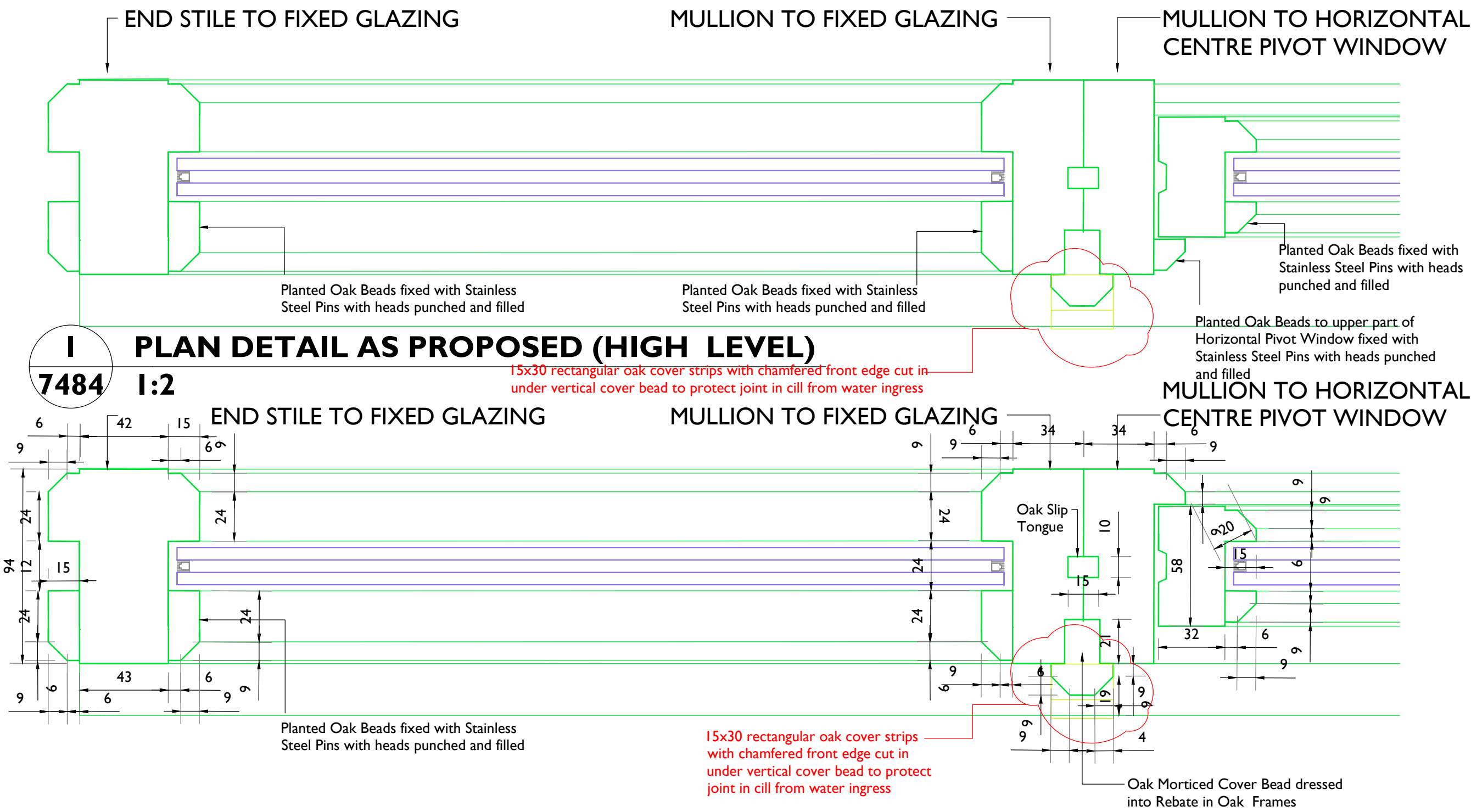




GLAZING

18mm Double Glazed Unit comprising 6.4mm clear laminated inner pane, 6mm Argon Filled Sealed Cavity, 6mm clear toughened outer pane. Double Glazing Unit to be secured on setting blocks with oak beads and sealed with Butyl Glazing Tape

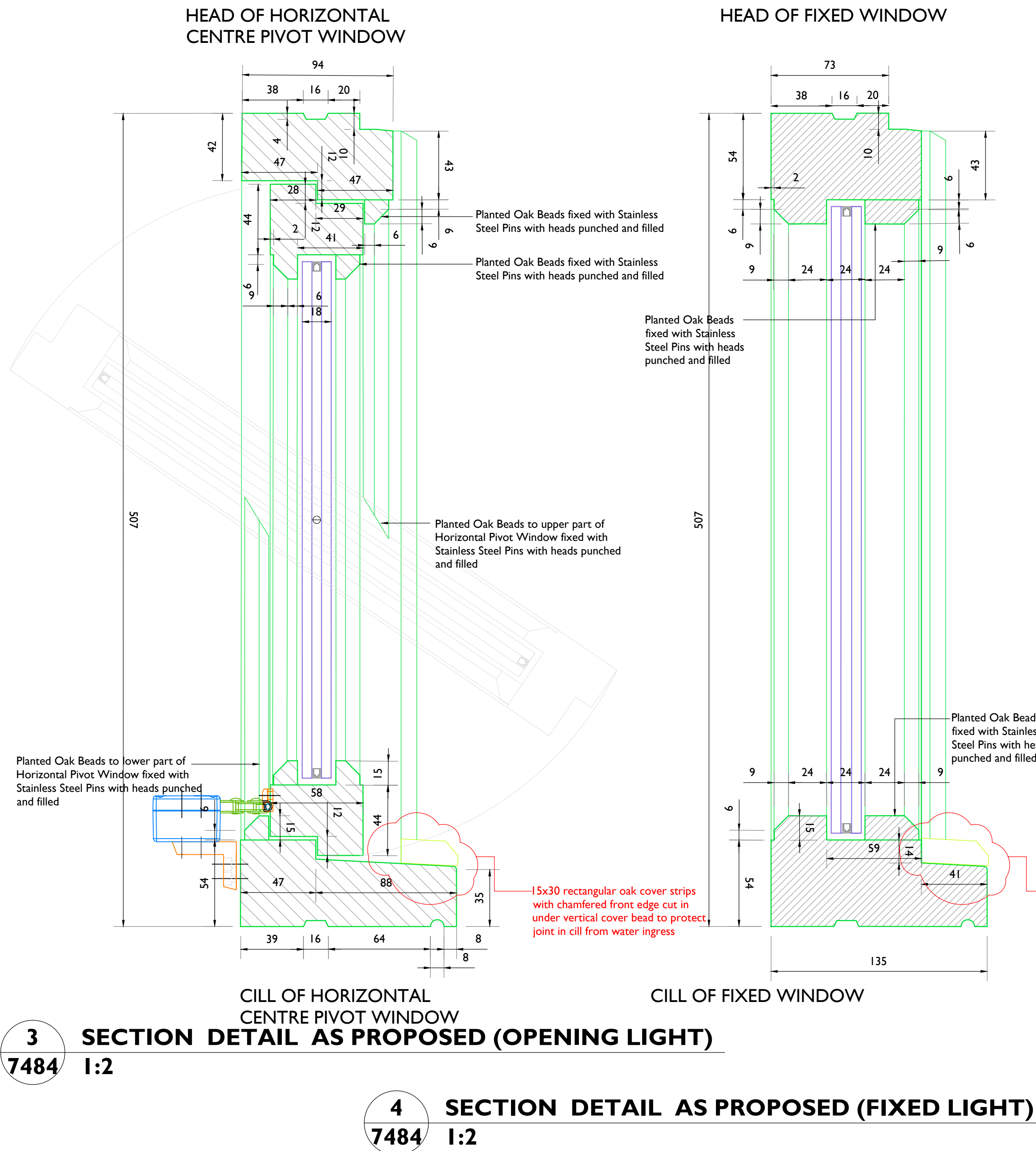
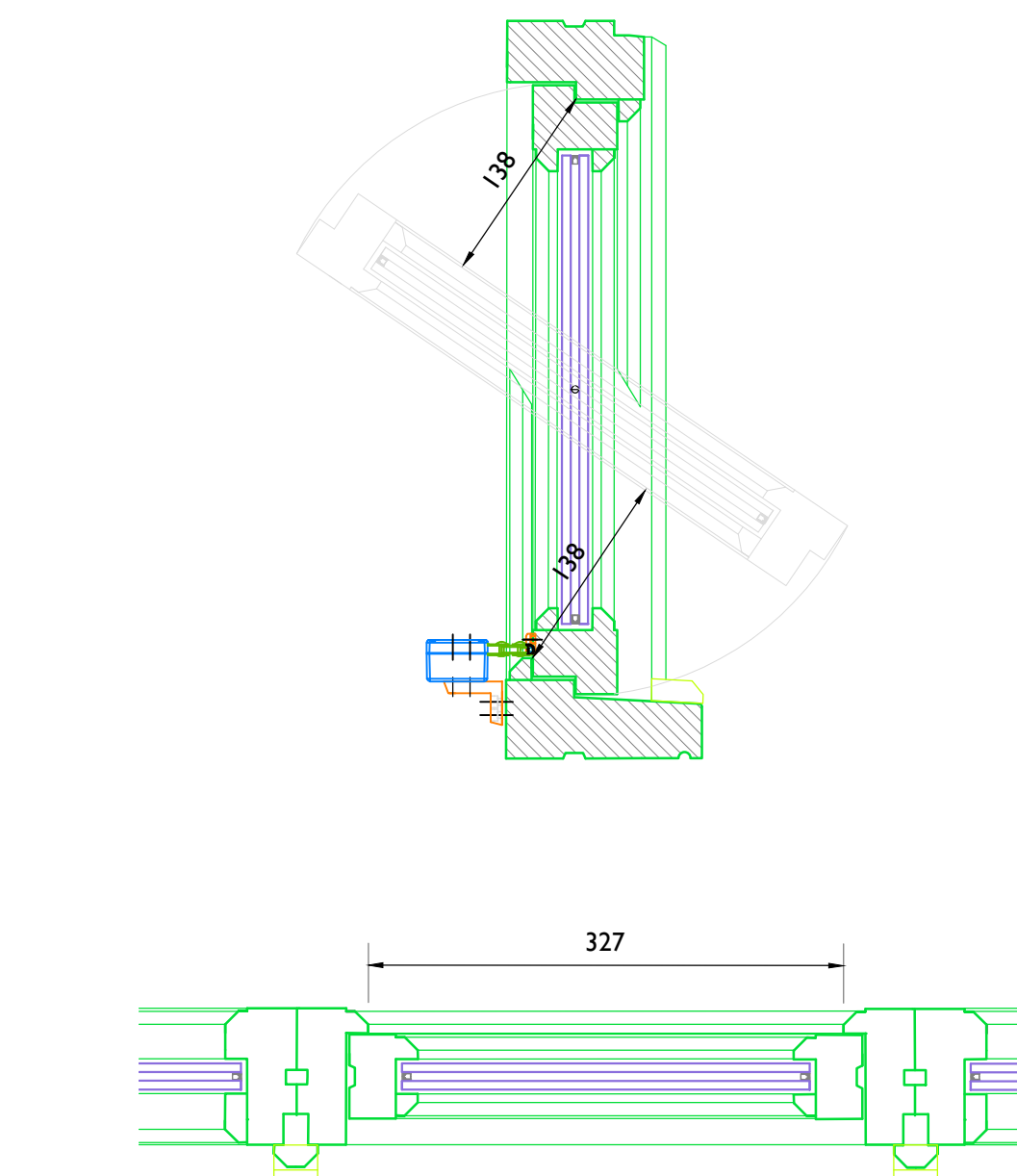
FREE VENTILATION AREA OF OPENING WINDOW LIGHTS

Width between stops 327mm.
Vertical Opening Height above Centre Pivot Window 138mm.
Vertical Opening Height below Centre Pivot Window 138mm.

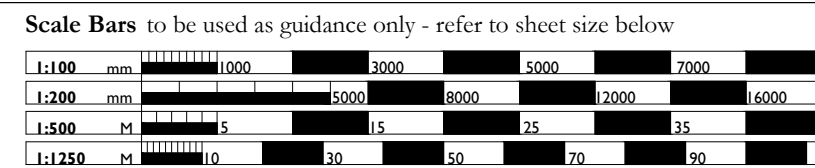
$$327\text{mm} \times (138\text{mm} + 138\text{mm}) = 89,598 \text{ sq mm. (0.089 sq m)}$$

12no. Opening Light Windows

12 x 0.089 sq m = **1.075 SQUARE METRES OF FREE VENTILATION AREA OF OPENING WINDOW LIGHTS**



REVISION 02
As oak cill has been formed from multiple sections instead of as continuous cill, oak cover strip installed on top of cill to protect joints from water ingress.
End section of cill to ribbon window to have 45° chamfer



Notes:
Drawings are based on survey data and may not accurately represent what is physically present.
Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.
All dimensions are in millimeters unless noted otherwise.
Purcell shall be notified in writing of any discrepancies.

- BUILDING FABRIC TO BE REMOVED
- BUILDING FABRIC TO BE RETAINED
- BUILDING FABRIC (PROPOSED)

NOTES ON SEQUENCE OF SUPPLY AND INSTALLATION OF PATENT GLAZING

- The Hexagonal Lantern Light is not a regular shape and each of the six bays has an individual shape both in plan and in elevation with slightly varying angles and dimensions. The existing sw glazing bars to each roof panel therefore have an irregular set out. The design intention of the proposed patent glazed roof is to create a visually regular glazing bar layout about the hips whilst accepting that dimensions and spacing of patent glazing bars will vary in each panel.
- An external and heightened internal crash deck scaffold is to be erected to facilitate the removal of existing 'modern' overlay hardwood Glazing Frames and Glazing Bars and stripping of lead from Hip Gutters. The original moulded sw glazing frame beneath is to be retained to form the perimeter outline of the proposed new patent glazing. Before the removal of internal crash deck to facilitate internal decoration works the Patent Glazing Supplier is to take measurements of each of the six roof panel apertures to enable fabrication drawings to be progressed and the set out agreed to enable the production of the glazing system to proceed.

NOTES ON MANUFACTURE, SUPPLY AND INSTALLATION OF VERTICAL OAK WINDOWS

- The 6 no. ribbon oak window panels each comprise 5 no. window frames (3no. fixed pane windows and 2no. horizontal pivot window frames). The 5no. frames are to be connected by a slip tongue section and a morticed cover strip and all mounted on a continuous cill section. The ribbon window panels are to be mounted on the outside face of the retained structural timber mullions and the individual sizes of each pane require to be co-ordinated with the exact spacing between the retained structural timber mullions. Approximate varying sizes of the openings between structural timber mullions is indicated on the drawing however the exact sizes are to be measured on site by the joinery manufacturer prior to manufacture

Rev 02	26/06/2024	JC	SE	Oak cover strip added to cill joints cill end chamfered
Rev 01	12/11/2023	JC	SE	Window height shortened and cill projection increased. Free ventilation area added.
	29/08/2023	SE	SE	First Issue

ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION
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Project Office, Room 308, Town Hall, MANCHESTER M60 2L1
+44 (0) 7970 097 432
www.purcelluk.com

PROJECT STATUS	RIBA STAGE 5
CLIENT	MANCHESTER CITY COUNCIL
PROJECT	OUR TOWN HALL
DRAWING TITLE	Rooflight WCR01 Proposed Window Component Drawing
SIZE & SCALE	A1: Scale as Stated
DRAWING STATUS	ISSUED FOR CONSTRUCTION
JOB NUMBER	236959
DRAWING NO.	OTH-PUR-TH-RF-DWG-A- 7484
REV	02