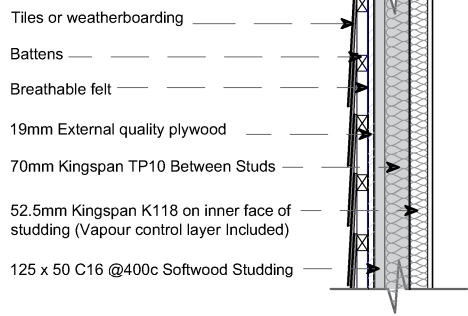


EXTERNAL DORMER WALLS

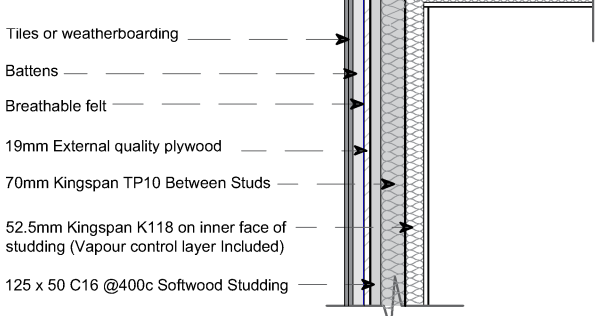
Dormer walls must achieve a U-Value of 0.18w/m²K
- Example Dormer Construction



Dormer walls to party wall side to be provided with additional superlux board or Promat masterboard to achieve required fire separation between the neighboring property.

EXTERNAL DORMER WALL - CORNER

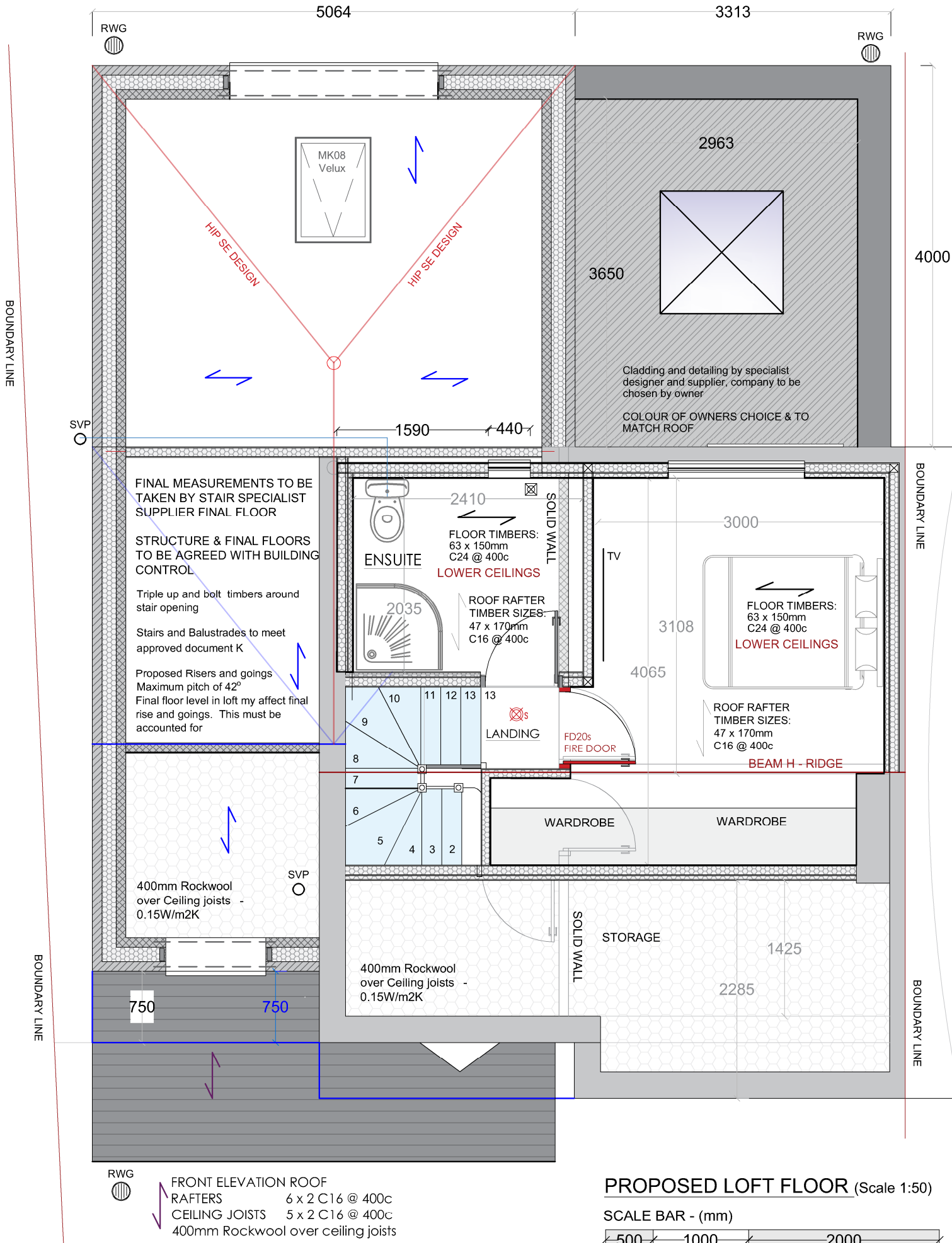
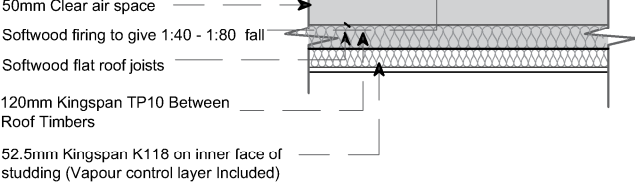
Dormer walls must achieve a U-Value of 0.18w/m²K
- Example Dormer Construction



Dormer walls to party wall side to be provided with additional superlux board or Promat masterboard to achieve required fire separation between the neighboring property.

DORMER ROOF

Dormer walls must achieve a U-Value of 0.15w/m²K
- Example Dormer Construction



MAIN ROOF - TRADITIONAL ROOF
TIMBER SIZES:

RAFTERS 7x2 C16 @ 400c

Ridge & HIPS - SE DESIGN

CEILING JOISTS 7 x 2 C16 @ 400c (Span gable to gable) with laddering using hangars to last ceiling joists to provide triangulation and restraint against spread on roof rafters.

FIRST FLOOR SIDE - Timbers to be supported off joist hangars between new and existing gable walls. To be doubled up under Partition walls

TIMBER SIZES: 6x2 C16 @ 400c

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

New sockets and spot lights to owners design - Part M

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

30 Minutes Structural Protection Minimum

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

Dormer walls to party wall side to be provided with superlux board or Promat masterboard to achieve required fire separation between the neighboring property.

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

All walls and floors to the protected route are to achieve half an hour fire resistance. This may involve over-boarding walls and ceilings in plasterboard. A protected route requires all the doors and frames off the route to be fire resistant. A minimum FD20 is required. Intumescent strips are to be installed in the frame or door. These expand if exposed to fire to prevent fire spreading into protected route to help people escape.

Planning Note: Dormer, loft conversion will be built under permitted development and will not form part of this application

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 44 Gladstone Ave Liverpool L16 2LQ	
WORK Erection of Double storey side and rear extension, Single storey rear extension to dwelling house.		
DRAWING Proposed First Floor	Number 01.06	REVISION A
	SCALE 1 - A3 1:50	