

Job Description

Role: Graduate 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
- ~ Carry out design tasks as instructed by senior/principal engineers
- ~ 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
- ~ 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 graduate member 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
- ~ Good 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
- ~ Developing skills in specification and report writing skills

- ~ Knowledge of Construction, Health and Safety Regulations, Building Regulations, and Design Codes
- ~ Excellent verbal and written communication skills
- ~ Familiarity of working with D&B contractors, builders and architects
- ~ Able to make decisions, act on own initiative and operate independently in a proactive way
- ~ 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