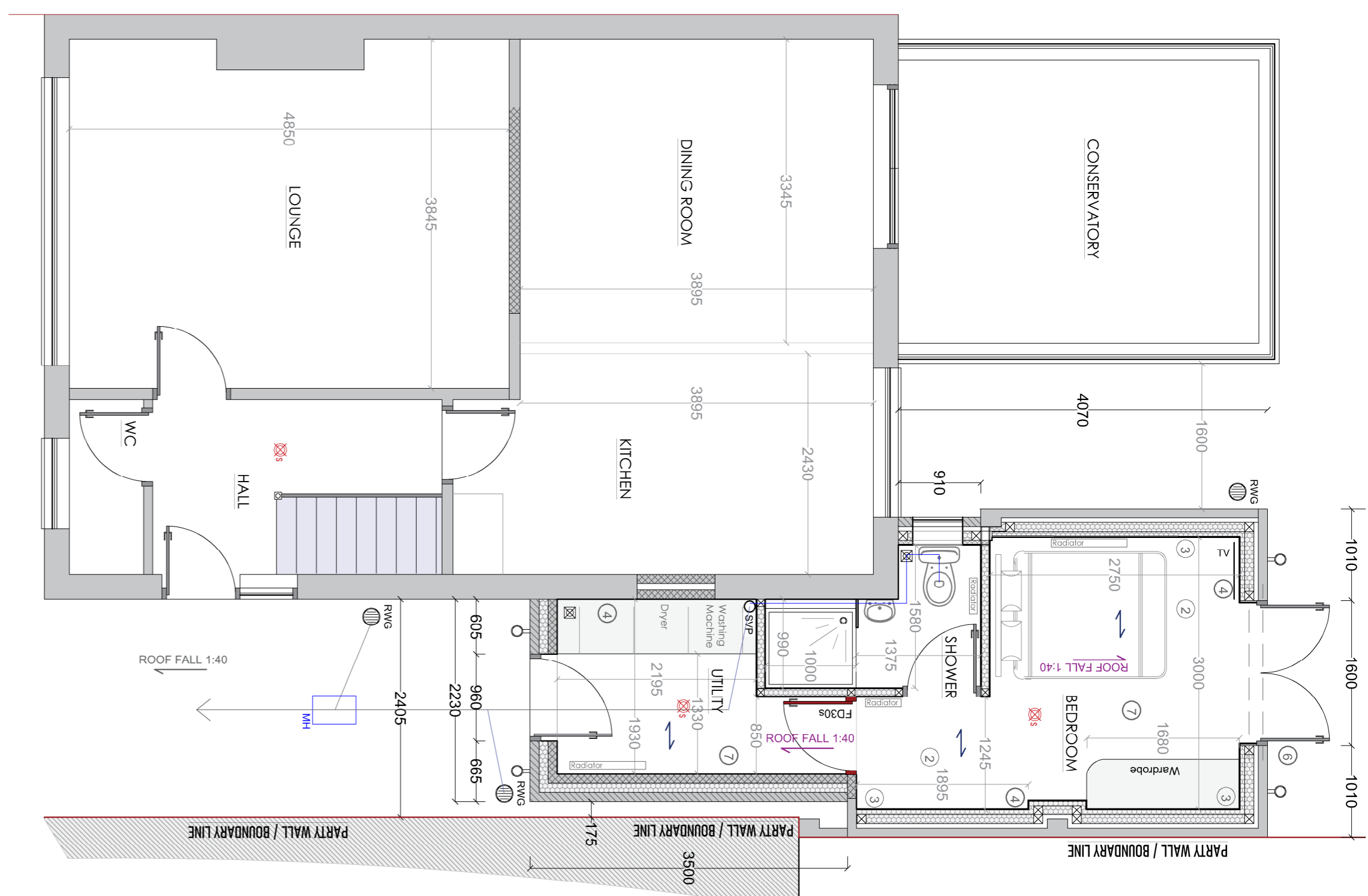


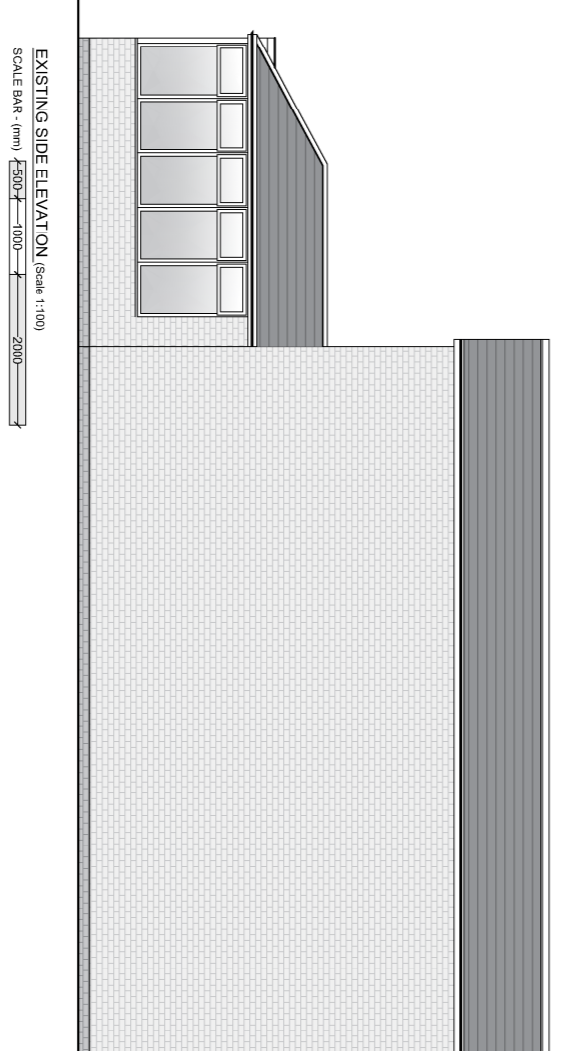
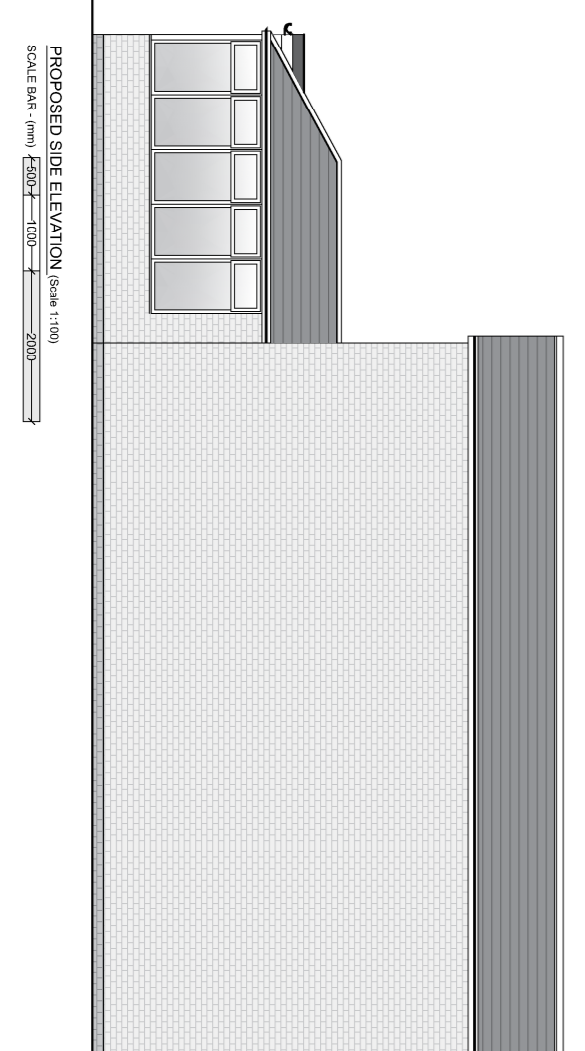
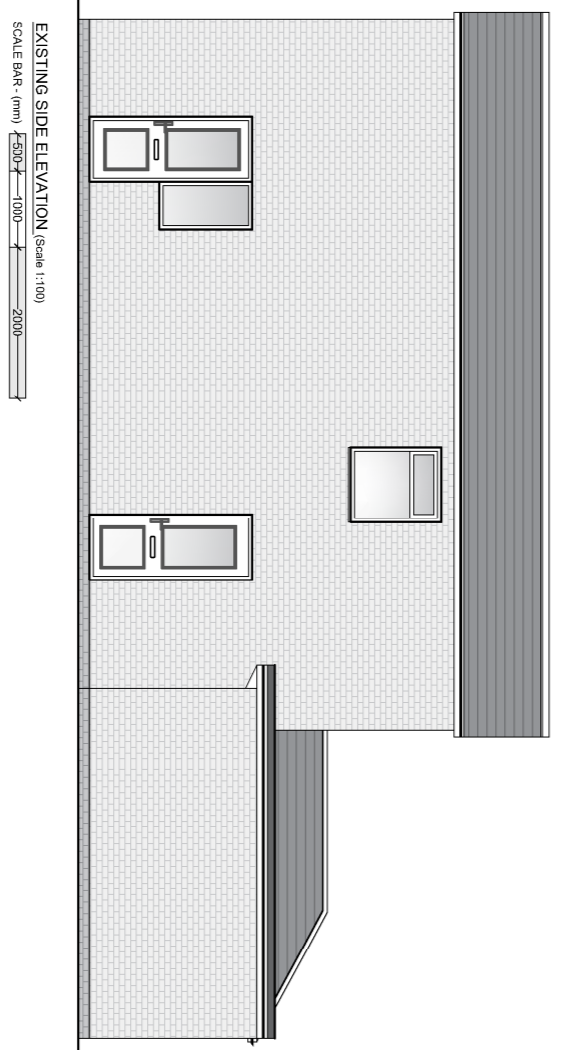
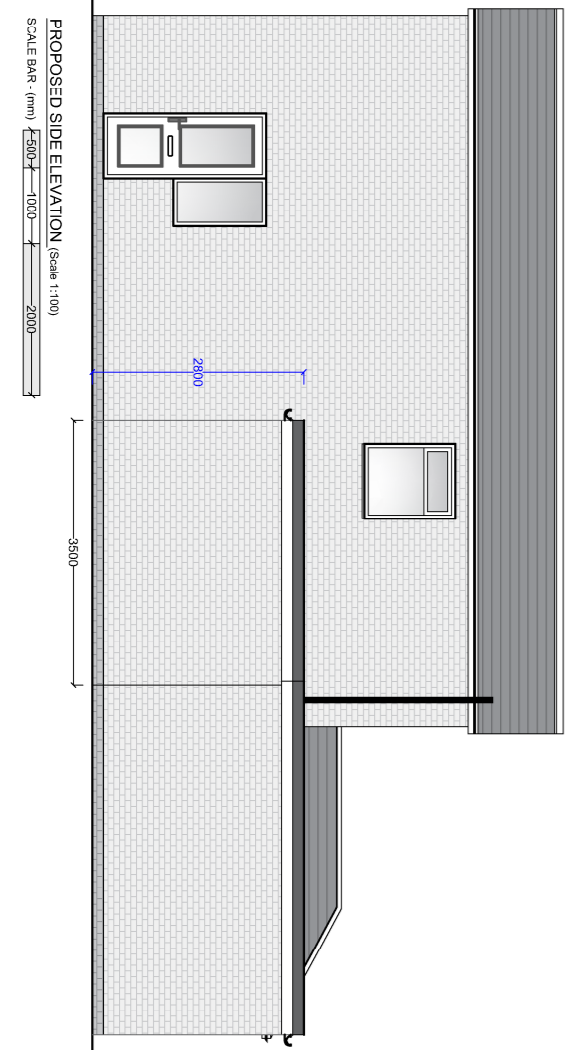
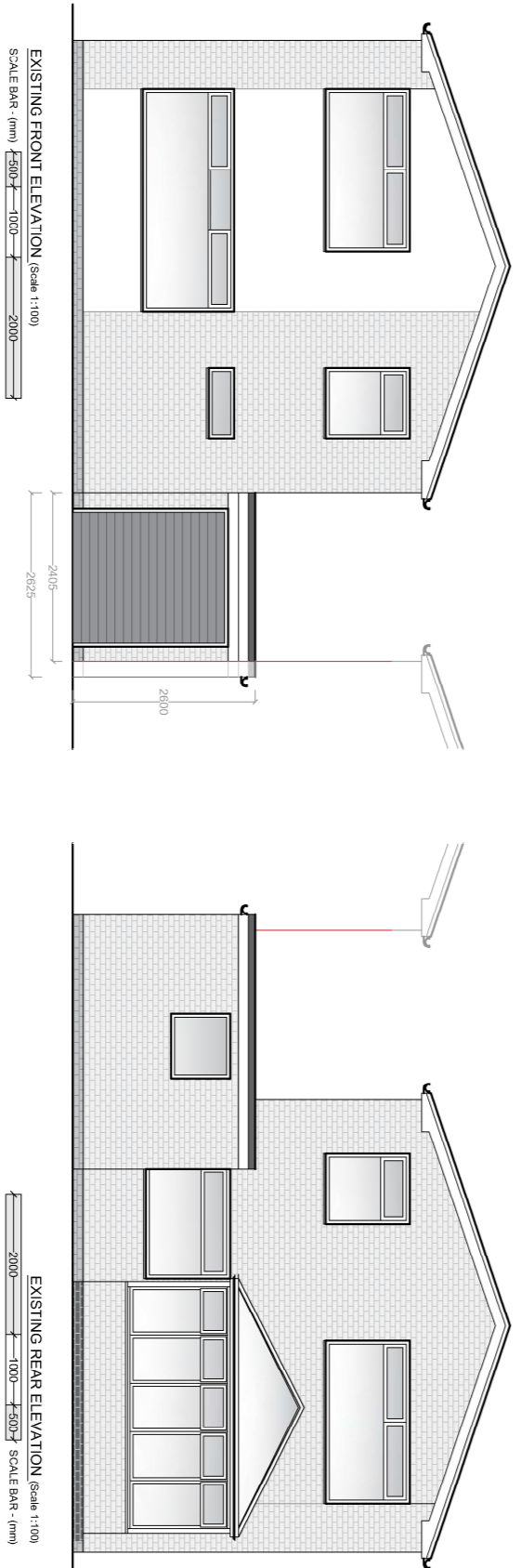
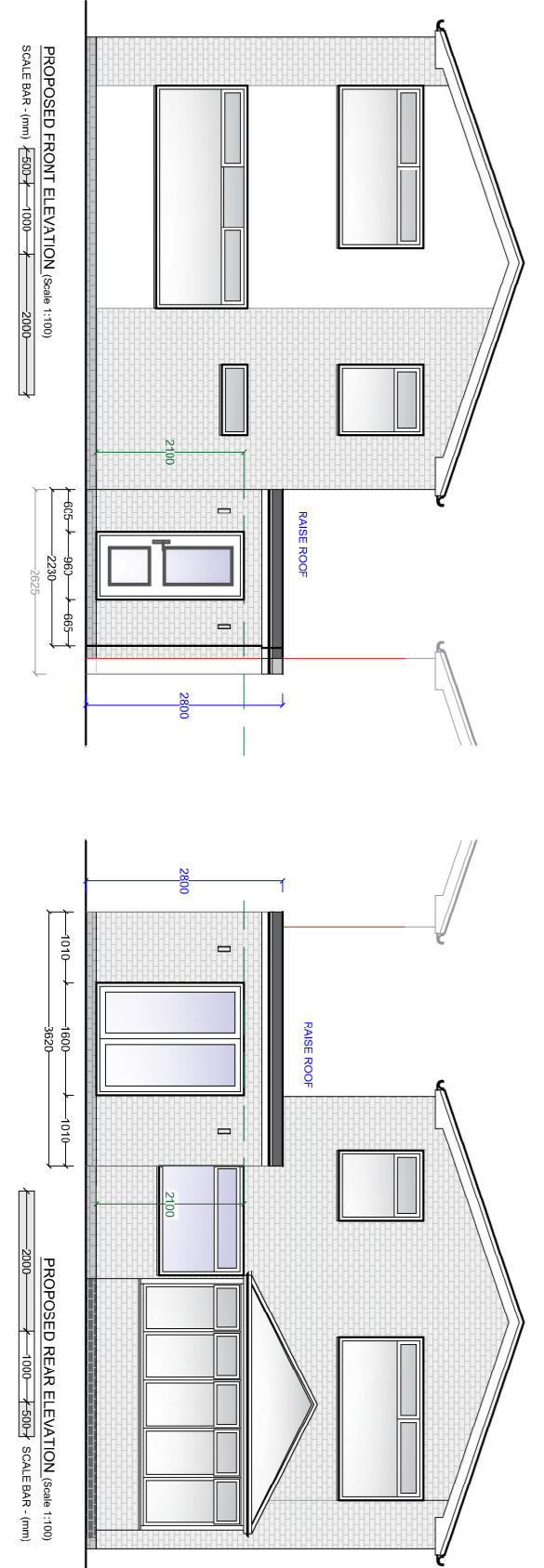


EXISTING GROUND FLOOR (Scale 1:50)
SCALE BAR - (mm)
500 1000 2000



PROPOSED GROUND FLOOR (Scale 1:50)
SCALE BAR - (mm)
500 1000 2000

- 1 New foundation to front elevation with DPC (Alternative: Large RCC Joints could be used to connect with existing wall)
- 2 Raise floor 100mm to accommodate new floor and deck, to achieve 0.15W/m²K Alternative: INSULATED TIMBER STUD 70mm Kingspan TWS between Studs and 2x5 Kingspan K18 on walls
- 3 Currently unventilated walls to be insulated to meet 0.18W/m²K
- 4 New double and spot lights to owners design
- 5 Build out wall to form larger room.
- 6 Cut back window return.
- 7 Paintboard and stain and paint.



FLOATING FLOOR TO EXISTING COLD STORE

Typical Design Detail

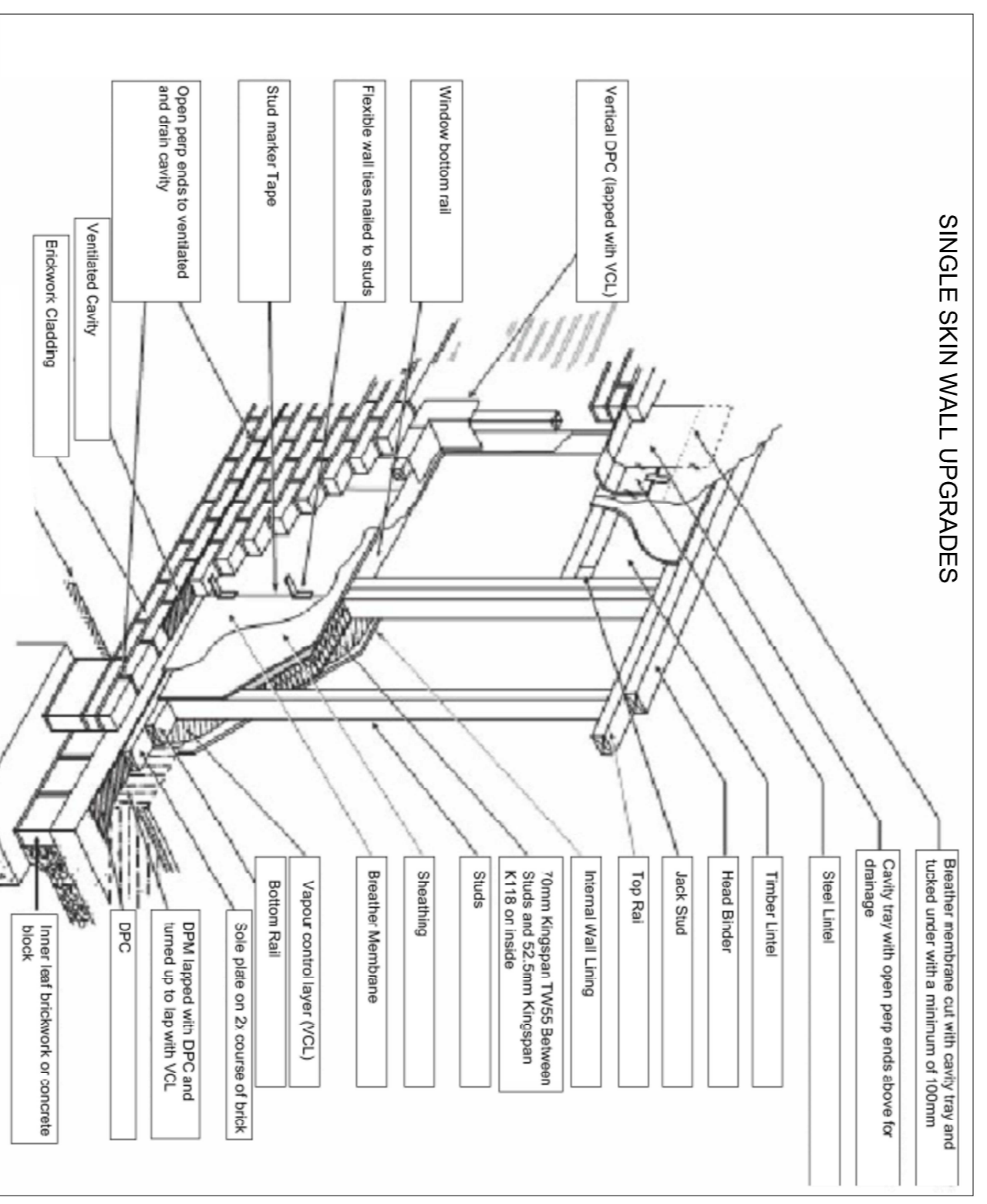
Specification Clause
Kingspan Thermafloor™ TF73 should be described in specifications as:-
The floor insulation shall be Kingspan Thermafloor™ TF73 mm thick CFC/HCFC-free rigid extruded polystyrene insulation bonded to an FSC approved 18 mm moisture resistant flooring grade chipboard (P9) facing, manufactured to the highest standards under quality control systems approved to BS EN ISO 9001: 2000 by Kingspan Insulation Limited and shall be applied in accordance with the instructions issued by them.
Details also available in NBSPLUS.
NBS users should refer to clause(s):
K11 295 (Standard and Intermediate)
K11 60 (Minor Works)

FLOOR SLAB 0.17W/m²K

KINGSPAN TF70 - 150mm

Solid concrete ground based floors
Insulation below the floor slab

WARM ROOF 0.15W/m²K
KINGSPAN TR24 - 150mm
Timber Deck with Plasterboard Ceiling



ALL WORKS TO BE UNDERTAKEN TO LATEST BUILDING REGULATIONS, BRITISH STANDARDS AND MANUFACTURERS RECOMMENDATIONS
TOWN AND COUNTRY PLANNING ACT 1990 - Advice to be taken from the Local Authority by Client, and planning permission should be applied for and obtained by the owner prior to work commencing. The appropriate form and fee, the approved Building Control body with all statutory notices, for inspections and shall liaise with the statutory undertakers and comply with their requirements.
PARTY WALL ACT - Prior to commencing work, the builder/owner shall ensure that inspectors have been given notice under the Party Wall Act.
CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015 - The contractor shall with the safety and health of every person who may be affected by the work.
NEBOSH - All personnel given whether formal or informal are to be checked and verified on site by the contractor prior to commencing work. Typical instruction 491 to the project and site safety documents.

PURPOSE	Planning and Building Regulations Only	SITE ADDRESS	27 Galston Ave Rainhill Prescot L35 0DE
WORK	Conversion of cold store to, raise flat roof and erect single storey side extension.	NUMBER	1
DRAWING	Existing and Proposed plans & elevations	REVISION	A
		SCALE 1 - AI	1:50 floor plans
		SCALE 2 - AI	1:80 elevations