

Integration of M+E Services in a Grade II listed building



The project involved the refurbishment of the Marsh Lounge, a Grade II listed building within the 90-acre Christian retreat estate, including associated external works involving the creation of an additional car park.

The project included a full design and installation of M+E solutions, integrating with the site's existing infrastructure. A dedicated underfloor heating system and mechanical heat recovery ventilation solution was installed to provide additional heat during the winter months while automated CO² controls regulate fresh air supply on demand.

Lighting to the Marsh Lounge included the installation of low-voltage recessed track rails which fit seamlessly with the building architecture. The linear insert lighting provides a pleasant lighting atmosphere and is complemented by spotlights for optimal accentuation, all controlled by a Dali system organised in groups designed to give flexible control of the lights by scene setting. Low-level lighting on bespoke designed oak timber bollards has been installed to illuminate the Woodland Car Park and Access Road sympathetically.

Finally, EV charging points have been installed in the Woodland Car Park and Main Car Park.



Project Details

Completed	2024
Sector	Religious
Location	Kettlewell
Type	M+E



Project Scope

- ▶ Integration of M+E systems within existing infrastructure
- ▶ Design and installation sympathetic to architectural features
- ▶ Underfloor Heating with BMS control
- ▶ Mechanical heat recovery ventilation with BMS control
- ▶ Internal LED lighting with scene control
- ▶ External LED lighting for atmospherics on bespoke timber bollards
- ▶ EV charging points in car park

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