

**No 1 Morlais Buildings
Pontmorlais
Merthyr Tydfil**

**Planning Ref – P/19/0314
Condition 4 in line with policy BW7**

Date:18/12/2024

Roof Finishes

Ridges to be Three Hole Crested Angle Ridge Tile in terracotta clay to be fixed with lime mortar (NHL2 lime mix)



Slate

Slate to be a blue/grey in colour – reclaimed, if possible, match in size and thickness. Natural slates should be fixed with two copper or stainless-steel nails with a head diameter not less than 10mm and must allow a penetration of at least 20mm into the timber batten

All slates should be fixed in accordance with manufacturers requirements and BS 5534



Conservation roof lights

Details attached separately – Conservation roof light product information & Cross section of a conservation roof light

Windows

Materials - Windows to be made of either Oak, Ash, Beech or Sapele for longevity and designed to match the existing in every way, (*see drawing PL 004*).

All Buildings in the UK are required to comply with Building Regulations. In the case of windows this means that installations need to be approved through the Building Control process or signed off by a company/individual registered with a relevant competent person scheme (e.g. FENSA). The reference standard for wooden windows is BS 644: 2012 (Timber).

Ventilation - To maintain indoor air quality windows may need to provide “purge” ventilation and are often required to accommodate background (trickle) ventilators as part of the specified ventilation system for a building.

Provisions to enable use by all people - To allow a window to be operated by all people within a building there may need to be consideration given to the type of openers and controls to ensure they are accessible and simple to use.

Safety of glazing - When people are likely to come into contact with glazing it will need to be protected by a barrier or be robust so as not to break or, if it breaks, it should break safely. Where low level glazing is at a change of level it may be required to act as a safety barrier.

Standards to comply with -

BS 644:2009 - Timber windows. Fully finished factory-assembled windows of various types. Specification.

BS 6375-1:2009 - Performance of windows and doors. Classification for weathertightness and guidance on selection and specification.

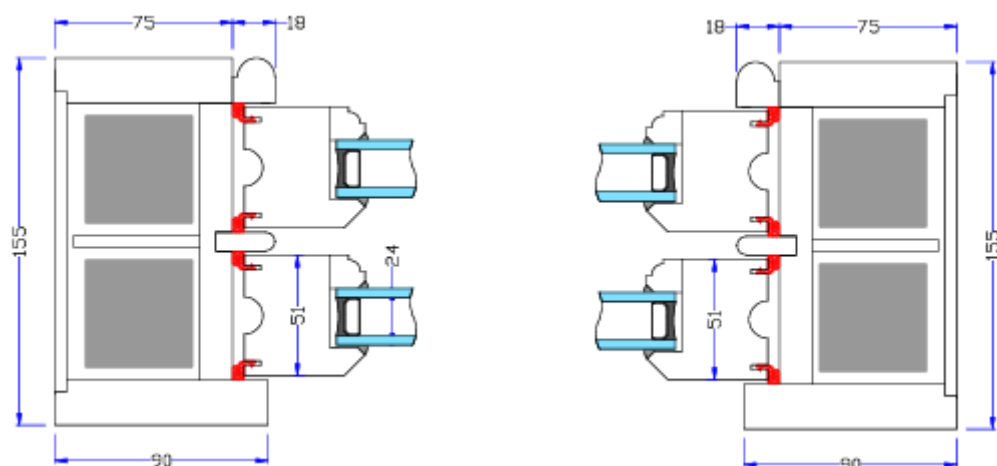
BS 6375-2:2009 - Performance of windows and doors. Classification for operation and strength characteristics and guidance on selection and specification.

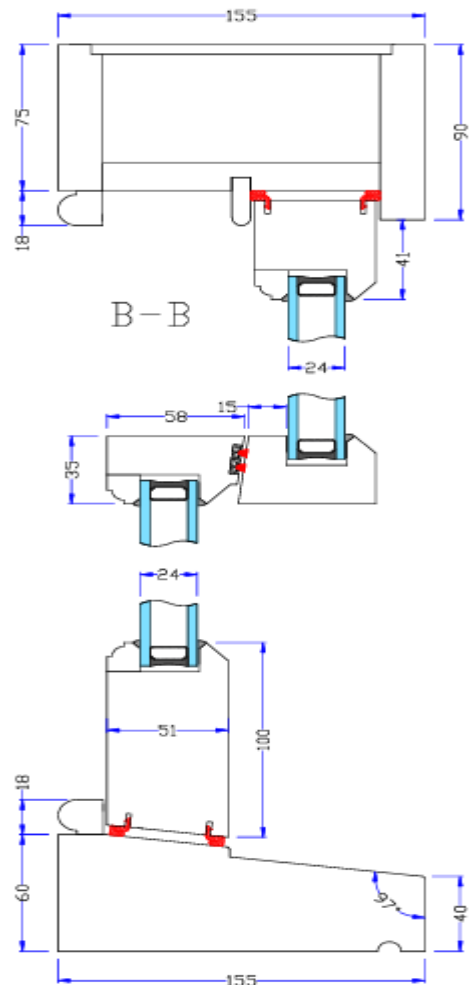
BS EN 13141-1:2004 - Ventilation for buildings. Performance testing of components/products for residential ventilation. Externally and internally mounted air transfer devices.

BS EN ISO 10077-1:2006 - Thermal performance of windows, doors and shutters. Calculation of thermal transmittance. General.

All standards are registered here - <https://www.bwf.org.uk/toolkit/technical-woodworking-support/technical-windows/>

Typical double glazed box sash section below –





Rainwater goods

Will be heritage half round pre-primed black 100mm cast iron gutters, round 75mm downpipes and associated fittings.

System Performance - Design Standard: To BS EN 12056-3:2000, clauses 3-7 and National Annexes. Collection and Distribution of Rainwater: Complete, and without leakage or noise nuisance. Design Parameters: Design rate of rainfall as per B5 EN 12056-3:2000, National Annex NB 2 - Category 1

Manufacture: Complies with BS 460:2000 Cast Iron Rainwater Goods.

Finish: Heritage Transit Primed (for Site Painting)

Colour: Black

Jointing: Gutter lengths or fittings are overlapped at the joint with a spigot and socket. Slots are provided for fixing using M6 mushroom head Zinc Plated nuts and washers. Seal evenly across the joints with putty.

Fixing: Fascia bracket fixed at 915mm centres and at each fitting using number 12x38mm round head twin thread screws and washers bright zinc plated.

