

New Pitched Roofs: Roof ridge and joist construction as per Engineer's drawings and details. Roofs to comprise:

- Clay tiles to tarrised 38mm x 25mm battens
- Kingspan breathable roofing felt - Nilvent
- mm x mm C24 Rafters
- Double rafters to be installed to rooflight sides
- 120mm Kingspan Koolspan K7 between rafters
- Maintain 25mm air gap over for ventilation of rafters
- 32.5mm Kingspan Kooltherm K118 insulation to underside of rafters
- 9.5mm plaster board with skim coat to finish (U-Value 0.18 W/m².K).

New Cavity Walls:

- 100mm Brickwork (to match existing) outer skin
- 50mm Ventilation cavity throughout
- 50mm thick Celotex cavity insulation
- 100mm Thermalite blocks to inner skin
- Stainless brickwork ties at 750mm x 450mm centres
- Lightweight plaster to inner face
- (U-Value 0.2 W/m².K)

Note: Proprietary cavity closers or insulated vertical dpc's to be used to close cavities at door and window openings

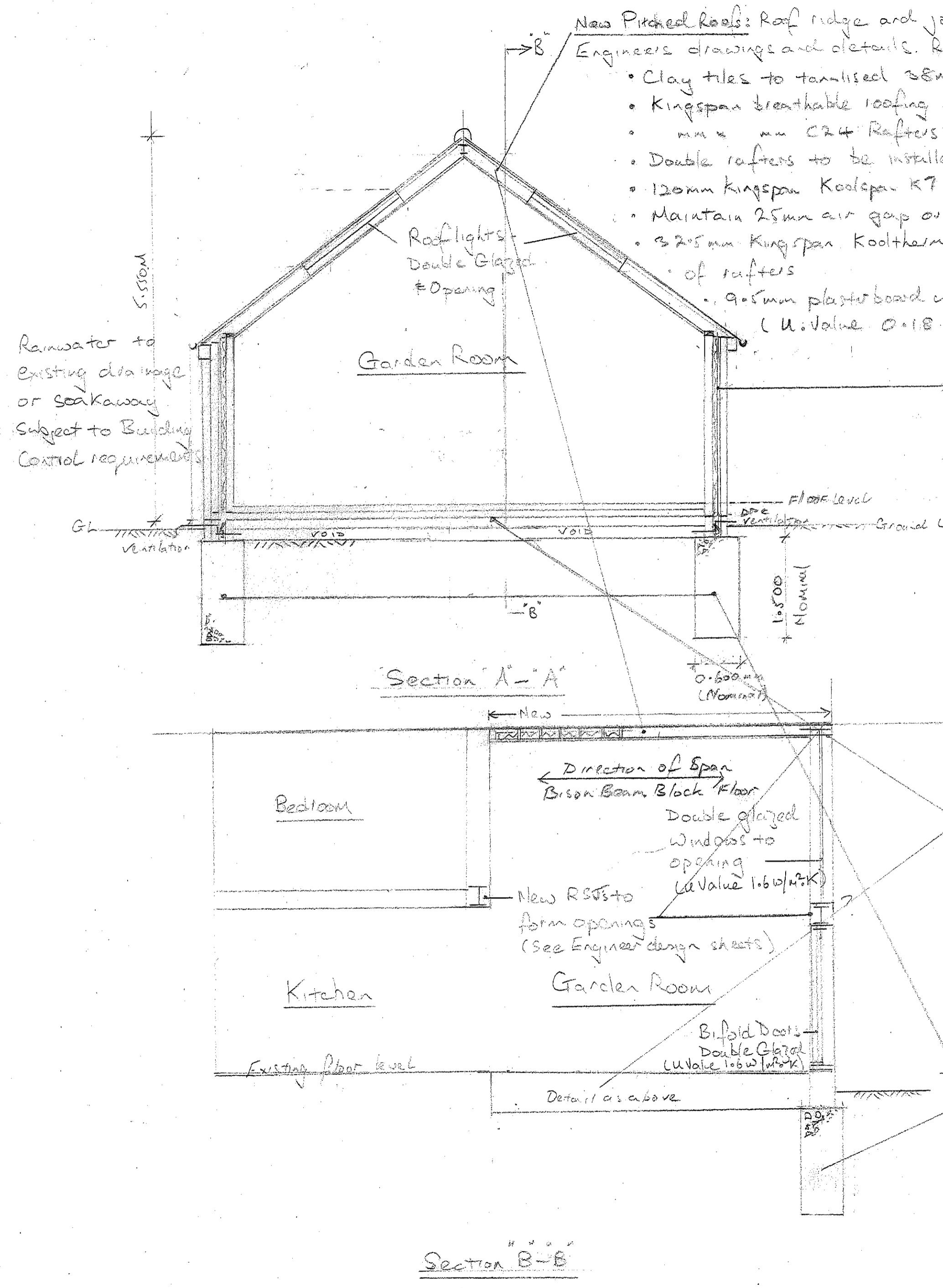
1. Allow for cavity wall ventilators to sub floor
2. Allow for cavity wall ventilators to sub floor
3. Cavity walls to be closed and sealed at top with non combustible material

New Ground Floor - Bison Beam & Block:

- 75mm Cement screed
- 75mm Celotex insulation "Extra R"
- 1200 G Polythene damp proof membrane, lapped & bonded to wall dpc
- Bison Prestressed Beam & Block floor 150mm thick to manufacturers design as attached
- 175mm clear void (heave precautions)
- Vegetation on ground to be removed and ground treated with weed killer

New Foundations: Mass Trench All Concrete:

- Size 600mm wide x 1500mm deep (Nominal size) subject to approval by Building Control.



NOTES:
All dimensions must be checked on site and not scaled from this drawing.

Rev A - 19/04/21

1. Cavity walls to be closed at top and sealed in non combustible material
2. New chimney stack and fireplace removed
3. Garage size reduced - see plan
4. Thermal calculations to be undertaken to prove compliance with Approved Document L1b

A	19/04/21	See notes above
Date	Revisions	

©copyright
Notes:
Copyright owned by Martin John Norris
This drawing has been prepared for the purpose of Planning and Building Regulations approval, and should not be used for any other purpose. All dimensions to be checked on site and any discrepancies referred to Martin Norris. Written dimensions are to be used in preference to scaled dimensions. This drawing is the property of Martin Norris and must not be reproduced, in part, or whole, or deviated from without permission from Martin Norris. It is essential that prior to commencement and during construction works the contractor reviews the drawings, specifications and engineering support information and any other relevant and referred information as a whole and complete project to be constructed in compliance with the Building Regulations and approved Planning drawings and information, any discrepancies found or concerns are to be raised.

Client
J Yearley

Job Title
Rear Extension, Garage & Carport
49 Andrew Crescent
Waterlooville PO7 6BE.

Drawing Title
Section A-A &
Section B-B

Scale 1:50 c A2

Date 21 FEB 2021 **Drawn by** MJS

Dimensions in Metres

Drq No.	Rev.
MJN/04/2021/4	A