Stallan-Brand

Date: 30/07/2026 Rev.B

2027.00 Moss Lane East, Manchester

Facade Materials - Summary

Stallan-Brand
Architecture + Design

80 Nicholson Street, Glasgow G5 9ER
info@stallanbrand.com | 0141 258 5015

Introduction

This brief document has been prepared for the purpose of accompanying the presentation of the physical sample panel on site. The document provides a summary of the proposed facade materials for the scheme, some of which have been previously discussed and agreed with MCC.

The following pages show the main materials that make up the essence of the building facade, describing their unique design and appearance characteristics that enable to achieve the intended aesthetics for this scheme.



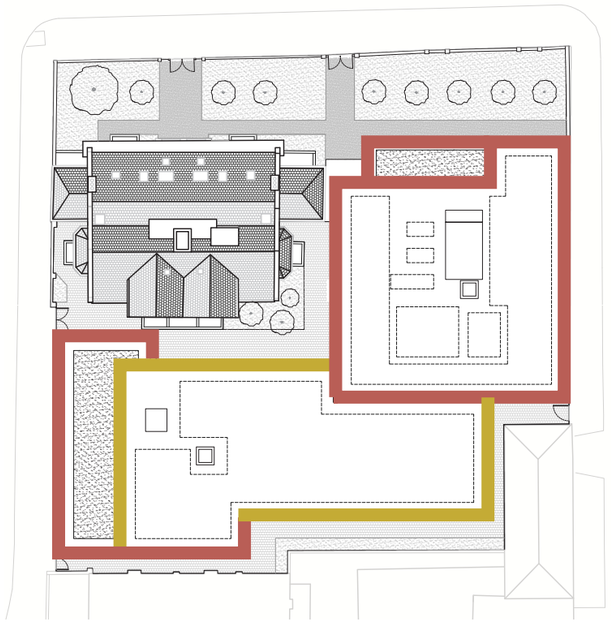
3D view from Whitworth Park, as consented

Agreed Brick Type Locations

These diagrams of elevations and the site plan articulate the locations of the two different brick formats used to distinguish the massing of the building.

Brick Type A:
Millhouse Blend by Ibstock, stretcher bond

Brick Type B:
Birtley Olde English by Ibstock, stretcher bond
with 15mm projecting bricks



Site Plan Key



North Elevation



East Elevation



South Elevation



West Elevation

Agreed Brick Type A: Millhouse Blend by Ibstock

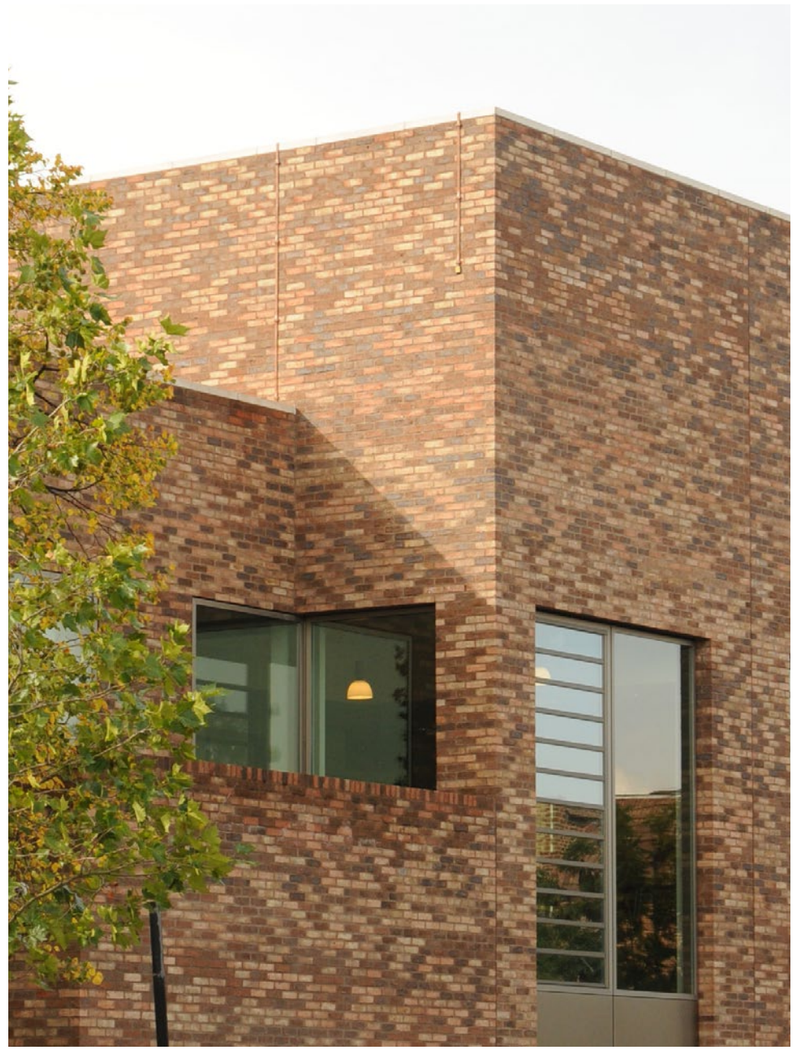
A rough, variegated brick is used unadorned at the rear and side facades of the existing listed building. Its presence is strong and unassuming. The proposed use of Millhouse Blend brick for the new building seeks to visually relate to the existing building and to create a strong connection to the history of the site. Tonally, this brick type will create a contrast to the adjacent parts of the building.

Existing listed building,
Moss Lane East





Millhouse Blend, Mock-up made on site,
1000mm (h) x 1000mm (w)



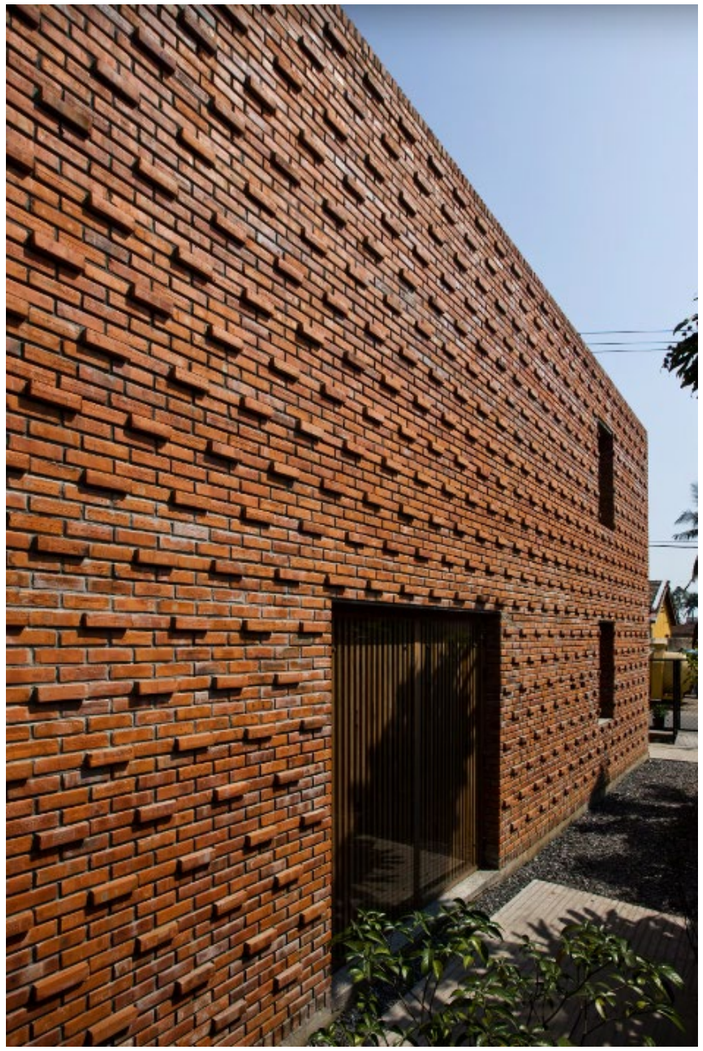
Built Example: Baldrey Gardens Clinic,
London, by Henley Halebrown

Alternative Brick Type B: Birtley Olde English by Ibstock

Following the principles of original design intent (in the consented scheme), a brickwork with projecting stretchers is adopted to the recessed facades of the building massing, adopting the alternative Birtley Olde English brick type. This brick type seeks to create contrast to its neighbouring blocks where the distinction created is textural rather than tonal.



Birtley Olde English, Mock-up made on site, 825mm (h) x 660mm (w)



Brick Bond Example: Termitary House, Tropical Space, Da Nang, Vietnam

Decorative Screen Design

The images shown on this page present the various motives and references that informed the design of the patterns developed for the decorative screens, including the wreath and rose ornament over the main entrance of the listed building, adopted for the initial design studies.

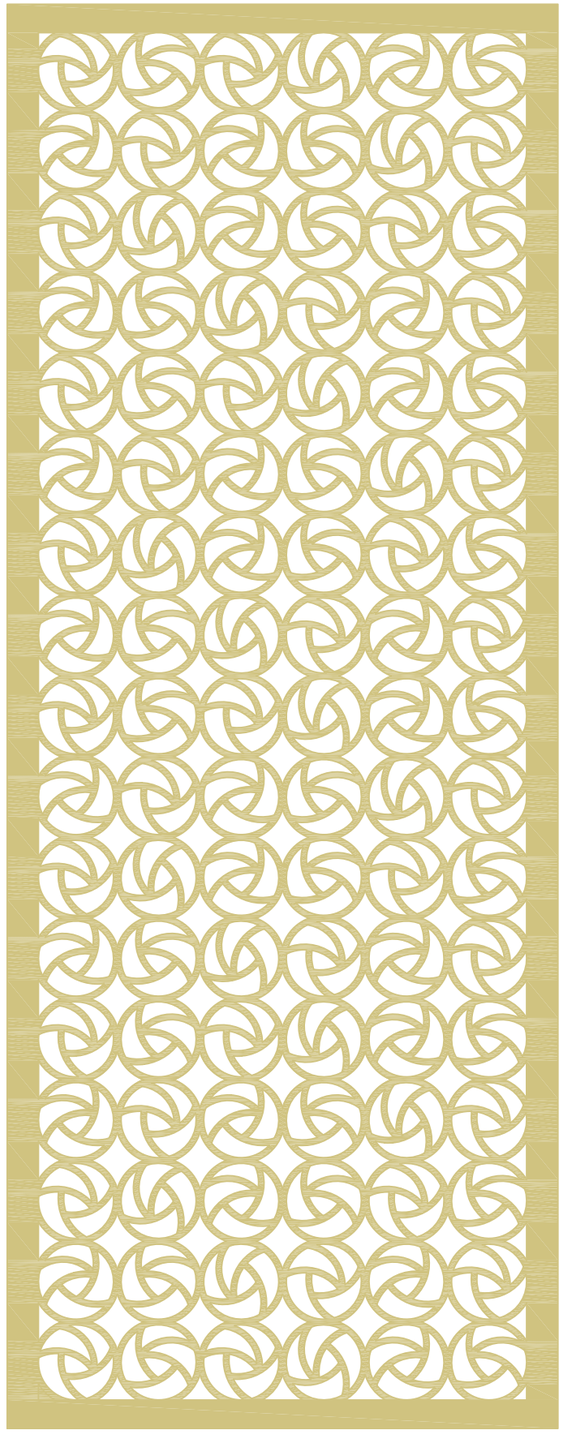
Following an exercise of preparing various design studies that examined adopting a particular motif whilst maintaining lightness and openness of the screen itself, it became apparent that achieving the pattern would require each of the metal sheets to be cut out, leaving a repeated abstracted graphic representation of the roses.
The presented rose graphics feature a consisted line thickness to ensure strength across the panel as well as a controlled degree of transparency through to the glazed spandrel panel behind this. The result of these moves achieves a light, filigree design reminiscent of the rose itself.





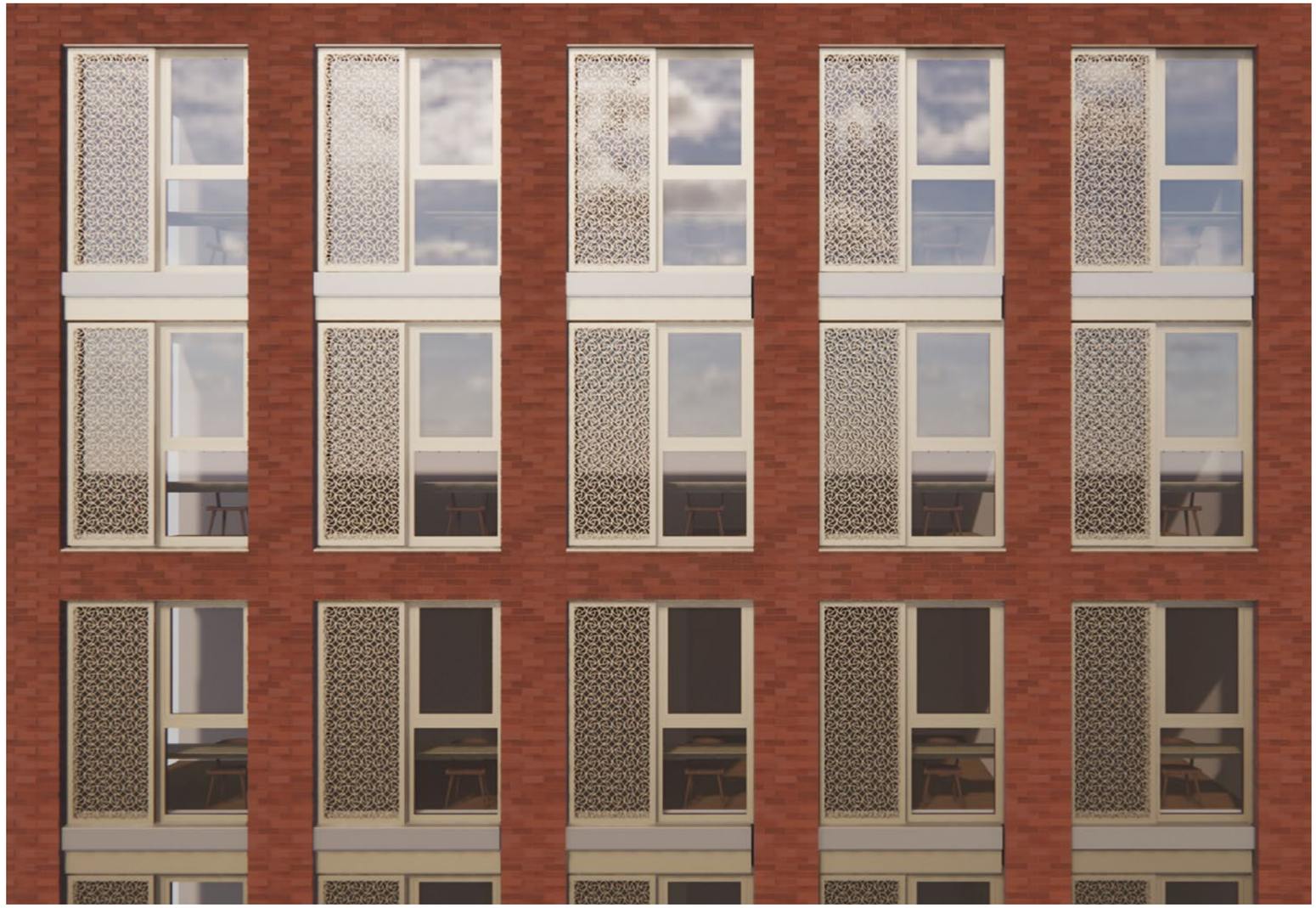
Decorative Screen Pattern (Circular Rose)

This rose pattern begins with an initial module that is repeated across the screen. Emanating from a similar motif used by Charles Rennie Mackintosh, this rose motif is an ordered grid of circles whose repeated form varies in orientation throughout. The resulting impression is of a bunch of roses when seen from above.
The proposed module of six roses across the width of the screen also allows for applying different screen widths to suit the various window sizes across the building elevations.



Decorative Screen Pattern (Circular Rose)





Facade Materials Diagram - Typical Upper Level



Upper cladding panel - RAL 7035
To express floor edge

Lower cladding panel - RAL 1035
To match window

Soffit flashings - RAL 1035
To match window

Aluminium frame window - RAL 1035
Base colour, grey bronze

Decorative screen - RAL 1035
To match window

Spandrel panel glazing - RAL 7010
To mimic vision glazing

Mastic sealant -
To match mortar colour

Cill flashings - RAL 1035
To match window

Facade Materials Diagram - Ground Floor Level



Upper cladding panel - RAL 7035
To express floor edge

Lower cladding panel - RAL 1035
To match window

Integrated aluminium louvre panel
above glazing - RAL 1035
To match window

Aluminium framed window - RAL 1035
Base colour, grey bronze

Decorative screen - RAL 1035
To match window

Spandrel panel glazing behind
decorative screen - RAL 7010
To mimic vision glazing

Cill flashings - RAL 1035
To match window

Facade Materials - Accepted Sample Panel Drawing

MATERIALS KEY:

1. Brick Type A
102.5mm Facing brick Millhouse Blend by Ibstock, in stretcher bond, mortar colour to be natural grey ref: M3PNH100 by CPI Euromix, 10mm bucket handle joints. Brickwork to be on masonry support system to specialist design.

2. Brick Type B
102.5mm Facing brick Birtley Olde English by Ibstock, in stretcher bond with 15mm projecting bricks as shown, mortar colour to be natural grey ref: M3PNH100 by CPI Euromix, 10mm bucket handle joints. Brickwork to be on masonry support system to specialist design.

3. Aluminium-framed window with double glazing
Single leaf window with fixed bottom light and fixed side glazed spandrel panel with external decorative mesh screen. PPC finish, RAL 1035 matt.
Glazed spandrel panel to be RAL 7010 on face 4.
Window to include trickle vent Pyracoust by Renson, with min 4000mm2 EA and 39dB acoustic rating when open.
Window to be on support brackets fixed back to SFS/slab edge, to specialist design.
EPDM applied to frame perimeter and sealed with VCL and breather membrane.
Mastic sealant to joint between window and brickwork to be fully recessed, colour to match mortar.

4. Decorative metal screen with bespoke pattern, on proprietary brackets fixed to window frame to specialist design. PPC finish, colour RAL 1035 matt.

5. PPC Aluminium cill flashing, RAL 1035 matt.

6. Aluminium cladding panel with PPC finish on proprietary bracket system to specialist design, colour RAL 1035. U/side of cladding panel to be perforated (see detail 06) to provide required opening area for MEV extract terminal.
Mastic sealant to joint between cladding and brickwork to be fully recessed, colour to match mortar.

7. Aluminium cladding panel with PPC finish on proprietary bracket system to specialist design, RAL 7035.
Mastic sealant to joint between cladding and brickwork to be fully recessed, colour to match mortar.

8. SFS framing supported off steelwork, with 12mm cement particle board to brick cavity side. Overall cavity width to be 245mm.

9. Breather membrane on cement particle board, sealed to window frame and lapped with EPDM.

10. 60MIN FR open state cavity closer at 'slab egde'.
11. 30MIN FR cavity closer to window jambs.

12. Steelwork to form support structure - to Structural Engineer's details.

13. 225x225x8 SHS to form slab edge - to Structural Engineer's details.

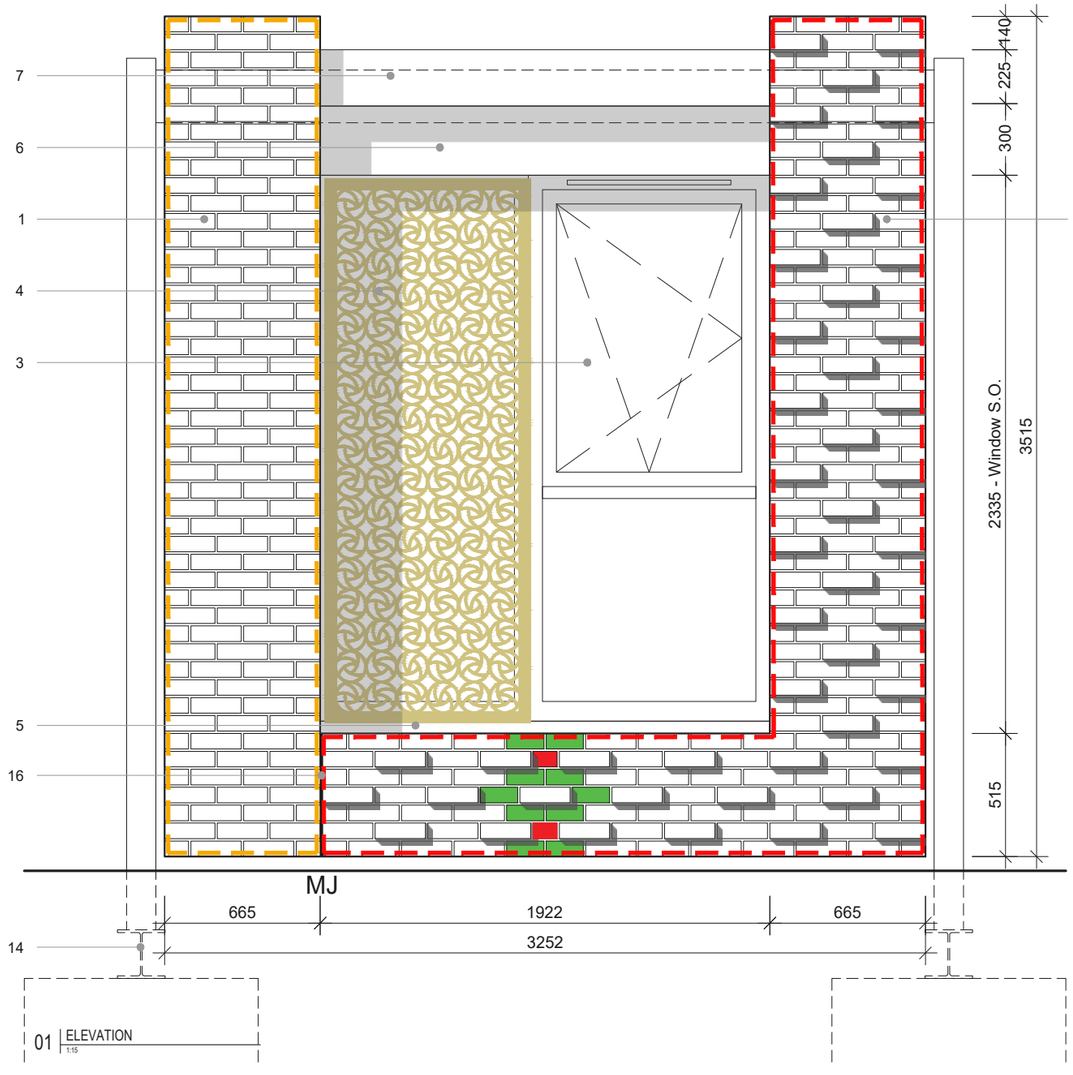
14. Foundation / base - to Structural Engineer's details.

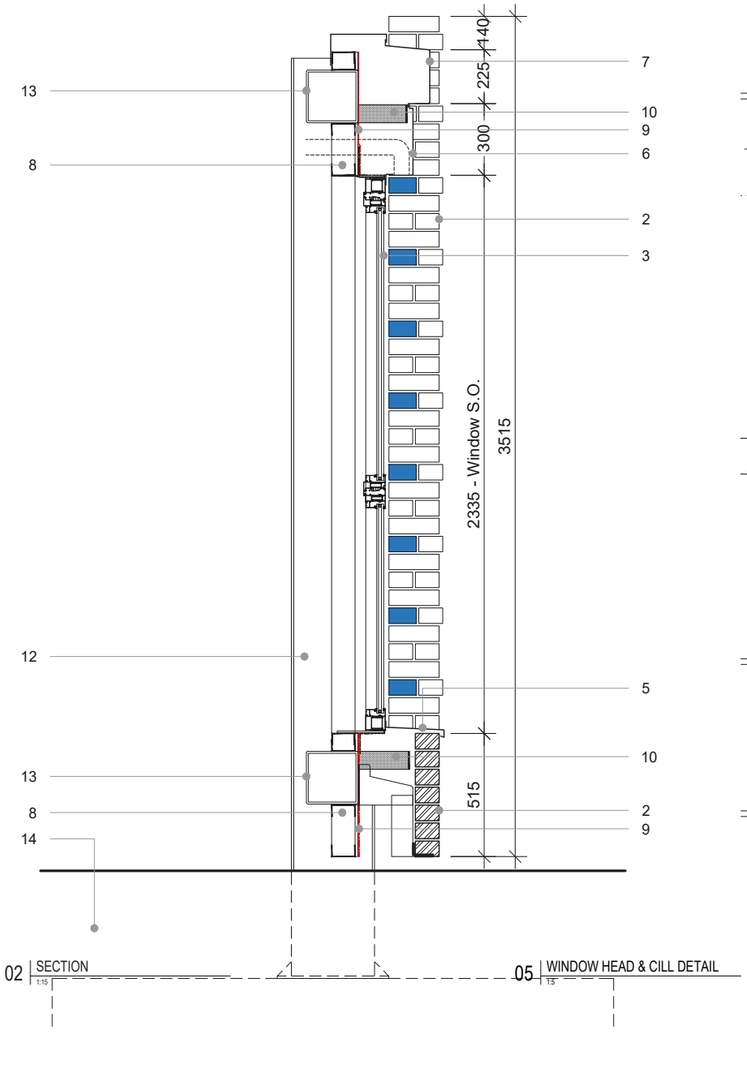
15. MEV vent ductwork terminating at u/side of cladding panel

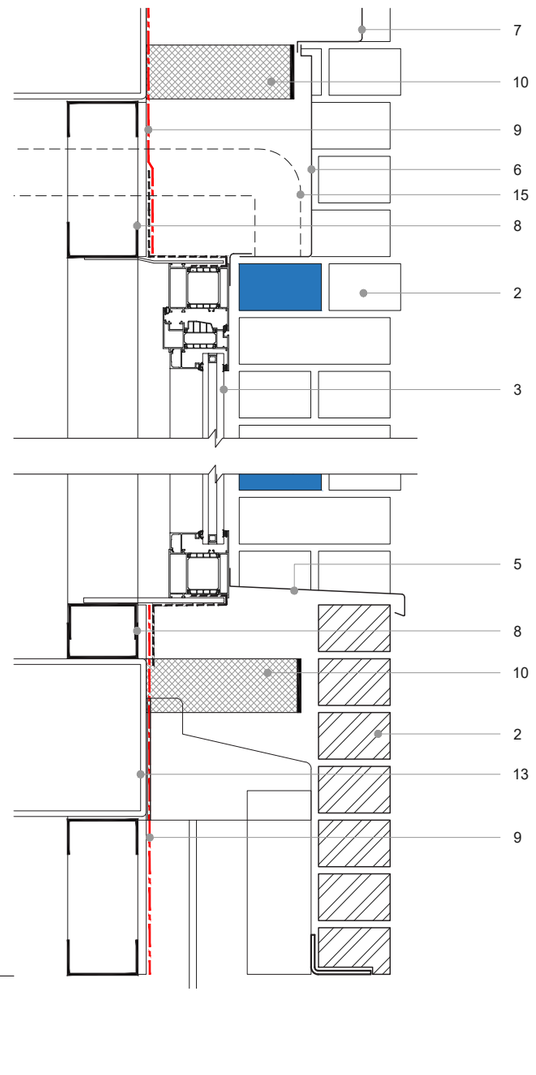
16. Movement joint (MJ) - flexible filler to be RAL 8004, subject to product options provided by sub-contractor.

BRICK TYPES KEY:

- 102mm long (Half brick)
- 159mm long
- 117mm long







Facade Materials - Accepted Sample Panel Drawing

MATERIALS KEY:

1. Brick Type A
102.5mm Facing brick Millhouse Blend by Ibstock, in stretcher bond, mortar colour to be natural grey ref: M3PNH100 by CPI Euromix, 10mm bucket handle joints. Brickwork to be on masonry support system to specialist design.

2. Brick Type B
102.5mm Facing brick Birtley Olde English by Ibstock, in stretcher bond with 15mm projecting bricks as shown, mortar colour to be natural grey ref: M3PNH100 by CPI Euromix, 10mm bucket handle joints. Brickwork to be on masonry support system to specialist design.

3. Aluminium-framed window with double glazing
Single leaf window with fixed bottom light and fixed side glazed spandrel panel with external decorative mesh screen. PPC finish, RAL 1035 matt.
Glazed spandrel panel to be RAL 7010 on face 4.
Window to include trickle vent Pyracoust by Renson, with min 4000mm2 EA and 39dB acoustic rating when open.
Window to be on support brackets fixed back to SFS/slab edge, to specialist design.
EPDM applied to frame perimeter and sealed with VCL and breather membrane.
Mastic sealant to joint between window and brickwork to be fully recessed, colour to match mortar.

4. Decorative metal screen with bespoke pattern, on proprietary brackets fixed to window frame to specialist design. PPC finish, colour RAL 1035 matt.

5. PPC Aluminium cill flashing, RAL 1035 matt.

6. Aluminium cladding panel with PPC finish on proprietary bracket system to specialist design, colour RAL 1035. U/side of cladding panel to be perforated (see detail 06) to provide required opening area for MEV extract terminal.
Mastic sealant to joint between cladding and brickwork to be fully recessed, colour to match mortar.

7. Aluminium cladding panel with PPC finish on proprietary bracket system to specialist design, RAL 7035.
Mastic sealant to joint between cladding and brickwork to be fully recessed, colour to match mortar.

8. SFS framing supported off steelwork, with 12mm cement particle board to brick cavity side. Overall cavity width to be 245mm.

9. Breather membrane on cement particle board, sealed to window frame and lapped with EPDM.

10. 60MIN FR open state cavity closer at 'slab egde'.
11. 30MIN FR cavity closer to window jambs.

12. Steelwork to form support structure - to Structural Engineer's details.

13. 225x225x8 SHS to form slab edge - to Structural Engineer's details.

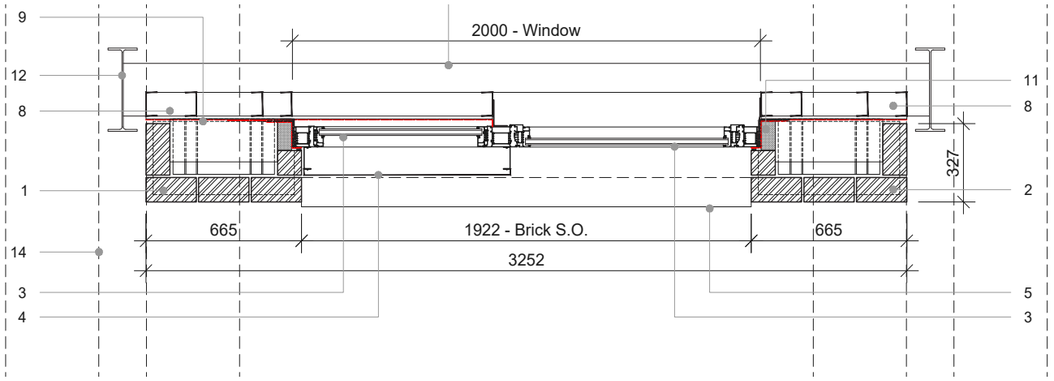
14. Foundation / base - to Structural Engineer's details.

15. MEV vent ductwork terminating at u/side of cladding panel

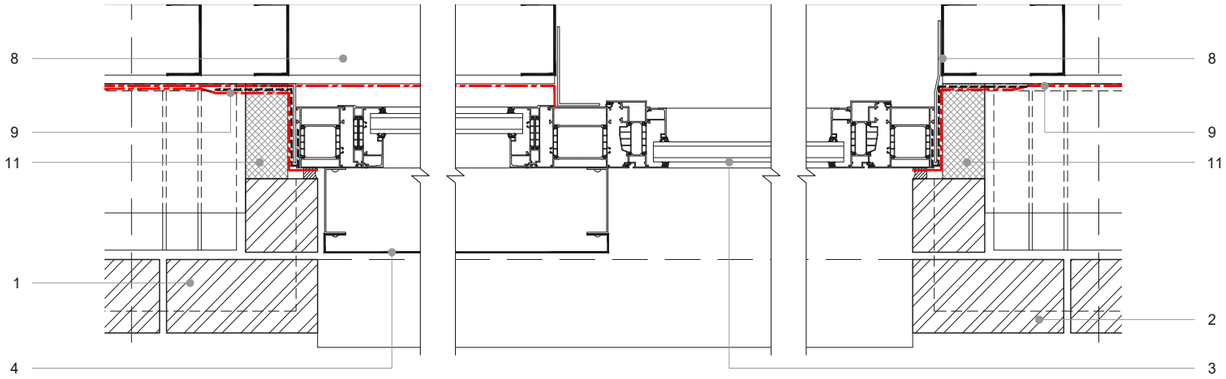
16. Movement joint (MJ) - flexible filler to be RAL 8004, subject to product options provided by sub-contractor.

BRICK TYPES KEY:

- 102mm long (Half brick)
- 159mm long
- 117mm long



03 PLAN
1:15



04 WINDOW JAMB DETAILS
1:5

12

Stallan-Brand
Architecture + Design

80 Nicholson Street, Glasgow G5 9ER
info@stallanbrand.com | 0141 258 5015