

Ventilation Louvres Design Note

Client **Unite Students**
Project **Kincardine Court - Extension**
Contractor **Bower & Kirkland**

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Page | 1 of 1

Context

The ventilation systems at Kincardine Court rely on connections to louvres in the external wall. The design of these louvres has been the subject of much discussion and a significant number of options have been explored to achieve the most aesthetically pleasing solution.

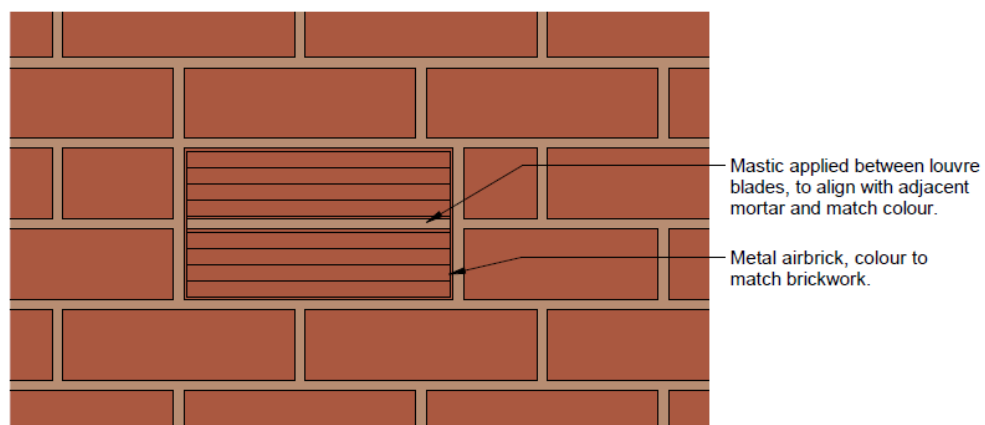
The factors that have been considered when assessing each option are:

- Aesthetics
- Attainment of the required airflow
- Weather-resistance
- Reaction to fire

Design Solution

The optimum design solution is shown on drawing A-05-003, rev. P02 and comprises:

- Metal air-brick with approx. 10mm louvre spacing, polyester powder-coated in colour to match the adjacent brickwork.
- Mastic applied between louvre blades to align with the adjacent horizontal mortar joint, colour to match the adjacent mortar.



3a Ventilation Grille Detail - Option 3
1:5