

# Marriott, Shelbourne Hotel (UK)

## The Company

The 165 Guest room Shelbourne Hotel has been a social center in Dublin for 182 years, built in 1824

## The Brief

Traditional construction techniques could not be used to provide a 28 bed, 3-storey extension for Dublin's busiest hotel complex - The Shelbourne Hotel. Design expertise was needed to help develop a robust and reliable volumetric option, and to evolve a manufacturing design to meet the very tight installation programme.

## The Project

Value-engineered the initial designs for the module, and devised the most appropriate construction solution, given the size and performance requirements. The chosen design was analysed structurally to ensure that it could withstand the loads in-service, as well as those in handling and transit. A prototype module was constructed and fully finished to evaluate the final design and ensure the finish met the Client's brief.

For the bedroom module, which incorporated corridors and en-suite bathrooms, a novel adjustable bolted joint was developed to allow accurate alignment of floor levels on site. The internal design of the bedroom/bathroom accommodation involved rigid and relatively fragile finishes (cornices, coving, large ceramic tiles, etc) which were completely pre-finished in the factory.

With the craning-in period involving road closures in the city centre, and night-time working, it was essential that successive modules could be offered into the required location quickly and accurately.

The design of the module, and the handling methods used, ensured there was no damage during handling or transit - and that difficulties for follow-on trades were minimised.

## Project Outcome

The new modules were developed, manufactured and incorporated into the hotel extension on time, to the satisfaction of the hotel Client.

For More Information  
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