

12.02

HARDWOOD
SLIDING SASH
WINDOWS



MUNSTER JOINERY UK LTD. - TECHNICAL INFORMATION SHEETS		
Title: <i>Hardwood Sliding Sash Windows</i>		
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AVAILABLE COLOURS:

- Grey 7015
- Cement grey 7033
- Mouse Grey 7005
- Silver 7001
- White 9016
- Ivory 1015
- Pale Green 6021
- Green 6005
- Blue 5005
- Red 3003
- Black 9005
- Navy 5011
- Beige 1001
- Yellow 1021
- Factory Finish

SLIDING SASH TECHNICAL WINDOW POINTERS

- Two options available on fittings: brass / chrome

- Minimum width (2 sashes) 500 mm
- Minimum width (4 sashes) 1015 mm
- Maximum width (2 sashes) 1300 mm
- Minimum height 950 mm
- Maximum height 2400 mm
- Width of plant on bar 25 mm (moulded)
- Width of dummy bar 48 mm (flat)

- FEW 920 mm (w) x 1300 mm + drip (h)
 920 mm (w) x 1315mm o/a incl. drip (h)
 920 mm (w) x 1345mm o/a incl. Cill.

- Joggles as standard
- Plant on bar / Georgian bar / dummy bar available
- A dummy spacer bar is required when using a plant on bar
- A restrictor is available to limit the opening of the window
- Trickle vents can be fitted if required
- Do not comply with life time homes
- Chains as standard with option of cords

- Depth 173 mm Double glazing
- Depth 198 mm Triple glazing
- Thickness of front 93 mm on both sides / 68 mm on top
- 4 sash joining 93 mm + 93 mm + 12 mm (adaptor)= 198 mm

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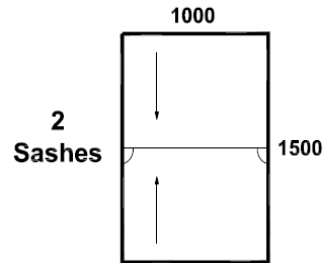
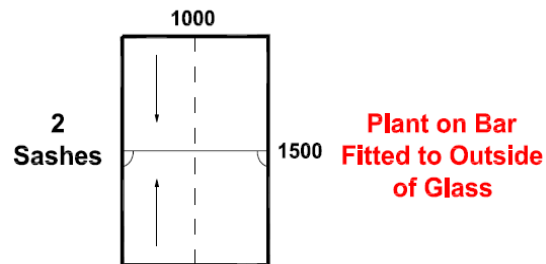
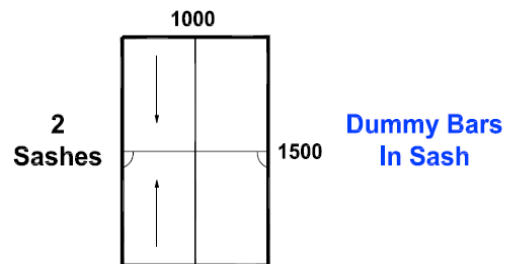
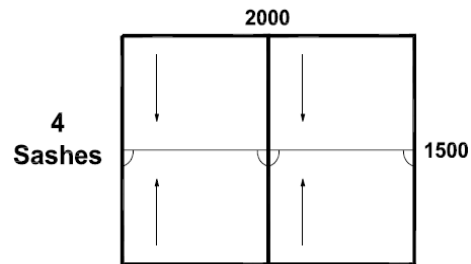
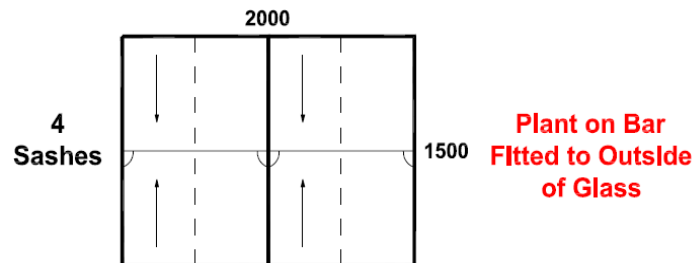
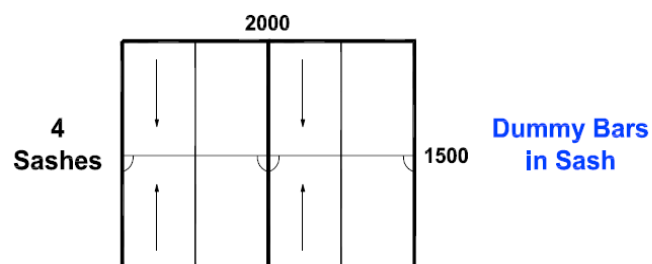
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Some popular designs and how to order these on a contract.



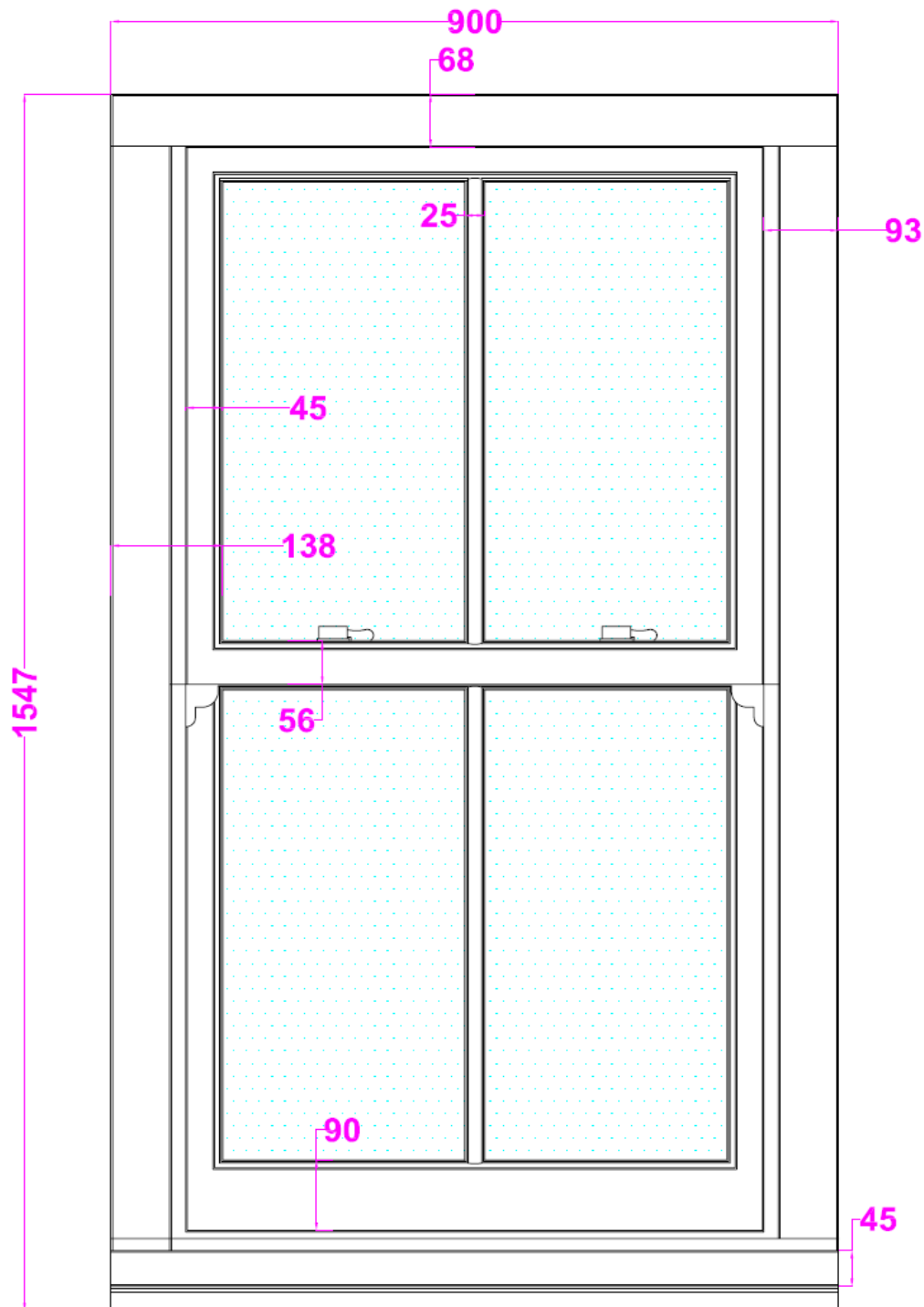
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**FRONT ELEVATION FROM OUTSIDE OF
HERITAGE SLIDING SASH WINDOW
WITH PLANT ON BAR**

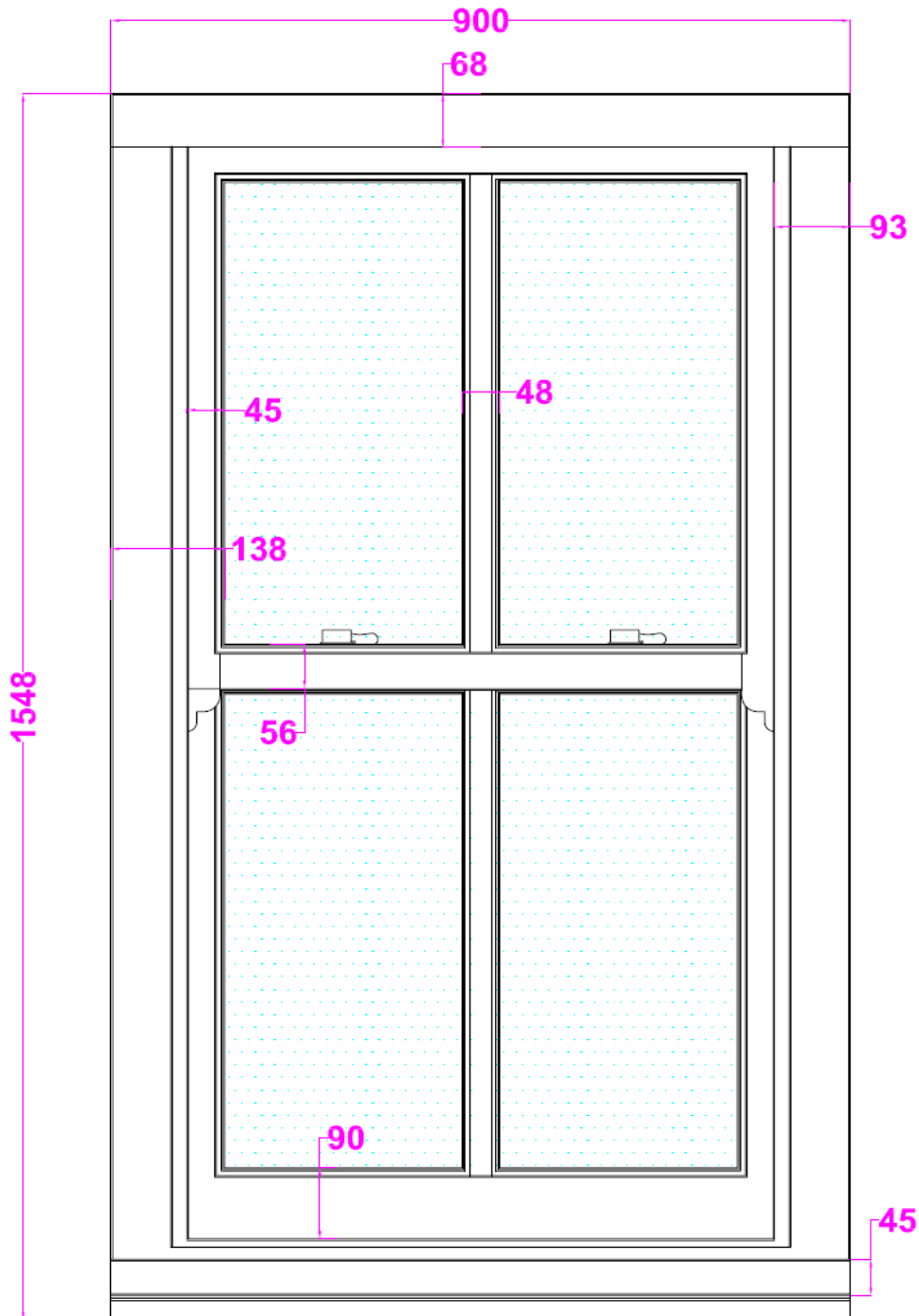
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FRONT ELEVATION FROM OUTSIDE OF
HERITAGE SLIDING SASH WINDOW
WITH DUMMY BAR

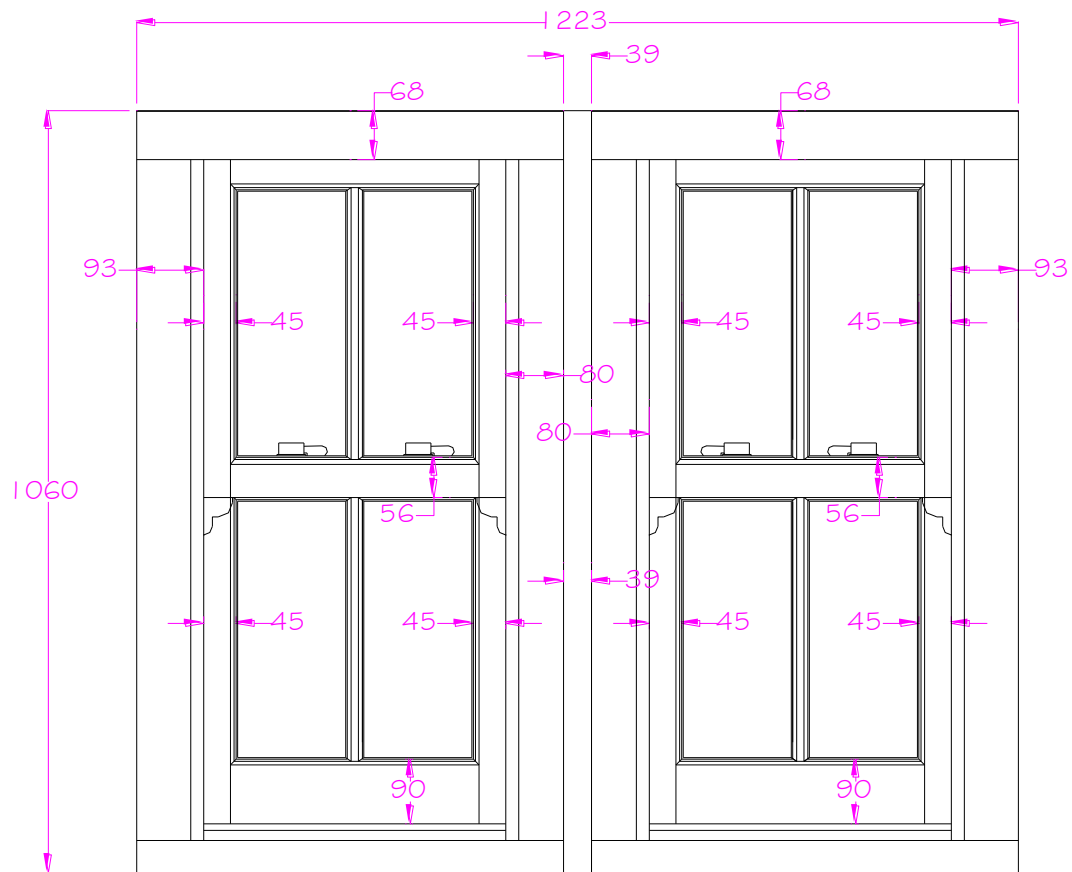
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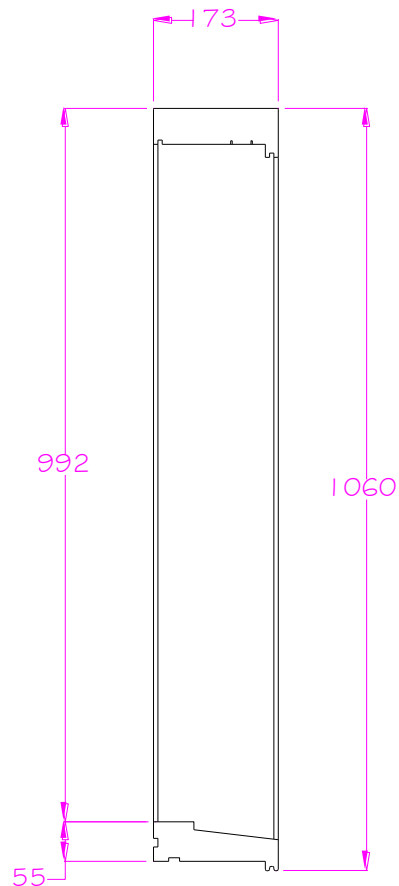
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EXTERNAL ELEVATION



SIDE ELEVATION

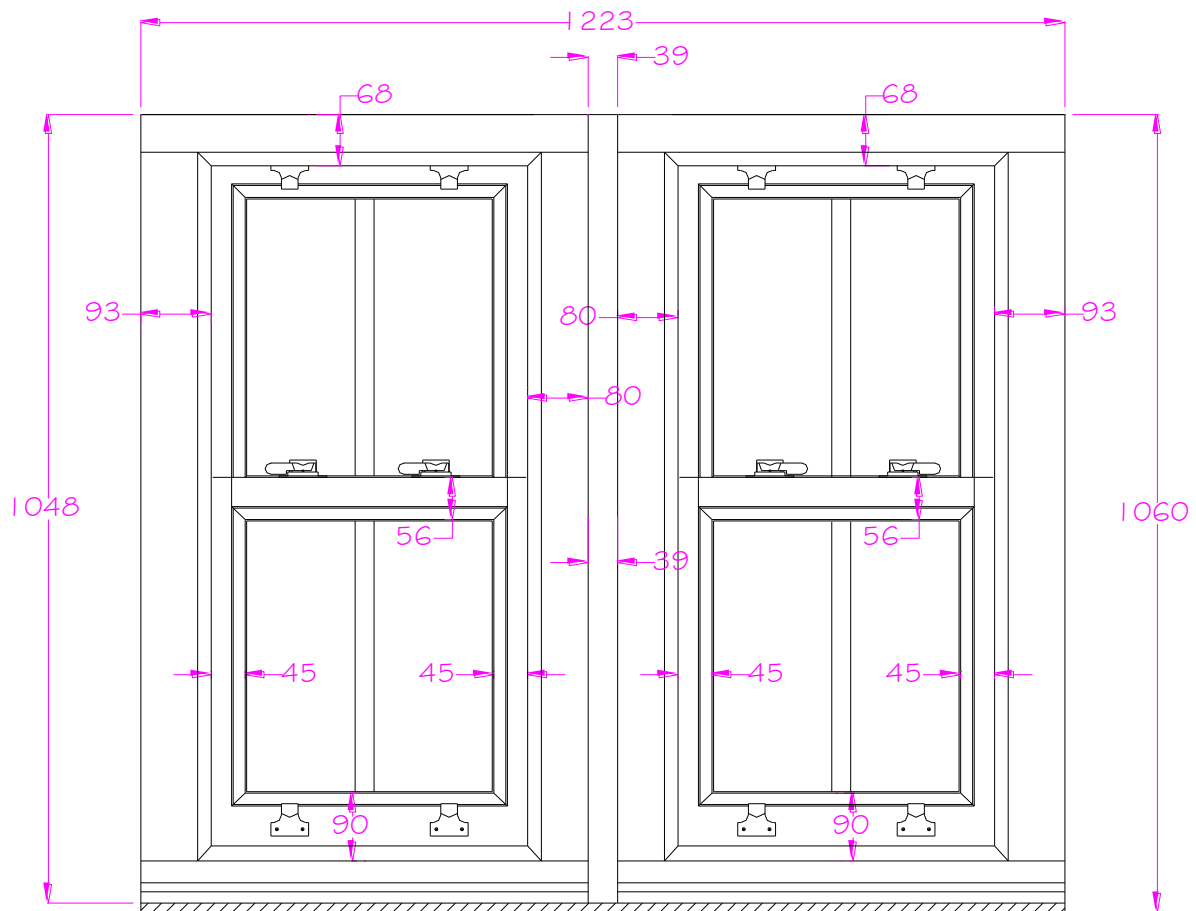
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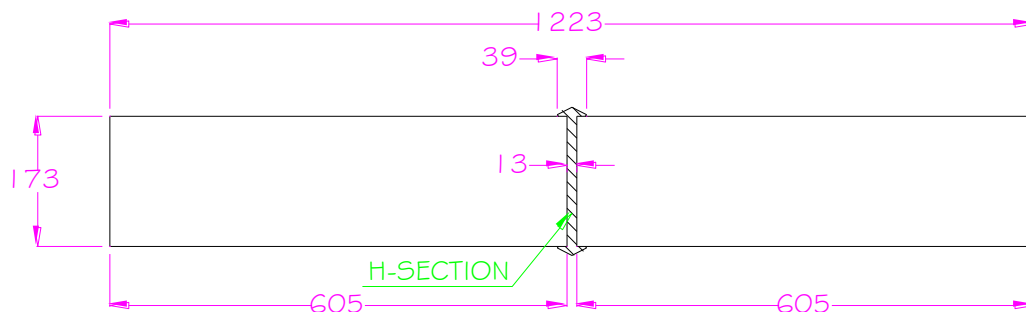
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INTERNAL ELEVATION



PLAN

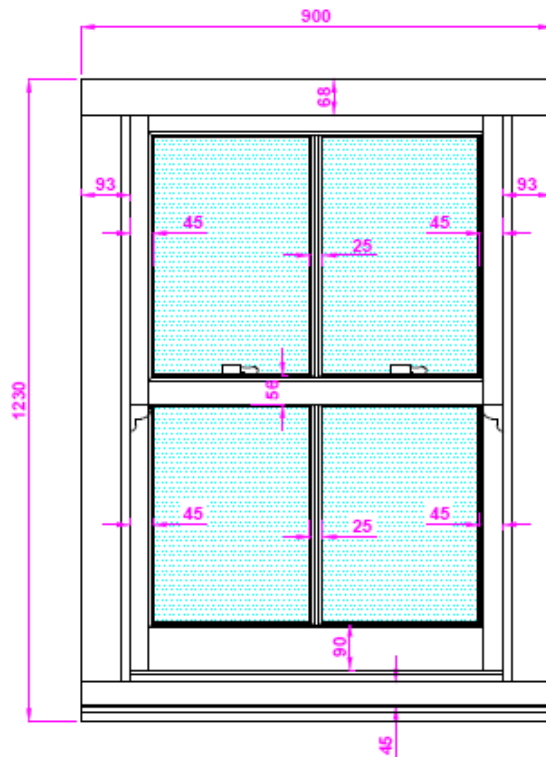
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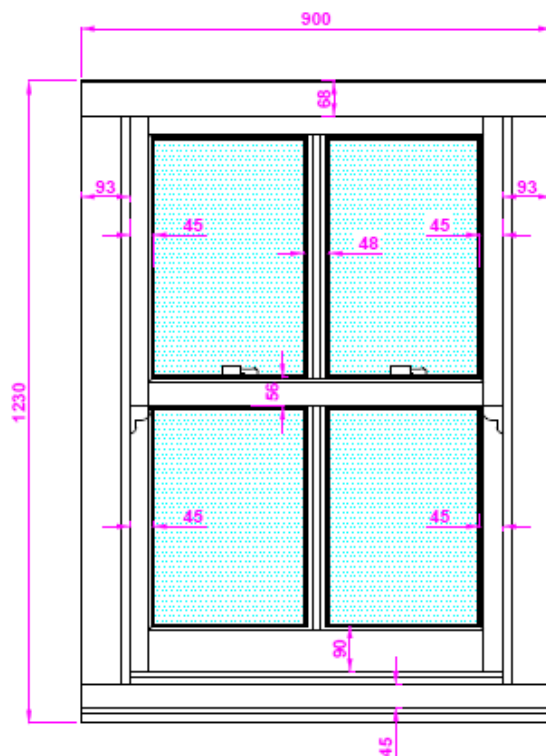
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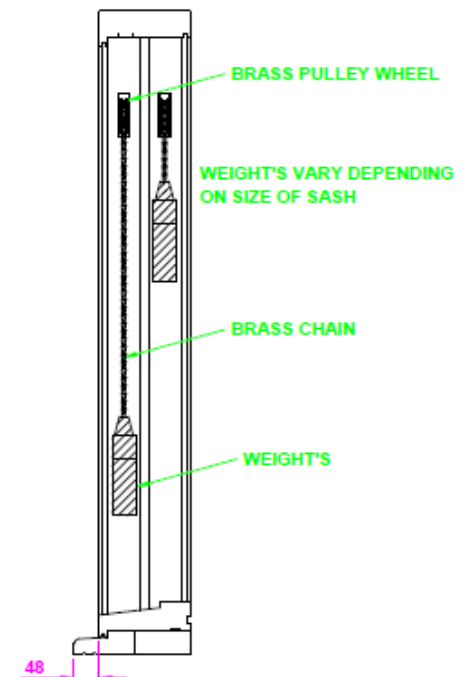
SLIDING SASH WITH PLANT ON



SIDE ELEVATION



SLIDING SASH WITH SOLID BAR



OPEN SIDE ELEVATION

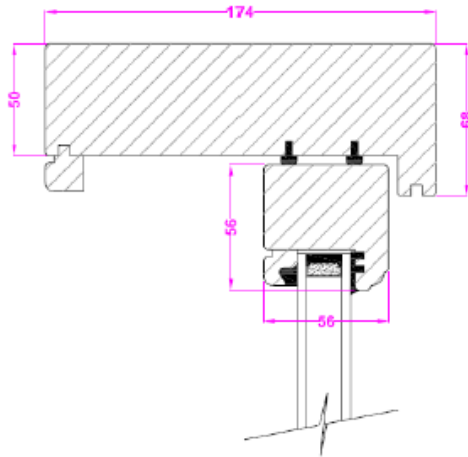
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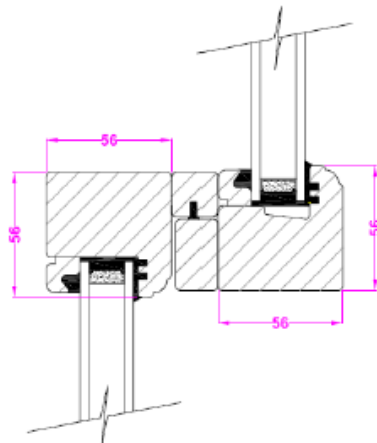
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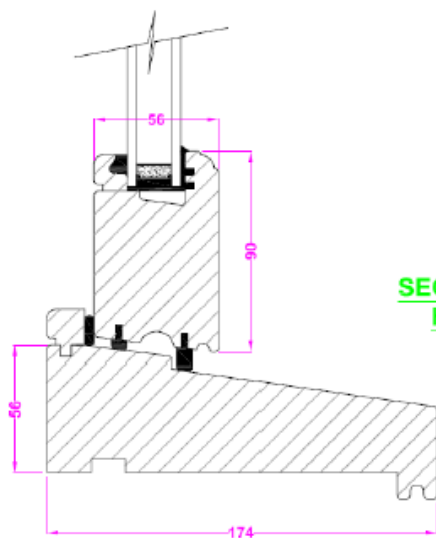
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**SECTION THROUGH HEAD OF HERITAGE
HARDWOOD SLIDING SASH WINDOW**



**SECTION THROUGH CENTRE OF HERITAGE
HARDWOOD SLIDING SASH WINDOW**



**SECTION THROUGH BOTTOM OF HERITAGE
HARDWOOD SLIDING SASH WINDOW**

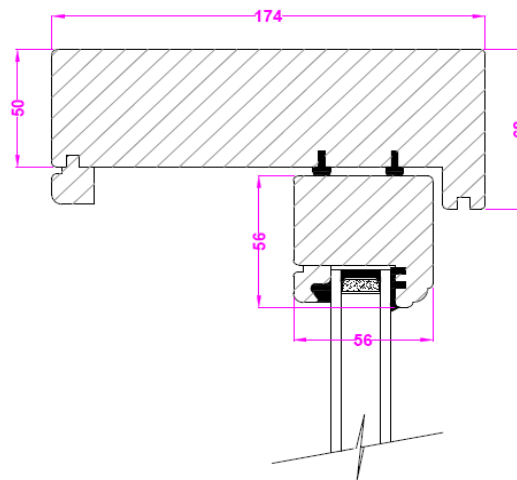
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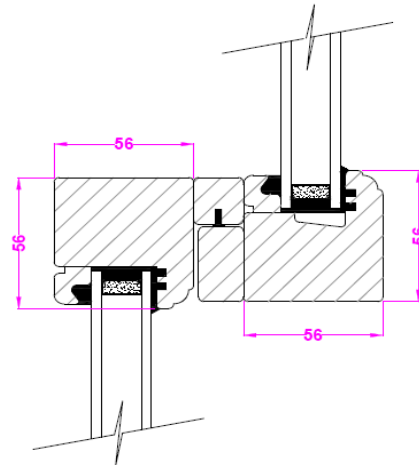
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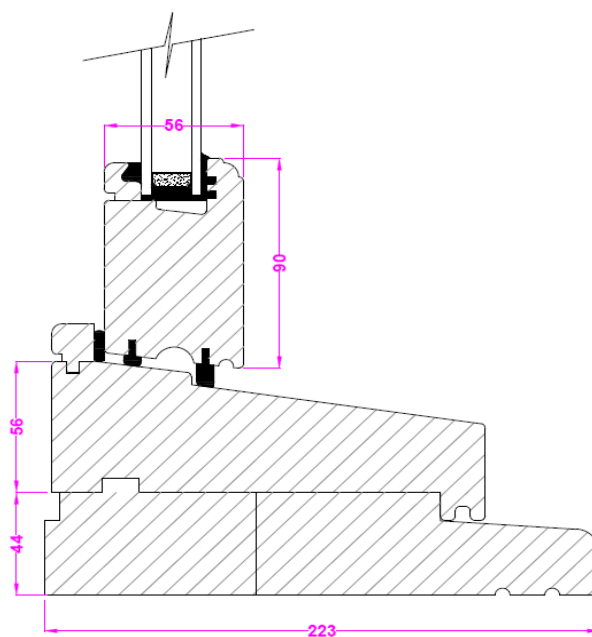
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**SECTION THROUGH HEAD OF HERITAGE
SLIDING SASH WINDOW**



**SECTION THROUGH CENTRE OF HERITAGE
SLIDING SASH WINDOW**



**SECTION THROUGH HERITAGE SLIDING SASH
WITH A 138mm CILL**

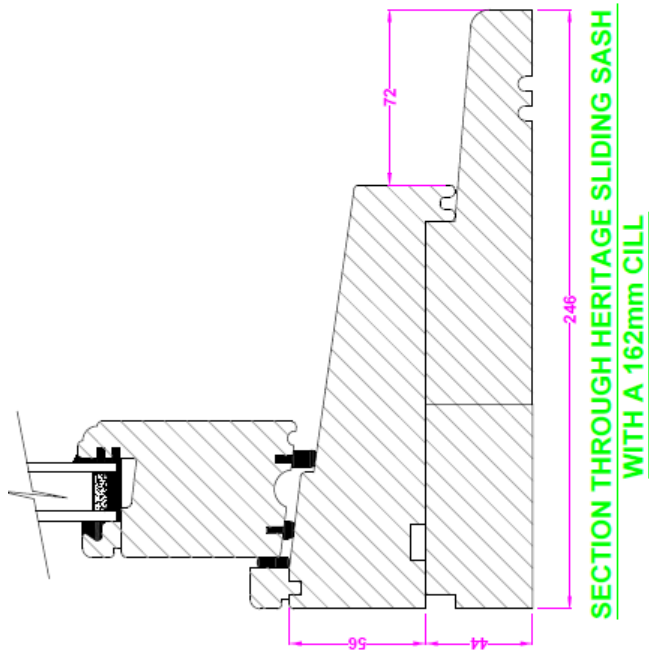
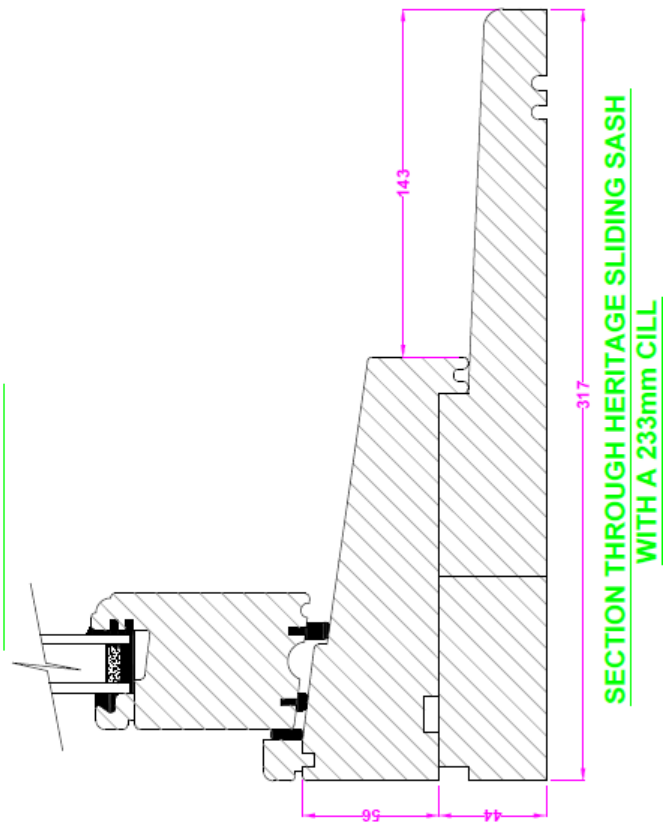
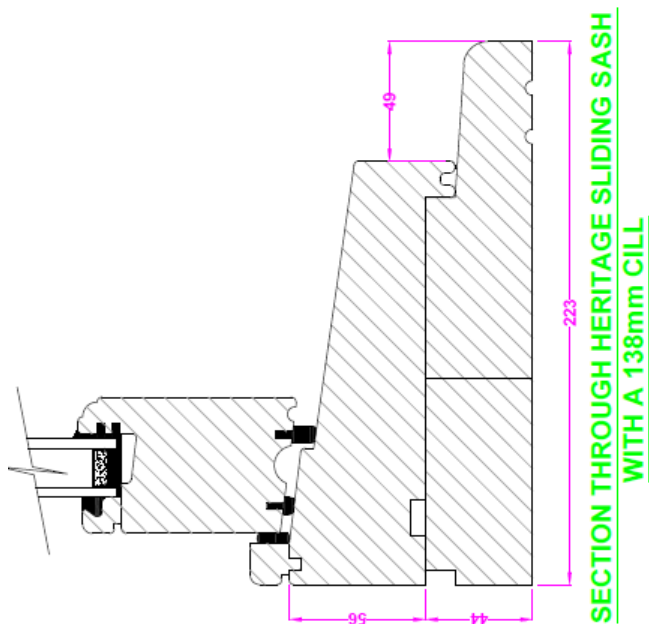
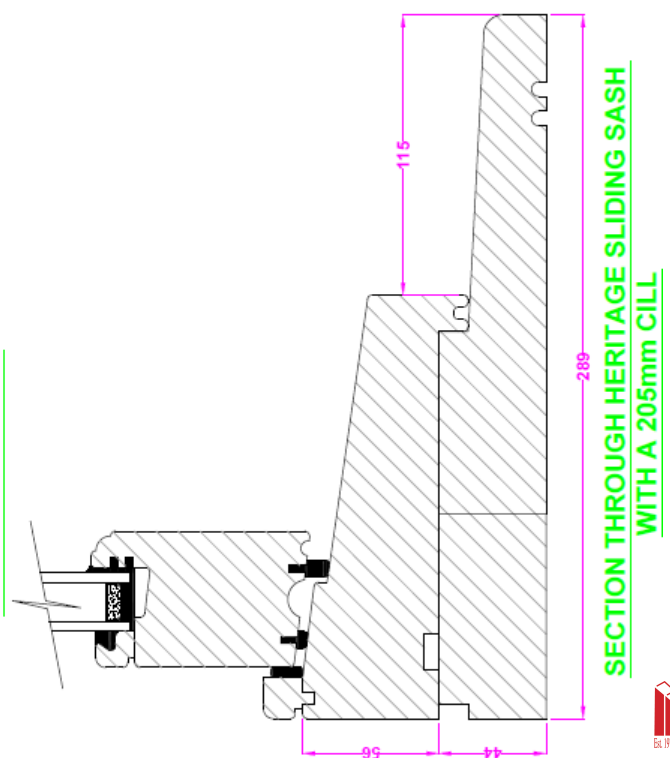
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THE MUNSTER JOINERY SLIDING SASH WINDOW

Munster Joinery have developed a timber vertical sliding sash window which is ideal either for the protected building where planning requires it or for the new build where traditional elegance is sought. The window marries the style and elegance of this timeless design to the best of modern technology to give a high performance window with class.

The window provides the beauty of the traditional vertical sliding sash window with the weather tightness, energy efficiency and all the indoor comfort provided by a modern casement window.

RAW MATERIAL

The window is manufactured from hardwood which is kiln dried in our computer-controlled kiln drying facility to meet the requirements of IS96: 1976 in regard to external joinery.

CONSTRUCTION

The window is assembled using mortice and tenon joints sealed with water resistant glue. All opening sections carry an EPDM draughtproofing seal.

FINISH

The joinery comes factory finished with a base coat and two top coats of a water based paint applied in an automated spraying plant. The external face of the joinery needs to be brush coated with one coat of a solvent based paint after installation.

FURNITURE AND FITTINGS

A traditional weight and chain operating system as standard. Weights are calculated scientifically to balance each individual sash. Fasteners and fittings play a vital role in overall sash window performance. Well designed products are used to achieve functionality. A push button ventlock is available to restrict the opening in the interests of child safety. Fittings come in either brass or chrome finishes.

GLAZING

Windows are supplied factory glazed with double or triple glazed units. The units are Argon filled and incorporate low emissivity glass as standard to give optimum thermal performance. The unit uses a warm edge spacer bar (eliminating joints through which water vapour may penetrate) filled with high-grade molecular sieves. A primary PIB (Polyisobutylene) seal is applied coupled with a polyurethane outer seal to ensure a long life unit.

The glass unit is exclusive to Munster Joinery and carries a BSI kite mark to BS EN1279: 1979 Ref. Kite Mark Licence No KM 52169. The unit can incorporate toughened safety glass where required for the critical areas set out in the building regulations. The BSI classifies the toughened glass used as BS12150 class A Ref. Kite Mark Licence No. KM 52172.



THERMAL PERFORMANCE

The window is supplied with 24mm double glazed units with soft coat low emissivity glass as its inner pane and an Argon filled cavity. This gives the following thermal performance factors:

24 mm double glazed + Argon filled + soft coat low E + warm edge spacer
U window = 1.5 W/m²K.

36 mm triple glazed + Argon filled + 2 panes soft coat low E + warm edge spacer
U window = 1.2 W/m²K.

INSTALLATION

The window is installed by trained Munster Joinery personnel. The window is fixed into the opening by means of galvanised steel fitting straps fixed to the frame and attached to the masonry by means of proprietary fixings and expanding foam. The fitting strap must be positioned not less than 150mm from the corners and at centres to suit the window size.

During transport the window MUST be kept upright.

BUILDING REGULATIONS

a) Means of Escape in Case of Fire

Any window with a clear opening not less than 0.33 m² and a minimum dimension not less than 450 mm complies with part B of the Building Regulations.

Note: The bottom of the sash has to be between 800 – 1100 mm from finished floor.

b) Means of Ventilation

The window can be readily designed to meet the rapid ventilation requirement of Building Regulations. Trickle vents are available for use with the window that can achieve the background ventilation requirement of the regulation given appropriate window design.

c) Conservation of Fuel and Energy

The heritage window glazed with Argon filled Double Glazed unit with Low-E glass readily complies with the requirements of Part L of the Building Regulations.

QUALITY

The window is manufactured under an EN/IS/ISO9002 approved Quality System Ref. Certificate No. M850.