



James Simpson
Head of Construction
Engineering



QUALIFICATIONS

- Chartered Engineer Member of the Institution of Civil Engineers
- Member of The Hong Kong Institution of Engineers
- MSc(Eng) Structural engineering (University of Leeds, UK)
- BEng(Hons) Civil engineering (University of Salford, UK)

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SUMMARY

James is an accomplished engineer with the ability to communicate effective solutions to problems and convey confidence in fundamental engineering knowhow. He has a creative talent for leading original civil & structural designs and identifying time and cost-effective schemes.



KEY EXPERIENCE

- Developing temporary works schemes for top down and bottom-up construction of underground structures
- Interdisciplinary coordination
- Specifying reinforced concrete and steel
- Specifying precast reinforced concrete
- Designing bespoke temporary works installation systems
- Designing bespoke falsework, formwork & scaffolding
- Demolition sequencing
- Appointed Person for lifting
- Temporary Works Coordinator



RECENT WORK HISTORY

Head of Construction Engineering - McGee, London

Responsible for leading a multi-disciplinary design team in the specification and production of technical information to support operational delivery. The Construction Engineering division is a team of around 20 people providing temporary works design, technical compliance, digital engineering and design management services.

Bankside Yards West

Responsible for managing the detailed design and coordination of permanent and temporary works for a basement box scheme.

Arthur Stanley House

Assisted with the coordination and management of the detailed design of permanent and temporary works.

Kuala Lumpur, Malaysia Underground rail infrastructure project

Senior Engineer, Structural: Responsibilities: Coordinating detailed structural design of temporary and permanent works for underground stations at Sentul West and Hospital Kuala Lumpur.

Kuala Lumpur, Malaysia Underground rail infrastructure project

Project Engineer, Structural: Responsibilities: Leading a small team of engineers to develop preliminary design of major temporary works schemes for the construction of deep underground stations, shafts and a crossover.

Hong Kong Underground rail infrastructure project, MTR Admiralty Integrated Station

Design Engineer, Temporary Works Coordinator, Appointed Person:
Led in-house and external teams in the design of major temporary structures including; earth shoring, heavy machinery platforms, noise enclosure buildings and bespoke falsework. As Temporary Works Coordinator James was responsible for implementing the contractors temporary works procedure and undertook the inspection and permitting of built structures for loading