



Involvement

- ◆ We undertook the complete detailed design of the electrical building engineering electrical services for this development
- ◆ Close dialogue with the interior designer to gain understanding of their vision for the internal appearance of the facility
- ◆ Designed to the highest eco standards to reduce the hotel's negative impact on the environment, without compromising the experience or service guests receive
- ◆ The provision of a design scheme with complex lighting controls and mechanical systems with renewable technologies, including wood chip boiler plant, solar arrays, grey water and rainwater recovery
- ◆ Technical review of interior designer lighting proposals and specialist lighting controls systems.



Description

- ◆ The Scarlet Hotel is a £4.5m, luxury 37 bed boutique hotel development overlooking Mawgan Porth beach in Cornwall
- ◆ The hotel includes 37 luxury bedrooms, full restaurant and dining facilities, bar, library, cliff top hot tubs, internal swimming pool, external natural reed-filtered swimming pool, spa and spa garden, steam room, reception, as well as back of house areas including laundry and office space
- ◆ Designed to minimise its impact on the environment with ultra-low energy LED lighting throughout with extensive lighting controls, solar thermal and solar voltaic systems, biomass boiler, grey water recycling and rain water harvesting.

£4.5m luxury boutique hotel development overlooking Mawgan Porth beach, designed to reflect and reduce its impact on the natural environment



Benefits Delivered

- ◆ Collaborative engagement with integrated design team to overcome difficulties associated with space and access for building engineering services systems, to delivery high specification hotel accommodation within tight programme constraints
- ◆ Worked closely with the interior designer in the selection of the final products to create a luxury ambience
- ◆ Gave pragmatic installation advice on how to minimise the effect of an evolving internal design through the construction period
- ◆ Provided our low carbon and building environmental expertise in developing the proposals.

