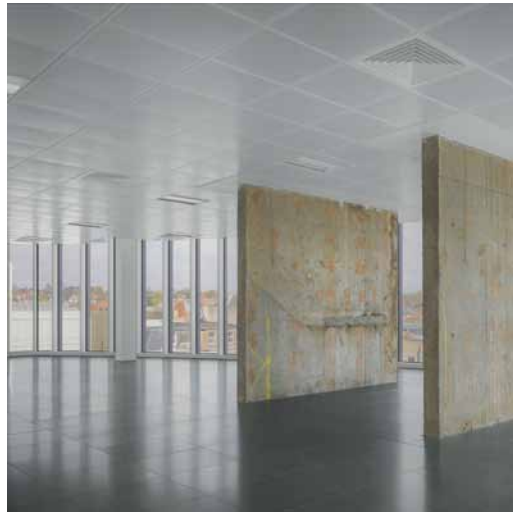


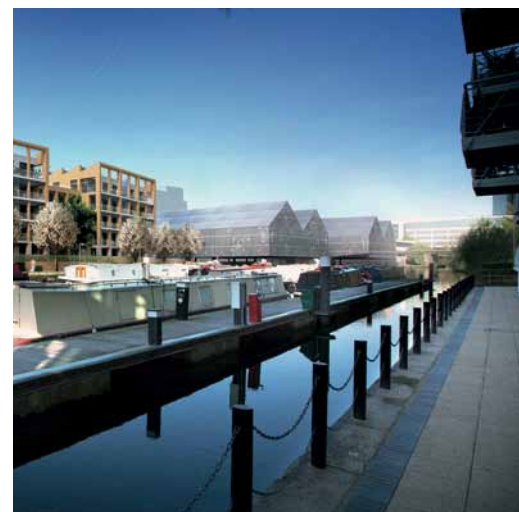
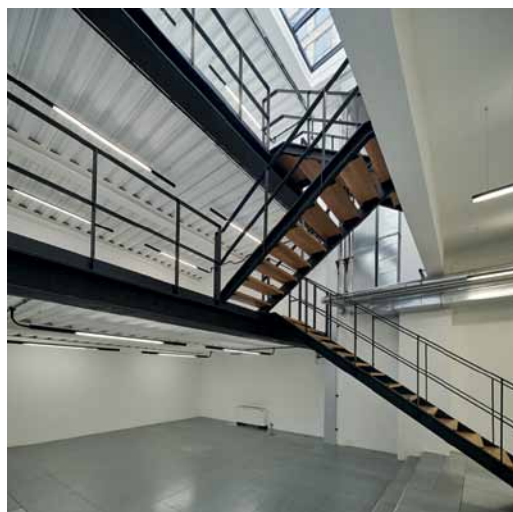
Capability Statement

August 2017



thornton | reynolds

intelligent reliable innovative design solutions
building services | sustainability | regeneration



Profile

Diverse design influences combine into a strong team

In 2009 Steve and Tim formed Thornton Reynolds, with Wayne and Sarah joining in 2014. The team has steadily evolved with the continuing support of good clients, on both new and repeat business.

We produce good designs which our clients value and which support the architectural ambitions.

Our fundamental belief is that effective solutions need to work both in performance and cost terms. Innovation is about finding simpler ways to do things better.

We maintain good working relationships with our clients by producing intelligent, reliable and innovative design solutions.



Clients

- LOW CARBON WORKPLACE
- BRITISH LAND
- SOHO ESTATES
- UNILEVER
- AVIVA
- SCHRODER
- WHICH?
- WESTCOURT REAL ESTATE
- GERTLER PROPERTIES
- STANHOPE
- KINGSTON ESTATES
- GENESIS HOUSING ASSOCIATION
- WATERSIDE PLACES (MUSE/CRT)
- BRIGHTON COLLEGE
- TRASACCO ESTATE DEVELOPMENT

Architects

- KOHN PEDERSON FOX
- PLP
- GENSLER
- LIFSCHUTZ DAVIDSON
- CZWG
- HOPKINS
- MATTHEW LLOYD ARCHITECTS
- MAE
- BARR GAZETAS
- JOHN ROBERTSON ARCHITECTS
- ASTUDIO
- HALE BROWN
- THE MANSER PRACTICE
- MATT ARCHITECTURE
- SODA
- LEEP
- DSDHA
- UNIT ARCHITECTS

Project/Development Managers & Quantity Surveyors

- M3
- MACE
- CBRE
- GLEEDS
- QUANTEM
- GVA GRIMLEY LTD
- MAH
- DEVELOPMENT MANAGERS LTD
- GARDNER & THEOBALD
- CORE FIVE
- APPELYARD AND TREW
- HUSH PROJECT MANAGEMENT & CONSULTING
- CAST CONSULTANCY
- BEADMANS
- PLATFORM
- CUBE

Tim Thornton

MSc
BSc (Hons)
CEng
MIMechE

30 years of diverse experience in construction design across all sectors gives Tim deep insight and good judgement which he brings to projects. A career at Arup and time spent with Halcrow and KBR has developed in Tim a thoughtful approach to problems, an understanding of projects in the round and a pragmatism which leads to practical, efficient and appropriate solutions.

Career highlights:

- LONDON AQUATIC CENTRE
Building services and technical systems design for the 2012 Olympic Venue by Zaha Hadid.
- CASA DA MUSICA, PORTUGAL
Building Services leader for this new national venue with OMA.
- BBC PACIFIC QUAY GLASGOW
MEP design leader for new BBC HQ by David Chipperfield Architects.
- NATIONAL SPACE SCIENCE CENTRE LEICESTER
Research & exhibition centre for space exploration. Nick Grimshaw Architects.
- 350 REGENT'S PLACE, C LONDON
Speculative 13,000sqm offices for British Land, with Sheppard Robson.
- NOTTINGHAM TRENT UNIVERSITY
£70m Grade II listed refurbishment and extension by Hopkins Architects Ltd.

Stephen Reynolds

BEng (Hons)
CEng
MCIBSE
MIMechE

Steve brings many years experience of working in manufacturing, contracting to consultancy. Problem solving needs design solutions, which he brings to every project. Broadening this out with know-how and enthusiasm, Steve's understanding always leads to a good conclusion. Proactive and focused, Steve applies an analytical approach that provides the best solutions for each client's individual needs.

- KING EDWARD CT, LONDON STOCK EXCHANGE
Part of landmark Paternoster Square development, designed with free cooling and considerable stand-by power.
- WESTFIELD WHITECITY
290 TfL cables diverted for enabling, new bus, train and tube stations and infrastructure planning.
- ALIGA, HUNGARY
Infrastructure planning for a 45 hectare new landmark leisure resort, with landscaped ground source heating & cooling.
- UNILEVER, KINGSTON
Refit for Unilever's offices with a £2.5m budget with KPF.
- SMO, MOSCOW
New build 10,000sqm office in Moscow with London-based Architects of Invention.
- AIRPORT CITY, GHANA
New build 200 key hotel, working for local developer TEDC.

Sarah Harris

MEng (Hons)
MCIBSE

Sarah's mix of design and site experience enables a practical approach to projects.

From concept to operation she has the clients' interests at heart. With the love of a challenge Sarah enjoys 'sorting out' services in complicated situations, and has a keen attention for detail.

- ST PANCRAS RENAISSANCE HOTEL & APARTMENTS
Refurbishment of Grade 1 Listed building for 220 bed hotel and 67 apartments.
- BVLGARI HOTEL AND RESIDENCE
Knightsbridge 6 star 85 key hotel including basement pool and ballroom.
- NORWICH CATHEDRAL HOISTRY
New extension with Hopkin's for song school and exhibition spaces.
- UNIVERSITY OF CAMBRIDGE FITZWILLIAM MUSEUM
Building services refurbishment of Listed galleries.
- IMAGINATION DATA CENTRE
New build 2,500sqm data centre facility.
- ALDER HEY RESEARCH AND EDUCATION
Utilises site aquifer and exposed soffits to provide chilled slab solution.
- CHESSINGTON COMMUNITY COLLEGE
Phased construction of new school building with central atrium on existing site.

Wayne Malcolm

BEng (Hons)
CEng
MCIBSE

Wayne's 30 years of engineering design practice, in contracting and consultancy, brings a wealth of knowledge to a wide range of project types covering many sectors. He enjoys working within a creative environment, delivering projects to meet the client's brief. He takes a pragmatic approach throughout the design process, interpreting and clearly communicating design solutions in collaboration with the project team.

- ROYAL NATIONAL THEATRE, SOUTHBANK
£70m Redevelopment Masterplan for Grade II listed building for Royal National Theatre; Architects: Howarth Tompkins
- CHRIST'S COLLEGE + POND MEADOW SCHOOL GUILDFORD
New build for special needs school for 2-19 year olds and 700-pupil secondary. Client: Surrey County Council & Christ College Board of Governors. Architect: DSDHA.
- BRENTFORD LOCK WEST PHASE 2
Residential development in construction. Phase to be completed July 2018.
- WALKERS COURT, SOHO, LONDON
In construction, to be completed May 2018. Mixed sector development: new theatre, commercial, retail and residential.
- PINNACLE HOUSE, WIMBLEDON
£11m commercial refurbishment of existing office building to add floor space. Client: Aviva Investors and Kingston Estates.

Commercial

Wimbledon office refurbishment for Aviva: extended and reconfigured internal spaces, re-clad front, removed existing roof to extend by adding 3 floors. Green roof, planted terraces, and plant space enclosure added. Basement reconfigured to accommodate plant room, cycle parking, showers & changing. VRV system, gas fired condensing boilers, renewable energy PV array at roof level.

Pinnacle House
Client Aviva
Architect Matt White Architects
Development Manager Kingston Estates
Cost £11M
Size 5,600sqm



Be Wilson
Client The Low Carbon Workplace Partnership
Architect AStudio
Cost £20M
Size 7,000sqm




Existing building is extended & refurbished. Distinctive exposed services & optimised plant areas to create terraces on upper floors with City views. Water cooled DX VRV systems recover energy across the building. People-counting and carbon emissions per capita recorded for Carbon Trust monitoring.

Ilona Rose House
Client Soho Estate
Architect MATT Architecture
Cost £120M
Size 30,000sqm



Mixed use development of the former Foyles bookshop. Mixed retail at Ground Floor with 8 multi-tenant office floors. Four basement levels of retail, office, media, and plant. The plant to serve communal heating/cooling network to the adjacent street for nightclub, residential, and education use.

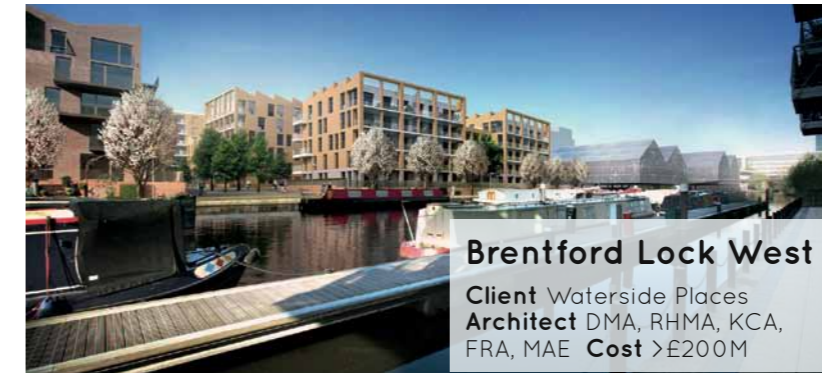
Which?
Client Which?
Architect KPF and HLW
Cost £11M
Size 5,000sqm



Refurbishment and extension project for Which? HQ with listed 'Nash Terrace' frontage to Marylebone Rd and 1980s' rear extension. New fourth floor roof extension. Full replacement of all building services for offices, conference auditorium, kitchen, servery, ancillary areas.

Residential

Brentford Lock West
Client Waterside Places
Architect DMA, RHMA, KCA, FRA, MAE
Cost >£200M



Phased mixed-use development of 600 dwellings as 1,2,3 bed apartments and townhouses with some A1 commercial units. Phase 1 (150 units): Completed. Phase 2 (150 units): 2018 completion. Phase 3 (300 units): Start 2018. CSH Level 4 and BREEAM Very Good.

Stage 2 design for Phase 1 of the Genesis part of the Old Oak Common masterplan. Design to planning for this 605 apartment in three blocks. New energy centre with CHP, generator, boilers etc., also standardised utility cupboards, with underfloor heating Heat Interface Units/ networked metering system & MVHR units.

Oaklands
Client Genesis Housing Association
Architect CZWG
Cost £175M
Size 63,000sqm



Hanwell Marshall
Client Lou Hanwell Ltd.
Architect Gensler
Cost £10M
Size 3,900sqm



On the site of the original Marshall Amps shop, this 59-apartment block has retail and apartment concierge/ arrival at Ground floor. 1st Floor has an elevated amenity space at the rear with sheltered space. Development will connect to the local community heat network.

Canterbury Crescent
Client May Developments
Architect Unit Architects
Cost £19M
Size 9,500sqm



New build of private residential apartments in Brixton. This 'mid-rise' block will complement and rise above adjacent existing housing. Retail at ground. There is an energy centre with future capability to link to the local area district community heating network.

Hotels



Kettners Townhouse
Client Soho Estates & Soho House
Architect SODA
Cost £15M
Size 5,400sqm

Refurbishment of 15 terraced townhouses into one building in Soho, including Kettners Restaurant and Soho House members club. Challenging introduction of guest rooms within listed buildings whilst maintaining existing heritage room layouts and features.

Developed by Trasacco Estate Development Company (a Ghanaian developer). Ground floor will accommodate a conference facility catering for 225 seats, and a ballroom. Other amenities include a bar, restaurant, swimming pool, garden lounge, bar/cafe, dining area and meeting rooms. Our desing includes: backup generation, DX cooling throughout and heat recovery the design offered reliable low carbon solution.



Hilton Garden Inn, Accra
Client TEDC **Operator** Hilton **Size** 286 guest rooms over 13 floors over total area of 10,600sqm



Moorgate
Client EPIC
Architect Lifschutz Davidson Sandilands
Cost £6.5M
Size 27 units

A 27-unit boutique aparthotel in the City of London providing much needed accommodation for visiting professionals.



Hilton Batumi
Client Tourinvest
Operator Hilton
Architect RTKL
Construction Mace
Cost £50M
Size 75,000sqm
 250 keys and 80 luxury apartments

Hilton luxury hotel tower development in Batumi, Georgia. There are two 20 level towers, one for the hotel, the other for luxury apartments, both sit above podium facilities (reception, car park, retail, conference). Completed 2014, with our heat recovery and energy saving design.



Education

We provided three new 30+ occupancy lecture theatres and "Teaching Enhanced Active Lecture" rooms in the Torrington Place building. Our challenge was to achieve 2.5m clear height with existing services and achieve SKA Gold rating. System strategies included demand-controlled VAV, heating connected into campus-wide district heating and cooling into existing air cooled chillers.



UCL Torrington Place Restack Project
Client University of Central London
Architect John Robertson Architects
Cost £6M



Brighton Academic Building
Client Brighton College
Architect Hopkins Architects
Cost £9M
Size 2,500sqm

Intricate newbuild to replace old pool, build 11 classrooms and a double height 'experimental classroom' with Audio-Visual enhancements for new teaching methods. Connects to site-wide groundwater heat pump system, providing underfloor heating. Photo-voltaic. BREEAM rating 'Excellent'.

RIBA London Regional Award winning school building with new classrooms and a multi-use hall. We worked closely with the architect to integrate M&E into the building's architecture ensuring sustainability and good comfort conditions throughout.



King's College School, Wimbledon
Client King's College School
Pupils 1,285 **Architect** Allies & Morrison
Cost £3M **Phase 1 Size** 1,465sqm



St Mark's Sports Hall
Architect Useful Studio **Cost** £2.05M
Structural Engineering Expedition Engineering
Cost Consultant Appleyard & Trew **Size** 1,235sqm

For Isleworth & Syon School we provided a 600m hall, reception, studio, changing rooms, office, spectator viewing, an outdoor covered entrance canopy and a classroom. We designed passive ventilation, solar PV and low energy lighting, all contributed to achieving a BREEAM 'Very Good' rating.





Intelligent

Reliable

Innovative

Design

Solutions

