



## IMPERIAL WAR MUSEUM – SPATIAL MASTERPLAN LONDON, UK

BuroHappold's Smart Space team was appointed to review the Imperial War Museum Masterplan. With the aim of lowering the main entrance of the museum to provide step-free access, Architect Foster & Partners developed different schemes for the phased construction of the Museum. Our people movement team was involved in reviewing the final masterplan as well as several interim schemes and additional circulation options.

A site survey of pedestrian movements was undertaken, with particular focus on the museum entrance procedures and utilisation of visitor facilities. Additional data was collated to supplement information provided by the client team in order to develop key scenarios and drivers for the design.

The museum occupancy for the peak hour was over 1,000 people modelled as individuals and also in groups of varying sizes. Detailed static and dynamic analysis of the schemes with temporary

deck, temporary stairs and alternative entrance passages were tested and recommendations were fed into the final masterplan design.

The museum consists of various gallery spaces, shops and cafes. Vertical movement to the various galleries on the different levels of the museum is via the lifts, stairs and ramps. Our assessments reviewed visitor experience, comfort and space optimisation in the museum, particularly focussing on museum entrance and security arrangements as well as general circulation.

Our services were offered at both levels: rapid initial assessments to evaluate the major design options, followed by an ongoing design advice to refine and optimise the circulation provisions during design development phase.

CLIENT  
Imperial War Museum

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ARCHITECT  
Foster & Partners

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BUROHAPPOLD  
People Movement

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