

Detail Notes:
Stella Rooflight actuated rooflight requires bespoke design according to project requirements. Suitable for a pitched roof between 17 and 70 degrees.

Roof Construction to achieve a 'U' Value compliant with local regulations. Potential thermal bridge area at joist support overcome by installing overlapped high performing rigid insulation or similar to 38mm ceiling batten zone extended a minimum 750mm all round aperture. A rigid insulation is a highly insulated block that helps to eliminate cold bridging at junctions.

Vertical standing seam finish with panels spaced at approx 430mm c/c. See manufacturers guidelines for fixing.

Marine grade Sarking board laid with min. 5mm ventilation gaps inbetween each boards.

Flashing over support boards and over the skylight weathering blades, with standing seam lapped over flashing

Timber structure to be designed and approved by the structural engineer

High thermal performance insulation to be installed around opening, to prevent thermal bridging.

Top edge of Apron flashing installed in line with the window opening timber studs. Copper nails to fix the center third of the apron flashing @150mm spacing

Apron flashing lapped and dressed over standing seam

Timber Tilt should be cut a min 100mm feathering from the depth of the depth of the batten to nothing

Breather membrane, lapped under standing seam and over sarking boards

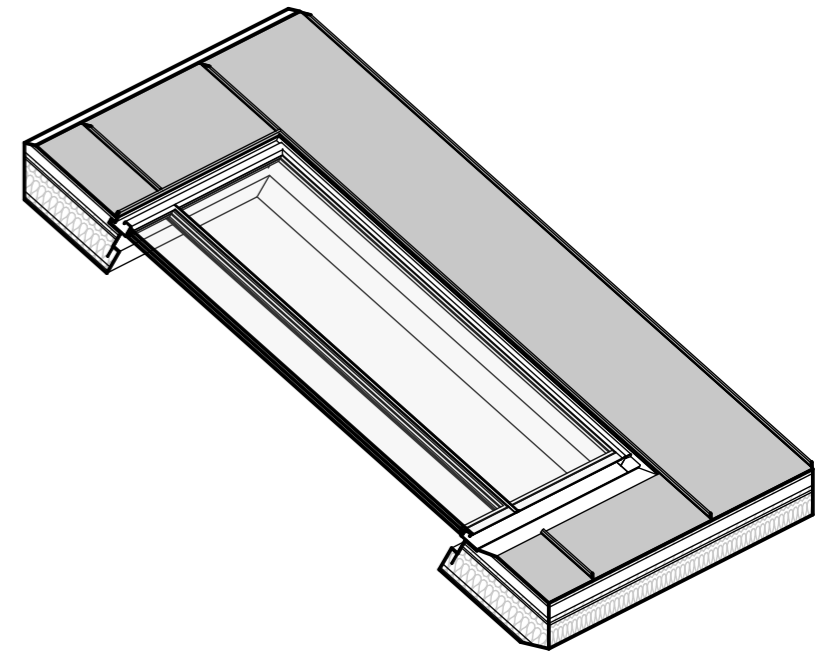
50mm Battens creating a min. 50mm ventilated cavity zone

18mm Marine grade plywood over structure

140mm Celotex insulation or similar approved between rafters. With an additional 25mm Celotex insulation between service void studs. Insulation to achieve 0.15 W/m2K

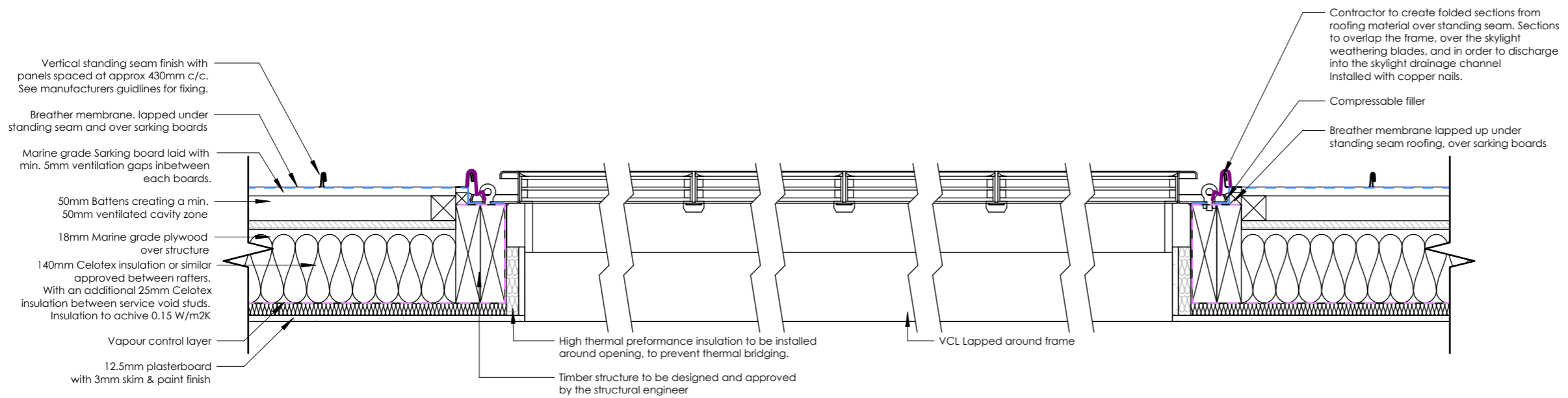
Vapour control layer

12.5mm plasterboard with 3mm skim & paint finish



1 Stand & Seam - MGL4014A_Triple Glazed Fixed - SECTION B

1 : 10



Scale = 1:10@A3



4 Stand & Seam - MGL4014A_Triple Glazed Fixed - SECTION A

1 : 10

Date: 27/04/2024

MGL4014A - Stand & Seam

Client:

Stella Rooflight Ltd

Title:

Bespoke Opening Conservation Roof Window - Triple Glazed Fixed - STAND & SEAM

REF: MGL3435A

Material: 316L ST STEEL

Finish: Bead Blast & Powder Coat Textured Black Seal/Sealant Colour: Black/Black

Part Type: Manufactured

Weight: 151kg

Project No. 1003

Drawing No. 003

Drawn By: HRH

Rev: Rev1

1 : 10 @A3