

General roof strip & new roof build up notes:

- Roof strip & removal:
- Concrete interlocking roofing tiles.
 - Tiling battens.
 - Roofing felt.
 - Insulation flexible quilt between rafters.
 - Internal timber hardboard lining fixed to underside of rafters.

Retain existing timber roof rafters and steel roof girder trusses & purlins.

- Proposed new roof build up:
- Existing timber rafters.
 - Envirograf FB Fire Barrier (Product 56) 1mm thick reinforced glass intumescent cloth. Laid out and staple fixed over rafters. Fixings - Staples: 10mm heavy duty s/s at 200mm centres along rafters.
 - 1000 gauge (0.25mm) polythene vapour control layer.
 - Kingspan Nilvent. 17 Breathable membrane.
 - 38 x 50mm treated s/w timber drainage vent counter battens fixed through insulation into existing rafters. Fixings: Helifix fixing, fixed down into existing rafters as Appendix F - Helifix insulation fixings Specification.
 - 50 x 25mm treated s/w timber tiling batten.
 - Roof System: Icopal Decra Classic Steel Tile. Finish: Stone chips embedded in acrylic resin. Allow for all special tiles to complete roofing system.

General roofing notes:

- Warm Roof Structure - Control of Condensation to Decra Classic System:
- Ventilation Requirements:
 - Ridge level ventilation: Continuous 5mm air path gap.
 - Eaves level ventilation: Continuous 25mm air path gap.
 - Ventilation provisions to be provided with Decra system products and to be installed in strict accordance with manufactures instructions and recommendations.

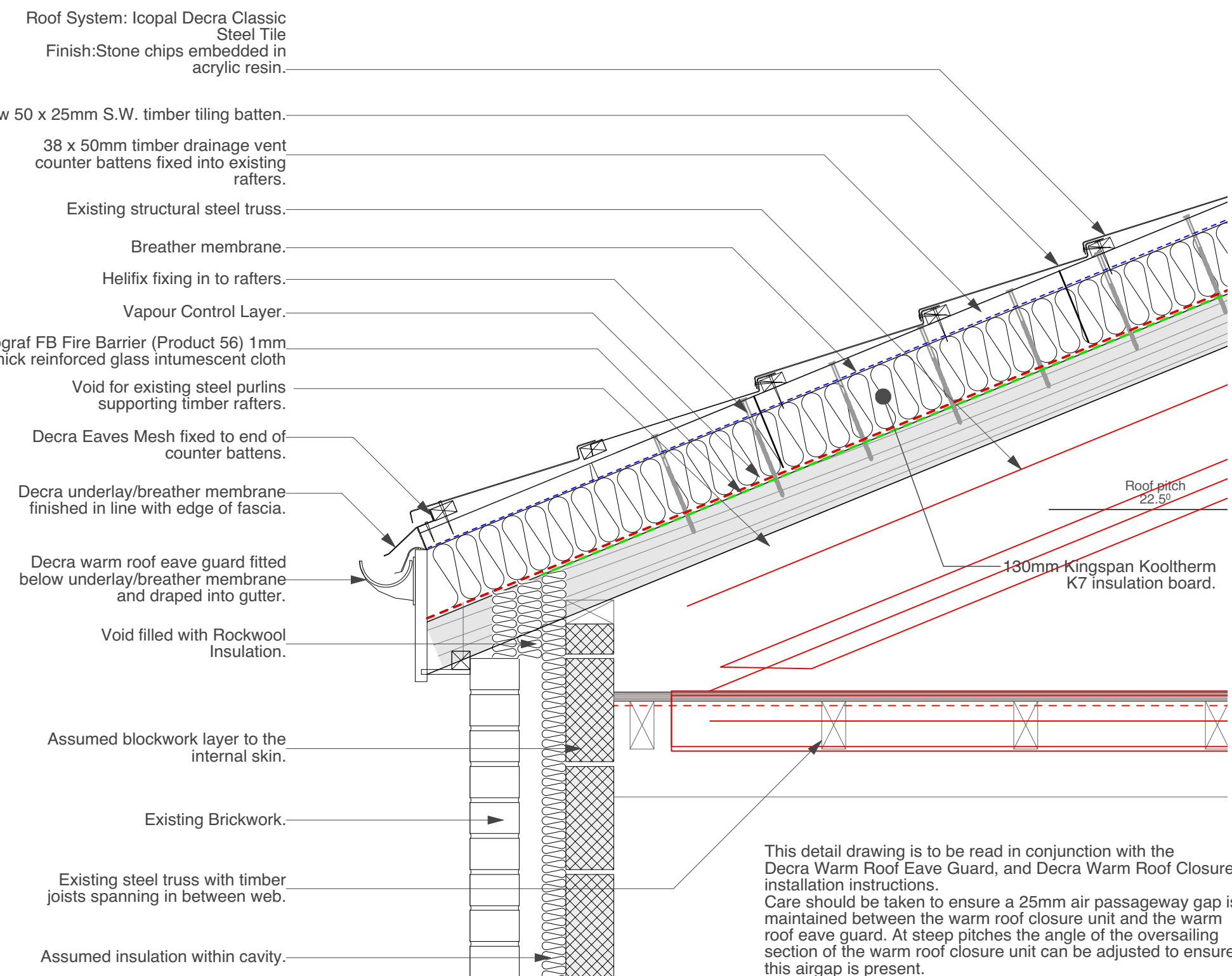
Construction phase - Manufactures site inspection & report:
Main contractor to arrange for manufactures independent site inspection at key stages for report and warranties.

This drawing must be read in conjunction with James Liston & Breathing Buildings drawings for details relating to the E-Stack Ventilation installation. Smith Fosters structural detail Drawing No. 25124-01 Roof GA.

Proposed Eaves Detail

TYPICAL ROOF CROSS SECTION - INDICITIVE

Scale 1:20 @ A0



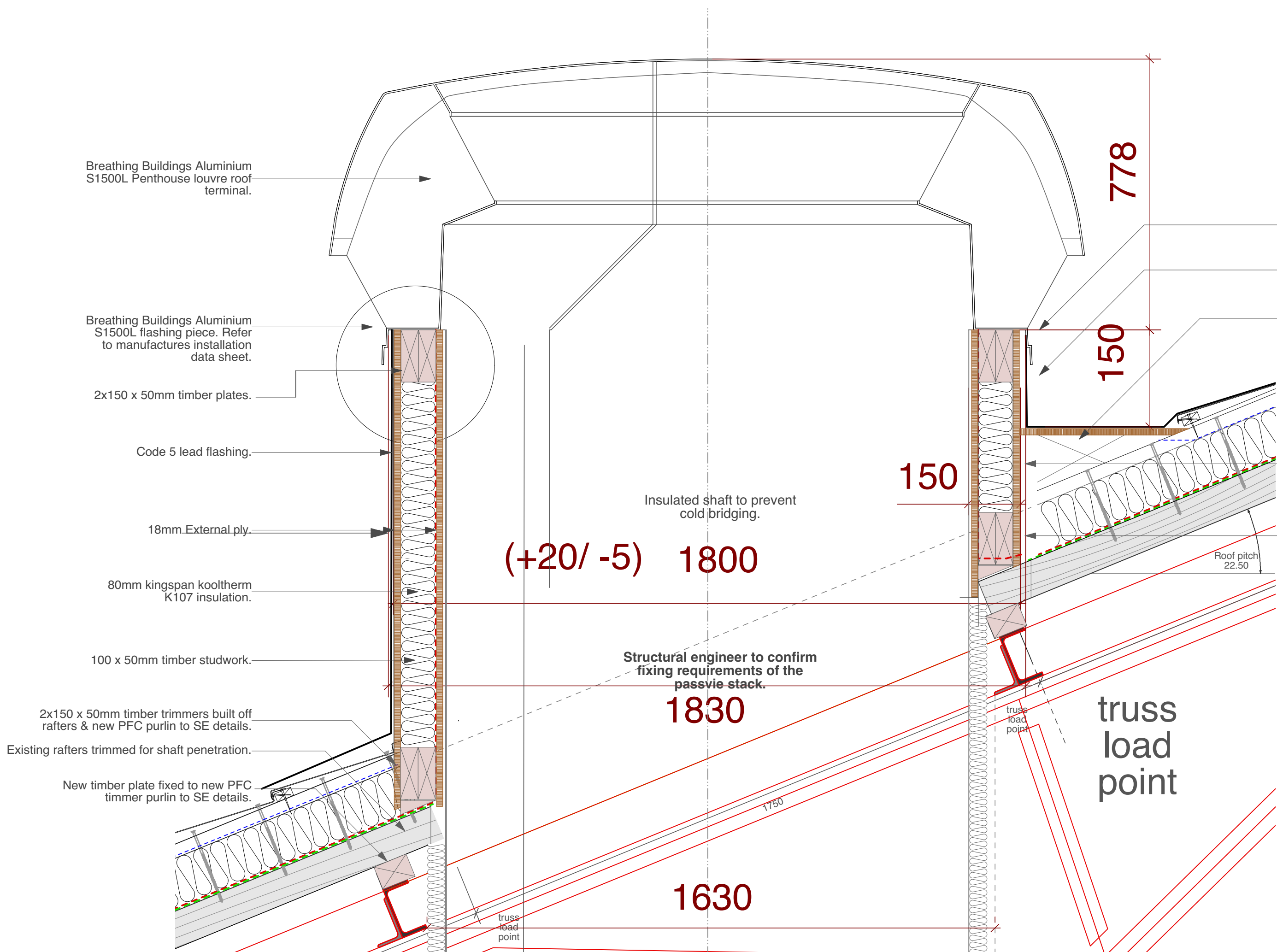
PROPOSED EAVES DETAIL - INDICITIVE

Scale 1:10 @ A0

PROPOSED ROOF SECTION



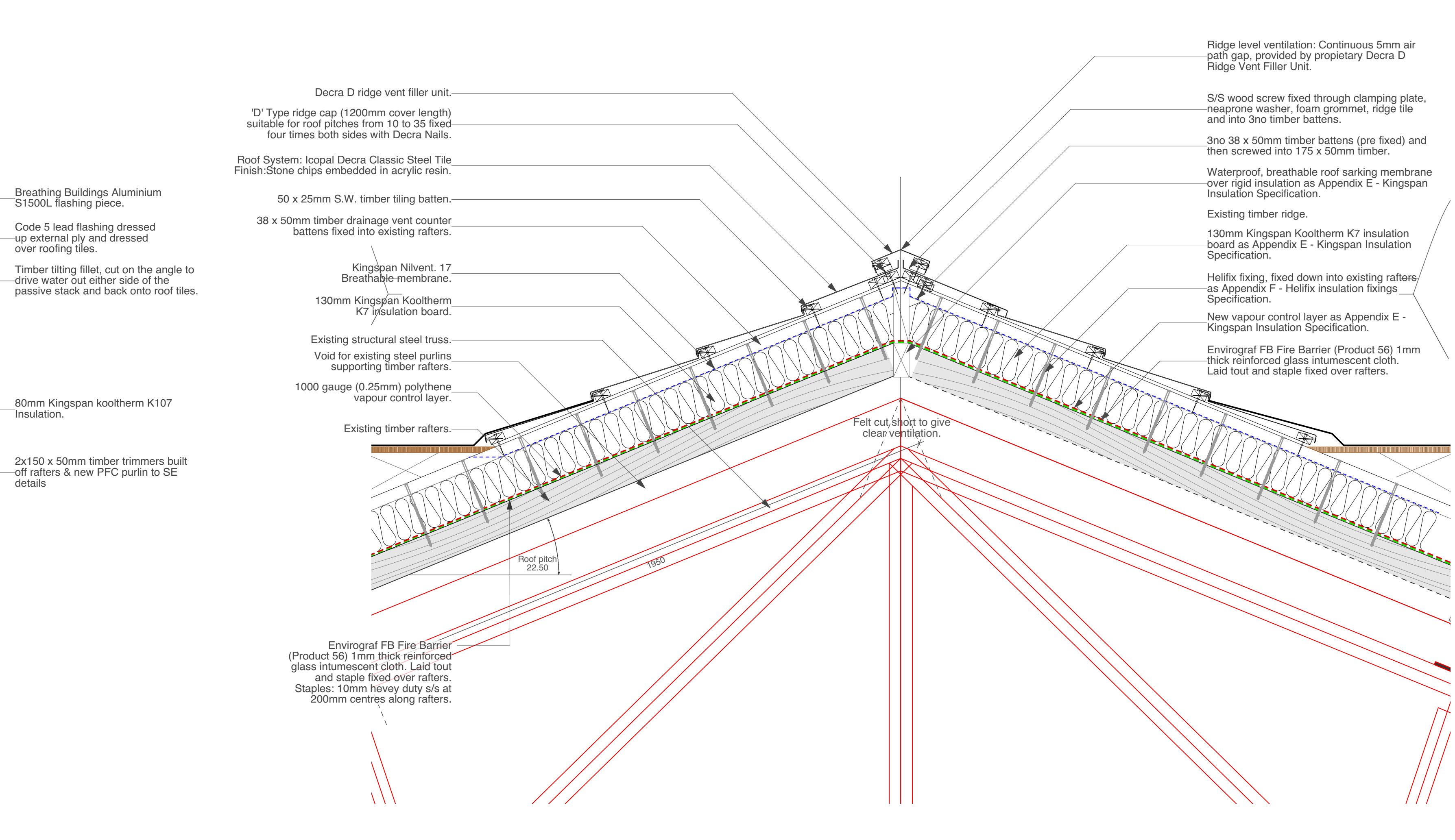
Scale 1:10 @ A0



PROPOSED PASSIVE STACK DETAIL - INDICITIVE

Scale 1:10 @ A0

Scale 1:20 @ A0



PROPOSED RIDGE DETAIL - INDICITIVE

Scale 1:10 @ A0



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Project
Compliance of Romero Block

Client
Oaklands Academy

Scale
1:50
Paper Size
A0
Filename
180767.vwx

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Do not scale this drawing

Rev	Date	By	Ap	Note
C4	04/09/19	DM	RM	Verge & gutter detail added.
C3	28/08/19	DM	RM	Mushroom terminal added Setting out added
C2	18/07/19	TC	DM	General Amendments.
C1	18/06/19	TC	DM	Revised to Construction status. Roof covering amended to Decra roof system.

Drawing Title
Proposed Roof Section

Project Number
180767-2004

Date
17/06/19
Drawn
DM
Checked
RM
Status
CONSTRUCTION

Revision
C4