



gary gabriel associates
consulting structural & civil engineers

Engineering *the difference ...*

Gary Gabriel Associates was established in Sevenoaks in 1983. The founding ethos of professionalism, quality and fun has been with us ever since. Our core service is consulting Structural and Civil Engineering.

Today the company is particularly well known throughout the South East, the South West and London, but our work takes us all over the UK and further afield, to Europe, Africa and the Middle East.

We pride ourselves on providing value to all of our Clients from our unique pool of knowledge and experience. Our business is first and foremost a people business, focused on delivering high quality engineering that exceeds our client's expectations, on time and within budget.

What Do We Do ?

As one of the largest independent structural and civil engineering design consultants in the South, there are very few sectors we do not work in. The chances are that you have been either in or very close to one of the thousands of structures that we have designed, as we work in all the main sectors, including Residential, Retail, Commercial, Education, Healthcare, Leisure, Heritage, Community and Transport.

What's it like, working with GGA ?

We pride ourselves on our friendly, approachable and personal service, which utilises our wealth of experience. Fundamental to the way we work is to obtain a detailed understanding of the client's precise requirements – we are good at listening!

Our designs are well considered and practical, we are good at problem solving, and thinking on our feet. When GGA are part of the design team, we contribute original ideas and make sensible suggestions. We work in close collaboration with architects and contractors to achieve the best results for each project. We are used to working to tight deadlines and programmes, and our professionally qualified staff have years of experience behind them.

What can we do for you?

The primary aim of GGA is to provide our Clients with a quality service, on time and within budget. We work with both private individuals, the public sector and businesses, from project inception right through to completion.

Our goal is to deliver imaginative and creative designs for the whole building, and its surroundings, appropriate to the Client's requirements.

Relationships and communication are key – a senior manager is in charge of each project, and is just a phone call away.

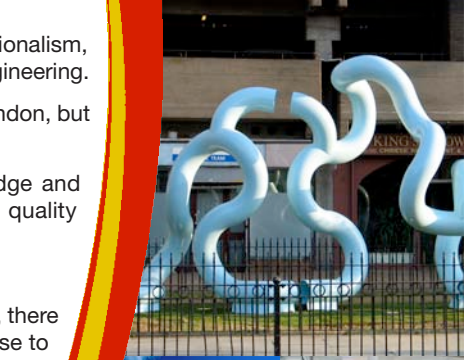
Quality assurance is achieved by in-house auditing, design critiques and design teams evaluating each other's designs. The Practice is accredited to ISO 9001:2008 and carries full Professional Indemnity and Public Liability insurance.

Structural Engineering

'Scientists make discoveries – Engineers make them useful.' Structural engineers contribute towards shaping the world we live in, often working with architects, on the design, refurbishment and construction of all structures from houses, offices, hotels, shops, and sports stadia to bridges, schools, hospitals and many other structures.

GGA ensure the design of the structure is technically correct but not at the expense of the architectural concept. Key elements are strength, stability and durability. The most appropriate solution to a particular structure is quickly identified, and alternatives proposed where appropriate. Most of our Engineers, as part of their training, have also worked for contractors, so we know how buildings are constructed on site. We utilise the latest analysis software. The range of services provided by GGA includes the following:

- Feasibility studies
- Structural design of all elements, in all materials
- Restorations, refurbishments and conversions designs and advice
- Foundation design
- External works design – retaining walls and slope stability
- Production of working drawings, including reinforced concrete detailing and scheduling
- Surveys, inspections and reports
- Expert witness



Civil Engineering

Whether the project is simply providing an access road for a housing estate or the complete infrastructure for a major commercial or retail development, civil engineering is a vital part of any development. Our structures and civils groups often work together on the same project. Our services include:

- Topographical surveys
- Site investigations
- Feasibility studies and flood risk assessments
- Drainage design
- Highways and estate roads layouts and design
- Bridges
- Water storage and distribution
- River diversions
- Earthworks design and land remodelling
- Planning engineering – pre-planning and post-planning advice
- Liaison with Councils and Statutory Authorities

Feasibility/Design and Build

To enable Clients to make speedy and accurate decisions, GGA can undertake feasibility studies and carry out preliminary designs for both proposed developments, costing exercises and contract bids. Aspects such as ground conditions, foundations and external works, superstructure design and stability can all be considered, alternatives highlighted -and risks identified. As being able to react quickly is often a major consideration, preliminary designs and drawings can be produced with days of the instruction. We are happy to provide D&B assistance on a no win – no fee basis.

Environment

Our designs, both structural and civil, take account of the need for sustainability and we acknowledge the effect that our work has on the environment, so that any impact is kept to a minimum. We are members of the South East Business Carbon Hub, and are well versed in the requirements of the Code for Sustainable Homes. We adhere to our environmental policy and expect to be ISO 14001 accredited in the very near future.

Community

We take particular pride in our immediate environments. We use local facilities. We are proud to sponsor the Art Department of Knole Academy at Sevenoaks, their student's paintings are displayed in our reception area. Our staff take part in the annual London To Brighton Bike Ride, and we enthusiastically embrace events such as the Wear It Pink day. We also sponsor Combat Stress and other local charities. We are active members of local Chambers of Commerce and the local branches of both the IStructE and ICE.

International Work

As well as working all over the UK, we have carried out work in France, Armenia, Kuwait, Zimbabwe and the Gambia. We are currently looking at projects in Libya and Morocco. We welcome a challenge and aren't afraid to do something different!

Awarding Winning Projects

We are proud of our professional achievements and the recognition that our work receives:

- Sainsbury's Best Structural Engineer 2009/2010
- Housing Design Award 2010 – Icon, Street, Somerset
- LABC Award 2010 – The Neville Childhood Epilepsy Centre
- Ashford Borough Council – Building Design and Construction Awards 2009 – Phoenix Community School
- RIBA National Award 2005 and Overall Winner, Kent Design Awards 2004 – St Augustine's RC School, Hythe



GGA People

Meet our senior management. Please feel free to call or email any of us to find out more about working with GGA, or for more information about GGA.

Sevenoaks



Trevor Cossey, Senior Partner

Trevor steers the GGA ship from our Sevenoaks head office. His speciality is historic timber framed structures. Trevor lives in nearby Otford and plays the drums in his band. Trevor joined the Practice in 1988 and had previously worked for the GLC and Sevenoaks District Council. [Email t.cossey@ggauk.com](mailto:t.cossey@ggauk.com)



Colin Hook, Partner

Colin joined GGA in 1992 from the Lawrence Hewitt Partnership. He has a particular interest in housing and industrial developments, and Design and Build schemes. Living near Maidstone, Colin enjoys golf and the odd glass of wine and real ale and is actively involved in the Sevenoaks Rotary organisation. [Email c.hook@ggauk.com](mailto:c.hook@ggauk.com)



Jonathan Message, Partner

Jonathan runs the Retail Group in Sevenoaks and was promoted to Partner in 2010. He lives on a smallholding near Crowhurst, and when he isn't feeding his ponies, chickens and other assorted livestock, he enjoys a round of golf and a game of cricket. [Email j.message@ggauk.com](mailto:j.message@ggauk.com)



Steve Pither, Group Technical Director

Based out of East Grinstead, Steve has been with GGA since 1992 and was formerly at the Lawrence Hewitt Partnership. Steve heads the Civils Group in Sevenoaks and is also responsible for Civils throughout the company. [Email s.pither@ggauk.com](mailto:s.pither@ggauk.com)



Paul Molineux, Group Technical Director.

Paul specialises in residential projects, both rebuild and refurbishment and particularly liaising with Clients and Architects to deliver their requirements. An avid Spurs fan, he lives in Wadhurst and also enjoys and game of golf. Paul has been with GGA since 1997, when he joined as a Graduate. [Email p.molineux@ggauk.com](mailto:p.molineux@ggauk.com)

Taunton



Duncan Clayton, Partner

Duncan joined GGA in 1999 at the old Sherborne office and now heads the Taunton office. He specialises in Retail and Residential developments, and is both a Chartered Structural and Civil Engineer. Living in a village on Exmoor, he enjoys country pubs, real cider and a good curry. [Email d.clayton@ggauk.com](mailto:d.clayton@ggauk.com)



Barry Pilcher, Group Technical Director

Barry has the distinction of being the first ever GGA employee, joining the Sevenoaks office way back in 1985. He started the old Yeovil office and has over 22 years experience of working in the South West. Barry relaxes by playing the guitar, swimming, and the odd game of squash. [Email b.pilcher@ggauk.com](mailto:b.pilcher@ggauk.com)



Daniel Kennard, Group Technical Director

Before joining GGA in 2007, Daniel ran his own practice in Dorset. GGA benefit from Dan's particular experience in steel framed buildings and particularly retail structures, as he has also worked for a number of steel fabricators. Dan enjoys a good game of rugby league. [Email d.kennard@ggauk.com](mailto:d.kennard@ggauk.com)

London (Fairhurst GGA)



Adrian Boulton, Group Technical Director

Adrian heads our joint venture London office with our friends and colleagues W A Fairhurst. Living in Sevenoaks, Adrian has returned to GGA after a spell working in Australia to broaden his horizons. A keen hockey player, Adrian also enjoys sailing. [Email a.boulton@ggauk.com](mailto:a.boulton@ggauk.com)

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Client List

Our Clients include:

Accor Hotels, Barret Haskins Designs, Bold Architecture, Bowmer & Kirkland, City Of London Corporation, Combat Stress, Coteba Ltd, Crest Nicholson, Denne Construction Ltd, Durtneils, Galliford Try, GSE Design & Build Ltd, Harrow Mosque, Higgins Construction, Honda UK, Huf Haus, International Medical Council, ISG Jackson, Jenners, Kent County Council, Kier South, Kier West, Kitewood Estates Ltd, Longcross Group Ltd, Marks & Spencer, MHS Homes Ltd, Millwood Designer Homes, Oakwood Group, Offset Architects, Oliver Barratt, Orbit Housing Group, Pentland Homes, R G Group Ltd, Sainsbury Supermarkets Ltd, Sherborne School, Stephen Langer Associates, South Somerset Homes, Thanet Offshore Wind Ltd, The FA, Tonbridge & Malling Borough Council, Westland Helicopters.

'Engineering – the art and practice of changing the world for the benefit of mankind.'

Chris Wise – Expedition Engineering

'Any fool can design a bridge that won't fall down.

The art of the Engineer is to design a bridge that only just will not fall down.'

Letter in The Times, 2000 in reference to the London Millenium Bridge



Members of:

The Concrete Society,
Steel Construction Institute
and TRADA



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