

CHANNEL ISLANDS I GEORGIAN MANSION

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PROJECT PROFILE

A Georgian mansion, once the home of the Commander of the Garrison, with stunning views over the Channel and Northern France. Private client, with a London based architect studio and Mechanical Consultant

TECHNOLOGY

Mechanical Ventilation - Heat Recovery

Ductwork & Accessories - Volume Control

Diffusers & Grilles - Linear Diffusers & Weather Louvre

Filtration & Purification - Fibre Filters

Noise Management - Duct Attenuation

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Taking over a partially complete install, a long way from the mainland, and with a high level of intricate detail made this a challenging but successful project.

William Rowles, Project Manager, Calibre

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DESIGN BRIEF

Provide full ventilation system to this large property during a full refurbishment and substantial extension of the lower ground and basement. Take on an already-commenced installation, managed remotely from Mainland UK with its logistical challenges.

SOLUTION

Firstly, the partially commenced installation of ventilation systems was thoroughly investigated and validated for quality assurance, prior to commencing installation. The remoteness of the site from mainland UK required careful logistics management of materials delivery and engineer attendance.

Three internal Mechanical Ventilation Heat Recovery (MVHR) units and silent in-line fans were installed at high level in the dedicated basement plant space to provide constant ventilation to all spaces. Within each room in the property, fresh air is supplied via a series of narrow linear slot diffusers in the ceiling, aligned with cornices in all bedroom and bathroom spaces. Externally, a series of louvres provide fresh air to MVHRs and allow exhaust, colour-matched and recessed into the local granite-clad wall to ensure silent operation and non-visibility from the lower terrace.

LUXURY CLIMATE

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