

Alan McVicar
BSc (Hons) CEng
MIStructE



Director Structural
Design Consultancy

Qualifications

Full Member of the Institution of Structural Engineers.
2.1 Honours degree in Civil Engineering – Brighton University

Key Skills

Multi-disciplinary Projects, Design Team Coordination

Experience in many types of challenging building projects.

Key Skills:

- Project development from conception to Construction.
- Experienced in providing value engineered solutions to large & small scale projects.
- Providing team support to deliver projects to programme.
- Key decisions made clear to client regarding most economical solutions.
- Multi-Disciplined approach to design may provide adoption of structural approach or solutions best suited – Will take an 'Holistic view' of other disciplines requirements to fit in with programme.
- Commercial understanding to contractual issues.

Synopsis

Alan has worked in structural Engineering and Civil engineering for over 40 years providing design packages & Civil Engineering solutions ranging from minor residential to some major structural building projects in the UK. Having graduated in 1985 from Brighton University, undertook the Structural Institutions Examination becoming a Chartered Engineer in 1990.

He has worked for numerous structural Consultancies in London gaining a very broad range of experience from large to small-scale projects, including deep basement projects to high rise multi-storey concrete or steel residential frames to bridge decks, Portal frames, tunnels, & slipform towers.

During the previous 10 years efficiently heading **AMCENG Structures Ltd** prov' exceptional design solutions to small scale projects has led to Alan being highly specialised in other aspects such as, Extensions, Loft conversions, Grade listed buildings, identification of defects & provision of remedial repairs, timber frames, external garden office Studios, Glazed extension structures & temporary works packages.

Alan is an excellent communicator through written word and negotiation. This company produces many structural reports for pre-acquisition or pre-sale houses for lenders of properties that Surveyors reports have identified defects to remediate. We have written structural reports for more prestigious commercial properties such as the Excel Centre in Docklands

This company provides economic & practical design solutions to meet client's budget. We ensure all Building Control issues are dealt with to ensure no delays in the build programme. We are very responsive to all builder enquiries or clarifications when required. We also provide alternative options that maybe considered to enhance the scheme, to develop more contemporary building living space. This company also embraces sustainability aspects of a build promoting more timber-based design solutions where appropriate.

Previous Companies

WSP Cantor Seinuk, McBains Cooper, Clarke Bond Capital, Atkins, Peter Brett Associates, Pell Frischmann Consultants, Yolles Partnership, Waterman Partnership, RMJM, Clarke Bond Partnership, Trigram Design Partnership, Sir William Halcrow, Edmund Nuttall, Tileman Ltd.

Brief Project History

Maiden Lane, York way, London NW1

Major housing scheme north of Kings Cross regeneration area. The development consisted of design to novation stage of 9 RC framed buildings of various sizes & storey heights ranging from 3 to 7 storey including a 20-storey tower.

Bond St Crossrail Station

Structural design team for the design and development of the two deep box structures at the Eastern & Western ticket Halls.

2012 Olympic Media Centre IBC, MCP, MSCP

External technical review of three media building for the Olympic games 2012. The 3 buildings reviewed were designed by Buro Happold (MCP) Media centre, Walsh Associates (MSCP) Multi-storey car park & International Broadcast centre (IBC) by RPS Newark. Technical review board team member. Permanent on-site presence for quality control inspections of the build progressing

2012 Olympic, Athletes village

Athletes' village accommodation blocks consisting of 10 to 15 storey RC construction high rise.

Northgate Bridge, Liverpool St Rail station

Steel deck structure of a large span 36 m x 34 m pedestrian cover bridge over busy live rail lines, part of overall scheme by Architect Foster & Partners located just north of Liverpool St station adjacent to Bishopsgate, deck consisting of deep fabricated girders, box girder and cantilevers all of weathering erected to strict timetable of allowable track downtimes.