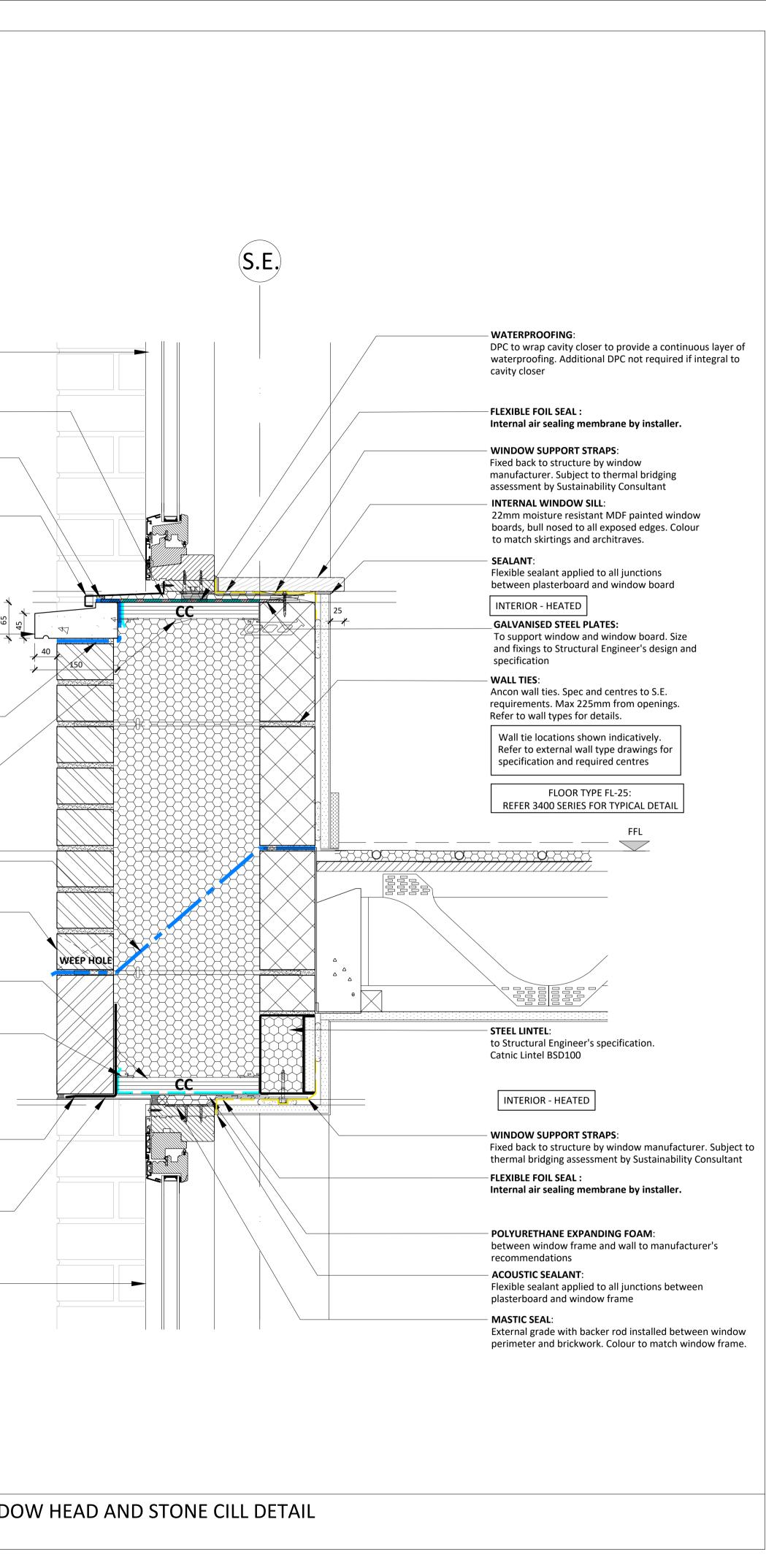


# **MASONRY HOUSES - STONE CILL WINDOW JAMB**

01 PLAN DETAIL



### EXTERNAL WALL TYPE EW-21/ EW-31 **REFER 3000 SERIES FOR TYPICAL DETAIL**

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 CILL PPC pressed aluminium sill with lipped edges

by window manufacturer. RAL colour to match window frame. To overlap stone cill top and be fully bedded on mastic seal.

## WINDOW FRAME

# STRUCTURAL OPENING

CAST STONE CILL 150x65mm slip cill. Reconstituted stone to BS 1217:2008 with 40mm projection beyond external face of brickwork. Old Portland colour. Mortar joints between stone members to be sand and cement, colour to match stone. WATERPROOFING: DPC cavity tray with stop ends to wrap behind and under stone cill and turned over top to provide a continuous layer of waterproofing

### WINDOW FORMER STONEWOOL CAVITY CLOSER WITH DPC:

Timloc Thermo-loc FR 30 or similar. Sized to fit cavity. Compression fit and built in with brick ties. Third-party tested to achieve fire rating of -/30/15 mins.

### 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

STONEWOOL CAVITY CLOSER WITH DPC: Thermo-loc FR 30 or similar. Sized to fit cavity. Compression fit and built in with brick ties. Third-party

tested to achieve fire rating of -/30/15 mins. WATERPROOFING: DPC to wrap cavity closer to provide a

continuous layer of waterproofing. Additional DPC not required if integral to cavity closer

### STRUCTURAL OPENING ₽\$ WINDOW FRAME

STEEL LINTEL

To Structural Engineer's specification. 2no. single leaf lintels per opening (1no. per leaf) to allow for a thermal break across the cavity

### LINTEL FLASHING

PPC pressed aluminium flashing with bend and 45 degrees drop to front edge. RAL colour to match window frame. Mechanically fixed to window head with colour matching fixings.

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

02 MASONRY HOUSES - WINDOW HEAD AND STONE CILL DETAIL SECTION DETAIL

### MEMBRANES KEY

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

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:									
	Status		Descriptio			Drn	Chkd		
C01	A4	03.10.24	CONTRA	CT ISSUE		RQ	PS		
London Square									
Project Name: Richmond College									
Drawing Name: Masonry Houses - Stone Cill Window Detail									
Drawing Number: Rev: Status: C01 A4							ŀ		
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