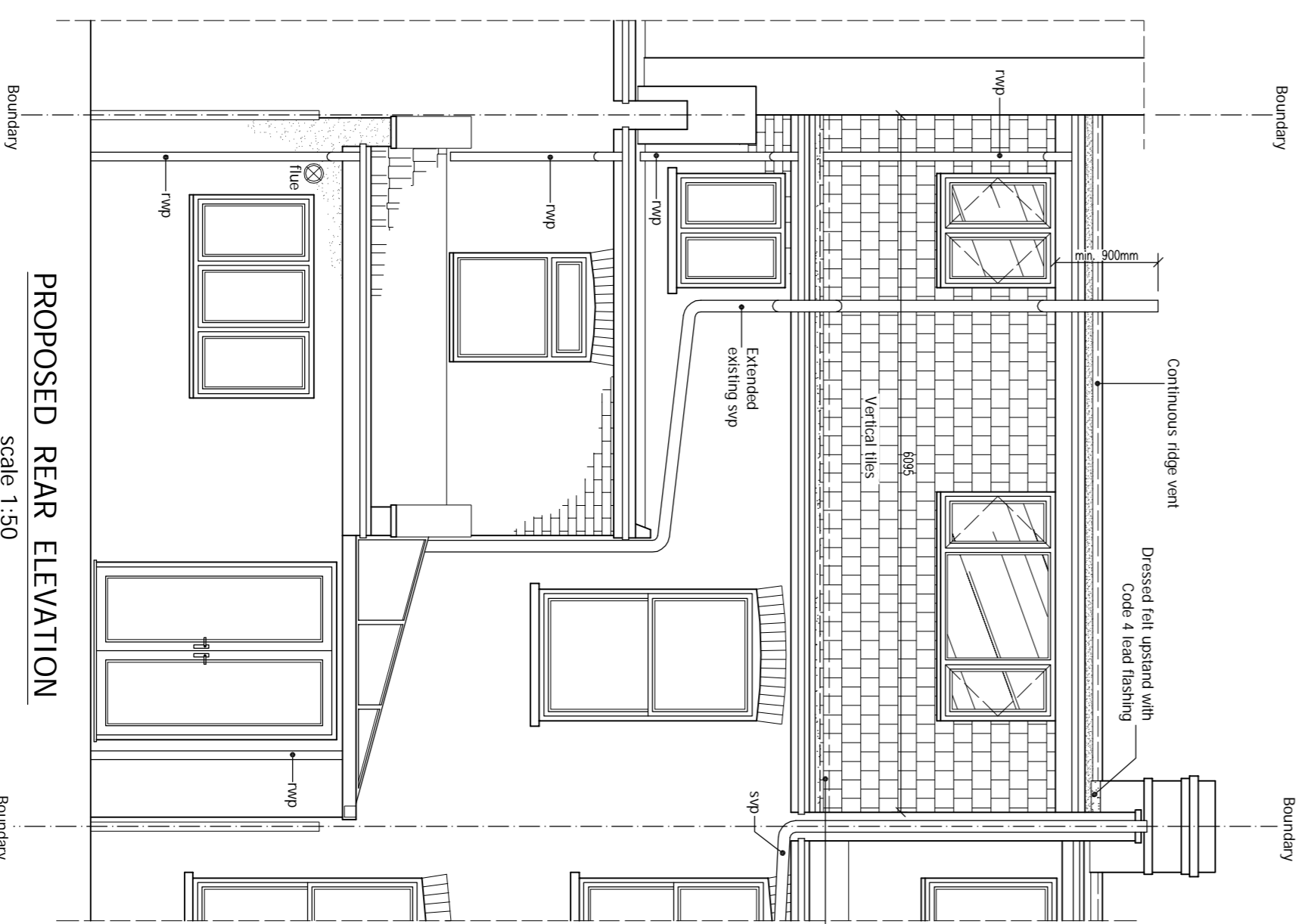
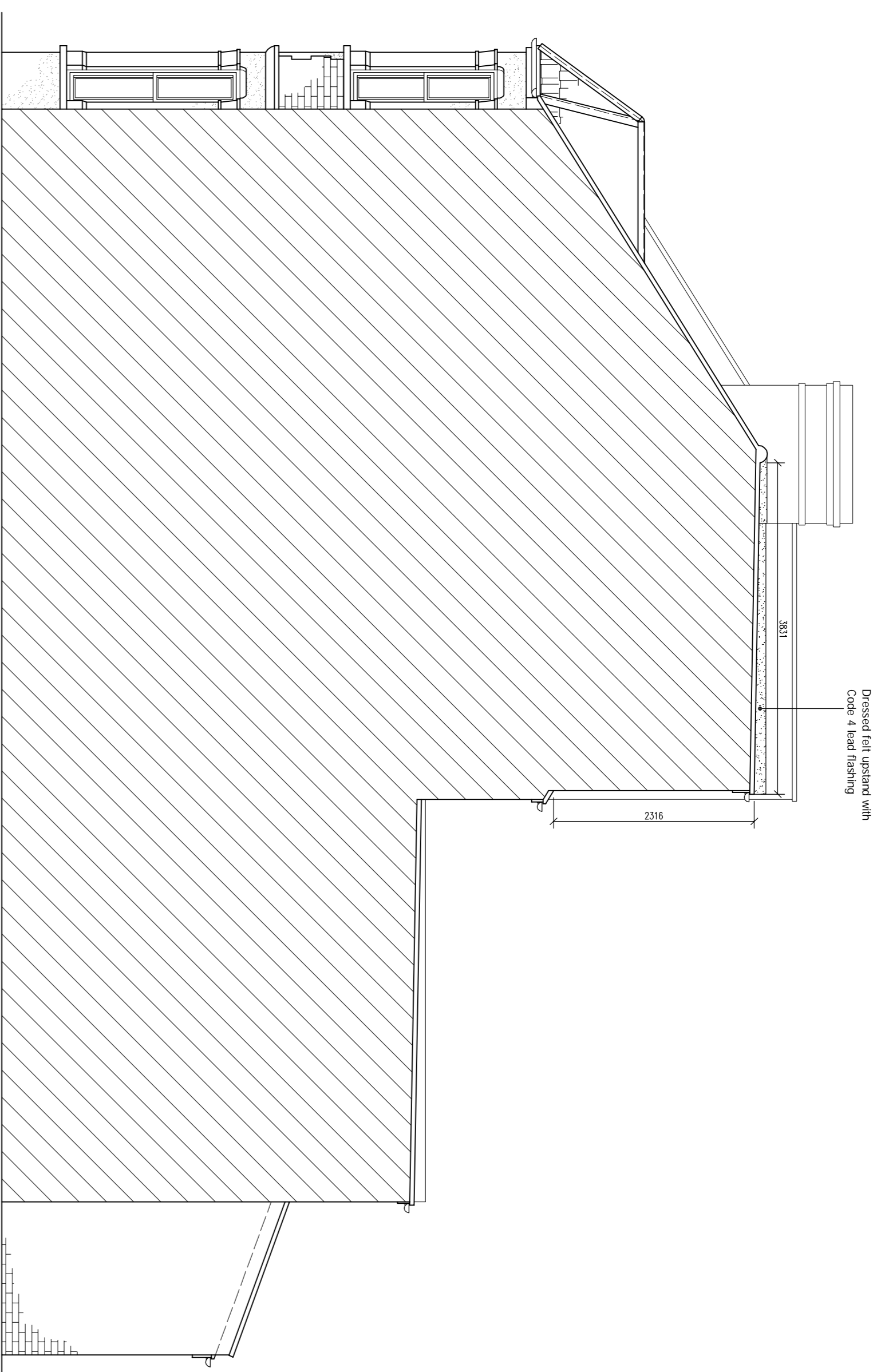


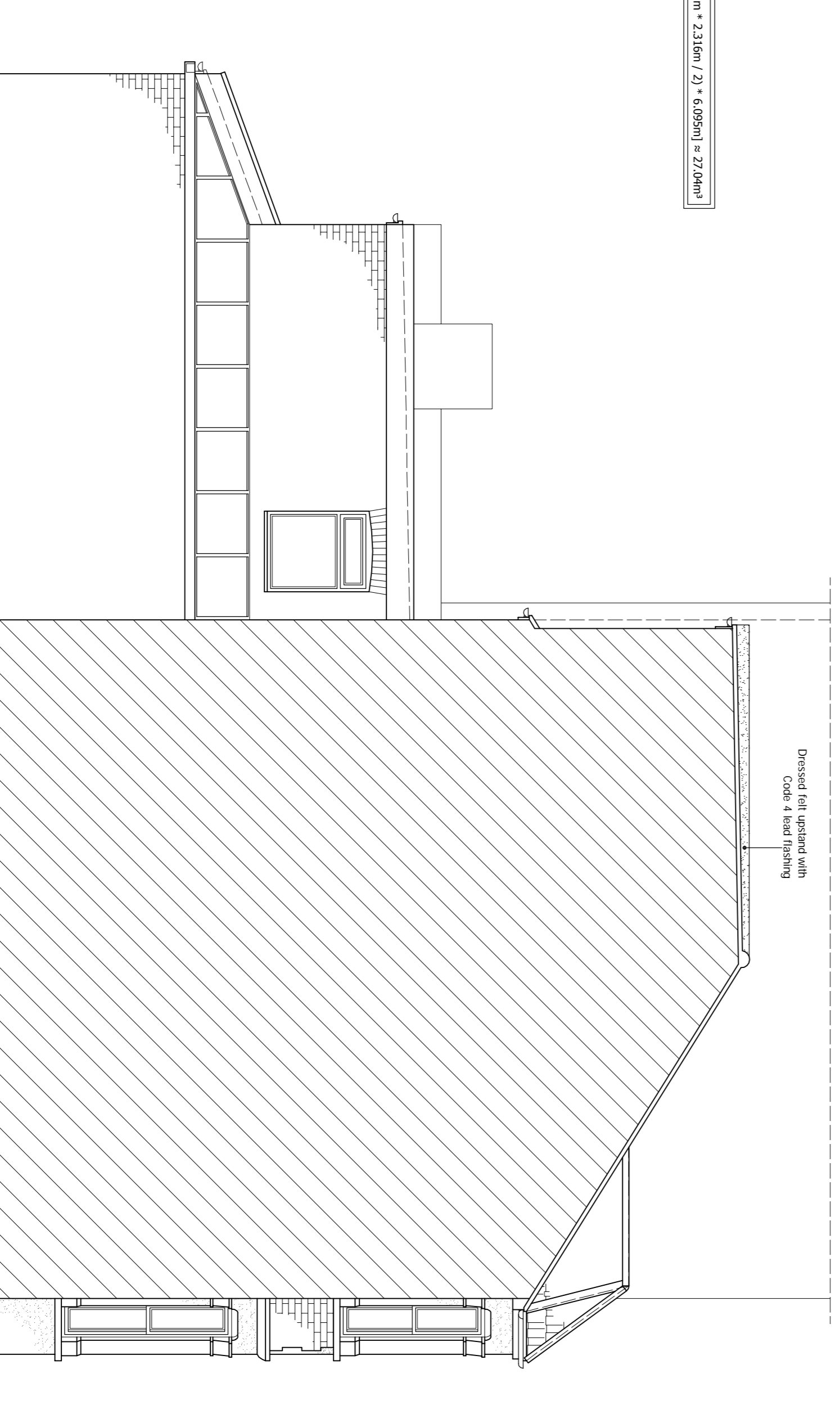
**PROPOSED FRONT ELEVATION**  
Scale 1:50



**PROPOSED REAR ELEVATION**  
Scale 1:50



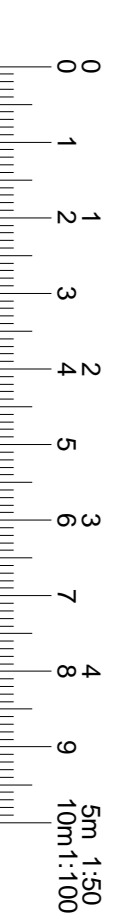
**PROPOSED Adj. SIDE ELEVATION**  
Scale 1:50



**PROPOSED SIDE ELEVATION**  
Scale 1:50

$$V_{\text{total}} = (3.831m \times 2.316m \times 2) + (6.095m) = 27.04m^3$$

Code 4 lead sealers dressed to existing roof tiles & behind new dormer tiles



**7. TIMBER PARTITIONS:** - 100x47mm vertical softwood studs at 600mm c/c secured to 100x47mm head and sole plates. Nogginns at 600mm intervals. 12.7mm Gyproc plasterboard and skim finish to both sides. Provide 25mm Isovol APB 1200 sound insulation to partition voids at bathrooms and around bedrooms to comply with E2 requirements for sound decoupling. Floor joists to be doubled up when running parallel with and under timber partitions. Stud to front faces to be 100x47mm at 420mm c/c to provide support with 12.5mm plasterboard fixed across face of studs, all to give a U-value of 0.28 or better.

**8. FIRE PRECAUTIONS:** - All doors to stairway serving habitable rooms are to be FD20 doors with 25x38mm rebates and provided with either with intumescent strip or 35x25mm doorstrips glued and screwed at 200mm c/c (existing to be replaced with new ). All new internal doors to have min. undercut of 10mm above the fitted floor finish surface. 18mm firelime board to underside of new staircase to skim finish. Mains operated, self contained and inter linked smoke alarms must be provided at each landing level. The smoke alarms must conform to BS 5446 Part 1. All units to have rechargeable batteries in case of mains power loss. Any glazing to the stairway enclosure to be replaced with fire-resisting (un-insulated) glazing retained by a suitable glazing system and beads compatible with the type of glass.

**9. FRAMES, CASINGS, SKIRTINGS, ARCHITRAVES:** - New external doors and windows to be UPVC and double glazed. Internal door linings shall be 100 x 38 with painted stops. Skirting boards shall be 100 x 19mm chamfered. Architraves shall be 75x19 chamfered. All new internal doors to have min. undercut of 10mm above the finished floor finish surface. All window frames and all double glazed windows to have safety glazing on all doors, side and all areas extending below 800mm from floor level. New or replacement windows double glazed with 16mm air gap or 12mm argon filled gap and a both finished soft low 'E' coating to achieve U-value of 1.60 and to have window energy rate - Band C or better. New external doors to have a U value of 1.80. Installed either by Fenestration Institute or compliance via certificate from L.A. Building control (fee Payable). Max. area of windows, doors and roof lights should not exceed 25% of floor area of the extension.

**10. ELECTRICAL INSTALLATION and PART P BUILDING REGULATIONS ELECTRICAL SAFETY:** - Where electrical work is required to comply with Schedule 1 of the Building regulations it will either:  
a. Be installed, by electrician who is registered as Part P approved by an authorised body (a completion certificate/certificate of compliance will need to be obtained from their authorised body (NICEIC, ELECSA, NAPIT etc.).  
b. Any other electrician will require an Electrical Safety Building Notice application.

The proposed electrical installation, earthing and bonding to be installed to current IEE regulations & to comply with Part P requirements of the Building regulations. Inter-linked, self-contained smoke alarms shall be provided in the circulation areas of the dwelling. The smoke alarm shall be mains operated in accordance with Section 1 of Approved Document B Volume 1. Fixed fitting taking only lamps having a luminous efficacy of 40 lumens per circuit watt shall be used at one per 25 m<sup>2</sup> of floor area or three of four or 75% fittings which ever is the greater. Fixed external lighting shall be either lamp capacity not exceeding 150 w per light fitting that switches off automatically or fittings taking only lamps of 40 lumens per circuit watt.

**11. GAS INSTALLATION & HEATING:** - The proposed gas installation shall be designed and installed by GASSAFE registered person and a relevant certificate provided to Building Control pre-completion. Existing central heating to new extension shall be replaced with new radiators. New radiators are installed must be a condensing boiler and must have a SEDBUK rating of Class A or B and the condensate outlet must be taken to the foul drainage system. New radiators fixed with thermostatic type valves with pipework insulated to non heated locations.

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Project: Loft Conversion with Dormer Window to Rear.

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Scale: AS Shown	Drawn by: Sheet 2 of 4	Rev'd by: AOC
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