



Design Engineer

You may not have heard of Stage One, but we can guarantee you will have seen our work. From the set of the TV show The Voice, to the Mercury Music Prize stage and even the 2012 Olympic Cauldron we produce work that is seen all over the world.

Stage One has been providing creative construction, manufacture and engineering for over 30 years. We deliver scenic and engineering solutions to a range of sectors including events, ceremonies, art installations, pavilions, theatre and TV & film. With over 14,000sqm of manufacturing space just outside of York, we are fully equipped to deliver unforgettable experiences for our clients across the globe. Our clients come to us for help solving complex design challenges, turning their exciting concepts and visions into a manufacturable reality.

The Design & Drafting department plays an important role helping to facilitate the successful delivery of complex projects. The team is made up of multi-disciplined engineers, designers and technical specialists, who collaborate with each other to provide coordinated engineering solutions that meets the defined objectives.

Salary:	Dependent on experience.
Hours of work:	07.30am - 4.00pm, Monday to Friday, with regular overtime
Contract Type:	Permanent
Based at:	Tockwith, near York



Job Description

Design Engineer Role:

We currently have an opportunity for an enthusiastic & highly motivated Design Engineer within our Design & Drafting department.

As a member of the Design & Drafting department, the role will be based at our Tockwith office, York, with primary focus on the design and engineering of projects spanning the architectural, construction, exhibition, and live event sectors. Whilst experience within these fields would be a distinct advantage, consideration will be given to candidates with exceptional skillsets from other sectors.

Key Responsibilities:

- Produce drawings that are suitable for manufacturing and installation purposes.
- Provide advanced design solutions on projects.
- Produce 3D models using Autodesk Inventor.
- Check drawings by others, ensuring their fitness for purpose.
- Act as drafting lead on single and multi-disciplined projects as and when required.
- Liaise with other members of the project team to achieve a coordinated engineering solution that meets the defined objectives.
- Ensure that quality and consistency of output (drawings, models etc.) is always maintained.
- Assist in the development of processes to improve efficiency and project delivery.
- Mentor and develop junior team members.
- Provide technical support to the Production Team.

The above list of duties is not exhaustive and is subject to change. The post holder may be required to undertake other duties within the scope and grading of the post.



Person Specification

ESSENTIAL/ DESIRABLE	
Qualifications	
Qualified in a relevant engineering discipline / or proven industry experience	Essential
Knowledge	
Understanding of the design process, and its associated documentation.	Essential
Extensive knowledge of drafting standards and technical drawing.	Essential
Extensive knowledge of designing and detailing with timber	Desirable
Understanding of joinery and associated manufacturing processes	Desirable
Extensive knowledge of designing and detailing structural steel and sheet metal	Desirable
knowledge of designing and detailing other(s) (GRP, machined components)	Desirable
Skills, experience, abilities and competencies	
Technical drawing to BS 8888 or other professional standards	Desirable
Drafting and modelling in Autodesk Inventor or equivalent CAD package (gained in a working environment)	Essential
Checking the work of peers (designs, drawings, models etc.)	Essential
Ability to communicate effectively with a wide range of people	Essential
Autodesk Vault, and / or Revit, and / or AutoCAD (gained in a working environment)	Desirable
Personal attributes	
Positive attitude to work.	Essential
Highly organised and able to work flexibly, under pressure and to tight deadlines.	Essential
Drive, enthusiasm and commitment.	Essential
Willingness to undertake relevant training as appropriate.	Essential
Enthusiasm to support other areas of the department as required.	Essential