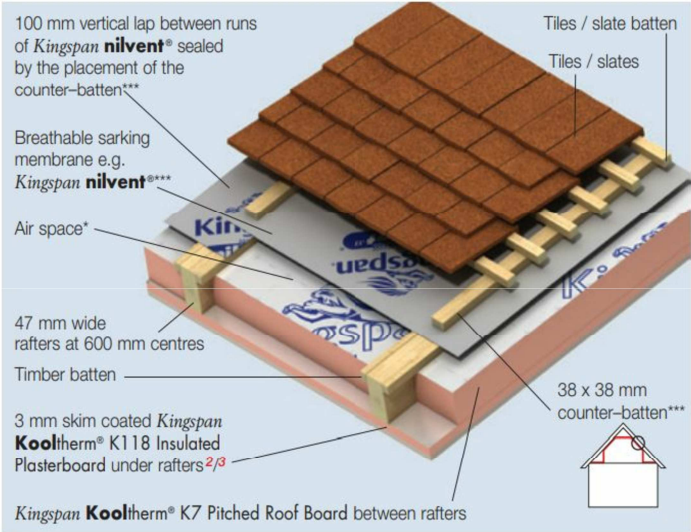


VAULTED ROOF DETAILING - Insulation Upgrade

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 acheive 0.18w/m2K

MAIN ROOF - TRADITIONAL ROOF

TIMBER SIZES:
RAFTERS 6x2 C16 @ 400c
PURLINS 9 x 3 C24 (purlins at mid span)
Ridge 9 x 2 C24

FRONT ELEVATION ROOF

RAFTERS 5 x 2 C16 @ 400c
CEILING JOISTS 4 x 2 C16 @ 400c
270mm Rockwool over ceiling joists
0.16W/m²K

FIRST FLOOR - Timbers to be supported off joist hangars between new and existing gable walls. To be doubled up under Partition walls
TIMBER SIZES: 7x2 C16 @ 400c

Lines of drainage could not be fully determined. New drainage runs to be agreed onsite with Building control prior to covering up

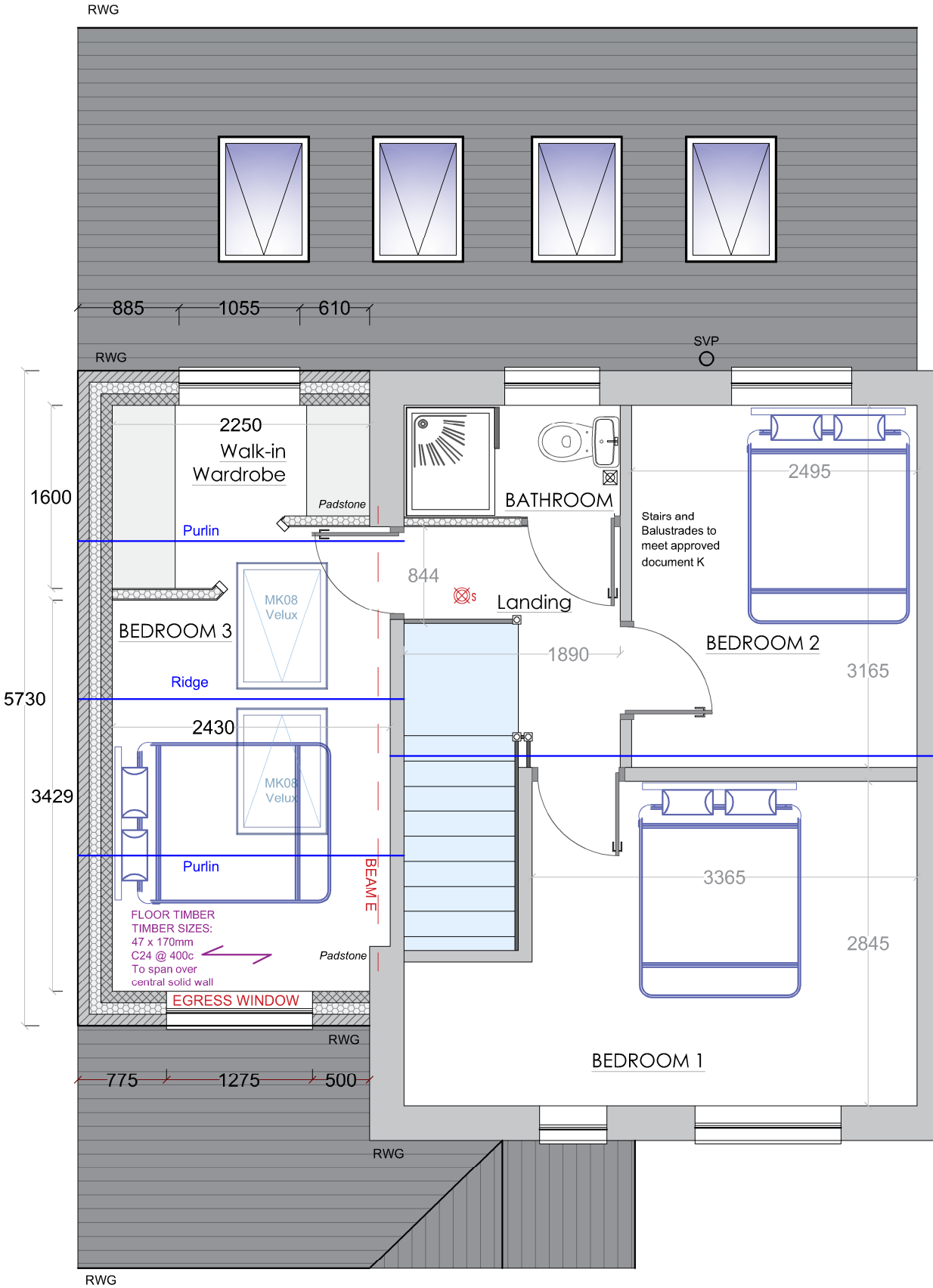
New and altered structural elements such as steelwork and bearings must be designed by a qualified structural engineer and complete calculations are to be provided justifying adequacy. Existing foundations to be assessed by BCO for suitability

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

Lines of drainage could not be fully determined. New drainage runs to be agreed onsite with Building control prior to covering up

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

30 Minutes Structural Protection Minimum



PROPOSED FIRST 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 3 Alscot Ave Liverpool L10 0AY	
WORK	TWO STOREY SIDE EXTENSION SINGLE STOREY REAR EXTENSION AND ALTERATIONS	DRAWING NUMBER 01.04	REVISION A
DRAWING	PROPOSED FIRST FLOOR	SCALE 1 - A3 1:50	