



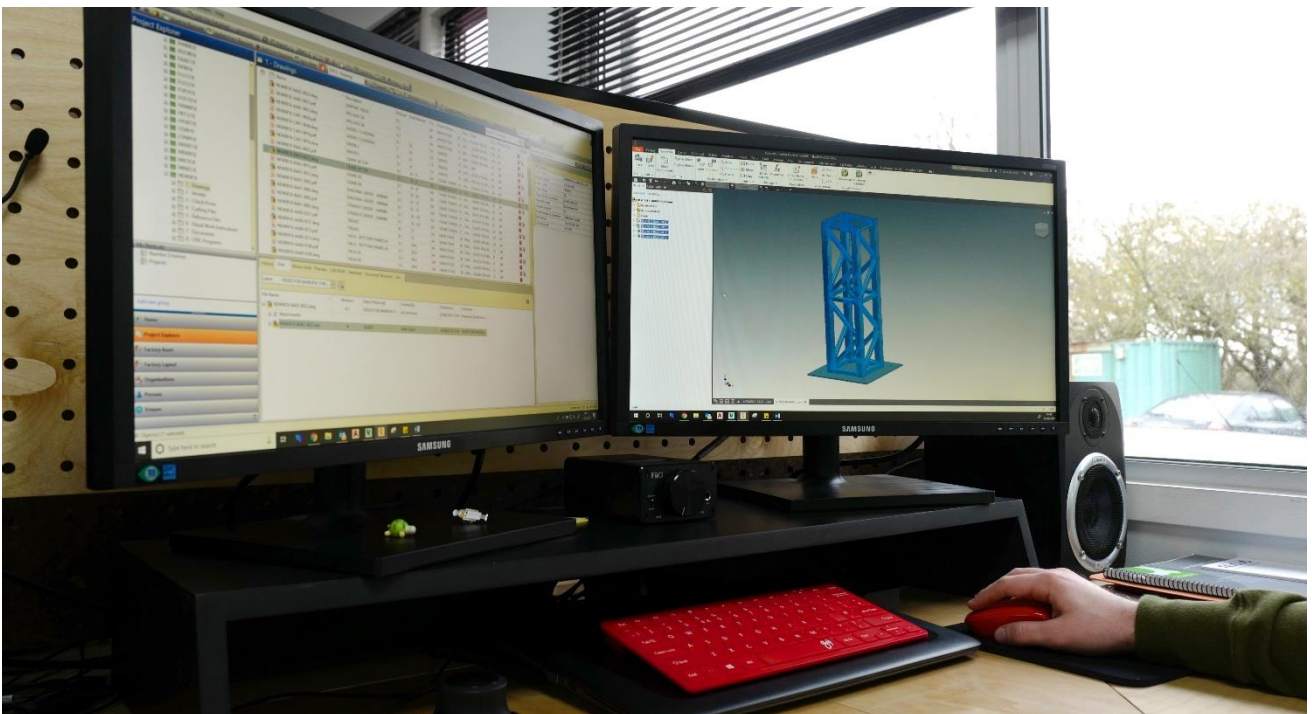
# Structural Draftsperson

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## Design & Drafting Department

Stage One is a unique, innovative and exciting company to work for. We undertake projects worldwide specialising in the architectural, construction, exhibition, and live event sectors. 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.



<b>Salary:</b>	Dependent on experience.
<b>Hours of work:</b>	08:00 - 17:00 Monday to Friday, with occasional overtime.
<b>Contract Type:</b>	Permanent
<b>Based at:</b>	Tockwith, near York



# Job Description

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## Structural Draftsperson Role:

We currently have an opportunity for an enthusiastic & highly motivated, Structural Draftsperson within the Structural Design Team of 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.

This role is ideal for an experienced Structural Draftsperson or Structural Designer looking for a varied and challenging role. You will have excellent communication skills and be able to work effectively in a team environment. The department is amid an exciting transformation programme, which will benefit candidates that can be flexible, resourceful and adaptable to change.

## Key Responsibilities:

- Produce drawings that are suitable for manufacturing and installation purposes.
- Produce 3D models using Autodesk Inventor
- Check drawings by others, ensuring their fitness for purpose.
- Develop engineering solutions in conjunction with lead engineer
- 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.

*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

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ESSENTIAL / DESIRABLE	
<b>Qualifications</b>	
Qualified in a relevant engineering discipline / or proven industry experience	Essential
<b>Knowledge</b>	
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 structural steel	Essential
Understanding of welding and weld symbols	Essential
knowledge of detailing (timber, furniture, GRP, machined components)	Desirable
<b>Skills, experience, abilities and competencies</b>	
Technical drawing to BS 8888 or other professional standards	Essential
Drafting and modelling in Autodesk Inventor (gained in a working environment)	Essential
Checking the work of peers (designs, drawings, models etc.)	Essential
Minimum of 5 years' experience detailing steelwork (gained in the UK)	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
Experience of iLogic, Data Standard, PowerShell	Desirable
Structural analysis software (preferably using Autodesk Robot & Autodesk Nastran)	Desirable
<b>Personal attributes</b>	
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