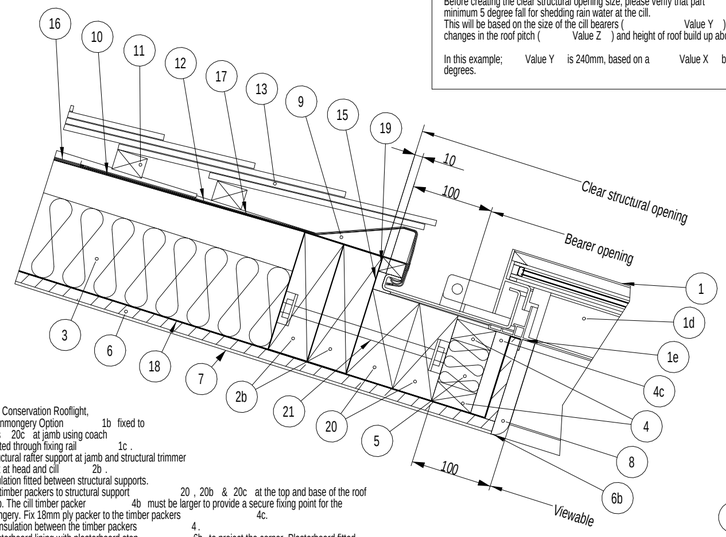
Do not scale from this drawing. Only figured dimensions are to be taken from this drawing.
Contractor must verify all dimensions on site before commencing any work or shop drawings.
Report any discrepancies to the architect before commencing work. If this drawing exceed the quantities taken in anyway the architects are to be informed before the work is initiated.
Work within the current Construction (Design & Management) Regulations is not to start until a Health and Safety Plan has been produced.
This drawing is copyright and must not be reproduced without consent of Edwards Architecture Ltd.

Rev	Description	Date
C0	1 Initial Issue	09.09.22

0 100 200 300

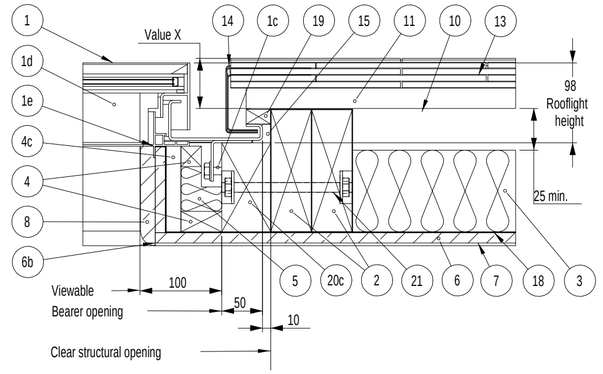


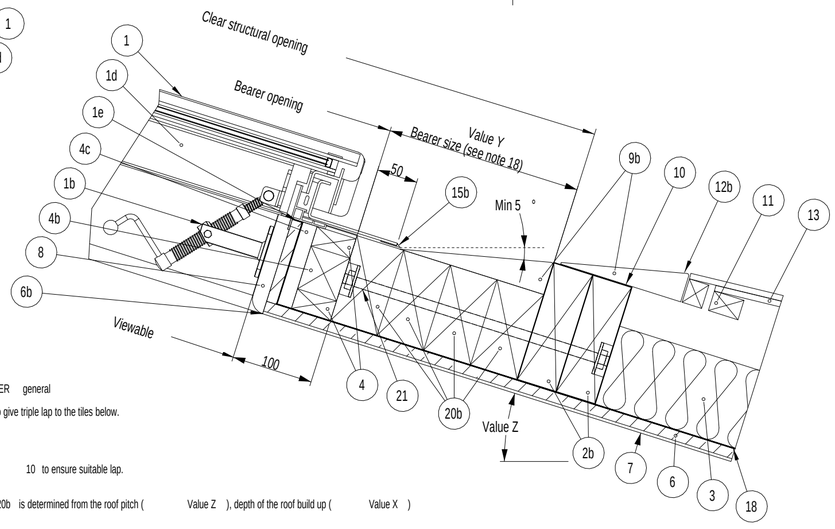
Critical: Clear structural opening sizes

Please note - Bearer opening sizes shown in this 'Between the rafter' detail are equal to structural sizes for 'On the rafter' installations.

Before creating the clear structural opening size, please verify that part 7b will provide the minimum 5 degree fall for shedding rain water at the cill.
This will be based on the size of the cill bearers (Value Y) which will vary according to changes in the roof pitch (Value Z) and height of roof build up above the rafters (Value X).

In this example; Value Y is 240mm, based on a Value X being 60 and Value Z being 17.5 degrees.





Key:
1. The Conservation Rooflight, with Ironmongery Option 1b fixed to bearers 20c at jamb using coach bolts fitted through fixing rail 1c .
2. Structural rafter support at jamb and structural trimmer support at head and cill 2b .
3. Insulation fitted between structural supports.
4. Fix timber packers to structural support 20 , 20b & 20c at the top and base of the roof build up. The cill timber packer 4b must be larger to provide a secure fixing point for the ironmongery. Fix 18mm ply packer to the timber packers 4c.
5. Fit insulation between the timber packers 4 .
6. Plasterboard lining with plasterboard stop 6b to project the corner. Plasterboard fitted behind the thermoliner of the rooflight 1e .
7. Plaster skim
8. Timber reveal to align with rooflight linings 1d to provide 'frameless' internal appearance.
Rooflight linings 1d MUST BE PAINTED with a timber finishing paint once the rooflight is installed to ensure longevity of this component.
If the linings 1d have been factory painted, they do not require an additional paint finish. Please refer to label attached to roof window.
9. Head hardwood tilting fillet.
9b . Cill hardwood tilting fillets - to provide minimum 5 degree fall for shedding rain water.
10 & 16 . Line of breathable membrane.Roofing membrane must be allowed to 'sag'between rafters
11. Softwood battens.
12. Code 3 (consider using code 4 and clipping down roof tiles in severer exposures) lead flashing at head. Carry flashing up the roof and lap UNDER general roofing membrane 10 , 16 and UNDER head membrane 17 .
12b. Code 4 (consider clipping flashing and roof tiles down in severer exposures) lead flashing at cill over tilting fillet 9b . Make the flashing long enough to give triple lap to the tiles below.
13. Roofing tiles.
14. Jamb flashing - lead soakers as shown (or mortar bed).
15. Perimeter silicone seal. Seal perimeter of rooflight 1 JUST PRIOR TO installation of the rooflight using a thick continuous bead of low modulus neutral cure silicone sealant. Ensure sealant to cill 15b is located in a position where it will be covered by the cill flange of the rooflight.
17. Roofing membrane to rooflight head. Dress UNDER general roofing membrane 16 , UNDER lead flashing 12 and OVER general roofing membrane 10 to ensure suitable lap.
18. Vapour barrier (Blue).
19. Softwood batten to be fitted after silicone seal 15 to offer support for tilting fillet 9 and flashings 10, 16 & 17 .
20. Bearers support the rooflight and transfer the load to the rafter 2 and trimmer 2b structural support members. The size of cill bearers (Value Y) 20b is determined from the roof pitch (Value Z), depth of the roof build up (Value X) and ensuring that the tilting fillets 9b provide the minimum 5 degree fall.
21. Suggested fixings; Threaded rods to secure the bearers 20, 20b and 20c to the structural support members 2 , 2b .

Please Note:
These sectional details are provided as an installation suggestion. Due to the differing nature of installations we strongly advise you to consult your rooflight installer to verify fitness for purpose. This drawing does not constitute a structural proposal. Sufficiency of structural supports to be checked by rooflight purchaser's structural consultant.

Conservation Rooflight Details

1 : 5

EDWARDS ARCHITECTURE

4 Vita House, Fish Quay, North Shields. NE30 1JA
T: 0191 649 8404
E: info@edwardsarchitecture.co.uk
W: www.edwardsarchitecture.co.uk

Project
20063 - Beach Road, South Shields
Mandeville Properties

Drawing Title
Conservation Rooflight Details

Scale at A2
1 : 5

Information Issued

Project	Originator	Stage/ Volume	Level/ Locat.	Type	Role	Number	Rev
20063	**EArch**	**CN**	**XX**	**DR**	**A**	**601**	**C01**