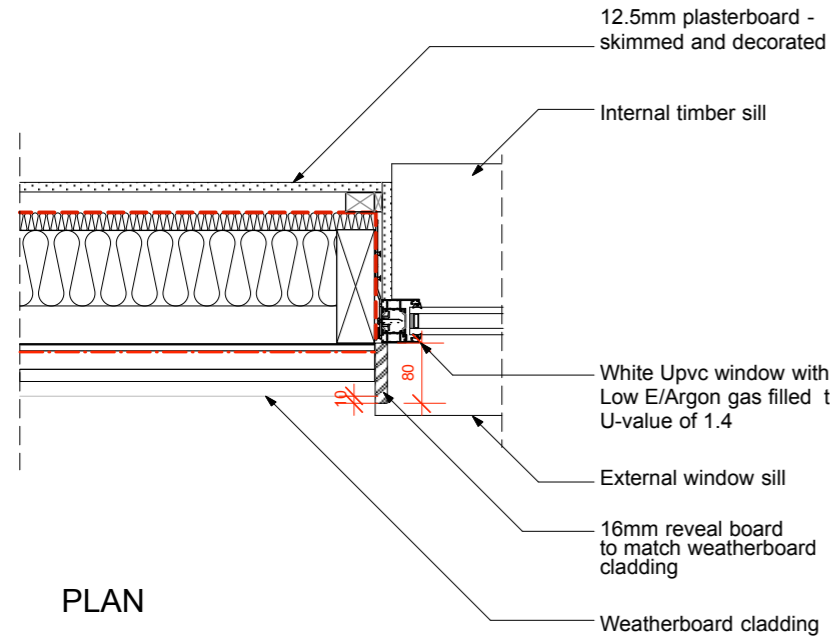


Pitched Roof Build Up - Insulation at Rafter Level -
 To provide U-Value of 0.15 W/m2K.
 (Min. standard for new thermal elements BR_Part L1B 0.15 W/m2K)
 Redland Norfolk Pantiles - to match existing
 25 x 38 mm treated softwood battens
 Breather membrane
 Rafters: 150 x 50 C24 @ 400mm C/C'S to SE's specification - with
 100mm Celotex GA4000 rigid insulation boards between rafters
 (or equal and approved)
 60mm Celotex GA4000 rigid insulation boards below rafters (or equal and approved)
 1000 gauge vapour control layer
 2 x 12.5mm plasterboard - skimmed and decorated



PLAN

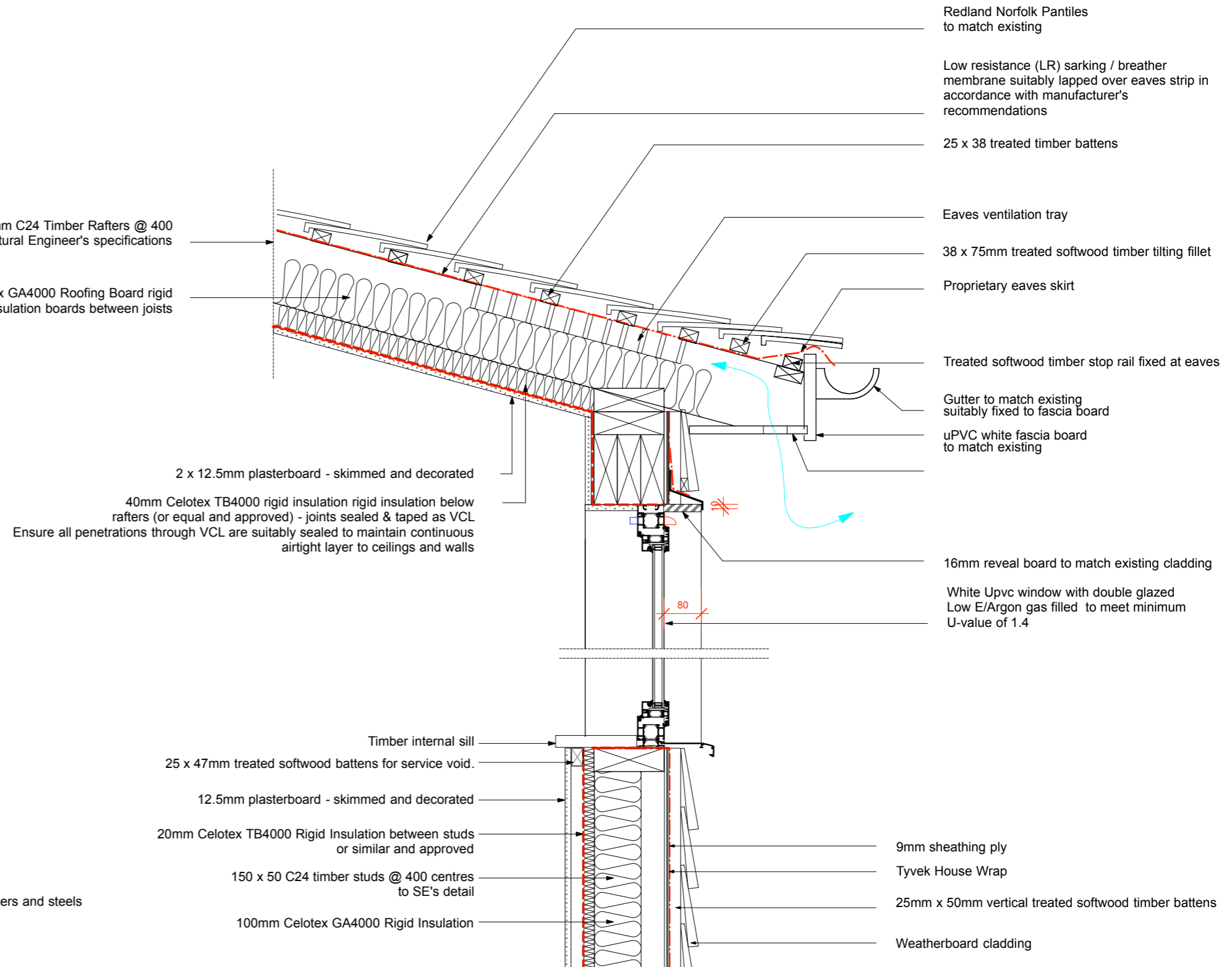
External Wall Build Up - Timber frame - To provide U-Value of 0.18/m2K.
 (Min. standard for new thermal elements BR_Part L1B 0.18 W/m2K);

Weatherboard Cladding-
 25mm x 50mm vertical treated softwood timber battens
 Tyvek House Wrap
 9mm sheathing ply
 150 x 50 C24 timber studs @ 400 centres with
 100mm Celotex GA4000 Rigid Insulation between studs or similar and approved
 20mm Celotex TB4000 Rigid Insulation to the inside of studs or similar and approved
 1000 gauge Vapour control layer
 25 x 47mm treated softwood battens for service void.
 12.5mm plasterboard finish - skimmed and decorated

FIRE RATING:
 All load bearing structure requires 30 minute fire protection.
 2 x 12.5mm Gyproc Fireline plasterboard or equal and approved to ceiling provides 30 minutes of protection to rafters and steels

NOTES:
 Allow for moisture resistant Gyproc plasterboard to all wet areas.
 Ensure plasterboard joints are staggered by at least 600mm where 2 layers of plasterboard are used.

TYPICAL WINDOW DETAILS



SECTION



Äröland
 Design

3 Church Walk
 Sawbridgeworth
 Herts CM21 9BJ

07884294779

Revisions:

Project: 8A Widford Road, Hunsdon, Ware SG12 8NW
 Drawing: Proposed Window Details
 Date: May 2023

Status: Building Control
 Scale: 1:10@A3
 Drawing No: 0356-1503-BC