavity insulation and 52.5 insulated plasterboard 40mm pir and 12.5mm plasterboard |  |
| Floors U value - existing<br>Floors U value 0.18 to living accommodation.<br>Kingspan K103 100mm allow 25mm perimeter upstand                                                                   |  |
| Cold roof Roof U value 0.15 to living accommodation.<br>300mm (1 layer 150mm between joists and 150 perpendicular to that layer) - option                                                       |  |
| Roof U= 0.15<br>tiled roof - 100mm between rafters and 45mm unskirling<br>12.5mm plasterboard<br>Loft space used as storage - Warm roof                                                         |  |

External Walls  
Wall ties are to be stainless steel and spaced at 750mm centres horizontally, 450mm centres vertically and staggered with ties at 300mm vertical centres within 225mm of an unbonded jamb. Tray DPC to be provided to heads of all external wall openings, and wall/lower roof abutments Provide cavity tray to wall abutments.  
. Provide lead flashings to 150mm upstands.  
Continuous DPCs are to be provided to both leaves of the cavity wall, 150mm above ground level.

|                                                                        |                   |            |
|------------------------------------------------------------------------|-------------------|------------|
| CLIENT<br>Mr and Mrs O BRYAN                                           |                   |            |
| PROJECT TITLE<br>PROPOSED EXTENSION 30 SHAKESPEARE ROAD PRESTWICH      |                   |            |
| DRAWING TITLE<br>PROPOSED FLOOR PLANS ELEVATIONS SITE PLAN AND SECTION |                   |            |
| © ANTHONY SNOWDEN ARCHITECT 2024 RIBA                                  |                   |            |
| SCALE<br>AS SHOWN                                                      |                   |            |
| PROJECT NO.<br>023                                                     | DRAWING NO.<br>02 | REV.<br>01 |