C O N S U L T A N T

LAWRENCE HOOKER

SKILLS

- Revit
- Dynamo
- Autodesk AEC Collection
- Reinforced Concrete Detailing
- Steel Detailing
- Computational Design
- Design for Manufacturing and Assembly
- Software Template Creation
- Software Interoperability
- Process reviews

KEY ORGANISATIONS

- AECOM
- Arup
- Arcelor Mittal
- AKTII
- Balfour Beatty
- BAE Systems
- Buro Happold
- Foster & Partners
- Laing O'Rourke
- Mott MacDonald
- WSP

ABOUT

Lawrence has 30 years of experience in the design and construction industry with a focus in the engineering and manufacturing sectors. His innovative approach and problem-solving skills have been applied to architectural, structural and mechanical design tasks to ensure his clients achieve a successful outcome.

He has pioneered the use of various parametric design tools to develop processes that bridge the traditional divide between the design and construction stages.

He has enabled clients to realise complex and imaginative architectural and engineering design solutions on numerous major projects and has assisted them in integrating this data with the wider project team.

Moving intelligent data between disciplines, that are typically utilising different systems and data formats, is often a major challenge and his enthusiasm and commitment to finding the best solution ensures that clients can be confident that the optimum methods have been thoroughly evaluated.

Lawrence has provided his clients with a wide range of services for projects where computer aided engineering is required. Of particular interest is the approach to modular construction techniques and the integration of manufacturing technology with more traditional construction techniques.