

Ancoats Mobility Hub

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Sample Panel Summary Report
February 2023



Sample Panel Review 1 - 15/09/23

Attendees

- Jen Atkinson - MCC
- Heather Leeson - Buttress Architects
- Matthew Burl - Buttress Architects
- David Baker - B&K
- Daniel Gana - B&K

Comments raised in the meeting:

- 1 The gap between the vertical section fins needs to be as tight as possible.
- 2 Fixing details to the underside of the exposed fin.
- 3 Flashing details to cover the fixing detail to the vertical shadow gap between the black panels.
- 4 Consider further how to conceal the fixing and tidy up the detailing below the louvre.
- 5 See the fins arrange at the angle if possible (left hand side of the panel).



Sample Panel Review 2 - 02/11/23

Attendees

- Jen Atkinson - MCC
- Heather Leeson - Buttress Architects
- Matthew Burl - Buttress Architects
- David Baker - B&K
- Daniel Gana - B&K

Several updates have been incorporated into the panel. The responses to the comments from the first meeting are as follows:

- 1 The gap between the vertical section fins has been reduced from 40mm to 25mm. This will strengthen the vertical emphasis of the facade and will be applied to all joints in the fins.
- 2 The fixing detail in the end plate of the small fins has been replaced with a counter sunk screw to replicate the larger fins.

The double fins end plates have been replaced with a single plate to simplify the joint detail.

The slight damage that has occurred to the anodised surface on the image is a result of modifying the fixing within the sample panel. This will not occur on the final building.
- 3 The detail on the shadow gap is being developed to incorporate a capping to conceal the fixings. The proposal is to include this detail to the vertical and horizontal joints from ground level to Level 2 (circa 7.5m above ground level). Final proposals and incorporation on the sample panel is to follow. Example South elevation illustrating joints to be concealed.

1



25mm gap between fins

2



Countersunk screws to underside off small fins

3



Joints to concealed with capping

Second Site Visit - 02/11/23

Responses to comments:

- 4 All fixings to the underside of the louvre frame will be relocated behind the louvre blade so no fixings will be visible.

The sample panel has not been updated and therefore still shows holes in the frame but these will not be present on the final building.
- 4 The fixings on the front face of the flashing detail above the panel have been reduced in number and will be relocated to either the top or underside of the flashing. Further details to follow to clarify but it is the intention to have no visible fixings on the front face.
- 5 The trapezoidal fin to the North facade is a bespoke fin design and the die is still in manufacture. The sample panel includes the fin profile from the East and West facades (200mm x 50mm) which is the same size but rectilinear in profile to demonstrate the fixing system back to the carrier rail. When the final profile is fabricated a sample can be provided but in the meantime the adjacent images illustrate the proposed design for the North elevation.

4



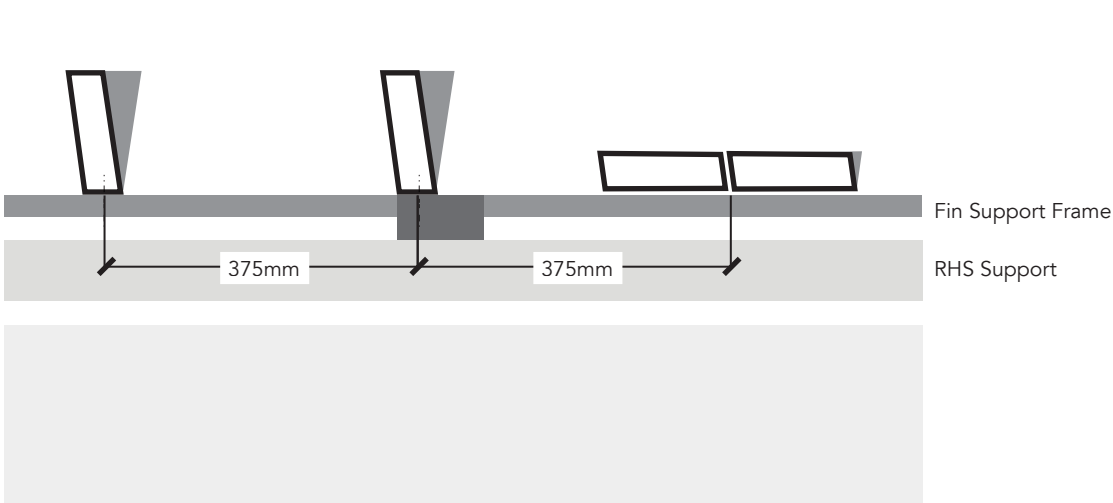
Underside of louvre panel will have no visible fixings

4



Flashing fixing removed from front face

5



Underside of louvre panel will have no visible fixings



Other items discussed

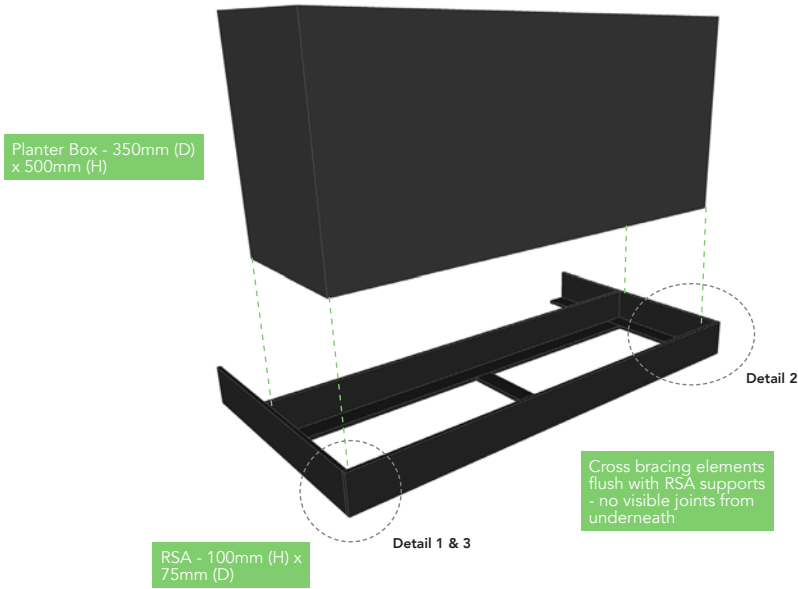
- A The planter support frame has been refined to include RSA supports to the outer edges. This results in the planter size increasing and the gap reducing between the planter and the large fins. This will also remove the gaps visible from underneath the planter.

The adjacent photograph shows the design currently on the sample panel. The adjacent visuals show the proposed intent.
- B The design team are reviewing options to reduce the aperture size on the mesh to further obscure sight lines through to the structure behind. The final proposals will be presented when agreed with the team.
- C The end plates/brackets to the large fins are proposed to be PPC to match the anodised colour. The adjacent image shows where this is incorporated on the sample panel. The colour match on the base fixing requires improvement and this will be developed with the facade specialist.

A



Sample panel planter design



Proposed Planter design

B



Mesh aperture size to be reduced

C



Large fin brackets to be PPC to match the anodised fin

Sample Panel Review 3 - 13/02/24

Attendees

- Jen Atkinson - MCC
- Heather Leeson - Buttress Architects
- Matthew Burl - Buttress Architects
- Daniel Gana - B&K

Outstanding items discussed:

- 3 The cover capping on the shadow gap has been developed to conceal the fixings. The proposal is to include this detail to the vertical joints at ground level. Image of proposed capping and example South elevation illustrating joints to be concealed.
- B Options for the mesh aperture style were explored by the team and it was confirmed that the mesh included on the sample panel is the preferred solution. One further clarification is that the depth of the vertical fixings to the edge of the fin will be reduced and be the full height of the fin.
- C The end plates/brackets to the large fins are proposed to be anodised to match the anodised colour. The minor marks on the bracket edges will be removed prior to anodising to improve the edge finish.
- D The curtain walling frame and glass samples were presented to the planning officer on site.

B



C



3



Joints to be concealed with capping

Buttress

Architects | Masterplanners | Heritage Consultants