

AIR INFILTRATION

Air infiltration to be limited by means of

- a. securely sealing all VCL's with manufacturer approved tape or sealant.
- b. sealing dry lining junctions between walls, ceilings and floors at window, door and roofspace openings.
- c. Properly aligning/adjusting opening lights to ensure adequate compression of draft stripping of windows, doors and rooflights.

ROOF SPECIFICATION
Extension and dormer

Sarnafill G410 1.8mm single ply roof membrane with welt joint details, colour grey on 18mm plywood on 200mm celotex XR4000 on polythene 1000 gauge fully VCL on 18mm plywood on tilting fillets on 150x50mm rafters at 450mm crs roof pitch to be 10 degrees ceiling finish to be 12.5mm plasterboard finish with joints taped and filled. U-Value to be no greater than 0.13W/m²K.

Cavity trays to be fitted where roof abuts external cavity wall
Include a vapour control layer between the insulation and the plasterboard ceiling.
Provide a suitable lead flashing to abutments.
Provide a minimum fall of 1:80 to drain the flat roof.
Ensure that the roof covering is manufactured to BS 747:2000 or BS EN 13707:2004

600x600mm flat roof window as supplied by Velux and installed as per instructions

NOTES:

Ensure that roof membrane application, size and number of overlaps and fixings are all in accordance with roofing manufacturers recommendations.

Hot welding is not permitted on the VELUX upstand or window. However, where hot welding is required around the upstand or window:

ensure that VELUX window and upstand are suitably protected to adjacent hot weld fixing

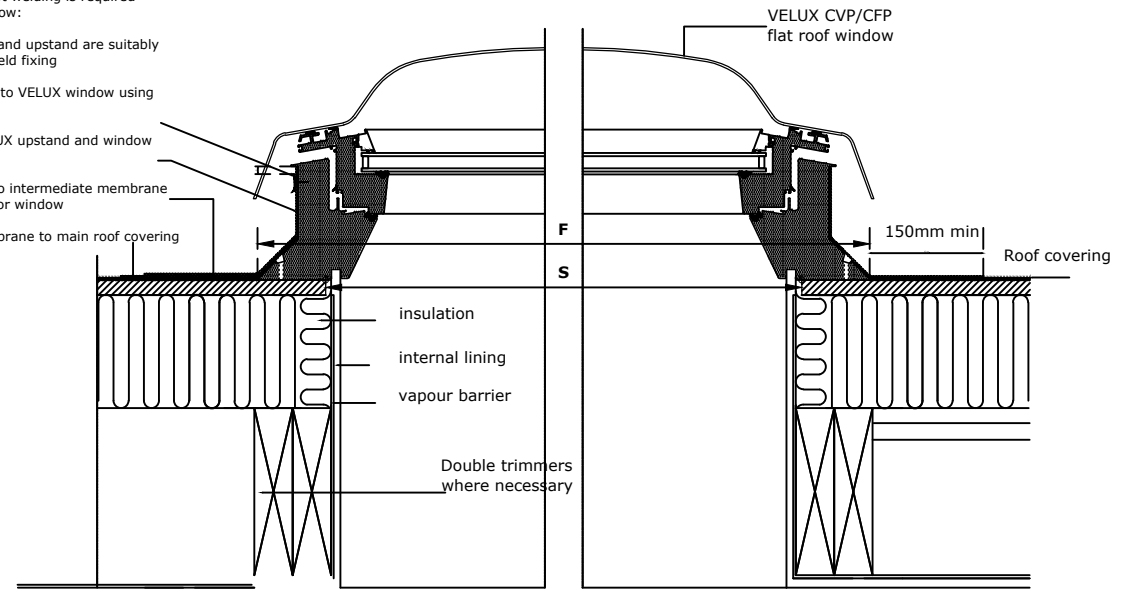
mechanically fix membrane to VELUX window using VELUX clip ref: ZZZ 210

fix cover membrane to VELUX upstand and window using approved adhesive

hot weld cover membrane to intermediate membrane but NOT to VELUX upstand or window

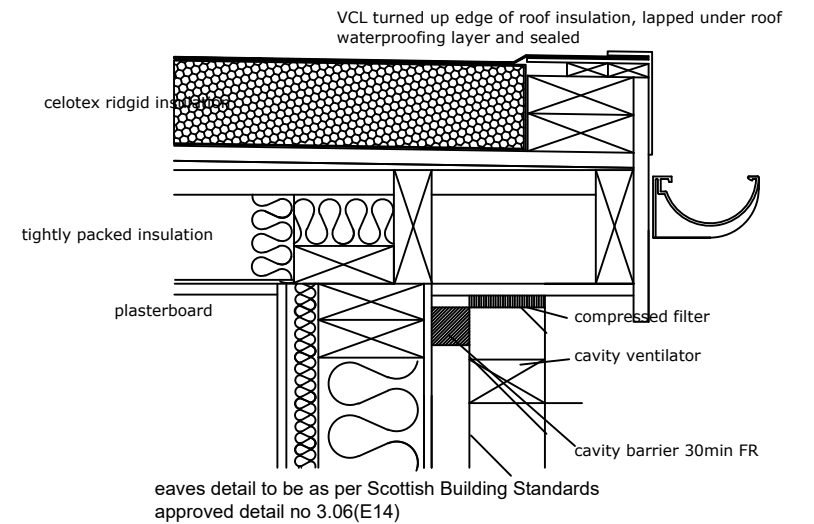
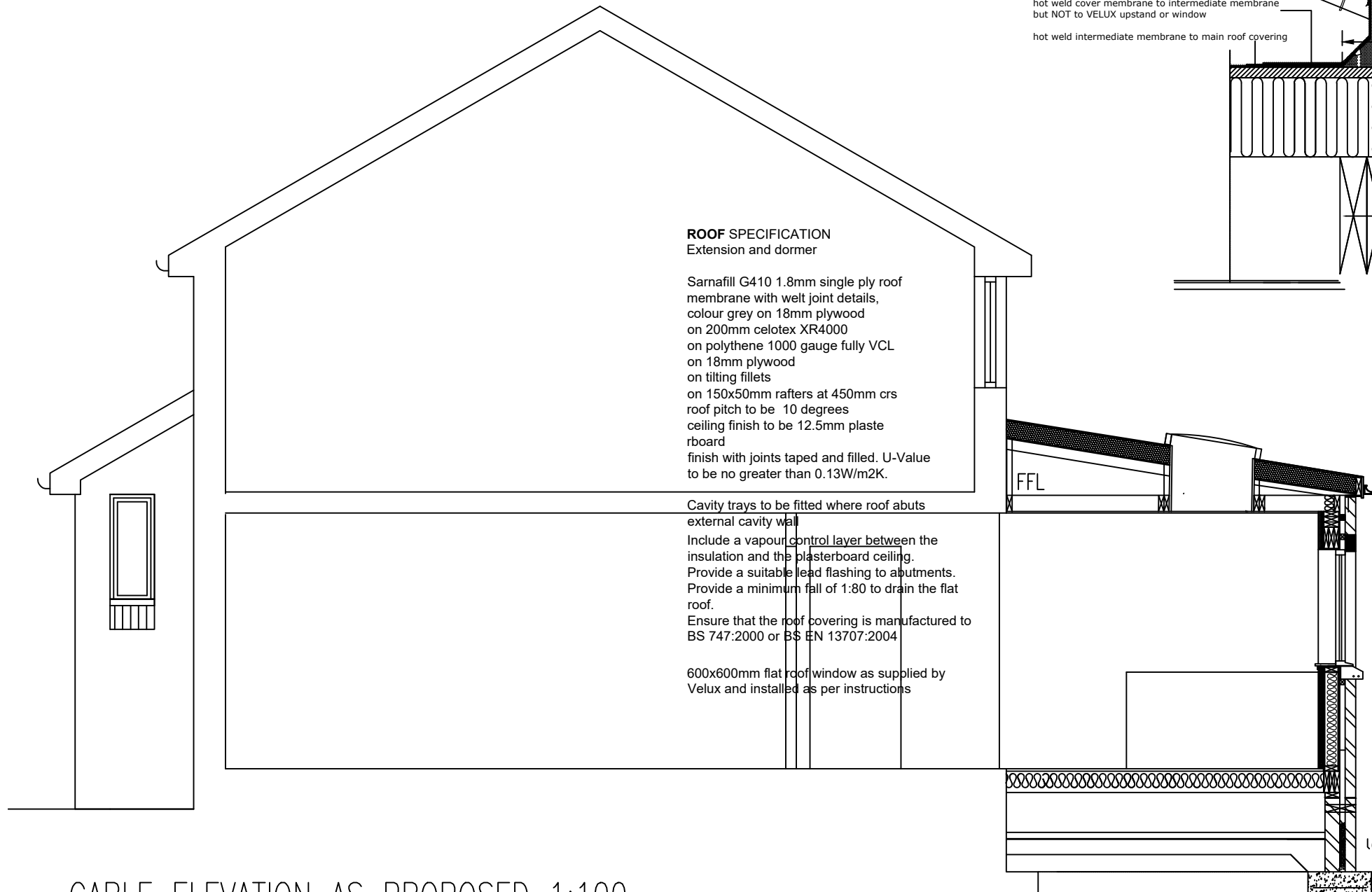
hot weld intermediate membrane to main roof covering

Section A-A
1:5



NOTES:

1. THIS DRAWING MUST NOT BE SCALED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS.



GABLE ELEVATION AS PROPOSED 1:100

PROPOSED EXTENSION TO
47 CRANNOG WAY
KILWINNING

DRAWING NO - 04