

Job Description

Role: Senior Engineer

Responsibilities:

- ~ Preparation of reports, designs, specifications and contract documents for various project types
- ~ Involvement of projects, both large and small, from inception through to completion
- ~ Production of design calculation packages and supervision of the production of design drawings
- ~ Technically capable and willing to assist less experienced members of the team
- ~ To technically review designs produced by others and verify completeness to technical and company standards
- ~ Liaison with other engineers/technicians to ensure updates to technical standards are maintained and disseminated to the team
- ~ Ensure that design briefs are completed satisfactorily
- ~ Promote and incorporate sustainable design wherever possible
- ~ Operate the company management and admin system, quality control and document management in line with company policy
- ~ Identify and meet effectively the requirements and expectations of clients
- ~ Facilitate efficient and economic delivery of projects by graduate engineers and technicians
- ~ Be aware of the financial health of project fees and work within the fee of each project

Requirements

- ~ Accredited honours degree or equivalent in Structural Engineering and a chartered member (or working towards) of either the Institution of Civil Engineers or Structural Engineers (MICE, IStructE)
- ~ Competent in using Microsoft's EXCEL, and Word and familiarity with AutoCAD, Revit, NBS specifications.
- ~ Capable of producing simple hand calculations when required
- ~ Outstanding knowledge and experience of using design software such as Tekla TEDDS, and analysis and design software such as TSD and/or Masterseries

- ~ Exceptional organisational and interpersonal skills and the ability to work well under pressure
- ~ Good specification and report writing skills
- ~ Knowledge of Construction, Health and Safety Regulations, Building Regulations, and Design Codes
- ~ Excellent verbal and written communication skills
- ~ Experience of working with D&B contractors, builders and architects
- ~ Able to make decisions, act on own initiative and operate independently in a proactive way
- ~ Financial awareness
- ~ Good ability to build up and maintain client and team relationships
- ~ Effective team worker, contributing to the team and wider objectives
- ~ Comfortable with attending meetings with clients and design teams
- ~ Organise and prioritise your own time and tasks to enable the simultaneous running of several projects
- ~ Be able to logically analyse problems from first principles to determine solutions
- ~ Possess strong communication skills, both written and verbal, and be able to understand and express technical concepts clearly and accurately using sketches and written descriptions