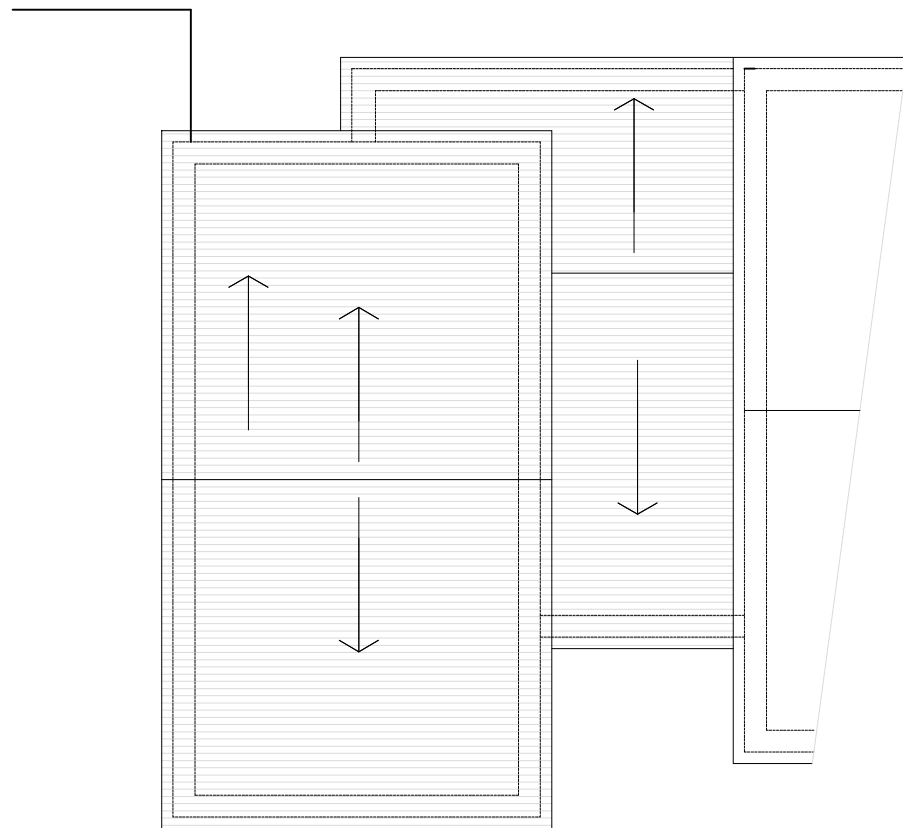
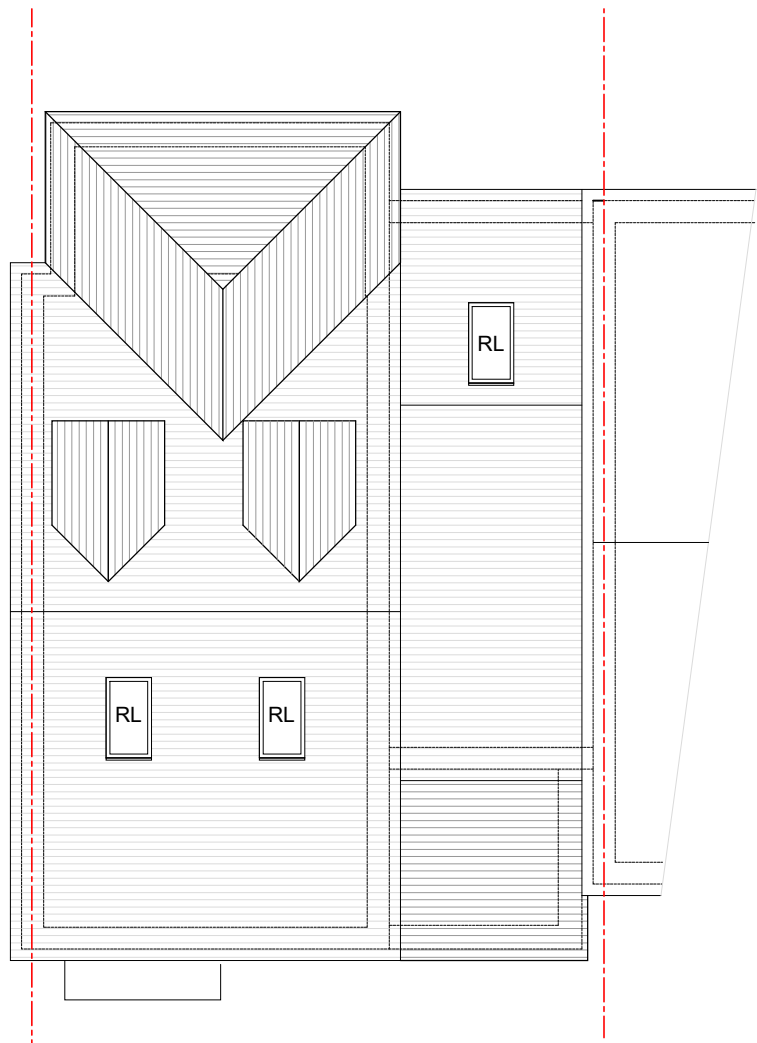




EXISTING ROOF PLAN

SCALE 1 : 100



PROPOSED ROOF PLAN

SCALE 1 : 100



NOTES

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C 03.03.2026 Added as per planners review SK

SK Design Consultants
22 Netley close
Caversham
Reading RG4 6SR
Tel : 07821111602

Client:
Mr Arpit Malani

Project:
Two storey rear extension ,
Garage conversion and Loft conversion.

Location:
41 Patrick Road, Caversham Reading, RG4 8DD

Drawing Title:
ROOF PLANS

Date: FEB 2026	Sheet Size: A3	Drawn: SK
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Drawing No:
P1686a- 03

Revision:
C

Building Materials (Below Flood Level)

Walls

Dense concrete blockwork instead of timber frame

Waterproof wall membranes. Allow controlled water entry during extreme events

water-resistant AND QUICK DRYING

Use closed-cell insulation that does not absorb water:

Extruded polystyrene (XPS)

Foamed glass insulation

Floor finish

Solid concrete slab with damp proof membrane

Tiled or polished concrete finish

Stone or porcelain tiles.

if meters and services cannot be placed above 38.854m AOD:

Alternative Mitigation:

Install services in vertical risers above predicted flood level

Use removable/relocatable meter boards

Fit non-return valves on drainage

Waterproof service ducts

Use sealed conduit entries with:

Closed-cell expanding foam

Waterproof collars

Mechanical pipe seals

Electrical Systems:

Locate consumer unit above flood level

Drop-down wiring system from ceiling

Raise sockets (e.g., 1m above finished floor level)

Boilers & Heating:

Wall-mounted boiler above flood level

Avoid floor-mounted systems

Use sealed system pipework

Reinforced concrete foundations

Flood-resistant doors