EXTERNAL WALL TYPE EW-03/EW-04
REFER 3000 SERIES FOR TYPICAL DETAIL

Wall tie locations shown indicatively. Refer to external wall type drawings for specification and required centres

METAL FRAMED WINDOWS:
by window manufacturer to Clarion ER's. Profiles shown indicatively. Refer to elevation drawings for colour

POLYURETHANE EXPANDING FOAM:
between window frame and wall to manufacturer's recommendations

MASTIC SEAL:
External grade with backer rod installed between window perimeter and brickwork. Colour to match window frame.

EXTERNAL SILL:
PPC pressed aluminium sill with lipped edges by window manufacturer. RAL colour to match window frame. Minimum 40mm overhang from external brickwork

WINDOW FRAME

STRUCTURAL OPENING

WATERPROOFING:
Integrated DPC to wrap cavity closer to provide a continuous layer of waterproofing.

WINDOW FORMER STONEWOOL CAVITY CLOSER WITH DPC:
Timloc Thermo-loc FR 30 or similar. Compression fit and built in with brick ties. Third-party tested to achieve fire rating of -/30/15 mins.

FLEXIBLE FOIL SEAL :
Internal air sealing membrane by installer.

WINDOW SUPPORT STRAPS:
Fixed back to structure by window manufacturer. Subject to thermal bridging assessment by Sustainability Consultant

INTERNAL WINDOW SILL:
22mm moisture resistant MDF painted window boards, bull nosed to all exposed edges. Colour to match skirtings and architraves.

SEALANT:
Flexible sealant applied to all junctions between plasterboard and window board

INTERIOR - HEATED

FLOOR TYPE FL-05:
REFER 3400 SERIES FOR TYPICAL DETAIL

FFL

SSL

CAVITY TRAY:
Visqueen Zedex CPT DPC fixed to blockwork in accordance with manufacturer's recommendations

WEEP HOLES:
Proprietary weep holes above cavity tray installed at max. 450mm centres above openings to drain cavity. Minimum 2no. weep holes per opening. Colour to match mortar

WEEP HOLE

CONCRETE LINTEL:
Naylor Xtrafire Lintel as per Structural Engineers specifcation.

STONEWOOL CAVITY CLOSER WITH DPC:
Thermo-loc FR 30 or similar. Compression fit and built in with brick ties. Third-party tested to achieve fire rating of -/30/15 mins.

MASTIC SEAL:
External grade with backer rod installed between window perimeter and brickwork. Colour to match window frame.

STRUCTURAL OPENING

WINDOW FRAME

STEEL LINTEL:
Catnic ANG Lintel as per Structural Engineer's specification.

PPC ALUMINIUM FLASHING :
1.6mm thick cover pressing mechanically fixed to lintel and window frame

METAL FRAMED WINDOWS:
by window manufacturer to Clarion ER's. Profiles shown indicatively. Refer to elevation drawings for colour

SERVICES VOID

INTERIOR - HEATED

WINDOW SUPPORT STRAPS:
Fixed back to structure by window manufacturer. Subject to thermal bridging assessment by Sustainability Consultant

POLYURETHANE EXPANDING FOAM:
between window frame and wall to manufacturer's recommendations

AIRTIGHT TAPE:
Proclima or similar to Sustainability Consultant specification sealed to window frame to manufacturer's recommendations. Sufficient overlap to be achieved

ACOUSTIC SEALANT:
Flexible sealant applied to all junctions between plasterboard and window frame

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INTERNAL STRUCTURAL OPENING

WINDOW FRAME

INTERIOR - HEATED

INDEPENDENT ACOUSTIC LINING:
GypLyner Single metal wall lining system

INTERNAL WINDOW SILL:
22mm moisture resistant MDF painted window boards, bull nosed to all exposed edges. Colour to match skirtings and architraves.

WINDOW SUPPORT STRAPS:
Fixed back to structure by window manufacturer. Subject to thermal bridging assessment by Sustainability Consultant

POLYURETHANE EXPANDING FOAM:
between window frame and wall to manufacturer's recommendations

ACOUSTIC SEALANT:
Flexible sealant applied to all junctions between plasterboard and window frame

FLEXIBLE FOIL SEAL :
Internal air sealing membrane by installer.

GL

MASTIC SEAL:
External grade with backer rod installed between window perimeter and brickwork. Colour to match window frame.

METAL FRAMED WINDOWS:
by window manufacturer to Clarion ER's. Profiles shown indicatively. Refer to elevation drawings for colour. Allow minimal overlap of window frame and brick reveal for mastic seal to manufacturer's recommendations. At least two thirds of depth of frame to be within insulation zone to minimise thermal bridging

WINDOW FORMER STONEWOOL CAVITY CLOSER WITH DPC:
Timloc Thermo-loc FR 30 or similar. Compression fit and built in with brick ties. Third-party tested to achieve fire rating of -/30/15 mins.

WATERPROOFING:
Integrated DPC to wrap cavity closer to provide a continuous layer of waterproofing.

MASONRY SUPPORT PLATE:
Ancon Reveal Support Plate or similar and approved to Structural Engineer's specification

EXTERIOR

EXTERNAL STRUCTURAL OPENING

WINDOW FRAME

EXTERNAL WALL TYPE EW-03/EW-04
REFER TO 3000 SERIES FOR TYPICAL DETAIL

MAX. 225

MEMBRANES KEY

High Performance DPC
DPC to cavity/fire barriers
Waterproofing Layer
Tanking Primer
Detailing Cover Strip
Air and Vapour Control Layer (AVCL)
Breather Membrane
Seperating membrane
EPDM
Airtightness Tape
Flexible Foil Seal
Fixing Strip
Acoustic Resilient Layer

Notes:
Do not scale. All dimensions are in millimetres unless otherwise stated. This drawing should be read in conjunction with all relevant project information and contract documentation. All dimensions to be checked prior to fabrication and or commencement of works. All works to comply with all relevant legal standards, building regulations and warranty provider requirements. Report any discrepancies, if in doubt ask.

Revisions:
Rev	Status	Date	Description	Drn	Chkd
C01	A4	14.08.24	CONSTRUCTION ISSUE	RQ	

Client Name:
London Square

Project Name:
Richmond College

Drawing Name:
Masonry Blocks - Acoustic Wall Window Detail

Drawing Number: DL0300-BPW-ZZZ-ZZ-DR-A-39610 | Rev: C01 | Status: A4

Project No: 23-057 | RIBA Stage: 4 | Drawn By: RQ | Scale: 1:5 @ A1

CONSTRUCTION

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01 Masonry Blocks - Acoustic Wall Window Jamb   1 : 5
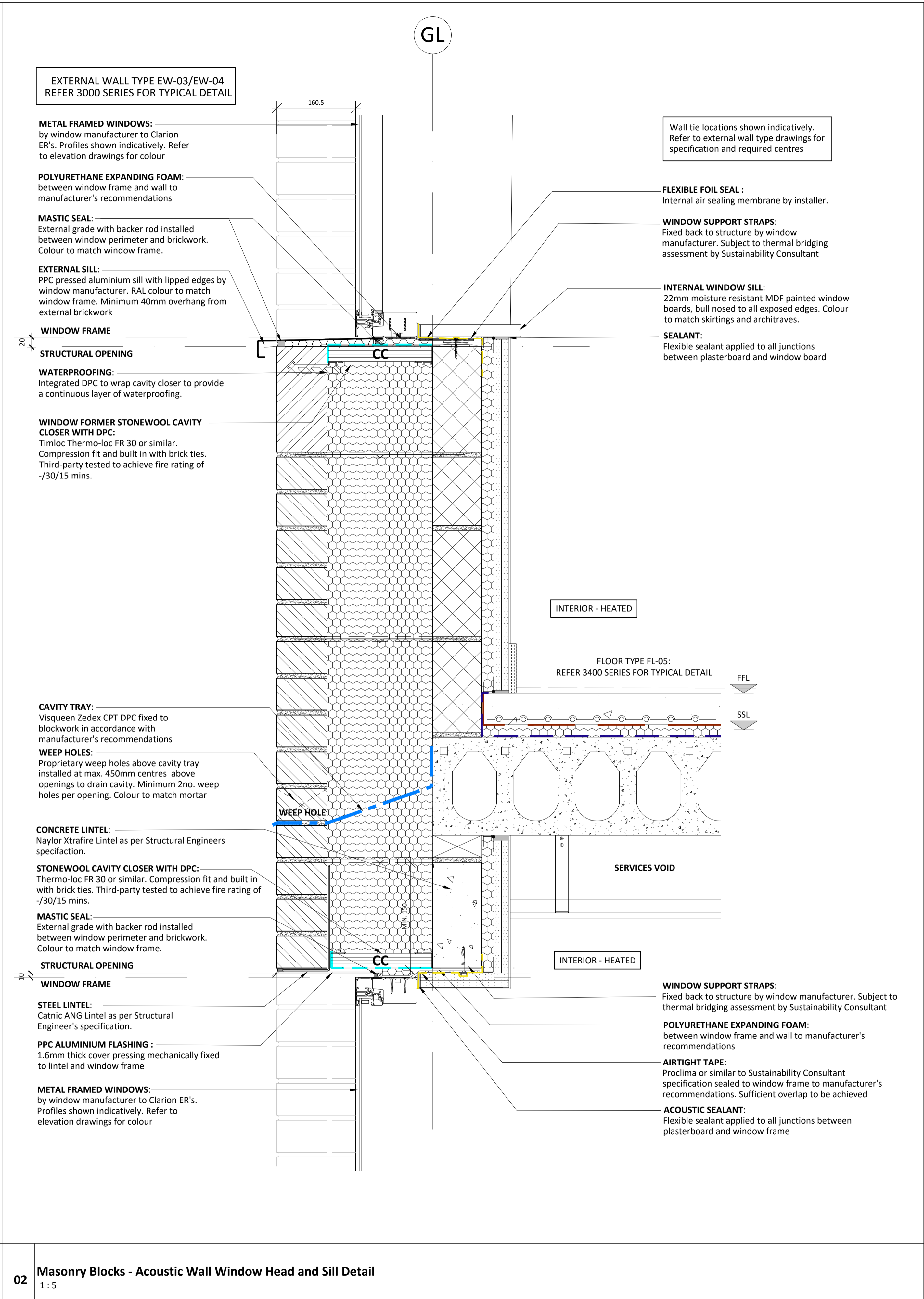
02 Masonry Blocks - Acoustic Wall Window Head and Sill Detail   1 : 5