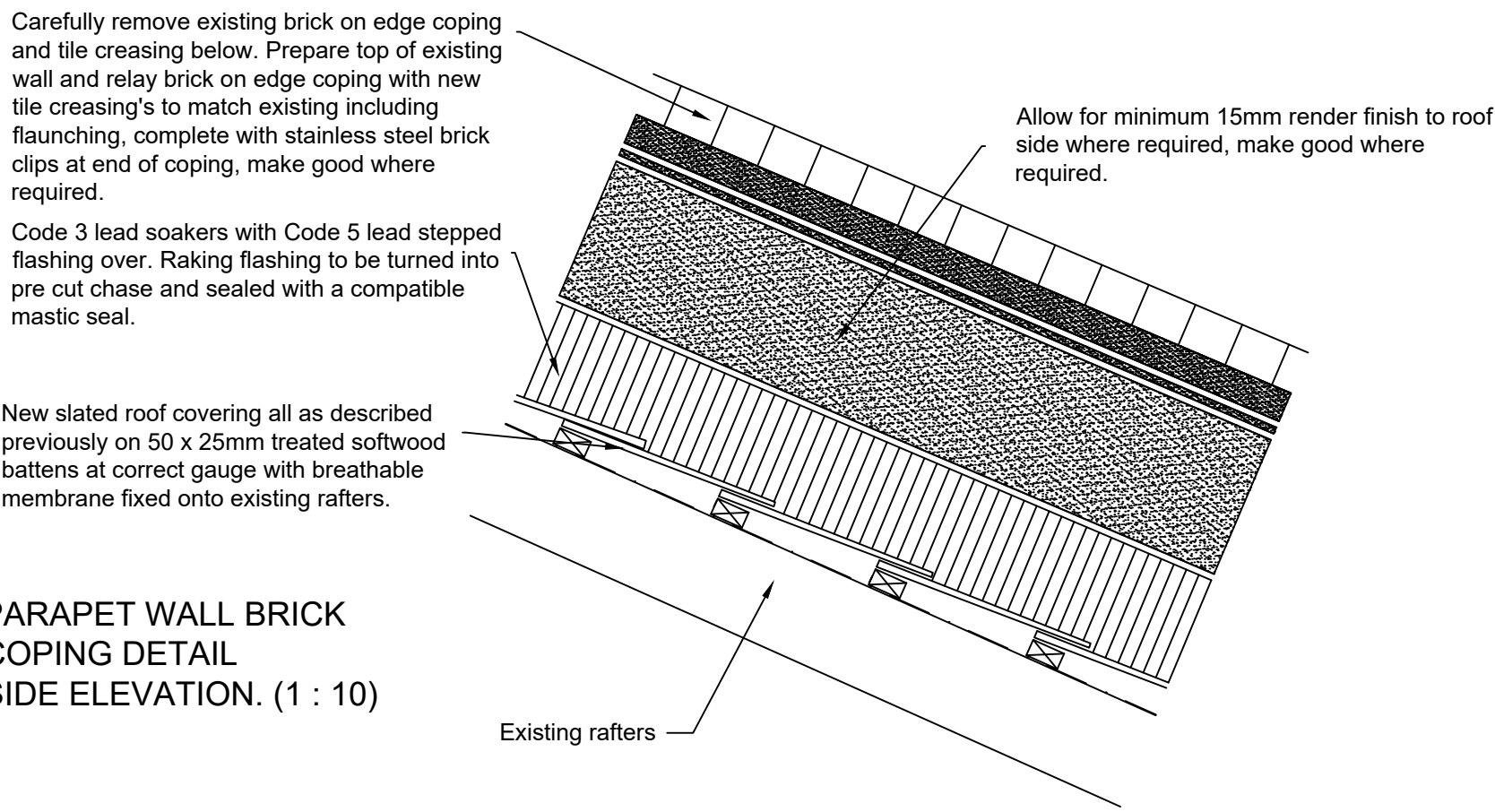
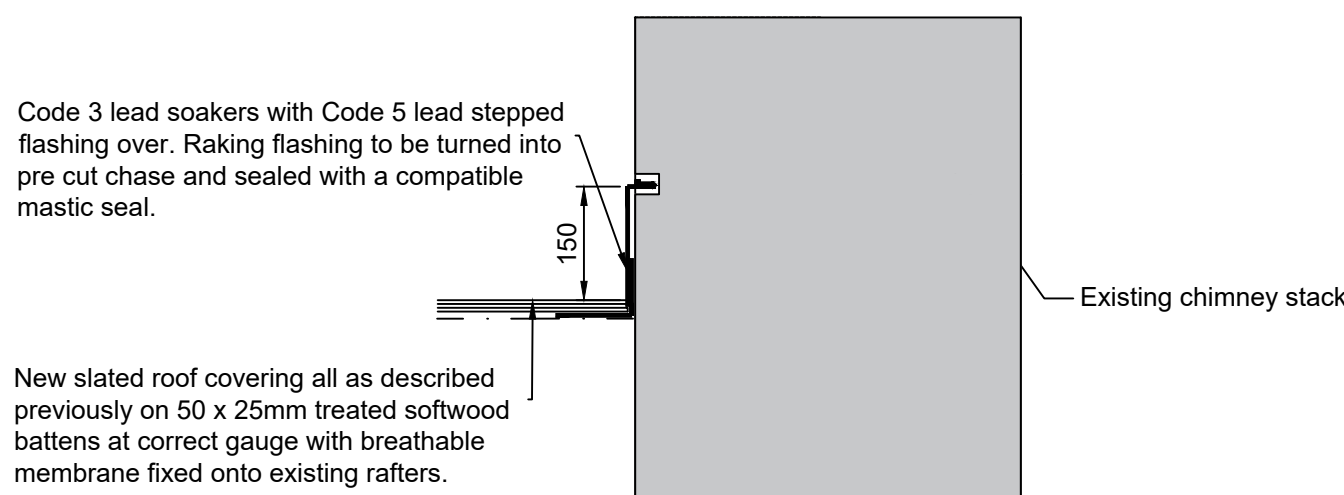


PARAPET WALL BRICK COPING DETAIL  
SIDE ELEVATIONS. (1 : 10)

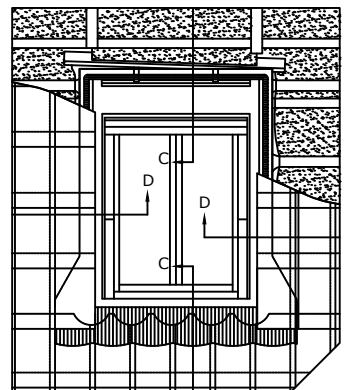


PARAPET WALL BRICK COPING DETAIL  
SIDE ELEVATION. (1 : 10)

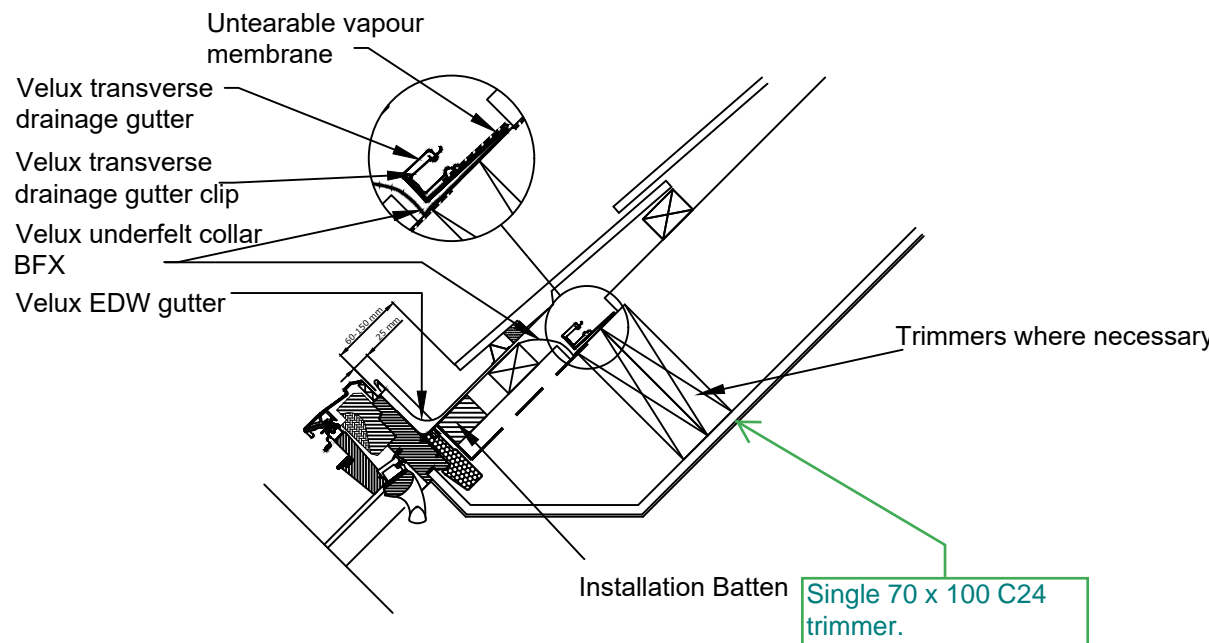


CHIMNEY STACK FLASHING. (1 : 10)

Velux conservation roof lights type FK06, size 660mm x 1180mm, double glazed, Centre pivot, including recessed installation for new slate roof covering and insulated collar with underfelt collar, all installed strictly in accordance with manufacturers instructions (or other equal and approved).



Velux Conservation  
Roof Light Plan  
Not to Scale



#### GENERAL NOTES.

##### Lead work.

Parapet gutters, drips, welts etc are to be Code 8 lead sheet, 3.55mm thick. Each panel to be a maximum size of 3000mm long x 1000mm wide. Each panel is to be sized to suit overall dimensions as shown on the sections etc. Parapet upstand flashings are to be Code 4 lead sheet, 1.8mm thick. Each flashing is to be a minimum of 150mm high above highest point of upstand x 1500mm maximum length with minimum 100mm laps. Flashing is to be turned into pre cut groove within existing parapet wall, and is to be lead wedged into position at maximum 450mm centres. Joint is to be neatly sealed with an approved silicone mastic compatible with lead sheeting. All lead work is to be carried out to comply with the recommendations and details of the Lead sheet Association and the Lead Development Association handbook. All lead work is to receive 1no. coat patination oil applied strictly in accordance with Lead Sheet Association recommendations.

##### Fleece layer.

Fleece layer is to be Geotech 220PY (or other equal and approved), non woven, needle punched, polyester textile and is to be laid as a separating membrane between the underside of the lead and the top of the ply substrate, and is to be laid strictly in accordance with the Lead Sheet Associations recommendations.

##### Timber supports.

25mm external quality ply substrate to form base of parapet gutters, base and sides of outlets. Ply is to be supported on minimum 100 x 50mm C24 grade treated softwood cross bearers at maximum 400mm centres, and laid to a minimum fall of 1:80, fixed to feet of existing rafters, allow for additional noggins of the same size between feet of existing rafters where required to pick up new cross bearers. Allow for 50 x 50mm C24 grade treated softwood bearer chemical anchored into existing parapet wall face to pick up ends of cross bearers. All noggins and bearers are to be notched 10mm to receive cross bearers. All timber work and chemical anchors are to be to Engineers details.

##### General.

All / any insulation is to be Rockwool insulation batts, under NO circumstances will PIR or PUR insulation products be allowed. Allow a minimum of 60mm between top of existing rafter feet and the underside of the bearer chemical anchored to exiting parapet wall face. ALL DIMENSIONS, LEVELS, OUTLET POSITIONS ETC ARE TO BE CHECKED ON SITE PRIOR TO WORK BEING CARRIED OUT. This drawing is to be read inconjunction with all other relevant Architects and Engineers drawings.

#### NOTES.

- Existing rafters and timbers to be inspected by specialist timber treatment company, treat timbers as recommended, replace timbers to suit if required.
- Existing slates to be carefully removed and stored on one side for Client use.
- Plaster to underside of rafters to be sample tested for deleterious materials.
- Asbestos survey required.

#### Notes:

- This is an A1 drawing, if reproduced in any other format the scale shown will be incorrect.
- Do not scale off this drawing.
- Any ambiguities, omissions and errors, or inconsistencies with other documents, on this drawing should be notified immediately to the architect before the commencement of works on site.
- All dimensions are in millimeters unless otherwise stated.
- All dimensions, unless otherwise stated, are to the face of unfinished masonry walls or to the face of stud partitions, excluding plasterboard.
- All dimensions are to be checked on site. any discrepancies are to be notified immediately to the architect before the commencement of works on site.
- All levels are in meters unless otherwise stated.
- This drawing is to be read in conjunction with all other relevant drawings and specifications for this project and apparent inconsistencies brought to the attention of the architect.
- it is the responsibility of specialist roofing/wall cladding/insulation manufacturer to ensure full compliance with their composite build up as specified by them, and that the integration of their product into the building design meets the required fire tests and complies with Building Regulations.

#### STRUCTURAL ENGINEER NOTES

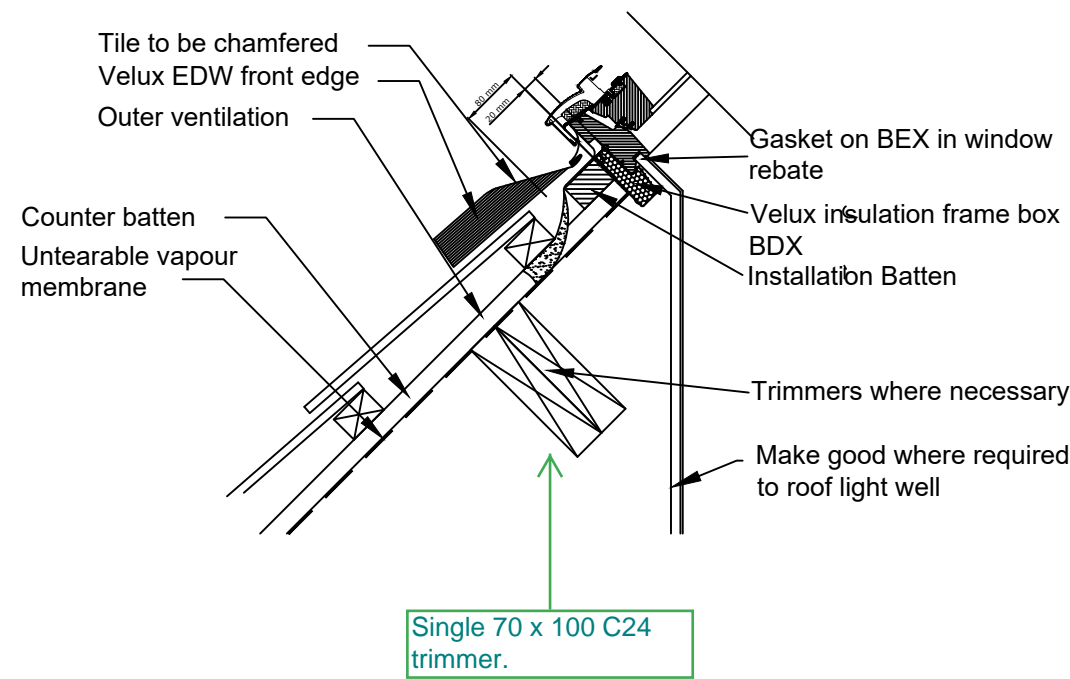
1. Two new steel UB's are to be inserted through the gable wall and be located adjacent to the upslope side of the existing purlins. These steels will support the roof rafters via a profiled wall plate, strengthening the existing purlin. The beams will also support new timber floor joists spanning horizontally between the UB's and these joists can be used to hang the existing ceiling below by galvanised straps, bent and twisted to suit, and the roof rafters via timber props. Use size 5 non steel screws for fixings

2. Doubling up the rafters each side of the new Velux rooflight with single trimmers top and bottom. Size to be 70 x 100 - C24 and treated.

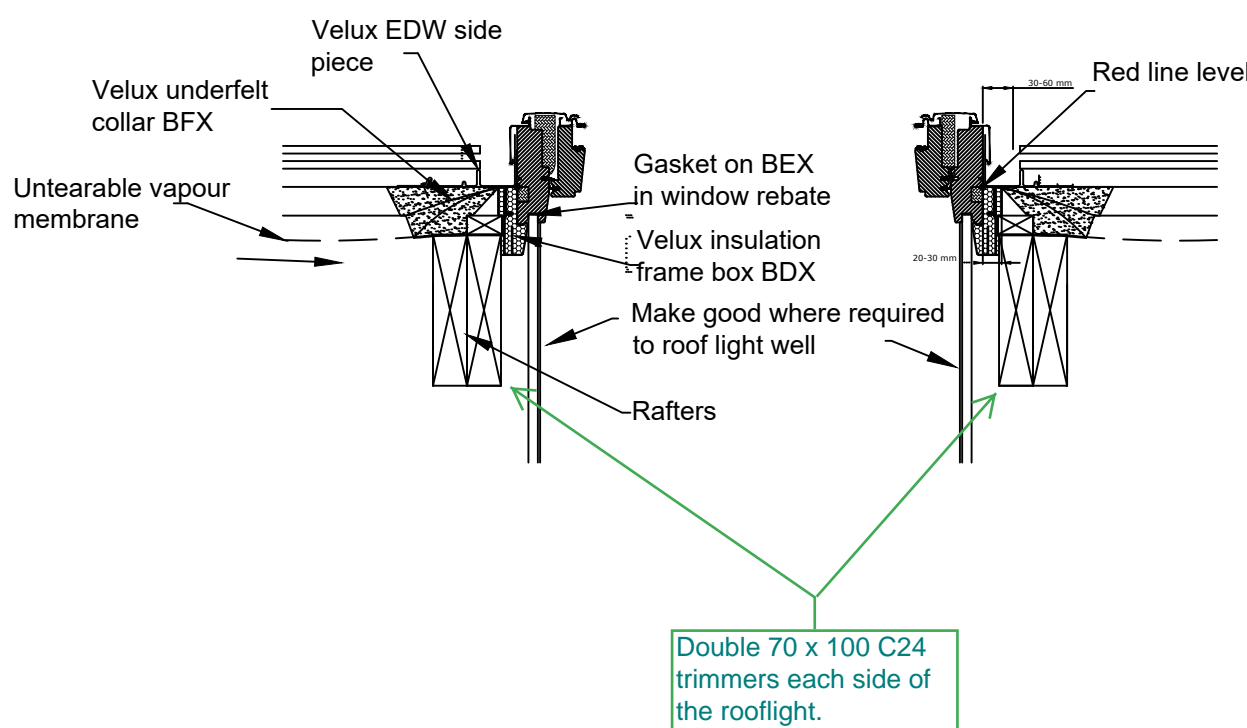
3. Doubling up on the rafters over both the lower and upper halves of each roof slope to strengthen each slope.

4. Front, rear and side parapet walls to be carefully taken down and re-built using 100mm 7N/mm<sup>2</sup> cavity blockwork, reinforced at each bed joint with stainless steel reinforcement by Ancon - Ref. AMR/S/D5.0/W60.

5. Cracking noted in the gable chimney to be repaired using 4mm stainless steel Helibars resin fixed into raked out joints in accordance with manufacturers recommendations.



Velux Roof Light Details  
Scale 1:10 @ A1



## Roof Details sheet 2 of 2

scale As Shown @ A1

collins**hall**green

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Date - 17/02/23

P01	21.12.22	First Issue	sn	cp	cp
Rev	Date	Description	By	Ck	Ap

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Project  
89 Great Russell Street,  
London.

Drawing Title

Roof Details

Sheet 2 of 2

PROPOSED

Drawn by	Checked by	Approved by	Scale	Date	RIBA Stage		
sm	cp	cp	1:10	21.12.2022	5		
Project	Originator	Volume	Level	Type	Role Number	Suitability	Revision
20180	-CBP	-Z0	-04	-DR	-A-3003	-S0	-P01
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