

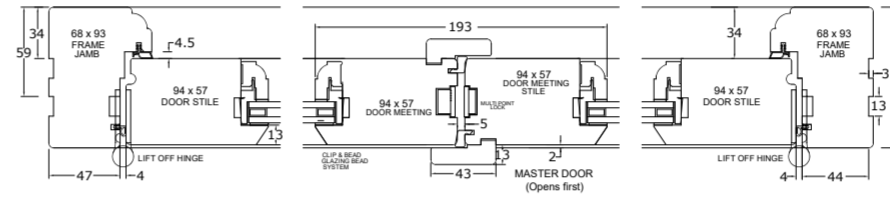
VERTICAL SECTION THROUGH DOOR AND DOOR FRAME

FRENCH WINDOWS:

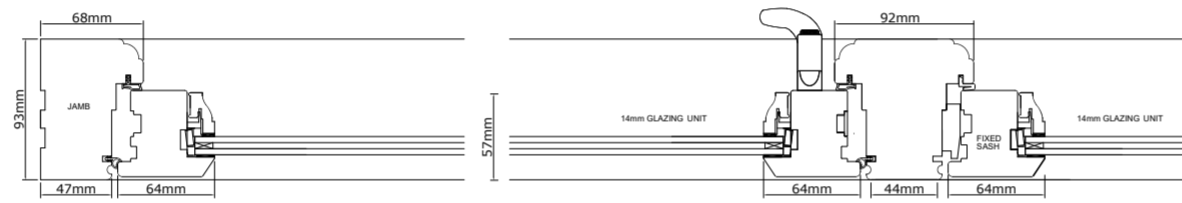
Mumford & Wood Conservation range (or similar) outward opening french windows with 14mm double glazed panel comprising 4 mm Tough / 6 mm Krypton / 4 mm Tough Planitherm One to upper panels and insulated timber lower panel all as specified. Door to be complete with integrated high security locking system. U-Value - 1.4 W/(m2 K)

WINDOWS:

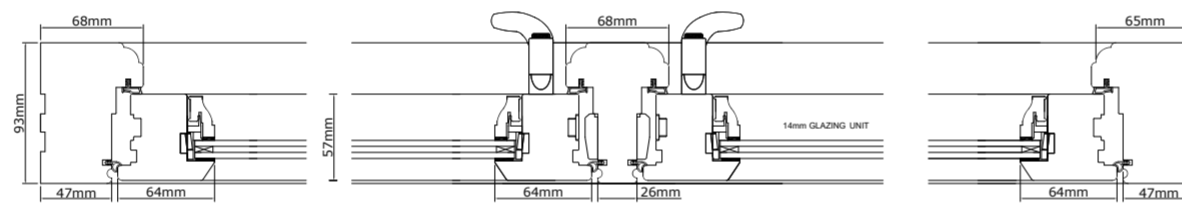
Mumford & Wood Conservation range made-to-order timber Casement Window with 14mm slim double glazed units as before. Whole Window U-Value - 1.4 W/(m2 K)



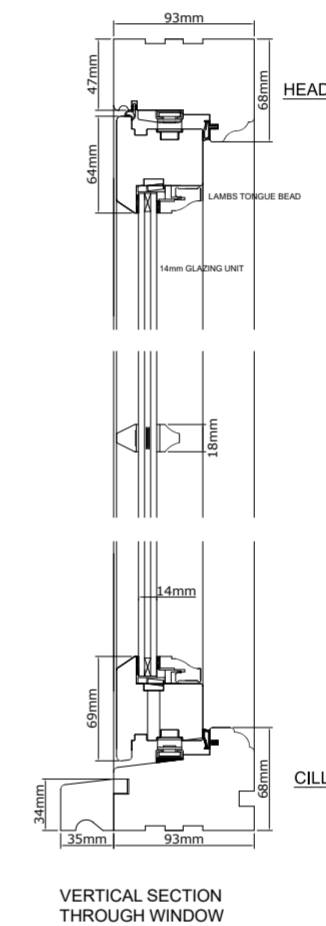
OPEN OUT FRENCH DOORS JAMB HORIZONTAL SECTION 14mm DOUBLE GLAZING



HORIZONTAL SECTION THROUGH OPENING CASEMENT WINDOW WITH FIXED CENTRE SASH - 14MM DOUBLE GLAZING



HORIZONTAL SECTION THROUGH DOUBLE OPENING CASEMENT WINDOW WITH 14MM DOUBLE GLAZING



VERTICAL SECTION THROUGH WINDOW

WINDOWS AND EXTERNAL DOORS:

All existing windows and external doors are to be overhauled and restored as necessary by specialist company using reclaimed timbers such as pitch pine and oak together with epoxy resin compounds and left in full working order. Any windows which are not suitable for restoration are to be replaced, in agreement with the Conservation Officer, with timber windows to match original constructed to same specification as new windows.

All existing uPVC windows, in locations shown on plans, are to be removed and replaced with Mumford & Wood (or similar) Conservation Range timber casement windows with 14mm slim double glazed units. Whole window U value 1.4 W/(m2K).

New French windows to breakfast area are to be Mumford & Wood (or similar) Conservation Range timber French windows with 14mm slim double glazed units and insulated timber panel consisting of 45mm raised and fielded panel, 28mm flat panel with bolelection moulding. Whole French window U value 1.4 W/(m2K). Glazing to be toughened in accordance with part K of the Building Regulations.

New roof windows to kitchen area are to be Conservation rooflights manufactured by The Rooflight Company with whole unit U value of 1.5 W/(m2K).

SECONDARY DOUBLE GLAZING:

All existing windows are to be fitted with "CosyGlazing" secondary double glazing and draught proofing system manufactured by Mitchell & Dickenson (or similar), ensuring all windows to ground floor sitting room and all first floor habitable rooms have an unobstructed opening of at least 0.33m2 and at least 450 high x 450 wide with the bottom of the opening not more than 1100 above floor level for emergency egress. The front first floor windows to bedrooms 2 and 3 are to have the double glazing system set back 50-100mm from the primary glazing to increase sound insulation and reduce road noise in the rooms

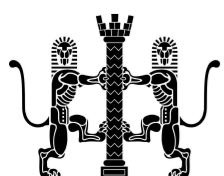
INTERNAL DOORS:

All modern internal doors are to be replaced with reclaimed period doors to match as near as possible the original doors.

All existing and reclaimed period panel doors forming fire resistant escape route from second floor living accommodation to ground floor and from cellar, in locations shown on plans, are to be upgraded to give 30 minutes fire resistance with Envirograf intumescent coatings. Flat panel doors with beads to be at least 30 thick with panels at least 9 thick. If existing doors are less than 30 thick, they are to be replaced. Doors to be coated with Envirograf HW system comprising 1 coat of HP/AW primer, 2 coats of HW01 and 1 coat of HW/04S undercoat. Preparation and application rates in accordance with manufacturers specification. Final decorative coats to client's choice. Fire doors to be fitted with 3 steel butt fire door hinges.

The existing modern door to second floor bedroom 8 is to be removed. Due to the thickness of the new insulation to the sloping ceiling adjoining this door the replacement door, which will have its top corner removed to accommodate the new sloping ceiling level, is to be a ledged and braced door a minimum of 20 thick with 27 thick ledges and braces. The new door is to be coated both sides with Envirograf HW system and fitted with butt fire hinges as before to give 30 minutes fire resistance.

Glazing to new doors and screen between sitting room and drawing room to be in toughened glass in accordance with part K4 of the Building Regulations.



R.R. RIMMER

B.A., Dip. Arch., R.I.B.A.

CHARTERED ARCHITECT

24 Whitecourt
Uley
Dursley
Gloucestershire GL11 5TG
Tel: (01453) 861083

LANCASTER HOUSE, BRISTOL ROAD, THORNBURY BS35 3JA
(Grade II Listed Building) - alterations and refurbishment
Proposed construction details 2 of 3
A2 - Drg. No. 1694/13

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