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PROPOSED DEVELOPMENT
1-15 QUEEN VICTORIA
STREET & 145-148 FRIAR
STREET, READING

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THACKERAY GROUP

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MVHR EXTERNAL VENT TYPES

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P22018-FCH-XX-XX-RG-A-0010 P01 SEPTEMBER 2025

PROPOSED HOTEL DEVELOPMENT AT
1-15 QUEEN VICTORIA STREET AND 145-148 FRIAR STREET, READING

MVHR EXTERNAL VENT TYPES

THACKERAY ESTATES

SEPTEMBER 2025

1-15 QUEEN VICTORIA STREET & 145 -148 FRIAR STREET, READING

1.0 MVHR EXTERNAL VENT TYPES

EXTERNAL VENT/GRILLE TYPES

The proposed ventilation strategy has been carefully developed to ensure that the integration of Mechanical Ventilation with Heat Recovery (MVHR) units is both functional and visually discreet.

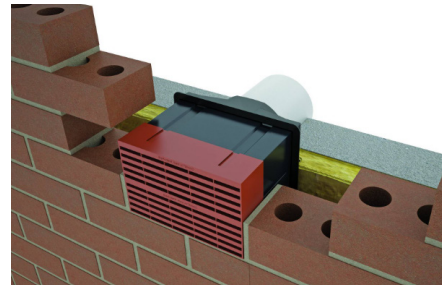
In the majority of cases, MVHR units will discharge through polyester powder-coated (PPC) aluminium louvres located above the windows. These louvres will be colour-matched to the window frames to achieve a consistent and unobtrusive appearance within the façade composition.

Where this arrangement is not feasible—for example, in rooms with a single window—alternative measures will be employed. These include ventilation through colour-matched air bricks or grilles set into rendered areas of façade, or via discreetly positioned outlets on flat roof areas, thereby minimising visibility from the public realm.

At uppermost floor levels, ventilation will be taken through the roof to ensure that no outlets are visible on the aluminium rainscreen cladding. This approach avoids any interruption of the architectural treatment and maintains a coherent façade design.

Importantly, no ventilation outlets are proposed on the listed elevations of 1–15 Queen Victoria Street. This ensures that the special architectural and historic interest of these façades is preserved, with no adverse impact on their appearance or significance.

Please refer to the examples on the left. The colour key beneath corresponds to the elevations.



Example of airbrick for areas to match red brick

- Extract Airbrick (Timlock Adapt-Air Single Airbrick Kit - 430mm x 100mm)
- Intake Airbrick (Timlock Adapt-Air Single Airbrick Kit - 430mm x 100mm)



Example of air grille for areas to match render

- Extract Airbrick (Timlock Adapt-Air Single Airbrick Kit - 430mm x 100mm)
- Intake Airbrick (Timlock Adapt-Air Single Airbrick Kit - 430mm x 100mm)



Example of air vent to brown roof



Example of louvre over window for MVHR ducts to vent behind

- Extract Vent
- Intake Vent

CONTACT

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