

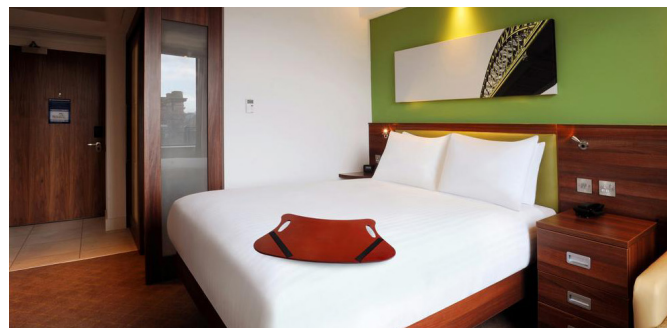
Description

- ◆ A £8m conversion of an existing 1970's office building into a 160-bedroom hotel in the Central Conservation Area of Newcastle for the Hampton by Hilton style brand
- ◆ The original structure was stripped back to the reinforced concrete frame. New rooms were formed within the resultant empty floor plate using insulated metal stud partitions
- ◆ Phased completion of the project. The initial phase refurbished 124 bedrooms and upgraded the building's external envelope. The second phase completed the remaining rooms and back-of-house areas
- ◆ The external refurbishment included new Hilton brand signage, replacement insulated cladding to external façade and new high-performance glazing to reduce sound transmission
- ◆ The internal refurbishment comprised of Hampton branded ensuite bedrooms, new kitchen, restaurant bar and hospitality areas, with public toilets along with back of house staff areas offices.



Benefits Delivered

- ◆ Fully coordinated detailed design of the M&E in BIM, with clash detection, coordinating the services with the building and structure
- ◆ Preparation of fully dimensioned builderswork drawings
- ◆ Creating a high-quality appearance, accommodating complex engineering systems, requiring a high degree of coordination and creativity in concealing the services, whilst maintaining suitable means of access for maintenance.



Involvement

- ◆ Detailed design of building engineering services including full production of detailed design information in Revit MEP to inform the Building Information Model to Hampton standards
- ◆ Utilised Autodesk Revit MEP to produce a fully coordinated Building Information Model to a level of development consistent with Level 2 as a platform for coordination with architectural and structural proposals.

A £8m conversion of a 1970's office into a 160-bedroom hotel in the centre of Newcastle