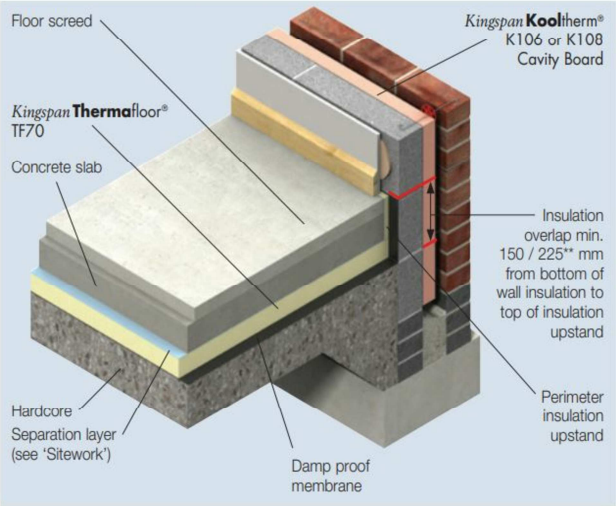
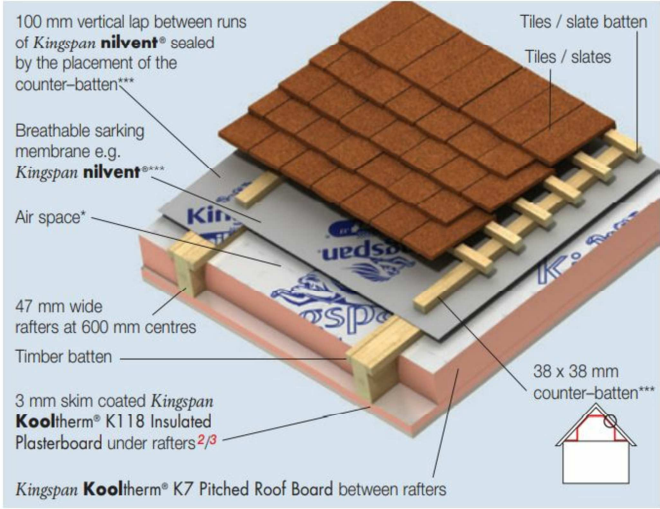


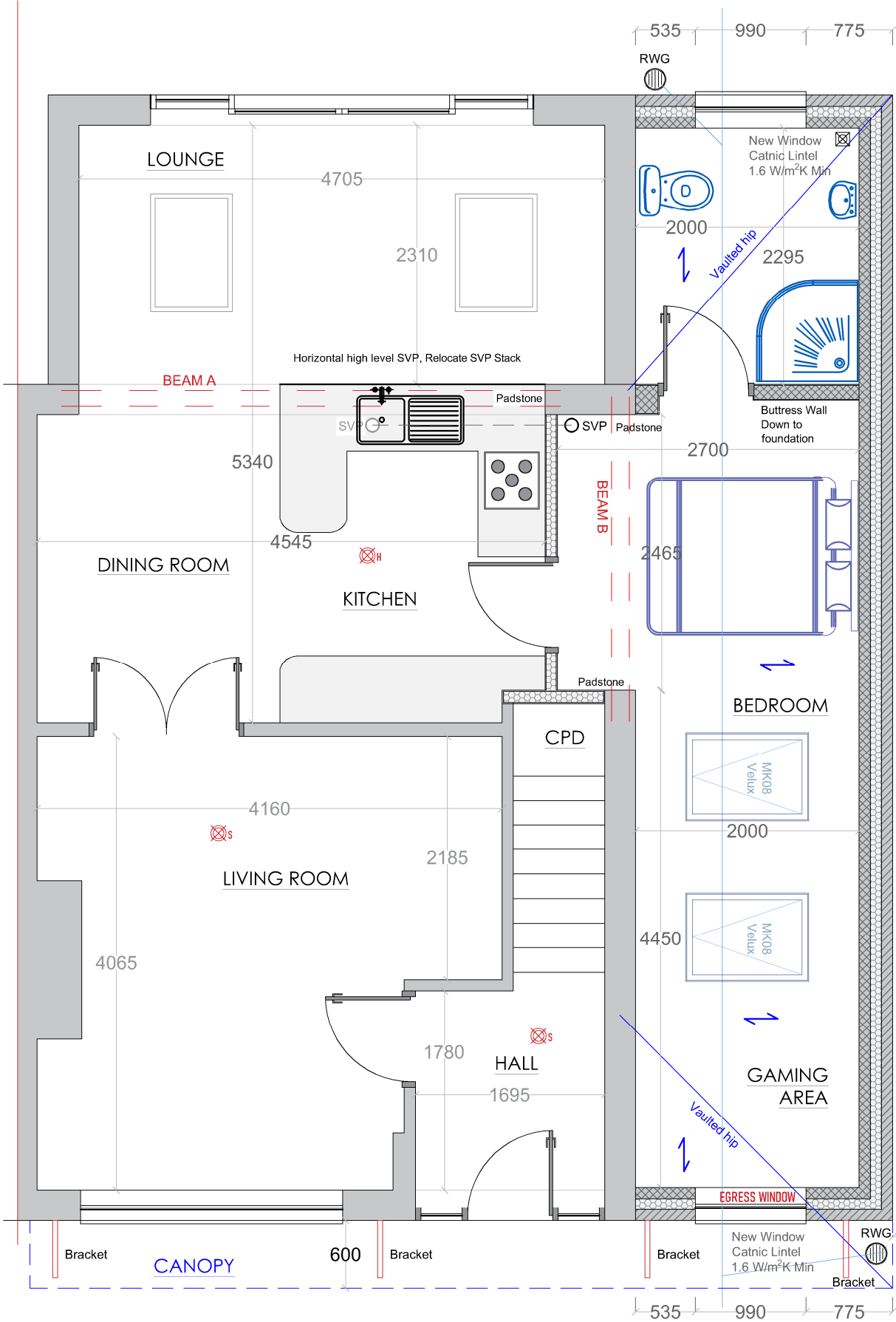
Solid Concrete Ground Based Floors
Insulation Below the Floor Slab



Partially Filled Insulation Between Rafters –
No Sarking Board



1. BETWEEN- Kooltherm Pitched Roof Board (90mm)
 2. UNDER - K118 Kooltherm K7 Insulated Plasterboard** (37.5mm)
- To achieve 0.18w/m2K



PLANNING NOTES
The materials of the extension (such as bricks, tiles, rendering, timber etc) should whenever possible match those of the existing property and be of the same colour, texture and size. If matching materials are not available, the materials should be as close a match as possible. Windows and doors should be of the same proportions, design and materials of the existing house and should be in line with the existing openings.

Vaulted hips
Dragon tie to foot
built into wall at head
Size to be confirmed by SE

New and altered structural elements such as steelwork and bearings must be designed by a qualified structural engineer and complete calculations are to be provided justifying adequacy. Existing foundations to be assessed by BCO for suitability and overall stability

- Smoke Detector & Sounder
- Heat Detector & Sounder
- New Steelwork / Trimmers
- Extract fan
- External lighting

New sockets and spot lights to owners design - Part M

- Final room layouts: Kitchens, Bathrooms, WC's to be decided by owners.

- Kitchens, Bathrooms, WC's to be ventilated (see spec)

Condition of existing building to be further assessed for suitability. Existing beams should be determined by S.E and assessed / replaced

VAULTED ROOFS - MINIMUM PITCH 15°

TIMBER SIZES: 47 x 150 C16 @ 400 Centres
Timbers to be doubled up around any velux's

U-VALUE: 0.18W/m²K Minimum
-BETWEEN - Kooltherm Pitched Roof Board (90mm)
-UNDER - K118 Kooltherm K7 Insulated Plasterboard** (37.5mm)

ROOF TILES: To be suitable for final roof pitch
MEMBRANE: Suitable Breathable membrane - Kingspan Nilvent

Wall between garage and Kitchen/WC to be insulated 0.28 minimum

PROPOSED GROUND FLOOR (Scale 1:50)

SCALE BAR - (mm)



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, full planning permission should be applied for and obtained by the owners Prior to work commencing
BUILDING REGULATIONS APPROVAL - is required for this project. The contractor must provide the appointed Building control body with all statutory notices for inspections and must liaise with the statutory undertakers and comply with their requirements.

PARTY WALL ACT - Prior to commencing work the builder/owners shall ensure that neighbors have been given notice under the Party Wall Act 1996.

CDM REGULATIONS 2015 - The contractor/builder shall be fully aware of the latest Construction (Design and Management) Regulations 2015. The contractor shall notify the Health and Safety Executive where required.

GENERAL - All dimensions given whether figured or scaled are to be checked and verified on site by the contractor prior to commencement of work. Figured dimensions are to take preference over scaled dimensions.

PURPOSE Planning and Building Regulations Only	SITE ADDRESS 10 Malvern Cl Liverpool L32 2BS	
	WORK Erection of a single storey side extension to dwelling house	REVISION B
DRAWING Proposed Ground Floor	Number 01.02	
	SCALE 1 - A3 1:50	