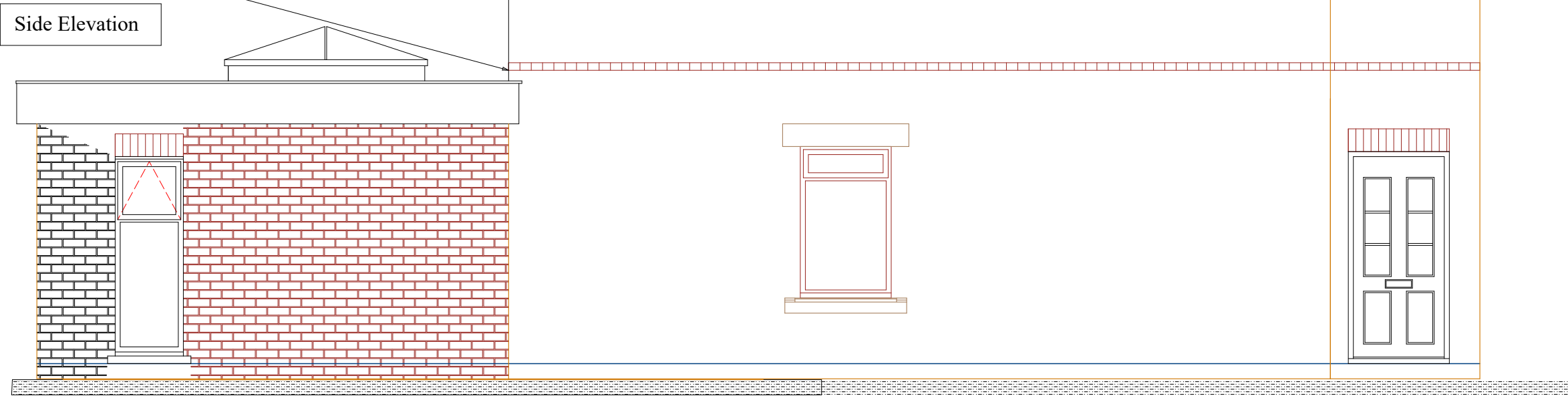
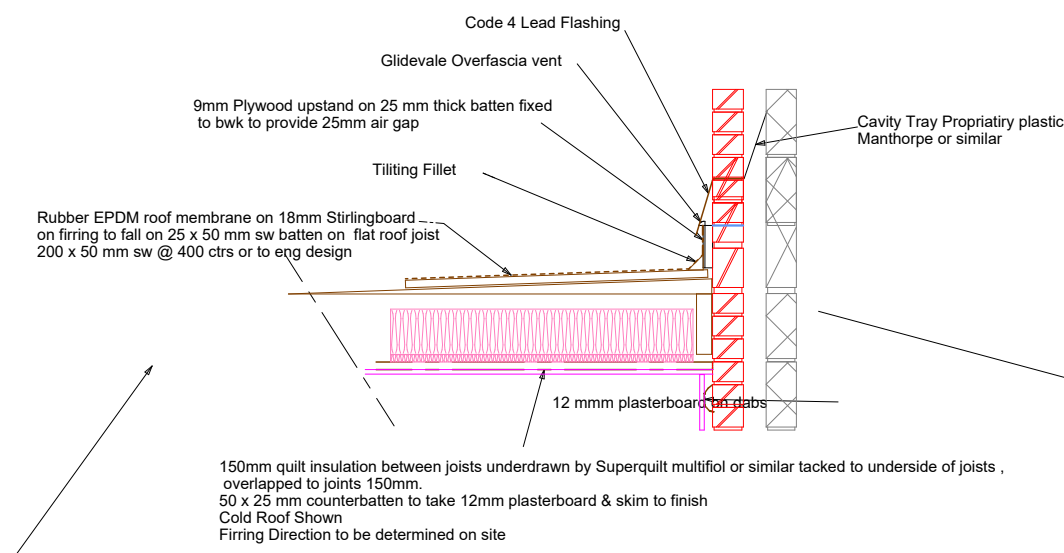
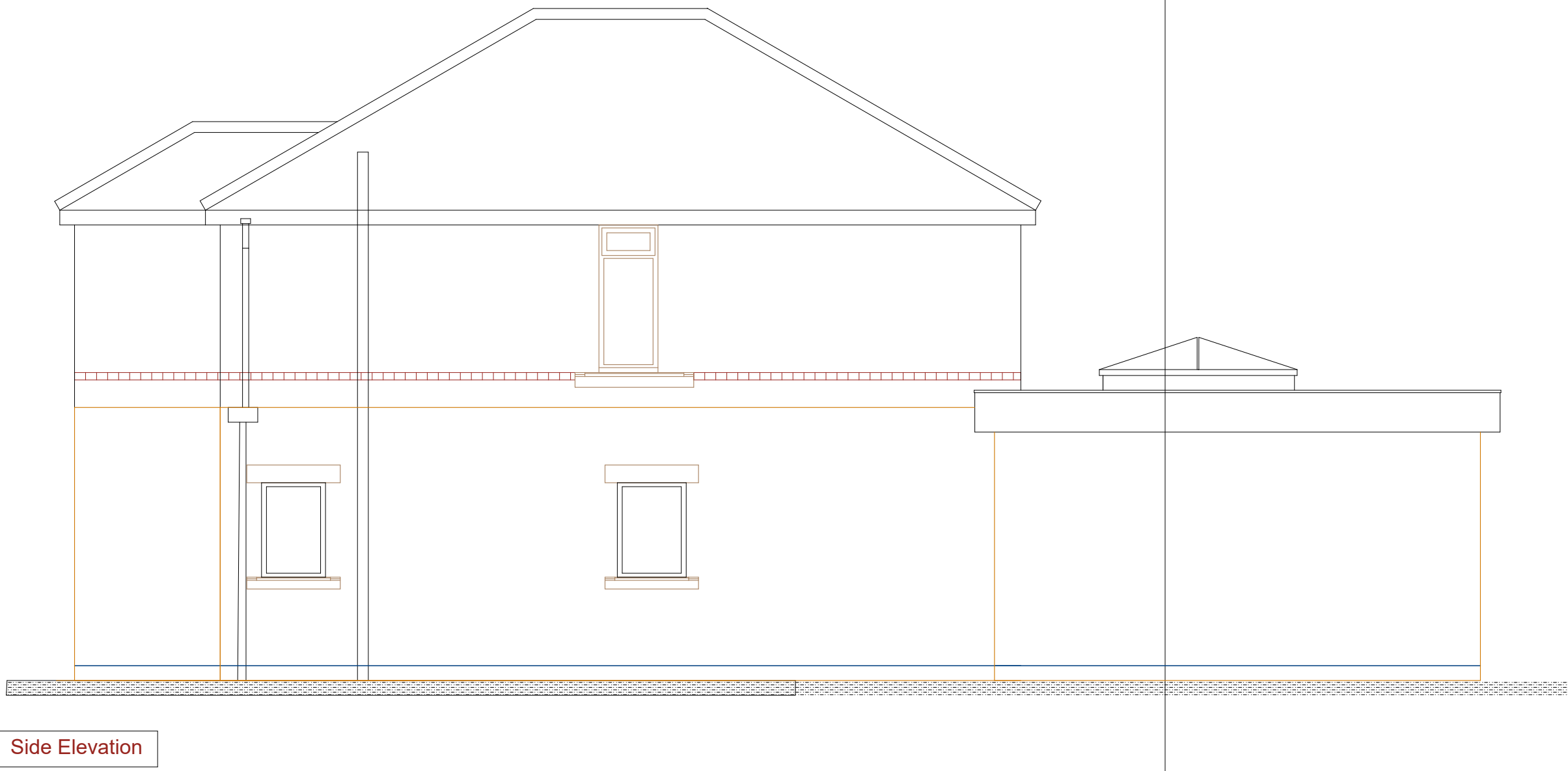
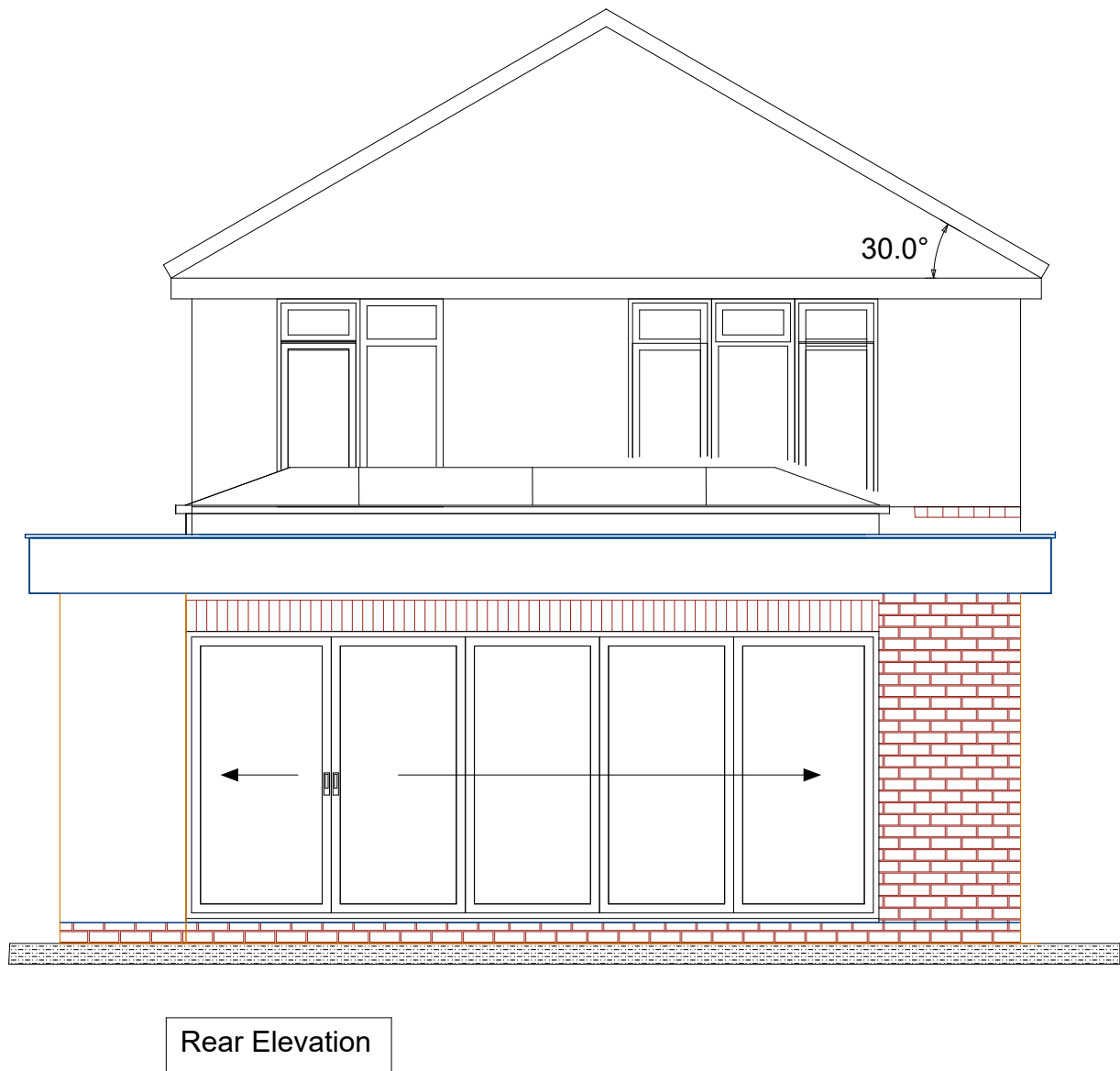
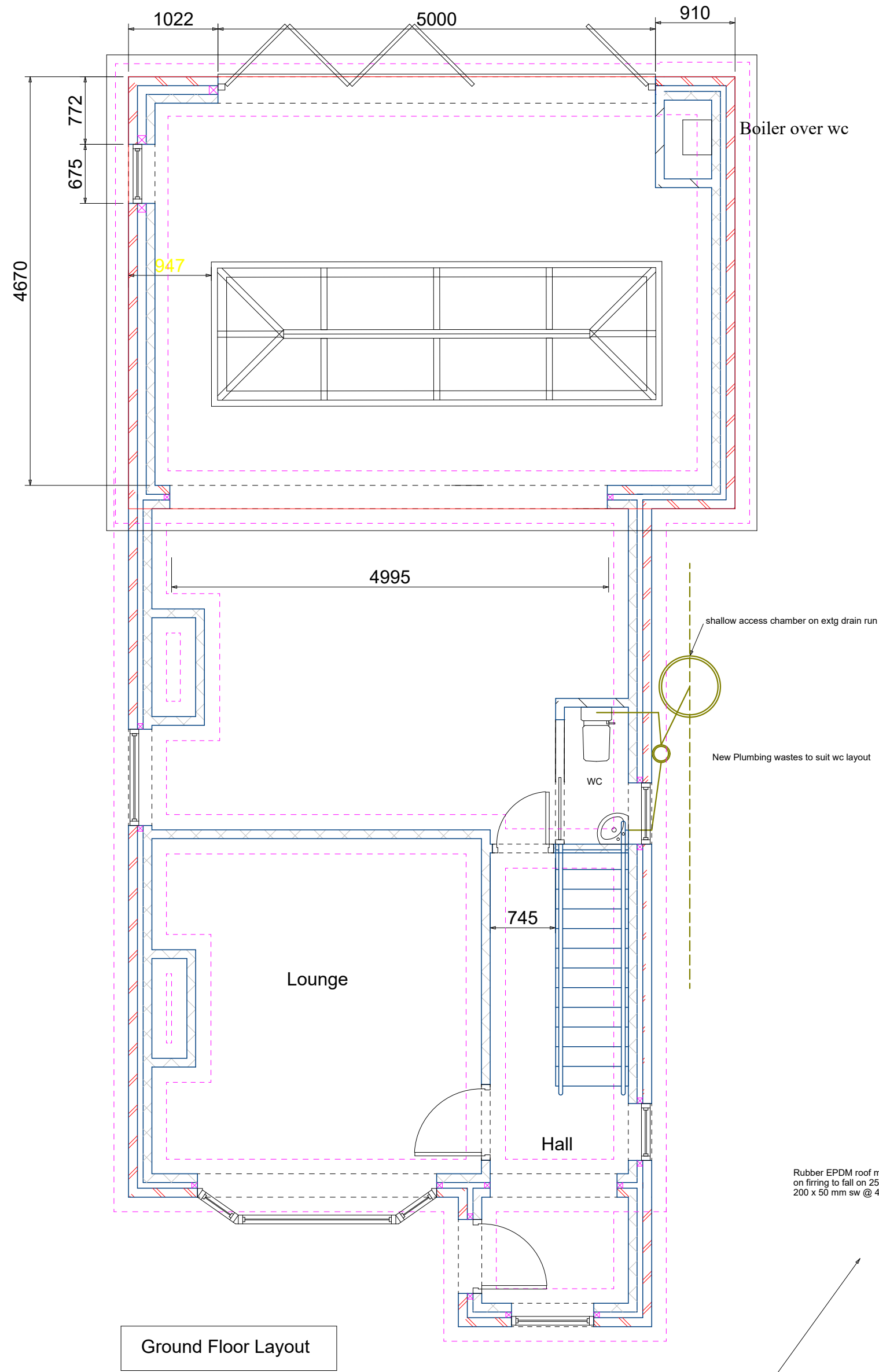




EPDM Rubber Flat Roofing on 18mm Plywood on 150mm Celotex or similar on firings to fall on 200 x 50 mm sw flat roof joists. Underdrawn by 12.5mm plasterboard & 6mm plaster skim. Warm Roof Detail.

See Detail

Rooflight By Eurocell or similar. Fitted & Fixed in accord with manufacturers instructions.

Steels shown for clarity only. Engineers Calcs & Details to be implemented. Redo with double or tripled up Flat Roof Joists bolted rather as trimmers. All Timber & Steel Trimmers to engineers design.

Presumed extg floor joist sat in wall

existing wall shown for clarity

SOLID FLOOR INSULATION UNDER SLAB
To meet min U value required of 0.18 W/m²K.
Solid ground floor to consist of 150mm consolidated well-rammed hardcore. Blinded with 50mm sand blinding. Provide a 1200mm gauge polythene DPM. DPM to be lapped in with DPM in walls. Floor to be insulated over DPM with minimum 150mm Kingspan / Ecofoam.
25mm insulation to continue around floor perimeters to avoid thermal bridging. A VCL should be laid over the insulation boards and turned up 100mm at room perimeters behind the skirting. All joints to be lapped 150mm and sealed, provide 150mm STZ or Cien2 ground bearing slab concrete mix to conform to BS 8500-2 over VCL. Finish with 65mm sand/cement finishing screed with light mesh reinforcement.
Where drain runs pass under new floor, provide A142 mesh 1.0m wide within bottom of slab min 50mm concrete cover over length of drain.
Where existing suspended timber floor air bricks are covered by new extension, ensure cross-ventilation is maintained by connecting to 100mm dia UPVC pipes to terminate at new 65mm x 215mm air bricks built into new cavity wall with 100mm concrete cover laid under the extension. Ducts to be sleeved through cavity with cavity tray over.

STRIP FOUNDATION
Provide min 300mm x 600mm concrete foundation, concrete mix to conform to BS EN 206-1 and BS 8500-2. All foundations to be a minimum of 1000mm below ground level, exact depth to be agreed on site with Building Control Officer to suit site conditions. All constructed in accordance with 2004 Building Regulations A12 and BS 8004:1986 Code of Practice for Foundations. Ensure foundations are constructed below invert level of any adjacent drains. Base of foundations supporting internal walls to be min 600mm below ground level. Substrate resistant cement to be used if required.
Please note that should any adverse soil conditions be found or any major tree roots in excavations, the Building Control Officer is to be contacted and the advice of a structural engineer should be sought.

Project
Single Storey Rear Extension
21 Ruskin Road
Eastleigh
SO50 4JR
Drawing Title
Proposed Plans

Client
Mr & Mrs Dan Roberts
Drawing No.
ROB/02/26

Date
04/26
Drawn by
Name
Scale
1:50
Checked by
Name

Page Size - A1
3000 mm

