



**David Cuckow** CEng MStructE MIPENZ  
Regional Director

David has particular responsibility for leading large commercial development projects, drawing upon a wide experience of structural projects of all sizes. Recent experience of major projects using both steel and concrete have involved developments on confined city centre sites, as well as air-rights developments.

David is able to bring to any project a broad experience gained working to international codes of practice and in seismic regions; as well as the use of a variety of structural materials including composites and tubular and tension tied steel structures supporting both glazed and fabric external skins. This experience has also been used when fulfilling due diligence and construction monitoring roles for high-rise developments and specialist museum structures.

Recent projects have varied from a 33 storey commercial development constructed both, over and under a live railway; to a 4 storey historic structure on a listed site.

#### **Professional History**

2006 - Present: AECOM, Regional Director

#### **Affiliations**

- Chartered Engineer
- Member, Institution of Structural Engineers

#### **Project Experience**

##### **Residential - Hotels:**

- East Wick & Sweetwater – London  
Architect: various  
Client: East Wick & Sweetwatre  
Concrete framed 6 storey structures, as first phases of a redevelopment of part of the Olympic site. Site challenges have been building above the HS1 tunnels and mitigating the effects of a contaminated site.
- Wick Lane – London  
Architect: drmm  
Client: Taylor Wimpey East London  
Development of concrete framed structures in support of the Planning stage. Site challenges have been building above a Thames Water flood relief sewer and gaining build-over consent, as well as mitigating the effects of a contaminated site.
- Addington Street Hotel – London  
Architect: BUJ  
Client: Galliard Hotels  
Concrete framed flat slab 14 storey structure with 2 level basement. Built alongside the Eurostar terminal at Waterloo, hence construction of basement structure required gaining approvals from both Network Rail as well

as highways authority. Input to scheme development of the adjacent 'island' site as a Park Plaza Hotel with basement ballroom.

#### **International:**

- Lusail Artscape. Qatar  
Architect – AECOM  
Addition of various steel framed structures along an Expressway on the Northern approach to Doha, including 100m high arches with a suspended 3-storey building. Site based liaison role between international design teams based in UK, Qatar, UAE and Australia.
- Cleveland Clinic, Abu Dhabi: 360 bed 7 star healthcare facility, formed by a group of blocks of upto 21 stories, above a 3 storey podium. Building designed to IBC requirements. Steel framed superstructure, includes column transfers and cantilevered blocks, achieved by use of fabricated trusses. Site based liaison role between international design teams based in UK, Hong Kong, UAE and Australia.

#### **High rise/HQ buildings:**

- The Shard of Glass, London Bridge, London: 80 storey mixed use development, due diligence and site monitoring role, reporting to Allianz insurers.
- City Park, Manchester: 12 storey commercial development built over a 4 storey basement car park.
- 25 Bank Street, Canary Wharf: 33 storey, 165,000m<sup>2</sup>. headquarters building, built over and under the DLR railway and supporting the new Heron Quays station. Transfer trusses over the railway were designed to enable construction work to proceed without interrupting the railway operation. Lead UK based design and construction supervision teams, liaising directly with the client and architect and co-ordinating input of both UK and Canadian design teams.
- Holborn Place, London  
Architect – Foster Partners  
Headquarters building comprising 8 storey superstructure built over an existing 3 storey basement structure. A 1.5m deep concrete transfer structure at ground floor level provided the interface between the new steel superstructure and the existing concrete columns and retaining walls. Reuse of existing basement structure entailed extensive testing and monitoring during the works.