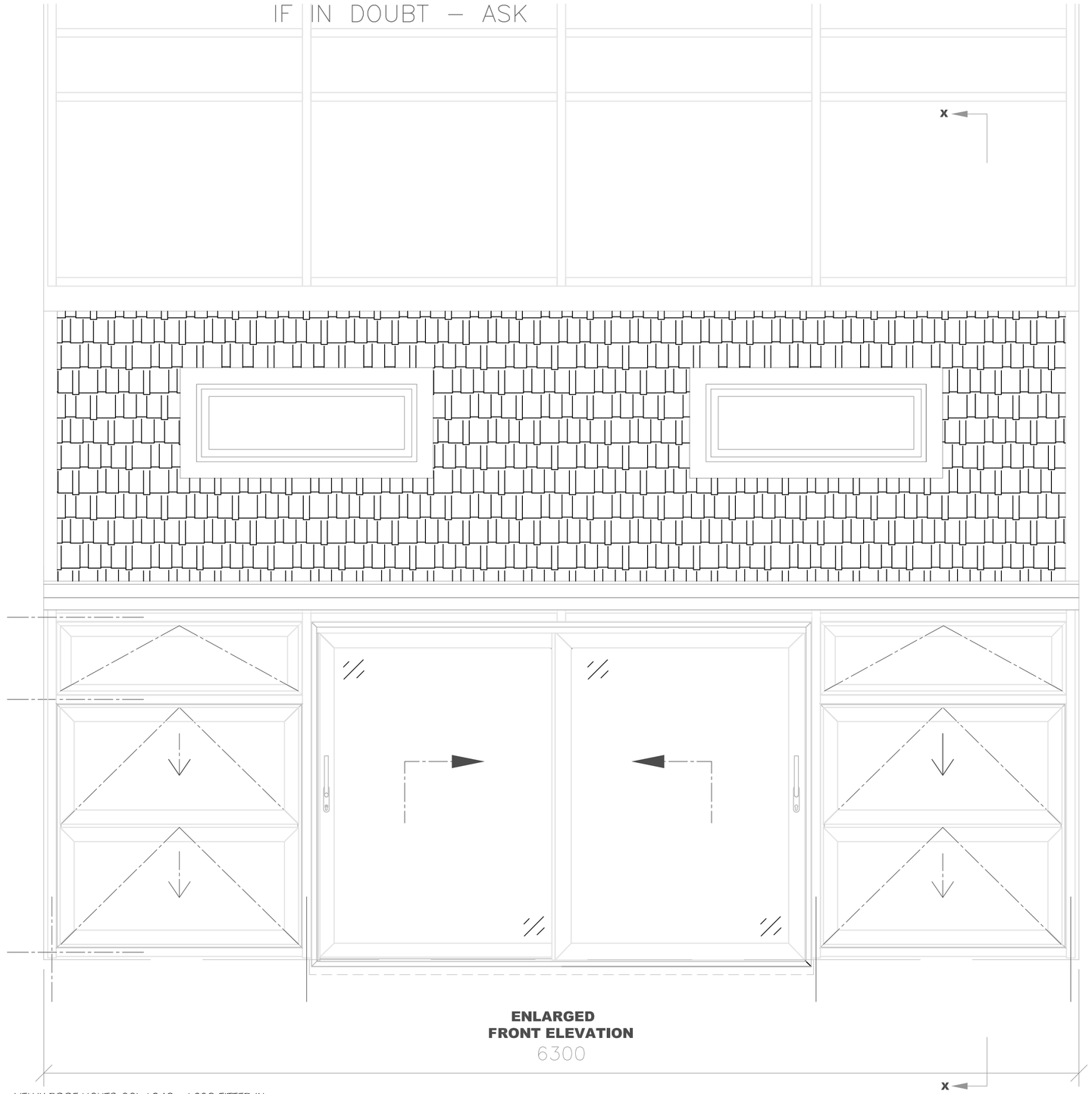
IF IN DOUBT – ASK

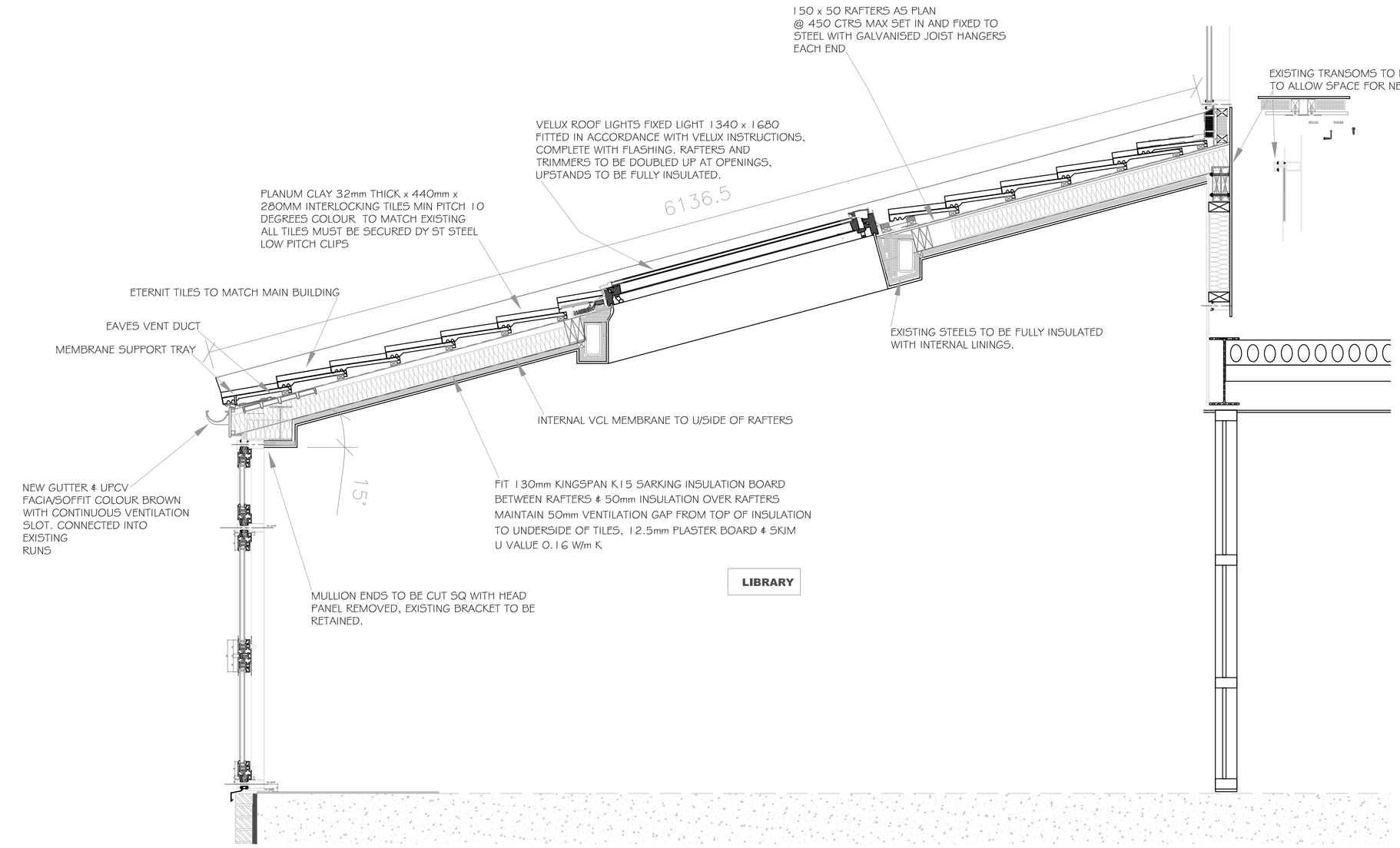
ALL DIMENSIONS ARE IN MILLIMETRES



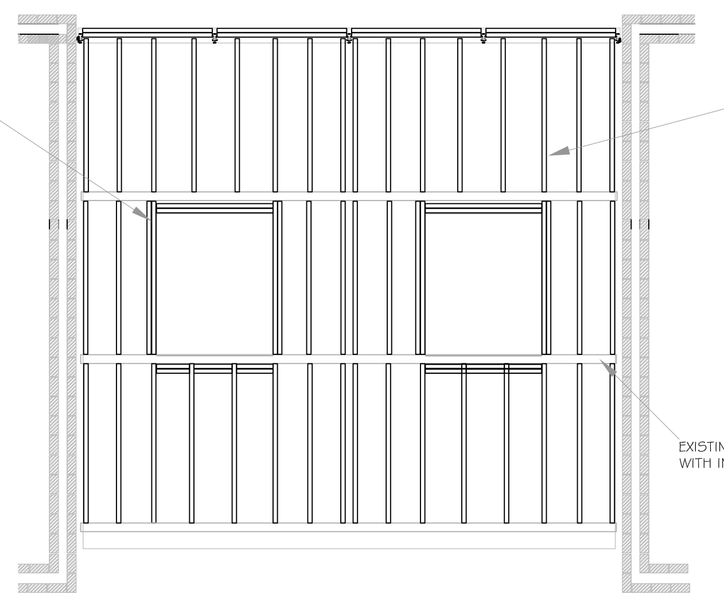
ENLARGED FRONT ELEVATION

6300

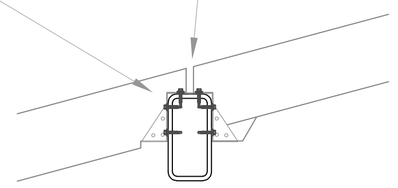
VELUX ROOF LIGHTS GGL 1340 x 1680 FITTED IN ACCORDANCE WITH VELUX INSTRUCTIONS, COMPLETE WITH FLASHING. ELECTRICAL OPERATION. RAFTERS AND TRIMMERS TO BE DOUBLED UP AT OPENINGS, UPSTANDS TO BE FULLY INSULATED.



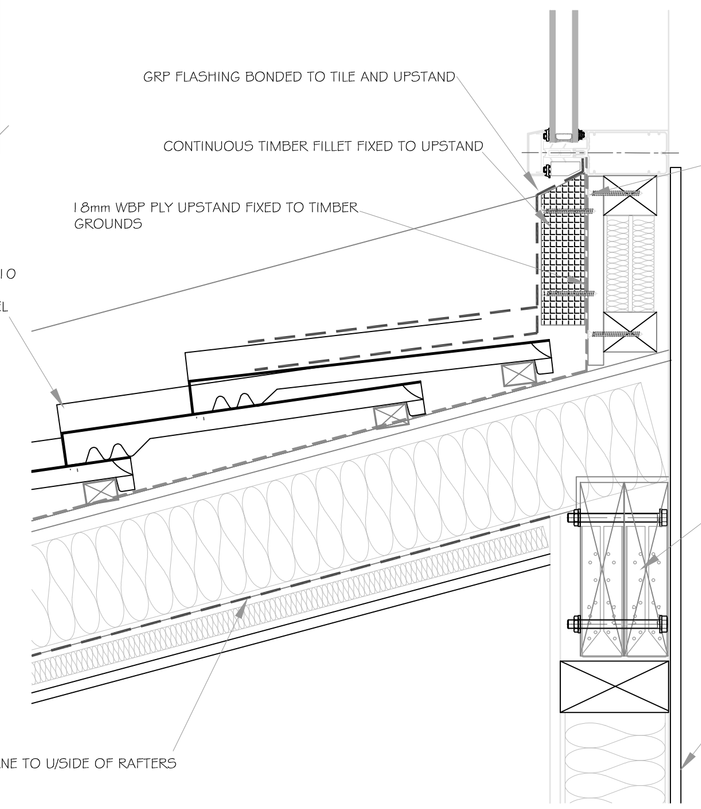
SECTION X-X (1:20)



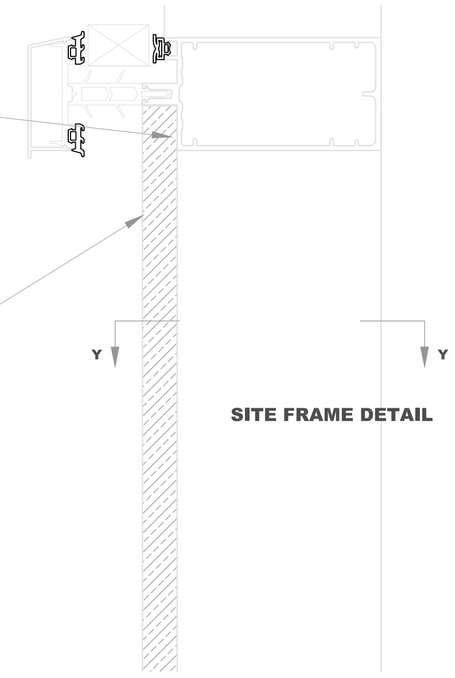
ROOF PLAN (1:50)



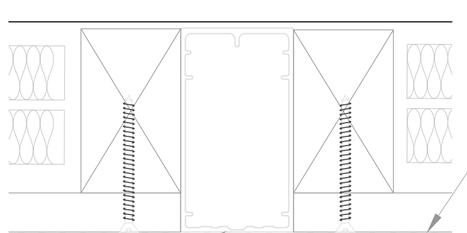
RAFTER CONNECTION TO STEEL



ROOF AND CURTAIN WALL INTERFACE DETAIL



SITE FRAME DETAIL



SECTION Y-Y (1:2)

NOTE ALL DIMENSIONS ARE APPROXIMATE

ALL STRUCTURAL ELEMENTS MUST BE VERIFIED AND SUPPORTED WITH A FULL SET OF FULLY APPROVED CALCULATIONS

ROOF CONSTRUCTION (BS 5534: part 1 2018 & BS 8000 pt6 1990)

Pitched Roof Construction with Interlocking concrete roof tiles to match existing. Tiles to suit roof pitch, fixed to 30 x 25mm tantalised softwood battens on on tyvek breathable membrane to BS747 on 50mm x 150mm rafters at 450mm centers, all braced and strapped to structure. Provide 130mm Kingspan K15 insulation board between rafters and 50mm board over rafters, maintain 50mm ventilation gap between insulation and u/side of tile, to achieve 0.16W/m 2. Ceiling to be 12.5mm plasterboard with 5mm skim to finish to underside. Roof space ventilated with a continuous 25mm gap at fascia level to ensure cross ventilation.

Lateral support to roofs and walls Wall plates to be anchored down to blockwork by 30 x 5mm mild steel holding down straps at 2m cl. Pitched roof members to be suitably anchored by 'bat' or 'catnic' mild steel anchors 30 x 5 x (length to equal span over 3 no. joists or rafters) to the supporting wall at intervals of 1.2m cl. and in accordance with BS CP111 Part 2, 1970. Noggins and packing to be half depth of rafters x 38mm minimum.

Rainwater Goods Provide 100mm diameter PVC guttering to BS3506 to be suitable fixed at eaves facia board by brackets at 600mm cl, with 1:40 minimum fall outlet into 63mm diameter PVC rainwater pipe to proposed gully.

https://s3.eu-west-2.amazonaws.com/uploads-7e3kk3/30162/velux-studio-layered_v2.fc93bc2389a9.gif

ISSUED FOR PLANNING APPROVAL	RP	20/2/21	REV. A

Drawing Title
PROPOSED ROOF ELEVATIONS AND PLANS

Location
The Moorings
Lytham St Annes

Scale	1-20	Drawn	RDP	Date	20/2/21
Drawing No.	21/5	Sht.	2 OF 2	Rev.	A

A1