Education

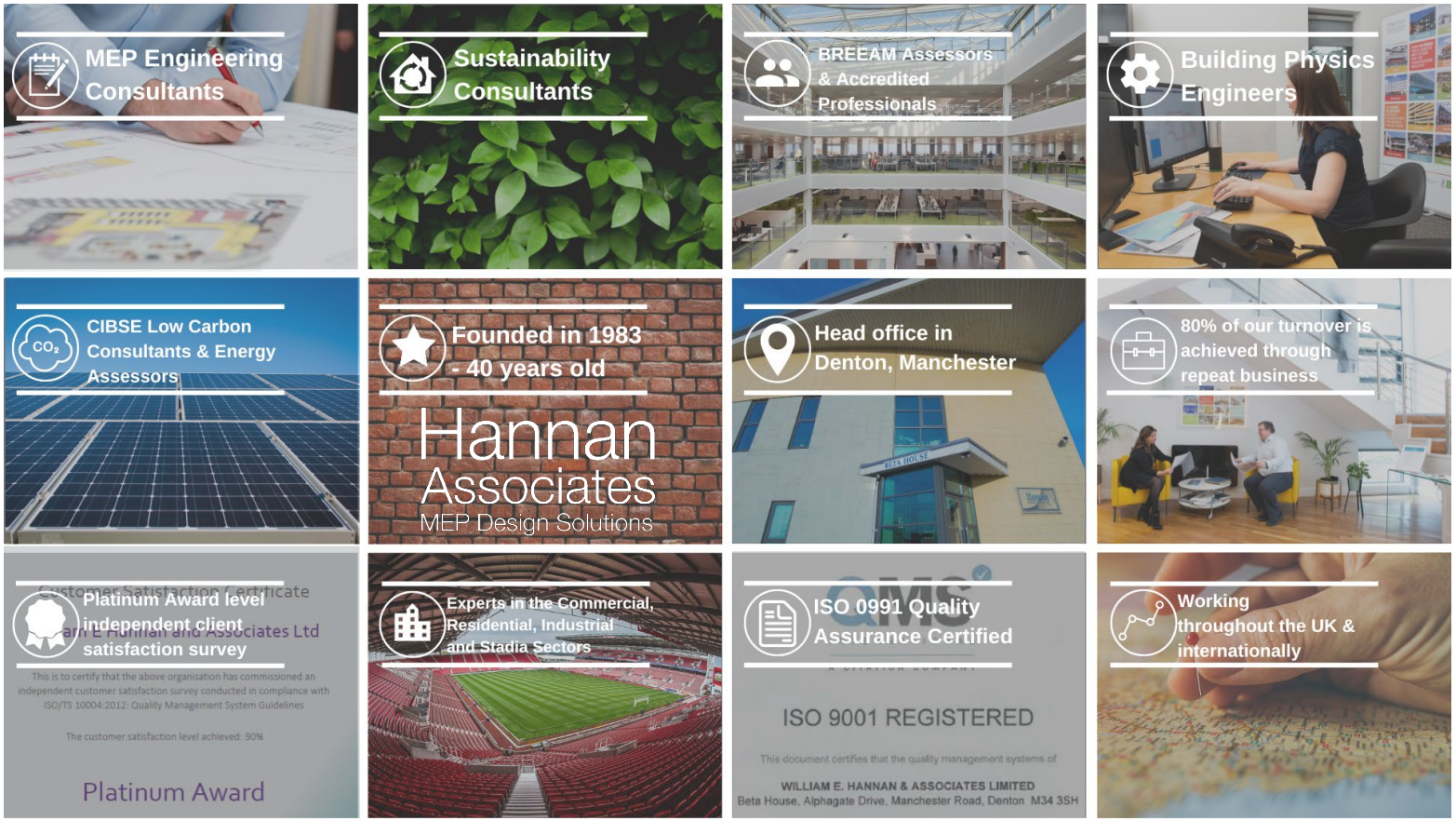
Hannan
Associates
MEP Design Solutions

Introductions…….

Hannan Associates is an engineering consultancy formed in 1983 to provide MEP Design Solutions to the Construction Industry.

We pride ourselves on delivering our service with a higher level of personal attention than larger competitors but providing a comparable strength of management, process discipline, expertise and creativity.

We focus on building services and deliver projects valued in excess of £500m with national and international design teams. We work in a range of sectors with projects of varying sizes, providing us with good market resilience and an exceptional breadth of track record and design competence.



Our Team……

The Hannan team is led by long standing directors Ian Joyce, Jamie Hall and John Walker.

The development of the company has been aided by a strong, long serving work force through which we have developed lasting relationships with our clients, ensuring that 80% of our turnover is achieved through repeat business.

We recognise that we cannot do this without the support and enthusiasm of all our team members and we therefore endeavour to maintain the highest levels of team work and co-operation and develop staff that possess well founded self-belief who will act with diligence and integrity on behalf of our clients.

Many of our engineers have worked together over a long period of time, some for over 25 years, completing many successful projects together. Treating each project as unique we handpick each team to collectively possess the skills and range of experience needed to succeed, whilst creating a dynamic environment that encourages creativity.

We love …

Hannan Associates
MEP Design Solutions

- Openness & honesty
- Long term collaborative relationships
- Getting the job done
- Maintaining high standards
- Encouraging training & development
- Being good listeners to our clients
- Communicating in plain English
- Having a strong team of long standing individuals
- Being supportive & motivational team players
- Bringing good commercial awareness to the project
- Maintaining Director level involvement throughout the project

What we do…..

In essence we provide MEP Design Solutions to the construction industry. We have been doing this since 1983 so we're pretty good at it. Here are some of the ways we can help you…

A
Acoustics
AV Systems

B
Building Health Checks
BREEAM Assessment
BREEAM Accredited Professional
Building Physics

C
Condition Surveys
Construction Inspection and Supervision

D
Design for Performance Modelling
DEC Certification

E
Electrical Building Services Design
Energy Audits
EPC Certification

F
Feasibility Studies
Fire Engineering

I
Infrastructure Planning and Design
Internal Environment Modelling
IT Systems Design

L
LEED Assessment
Low & Zero Carbon Strategy & Design

M
Mechanical Building Services Design

O
Operational Energy Modelling

P
Planned Maintenance
Planning Reports
Public Health Building Services Design

R
Renewable Energy Technology Feasibility

S
SBEM Calculations
Services Engineering Appraisal
Sustainability Strategy

T
Thermal Modelling

V
Vertical Transportation Design

W
Water Conservation & Compliance Audits
WELL Building Consultancy

Sustainability……

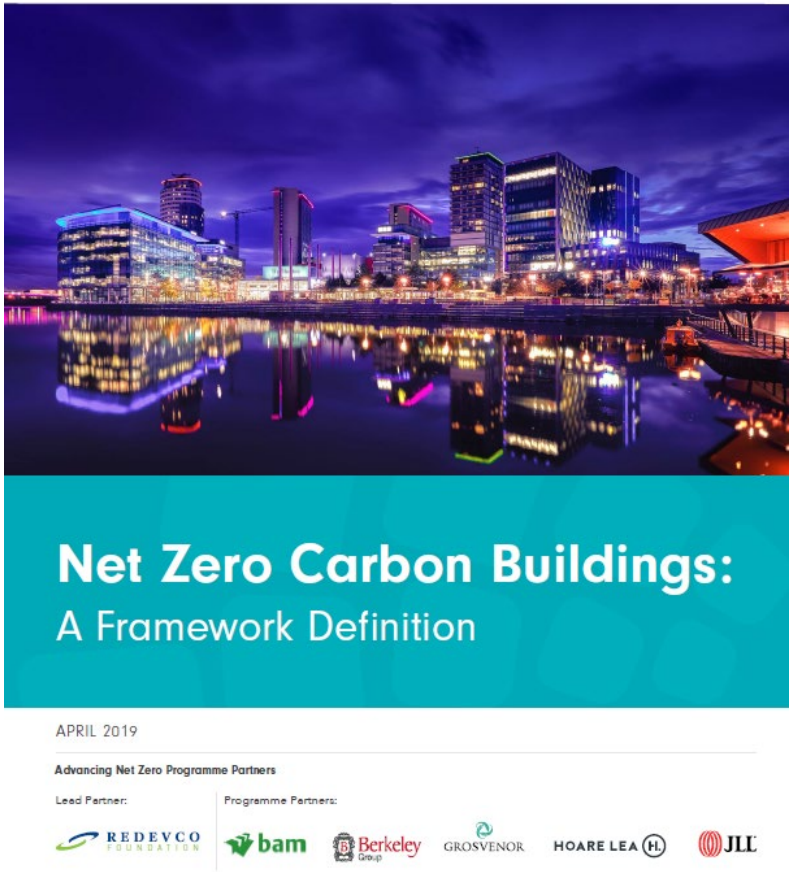
Energy reduction, the core of sustainable design, was inherent in our building design process long before it reached the political agenda. Our sustainable credentials are therefore built upon years of experience at the forefront of low energy, low carbon solutions.

We are now at the forefront of change in relation to the way buildings are modelled to meet the demands of evolving building regulations and guidance from UKGBC and LETI, which are driving carbon targets for construction towards the 2050 net zero government commitments.

Our involvement includes pilot schemes for modelling energy and carbon in use for new buildings, such as Design for Performance (DfP) and NABERS UK and this experience enables a valuable contribution to development masterplan and individual building sustainability.

Hannans can provide sustainability advice across a wide range using in-house engineers and consultants and specialist partners where needed to define ways of achieving sustainability objectives. This includes…..

- ✓ Energy modelling and Carbon assessment of energy for building services
- ✓ Energy and carbon performance evaluation
- ✓ BREEAM assessment and BREEAM AP
- ✓ Carbon in construction
- ✓ Well Building Assessment



Our clients say…..

Hannan Associates are one of our best consultants. We have an excellent relationship with Hannan Associates who are very good team members. Their input and output are both first class. We would definitely use them again.

I've really enjoyed working with you and your team over the last 10 years. The fact that during all of my time here we have continued to work with Hannans on an increasing basis is testament to the relationship and trust that has been built. I'm sure you will continue to go from strength to strength.

Knowledgeable, commercial and capable M&E consultant. They get the job done in line with the demands of the project and are good to work with.

Very professional & client focused.

I think Hannan Associates are a brilliant company to work with. They have never let me down.

They have a no nonsense approach. Always happy to help.

I recommend them all the time. I have been using them for a some time now and never been let down.

Hannan Associates play an important role within the team, integrating well and always listening to their design team colleagues to ensure the desired client outcome is achieved.

Our experience …..

Helping to take education to the next level.

The best learning environments invigorate and engage, whilst improving an institutions reputation. We understand that purpose, performance and future use, are important aspects in the consideration of educational design.

Taking into account the constant change in technological advances, as well as the individual needs each space requires, we aim to create inspiring workspaces for students and faculty alike.

BRUNEL UNIVERSITY FRAMEWORK, LONDON

Client: Brunel University
Architect: Various
Project Value: £100M+
Project Duration: December 2002 – January 2009

Brunel University London

This £100m framework master plan included the appraisal, upgrading and enhancement of the campus utilities, security and IT infrastructure, to improve reliability and enable the new development on the site, as well as the formation of a statement gateway to access the site. The project included the evaluation of a range of sustainability measures; including biomass fuelled heating, micro CHP and Solar heating, and the replacement of the campus central heating system which provides heat to all buildings on the campus.

A new indoor 130m running track with support conditioning/science facilities and a new netball hall was created. Hannans designed the M&E Services so that both buildings were naturally ventilated. We also created building models to maximise the use of natural daylight in the buildings. Alongside the new indoor athletics centre development, the existing sports centre was refurbished and upgraded for student and community use.

Existing laboratory and workshops were converted to IT workshops and support areas, together with the alteration and refurbishment of the Engineering Complex to provide a range of facilities for departments being relocated from another campus. These included laboratory facilities, engineering workshops, display spaces, IT workshop and storage facilities.

Other works included the installation of an 80kw combined heat and power unit for experimental purposes, scenic passenger lifts, audio visual facilities, interactive study space, and the refurbishment of the front of house areas incorporating internet café at the central lecture hall.

ONE TAMESIDE, ASHTON-UNDER-LYNE

Client: Tameside Council and Robertson
Architect: Ryder
Project Value: £48 M
Contract Duration: November 2014 – May 2019

Tameside Metropolitan Borough

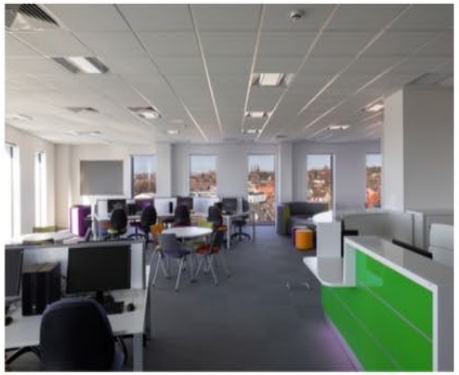
We are very pleased to have been a part of the team who delivered Phase 2 of the 'Vision Tameside' master plan set to transform Ashton Town Centre. We have been undertaking the detailed design of the MEP Services and Infrastructure, as part of which we are assisting the Council with their environmental services strategy to help them meet their aspirations to create a sustainable building.

The Tameside One development includes a new Advanced Skills Centre for Tameside College alongside a new Joint Service Centre for the Council and others partners.

The 7,000sqm Advanced Skills Centre provides a new learning and skills centre for students studying vocational subjects including: hair and beauty, hospitality and catering, bakery and confectionery, travel and tourism and business skills.

The 6,000sqm Joint Service Centre incorporates a library, customer service centre, committee and training rooms and office accommodation for the Council and partners.

This phase of the development also includes a 2,150sq.m retail space for a Wilko’s store.



HEINZ WOLFF BUILDING, LONDON

Client: Brunel University
Architect: Sheppard Robson
Project Value: £5.5 M
Contract Duration: 2008 – 2010

This scheme consisted of the part refurbishment of the two storey Heinz Wolff Science Building at the Uxbridge Campus of Brunel University to provide new heating, ventilation and laboratory services whilst the building remained part occupied by PHD research students.

Study spaces and research laboratories were brought up to modern standards to provide new fume cupboards, high quality lighting and IT/Data services throughout.

WHITEKNIGHTS CAMPUS, READING

Client: University of Reading
Architect: ACR
Project Value: £800,000
Contract Duration: 2008 – 2009

The University of Reading enlisted our help with de-commissioning part of a 1960's built research faculty at their Whiteknights campus.

As well as designing the refurbishment of the basement, ground and first floors, duties also included a survey of the existing structure which brought about the recognition of high levels of asbestos.

All works were carried out whilst retaining the existing services and infrastructure to the Bio-science lab, science museum, refectory, lower floors, roof area and all fire escapes.

HARTFORD ART STUDIOS, CHESHIRE

Client: Mid-Cheshire College
Architect: Studio Plan
Project Value: £2.5 M – Approximately
Contract Duration: April 2005 – August 2008

The project incorporated the construction of a new build 2 storey Art Block within the existing college campus. Developed as a bespoke art studio complex, this 21st century learning environment consolidates specialist art provision within the Hartford Campus.

Offering a mix of specialised spaces which include ceramic workshop space, graphics and general art space, the development has resulted in a step change in perceptions for the college. For Hannans the work package included the complete design and installation of new systems within the building, and involved providing a performance duties service.

ST EBBS STREET STUDENT ACCOMODATION, OXFORD

Client: Pan Albion LLP
Project Value: £2M
Contract Duration: October 2010 – April 2013

Bellerbys College St Ebbes Street student accommodation is located in Oxford City Centre. The project comprised of the design and installation of fifty new student bedrooms, showers, kitchens and a laundry for overseas and visiting GCSE students.

The building was a multi-storey existing modern construction with restaurant and night club at ground floor and basement level. Part of the project included the construction of an extra storey at roof level and the installation of new plant rooms and services to the new student accommodation and the existing restaurant and nightclub.

WEST CHESHIRE COLLEGE, ELLESMERE PORT

Client: West Cheshire College
Architect: Bond Bryan Architects
Project Value: Approximately £6.0M.
Contract Duration: March 2003 – December 2004

WEST CHESHIRE COLLEGE

Our duties involved the construction of a new nursery block, the refurbishment and expansion of an existing arts block, demolition of existing teaching buildings, construction of a new teaching building, and renewal of the site utilities infrastructure.

The project was centred on a fixed budget and space requirement, with very tight deadlines that has to adhere to secure funding. Speed of response by the team as a whole and value engineering were a very important aspect of the project. Natural ventilation with minimum mechanical assistance where necessary was a major feature of the design.

MESIVTA HIGH SCHOOL, PRESTWICH

Client: Manchester Mesivta High School
Architect: Bernard Joseph Associates
Project Value: £4.5 M
Contract Duration: July 2003 – December 2005

This project involved the construction of a new build 3 storey Boys Secondary School and 6th form block.

Acting as Principle Services Designers, our work included providing the design of all new mechanical, electrical, public health and lift systems within the new building.

These systems included mains distribution, lighting, general power, fire and security systems, communications, heating, ventilation and comfort cooling.

NOTTING HILL & EALING SCHOOL, LONDON

Client: Girls Day School Trust
Architect: Ellis Williams Architects
Project Value: £11 M
Contract Duration: 2008 – 2010

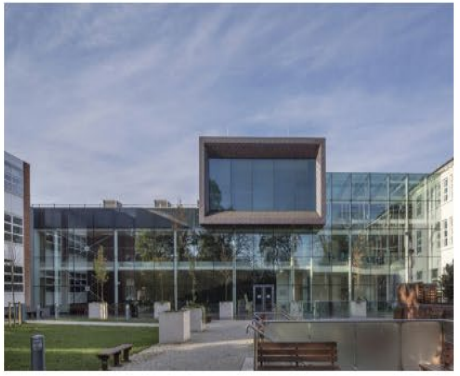
Notting Hill & Ealing High School GDST

This venture was a complex new build and remodeling project all set within a live school environment.

Works consisted of the demolition of the existing gymnasium and assembly hall located at the heart of the school, and the construction of a new six storey extension. The new west wing includes an underground sports hall built to Sport England standards, a large double height multi-functional hall, a 100-seat theatre complete with state of the art lighting and sound, and a second floor dance studio that is one of the feature architectural elements.

Remodelling and refurbishment works are also being carried out to improve the existing main entrance building at ground floor level with the reconfiguration of the existing entrance, reception, library and portrait room to form a clear, welcoming, light and open route leading seamlessly to the feature three storey high foyer space of the new extension.

Notting Hill and Ealing High School was 'Highly Commended' in acknowledgement and recognition of the positive, and beneficial contribution to the amenity of the London Borough of Ealing, in the 2014 Ealing Civic Society Awards.



STRATFORD-UPON-AVON HIGH SCHOOL

Client: Ballast Construction
Architect: Corstorphine & Wright Ltd
Project Value: £14 M
Contract Duration: December 2000 – January 2003

The project involved the construction of a ground, first and second floor school, separate sports hall, external all weather pitch, a caretaker's house and car parking facilities.

There were existing school buildings, which were demolished upon the completion of the new school complex. The building was designed in a way that would ensure the end result was environmentally friendly, energy conserving and maintenance minimising.

ST MARY'S COLLEGE, BLACKBURN

Client: AA Projects & St Mary's College
Project Value: £1 M
Contract Duration: October 2003 – March 2005

This development involves the erection of a two storey build which will provide modern and well needed teaching and student accommodation.

This building became the new Social Science block for the college, and was designed to meet the requirements of an ever increasing student population and an important collaboration with Liverpool Hope University.

BSF MBC PROJECTS, HALTON & WARRINGTON

Client: Currie and Brown Group
Architect: Various
Project Value: £350 M
Project Duration: August 2009 – July 2010

Currie & Brown

The Building Schools for the Future (BSF) program was a scheme to see every state secondary school in England rebuilt or remodeled. Launched by the Department for Education & Skills in February 2004, BSF was the largest and most ambitious scheme of its kind anywhere in the world.

The redevelopment of the sites were designed to accord with saved policies of the Halton Unitary development Plan. The proposed schools were to be of a high quality in keeping with the surroundings and providing modern facilities, to enable sufficient standards for provision of educational accommodation. New BSF schools needed to be completely relevant to the immediate requirements for the delivery of the curriculum, but also be sufficiently flexible internally to respond to future changes in methods of education delivery.

Hannan associates provided a client side role assessing the bidders M&E Services designs. The program included 17 schools throughout the Halton and Warrington area.

CENTRE OF EXCELLENCE, BRADFORD

Client: The Lighthouse Group
Architect: JS Design Partnership
Project Value: £3.2M
Project Duration: November 2006 – June 2008

LIGHTHOUSE GROUP
FINANCIAL SOLUTIONS

Hope Park Business Centre is the headquarters of award winning Social Enterprise and registered charity The Lighthouse Group. As part of their vision to transform the lives of young people, a new four storey Centre of excellence was built in Bradford. The building includes a sports hall, gymnasium, teaching spaces, offices, sub-let offices, an onsite cafe, and apartments that were all fully fitted out.

The innovative scheme takes the income generated by the rental spaces, and uses it to develop and provide alternative teaching programmes to children who have been excluded from school, or who are at a crisis point in their education.

Part of the design was to have a low carbon footprint which is achieved by providing renewable energy to the development, by wind turbines and solar panel hot water systems.

It won Corporate Social Responsibility Project of the Year at the 2010 Charity Times Awards, due to being “A unique partnership based on real sustainability and benefits”.

UNINEST, DUBAI

Client: Global Student Accommodation
Architect: Stride Treglown Architects
Contract Duration: June 2014 – December 2015

As part of the Spectrum MEP Consortium and our Dubai partner office our engineers have undertaken the LEED assessment, detailed design and tender drawings for Stride Treglown Architects and their client Global Student Accommodation Group for this student accommodation development in Dubai.

We have also been engaged to undertake post contract site supervision duties.
Local approval has been received to develop a 424 bed scheme in Dubai, located within the Dubai Land Residences Complex.

This development will represent GSA's and Stride Treglown's first student living scheme in the Emirates.

The building, called Uninest Dubai Land, is 10 storeys high and includes two basement levels providing car parking facilities.
Communal facilities include a swimming pool, quiet rooms, study areas, a coffee shop and two roof terraces.

KHALSA SCIENCE ACADEMY, LEEDS

Client: Khalsa Science Academy & EFA
Architect: JM Architects
Project Value: £22 M
Contract Duration: November 2015 – ongoing

This project involved the adaption of an existing vacant education facility (a 1950s predominantly single storey accommodation) to create a new two form entry, 420 place primary school for children from foundation stage to key stage 2. The works include demolition of obsolete areas and major refurbishment of existing premises and a part new build two storey extension to increase the size of the premises to accommodate 420 pupils plus staff (2,072m2 GIFA), plus associated external works to the car park, landscaping, playground and sports field.

The works are intended to include but not limited to new roof coverings, masonry repairs, structural alteration, new glazing/curtain walling, replacement of M&E, new internal partitions, new joinery, new finishes, and a new build extension.

The premises are expected to be used outside of normal school hours for a wide range of community uses and consideration should be given to the provision of flexible spaces for a variety of uses and access arrangements outside of school hours to limit community access to specific parts of the school only.

Contact Us

Head Office - Manchester

Beta House
Alphagate Drive
Manchester Road
Denton
Manchester
M34 3SH

Tel: +44(0)161 337 2200
Web: www.hannan-uk.com
Twitter: @HannanAssociate

Vicky Priestley
Business Development
& Marketing Manager

Tel: +44(0)161 337 2200
E-mail: vicky.priestley@hannan-uk.com

Charlotte Stansfield
Marketing Assistant

Tel: +44(0)161 337 2200
E-mail: charlotte.stansfield@hannan-uk.com

Hannan Associates

MEP Design Solutions

Mechanical | Electrical | Public Health