

Specification for New Replacement Windows

General.

The design and construction of the replacement windows and associated services is to comply in all respects with the current edition of the Building Regulations whether or not specifically stated on the drawings.

All materials and workmanship to comply with the current edition of the relevant British Standard Specification and Codes of Practice.

Figured dimensions only are to be worked to and no measurements are to be scaled from the drawings. All Dimensions / Levels to be checked against existing levels and setting out and adjusted accordingly on site to align cill heights and window heights where practicable.

The drawings are produced in respect of Statutory Approvals only. It shall be deemed that all materials used and all works executed will, as a minimum, comply with this specification and the drawings submitted herewith.

All U-Values noted to be agreed with Building control officer Current values / specification indicated allow for No improvement factor on minimum standards. Where relaxation of figures is agreeable to suit existing / new build extent and limiting U-Values, buildup and insulation thickness to be adjusted as agreed with the building control officer.

Replacement Windows.

Windows are to be manufactured to suit Planning approved materials to be 100% draught proof by Manufacturer, are to be positioned the same as existing back from the outer structural reveal face as checked reveal.

All window frames are to have their installation tolerance voids (frame to structure) sealed and insulated using a Soudal Window system including a combination of acrylic flexible sealant with backing rod, flexifoam sealant and SWS inside tape to reduce cold bridging of the structure and improve acoustic and thermal performance.

Any gaps greater than 5mm to be packed with dense mineral fibre, prior to sealing. All frames externally are to be sealed around their perimeter with an appropriate acrylic flexible sealant and backing rod.

All windows are to be factory glazed using double glazed units specified by Manufacturer to achieve a U-Value of 1.0W/m²K for the frame and glass as a whole.

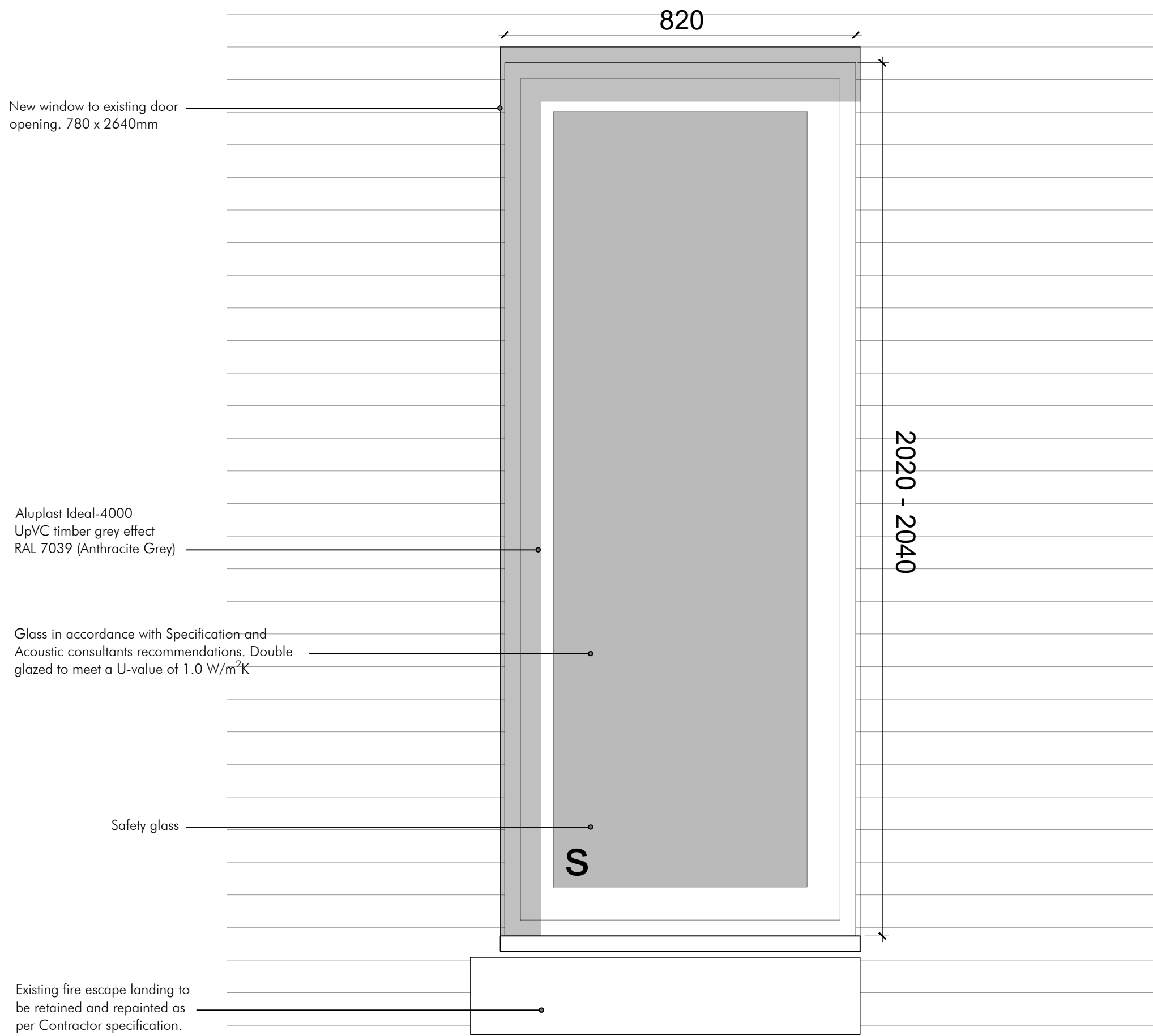
Cills which are below 800mm, must be either provided with suitable guarding to at least a level of 800mm above Finished Floor Level or have glazing which is defined in BS 6206: 1981 Specification for impact performance requirements for flat safety glass and safety plastics for use in buildings: clause 5.3 (noted as 'S' on Elevation drawings). The Window manufacturer is to provide calculations to prove that the window can withstand the force associated with a person falling against it. In all instances, approval to the calculations must be sought from Building Control prior to manufacture of the windows. Fixed restrictors to be fitted to all windows where cill is below 800mm to mitigate risk of falling through open window from height to building control officers approval.

Any habitable rooms where the replacement unit is the only window, to be fitted with a suitable ventilation system in compliance with Approved Document F.

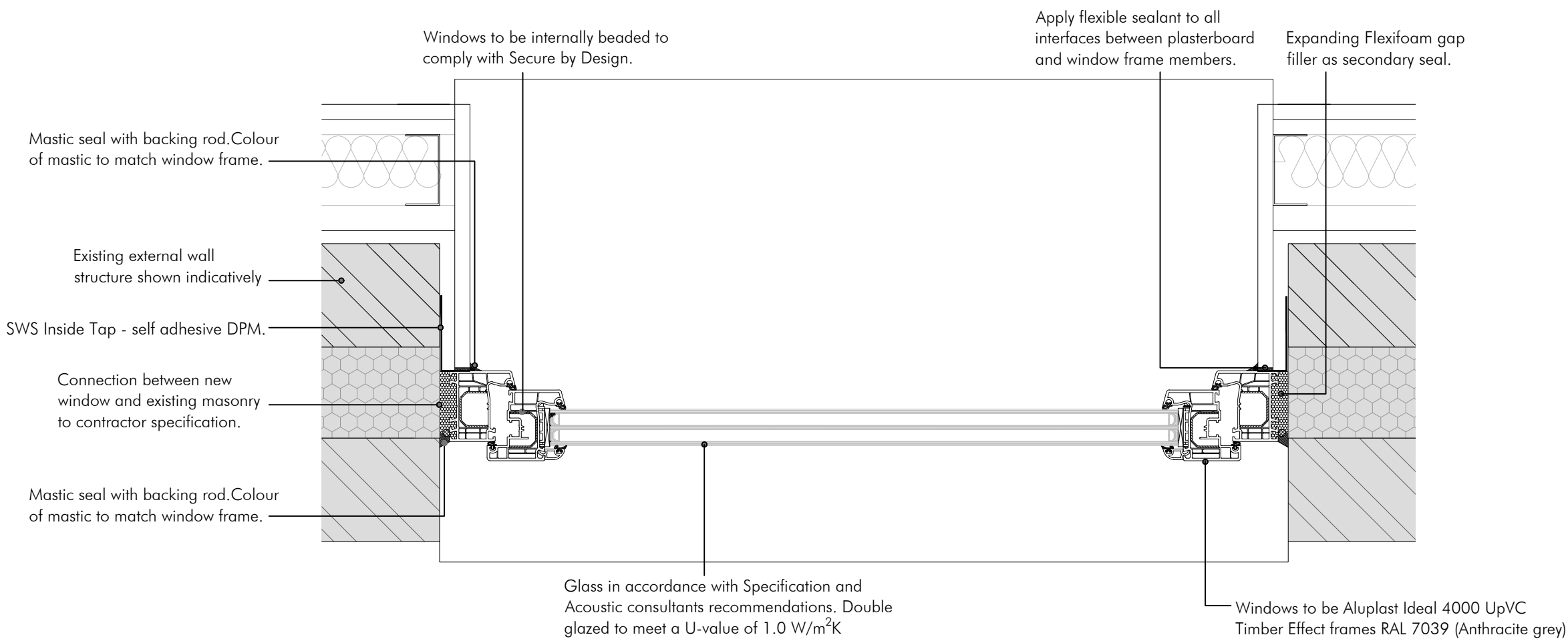
Before starting work on designated items take site dimensions, record on shop drawings and use to ensure accurate fabrication.

Note:

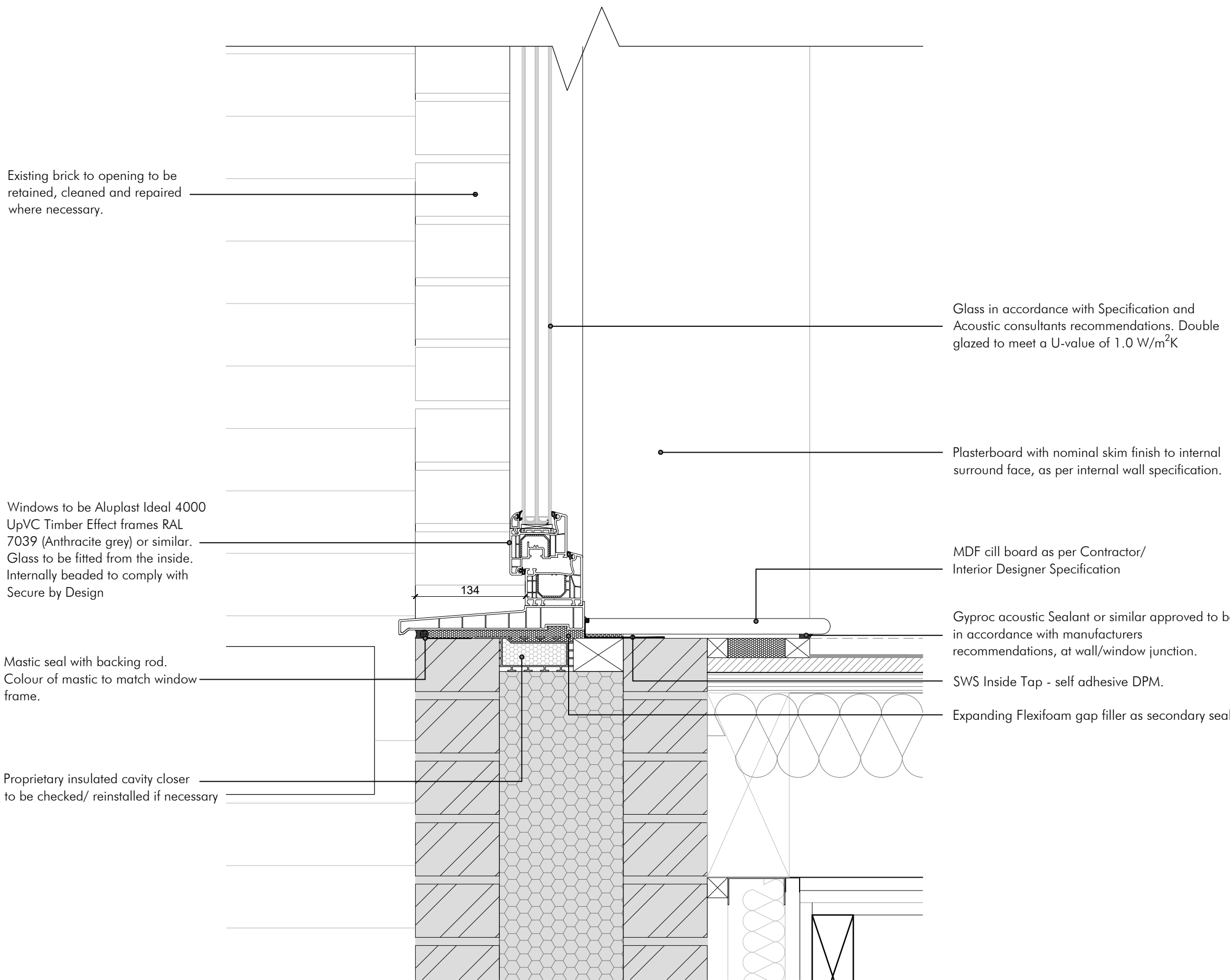
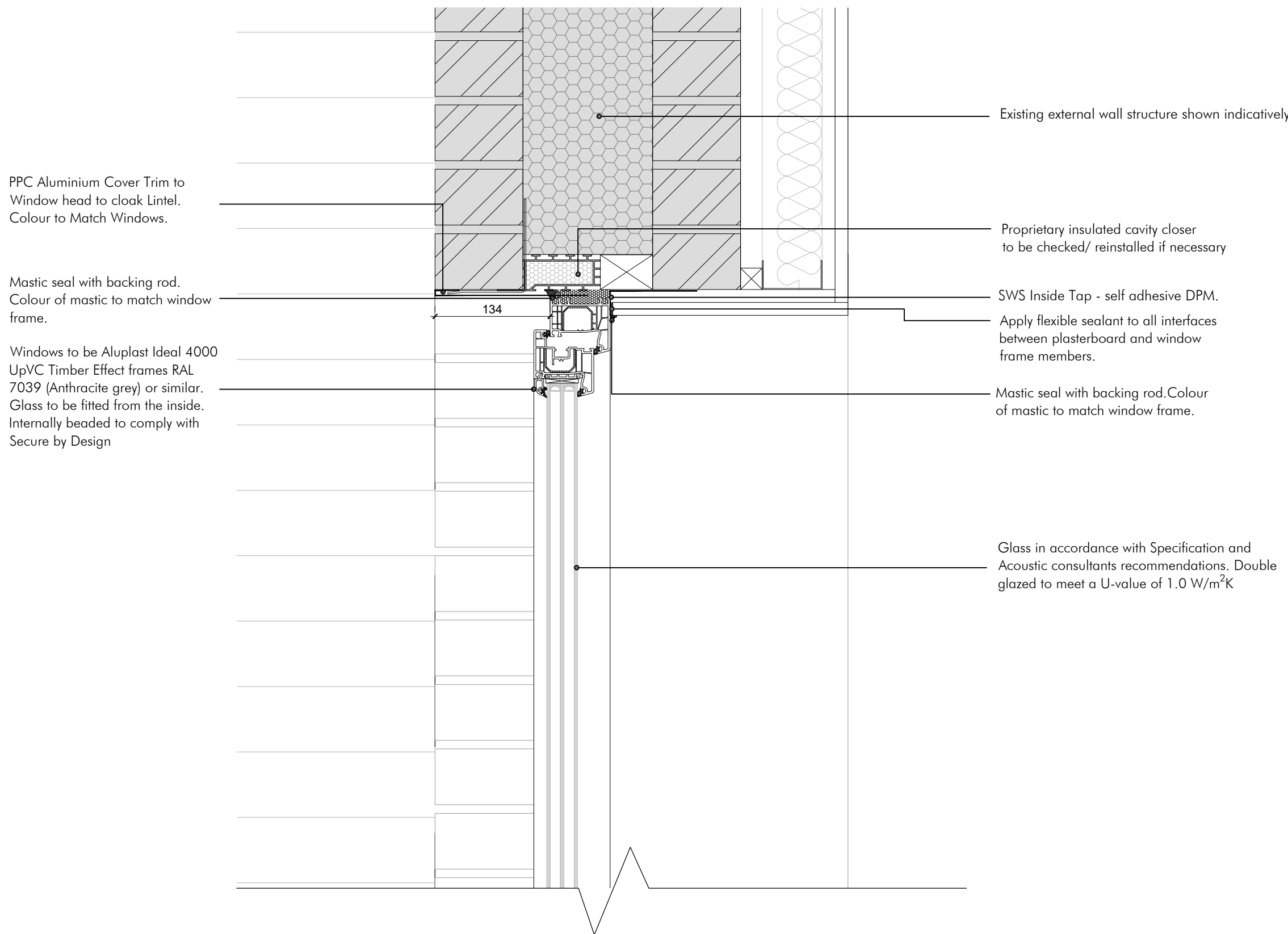
- Windows to be Factory Finished to Agreed Colour for final finishing on site - TBC by Client / Local Authority.
- Mastix sealant around windows to match frame Colour.
- Windows are to be manufactured are to be 100% draught proof.
- All Dimensions given on the Plans are to the Structural Opening.
- Refer to General Arrangement Plans and Elevations for setting out.
- All windows to be in accordance with The Current Building Regulations.
- All windows are to be to BS 644.
- The Appointed Manufacturer is to be currently registered under a third party quality assurance scheme.
- Exposure category to BS 6375-1/ Design wind load to be confirmed by the Structural Engineer.
- Operation and strength characteristics: To BS 6375-2.
- Glazing Beads, Drip Mouldings and the like to be agreed.
- Moisture content on delivery to be between 12-19%.
- Do not deliver to site components that cannot be installed immediately or placed in a clean, dry floored and covered storage.
- Stored components to be Stack vertical or near vertical on level bearers, separated with spacers to prevent damage by and to projecting ironmongery, beads, etc.
- Wood surfaces inaccessible after installation: Prime or seal as specified before fixing components.
- To be Install without twist or diagonal racking.
- Ensure correct positioning of the DPC in relation to window frames. Do not displace during fixing operations.
- Spacing of fixings, When not predrilled or specified otherwise, position fasteners not more than 150 mm from ends of each jamb, adjacent to each hanging point of opening lights, and at maximum 450 mm centres or as manufactures recommendations
- Two coats of bitumen solution to BS 6949 or an approved mastic to protect against corrosion.
- Impregnated tape to be applied before fixing components.
- Assemble and fix ironmongery carefully and accurately using fasteners with matching finish supplied by ironmongery manufacturer. Do not damage ironmongery and adjacent surfaces.
- Checking/ Adjusting/ Lubricating to be Carried out at Completion and ensure correct functioning.



PROPOSED WINDOW ELEVATION 1:10



PROPOSED PLAN THROUGH WINDOW



PROPOSED SECTION THROUGH WINDOW

CHESHIRE	SURREY	SHEFFIELD
Market Court 20-24 Church St Alkrincham WA14 4DW 0161 929 7622	100 High St Esher Surrey KT10 9QJ 01372 203 335	Electric Works 3 Concourse Way Sheffield S1 2BJ 0114 250 7983

CHAPEL WALKS, MANCHESTER
HOUSE CROWD

PROPOSED REPLACEMENT WINDOW DETAIL (WF16, WF17 and WS16)
DWG: 18183 (31) 001
DATE: 09.09.20
SCALE: 1:5 @ A1 DRAWN: RM