



Tim Thornton

Job Title **Director**
 Profession **MSc BSc CEng MCIBSE MIMechE**
 Speciality **Multi-Discipline & Sustainable Design**
 Nationality **British**
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Profile

With 30 years hands-on experience as a designer, I have broad experience in development and building engineering. I am a collaborative team member experienced in working in both uni- and multi-disciplinary design teams, and producing fully co-ordinated design solutions for new-build, refurbishment and listed building projects in all sectors.

In my career I have spent 18 enjoyable years at Arup, I grew the Building Services capability at Halcrow Yolles prior to acquisition by CH2MHill, and I experienced a brief and exciting spell working on logistics projects in Iraq, Afghanistan and Pakistan. Steve and I started Thornton Reynolds in 2009.

Advanced skills

An Engineer in heart and mind.

I have a natural ability as a designer to solve problems with creative ideas, and to implement the solutions by converting them into practical engineering applied to the design of a wide variety of innovatory projects.

My analytical approach to problem solving, commitment to integrated multi-discipline design, and pragmatism in seeking real and appropriate solutions has enabled me to deliver high profile and complex construction projects during a very diverse career in engineering consultancy.

I am committed to an integrated design approach and have extensive experience in motivating and leading multi-disciplinary teams.

Qualifications & Membership

Qualifications

MSc Building Services Engineering
 BSc Engineering Science (Mechanical)

Professional Associations

CEng Chartered Engineer
 MIMechE Member of the Institution of
 Mechanical Engineers

Selected projects

- ILONA ROSE HOUSE, CHARING CROSS ROAD**
 Mixed use development of the former Foyles bookshop. A1/A3 retail at Ground with 8 multi-tenant office floors and 4 basement levels of retail, office, studios, and plant.
- WALKERS COURT, SOHO**
 Demolition, rebuild and extension around live tenancies to create multiple uses including a new theatre with revolving stage, A1/A3 retail, residential, and nightclub spaces..
- KETTNER'S TOWNHOUSE, SOHO**
 Refurbishment of 15 townhouses into one building, including Kettner's Restaurant and Soho House members club. Challenging introduction of guest rooms within listed buildings whilst maintaining existing heritage room layouts and features.
- BRENTFORD LOCK WEST**
 Phased development of 600 dwellings as 1,2,3 bed apartments and townhouses plus A1 retail units. Ph1 (150 units): Completed. Ph2 (150 units): 2018 completion. Ph3 (300 units): Start 2018. CSH Level 4 and BREEAM Very Good.
- MOORGATE HOTEL**
 A 27-room aparthotel in the City of London, designed by Lifschutz Davidson Sandiland.
- KING'S COLLEGE SCHOOL, WIMBLEDON**
 Award winning new building with classrooms and a multi-use hall. We worked closely with the architect to integrate and conceal M&E into the building's architecture.

Extended Project Experience

- **MOD CAT SUITE, BASTION AFGHANISTAN (KBR)**
Designing for the MOD a pre-fabricated medical suite including MRI and CAT scanners for shipping in kit form for local assembly
- **SCHLUMBERGER LOGISTICS CAMP, BASRA, IRAQ (KBR)**
Supervision of the construction of a new camp to support oilfield activities in Southern Iraq. The facility consisted of Blast resistant structures and over 20 buildings of various technical and welfare uses.
- **HALE WHARF, TOTTENHAM, LONDON (HALCROW YOLLES)**
An active waterside community of 400 homes and 45,000 sq ft of commercial development creating an exciting new destination in Tottenham.
- **TOWER WORKS, LEEDS (HALCROW YOLLES)**
New residential/commercial mixed use project in Leeds has a very strong sustainability theme in response to a challenging brief from the RDA land owner.
- **LONDON EYE REFURBISHMENT, (HALCROW YOLLES)**
Defined the brief, then delivered a detailed design, including full power, IT, architectural finishes, façade, critical safety systems, cooling, and ventilation upgrade for the 32 capsules.
- **EUSTON STATION REDEVELOPMENT, (HALCROW YOLLES)**
Project leader, responsible for a team to deliver utilities masterplanning and design, esco procurement, and designs for Station, Commercial, Retail and Residential components totalling 3m square feet.
Project was aborted
- **BBC SCOTLAND PACIFIC QUAY GLASGOW (ARUP)**
Responsible for the Mechanical and Electrical design for the new headquarters for BBC Scotland. The design incorporates many innovative features including a double skinned façade and displacement ventilation. The building contains TV and Radio studios and a range of technical offices. Resilience of services is of paramount concern
- **LONDON AQUATIC CENTRE (ARUP)**
Competition winning concept design for the London 2012 aquatic centre with swimming, diving and polo pools.
- **350 REGENT'S PLACE (ARUP)**
A new high quality speculative 13,000m² office building in central London for British Land.
- **NOTTINGHAM TRENT UNIVERSITY, (ARUP)**
An extensive upgrade of Grade II listed buildings to provide robust and flexible teaching space and student facilities. The project includes linking two existing buildings to form new facilities for the university including generic teaching spaces, offices, catering, lecture and conference.
- **NATIONAL SPACE SCIENCE CENTRE, LEICESTER (ARUP)**
7,000m² research and exhibition centre for astronomical themes and artifacts. This project is linked with the faculty at Leicester University which leads UK space research. The exhibition hall is built in a renovated stormwater tank.
- **WIGMORE HALL REFURBISHMENT (ARUP)**
A full refurbishment of the Wigmore Hall building services including the introduction of comfort cooling into a Grade II * auditorium.
- **NASHER SCULPTURE GARDEN, DALLAS, TEXAS (ARUP)**
A new private gallery to house international exhibitions of sculpture and hanging art. The galleries are daylight using a glass roof and a computer generated shading system to protect from direct radiation.