

Notes:

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- KEY
- (HD) Heat Detector Alarm
 - (CA) Carbon Monoxide Alarm
 - (SD) Smoke Detector Alarm
 - (E) Mechanical Extractor
 - f430 30min fire rated door

Dormer front wall & cheeks - Tile cladding on 38x50mm size horizontal battens on Tyvek breathable membrane on 15mm external grade oab board on 100mm timber stud.
 Insulation - 100mm Celotex G4000 between studs with 62.5mm Celotex PL40050 fixed to inner studs or similar approved - calculated U value of 0.18 - All insulation joints to taped over with SuperFoil tape or similar approved.

Dormer wall to be a minimum 200mm from edge of eaves
 Install 25mm continuous ventilator, either in soffit or via continuous tile ventilator to eaves

Dormer roof - High performance 3 layer felt roofing system approved. Insulation 150mm Kingspan Thermafof TR26 or similar approved on 1000 gauge vapour control layer over 18mm external grade oab board - calculated U value of 0.15
 Where the above cannot be used, full fill all gaps and voids with Knaflex earthwool or similar loft roll insulation

Ensure 5mm continuous ventilation to exit from dry ridge tile

Pitch Roof Insulation to be as follows or similar approved to achieve U value of 0.15
 - 110mm Celotex XR4000 or similar approved inserted between rafters flush to U/S of rafter face
 77.5 Celotex PL4065 or similar approved directly over - Calculated U value 0.15 - All insulation joints to taped over with SuperFoil tape or similar approved.
 Note: Battens are likely to be required screw fixed to underside of rafter to ensure minimum 50mm clear ventilation path between rafter and sarking felt.

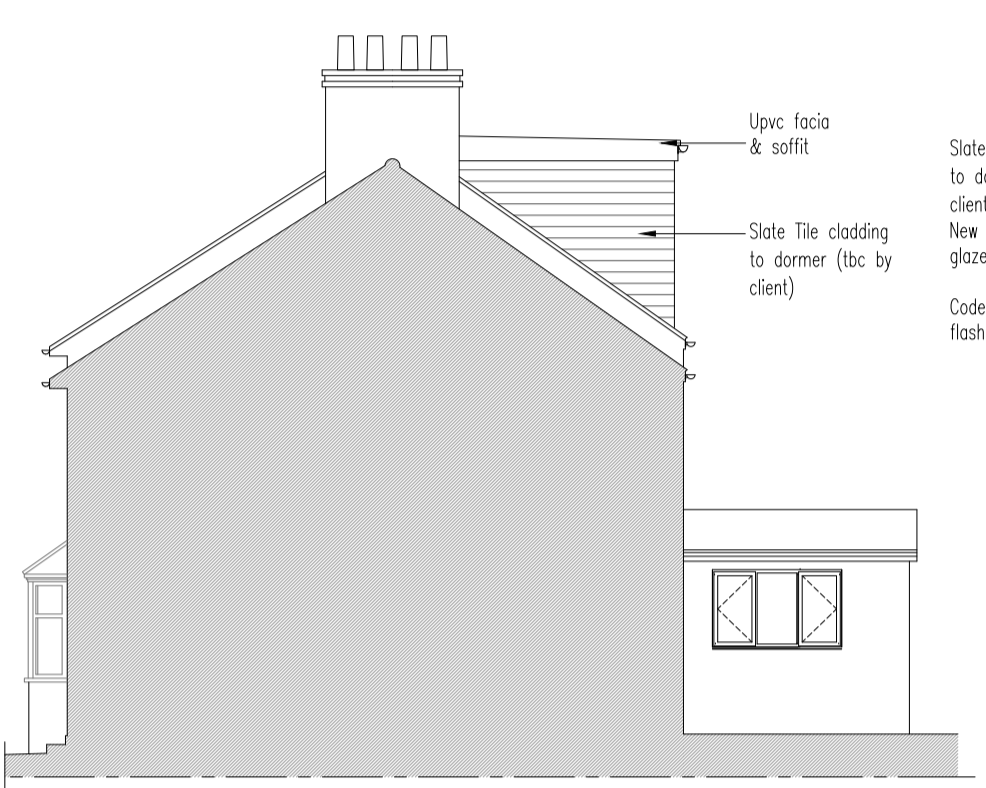
Dwarf wall Insulation - 100mm Celotex G4000 between studs with 62.5mm Celotex PL40050 fixed to inner studs or similar approved - calculated U value of 0.18 - All insulation joints to taped over with SuperFoil tape or similar approved

Knaflex earthwool loft roll insulation or similar approved supported on chicken wire stapled to joist to ensure 30 minutes fire integrity - 100mm laid between joist with 200mm laid over - Calculated U value 0.15

Eaves ventilator roll to ensure 50mm clear ventilation path
 Install 25mm continuous ventilator, either in soffit or via continuous tile ventilator to eaves



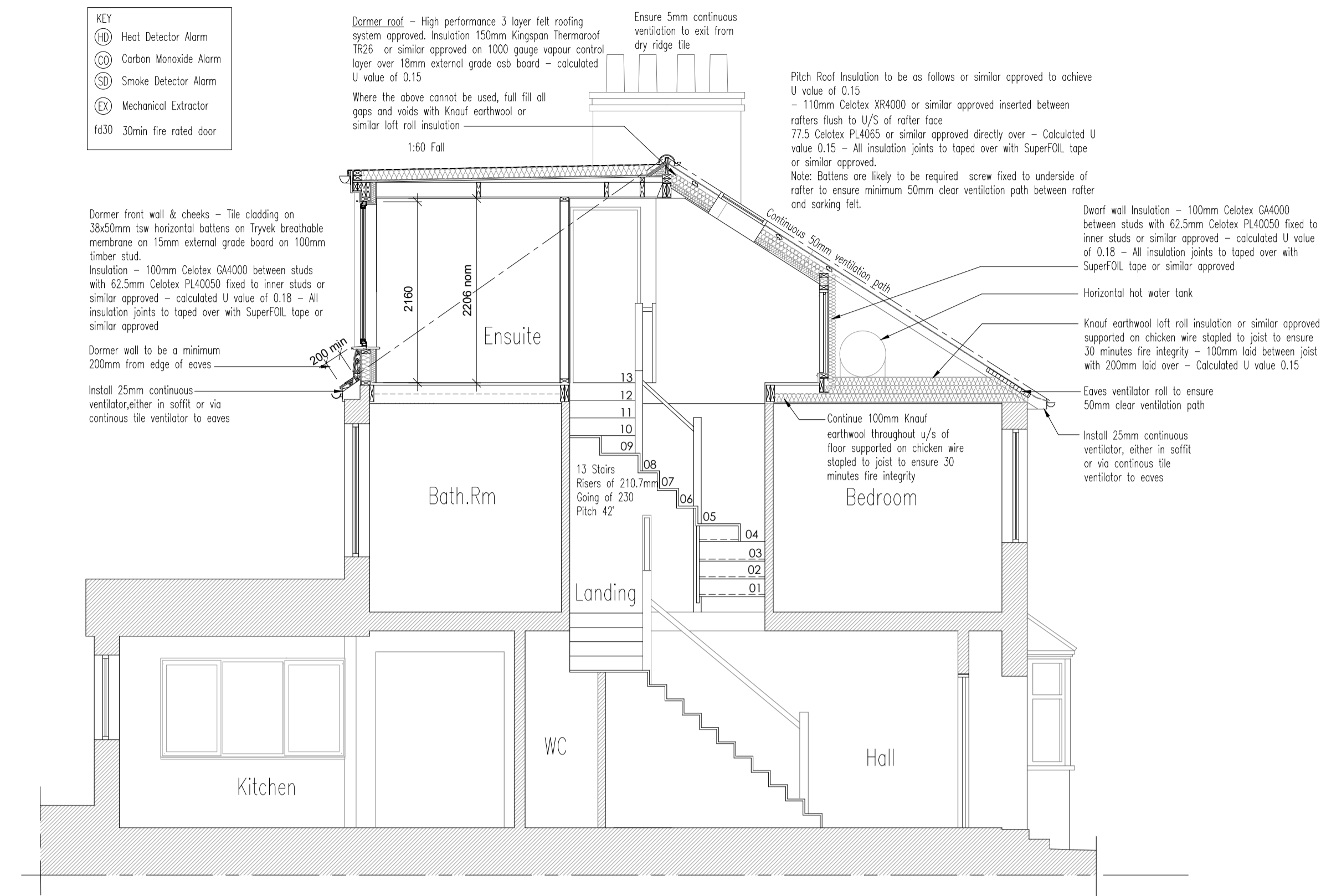
Proposed Front Elevation
 - Scale 1:100



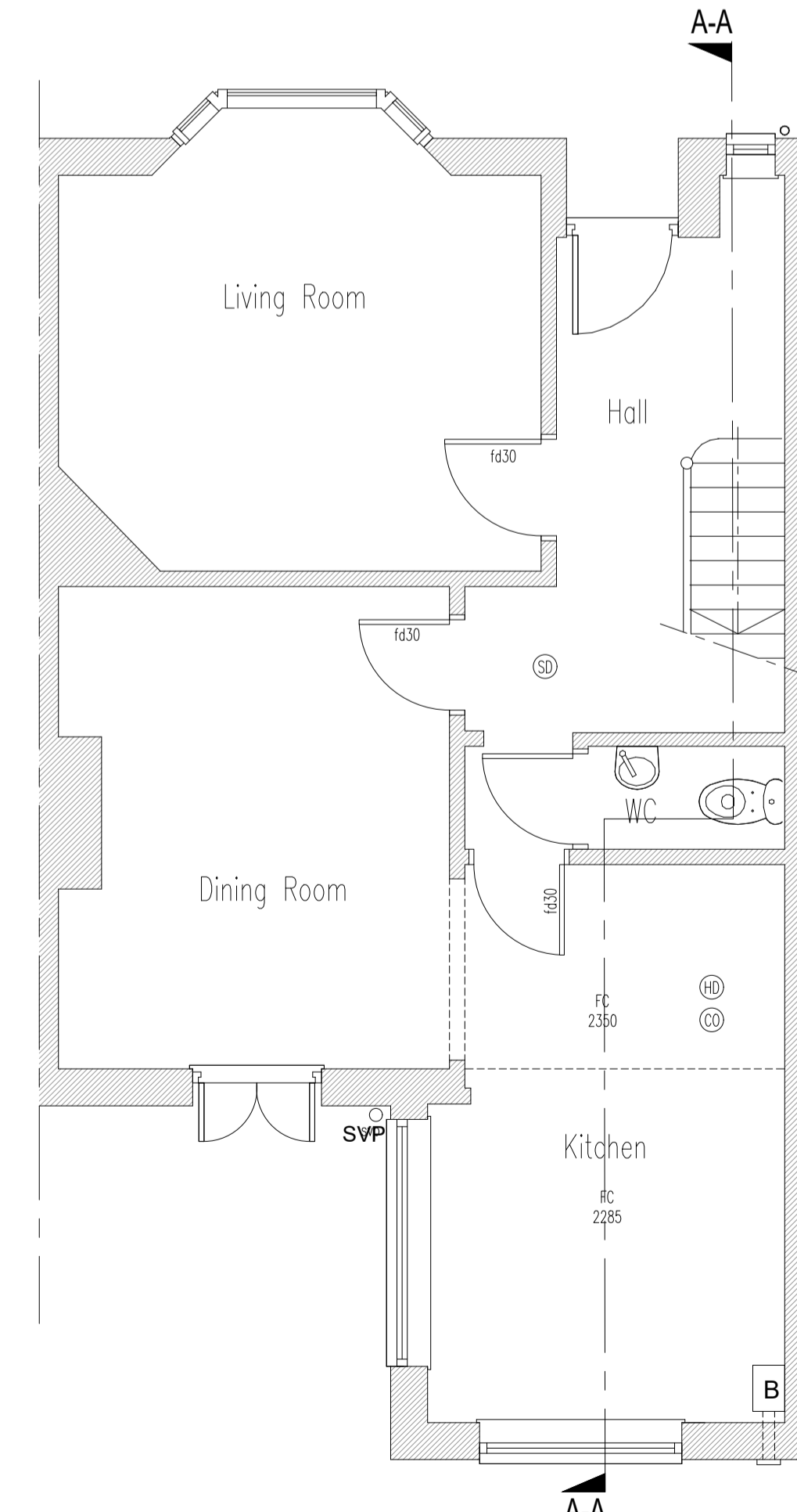
Proposed South West Elevation
 - Scale 1:100



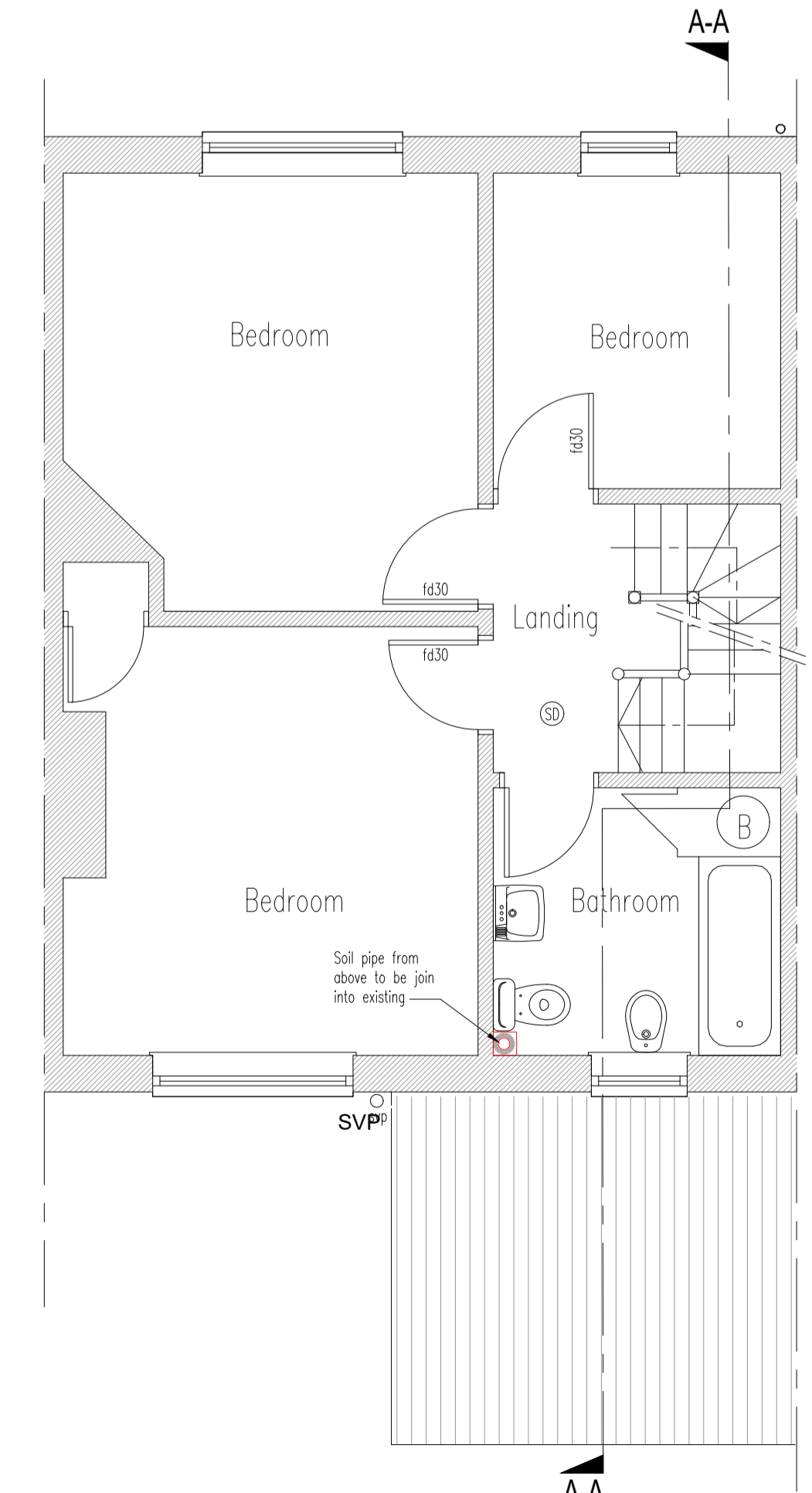
Proposed Rear Elevation
 - Scale 1:100



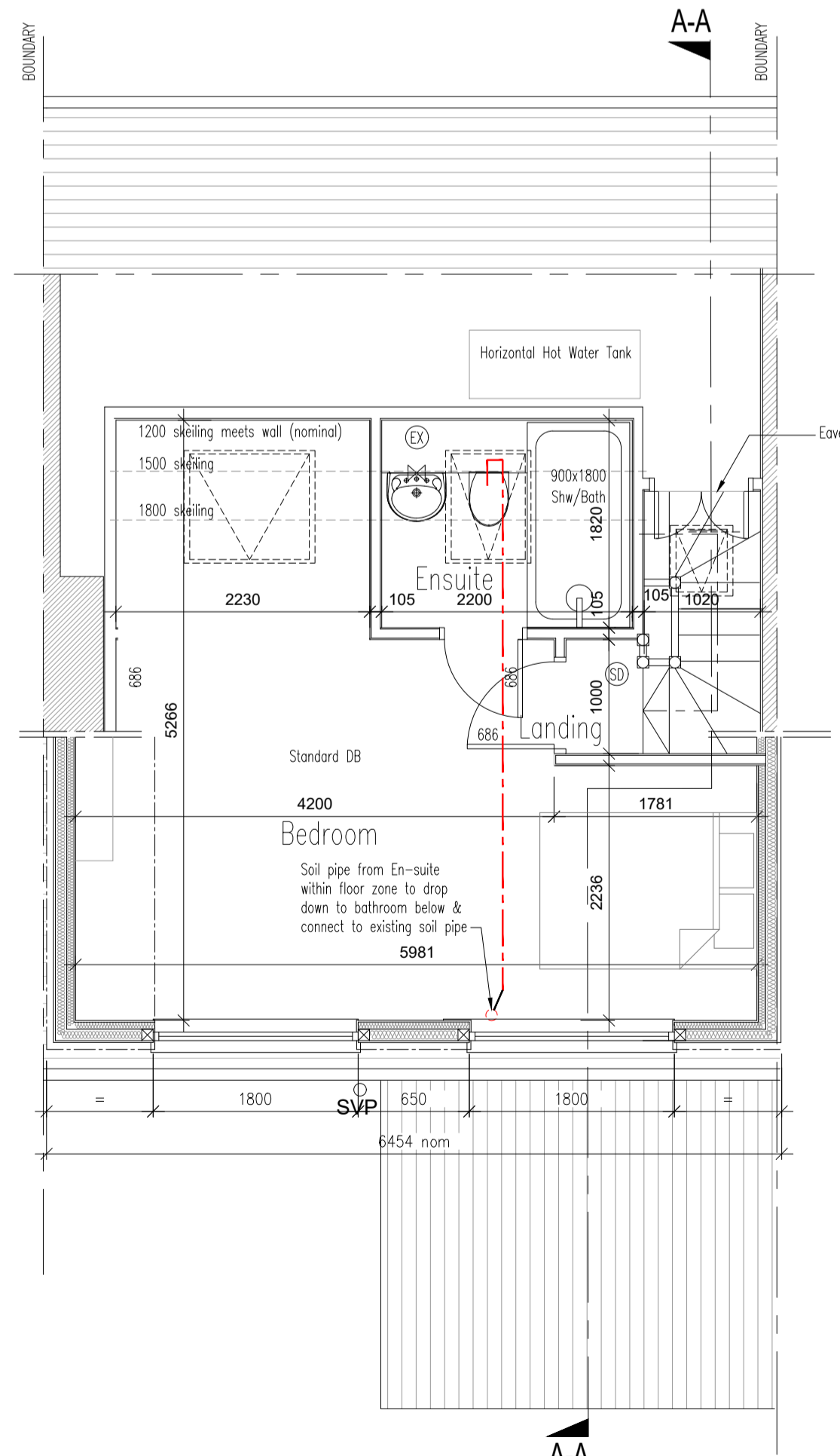
Proposed Section A-A - Scale 1:50



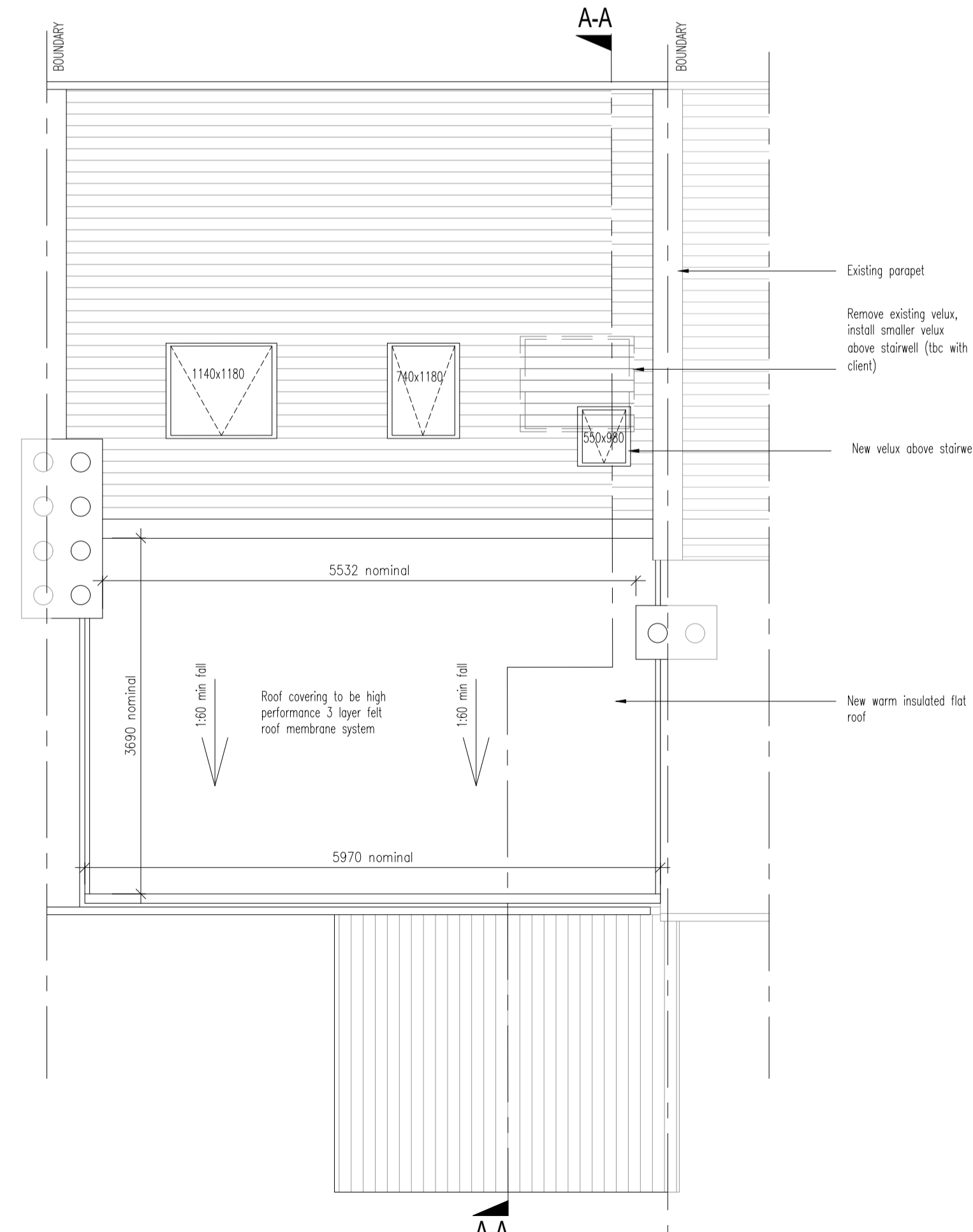
Proposed Ground Floor - Scale 1:50



Proposed First Floor - Scale 1:50



Proposed Second Plan - Scale 1:50



Proposed Roof Plan - Scale 1:50

Rev	Date	Initials	Notes
C	02.04.24	chb	Front elevation added
B	22.02.24	chb	Width of dormer increased
A	16.11.23	chb	Dimensions added to flat roof

REV: DESCRIPTION: BY: DATE:
 STATUS: **BUILDING REGS**

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TITLE: Room In Roof Dormer Conversion

DRAWING TITLE:	Proposed Plans & Elevations		
SCALE:	DATE:	DRAWN:	CHECKED:
1:50-1:100@A1	25.08.22	CHB	DS
PROJECT NO:	DRAWING NO:	REVISION:	
22.132	BR02		C