BSE | 3D



Curriculum vitae

Name Philip Todd, Managing Director, BEng (Hons), CEng, MCIBSE, MIET, BREEAM AP, LCC, ESOS

Mr Todd is a chartered building services engineer and designer with over 30 years' experience. Mr Todd is the Managing Director of BSE3D Consulting Engineers and has worked on many large award-winning complex buildings both in the UK and internationally. Mr Todd started his career working on the Surrey County Council upgrade contracts in the early 90s specifically improving the energy efficiency of schools and colleges. Mr Todd has since carried out pioneering work developing ground cooling systems and natural ventilation systems that improve the thermal comfort conditions in the classrooms and reduce energy consumption. Initially trained as a mechanical engineer Mr Todd gained practical site experience on the British Airways World Cargo Centre at Heathrow being one of the largest fully automated cargo facilities in Europe. He also supported project teams designing the luxury Burg al Arab high rise hotel in Dubai, and Ford evaporative testing laboratories in the UK. As a board director for an international consultancy, Mr Todd operated in the role of Project Manager / Designer on a variety of projects including speculative offices, corporate headquarters, hospitals, laboratories, dealing facilities, data centres and switch sites and excelled in hotel and leisure work. His experience includes both new construction and refurbishment work. Mr Todd is particularly experienced in boutique hotels and restaurants for private clients and working with Clients, Architects and the design team to produce designs that assist greatly in the planning, budgeting and final implementation of projects. In recent years Mr Todd, as a project director has been responsible for managing a team on large complex and award winning projects including the Shell Centre Headquarters building at Waterloo, Large Data Centres for Blue Chip Clients, Banking Headquarters at Moorgate, London Savoy Hotel refurbishment and an extensive portfolio of offices and retail facilities.

For the last 15 years Mr Todd has acted as an expert witness for various clients and supported and guided clients to resolve complex M&E issues through arbitration. Mr Todd has attended the Advanced Professional Award in Expert Witness Evidence (APAEWE) accredited at a master's degree level. Mr Todd is the past Chairman of the CIBSE Southeast region and former Trustee for a local Academy. Mr Todd is the chairman of a STEM group as an accredited STEM Ambassador and a long term member on the CIBSE Council and active supporter to the industry.