

Gotham City project rises: How BIM helped to transform 40 Leadenhall Street

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William Hare, a leading provider of structural steelwork and specialist engineering solutions, has played a pivotal role in the construction of 40 Leadenhall Street, a striking new landmark in the City of London.

This iconic skyscraper, nicknamed the “Gotham City” building, presented a number of complex engineering challenges, including the design and fabrication of intricate steelwork elements. To overcome these challenges, William Hare utilized advanced 3D modeling and BIM technologies to facilitate seamless collaboration between various stakeholders.

By leveraging 3D models and cloud-based platforms, William Hare was able to visualize and analyze the complex geometry of the structure, identify potential clashes, and optimize the design and fabrication processes. This approach significantly improved efficiency and reduced errors, ensuring that the project remained on schedule.

One of the most challenging aspects of the project was the construction of the first-floor walkway areas, which featured curved elements and integrated glazing. William Hare successfully overcame these complexities by utilizing detailed 3D models and close collaboration with other project stakeholders.

The successful completion of 40 Leadenhall Street highlights the power of digital technologies in modern construction. By embracing innovative tools and techniques, William Hare has demonstrated its ability to deliver complex projects on time and within budget.