



Glazing extents:
Screen 1 : Ground Floor to Second floor
Screen 2 : Ground Floor to Second floor
Screen 3 : First Floor to Second floor
Screen 4 : First Floor to Second floor
Screen 5 : Ground Floor to Second floor

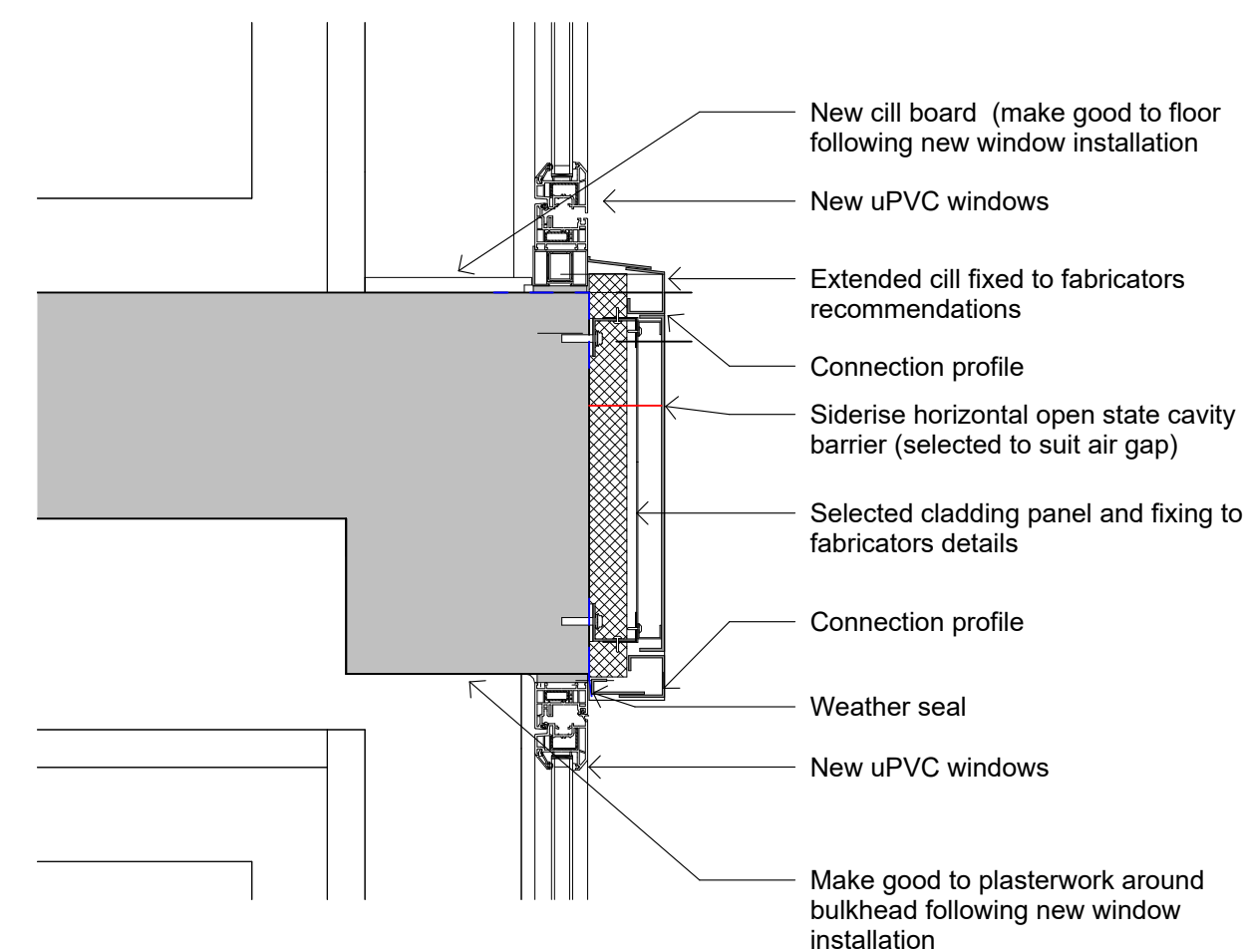


Diagram illustrating the construction details of a fire-rated door assembly, showing the following components:

- Face of firebreak clad to manufacturers details
- New upvc windows
- New partition constructed of 38x50mm truss studs infilled with Rockwool RWA45, clad with 9mm Supalux board with plasterboard and skim internally
- New architrave/beading
- Existing door and frame



Window specification

Provide good quality, high performance, purpose made UPVC windows and doors. (size and arrangement as per drawing) Windows are to be double glazed and the manufacturer is to provide FENSA certificates for all new windows/doors supplied. The section depth must be a minimum of 60mm. All windows to be internally beaded.

Windows and doors to comply with current British Standards and and cavity within the wall systems to have insulated cavity closers. DPC to openings to be installed to manufacturer's instructions.

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All Glazing in windows and doors shall be double glazing with a 16mm air gap and a 'soft' low-E coating or double glazed with a 12mm air gap, argon filled and a 'soft' low-E coating to achieve a U-value of 1.4 W/m²k or better.

Glass or glazing within 800mm of the finished floor level is to be toughened or laminated to comply with BS 6206:1981 Class C. All windows to have exposure rating to DD4 severe exposure classification.

Safety glazing complying with BS 6206:1981 shall be used within 300mm of doors, it should be permanently marked to that effect.

Windows to meet secure by design approval and should be capable of cleaning from the inside. Ground floor accessible windows to PAS 24:2016. If any windows are in vulnerable locations or are non-locking they are to be upgraded to 6.4mm laminated glass.

All external window & door openings to have DPC'S to all jambs, heads & cills, & to be 1 single length per application; and protrude min 150mm past the end of the lintel into cavity and at least protrude beyond vertical jamb DPC by 25mm.

All vertical dpc's are to project min 25mm into cavity from closer;
Vertical jamb dpc's are to protrude from reveal joint & wrap round to the external face of wall temporarily. Window or door frame to be installed from inside pushing out. DPC is then to be trimmed back to front edge of frame after securing frame & mastic has been pointed.

Ensure any projecting parts of the windows are kept away from people moving in and around the building.

Part B Internal Fire Spread

Cladding/Infill panel: Install horizontal and vertical firebreaks in locations as shown on the sectional elevations Screens 1-5.

Internal Fire Spread:
The existing internal fire doors are to remain. The section of internal partition adjacent to Screen 1 shown to be removed is to be rebuilt with minimum 38x50 trsw studs and infilled with Rockwool RWA45. The frame is to be clad with 9mm Supalux board. Internally this partition is to receive plasterboard and skim and externally cladded to manufactures details.

Part C Resistance to moisture

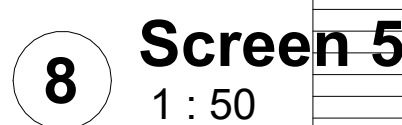
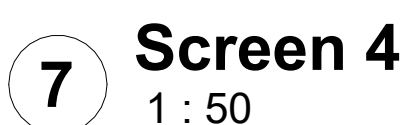
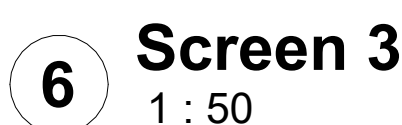
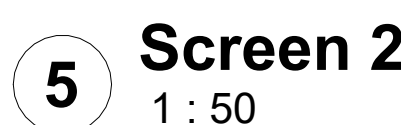
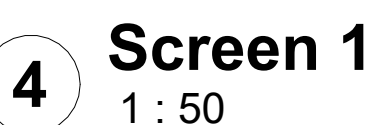
Cladding/Infill panel:
Cladding manufacturer to provide fixing and framing details, weather proofing details, flashing, cover trim and ventilation details.

Part F Means of Ventilation

The replacement glazing screens incorporate the same number of opening lights and to the same size therefore ventilation to the building will not be made less satisfactory than existing as a result of the proposed work.

Part L Conservation of fuel and power

The common parts of the building where Screens 1-5 are being installed are **unheated**. The U-value of the new glazing screens should be 1.4W/m²k or minimum Window Energy Rating Band B.

[illegible]

PRELIMINARY

PROJECT:
Carlton Grange

DRAWING NAME:

Proposed Sectional Elevations & Details

DRAWING NUMBER:
0223-JPH-XX-ZZ-DR-A-005

JPH ARCHITECTS
LIMITED

DATE: 01.03.23	STATUS: S1	REV:
SCALE: As indicated @ A1	PURPOSE OF ISSUE: Building Regulations	

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