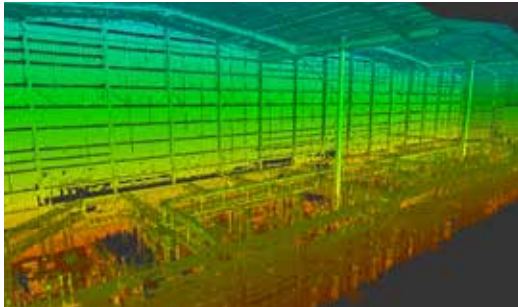
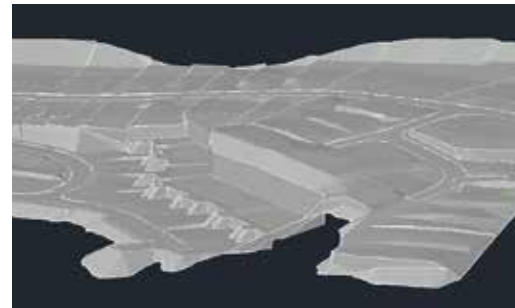
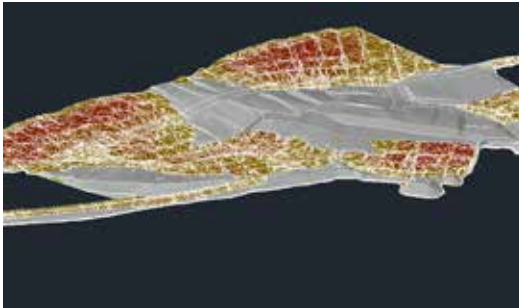


ADEPT

CIVIL AND STRUCTURAL CONSULTING ENGINEERS



RECRUITMENT BRIEF

Principal Structural Technician



Adept is a dynamic, strongly established civil and structural engineering consultancy with an excellent reputation for the delivery of complex and specialist projects.

Formed in 2007 by Erol Erturan, Matthew Ramsden and Richard Parker, Adept has grown to employ seventy engineers, technicians and support staff across bases in Leeds, London, Manchester and Sheffield. Since 2007, the business has delivered around 4,000 schemes with a total project value approaching £3.5 billion.

Our 'hands-on' Director-led approach ensures we carefully manage progress on every scheme. We invest in the best people who work collaboratively using the latest technology to deliver innovative, value-for-money civil and structural solutions on time and to budget.

The success of our approach is evident in our 80% repeat business rate, as clients trust us to consistently deliver reliable, high-quality results.

Our Sectors:

- Commercial
- Distribution
- Education
- Energy
- Extra Care
- Food Processing
- Healthcare
- Hotel & Leisure
- Listed buildings
- Residential
- Retail
- Warehousing

The Opportunity

Dynamic and optimistic in their approach, we are looking for an ambitious and well rounded **Principal Structural Technician** to work in our Leeds office.

OBJECTIVES AND KEY RESPONSIBILITIES

- Lead the production of structural engineering 2D and 3D drawings at all project stages, including concept, tender, and construction.
- Maintain and develop company BIM/Revit standards and templates, ensuring compliance across all outputs.
- Review and quality-check project models and drawings, coordinating with other disciplines for accuracy and integrity.
- Oversee and manage multiple BIM projects, including setting up and defining project models, and supervising model authoring by others.
- Prepare and manage project documentation, including clash reports and technical submissions.
- Support engineers in developing design solutions, drafting construction details, and bespoke designs based on sketches or engineering work.
- Mentor and supervise junior technicians and trainees across the organisation, providing guidance and support for their development.
- Liaise effectively with professionals from other disciplines, clients, and stakeholders.
- Contribute to the continuous improvement of digital innovation, BIM processes, and technical standards within the team.
- Ensure compliance with company policies, health & safety, and quality management systems.



The Role

The work is office-based, with occasional visits to construction sites. You will work as part of a positive and passionate team to provide the very best service to our clients.

THE PERSON

- Experience with large-scale, complex, multi-phase developments and varied project types.
- Demonstrated ability to drive innovation and adopt emerging technologies (e.g. VR, laser scanning, mesh feature recognition) within project delivery.
- Familiarity with ISO 9001 and ISO 19650 systems, technical assurance, and risk management.
- Membership of a relevant professional body (e.g. EngTech, IEng, IStructE).
- Experience in project management and contract administration.

QUALIFICATIONS, SKILLS AND EXPERIENCE

- Minimum 10 years' experience in structural engineering or a closely related field.
- Degree in Structural Engineering (BEng or higher).
- Advanced proficiency in Revit, AutoCAD, and BIM processes, including collaboration with Navisworks.
- Proven competency in producing and reviewing 3D models from Point Cloud data, including creation of parametric families within Autodesk Revit.
- Detailed knowledge and understanding of BIM principles and standards (including BIM Level 2).
- Experience in preparing conceptual schemes, detailed designs, and drawings for foundations, superstructures, drainage, and external works.
- Strong analytical and detailed approach to work, with impeccable attention to detail.
- Excellent communication, presentation, and negotiation skills.
- Experience in supervising and mentoring technical staff, including engineers and trainees.
- Ability to work effectively within a team and manage multiple projects simultaneously.
- Good problem-solving and three-dimensional conceptual skills.
- Experience liaising with clients, architects, and other engineering professionals.
- Knowledge of current health & safety legislation, including CDM Regulations.
- Commitment to Adept's collaborative culture and professional development ethos.





Why consider this opportunity?

BENEFITS

This is an exciting opportunity to join a forward-thinking company as part of a dedicated team based in Birmingham.

Salary: £55k+ dependant on experience and qualifications

Hours of Work: 37.5 hours per week.

Benefits:

- 25 days' annual leave (in addition to bank holidays)
- Paid professional memberships fees
- Contributory pension
- Income protection scheme
- Death-in-Service benefit
- Holiday purchase option
- Employee assistance programme
- Healthcare scheme
- Electric vehicle and cycle-to-work schemes
- Northern Rail season ticket scheme
- Annual discretionary bonus based on overall company and personal performance
- Long service benefit
- £100 birthday bonus
- Monthly gym membership contribution
- Employee social events
- Salary extras

The successful candidate will be working with a highly motivated and committed team delivering an exciting range of civil and structural engineering schemes across a broad range of sectors including education, healthcare, industrial & logistics, residential and regeneration.

We offer a friendly and supportive working environment where people are respected, informed and provided with opportunities for development and advancement.

Digital Innovation

We understand that **Building Information Modelling (BIM)** is key to our industry's shared future. We see this as self evident and have modelled our business around this. We are a forward thinking, technologically advanced company and use the latest tools to deliver our projects, resulting in increasing productivity, efficiency and better service to our customers.

Despite our extensive experience, we are always looking for new and innovative ways to improve and develop. Exploring new software and processes are part of our working day. Our staff are continually encouraged and inspired to implement cutting edge solutions.

Our focus and expertise in BIM is rather unique. Having achieved BIM Level 2 accreditation in 2015 we became the **first civil and structural engineering consultancy in the UK to receive such an award**. This validated our advanced capability in modelling, analysis exchange and process maturity beyond compliance with UK standards, and we haven't stopped progressing.

We embrace trust based collaboration and recognise that working together creates benefits far greater than the sum of its parts. Clients, staff and design partners have gravitated towards this approach and the positives have been numerous.

Reduced rework, clash detection on site, intelligent data exchange, improved accuracy and greater transparency are just some of the quantifiable benefits we continue to share.

For project delivery we use a wide array of technical software, bespoke solutions and modules.

At the end of our projects all parties are more knowledgeable, experienced and better

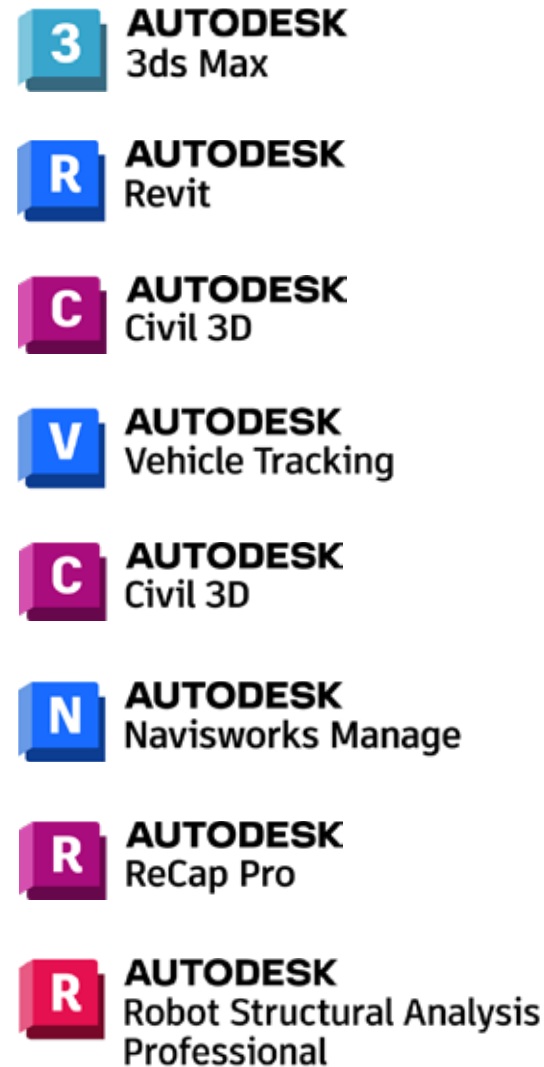
equipped for the future and we see this as a great achievement. We openly share knowledge, models, processes and ideas and actively encourage our clients and sub-contractors to do the same.

Our attitude to digital innovation has been our unique selling point since our early days. BIM is integral and fundamental to the delivery of all our projects. There are no exceptions, it just makes eminent sense.

In practice we go beyond what is traditionally seen as BIM for Civil and Structural Engineers and routinely deploy our Laser Scanner, UAV and VR equipment.

All of our models are workshared for data segregation, most contain analysis data and other intelligent features beneficial to the digital twin envisaged for the lifecycle of the facility. Our current interests lie in mesh feature recognition from point clouds, LEAN processes and practical Virtual Reality.

We are also members of **Cyber Essentials Plus**, a government backed cyber certification scheme.



The Adept Culture and Team

We know that a happy workforce leads to increased morale, productivity and efficiency. We offer a friendly and supportive working environment which encourages a healthy work/life balance, and where people are respected, informed and provided with opportunities for development and advancement.

CULTURE AND TEAM

All staff are entitled to two days' paid volunteering leave which can be used for a cause of choice, team activity and/or to support client initiatives. From the Manchester Marathon to planting trees, our people have helped raise funds for many local and national causes and have supported numerous initiatives local to our offices.

We work hard to attract talent from diverse backgrounds and to support our people as they grow in knowledge and confidence. We look after our people, and reward and recognise hard work.

APPRENTICESHIP SCHEME

We support young people from all backgrounds who are interested in a career in construction and engineering. Our apprenticeship programme establishes a career pathway to chartered engineer and beyond. We are proud of our record in supporting the engineers of tomorrow, having employed at least one apprentice every year since 2008.

We currently have eight apprentices and four graduate apprentices within the team, all of whom are being mentored by former apprentices who have now progressed to more senior roles at Adept.

ICE TRAINING SCHEME

The Institution of Civil Engineers (ICE) Training Scheme is one of the best and quickest routes towards becoming a professionally qualified Civil Engineer. We are recognised as an ICE Approved Employer and are qualified to operate within the scheme.

Trainees on the scheme are students and graduates who want to progress towards Chartered (CEng) or Incorporated Engineer (IEng) status.





Build your future and become a part of our success

INTERESTED?

To apply, please send your CV and covering letter to jobs@adeptcsce.com or call **0113 2394518** if you would like to enquire about the role.

Adept is an Equal Opportunities Employer



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ENQUIRIES:
0113 239 4518

ADEPT

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