

ADEPT

CIVIL AND STRUCTURAL CONSULTING ENGINEERS



RECRUITMENT BRIEF

Associate Director / Principal Engineer - Structural

MANCHESTER

www.adeptcsce.com





This is an exciting opportunity to join a dynamic, rapidly growing and strongly established civil and structural engineering consultancy with an excellent reputation for the delivery of complex and specialist projects.

Adept was founded in January 2007 by business partners Erol Erturan, Richard Parker and Matthew Ramsden. Neil Brown joined in 2019, followed by Paul Gill and Gareth Shepherd in 2021 as Directors in the company and most recently Neil Barrett in 2022 as Regional Director of the London office.

We have a 'hands-on' Director led approach to carefully manage progress on every job and collaboratively develop solutions with the team which **maximises value**.

We are customer focused and know how to **listen** well and collaborate with clients, stakeholders and third parties, which is why **80% of our work is generated from repeat business**.

Highly responsive, we employ the best staff who work collaboratively to Engineer Better Together using the latest technology to deliver innovative best value civil and structural solutions on time.

Our expert teams focus on delivering high quality customer services and high value returns from our offices in Leeds, Sheffield, Manchester and London.

Our Sectors:

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



The Opportunity

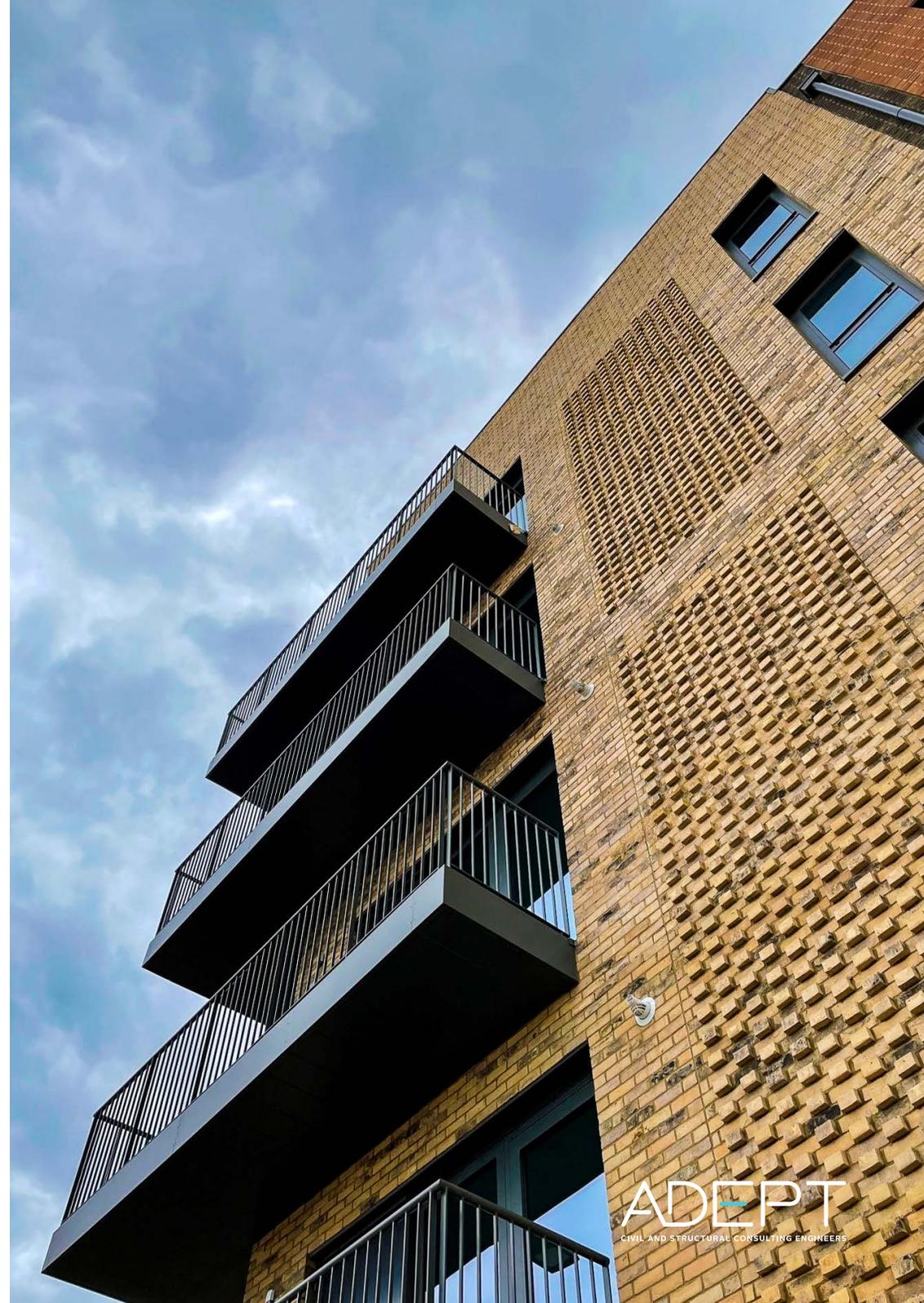
We have a requirement for an aspiring **Associate Director or Principal Structural Engineer** to assist in managing our **Manchester office**. You will play a key role in establishing and leading a new team based in Manchester and will be integral to growing our portfolio of projects within the region.

THE PERSON

- Outstanding knowledge and understanding of civil and structural engineering and design
- A reliable and enthusiastic individual with a 'hands-on' approach to projects
- An analytical and detailed approach to work
- A confident team player with superb interpersonal skills
- A natural 'technical leader'
- Unquestionable integrity, experience, confidence, and the stature to effectively address major client needs and challenges
- Detailed knowledge and understanding of the principles of Building Information Modelling (BIM)
- A natural troubleshooter who can find simple, efficient solutions to identified challenges or complications
- A highly motivated and ambitious individual with a passion to succeed and develop an ambitious team
- Excellent team player and purveyor of collaborative behaviours

QUALIFICATIONS, SKILLS AND EXPERIENCE

- Excellent problem-solving skills
- Extremely strong communication, presentation and negotiation skills
- Experience of managing and mentoring a team
- The ability to liaise well with professionals from other disciplines
- Excellent knowledge of relevant software (please refer to our Digital Innovation section for further details)
- The ability to work on multiple projects simultaneously
- A Bachelor's Degree in Civil Engineering (or equivalent)
- Membership of a Professional (and relevant) Institution
- A successful track record of building Client relationships
- Five years or more experience working at a senior level
- Proven business leader and a recognised technical expert within the within the UK Development sector
- High degree of competence in project management



The Role

The role is office based with visits to construction sites. You will be involved in detailed design, value engineering, design delivery, project management, execution, and handover.

OBJECTIVES AND KEY RESPONSIBILITIES

- Overall responsibility for delivery of projects
- Liaise with Client Project Directors (or equivalent) to pre-empt and resolve issues
- Present to Clients and key stakeholders in a professional, responsive and client focused manner
- Receive project brief and carry out briefing of the team members and lead on analysing data, development of design drawings and report production
- Act as a Project Manager/ Director as necessary including monitoring financial and commercial performance
- Ensure technical content and quality of output produced is in line with the project brief
- Attend regular Project Progress and Client meetings
- Prepare detailed Client briefs or fee proposals for Client submission and contribute to bids and tenders
- Liaise with current and proposed Clients to maintain repeat business and generate new business
- Establish strong working relationships with all members of the Adept team
- Mentor and support the development of staff within your team





Why consider this opportunity?

BENEFITS

This is an exciting opportunity to join a forward thinking company. We are offering a competitive salary which is dependent on experience. We are also offering a range of benefits inclusive of:

- a contributory pension
- healthcare scheme
- electric vehicle scheme
- paid professional membership fees
- 25 days annual leave (in addition to bank holidays)
- tailored training opportunities
- opportunities to attend a range of employee social events
- a discretionary profit and performance related annual bonus up to one month's salary
- £100 birthday bonus

The successful candidate will be working with a highly motivated and committed team who successfully deliver an interesting and broad range of civil and structural engineering projects, within sectors such as healthcare, education and residential.

We genuinely believe in the benefits of providing a pleasant working environment where staff are respected, informed and given opportunities to better themselves.

Our Social Committee organise and run several social events every year. Previous events include:

- an American pool tournament
- a bowling tournament
- a Krypton Factor Challenge
- a virtual golf tournament
- a bingo event
- a casino night out
- monthly sponsored pub outings
- Christmas party

Our dedication to valuing and nurturing our employees has been recognised by Investors In People.

Adept is an Equal Opportunities Employer

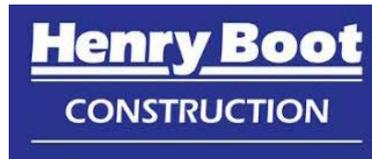


Our Services

Our mission is to provide high quality civil and structural engineering services to our clients within the construction industry. Our specialist areas of work include:

- Preparation of conceptual schemes
- Detailed designs and drawings of foundations
- Superstructure
- Drainage
- External works and highways for new build and refurbishment projects
- Building Information Modelling (BIM) including providing data rich 3D models
- Structural surveys and reports for existing properties
- Desktop studies, flood risk assessments, site investigations
- General civil and structural advice
- Feasibility studies
- Project management and lead consultant services
- Laser point cloud surveying
- BIM consultancy, converting laser point cloud to BIM

Our clients



ADEPT



NEIL BROWN | DIRECTOR (MANCHESTER)

BEng(Hons) MSc, CEng, MIStructE

Neil is a versatile Chartered Structural Engineer with over eighteen years' experience in the construction industry. He has worked on a variety of projects in the UK, Ireland, Europe, North Africa and the Middle East. During this period, Neil has been involved in the Civil/Structural design, management and construction of projects across a range of sectors,

Neil specialises in overall project delivery, commercial performance and the management of multi-discipline project teams. He is proficient in effectively co-ordinating project disciplines utilising 3D modelling (BIM).

Neil will manage a team of civil and structural engineers, technicians and BIM co-ordinators to effectively communicate information with the Principal Designer. He will lead and engage his team to ensure best practice design principals, quality standards and information management

Client Testimonial

“Neil is well organised, detailed in his document management, and most importantly proactive in his approach to construction.

Any design queries are identified early and resolved in a collaborative manner to maintain the momentum of the project and keep in step with the programme.

Ben Battye, Director, Fletcher Rae Architects

EXPERIENCE

Lancashire Business Park, Leyland

Value: £6.5m

Client: Eric Wright Group

Two new large-scale industrial units built with sustainability and low carbon outputs as main KPI drivers for Lancashire County Council. The development comprised eight business units, with mezzanine first floors levels to provide additional office space

- Two industrial blocks will comprise GIFA approx 36,000sqft and 23,830sqf
- Use of 3D modelling techniques in close collaboration with the architect ensured efficient progress of the building design.
- Carbon outputs were measured throughout design development to reduce environmental impacts in the design, method and material selection.



High Point Village, West London

Value: £100m+

Client: Ballymore Properties Ltd

A regeneration project in Hayes, West London, which consists of seven eight- storey mixed use residential and community buildings.

- The development was the re-use of a contaminated brownfield site which was previously a scrapyard.
- The blocks were constructed from a podium slab which covers approximately half the site.
- Neil was the Project Engineer responsible for coordinating and overseeing the structural and civil engineering design of the project with the design team, developer and contractor.



Arkwright Street Waste and Recycling Centre, Greater Manchester

Value: £10m

Client: Costain

The re-development of an existing waste transfer station in Oldham.

- The waste transfer building was extended and automated sorting plant was installed within the extension to separate the various materials for transport away for recycling or incineration. .
- A new HWRC was also constructed adjacent to the plant to increase local capacity.
- Neil worked with the contractor to close out the final design and snagging items during handover to the client.



ADEPT



EROL ERTURAN | MANAGING DIRECTOR

BSc, MSc, CEng, MStructE, MICE

Erol is a BRE Accredited BIM Professional with over 25 years in the industry. He is an experienced Chartered Civil and Structural Engineer with hands on experience in the design and project management of multi-storey steel and concrete framed buildings, large warehouses and major refurbishment projects.

Erol set up Adept in 2007 and the organisation has grown over the years and now employs 40 staff. Erol has a very 'hands on' approach to projects and specialises in client liaison, management and co-ordination of projects from the very early stages to completion.

Client testimonial:

"I have worked with Erol and his team on a number of occasions and have always been impressed with Adept's quality of work and professionalism. I would not hesitate in recommending Adept to new clients."

Chris Austin
Director, Brewster Bye Architects

EXPERIENCE

NEXT Warehouse, Doncaster

Value: £55m

Client: Next

New automated warehouse with 60,000m² footprint and 8,500m² offices plus a link bridge to an existing warehouse



- Adept were responsible for both the concept and detailed design for the project situated at IDI Gazeley's 115 acre G Park.
- A steel structure was the ideal solution for this build, as it was quick to construct, cost effective and accommodated the long span qualities needed
- Adept engineers designed flexibility into the steel frame so that it not only meets the demands of the business now, but there is flexibly for further expansion in the future

Gateway House, Piccadilly Station, Manchester

Value: £20m

Client: Marshall Construction

Mixed use development to include the transformation of Gateway House into a hotel together with a new 40,000 sq ft office block over 8,000 sq ft of retail space



- The strategy for the refurbishment was one of conservation rather than reconstruction. The building was stripped back to its existing concrete structure and reload to meet current envelope requirements whilst retaining the horizontals and fine grain of the existing fenestration
- The new structure is generally steelwork beams craned in to trim new openings in the existing RC structure. Simplicity and economy were the main requirements overall.

Drax Biomass, Selby

Value: £10m

Client: Drax

Biomass conversion facility. The construction of the domes was achieved through the application of air form technology that utilises an inflated PVC membrane permanent shutter which is sprayed internally with shotcrete



- Close liaison with the U.S. based engineering and construction team was achieved through the creation of clear lines of dialogue which were maintained throughout the build
- Feedback from Dome Technology recognised the efforts of Adept's engineers to neutralise barriers which existed due to differences in the cross continental standards and procedures.

StayCity Aparthotel, Manchester

MIXED USE



SUMMARY

Client

Marshall CDP

Project value

£20m

Architect

Building
Management
Services

Contractor

Marshall
Construction

Project brief

This mixed use project comprised the refurbishment of the iconic Gateway House into a 182-bedroom StayCity apart-hotel above the existing ground level of retail (and basement level public car park) together with a new 40,000sqft office block over 8,000sqft of retail space.

Third Party Liaison

Adjacent to Manchester Piccadilly Station, the redevelopment of Gateway House and Station Approach required close liaison with Network Rail and the station during the design stage.

SOLUTION

Conservation

Gateway House is one of Manchester's finest surviving buildings from the 1960s. As a result, the strategy for the refurbishment of Gateway House was one of conservation rather than reconstruction. The building was stripped back to its existing concrete structure and reload to meet current envelope requirements whilst retaining the horizontals and fine grain of the existing fenestration.

Partial historical construction information was available but not complete, however the breadth of Adept's team experience allowed good coverage of all aspects of the project.

Added Value

Adept provided extensive early site visits to fully understand the complexity of the site and the client's requirements.

New service requirements were heavier than the existing building services, with new voids threaded through next to existing lift core areas, reusing some existing risers where possible. This aspect presented some challenges due to opening up and coordination requirements.

Adept engineers studied the existing undercroft car park areas including altered Victorian barrel vaults. The new structure was generally steelwork beams craned in to trim new openings in the existing reinforced concrete structure.



The Adept Culture and Team

We know that a happy workforce leads to increased morale, productivity and efficiency. Our extremely high retention rate and annual appraisal feedback demonstrates Adept's employee satisfaction.

CULTURE AND TEAM

Our culture is based on being entirely staff and customer focused. We invest in tailor made training programmes (apprenticeship schemes, degrees, software and technical training and sales training) for our staff, to help them develop and progress in their career. Our team of staff have a wealth of experience, talent, skills and industry knowledge.

The Social Committee organise a number of events every year. The events for 2019 included an American pool tournament, a bowling tournament, a team building weekend away, a virtual golf tournament, a bingo event, a casino night out and monthly sponsored pub outings.

Our staff have taken part in a number of charitable events over the years, to raise money for different charities including Action Medical Research, Barnados and St Vincents:

- Tough Mudder
- Yorkshire 3 Peaks
- York Cycling 100km Route
- Windermere 20 Challenge

All Adept staff are provided with two days paid volunteering leave per annum. A number of staff use this to provide volunteering to Lineham Farm Children's Centre in Leeds to help out with improvements to the facilities.

APPRENTICESHIP SCHEME

Adept promotes social responsibility, growing our own talent, and promoting engineering and construction to young people.

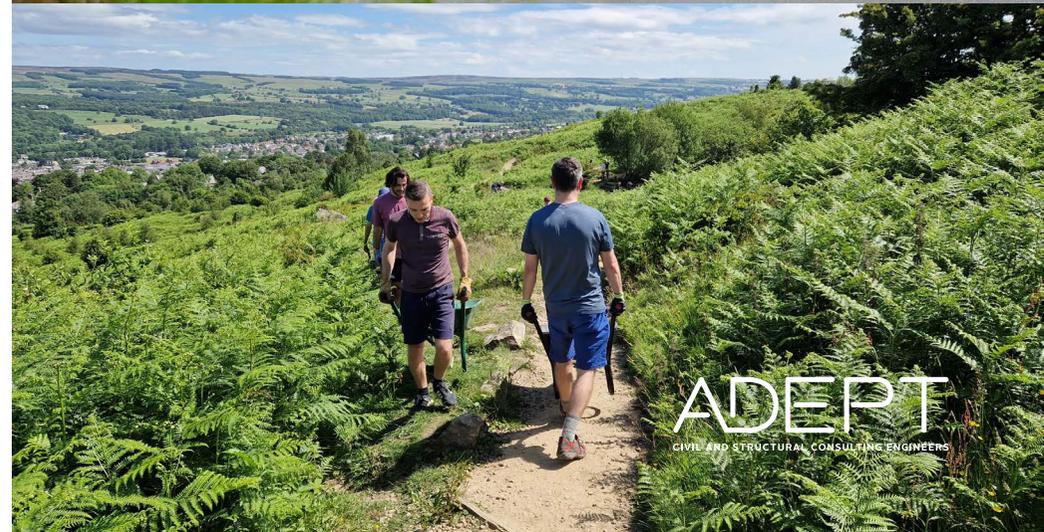
Adept runs a successful Apprenticeship programme, employing students from Leeds College of Building and Barnsley College. Every year new apprentices are recruited and developed, enabling them to learn and thrive. We are proud of our ability to support the engineers of tomorrow and have employed at least one apprentice every year since 2008.

Nine members of our team have come through this route, and we continue to support Higher Apprenticeships to degree level. Our very first apprentice is now a senior engineer, having graduated from a university degree funded by Adept, and is now running his own complex schemes.

EXECUTIVE TRAINING

Management training is offered through a number of professional organisations and business mentors who we have developed strong relationships with over the years. We draw upon their qualified experience to reflect on our methods and guide our business development strategy forward.

Our continued involvement with the Goldmans Sachs 10KSB scheme, gives access to a variety of leadership level training and development courses.





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 239 4518** if you would like to enquire about the role.

Adept is an Equal Opportunities Employer



ENQUIRIES:
0113 239 4518

ADEPT

CIVIL AND STRUCTURAL CONSULTING ENGINEERS

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