
Jon Chick – Senior Director

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ACADEMIC & PROFESSIONAL QUALIFICATIONS

BSc	-	Civil and Structural Engineering (1980)
MSc	-	Concrete Structures (1985)
DIC	-	Concrete Structures (1985)
CEng	-	Chartered Engineer (1986)
CEnv	-	Chartered Environmentalist (2006)
FICE	-	Fellow of Institution of Civil Engineers (2000) MICE (1986)
FIStructE	-	Fellow of the Institution of Structural Engineers (2000) MIStructE (1989)
MCIArb	-	Member of the Chartered Institution of Arbitrators (1999)
FconsE	-	Fellow of the Association of Consulting Engineers (1994)
MCIHT	-	Corporate Member of the Institution of Highways and Transportation (1982)
FRSA	-	Fellow of the Royal Society Arts (1994)
FAE	-	Fellow of the Academy of Expert Witnesses (2016) MAE (2005)

GENERAL:

Senior Director of J P Chick & Partners Ltd, Consulting Civil, Structural and Environmental Engineers with ultimate responsibility for all designs issued.

Personally involved in forensically analysing complex Engineering problems. Regularly instructed as an Expert Witness advising Solicitors, Barristers, Insurance Companies, Contractors, Consultants and Building Owners on engineering aspects of disputes. Experienced in producing CPR Compliant Reports and Expert Joint Statements. Regularly

acts as a jointly instructed Expert Witness and giving Expert Determination in disputes. Has submitted evidence in both the High Court and the Technology and Construction Courts.

Experience: -

Structural Defects and Failures

- Issues with reinforced concrete flat slab construction and necessary remedial works to multi-storey Hospital on the South Coast.
- Reinforced concrete column failure in multi-storey apartment block.
- Reinforced concrete Hospital with issues over torsional effects and required remedial works.
- Investigations into RAAC and design of remedial measures.
- Investigations into excessive deflection of floor structures in an apartment block in Cambridgeshire. Investigations confirmed inadequate installation of metal web floor joists causing excessive movement.
- Report on cause of site accident-causing life changing injuries. Comment on Health and Safety Standards at site – West London.
- Advice on structural movement to balconies, steel frame building, multi-storey apartment block - Wales.
- Investigations into structural distress of reinforced concrete multi-storey car park. Investigations include workmanship issues over placement of concrete, drainage design and corrosion protection to structural steel – Wales.
- Structural damage to adjacent dwellings caused by piling – various locations throughout the United Kingdom.
- Assessment of reinforced concrete decay to car park over car showroom – Central London.
- Investigations into excessive corrosion and failures to football stand – Wales.
- Investigations into structural movement to property due to adjacent development with inadequate contiguous piles causing lateral movement – Sandbanks.
- Failure of adjacent retaining wall due to inadequate propping during construction – Isle of Wight.
- Investigations into foundation movement following construction of concrete foundations over soft clays – North London.
- Investigations into heave movement in passive house caused by failure of ground source heat pump – Yorkshire.
- Investigations into timber floor structure suffering from inadequate charring resistance – Suffolk.

Basements

- Floatation issues with reinforced concrete basement, including design of remedial scheme - Essex.
- Assessment of water ingress in basement constructed with steel sheet piles, check on original design and specification of remedial works - Central London.
- Temporary works failure during construction of basement causing significant damage to third parties. Advice on remedial works and party wall surveying – Central London.
- Investigations into deep basement construction surrounded by running water including assessment of grout injection – Central London.

Cladding

- Significant issues with external cladding on new Hospital and advice on refixing alternatives to minimise patient discomfort – North England.
- Advice on design and installation of cladding to tower blocks – Oxfordshire.
- Assessment of localised cladding fixing failure – Central London.
- Failure of structural support system for external brickwork façade, several tower blocks – Southwest London.

Subsidence

- Have investigated numerous domestic dwellings suffering from tree root subsidence and recommended/designed the appropriate remedial repairs – Nationwide.
- Investigate numerous domestic properties suffering from subsidence due to drainage failure and advise on remedial works – Nationwide.
- Investigations into new development suffering from heave as a result of former vegetation on the site. Assessment of heave potential and advice on remedial measures – The Midlands, East Anglia and London Suburbs.
- Landslip due to excessive rainfall – various locations throughout Europe.

Civil Engineering

- Provide advice on drainage attenuation systems and design for piled buildings adjacent to existing buildings – Somerset.
- Investigations into internal flooding caused by surface water drainage surcharge to a Methodist Church – Central London.

- Investigations into surface water drainage design to underground car park and assessment of causes of repeated flooding – Central London.
- Assessment of remedial works following a collision with a lorry damaging an abutment to an over bridge – M6 Lincolnshire.
- Investigations into inadequate attenuation tanks, surface water drainage, housing development – Kent.
- Assessment of reinforced concrete at multi-storey building where it is alleged that there were original building defects in the grade of concrete used – Central London.
- Investigate surface water run off causing damage to adjacent buildings – Essex.
- Assessment of stormwater storage capacity and run off, together with flood assessment, new prestigious dwelling – Southwest London.
- Investigations into slope stability and local land fall affecting a series of properties - Yorkshire.
- Investigations into reinforced concrete industrial floor slab, major car company – Central England.
- Investigations into reinforced concrete defects in reinforced concrete access road surrounding major bottling/canning plant – Yorkshire.

CAREER HISTORY

2003 – PRESENT J P CHICK & PARTNERS LTD SENIOR DIRECTOR
1988 - 2003 J P CHICK & PARTNERS LTD SENIOR PARTNER

Formed J P Chick & Partners initially as a Sole Practitioner. Gradually the Practice expanded and now currently employs approximately 45 personnel, many of whom are professionally qualified.

The Expertise of the Practice has gradually expanded since its original inception and is now heavily involved not only in Civil and Structural Engineering Design for Commercial and Domestic dwellings but also has a significant Environmental Engineering Department advising on new developments on contaminated site, flood risk assessments etc.

1981-1988 C H DOBBIE & PARTNERS SECTION HEAD/SENIOR ENGINEER

Initially employed as a Graduate Engineer, but generally promoted to leave the Practice as a Section Head / Senior Engineer.

1980 – 1981 PETROLEUM ENGINEER

A Sub-Consultant to various oil companies.