At Alan Baxter we believe that an holistic approach leads to better buildings and places for people to live and work. Since 1974 the firm has grown from a structural engineering practice into a highly regarded consultancy involved in all aspects of the built environment.
Established in 1974
Financially secure
Independent
Design led
Driven by Quality
Unrivalled knowledge of existing buildings
Award winning new building designs
Proactive team members
Economically aware
Understand the construction process
Committed to effective sustainability in construction
Long standing client relationships
"It is impressive that a firm their size can produce such consistent high quality engineering."
ACE Engineering Excellence Judge, 2009
A selection of our recent awards:
St Martin-in-the-Fields, with Eric Parry Architects
Structures Awards, 2009 – Winner
AIA UK Chapter Design in Excellence, 2009
RIBA Award, 2009
BCIA Awards, 2009
Georgian Group Award for restoration of a Georgian church, 2007
New Academic Building, London School of Economics, with Grimshaw
ACE Engineering Excellence Award, 2009
Structures Awards, 2009 – Shortlisted
Structural Steel Design Awards, 2009 – Commendation
The National Gallery, with Dixon Jones, Wright & Wright and Caruso St John
RIBA Award, 2006
Castleford Bridge, with McDowell & Benedetti
ACE Engineering Excellence Award, 2009
Structures Awards, 2009 – Commendation
Structural Steel Design Awards, 2009 – Winner
RIBA Award, 2009
RIBA CABE Public Space Award
BURA Waterways Renaissance Awards, 2009
Civic Trust Partnership Award, 2009
Constructing Excellence (Highly Commended), 2008
Herbert Gallery & Museum, with Pringle Richards Sharratt Architects
Civic Trust Commendation, 2009
Oxford Castle, with Dixon Jones and Panter Hudspith Architects
Academy of Urbanism Great Place, 2009
RIBA South Award, 2007
MIPIM Best Hotels and Tourism Resort, 2007
Civic Trust CentreVision award for best practice in town centre regeneration, 2007
British Homes Awards Mixed-use Development of the Year, 2007
RICS South East Awards Best Regeneration Scheme, 2007 and Overall Winner, 2007

Details of our many other awards can be provided on request.

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Basements

Space is at a premium in the centre of our major cities. This has led to a demand for ever deeper basements.
We understand basement construction. We have designed several complex basements in confined city centre sites which have been built successfully and completed on time and cost.

We understand the risks. Our approach identifies, eliminates and manages them. This achieves economies in time and money.

London Underground has described our approach to basement construction adjacent to their assets as exemplary.
Bridges create communities. They can change people’s lives many miles away from the divides they span. They create new links and new ways of moving. They can lift our spirits.
Places of Worship

Cathedrals are the focal points of our cities. Together with other places of worship, they act as centres for debate and care of our communities.
Places of Work

The way we work continues to evolve. Where we work has to accommodate change and respond to the sustainability and carbon agendas. We are collaborating with clients to achieve future-proof and sustainable modern office buildings.
Snow Hill, Birmingham: phase two under construction, with phase one behind.

Siebel Headquarters, Egham

Marble Arch House

RAC Bristol

Milton Park
Art, History & Culture

Our museums and galleries inform our culture and values. Our national institutions are, almost without exception, internationally recognised. We have lasting, long term relationships going back over 20 years with many of these institutions, looking after their existing buildings, assisting with exhibitions and implementing new projects.
Drama, music, dance and opera enrich our lives. They serve as a reminder of the past and are a vehicle for comment on our present and future. We have worked on several contemporary performance buildings and on the care and upgrading of important traditional theatres.

Places of Performance
Places of Learning

Our schools and universities have struggled to upgrade and renew their facilities to keep pace with the advances in education. In the past decade this has changed. Our interest goes beyond efficient and effective structural engineering, to how the buildings and places we create influence the learning environment and wider development of students.
London School of Economics: Suspended structure achieves column free breakout space over lecture theatre

Corpus Christi, Cambridge: New library

Primary school classrooms: Prefabricated timber pods

Hull History Centre & University Archive: Timber wintergarden structure

Gibraltar School: New comprehensive school
Hotels

Many of the most successful and notable hotels are housed in buildings of historic or architectural interest. The buildings provide an identity and define their character. The former Oxford Castle Prison or the home of the Astors at Cliveden in Berkshire are examples.
Oxford Castle

Cliveden, Berkshire

Great Eastern Hotel, Liverpool Street Station

Serjeant’s Inn: Conversion of office building to hotel

Hotel Pods: Stressed skin prefabricated bedroom units
Our towns and cities cannot function without effective and efficient infrastructure. The challenge in the 21st century is how to renew and upgrade urban infrastructure efficiently without disrupting or destroying how cities work. An understanding of the engineering constraints and marrying these with the requirements of the brief points the way forward.
**London Bridge Station:** Removal of Victorian arches allows a coherent station to be created with air rights building over.

**Meadowhall, Sheffield:** Flood defence to shopping centre

**Bishopsgate Goods Yard:** Reuse of Victorian railway infrastructure

**Snow Hill, Birmingham:** Road alterations and railway viaduct designed by Alan Baxter created a larger and more human site

**Biggin Hill Aircraft Hangar:** Main truss

**Crossrail:** Assessment of tunnelling effects on listed buildings
Many palaces and country estates are now visited by the public or are home to important institutions or national bodies. The need to update these buildings for modern uses provides many challenges. Observation and understanding their history and past performance guides us in our approach. Costly interventions can usually be avoided.
The UK remains short of good quality housing. In our large towns and cities we are building higher with increased density close to public transport links. There is also demand for one-off high quality, high value houses and upmarket apartments, particularly in central London.
susannah street, east london: built three months ahead of programme due to design allowing fast concrete construction techniques to be implemented

hampstead: house rebuilt behind retained facade with link tunnel to double basement beneath rear garden

gerald road: new cantilever stone staircase

lowndes square
Residential Refurbishment

We have been involved in creating some of the finest private residences in Britain, often using our conservation experience in conjunction with imaginative engineering innovation.
Eaton Place & Lowndes Close:
Major refurbishment/reconstruction to unite into a single residence

15a Kensington Palace Gardens

Earls Terrace underground pool

St Pancras Chambers

Eaton Place & Lowndes Close: Major refurbishment/reconstruction to unite into a single residence

Royal William Yard
Retail & Restaurants

Shopping and eating out are frequent activities for many people and London’s retail often attracts international clientele. Our work is focused mainly on retail buildings in our town and city centres close to transport links which reflects our view on sustainability, community and successful urbanism.
Selfridges, Oxford Street

Holy Trinity church, Marylebone

Borough Market: Replacement of a 1950s concrete structure with a new building incorporating elements from the Floral Hall at the Royal Opera House

Lower Precinct & Covered Market, Coventry

55–91 Knightsbridge: New mixed use development behind retained façade
Hospital buildings are known to influence the patient’s response to the care and treatment they receive inside them. This is not yet fully recognised or reflected in new hospital buildings. Science and technology are demanding new building types and spaces. These need to respond to future change as technology moves on, in order to be truly sustainable.
The London Clinic Main Hospital: Revit modelling of building for refurbishment & expansion

Maggies Centre, Oxford

European Institute of Health & Medical Science, University of Surrey

Health School, Rivermead Campus, Anglia Ruskin University
Leisure, recreation and fitness are part and parcel of a modern and healthy lifestyle. Community leisure facilities remain under-provided and some employers are now providing gymnasium and fitness centres in the workplace, or arranging access to nearby local health clubs.
The Castle, Stoke Newington: A state of the art rock climbing centre constructed within the redundant pump house

London Business School: Student Sports complex

Dance academy, Finsbury Town Hall

Kentish Town Sports Centre

Sir Peter Scott Centre, London: Bird Sanctuary & Visitor Centre
Sustainability

We are committed to working in a way which embraces conservation of the earth’s resources in the widest sense. Making the best use of our existing built stock and taking steps to reduce its energy demands are the starting point. New structures need to use material efficiently. We have to continue to recycle materials and reduce embodied carbon. Most effort is focused on carbon revenue in construction. The carbon capital (embodied carbon) is equally, if not more, important.
Alan Baxter, London Office: We are housed in a naturally ventilated former warehouse. The building management strategy uses night purging in conjunction with the thermal mass of the structure to keep the building cool.

BRE Campus: Our work is focused on the real issues associated with the sustainable refurbishment of Victorian buildings.

Bolsover Street, London: Built to BREEAM Eco-homes ‘excellent’ standard.

RAC Rescue Control Centre, Bristol: Incorporates a thermal wheel heat-recovery system.

Hampstead: Installation of closed loop borehole system at private house.

St Martin in the Fields: Incorporates open loop boreholes for cooling and low level air plenum.

Alan Baxter Lincolnshire Archives: A converted agricultural building maximises natural lighting through its use of rooflights and includes photovoltaic panels for power.

Alan Baxter, London Office: We are housed in a naturally ventilated former warehouse. The building management strategy uses night purging in conjunction with the thermal mass of the structure to keep the building cool.
Alan Baxter is a unique multi-disciplinary firm. The services we provide have grown out of our wider interest in the built environment and include historic building conservation advice, urban design & masterplanning and transport & movement consultancy.
The Works, Ebbw Vale: Masterplanning

London Bridge Station: Pedestrian movement

Belgrave Square, London: Building Significance

Unilever House: Conservation advice as part of a major redevelopment project