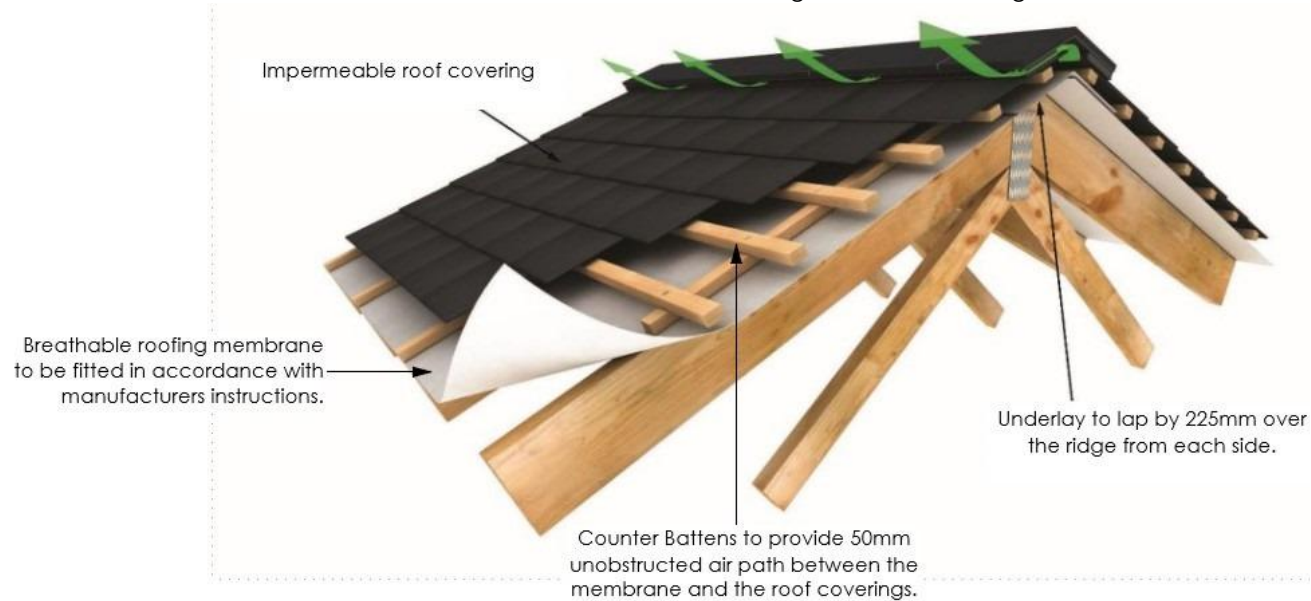


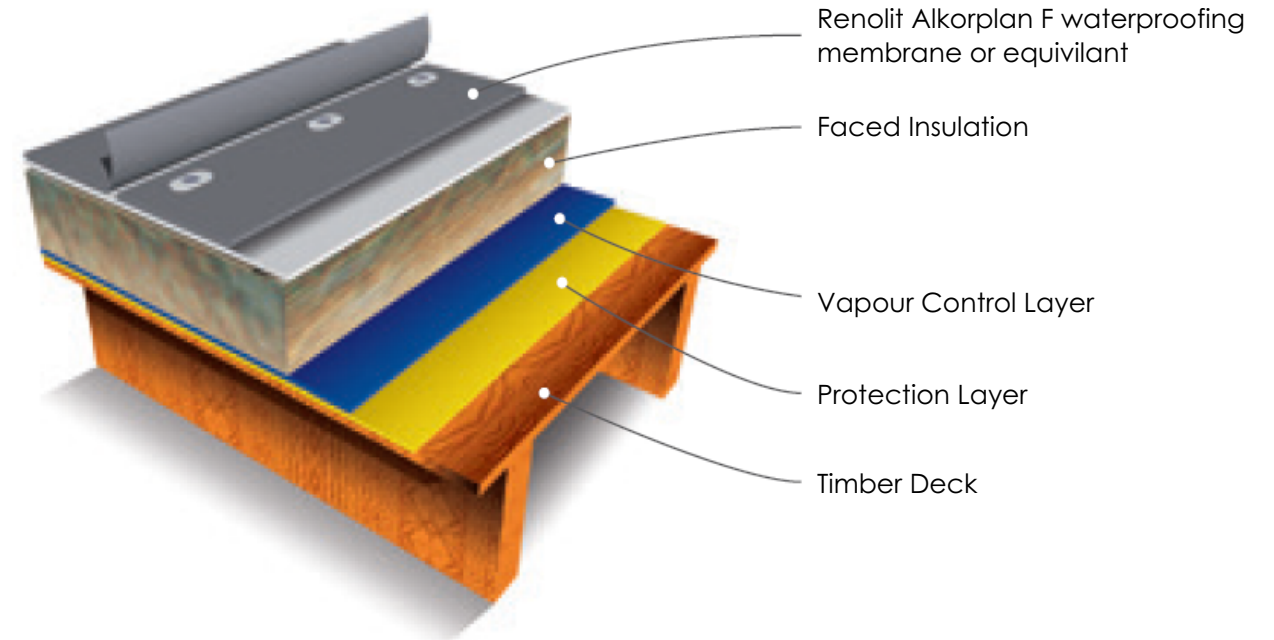
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Provide Locherne Concrete Roof Tiles or equivalent to ensure suitability with 18° pitch roof on battens and counter battens on the existing roof truss. All to be in full compliance with S.R.82-2017 and TGD Part F - Ventilation - Section 2 - Condensation in Roofs and with BS5250. To include for ridge ventilation throughout.

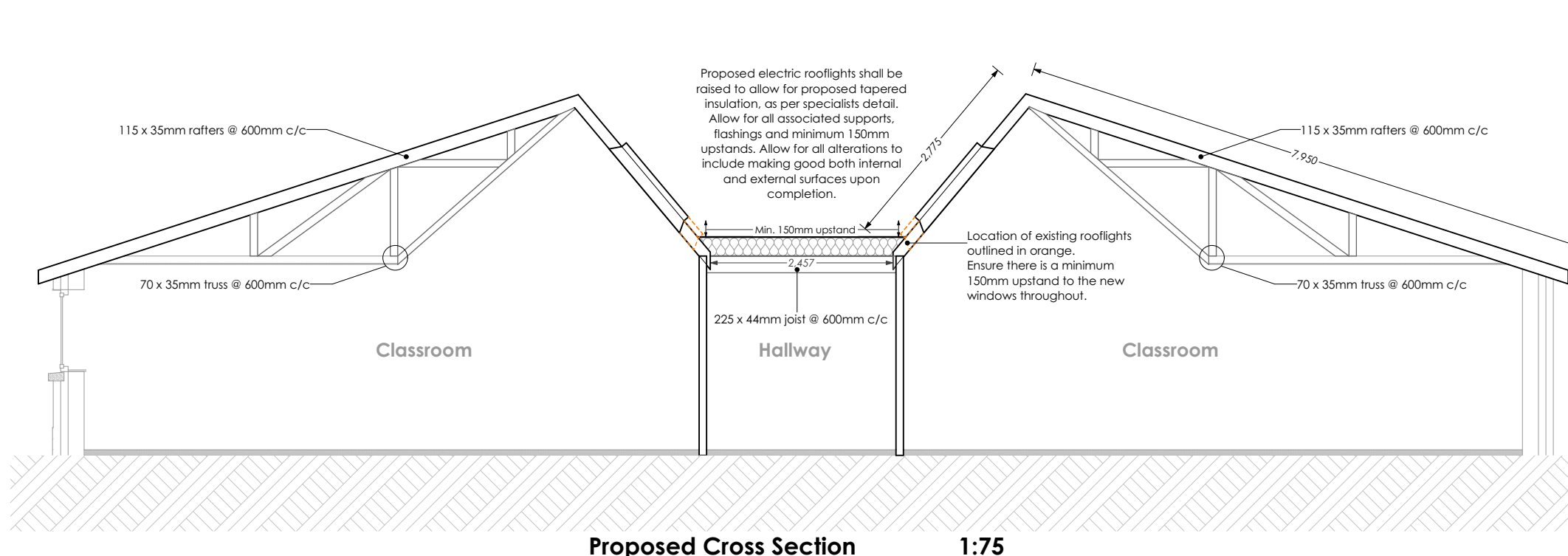


Typical Roof Construction Detail

Timber (warm roof)



Typical Warm Roof on Timber Deck Detail



Proposed Cross Section 1:75

All asbestos containing material shall be disposed of at a licenced facility.

Allow for Vapour permeable underlay. Roof structure to be constructed in compliance with the requirements of S.R. 82:2017 and TGD Part F - Ventilation - Section 2 - Condensation in Roofs and with BS5250

Windows/Rooflights

Provide new electric Velux rooflights or equivalent to pitched roof, to include for wall switch with open/stop/close functionality. Allow for all associated supports, flashings and minimum 150mm upstands.

Provide new Alkorplan PVC Rooflight or equivalent to flat roof, to include trickle ventilation. Allow for all associated supports, flashings and minimum 150mm upstands.

Finish and style of windows/rooflights to client specifications. Openings to windows to be as indicated on the drawings unless otherwise approved. U-value to all windows in accordance with current building regulations and to energy specialists specification. All window openings to be in compliance with the latest building regulations and thermal bridging regulations.

Roof Construction - Pitched Roof

Provide counter battens to existing roof to provide a 50mm unobstructed air path between the membrane and the new roof covering.

Provide new Locherne Concrete Roof Tile or equivalent to ensure suitability with 50° & 18° pitch roof. Colour to match existing roofs in full compliance with S.R.82-2017. To include for ridge ventilation, flashings, upstands, etc. throughout.

Flat Roof Construction

Provide new Alkorplan roof covering or equivalent to specialists detail on Kingspan Thermataper or equivalent insulation to current building regulations on bitumous vapour control layer on 18mm T@G OSB board decking. Mechanically fixed to deck with all laps heat welded. Provide 300mm min. upstand insulation (measured from the bottom of the flat roof insulation) to the outside face of the parapet wall. Provide for all flashings, drip profiles, fillets and upstands. Provide adequate falls to outlets. Allow for formation of drainage channels and hoppers with associated flashing to discharge to new rainwater goods and connection to existing on site drainage.

All work to be in accordance with DoEHLG Acceptable Construction Details & in full compliance with S.R.82-2017.