

Proposed Ventilation Design

Bathrooms / En-suites

- Proposed fan: Each bathroom and en-suite shower room will be provided with an independent **Vent-Axia Lo-Carbon Silent Fan VASF100HTC** incorporating an integral humidistat and adjustable overrun timer.
- Minimum intermittent extract rate: **15 litres/second** to each bathroom/en-suite in accordance with Approved Document F.
- Bathroom extract ductwork will be routed within ceiling voids between existing ceiling joists where practicable and discharged through discreet openings within the rear elevation using the shortest practicable duct routes. This arrangement minimises intervention into the historic fabric while providing effective moisture control.
- The humidistat-controlled extract fans will automatically operate when humidity levels rise and continue operating until moisture levels have reduced, thereby reducing condensation and assisting in the long-term protection of the historic building fabric.