



## PRACTICE PROFILE



### CONSULTING STRUCTURAL & CIVIL ENGINEERING DESIGNERS

Managing Director - Andrew Rimmington BEng CEng MStructE

Technical Director - Brian Smith BSc CEng MStructE

Consultant - Robert Marshall BSc CEng MStructE MICE

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## INTRODUCTION

ARC Engineers Limited was formed in 2007 and has steadily grown to employ six technical members of staff. From our offices in Leeds our work covers the length and breadth of the country and encompasses a variety of sectors.

We work for numerous clients including Local Authorities, Architects, Private Clients, Trade Manufacturers and Fabricators. With such a diverse range of clients from Local Councils and National PLC companies through to individuals we have developed procedures which enable us to meet the needs of all our Clients irrespective of the scale of the brief.

We consider each Client is unique, and every project different and it is our aim to provide a personal and honest service, tailored to the individual requirements of each client and their particular project;

As such, ARC Engineers seek to take a more rounded approach to design and the way we conduct our day to day business. We aim to provide a collaboration of like minded individuals working well together to deliver what our Clients require. In simple terms we would like for us to be known for providing well thought out, solid, practical Engineering advice and buildable designs.

## CLIENTS

C R Longley Ltd / Whites Concrete

Shire Timber Structures

Baxter & King Construction Ltd

Woodside (Precast) Concrete Ltd

Naylor Concrete Products Ltd

Spencer Jones Timber Design Ltd

Leeds City Council

Selby District Council

Kirklees Council

Metallic Fabrications Ltd

Northorpe Hall Child and Family Trust

Eagle Care Homes Ltd

Fielding Construction Ltd

Quay Point Developments Ltd

Stotts Coaches (E Stott and Sons)

Innovare SIPS

BUPA Care Services Ltd

Oddy Hunter & Goss Architecture

D G Horner Associates

Ashton Bennett Consultancy

Designspace Architects

New Ivory Sauce

ASG Fabrications Ltd

Peter Armitage Ltd

Jacobs / North Yorkshire County Council

Peter Harper Surveys

All Points North Publications Ltd

Oasis Properties Leeds

Longley Farm

Q – Railing (UK)

MSS Developments Ltd

Northern Event Structures

## TECHNICAL CAPABILITIES AND RESOURCES

### KEY STAFF

**Andrew Rimmington**  
**BEng(Hons) CEng MStructE**

**Managing Director**

Andrew is a Chartered Structural Engineer who has previously worked as a site engineer for a major regional contractor and also for a variety of consultants on projects ranging in construction value from a £1000 to £130M. His past experience includes sports stadia, industrial process facilities, warehousing and education projects.

Since forming ARC Engineers Andrew has developed a robust client list and developed a practice which undertakes a wide variety of work ranging from structural inspections and residential extensions to multimillion pound healthcare projects.

**Brian Smith**  
**BSc (Hons) CEng MStructE CMIOSH**

**Technical Director**

A Chartered Structural Engineer, Brian joined ARC Engineers in early 2011 as our Technical Director. With over thirty years extensive experience in all aspects of construction, Brian's role within the company ensures we deliver sound, well engineered solutions. With a broad range of project experience, Brian also specializes in the following areas;

- All aspects of ground works and foundation design.
- Specialist foundation designs for dynamic loading.
- Reinforced concrete structures including medium and high rise buildings.
- Civil Engineering design for water treatment works.
- Visiting Tutor at Huddersfield University Department of Architecture.

**Robert Marshall**  
**BSc CEng MICE MStructE**

**Consultant**

Robert is a Chartered Civil and Structural Engineer who has been involved in construction for almost fifty years with experience of structural surveys and designs for projects ranging in value from small schemes for private clients to major multi million pound developments.

During his time with Kirklees Metropolitan Council Robert was responsible for the design of many new buildings, extensions, alterations and refurbishments. In addition to design work Robert also undertook structural inspections and condition reports on a vast number of buildings forming the building stock of Kirklees Metropolitan Council including school premises.

## TECHNICAL CAPABILITIES AND RESOURCES

### KEY STAFF

**Ed Strouts**  
**MEng CEng MIStructE**

**Principal Engineer**

A Chartered Structural Engineer with over fifteen years experience, Ed brings a wide range of experience in structural design of building and civil engineering projects. This has covered a number of sectors including commercial, residential, education, bridges, industrial and retail.

Past project experience covers a wide spectrum from new build medium rise steel frame residential developments to the innovative refurbishment of a listed hotel. Earlier experience included the design of industrial buildings and waste water treatment works followed by a period spent on site as an assistant project manager.

**Lee Fisher**  
**BEng**

**Structural Engineer**

Lee is a Structural Engineer with over 7 years experience in both Structural and Civil Engineering design.

His experience covers Traffic and Transport engineering as well highway inspections and scheme designs for the Area maintenance networks. Lee also has experience with Development Control and his experience led him to a secondment in Eastern Europe with a major international consultant to undertake network improvements and highlight health and safety issues.

Lee transferred from Infrastructure design to Building Structures design in 2006 and since then has been engaged in the role of Structural Engineer managing a team working on building projects across a range of sectors which include Schools, Hospitals, Residential and Industrial as well as undertaking several key historical projects.

**Andrew Cullen**  
**HNC BEng**

**Senior Structural CAD Technician**

Andrew is a Senior CAD Technician with over 17 years experience of working for design consultancies on Structural Steelwork, Rail, Bridge and Civil projects. With extensive knowledge of both 2D and 3D CAD software packages he provides expert support in the preparation and delivery of technical drawings for construction projects.

### **TECHNICAL CAPABILITIES AND RESOURCES**

With the wealth of experience available to the practice through our consultants ARC Engineers are well placed to identify, understand and assess the more unusual aspects of structures that can be encountered in an ageing building stock.

With this combination of traditional engineering expertise combined with the latest analytical software we feel ARC Engineers are more than capable of rising to any challenge our clients may encounter such as a specific problem with an existing structure or an ambitious project brief for a totally new development.

ARC Engineer's experience covers construction in all major materials and has recently been involved in the development of new innovative construction products for a number of our clients.

Our Design Engineers are supported by experienced technicians for the production of working drawings and construction details. Currently we employ the following specialist software packages;

AutoCAD  
CSC – Fastrak (Full Version)  
CSC – TEDDS  
CSC – S – Frame  
GTS CAD Build – Quickjoint connection design software

ARC Engineers are working towards an accredited QA system and have in place a number of procedures to ensure all projects and documentation are handled, presented and stored in a consistent manner.

Safety is paramount in our work and all of our schemes are designed to consider the implications of the structural form both during construction and for the end user once complete. Where necessary we undertake additional training courses to fulfil any gaps in knowledge and subscribe to HSE bulletins. Additionally ARC Engineers have two experienced, IOSH qualified, safety professionals who are available for consultation where projects may give rise to specific fire and health and safety risks.

### **INSURANCES**

We currently hold the following insurances and certificates are also attached.

£5M – Professional Indemnity Insurance  
£2M – Public Liability Insurance  
£5M – Employers Liability Insurance