

Mark Drane RIBA, FRSA

Overview

Mark is an experienced leader who believes in bringing together great team ethos and evidence informed approaches to address big problems. Mark is experienced in working with teams to develop a clear strategic vision and build investible propositions around that goal. He has worked extensively with health, education, and scientific research organisations.

He is experienced in working in environments with a multiplicity of stakeholders to achieve consensus and a shared common goal.

Mark has particular expertise where there is a physical environment or infrastructure component to a challenge. Trained as an architect and having led major infrastructure project teams Mark has a firm grip on how such investments are driven. However, he will be the first person questioning whether a change in behaviour, digital strategy, model of care, or service strategy is as important as, say, a building.

Since participating on an expert sounding panel in the 'Clever Classrooms' study led by Salford University and with experience of 'designing in health' to communities, Mark has been increasingly focussed on the need to reunite research and practice – particularly the need to reunite physical environment and public health.

Representative Project Experience

Strategy Consultancy

Healthy New Towns (Phase I); Programme Advisor, England – NHS England – the programme assesses how to 'design in health' across ten residential developments across England encompassing about 70,000 new homes and a population of 200,000 people. Support was tailored to each site in the areas of: design advice, construction consultancy, behaviour change, digital smart cities, design for dementia, town planning, and active travel. The team included work with an academic partner at UWE Bristol. Role: IBI Project Team.

Wellbeing Visioning - Confidential Higher Education Client, UK: a visioning workshop for a major UK university looking to make a large capital investment focussed around health and wellbeing in a deprived area of the city within which the University is based. As part of IBI Group's team Mark led a visioning workshop for the senior management of the University to investigate the vision for this investment, who the relevant stakeholders and potential partners were, and how this investment could create value for the wider community. Role: Project Director & Workshop Facilitator

Birmingham Women's Hospital; VITA Project, UK – Outline Business Case (OBC) for a whole service transformation to redevelop the existing site to create a national centre of excellence. Facilities include maternity, gynaecology ambulatory, and neonatal all comprising 100% single bedrooms. These facilities will ensure mothers and babies receive the optimal privacy and dignity during their stay. The design adopts a LEAN approach to provide the most supportive, patient-focused physical environment possible and took into account modelling for both capital and revenue considering potential additional revenue streams for the Trust. Role: Project Director. £48m

Experience

WHO Collaborating Centre for Healthy Urban Environments, UWE Bristol
2016-Present, Doctoral Researcher

2009–2018
IBI Group (UK) Ltd
Studio Principal, Science & Higher Education Practice Lead

2004–2008
Dane Ashworth Cottam, Manchester, UK,
Architect, Associate Director

2001–2003
Parsons Brinckerhoff, Architectural Assistant

1999–2000
Parsons Brinckerhoff Constructors, Projects Engineer

1998
AC Rajan & Associates, Chennai,
Architectural Assistant

Education

PhD Thesis: Why do streets make people sick? University of the West of England, 2018 – Present (Completion 2021)

Advanced Diploma in Professional Practice - RIBA North-West - Passed with Distinction, 2003 - RIBA Hadyn Smith Award

Degree of Bachelor of Architecture - Manchester School of Architecture (a joint school of Manchester University and Manchester Metropolitan University) - Passed with Distinction, 2001

Degree of Master of Arts in Architectural Design The University of Edinburgh - Class 2:1 Honours, 1999

Memberships

ARB Registered 068153i

RIBA Chartered 9782450

RIAS Chartered 9005

FRSA

Key Skills

Managing interdisciplinary teams

Managing large budgets

Successfully leading bids through public procurement including for interdisciplinary teams

Authoritative and knowledgeable team member

Collaborative working techniques

On quality, time and budget delivery

Cross sector experience

Bespoke client solutions

Coordinated and developed design concepts

Research

Why do streets make people sick? Doctoral research project. Research project designed to question how the design quality of residential streetscapes can be quantitatively measured for factors that have an impact on chronic diseases. Initial phases include a systematic review of evidence of healthy street design. Ongoing, part time, started 2016. Role: Doctoral Researcher

Holistic Evidence and Design (HEAD), UK – Salford University: Sounding Panel participant alongside leading international academics and practitioners to inform the findings of the Phase 2 study prior to publication. The HEAD Project (Holistic Evidence and Design) is a research study of the impacts of the built environment dimension of UK Primary schools (4-11 yrs) on the learning rates of pupils.

The project was funded by the UK Engineering and Physical Sciences Research Council. The work was prosecuted by a multidisciplinary research team, with the support of an international Sounding Panel of experts. Role: Sounding Panel Expert Member

Learning Environment Assessment Tool (LEAT), UK: working with a School Improvement Group (SIG). Mark led a team from IBI to take the findings from the previous Salford University HEAD Study and test whether the key factors could be presented in a survey and design tool for designers to inform the design process. Role: Project Director

Science & Higher Education Sector

Aberystwyth Innovation and Enterprise Campus (AIEC), Aberystwyth University, Wales, UK - Major infrastructure development and expansion of Aberystwyth University's Gogerddan site, which will provide 4,000-5,000 m² of world class research and innovation facilities in the fields of sustainable food, bio-technology, health and energy security. A scientific and commercial facility, it will be designed to stimulate entrepreneurial spirit, industry relationships and help initiate start-up companies. Role: Project Director. £25m.

University of Oxford; Oxford Centre for Human Brain Activity (OHBA), UK - Extension to existing MEG research centre to include for collocation of MRI scanning, consulting and office facilities. Role: Project Director. £950K.

Cardiff University; Cardiff University Brain Research Imaging Centre (CUBRIC), Wales - CUBRIC researchers study patients (adults and children) with chronic physical and mental health conditions. The new 6,339m² research and teaching building will be four times larger than existing facilities, meaning all the faculty's staff can be housed together, allowing for increased collaboration and innovation. Includes MRI and MEG scanning facilities, drug trial unit and sleep and psychological testing labs, office and seminar accommodation. Role: Project Director. £24m

Healthcare Sector

Queen Elizabeth University Hospital and Royal Hospital for Children Glasgow, UK – A new 170,000m² 'super hospital' and one of the most advanced medical campuses in Europe. Delivered five weeks ahead of schedule and achieved BREEAM Excellent. £840m

Humphrey Repton House Bristol, UK - Provision of support based on evidence from IBI THINK to the project team developing proposals for this 60-bed dementia specialist care home in Bristol to be collocated with an Extra Care Village. Provides day care from early stages through to end of life care. Role: Employer's Agent, specialist dementia care design.

Northgate Integrated Health & Social Care Centre, and Residential Accommodation, Chester, UK – Integrated Health and Social Care Centre with facilities including 4 GP practices, community facilities; generic treatment, therapy, and diagnostics. Social Care facilities including virtual ward, patch team, social care crisis response, director of public health, and third sector hub. Role: Project Director responsible for project delivery. £23m

Oldham LIFT, Oldham, UK – Oldham LIFT. A network of ten community leisure and health facilities providing a Hub and Spoke model of care. Often the projects formed part of the regeneration of the community, for example Glodwick Health Centre which was in the community where the Oldham Race Riots sparked in the early 2000s. Role: Project Director. £90m