

PROFILE

Tony has over 13 years in designing mechanical and electrical services on various schemes from planning through to completion and 20 years as a site based project manager/clerk of works.

A committed individual with experience in various projects from new builds, refurbishment projects, offices, data centres, hospitals and schools.

CAREER SUMMARY

Tony started his career with a medium size Contractor working on the tools of the trade for years, before opting to change direction moving off the tools to Site Inspections and Quality Control. Within the same organisation Tony's keen interest in quality rather than contracting led him to progress within the Consultancy division, soon rising through the ranks to Senior Engineer status.

In August of 1997 Tony joined Silcock Dawson and worked from our Stockport Office, moving on to become a Clerk of Works; now Tony is based at our Head Office acting as Senior Site Project Engineer.

Tony's preference for site related activities rather than office based design led him to the role where he manages the contractors' installations on site to ensure compliance with our designs.

Tony has developed an extensive knowledge of all aspects of mechanical and electrical services design and the associated standards of installation required. He is also familiar with all the latest CIBSE Codes for Commissioning.

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PROJECT EXPERIENCE

Healthcare

Luton & Dunstable Hospital – Domestic Water Services Replacement

Tony was the site based mechanical and electrical co-ordinator for a variety of projects undertaken for Luton & Dunstable Hospital including the £1m site-wide renewal of domestic hot water services installations.

The project involved installing plate heat exchangers in lieu of steam calorifiers and replacing the entire hot water services distribution system, which was a complex task since most of the pre-existing distribution routes were inaccessible.

Luton & Dunstable Hospital – Pathology Unit

Tony was the Site Project Engineer for the design of mechanical and electrical services for this refurbishment of an existing pathology unit for Luton & Dunstable Hospital.

Homerton Hospital, London

Tony undertook the role of Site Project Engineer for this new extension to an existing Medical Centre, including a 150-seat lecture theatre, offices and cafeteria, completed mid 2006 as an extension to the Hospital's existing Medical Education Centre.

The auditorium in the lecture theatre is cooled by a displacement ventilation system discharging conditioned air at low velocity and at a slightly lower temperature than room temperature. This system, incorporating total heat recovery by thermal wheel, is so energy efficient that the central cooling plant will only occasionally be called upon to operate.

Retail

Dixons Stores Group Term Contract, in England, Ireland & Scotland

Tony provided Building service related technical support to DSGI PLC over a range of projects. This service includes initial work and advice on new sites, technical advice on refits and building services upgrades and replacements. Tony also provide support and assistance to the project team on matters pertaining to building services, including budgets and cost control through to design and production of tender information.

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Greene King

Tony provides a Building Service related technical support to Greene King over a range of projects. This service includes initial work and advice on new sites, technical advice on refits and building services upgrades and replacements. We also provide support and assistance to the project team on matters pertaining to building services, including budgets and cost control through to design and production of tender information.

Dixons Stores Group International

Tonys undertaken the role of Public Health Engineer in connection with the Dixons Store Development Programme on which Silcock Dawson & Partners are retained and actively involved in the services design for the Curry's, Dixon's and PC World chains.

Sport & Leisure

Rank Casinos - Thanet, Aberdeen, Luton, Victoria, Dundee

Tony is responsible for the Mechanical Design of these highly serviced Casinos, catering for up to a thousand customers.

Mechanical services included; full air conditioning, ventilation systems, VRV systems, Hot and cold water supplies for commercial kitchens and welfare facilities. Tonys responsibilities also included negotiating and co-ordinating all incoming utilities.

Rank Bingo - Thanet Mecca Bingo, Beeston Mecca Bingo

Tony has responsibility for the Mechanical Design of these Mecca Bingo Clubs, catering for up to a thousand customers.

Mechanical services included; full air conditioning, ventilation systems, VRV systems, Hot and cold water supplies for commercial kitchens and welfare facilities. Tony's responsibilities also included negotiating and co-ordinating all incoming utilities.

COMMERCIAL

1-7 Howick Place

Tony was responsible for the M&E quality checks of the whole installation and signing off of all test and commissioning results along with inspecting all O&M manuals.

All of this was after carrying out witnessing of the whole Mechanical installation, and checking the correct operation of all plant and equipment. Demolition of existing retail and office accommodation building and construction of commercial, retail and residential spaces

near Victoria Station. The new Commercial office will comprise of 12,000m² over 10 floors requiring 1.6 MW of Cooling and 15m³ of Fresh Air. The project also incorporates retail, affordable housing and private apartments.

Metrobank (Hounslow, High Wycombe, Uxbridge, Chiswick, Reading)

Tony worked as an M&E Engineer on various Metro Bank projects, carrying out quality checks for the whole installation, also attending site meetings, liaising with the client, various contractors and feeding back to the project engineer.

De Montford

Tony was responsible for the M&E quality checks of the whole installation

Fusion 2,

Tony was responsible for the M&E quality checks of the whole installation

Gate Gourmet, Manchester, Heathrow North

Tony was responsible for the M&E quality checks of the whole installation

River House

Tony undertook the role of Site Project Manager for this existing 3.5 million M&E installation. He was responsible for the M&E quality checks of the whole installation and ensuring that the installation was put back to working correctly, against the existing M&E commissioning figures submitted.

Along with checking and revising the existing "as built" drawings on completion of the works. This role included the signing off of work sheets to rectify all of the defects he found from his SDP investigation into why the building environment was not operating correctly.

Education

Essex Schools (De La Salle, Shorefields and James Hornsby)

De La Salle School in Basildon provides a new build teaching, dining and learning resource centre as a new look building to provide a new focus for the School, together with the refurbishment of teaching and learning areas, administration and sports changing facilities.

Shorefields SEN School in Clacton provides new teaching accommodation blocks together with School remodelling to provide improved teaching and circulation spaces and the refurbishment of first floor administration.

James Hornsby School in Basildon, whilst being recently refurbished, is being provided with a new state of the art ICT installation throughout and a refurbishment of the student forum area.

De Montfort University

Silcock Dawson & Partners have been appointed to undertake the Mechanical, Electrical and Public Health design on a new Leisure Centre to be constructed on the edge of De Montfort University's Leicester City Campus.

The new two-storey building, which will be open to the public, will include a 25 metre 6-lane Swimming Pool, an 8 court Sports Hall, a Fitness Suite, Multi-Purpose Studios, Climbing Wall, and Café.

The building will incorporate the latest sustainability and energy efficient design solutions, achieving an 'excellent' rating under the BREEAM assessment.

Wood End Junior School, Ealing

New development consisting of a single story building to be constructed adjacent to the existing junior school for Ealing Borough Council. The new teaching block will incorporate 4 new classrooms, a multi purpose room for P.E. and music, a library and associated ancillary spaces, and will have a gross internal floor area of approximately 700m², providing facilities for an additional 120 pupils.

Surrey Street Primary School, Luton

A new Primary School, Learning Support Centre and Football Academy are being proposed as part of the redevelopment of the former site of Barnfield South Academy based at Cutenhoe Road. The first phase of this project comprises of a self-contained 630-place Primary School making use of three existing accommodation blocks, formerly an Academy facility, located to the south of the site.

Residential

Tony completed the on-site Mechanical & Electrical Services Project Management, Snagging, Defects, Inspections and Commissioning Witnessing at the following sites:-

St James, Grosvenor Waterside

Silcock Dawson & Partners were commissioned to carry out the full design for the mechanical, electrical and public health services. The scheme comprises 164 apartments (Chadwick House) and 159 apartments (Caro Point). The development will have its own gym, spa, juice bar, business centre, concierge and security service and underground car

parking. The apartments are to a very high specification, including under floor heating and full cooling/ventilation system.

Highcross, Leicester

Silcock Dawson & Partner's brief was to develop the Mechanical, Electrical and Public health services for the residential fit out of 144 apartments over 5 blocks surrounding The Shires Shopping Centre in central Leicester, maximising energy efficiency and utilising 'value engineering'.

Redrow Homes - Knightstone Island

New build and refurbishment of existing Edwardian listed buildings, which created 87 new Luxury Seafront Apartments in an exclusive development; this includes car parking, seafront and causeway lighting and two commercial spaces for restaurants.

Redrow Homes - Jupiter Phase III, Birmingham

The project consists of 5 blocks each comprising a mix of affordable studio units, 1 and 2 bed private residential apartments totalling 247 units for Redrow Homes West Midlands. A commercial unit and basement car parking is also included in the project.

Woodberry Down, Hackney

Regeneration Project of over 4,600 new homes created on a 26 hectare development area. The scheme has been awarded National Demonstration status for the Development of Mixed Sustainable Communities by the CLG Department of Central Government.

Woodberry Down, Phase 2

The project involves the design of the building services within the block housing 180 units from townhouses, maisonettes and apartments. The block will include the energy centre and sub-station which will provide the energy for the remaining five blocks in this development. This project is a phase of a major regeneration project which when completed will provide over 4,500 new homes.

Woodberry Down, Hackney KSS3

This project consist of 3 blocks ranging from 10 storey to a 30 storey block. The project has a totalling of 450 apartments including basement car park and a health centre. As part of this scheme there will be a centralised plant serving all the three blocks.