

Oak Handrail, London



Pinnacle's superior workmanship at this private residential home is represented in the creation of a stunning custom circular staircase. A perfect combination of oak, metal, and stone reflects elegance, functionality, and modern design in this latest project.

The Challenge

Pinnacle was commissioned to design and install a bespoke circular handrail for a stone staircase in a high-end residential development. The staircase was to feature a cut-string design made from stone, which presented a significant technical challenge in both precision and aesthetics.

The design also required the integration of 16mm metal spindles, with decorative casts on every other spindle, adding a touch of elegance to the overall structure. Additionally, a continuous oak handrail had to be installed over a metal plate, demanding an exact fit to maintain both the structural integrity and the sophisticated look of the staircase.

This complex project required innovative technology and craftsmanship to meet the high expectations of the client.



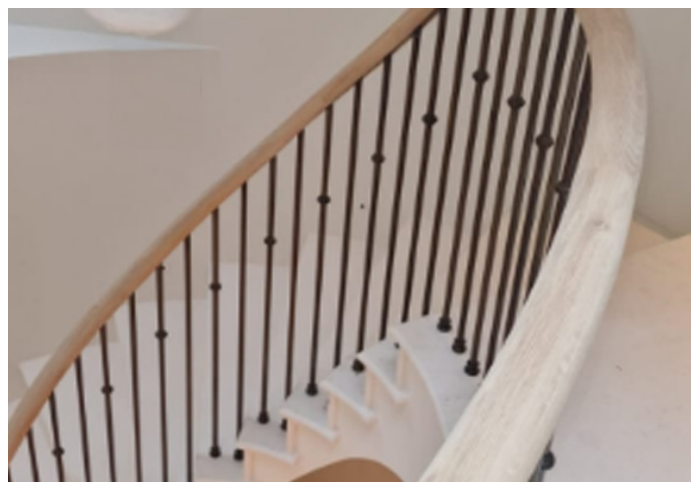
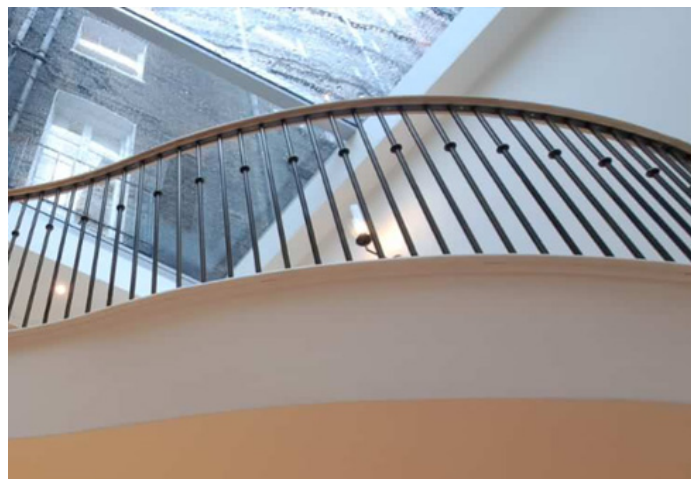
The Solution

To ensure perfect alignment and a seamless finish, Pinnacle utilised advanced laser scanning technology to measure the top of the metal plate. The data collected from the laser scan was then imported into our staircase software, allowing us to design a continuous oak handrail that would fit flawlessly over the metal structure.

This approach ensured that the handrail followed the circular curve of the staircase exactly, maintaining the design's smooth, elegant flow.

The metal spindles, each 16mm in diameter, were crafted with meticulous attention to detail, with decorative casts added to every other spindle to elevate the aesthetic of the staircase.

The spindles were securely integrated into the stone design, combining durability with visual appeal. The blend of materials - stone, metal, and oak, required close collaboration between our design and installation teams to ensure each element complemented the others seamlessly.



The Result

The finished staircase is a breathtaking example of craftsmanship and precision engineering. The smooth, continuous oak handrail perfectly matches the curvature of the circular stone staircase, while the metal spindles with decorative casts add an elegant contrast to the natural stone.

The use of laser scanning technology ensured an exact fit, resulting in a flawless installation that not only enhances the functionality of the space but also creates a striking architectural feature.

The client was delighted with the outcome, and the staircase has become a key design element in the property, embodying Pinnacle's commitment to quality, innovation, and diligence.

This project stands as a testament to Pinnacle's ability to deliver bespoke, high-end solutions that exceed client expectations.

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