

BRUCE CASTLE MUSEUM

FIRST FLOOR DOOR SCHEDULE

ALL AREAS

Document Ref : 7440-322

Rev A

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REVISIONS

| REVISION | DATE     | REVISION                                                       | SIGN |
|----------|----------|----------------------------------------------------------------|------|
| A        | 24/10/23 | Updates added in red text. Appendix A added to end of document | RG   |
|          |          |                                                                |      |
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NOTES RELATING TO THE FOLLOWING SCHEDULE:

- 1. CELLS WHICH APPLY TO MEND FUNDED AREAS ARE INDICATED WITH BLUE BACKGROUND.
- 2. ALL NEW IRONMONGERY WHICH IS BEING FITTED TO FIRE DOORS IS TO HAVE ALL NECESSARY INTUMESCENT HARDWARE PROTECTION TO SUIT THE FIRE RATING OF THE DOOR SET.

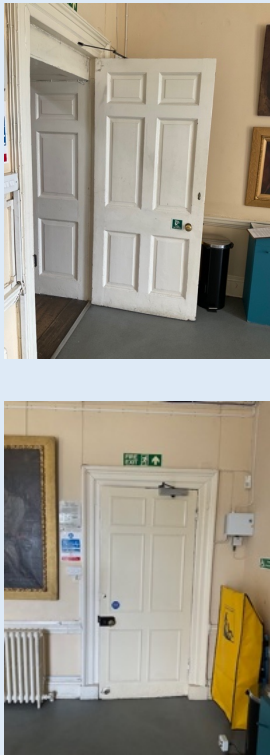
| Door ref.   | Room ref.         | Photos                                                                                                                                                               | Door Size         | Min. Panel Thickness | Description of existing door                                                                                                                       | Notes/Existing condition                                                                                                                                                                                                                                                     | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| FIRST FLOOR |                   |                                                                                                                                                                      |                   |                      |                                                                                                                                                    |                                                                                                                                                                                                                                                                              |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| F1.Do1      | F1<br>SEARCH ROOM |   | 935 x 1960 x 45mm | N/A                  | <p>Replacement flush door with Georgian wired glazed vision panel. Vision panel size 290 x 690</p> <p>Gap at base of door varies from 15-30mm.</p> | <p>Existing doorstops are 15-17mm all round.</p> <p>Making good is required to old overhead closer positions on both architrave and door face.</p> <p>Door may benefit from a hold open device as it is propped open when room is in use.</p> <p>No fire or smoke seals.</p> | FD30S                                               | <p><b>Repairs to door leaf:</b></p> <p>Existing door leaf to be retained.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal). Allow for planting a hardwood lipping onto underside of leaf to reduce the threshold gap between door and floor.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)Make good redundant fixing positions to architrave, prepare and redecorate frame and architrave in a satinwood finish.</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>Door has 2 hinges which appear to be brass, partially painted. All screws are present although both hinges look like they may require replacement. Size 105x30mm.</p> <p>Overhead closer – Dormer, satin, stainless steel finish.</p> <p>Pull handle to F1 face, opened by pushing from F16A side-no push plate.</p> <p>3 lever Mortice lock at low level – no escutcheons, satin stainless-steel finish.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>Remaining ironmongery to be replaced with new unlacquered polished brass – Pull handle and 3 lever mortice lock.</p> <p>Allow for supply and fix of new unlacquered brass push plate to F16A face of door.</p> <p>Supply and install new polished brass combined overhead closer and hold open device linked to the fire alarm system. <i>Note: Location of magnetic release button is to be agreed on site.</i></p> <p>Supply and fix new 76mm dia. ‘Automatic Fire door keep clear’ signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref.         | Photos                                                                                                                                                              | Door Size         | Min. Panel Thickness | Description of existing door                                                                                                                                                                                                                                                                                                                                                                                                                     | Notes/Existing condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| F1.Do2    | F1<br>SEARCH ROOM |   | 937 x 2050 x 35mm | 9mm (assumed)        | <p>Door leaf appears to be a replacement.</p> <p>F16A side is six panel, flat panels with beading.</p> <p>Panels on F1 side have been boarded to finish flush with rails and stiles and beads have been applied to face (assumed previous upgrade?)</p> <p>Door reveals and head are timber panelled with beading to edges of panels to F16A face.</p> <p>Doorstops vary between 10-12mm.</p> <p>Gap at base of door varies between 10-20mm.</p> | <p>Previous repairs have been carried out on this door, location of a previous deadlock has been infilled with filler on the door, but not the frame. There was also previously a surface mounted night latch type lock- the door has been infilled with filler. The frame has been infilled with a timber piece repair which requires replacement.</p> <p>Door doesn't always latch when allowed to close using the closer.</p> <p>Original reveal panelled lining to staircase side is in poor condition with numerous open joints and loose panels.</p> <p>No fire or smoke seals.</p> | FD30S                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Existing door leaf to be retained.</p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Allow for planting a hardwood lipping onto underside of leaf to reduce the threshold gap between door and floor.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 &amp; 2.0 in Appendix A of this document for details of intumescent paint and card system (card application on one side only - F16A face).</b></p> <p>Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>Round bun knobs in brass finish. Rose to F16A side doesn't have any screw fixings, both knobs require overhaul or replacement.</p> <p>Knobs operate a latch, there is also a deadbolt which is operated by key. Key holes have covered brass escutcheons.</p> <p>There are two original hinges, the bottom hinge is pulling away from the frame. There is also cracking around the frame and architrave junction. All screws are present.</p> <p>Old style Overhead closer – Britain B in a silver/grey finish.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>Allow for replacement of existing knobs with new unlacquered brass bun knobs by Frank Allart.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled as necessary.</p> <p>Supply and fix new 76mm dia. 'Fire door keep shut' signage in polished brass finish to both faces of door leaf.</p> |

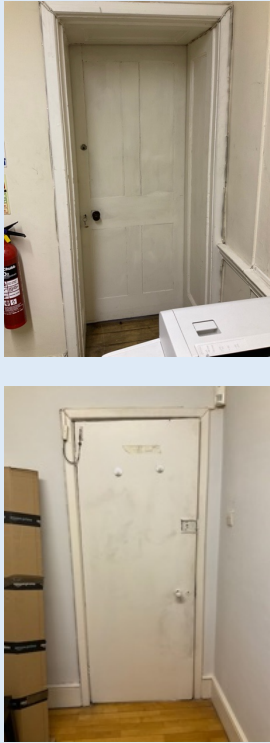
| Door ref. | Room ref.    | Photos                                                                             | Door Size         | Min. Panel Thickness | Description of existing door                                                                                                                                                                                    | Notes/Existing condition                                                                                                                                                                                                                                                                | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| F2.Do1    | F2<br>OFFICE |  | 760 x 1845 x 35mm | 3-5mm                | <p>Six panel leaf, flat panels with beading to F1 face. Door has been over boarded on F2 face presumably for fire upgrade?</p> <p>Timber panelling to reveals and head, flat panels with beading to edges..</p> | <p>Some cracking is present through panels and around edge of beading. Cable work is fixed to and penetrating through head panel.</p> <p>Additional timber doorstops have been screwed to frame with gap left for (now missing) night latch fitting.</p> <p>No fire or smoke seals.</p> | FD3oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Existing door leaf to be retained.</p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Remove over boarding from back face of door.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Replace door stop (full height) to closing edge of frame in details to match existing.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 2.0 in Appendix A of this document for details of intumescent paint and card system which is to be applied to both sides of leaf.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>2 no hinges.</p> <p>Pair of Oval, brass knobs, operate latch, latch also has deadlock which is operated by key to both faces with painted escutcheons.</p> <p>Yale night latch in grey finish with round brass escutcheon to F1 face.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>Supply and install new polished brass overhead door closer.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled as necessary.</p> <p>Supply and fix new 76mm dia. 'Fire door keep shut' signage in polished brass finish to both faces of door leaf.</p> |

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| F4.Do1    | F4<br>SOUTH GALLERY |   | 957 x 2025 x 55mm | 25mm                 | <p>Six panel raised and fielded door originally which has been altered to provide GWG glazing to the centre panels of the door leaf.</p> <p>Door has panelled head and linings to F1 face – flat panels with beaded edging.</p> <p>The door has been upgraded on F1 side with over boarding to the top and bottom panels with new bead surrounds.</p> <p>Modern stops have been added to the existing door lining.</p> <p>Door is generally in good condition.</p> | <p>Linings have cracking around the edge of the panel and bead, and there are cable penetrations through the head lining.</p> <p>No fire or smoke seals.</p> | FD3oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Existing door leaf to be retained.</p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>3 no hinges which have been painted over all screws are present. Size is approximately 100 x 35mm</p> <p>Brass pull handle to room F4 side.</p> <p>Escape break glass latch which secures door. Operated by key from F4 side or an escape thumb turn on F1 face.</p> <p>F1 side has brass push plate.</p> <p>Overhead closer is old-style Britain C in silver grey finish.</p> <p>Redundant keyhole and escutcheon in SAA finish keyhole infilled on F1 face of door.</p> <p><b>Proposed:</b></p> <p>All ironmongery to be assessed and removed if redundant or overhauled as necessary.</p> <p>Supply and fix new 76mm dia. ‘Fire door keep shut’ signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref.           | Photos                                                                            | Door Size         | Min. Panel Thickness | Description of existing door                                                                                                                                                                                                                                                               | Notes/Existing condition                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| F4.Do2    | F4<br>SOUTH GALLERY |  | 960 x 2170 x 45mm | Unknown              | <p>Six panel raised and fielded door leaf.</p> <p>Panels have been over boarded on F4 face with beaded framing.</p> <p>Reveal depth is 610mm and is timber panelled all round, flat panels with beading to panel edges.</p> <p>Door stops have been upgraded to head 50 x 28mm timber.</p> | <p>Reveal linings have cracking around the edge of the panel and bead, and there are cable penetrations through the head lining.</p> <p>Paint and door surface in poor condition. Splitting around panel beads.</p> <p>Old infill locations from previous locks to door and frame.</p> <p>Door is warped at the top closing edge and doesn't close into frame properly. Large gap at head of door and above top hinge.</p> <p>No fire or smoke seals.</p> | FD3oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Existing door leaf to be retained.</p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Allow for planting hardwood lipping onto underside of leaf to reduce the gap between door and head frame.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for straightening leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>2 no large hinges 145mm high</p> <p>Rim lock/latch with brass bun knobs operating latch which sticks. Lock operated by key from both sides.</p> <p>SAA oval escutcheon to lobby face.</p> <p>Union 3 lever lock with keyhole to room face and covered polished brass escutcheon (round) to lobby face.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled as necessary.</p> <p>Supply and install new polished brass overhead door closer.</p> <p>Supply and fix new 76mm dia. 'Fire door keep shut' signage in polished brass finish to both faces of door leaf.</p> <p><b>Provisional Item:</b> Supply and install new combined overhead closer and hold open device linked to the fire alarm system. Note: Location of magnetic release button is to be agreed on site.</p> |

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| F4.Do3    | F4<br>SOUTH GALLERY |  | 955 x 2170 x 55mm | 8mm<br>(assumed)     | <p>Six panel raised and fielded door leaf. Panels have been over boarded on F4 face with beaded framing.</p> <p>Reveals and head are also lined with raised and fielded panels.</p> | <p>Reveals and head are also raised and fielded panels with services penetrations through reveal panels.</p> <p>Door doesn't close into frame - binds on something.</p> <p>No fire or smoke seals.</p> | FD3oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Existing door leaf to be retained.</p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Allow for planting a hardwood lipping onto underside of leaf to reduce the threshold gap between door and floor.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Ease door to prevent binding and allow it to close into frame - allow for straightening leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>2 no large hinges.</p> <p>Door on hold open device fixed to floor.</p> <p>Briton 2oo4 overhead closer in SAA finish.</p> <p>Black rim lock/latch with brass bun knobs. Knob to staircase side in poor condition.</p> <p>Union deadlock with SAA covered round escutcheon to room side and decorative brass escutcheon to staircase</p> <p>Old door contact at high level?</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Remove existing magnetic hold open device and all redundant services to this location, along with existing overhead closer and make good fixing positions to joinery.</p> <p>Supply and install new combined overhead closer and hold open device linked to the fire alarm system. <i>Note: Location of magnetic release button is to be agreed on site.</i></p> <p>Supply and fix new 76mm dia. 'Automatic fire door keep clear' signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref.   | Photos                                                                            | Door Size         | Min. Panel Thickness | Description of existing door                                              | Notes/Existing condition                                                                                                         | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| F4.Do4    | F3<br>STORE |  | 780 x 1965 x 45mm | 5mm                  | Six panel raised and fielded door leaf. Appears to be a replacement door. | <p>Frame appears to have been added to with thin sections of timber - no apparent reason why.</p> <p>No fire or smoke seals.</p> | FD3oS                                               | <p><b>Repairs to door leaf/frame:</b></p> <p>Existing door leaf to be retained.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>2 no hinges painted over approx size 100x30mm</p> <p>Black rim lock/latch with brass bun knob to F4 face, SAA lever handle (no rose) to F3 face.</p> <p>3 lever deadlock with keyhole from F4 face only - SAA round escutcheon.</p> <p>Door contact plate?</p> <p>Old rim night latch has been removed, keep still exists on frame.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>Allow for replacement of existing lever handle with new Unlacquered brass rim knob.</p> <p>Supply and install new polished brass overhead door closer.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Supply and fix new 76mm dia. 'Fire door keep shut' signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref.    | Photos                                                                            | Door Size        | Min. Panel Thickness       | Description of existing door                                                                                                                                                                                                                                                                                                       | Notes/Existing condition                                  | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                  | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| F5.Do1    | F5<br>OFFICE |  | 38mm (thickness) | 38mm<br>Flush panel finish | <p>Four panel door leaf which has been added to / upgraded previously. F6 face appears to have had panels added to finish almost flush with rails / stiles. F5 face has been overboarded with a very thin panel.</p> <p>Opening has panelled (flat panels) reveals and head linings which have cablework penetrations through.</p> | <p>30mm gap at bottom.</p> <p>No fire or smoke seals.</p> | FD3oS                                               | <p>Existing door leaf is to be removed and handed to the Employer.</p> <p>Allow for supply and fix of new FD3oS leaf by Longden Doors (or similar approved) in details to match F9.Do1.</p> <p>Include for alterations to door stops to accommodate thicker 45mm door leaf.</p> | <p><b>Existing:</b></p> <p>2 no hinges</p> <p>2 no bakolight? Round knobs, painted over on F5 face. Knobs operate latch and deadlock which is operated by key.</p> <p>Keyholes have round escutcheons which have been painted over.</p> <p>Rim nightlatch fitting has been removed from F5 face of leaf (not made good), SAA keyhole escutcheon remains on F6 face.</p> <p>Door contact? At high level.</p> <p>2 no self adhesive plastic coat hooks to F5 face.</p> <p><b>Proposed:</b></p> <p>3no fire rated brass hinges.</p> <p>1no pair brass bun knobs operating latch and lock with oval cylinder and turn to escape from room side.</p> <p>2no brass escutcheons</p> <p>Supply and install new overhead brass door closer.</p> |

| Door ref. | Room ref.   | Photos                                                                                                                                                              | Door Size            | Min. Panel Thickness | Description of existing door                                                                                                                                                                                                                                      | Notes/Existing condition                                                                                                                                                                                       | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| F9.Do1    | F9<br>LOBBY |   | 960 x 2025<br>x 52mm | 8mm                  | <p>Six panel raised and fielded leaf. Numerous screw holes to F6 face of door which may indicate that this door was over boarded at one point.</p> <p>Opening has panelled (flat panels) reveals and head linings which have cable work penetrations through.</p> | <p>Door has square timber pattress fixed to face to enable knob to be fixed to F6 face.</p> <p>Held open on cabin hook at time of inspection.</p> <p>30-45mm gap at bottom.</p> <p>No fire or smoke seals.</p> | FD30S                                               | <p><b>Repairs to door leaf/frame:</b></p> <p>Existing door leaf to be retained and re-hung to open into F6.</p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal). Include for removal of pattress behind knob and for any necessary joinery repairs to door leaf to enable knob to be re-fixed without the pattress.</p> <p>Allow for planting a hardwood lipping onto underside of leaf to reduce the threshold gap between door and floor to a max. dimension of 10mm.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp1504DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp1504DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>2 no hinges</p> <p>Cabin hook.</p> <p>2no oval brass bun knobs, the knob on F6 face is fitted to a timber pattress.</p> <p>Rim night latch fitting (grey finish), operated by key from F9 face, keyhole has SAA round escutcheon.</p> <p>Old style Briton B overhead closer in silver/grey finish.</p> <p><b>Proposed:</b></p> <p>Remove cabin hooks and make good redundant fixing positions.</p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Remove existing overhead closer and make good fixing positions to joinery. Supply and install new combined overhead closer and hold open device linked to the fire alarm system. <i>Note: Location of magnetic release button is to be agreed on site.</i></p> <p>Supply and fix new 76mm dia. 'Automatic fire door keep clear' signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref.  | Photos                                                                            | Door Size                      | Min. Panel Thickness | Description of existing door                                      | Notes/Existing condition                               | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| F10.D01   | F10 OFFICE |  | ASSUME<br>960 x 2025<br>x 55mm | Unknown              | Three panel leaf, flat panels with beading. Upper panel is glazed | Large gap at bottom<br>Assume no fire and smoke seals. | FD30S                                               | <p><b>Repairs to door leaf/frame:</b></p> <p>Existing door leaf to be retained.</p> <p>Allow for carefully removing of existing architraves around this opening and filling any gaps between the structural opening and back of frame with Corofil insulation. Carry out repairs as necessary and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Allow for planting a hardwood lipping onto underside of leaf to reduce the threshold gap between door and floor to a max. dimension of 10mm.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system. Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp1504DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp1504DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing (Assumed):</b></p> <p>2 no hinges</p> <p>2no oval brass bun knobs operating latch and horizontal mortice lock.</p> <p>Rim night latch fitting, operated by key from F9 face, keyhole has SAA round escutcheon.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Supply and install new combined overhead closer and hold open device linked to the fire alarm system. <i>Note: Location of magnetic release button is to be agreed on site.</i></p> <p>Supply and fix new 76mm dia. ‘Automatic fire door keep clear’ signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref.             | Photos                                                                            | Door Size         | Min. Panel Thickness | Description of existing door                                                                                           | Notes/Existing condition                                                  | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| F11.D01   | F11<br>EDUCATION ROOM |  | 955 x 2030 x 55mm | 5mm                  | Six panel leaf, flat panels with bead surrounds.<br><br>Flat panelled reveal linings and head with cable penetrations. | Large gaps to head, hinge stile and bottom<br><br>No fire or smoke seals. | FD3oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Existing door leaf to be retained.</p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Allow for planting a hardwood lipping onto underside of leaf to reduce the threshold gap between door and floor to a max. dimension of 10mm.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 &amp; 2.0 in Appendix A of this document for details of intumescent paint and card upgrade system (card to be fixed to F11 face).</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>2 no large hinges</p> <p>2 no modern brass bun knobs operate latch. Lock has been painted over and was operated by keyhole from lobby face. Decorative keyhole cover to F11 face (black teardrop)</p> <p>High level oval knob turn which did operate latch, doesn't now operate.</p> <p>Union SAA deadlock operated by key on both sides, round SAA covered escutcheon on F11 face, SAA. Escutcheon on Lobby face.</p> <p>Inoperative (painted shut) sliding bolt.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Supply and install new combined overhead closer and hold open device linked to the fire alarm system. <i>Note: Location of magnetic release button is to be agreed on site.</i></p> <p>Supply and fix new 76mm dia. 'Automatic fire door keep clear' signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref.               | Photos                                                                              | Door Size                                                             | Min. Panel Thickness | Description of existing door                             | Notes/Existing condition                              | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| F13.Do1   | F9 / F13<br>STAIRCASE   |    | New door leaf:<br>976 x 2050 x 68mm                                   | 18mm                 | Existing opening with panelled reveals. No door present. | Refer to drawing no: 7440-312 for new door proposals. | FD6oS                                               | <b>Repairs to door leaf/frame/reveals:</b><br><br>Carefully remove existing timber linings to the reveals, head and threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration. Allow for fire stopping any penetrations through frame with a suitable intumescent product.<br><br>Include provision for new purpose made 6 panel FD6oS door and frame within existing opening with suitably sized fire and smoke seals. New door is to be made to match details of existing door F11.Do1. Include for adjustments to existing reveal linings to accommodate new door leaf as detailed on drawing no: 7440-312 | <b>Proposed:</b><br><br>Allow for the supply and fix of the following:<br><br>3no fire rated hinges in brass finish.<br><br>Combined overhead closer and hold open device linked to the fire alarm system. <i>Note: Location of magnetic release button is to be agreed on site.</i><br><br>1no Pair of unlacquered brass bun knobs by Frank Allart.<br><br>76mm dia. 'Automatic fire door keep clear' signage in polished brass finish to both faces of door leaf.                                     |
| F13.Do2   | F13 / F13A<br>STAIRCASE |  | OPENING SIZE<br>937 x 2210<br><br>New door leaf:<br>937 x 2205 x 58mm | 18mm                 | Existing opening with panelled reveals. No door present. | Refer to drawing no: 7440-313 for new door proposals. | FD6oS                                               | <b>Repairs to door leaf/frame/reveals:</b><br><br>Carefully remove existing timber linings to the reveals, head and threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration. Allow for fire stopping any penetrations through frame with a suitable intumescent product.<br><br>Include provision for new purpose made 6 panel FD6oS door and frame within existing opening with suitably sized fire and smoke seals. New door is to be made to match details of existing door F11.Do1. Include for adjustments to existing reveal linings to accommodate new door leaf as detailed on drawing no: 7440-313 | <b>Proposed:</b><br><br>Allow for the supply and fix of the following:<br><br>4no fire rated hinges in brass finish.<br><br>Allow for supply and fix of new Dorguard Smartsound Fire door retainers to base of both door leaves to enable doors to be held open when room is in use and close upon activation of the fire alarm 1no Pair of unlacquered brass bun knobs by Frank Allart.<br><br>76mm dia. 'Automatic fire door keep clear' signage in polished brass finish to both faces of door leaf. |

| Door ref. | Room ref.                 | Photos                                                                                                                                                                | Door Size         | Min. Panel Thickness | Description of existing door                                                                                                                                                                                                                         | Notes/Existing condition                                                                                                                                                                                                                                                                                                                                                                                   | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| F13A.Do1  | F13A<br>Services cupboard |                                                                                      |                   | N/A                  | Existing 20mm thick flush doors which have been upgraded on the back face with a 10mm fire rated panel (assumed)                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                            | FD3o                                                | No works proposed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p><b>Proposed:</b></p> <p>Retain as existing – cupboard is kept locked.</p> <p>Allow for new 76mm dia. ‘Fire door keep locked’ signage in polished brass finish to F13A face of doors.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| F15.Do1   | F15<br>NORTH GALLERY      |   | 875 x 1995 x 35mm | Unknown              | <p>Four panel door leaf, flat panels with beaded surrounds. Door has been over boarded on F15 face with 5mm panel, presumably for fire upgrade?</p> <p>Opening has panelled linings and head which are in poor condition, splitting and cracked.</p> | <p>Paint finish very poor.</p> <p>Reveal lining depth is 960mm.</p> <p>Additional door stops added to head and hinge side of opening - missing from closing edge.</p> <p>Existing ironmongery fittings (emergency break glass lock) is too big for thickness of door leaf to accommodate it (beading to bottom of upper left hand panel has been removed)</p> <p>Gap at bottom of door varies 10-20mm.</p> | FD3oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Existing door is to be removed and handed to the Employer. Allow for replacing leaf with new panelled leaf to match existing door F15.Do3. Carry out timber piece repairs/making good to frame and architrave as necessary (following removal of existing ironmongery)</p> <p>Replace missing doorstop to closing edge of leaf in size to match existing and allow for new panel bead to match existing (where currently removed).</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p>Arched recess within wall above door opening on F15 face needs investigation at door head. Allow for inserting 12mm Supalux panel into this recess (at head of door) from F15 side. Panel to be painted out to match adjoining joinery.</p> | <p><b>Existing:</b></p> <p>2 no hinges which are painted over approx. 105x25mm.</p> <p>2 no brass bun knobs in poor condition which operate rim lock/latch (fitted on F15 face). Lock has SAA oval escutcheon on staircase side.</p> <p>Door has a ‘break glass for emergency exit’ fitting to F15 face which is unlocked by SAA thumb turn from staircase side. This is also operated by SAA keyed oval cylinder on F15 face.</p> <p>Casing to escape latch fitting is too big for door as part of panel bead has been removed to accommodate it.</p> <p>Closer is old style Britain C in a silver grey finish.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Requirement for escape ironmongery is to be agreed with the Fire Officer and Building Control / Building Management Team</p> <p>Supply and install new combined overhead closer and hold open device linked to the fire alarm system. <i>Note: Location of magnetic release button is to be agreed on site.</i></p> <p>Supply and fix new 76mm dia. ‘Automatic fire door keep clear’ signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref. | Photos                                                                            | Door Size | Min. Panel Thickness | Description of existing door                     | Notes/Existing condition                                            | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ironmongery |
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| F15.Do2   | F14 WC    |  |           | Unknown              | Six panel leaf, flat panels with bead surrounds. | Door is fixed shut with a paper towel dispenser fitted on F14 face. | 60min wall infill to existing opening               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Door to be retained as existing with 9mm Supalux panel fixed over back face of door. Infill F14 face of opening using 50x50mm t.sw stud frame, gaps between studs to be filled with 50mm Isover APR insulation. Wall face to be finished with 18mm Birch faced ply for painting.</p> <p>Allow for removal of door stops from head and sides of frame prior to building shaftwall.</p> <p>Include for new painted timber skirting to base of new wall – skirting details to match existing within this room.</p> |             |

| Door ref. | Room ref.            | Photos              | Door Size                   | Min. Panel Thickness | Description of existing door                                         | Notes/Existing condition                                                                   | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| F15.Do3   | F15<br>NORTH GALLERY | IMAGE NOT AVAILABLE | ASSUME<br>960 x 2170 x 45mm | Unknown              | ASSUME:<br>Six panel raised and fielded leaf – NOT INSPECTED ON SITE | Door is held open on low level magnetic contact.<br><br>CONDITION UNKNOWN AS NOT INSPECTED | FD3oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Existing door leaf to be retained.</p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Allow for planting a hardwood lipping onto underside of leaf to reduce the threshold gap between door and floor to a max. dimension of 10mm.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing (Assumed):</b></p> <p>2 no hinges</p> <p>2no oval brass bun knobs operating latch and horizontal mortice lock.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Remove existing overhead closer and make good fixing positions to joinery. Supply and install new combined overhead closer and hold open device linked to the fire alarm system. <i>Note: Location of magnetic release button is to be agreed on site.</i></p> <p>Supply and fix new 76mm dia. 'Automatic fire door keep clear' signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref. | Photos                                                                            | Door Size         | Min. Panel Thickness | Description of existing door                                                                                                                                                                                                                                                                             | Notes/Existing condition                                                                                                                                                                                                        | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| F16.D01   | F16       |  | 735 x 1870 x 45mm | Unknown              | <p>Four panel leaf, with Georgian wired glazing to upper two panels, lower panels are flat with bead surrounds. Lower panels have been over boarded over on F16 face with beaded framing to over panels – assumed as previous upgrade.</p> <p>Reveals and head are also lined with timber panelling.</p> | <p>Ironmongery has been removed (locks) and door / frame has not been made good following removal.</p> <p>Decoration/finish of linings and architrave are poor to F16A face.</p> <p>Door propped open when building in use.</p> | FD30S                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Allow for planting a hardwood lipping onto underside of leaf to reduce the threshold gap between door and floor to a max. dimension of 10mm.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for adjustments to leaf to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Allow for fire stopping any penetrations through frame and reveals with a suitable intumescent product.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp1504DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp1504DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>2 no hinges, painted.</p> <p>2 no brass ring handles, ASSUME they don't currently latch door closed as it appears that latch/lock fitting may have been removed previously - Hole exists through door from both sides.</p> <p>Surface fixed hinge stile door closer in white finish.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>Allow for removal of existing ring handles and for replacement with 1no Pair of unlacquered brass bun knobs by Frank Allart with new horizontal latch.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Allow for supply and fix of new Dorguard Smartsound Fire door retainer to base of existing leaf to enable door to be held open when room is in use and close upon activation of the fire alarm.</p> <p>Supply and fix new 76mm dia. 'Automatic fire door keep clear' signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref. | Photos                                                                            | Door Size         | Min. Panel Thickness | Description of existing door                                                                                                                                                                                                                                                                                                                                                       | Notes/Existing condition                                                                                                                                    | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| F17.DO1   | F17       |  | 860 x 2055 x 45mm | Unknown              | <p>Four panel leaf, with Georgian wired glazing to upper two panels, lower panels are flat with bead surrounds. Lower panels have been over boarded on F17 face with beaded framing to over panels – assumed as previous upgrade. Door has glazed fanlight over which has been boarded over on F16A face.</p> <p>Reveals and head are also lined with timber panelled linings.</p> | Door doesn't close into frame properly; additional stops have been added in the past and they appear to prevent the door from closing fully into the frame. | FD3oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.</p> <p>Carry out making good to any areas on the door leaf / frame / architrave which have been affected by previous fixings or ironmongery removal, allow also for piecing in new timber to any previous repairs which have been carried out using filler.</p> <p>Allow for removal of redundant ironmongery and for timber piece repairs/making good to leaf/frame/architrave as necessary (following removal).</p> <p>Allow for removal and replacement of door stop with smaller section to ensure that door fits well into the frame all round and that it latches closed.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p>Allow for fire stopping any penetrations through frame and reveals with a suitable intumescent product.</p> <p><b>Upgrade works to fanlight:</b></p> <p>Remove over boarding to existing fanlight. Allow for screw fixing 12mm Supalux board over back face of existing fanlight. Board to be painted black on F17 face prior to fixing. Screw heads are to be countersunk and filled for painting over. Board to be painted out on F16Aface to match framework.</p> <p><b>Upgrade works to door leaf:</b></p> <p>Allow for carrying out intumescent paint upgrade to this door leaf. Paint to be applied to both faces of the leaf. <b>Refer to Fig. 1.0 in Appendix A of this document for details of intumescent paint system.</b> Door leaf to be finished with top coat of satinwood. Application to be in full accordance with Envirograf details and specification.</p> <p>Allow for routing out door leaf (sides and head) to take a new combined fire and smoke seal -</p> <p>Head: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p>Jambs: 1no 15x4mm Lorient Lp15o4DS (white)</p> <p><u>NOTE:</u> Fire and smoke seals must not be painted.</p> | <p><b>Existing:</b></p> <p>2 no hinges, painted.</p> <p>2 no brass bun knobs in which operate horizontal latch/lock. Lock has SAA keyed oval cylinder on F16A side with SAA thumb turn to F17.</p> <p>Overhead door closer in SAA finish.</p> <p>Cabin hook in black finish.</p> <p><b>Proposed:</b></p> <p>Existing hinges to be removed, make good door leaf / frame as necessary and replace with 3no fire rated brass hinges.</p> <p>Allow for removal of existing cabin hook.</p> <p>All remaining ironmongery to be assessed and removed if redundant or overhauled / replaced as necessary.</p> <p>Allow for supply and fix of new Dorguard Smartsound Fire door retainer to base of existing leaf to enable door to be held open when room is in use and close upon activation of the fire alarm.</p> <p>Supply and fix new 76mm dia. 'Automatic fire door keep clear' signage in polished brass finish to both faces of door leaf.</p> |

| Door ref. | Room ref. | Photos                                                                              | Door Size                                                                                  | Min. Panel Thickness | Description of existing door                 | Notes/Existing condition                          | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| F17.Do2   | F17       |    | <p>Existing leaf:<br/>905 x 2040 x 40mm</p> <p>Proposed leaf:<br/>905 x 2040 x 54mm</p>    | N/A                  | Existing modern flush door leaf.             | Existing door to be removed and replaced.         | FD6oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>Existing door leaf is to be removed and replaced with new FD6oS flush fire door, primed for painting on site. Door leaf to incorporate fire and smoke seals.</p> <p>Existing 45x20mm door stops are to be removed and replaced with new smaller stops, sized to accommodate the new, thicker door leaf. New stops to have chamfered edge to match existing. <b>Stops are to provide min 15mm cover to door all round.</b></p> <p>Allow for timber piece repairs/making good to frame and architrave as necessary (following removal of existing door leaf and associated ironmongery).</p> <p>Prepare and redecorate all in a satinwood finish.</p>                                                                                                                                                                                                                      | <p><b>New Ironmongery:</b></p> <p>Allow for supply and fix of 3no new fire rated S/S hinges.</p> <p>Allow for supply and fix of 1no pair SAA lever handles with round rose back plate and suitable latch.</p> <p>Supply and install new SAA overhead door closer.</p> <p>Allow for supply and fix of new Dorguard Smartsound Fire door retainer to base of door leaf to enable door to be held open when room is in use and close upon activation of the fire alarm.</p> <p>Supply and fix new 76mm dia. 'Automatic fire door keep clear' signage in S/S finish to both faces of door leaf.</p>        |
| F18.Do1   | F18       |  | <p>Existing opening size:<br/>792 x 2047mm</p> <p>Proposed leaf:<br/>786 x 2040 x 54mm</p> | N/A                  | Existing opening with glazed fanlight above. | Door doesn't currently exist within this opening. | FD6oS                                               | <p><b>Repairs to door leaf/frame/reveals:</b></p> <p>New FD6oS flush fire door, primed for painting on site to be installed into this opening. Door leaf to incorporate fire and smoke seals.</p> <p>Existing 50x15mm door stops are to be removed and replaced with new smaller stops, sized to accommodate the new, thicker door leaf. New stops to have chamfered edge to match existing. <b>Stops are to provide min 15mm cover to door all round.</b></p> <p>Allow for timber piece repairs/making good to frame and architrave as necessary.</p> <p>Prepare and redecorate all in a satinwood finish.</p> <p><b>Upgrade works to fanlight:</b></p> <p>Allow for screw fixing 12mm Supalux board over back face of existing fanlight. Board to be painted black on F18 face prior to fixing. Screw heads are to be countersunk and filled for painting over. Board to be painted out on F19 face to match framework.</p> | <p><b>New Ironmongery:</b></p> <p>Allow for supply and fix of 3no new fire rated S/S hinges.</p> <p>Allow for supply and fix of 1no pair SAA lever handles with round rose back plate and suitable latch.</p> <p>Supply and install new SAA overhead door closer.</p> <p><del>Allow for supply and fix of new Dorguard Smartsound Fire door retainer to base of door leaf to enable door to be held open when room is in use and close upon activation of the fire alarm.</del></p> <p><b>Supply and fix new 76mm dia. 'Fire door keep shut' signage in S/S finish to both faces of door leaf.</b></p> |

| Door ref. | Room ref.        | Photos                                                                              | Door Size                                                                      | Min. Panel Thickness | Description of existing door                                                                  | Notes/Existing condition                  | Fire Resistance Required (Aspirational requirement) | Proposed Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ironmongery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| F2o.Do1   | F2o<br>ARCHIVE A |    | Existing leaf:<br>910 x 2040 x 50mm<br><br>Proposed leaf:<br>910 x 2040 x 54mm | N/A                  | Existing modern flush door leaf with glazed 3 pane fanlight above.                            | Existing door to be removed and replaced. | FD6oS                                               | <b>Repairs to door leaf/frame/reveals:</b><br><br>Existing door leaf is to be removed and replaced with new FD6oS flush fire door, primed for painting on site. Door leaf to incorporate fire and smoke seals.<br><br>Existing 45x25mm door stops are to be removed and replaced with new smaller stops, sized to accommodate the new, thicker door leaf. New stops to match profile of existing.<br><br>Allow for timber piece repairs/making good to frame and architrave as necessary (following removal of existing door leaf and associated ironmongery).<br><br>Prepare and redecorate all in a satinwood finish.<br><br><b>Upgrade works to fanlight:</b><br><br>Allow for screw fixing 12mm Supalux board over back face of existing fanlight. Board to be painted black on F2o face prior to fixing. Screw heads are to be countersunk and filled for painting over. Board to be painted out on F1g face to match framework.                                                                       | <b>New Ironmongery:</b><br><br>Allow for supply and fix of 3no new fire rated S/S hinges.<br><br>Allow for supply and fix of 1no pair SAA lever handles with round rose back plate and suitable latch.<br><br>Supply and install new SAA overhead door closer.<br><br>Allow for supply and fix of new Dorguard Smartsound Fire door retainer to base of door leaf to enable door to be held open when room is in use and close upon activation of the fire alarm.<br><br>Supply and fix new 76mm dia. 'Automatic fire door keep clear' signage in S/S finish to both faces of door leaf. |
| F2o.Do2   | F2o<br>ARCHIVE A |  | Existing leaf:<br>910 x 2060 x 45mm<br><br>Proposed leaf:<br>910 x 2060 x 54mm | N/A                  | Existing modern flush door leaf with deep flush, timber lined reveals to F21 face of opening. | Existing door to be removed and replaced. | FD6oS                                               | <b>Repairs to door leaf/frame/reveals:</b><br><br>Carefully remove existing timber linings to the reveals, head and door threshold and install PFC Corofil CW mineral fibre insulation slabs to voids, fixed in place using CW galvanised steel retaining brackets in accordance with manufacturers details and recommendations. Carry out repairs as necessary to reveal linings and reinstate in full prior to redecoration.<br><br>Existing door leaf is to be removed and replaced with new FD6oS flush fire door, primed for painting on site. Door leaf to incorporate fire and smoke seals.<br><br>Existing 45x25mm door stops are to be removed and replaced with new smaller stops, sized to accommodate the new, thicker door leaf. New stops to match profile of existing.<br><br>Allow for timber piece repairs/making good to frame and architrave as necessary (following removal of existing door leaf and associated ironmongery).<br><br>Prepare and redecorate all in a satinwood finish. | <b>New Ironmongery:</b><br><br>Allow for supply and fix of 3no new fire rated S/S hinges.<br><br>Allow for supply and fix of new SAA pull handle to F2o face of leaf.<br><br>Allow for supply and fix of new escape hardware to this door in SAA finish.<br><br>Supply and install new SAA overhead door closer.<br><br>Supply and fix new 76mm dia. 'Fire door keep shut' signage in S/S finish to both faces of door leaf.                                                                                                                                                             |

**APPENDIX A**

Fig 1.o

ENVIROGRAF PRODUCT 42 UPGRADING DETAILS USING INTUMESCENT PAINT SYSTEM ONLY

Upgrading process for doors with panel thickness at least 9mm thick for 30 minutes  
Only paint the face of the door  
and at least 18mm thick for 60 minutes

CLEAR SYSTEM

1 coat of HW/AP Primer - at 10-12m² per litre  
Wet Film 85 µm - Dry Film 50 µm Water-based

2 coats of HW02/E - at 8m² per litre / per coat  
Wet Film 125 µm - Dry Film 75 µm Water-based

Apply Top Coat  
HW/EXCEL Clear - at 1 coat @ 10m² per litre  
Wet Film 100 µm - Dry Film 60 µm Solvent-based

How to apply Intumescent Coatings - see Page 10

WHITE or COLOURED SYSTEM

1 coat of HW/AP Primer - at 10-12m² per litre  
Wet Film 85 µm - Dry Film 50 µm Water-based

2 coats of HW01/F - at 8m² per litre / per coat  
Wet Film 125 µm - Dry Film 75 µm Water-based

1 coat of HW/04S Undercoat - at 12m² per litre  
Wet Film 85 µm - Dry Film 50 µm Solvent-based

You can apply your own decorative top coat after this system

Important Notes

Thickness in microns is per coat.

Ensure the doors are free from oil and grease

Make sure that Intumescent coating is applied to the risk side part of the doors ( room side, including beads ).

Every coat should be allowed to dry thoroughly before applying another ( especially important in clear system ).

4 Top Coat has to be applied on the same day ( do not leave without a Top Coat overnight ).

Note: This description also applies to Raised & Fielded doors with a minimum fielded thickness of 8mm.

SPECIAL NOTES ON COATINGS

Previously painted or varnished doors DO NOT need to be stripped, provided that the paint or varnish is in good order. Follow normal preparation procedures.

Contact Technical Office regarding veneers

SPECIAL NOTES ON STRIPPING

If the door needs to be stripped, ensure that all the stripping material has been cleaned off the door and off the grain of the wood. Do not apply Intumescent coating for about 6 weeks after stripping. During those 6 weeks daily wipe down with damp cloth.

NB: All knots must be appropriately treated before the application of Envirograf® products.

Fig 2.o

ENVIROGRAF PRODUCT 42 UPGRADING DETAILS USING INTUMESCENT PAINT AND CARD SYSTEM

Upgrading process for doors with panel thickness between 6-9 mm thick for 30 minutes  
Only paint the face of the door  
and between 12-18 mm thick for 60 minutes

CLEAR SYSTEM

1 coat of HW/AP Primer - at 10-12m² per litre. Coat all woodwork except panels Water-based  
Wet Film 85 µm - Dry Film 50 µm

2 coats of HW02/E - at 8m² per litre / per coat . Coat all woodwork including beads, except panels  
Wet Film 125 µm - Dry Film 75 µm Water-based

1 thin coat of Stabond on panels only  
Solvent-based

Apply IA Adhesive to the back of the veneer and the panels Water-based

Apply Veneer to the panels - see below for details

Apply Top Coat  
HW/EXCEL Clear - at 1 coat @ 10m² per litre  
Wet Film 100 µm - Dry Film 60 µm Solvent-based

WHITE SYSTEM

1 coat of HW/AP Primer - at 10-12m² per litre. Coat all woodwork except panels Water-based  
Wet Film 85 µm - Dry Film 50 µm

2 coats of HW01/F - at 8m² per litre / per coat . Coat all woodwork including beads, except panels  
Wet Film 125 µm - Dry Film 75 µm Water-based

1 thin coat of Stabond on panels only  
Solvent-based

Apply IA Adhesive to the grey side of the card and the panels Water-based

Apply Card to the panels - see below for details

After 4 hours apply HW04/S Undercoat to the whole face of door & panels  
Wet Film 100 µm - Dry Film 60 µm Solvent-based

You can apply your own decorative top coat after this system

Intumescent Card Application

Thickness in microns is per coat.



1. Scrape off all loose paint (not applicable for stained or polished doors).



2. Thoroughly rub down the door panels (inc. corners and edges) with coarse glass paper, providing a good key for the adhesive.



3. Thoroughly clean the panels, stiles, and rails of the door. Then coat the panels with the supplied Envirograf® Product 93 (Stabond).



4. Measure the panel size and cut out the veneer/ card required.



5. Once the Stabond is dry, apply IA adhesive to the panel and grey side of the veneer/card.



6. Apply the veneer/card or fire card to the panel.



7. Using a flexible spatular firmly press the veneer/card to the panel ensuring absolute contact over the whole surface.



8. An example of existing panel doors fully upgraded to Fire Rated Doors

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7440/Bruce Castle/Drawings/First floor door Schedule Sept 2023