

**IMPORTANT NOTE:**

ALL MATERIALS AND COMPONENTS WITHIN EXTERNAL WALLS TO BE EITHER RATED EUROCLASS A1 OR A2,S1-d0 (WHEN ASSESSED TO EN 13501-1) UNLESS THEY ARE EXEMPT UNDER BUILDING REGULATION 7 AND FURTHER APPROVED BY BUILDING CONTROL

ALL MEMBRANES TO ACHIEVE CLASS B-S3,d0 OR BETTER

MOISTURE RESISTANT PLASTERBOARD TO BE USED IN WET AREAS AND AREAS OF HIGH HUMIDITY

ALL DETAILS TO ADHERE TO NHBC STANDARDS & ACCREDITED CONSTRUCTION DETAILS

**NOTE:**  
- CANOPY SUPPORT ELEMENTS TO BE REVIEWED BY STRUCTURAL ENGINEER.  
- CAVITY TRAY CLASH WITH STEEL ANGLE WITH CURRENT PROPOSAL.

**WALL TYPE EW-01:**  
REFER TO 3000 SERIES FOR TYPICAL DETAILS

**INTERIOR - HEATED**

**FLOOR TYPE FL-31:**  
REFER TO 3400 SERIES FOR TYPICAL DETAILS

**CANOPY SUPPORT ANGLE:**  
Galvanised steel angle at intervals fixed to RC slab

**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

**CAVITY TRAY:**  
Visqueen Zedex CPT DPC fixed to sheathing board and lapped over metal cover flashing in accordance with manufacturer's recommendations

**METAL FLASHING:**  
PPC pressed metal cladding secret fixed to masonry with colour matching fixings and covered by metal flashing embedded in mortar joint of masonry. Metal cover flashing to be same colour as canopy cladding.

**TIMBER NOGGINS TO FALLS:**  
50mm wide Timber noggins to specialist subcontractor design., height varies to create 1:40 fall

**METAL CANOPY:**  
PPC pressed metal cladding to specialist subcontractor design. Thickness of canopy to match stone band detail, refer to elevation drawings for RAL colour. Fixed via brackets to manufacturer's recommendations. 75mm cladding upstand to be sealed to brickwork and covered over with flashing.

**PLYWOOD:**  
18mm Plywood board to provide fixing substrate for the signage to front face of the canopy.

**SIGNAGE:**  
Allow for adequate support of signage to front of canopies. Refer to elevation drawings and Clarion ER's.

**CANOPY STRUCTURAL SUPPORT**  
SUBJECT TO BUILDING CONTROL CONFIRMATION

Roof area of canopy to be less than 6m<sup>2</sup>/ to allow roof to be free draining and not positively drained

1200 TO SUIT M4(3) REQUIREMENTS  
REFER TO 3801 - CANOPY TYPE 1 DIMENSIONS

1:40 FALLS TO FRONT OF CANOPY

300 - CANOPY DEPTH

**TIMBER NOGGINS:**  
50mm wide Timber noggins between timber joists to provide bracing, to specialist subcontractor design.

**TIMBER RAFTER:**  
180mm Timber Rafter to be fixed within the web of the PFC Steel, to specialist subcontractor design.

**CANOPY PRIMARY STRUCTURE:**  
200 x 90 x 30mm PFC Steel fixed back to concrete lintel to Structural Engineer's design and specification.

**GALVANISED PFC LINTEL:**  
Built into outer leaf of masonry. To S.E. Design & Specification.

**CANOPY SUPPORT BRACKET:**  
Galvanised steel plate welded to PFC and bolted to steel angle by others Galvanised steel plate fixed to PFC and bolted with thermal break to steel angle by specialist sub contractor.

**INTERIOR - HEATED**

**CONCRETE LINTEL:**  
Naylor XFS5 Fire-Spec Lintels - 140 x 140mm as per Structural Engineers design & specification.

**SUPPORT ANGLE THERMAL BREAK:**  
80mm thermal break connection to Structural Engineer's design, detail and specification. Ensure fire separation to cavity between levels.

**MEMBRANE KEY**

- High Performance Damp Proof Course
- Damp Proof Course
- Fixing Strip
- DPM to parapet plywood
- Detailing Cover Strip
- Air & Vapour Control Layer
- Breather Membrane
- Separating Membrane
- EPDM
- First Fix EPDM
- Airtightness Tape
- Cold Applied Liquid Waterproofing Membrane
- Air and Vapour Control Layer (AVCL)

**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
P01	S3	17.07.24	FIRST ISSUE	RQ	
P02	S3	02.08.24	Metal flashing increased to 2 brick courses	FA	
P03	S3	11.10.24	Updates to show support brackets as per Curtains structural markup 30.08.24.	RQ	

**Client Name:** London Square

**Project Name:** Richmond College

**Drawing Name:** Masonry Flat Blocks - External Canopy Type 1 Detail

**Drawing Number:** RCL-BPTW-ZZ-ZZ-DR-A-3861 **Rev:** P03 **Status:** S3

**Project No:** 23-057 **RIBA Stage:** 4 **Drawn By:** RQ **Scale:** 1:10 @ A3

**PRELIMINARY - FOR COMMENT**

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**01** Masonry Flat Blocks - External Canopy Detail  
1 : 10

