

Senior Structural/Civil CAD Technician (Permanent)

Cardiff

Salary: £28,000 + 25 days annual leave

About Us:

Shear Design is a consulting civil and structural engineering practice based at Cardiff Gate Business Park. We currently have large projects under-construction with further major new build projects in the concept and detailed design stages ranging from £100k to £11 million. We have a broad client base through England and Wales and a good portion of our work is on a repeat basis which is testimony to our professionalism on projects from inception through to completion.

About the Role:

Due to expanding workload we have a requirement for Senior Structural/Civil CAD Technician. The role will involve providing CAD support to the structural/civil engineering team on a varied range of projects.

Responsibilities:

- Draughting of schemes in AutoCad accurately and to established standards and criteria.
- Production of general arrangement drawings, preparation of structural services layouts, detail, sections, sketches and schematic drawings.
- Managing data electronically to include X-Refs, layers, plot styles.
- Undertaking detailing of structural engineering schemes including various forms of foundation solutions (piled, raft, traditional etc), detailing and scheduling reinforced concrete, structural steelwork buildings, precast concrete layouts and housing projects.
- Undertaking detailing of civil engineering schemes including drainage layouts, highway and car parking layouts and earthworks modelling using PDS software.
- Assisting engineers in managing projects.

Requirements:

- HNC/HND in Civil/Structural Engineering.
- Min. 5 years in AutoCAD experience, in general arrangement reinforced concrete and steelwork detailing within a consultancy environment. Highways experience desirable.
- Attained Engineering Technician [Eng Tech] with ICE or IStructE – or endeavouring to attain.
- CSCS Registered Card Holder – desirable, however training will be provided.
- Ability to work as part of a team.
- Able to use own initiative and work unsupervised.
- Ability to work efficiently and meet deadlines.
- Attention to detail.
- Awareness of Health & Safety / CDM regulations.
- Excellent communication and organizational skills.
- Provide past 2 years CPD.

Please Note: All job applicants must have the right to live and work in the UK. Shear Design are an equal opportunities employer.