



Market Sector	Hotel Commercial
Site	London W1
Client	John Mowlem & Co plc
Main Contractor	John Mowlem & Co plc
Engineer	Clarke Nichols & Marcel
Architect	RHWL
Value	£1.10m

Description

Working from within the existing retained building, we excavated to -8m whilst the demolition was in progress. Making structural modifications to the existing basement we erected a 9 storey part Post Tensioned RC frame incorporating a swimming pool into the basement. The new frame was to take the weight of the existing structure; we installed a series of jacks to progressively shift the loads when the frame had gained strength this also helped control movement & settlement. In effect the structure was held in cantilever and lowered onto the new load bearing frame.

This of course was carried out within the restraints imposed by a busy city centre location.

O'Keefe Construction (Greenwich) Ltd

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