



General Brochure

2017

Hannan
Associates
MEP Design Solutions

Our vision is to be widely recognised for excellence in the formation and implementation of **MEP Design**.

We believe in developing **personal connections** with all our clients by understanding their own individual needs, and using our engineering skills and **commercial awareness** to deliver genuine benefits.

We continue to ask ourselves **how can we make a difference** and endeavour to deliver buildings in a cost effective, and environmentally sensitive manner. **We strive to create a sustainable future.**

About Us

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

We focus on building services and have the capability to manage 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.

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.



What do we do?

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

A

Acoustics
AV Systems

B

Building Health Checks
BREEAM Assessment
Building Physics

C

Condition Surveys
Construction Inspection and Supervision

D

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

M

Mechanical Building Services Design

P

Planned Maintenance
Planning Reports
Public Health Building Services Design

S

SBEM Calculations
Services Engineering Appraisal
Sustainable, Renewable and Low Carbon Design

T

Thermal Modelling

V

Vertical Transportation Design

W

Water Conservation & Compliance Audits

BREEAM + Sustainable Design

Our engineers and technicians possess a unique, intimate understanding and knowledge of energy use in buildings and they have been responsible for the design of numerous BREEAM EXCELLENT schemes. We draw upon extensive experience of sustainable and low energy schemes having completed many examples.

We have a full range of modelling and simulation tools at our disposal to ensure the optimum solution for each situation and our expertise encompasses the selection and incorporation of renewable energy sources to offset energy demand and our projects have included a variety of renewable technologies.

Our sustainable Design team is led by registered Low Carbon Consultants & Low Carbon Energy Assessors under the CIBSE qualification scheme and qualified BREEAM Assessors and Accredited Professionals. Hannan Associates have a proven track record in undertaking BREEAM assessments for a diverse mix of building types. We are proficient in the techniques and processes required to design and achieve BREEAM certification to the highest standards. Our assessments to date encompass every major sector including industrial, healthcare and education and have been commissioned at the request of major contractors and developers.

Our BREEAM Assessors have years of experience in the field of sustainability and have devised a suite of bespoke documents tailored to streamline the assessment process and provide a highly efficient service. We provide a comprehensive BREEAM assessment service from cradle to grave.

BIM

Hannan Associates have adopted a highly collaborative and sharing approach to project design co-ordination for a number of years with the goal of achieving well integrated high performance buildings. We have in house 3D drawing and thermal modelling capabilities and extensive experience in the use of 3D on our projects, including many complex buildings.

All of our projects are thermally modelled in 3D and we have vast experience in collaboration with multi-disciplinary design teams to develop buildings which achieve high performance, through enhancing building design via detailed iteration. These schemes include ground breaking BREEAM outstanding and A+ EPC rated buildings.

For design co-ordination, drawing production and clash detection we use Autodesk Architecture, Engineering & Construction (AEC) Collection which contains:

- Revit
- Navis Works Manage
- 3D Max
- AutoCAD MEP
- AutoCAD Plant 3D

We are committed to undertaking ongoing investment in our ICT systems and providing the relevant training and development for staff in order that we continue deploying BIM strategies across our projects and develop new and effective methods of achieving our goals

Our Team

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 employees 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. The company is led by our directors Ian Joyce, John Walker, and Jamie Hall.



Ian has 35 years' experience of Design and development of a wide range of new and refurbished buildings from conception, through to completion including management of maintenance. During his career he has gained vast experience as project director for many large and prestigious projects and development of M&E schemes from concept through to completion, many of which include low energy technologies.



John has 30 years' experience in building services consultancy with 12 years at director level. He is a Chartered Engineer and Chartered Director. He has strong project and management experience with an unblemished record of project success, client satisfaction and financial return.



Jamie has over 25 years' experience of Building Services Design. During his career he has been involved with a diverse range of projects including several town centre regeneration schemes. Jamie has in depth knowledge of projects featuring complex infrastructure appraisal, strategy and procurement. He is also a registered CIBSE Low Carbon Consultant and Energy Assessor.

Our Clients

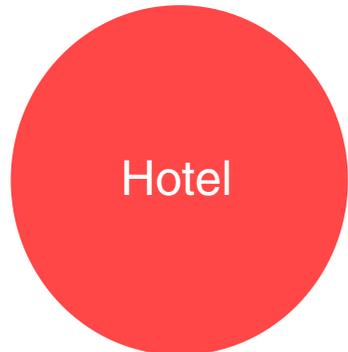
There is no greater feeling than a job well done and achieving client satisfaction and this is what drives us in our approach to business. Our basic business philosophy is to establish a long term working relationship with every client and more than 80% of our business comes from repeat clients. We adopt a proactive approach to understanding each individual client's needs and goals and we then formulate our service delivery in a manner which, we feel will best achieve client satisfaction.

We greatly appreciate each and every one of our clients, the interesting projects they bring to us and the talented design teams they introduce us to. We realise we wouldn't be here without them and their continued loyalty. Here are just a few of the clients we have worked with over the years:



Our Experience

We have experience of most project sectors and have contributed towards many landmark and award winning projects. Our areas of speciality include:



Commercial

A happy office is a productive office.

We invest ourselves into creating innovative workplace design solutions that evolve and develop alongside your changing needs.

These welcoming environments inhabit dynamic, integrated workspaces that have a low carbon imprint, and improve productivity.



Matalan Headquarter Offices, Knowsley



Client:	Maro Developments
Architect:	Fletcher Rae
Project Value:	£22 M
Contract Duration:	January 2012 – December 2014

Our client Maro Developments won Regeneration Partnership of the Year at the 2014 Knowsley Business Awards for this Matalan HQ Project at Knowsley Business Park. Hannan Associates were responsible for the MEP Services Design for the project which reached practical completion in December 2014, with the first staff taking occupation in January 2015.

We were part of the design team which was led by Maro Developments and included Fletcher-Rae Architects, Capita Symonds and Curtins Consulting.

The scheme formed part of the regeneration of the former Petrolite site and the Galaxy Distribution Centre, and incorporates the construction of a new 132,000 sq ft, three floor Head Quarter office building and car park for Matalan. The build also included a 100,000 sq ft extension to the neighbouring 500,000 sq ft Galaxy distribution facility.

The services were designed to accept a proposed CHP cogeneration, which provides electricity and district heating. An absorption chiller in the office building have been used to provide cooling. The office development was designed to achieve a BREEAM 'very good' environmental rating.



The Co-operative Group HQ, Manchester



Client : The Co-operative Group
Architect: 3D Reid
Project Value: £100M
Contract Duration: February 2010 – May 2012

Hannans are pleased to have designed the MEP Services for the new 320,000 sq ft Co-operative Group Headquarters building, as part of the Spectrum MEP Consortium team. Opened by the Queen on 14th November, the new head office at One Angel Square, Manchester is officially the world's greenest office building with a BREEAM score of 95.16% - 'Outstanding.'

The design of the building was driven by the Co-operative Group's desire to create a Carbon Negative building. The sixteen storey office building was designed to achieve a BREEAM Outstanding rating, as well as an EPC 'A' rated near zero carbon building, with cutting edge integrated design. The services design included 3D modelling, together with building modelling and dynamic simulation to calculate and assess the buildings energy consumption and potential EPC and DEC ratings.

The project has won numerous honors including both Design & Innovation, and Overall Project of the Year at the 2013 RICS Awards, BCO 2013 Corporate workplace of the year, Property Week 2012 Sustainability Achievement Award, and a 2013 BREEAM Award.



Arena Central Mixed Development, Birmingham



Client:	Miller Developments
Architect:	Make Architects
Project Value:	£400 M
Contract Duration:	December 2013 – ongoing

We are providing MEP Performance Duties, Site Infrastructure Services & BREEAM Assessment for Arena Central, Birmingham's first speculative office scheme since the recession. It is a 9.2. acre mixed-use site being developed by ACDL, a joint venture between Miller Developments and Pro Vinci Asset Management. Situated within the city centre Enterprise Zone.

Arena Central has been masterplanned to deliver over 1 million sq ft of office-led, mixed use development alongside a unique public realm featuring over 50 per cent soft landscaping, designed by Make Architects.

Our current role includes the feasibility and planning submission for:

- No. 1 Arena Central - a 135,000 sq ft, 8 storey, Grade A office building
- No. 2 Arena Central - a 210,000 sq ft, 10 storey, Grade A office building – HSBC Head office
- No. 3 Arena Central - a 233,000 sq ft, 13 storey, Grade A office building

We are also providing MEP support for the exciting public realm proposals for the development designed by Gillespies and MEP support for the alterations to the existing car parking.



No.2 New Bailey, Salford



Client :	Muse Developments & English Cities Fund
Architect:	Allford Hall Monaghan Morris
Project Value:	£35 M
Contract Duration:	March 2016 – ongoing

The 188,500 sq ft scheme at Two New Bailey Square is the first scheme by the AJ100 architect's practice, Allford Hall Monaghan Morris in Greater Manchester.

The 11-storey building includes office space, underground car parking bays, cafes and restaurants and a public square.

The floors will also have a flexible design so the space can be divided with each boasting a private outdoor terrace.

The project is being backed by English Cities Fund (ECf) – a joint venture between Muse Developments, Legal and General and the Homes and Communities Agency (HCA).

Hannan Associates are providing MEP and BREEAM services to the new office development.

St Pauls Square, Liverpool



Client :	English Cities Fund
Architect:	RHWL Architects
Project Value:	£150 M
Contract Duration:	May 2005 – November 2011

We are very proud to be part of the BCO award winning team that designed Building 4 at St Paul's Square in Liverpool. The building designed by Architects RHWL and Muse Developments won 'Commercial Workplace' at the North of England Awards. The project also won Development of the Year at the the 2011 RICS North West awards.

The development totals 1,650,000 sq ft of mixed-use space, incorporating offices, retail, cafes, restaurants and 285 new homes in the city centre of Liverpool. We provided the enhanced performance specification and monitoring for phases 2 and 3.

No. 5 St Paul's Square is a 133,000 sq ft Grade A office building, which was designed specifically to minimise energy usage, associated carbon production and utilise its own infrastructure to obtain a minimum of 10% of the building's energy requirements, from an onsite renewable source. This was achieved via the use of ground water source heat pumps, which provide the buildings heating and cooling. Overall the building achieved a 32% reduction in Carbon through a combination of passive and renewable measures.

No. 4 St Paul's Square is an 8 storey, 109,000 sq ft, Grade A office building which achieved a BREEAM "EXCELLENT" rating.



Education

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:	£100 M +
Contract Duration:	December 2002 – January 2009

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.

Advanced Skills Centre, Tameside College



Client: Carillion & Tameside Council
Architect: Ryder
Project Value: £36 M
Contract Duration: November 2014 – ongoing

We are currently working with Tameside Metropolitan Borough Council, Carillion, Ryder Architecture and TPS Consult on 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 second phase of the Vision Tameside development creates a new Advanced Skills Centre for Tameside College alongside a new Joint Service Centre for the Council and various partners.

The Advanced Skills Centre will be approximately 7,000sq.m in size and provide the latest learning spaces for the College. The Centre will provide 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 Council's Joint Service Centre will be approximately 6,000sq.m in size and incorporate a library, customer service centre, committee and training rooms and office accommodation for the Council and partners. The second phase of the Vision Tameside development also includes approx 2,150sq.m retail space for a Wilko's store.

Notting Hill & Ealing School, London



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

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

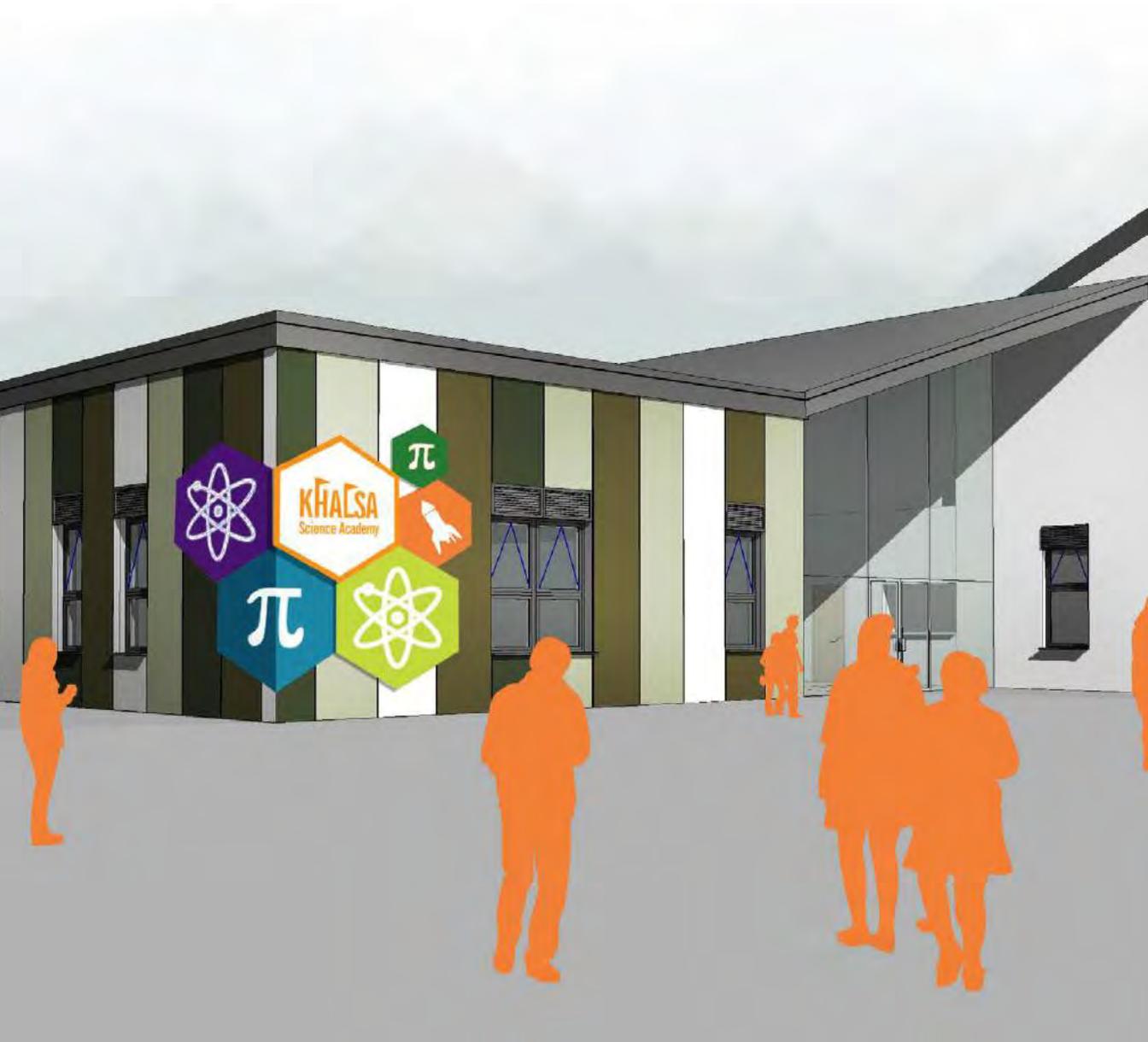
Works consisted of the demolition of the existing gymnasium and assembly hall located at the heart of the school, and the construction of a new six storey extension. The new west wing includes an underground sports hall built to Sport England standards, a large double height multi-functional hall, a 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.



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.

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.

Government

+

Public Sector

People coming together as a community can make things happen.

Public infrastructure and buildings are at the heart of every district. Over the years we have helped develop everything from police headquarters, to airports and everything in between.

Our work has helped projects make the most of public funds, bringing people together through public spaces that create value, and integration at the heart of the community.



Blackpool Council Offices, Talbot Gateway



Client : Muse Developments
Architect: Aedas Architects
Project Value: £17M
Contract Duration: September 2010 – September 2014

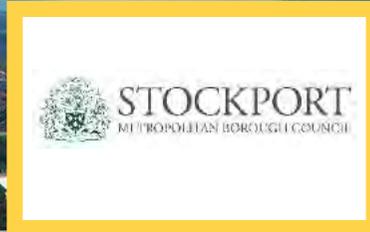
Bickerstaffe House is the new 125,000 ft² HQ Offices built for Blackpool Council as part of the Talbot Gateway Development.

We were employed by Muse Developments to develop the design of the mechanical, electrical & plumbing services including the environmental services strategy to meet their development brief. The building has achieved a BREEAM Excellent rating and an A rated Energy Performance Certificate. We undertook Dynamic Simulation Modelling and worked closely with the design team on the incorporation of passive solar shading via vertical fins on the south-west and south-east elevations, high performance solar & fritted glazing and low air permeability in order to reduce heating and cooling loads whilst maximizing natural daylight.

Our detailed design for the MEP services further supplemented this approach by the use of air source heat pumps to provide space heating and comfort cooling, daylight dimming and occupancy control for lighting installations, roof mounted photovoltaic panels and the re-use of waste heat from the data centre. Water usage was reduced via a rainwater harvesting installation to serve the WCs within the core accommodation.



Stockport Exchange Redevelopment



Client : Muse Developments
Architect: RHWL Architects
Project Value: £60M approximately
Contract Duration: August 2011 - ongoing

We are pleased to be part of Muse Development's team, selected as Stockport's development partner. Stockport Council bought the site earlier this year in order to create a gateway from the train station to the town centre. The development includes a high quality office quarter, an attractive public realm area, a hotel, retail units, ease of access to the town centre, and improved car parking for the station.

For Phase 1 of the development we were involved in the design of a new 1,000 space multi-storey car park.

For Phase 2, which is now complete, we were involved in the design and construction of a 50,000 sq ft office block, 115 bedroom Holiday Inn Express Hotel, new pedestrianised public space outside the train station, and a new reconfigured road layout to improve station access. The aim being to create a new gateway to Stockport town centre.

Our analysis included the consideration of connecting the development to Stockport's proposed heat network. The buildings will achieve BREEAM Excellent.

Cumbria County Council Offices



Client : Cumbria County Council &
Eric Wright Construction

Architect: AHR Architects

Project Value: £10.4 M

Contract Duration: June 2014 - ongoing

This £10.4m office building in Carlisle, is the new headquarter offices for Cumbria County Council, and will form an essential component in the council's transformation.

The aspiration of the Council was to occupy a building which is sustainable, and integrates passive design, low energy technologies and reduced maintenance requirements. In response the primary focus of the design of the building, and the associated MEP services installations was to maximise natural ventilation, natural day lighting, minimise heat gains within the building and incorporate renewable and low energy technologies in order to reduce energy consumption and the associated production of carbon dioxide.

The building services installations contribute to the overall sustainability of the building by incorporating renewable, low energy systems and sustainable technologies such as;

- Natural/Mixed Mode Ventilation
- Variable Refrigerant Flow simultaneous sheeting & cooling systems to cellular spaces
- Free cooling using outside air
- Night time cooling
- LED lighting technology
- Rainwater harvesting to serve flushing cisterns
- Roof mounted photovoltaics

The mechanical and electrical services are designed to maximise flexibility of the open plan office space and to facilitate the possible future sub division of the office area.

Vulcan House, Sheffield



Client: Wilson Bowden Developments
Architect: Hadfield Cawkwell Davidson
Project Value: £30 M
Contract Duration: January 2006 – May 2009

A seven storey office block of 200,000 gross square feet, complete with training facilities, public enquiry counter and staff restaurant. BREEAM excellent rated and Part L2A 2006 compliant. Features include HFC free building, utilising ammonia chillers, hydrocarbon split heat pumps to Comms rooms, DC motors on fan coil units and grey water recycling installation. Partial Sedum green roof.

It was the first Building in Sheffield to achieve a BREEAM excellent rating, and won the 2008 CCIS Award for sustainability.



GMP Headquarters, Ashton Moss

Client : Muse Developments
Architect: AEW Architects
Project Value: Approximately £17 M
Contract Duration: January 2007 – August 2009

A new 100,000 ft² Head Quarters building for Greater Manchester Police on remediated land close to the M60. Hannan Associates worked closely with the architects from the outset of the project to set the building at the most efficient aspect ratios and orientation to the sun to optimize energy usage. During the detailed design phase our thermal modeling results were used to determine glass and fabric materials and specifications. This building has been awarded a Very High BREEAM rating.



Dept. of Constitutional Affairs, Liverpool

Client : Scarborough Developments & Shepherd Developments
Architect: JM Architects
Project Value : £20 M
Contract Duration: July 2000 – August 2005

The development comprises of a quality office building totaling more than 144,000 sq ft, of which 106,000 sq ft has been pre-let to the Department of Constitutional Affairs. The building will be used as the new Liverpool Family and Civil Justice Centre and includes 27 courtrooms, judicial offices, staff amenities and facilities and public areas. The development is situated in the prime commercial sector of Liverpool. The building provides 6 floors of offices plus basement car parking.

Heritage

Respecting our history to create a future.

The conservation and restoration of cultural institutions is often complex. We create design solutions that respect and preserve a buildings character, whilst adapting it for modern day use.

Our engineers have expertise in working on a variety of historical buildings from private residencies to concert halls.



St George's Hall, Liverpool



Liverpool
City Council

Client : Liverpool City Council
Architect: Purcell Miller Tritton
Project Value: Approximately £50m
Contract Duration: April 2000 – October 2007

We are very proud to be part of the project team that won a Civic Trust 'City of Culture Award' during 2007 for our contribution towards the refurbishment of St George's Hall in Liverpool. Hannan Associates also won a Merseyside Award for Architecture and Urban Design for 'Best Architectural Lighting Project' for this project.

St George's Hall opened its doors to the public in 1854 over 10 years after it was commissioned. It's been a central feature of Liverpool's architecture ever since, and has been called 'The best example of Neo-Classical architecture in Europe'

Commencing in 1995 Hannan Associates were engaged in three phases of the refurbishment of this Grade I listed building to fully design and integrate the services seamlessly and invisibly.

After successfully completing Phase 1 of restoration works at St Georges Hall, Hannan's were awarded Phase II and III refurbishments which were completed from 2003 to 2007. The building is a public venue capable of holding 800 people in its large concert hall and smaller capacities in the small concert hall. It also houses magistrates and Crown courts



CRMZ Youth Mega Club, Widnes



Client: Halton Borough Council
Architect: Austin-Smith Lord
Project Value: £2.6 M
Contract Duration: March 2009 – February 2011

Hannan Associates were employed to undertake the M&E Design for the refurbishment of the Art Deco, Grade II listed Kingsway Health Centre. The former Kingsway Health Centre underwent a significant refurbishment programme to create an environment that young people want to visit and can participate in activities. The facility has been designed to promote volunteering, education, employment and training and 'good teen health'.

A new multifunction hall has been built including a recording studio, radio room and control facilities for the audio and visual equipment. The new hall has multi function use for communal classes and live performances. The new function hall is naturally ventilated by the automatic operation of 'Monodraught' towers and opening windows.

The building has external solar shading to minimise solar gains during the summer months to the south façade and the structure is of medium weight construction to help reduce peak temperatures within the hall. The intention of the ventilation strategy in the new main hall is to reduce energy consumption and CO2 emissions.

20 St James Square, London

Client : Grand Metropolitan & Diageo
Project Value: £3 Million
Contract Duration: 1989 - 1991

20 St. James's Square is a 69,605-square-foot, Class A office property comprised of three interconnected buildings: a historic 1774 section designed by architect Robert Adam, a 1930's extension and a 1990's addition. The Robert Adam-designed building is a Grade I listed structure, the highest level of landmark protection afforded. Hannan Associates designed the 1990's refurbishment which included revised lighting, air conditioning services, introduced a full system of structured cabling and associated comms rooms for the incoming tenant. Post fit-out duties include further alterations and the provision of an energy audit.



Bosworth Hall, Warwickshire

Client : Bosworth Heritage
Architect: Robert Barnes
Project Value: £3.1 M
Contract Duration: 1988 - 1989

We provided Mechanical & Electrical Detail Design services for the conversion of this Grade II listed William & Mary Mansion, set in expansive landscaped gardens, into a luxury 192 bedroom hotel.



St Georges House, Manchester

Client: Scottish Widows

Architect: AFL Architects

Built in 1911 for the Y.M.C.A incorporating gymnasium with oval running track and swimming pool plus other sporting facilities. The building was one of the first modern concrete structures in Manchester and is a Grade II listed building. Hannans were employed to integrate modern engineering services for Scottish Widows.



Ship Canal House, Manchester

Client : Catalyst Capital

Architect: Sheppard Robson

Project Value: £3.5 M

Contract Duration: December 2005 – October 2008

Ship Canal House is an existing 10 story office building situated on King Street in Manchester City Centre. Phase One of the project incorporated the refurbishment of the ground floor reception area, third and eighth floors. The existing Mechanical & Electrical services were stripped out and new services were installed on these floors. The Phase Two works incorporated the full refurbishment of all the remaining floors excluding the two remaining tenanted areas on the fourth floor.

North Western Hall, Liverpool



Client : John Moores University
Project Value: £6 M
Contract Duration: 1996 - 1998

Hannan Associates were part of the team that won a Civic Trust Award for their 'Valuable Contribution to the Quality and Appearance of the Environment' for this building.

The project involved the conversion of the grade II listed North Western Hotel. John Moores University converted the building into city centre student accommodation.

The building forms an important part of the collection of 19th Century buildings on St Georges' Plateau, and the work involved extensive restoration of the exterior and parts of the interior where surviving original elements were retained.

Hannan Associates provided full Mechanical and Electrical detail design services for this projects.



Hotel

It is bad manners to keep a vacation waiting.

A good hotel is not simply a place to rest, in the right hands it can enhance a guest's experience of place, stimulate local economy, and create a vital link to local culture and business.

We take care of the details that allow buildings perform efficiently and economically, strengthening its performance and limiting its carbon footprint.



Pullman Hotel, Liverpool



Client : ISG and ACC Liverpool
Architect: Denton Corker Marshall
Project Value: £40M
Contract Duration: November 2012 – July 2015

Hannan Associates were engaged to develop the services design for the 87,000 m² Exhibition Centre Liverpool and the adjacent Pullman Hotel at Kings Dock, Liverpool.

The Pullman Hotel is a 4 star 200 bedroom hotel developed as part of the Exhibition Centre Liverpool Project, which is a multifunctional exhibition space and concert venue integrated with the Echo Arena & BT Conference Centre.

This project was an example of where we provided energy and sustainability advice and reports to meet BREEAM and Planning objectives. To achieve this we carried out full thermal modelling and optioneering to assess both Carbon and cost in use of the proposals. The exhibition centre will be used to hold trade and consumer exhibitions, music concerts and sport shows – attracting more than 250,000 visitors a year.

On completion the hotel became the first Pullman branded hotel to be located outside London and the first new build of its kind in the UK.

New Bailey Premier Inn, Salford



Client : English Cities Fund
Architect: Aedas RHWL Architects
Project Value: £12.5 M
Contract Duration: January 2012 – July 2014

We are delighted to be a part of English Cities Fund's regeneration plans for 'Salford Central' – a 44 acre, £650 million regeneration scheme transforming a key part of the city.

New Bailey is the commercial quarter of the Salford Central Development and includes the recently completed, £12.5M, 143-bed Premier Inn hotel and restaurant.

The Lodge, Newbury



Client : Newbury Racecourse
Architect: KKA Architects
Project Value: £20M development
Project Duration: August 2010 – Ongoing

We are Building Services, Sustainability/Renewable Energy and Utilities Engineering Services Consultants for the redevelopment of Newbury Racecourse.

The £20 M redevelopment includes a new 4* 120-bed hotel by 'Bespoke' Hotels.

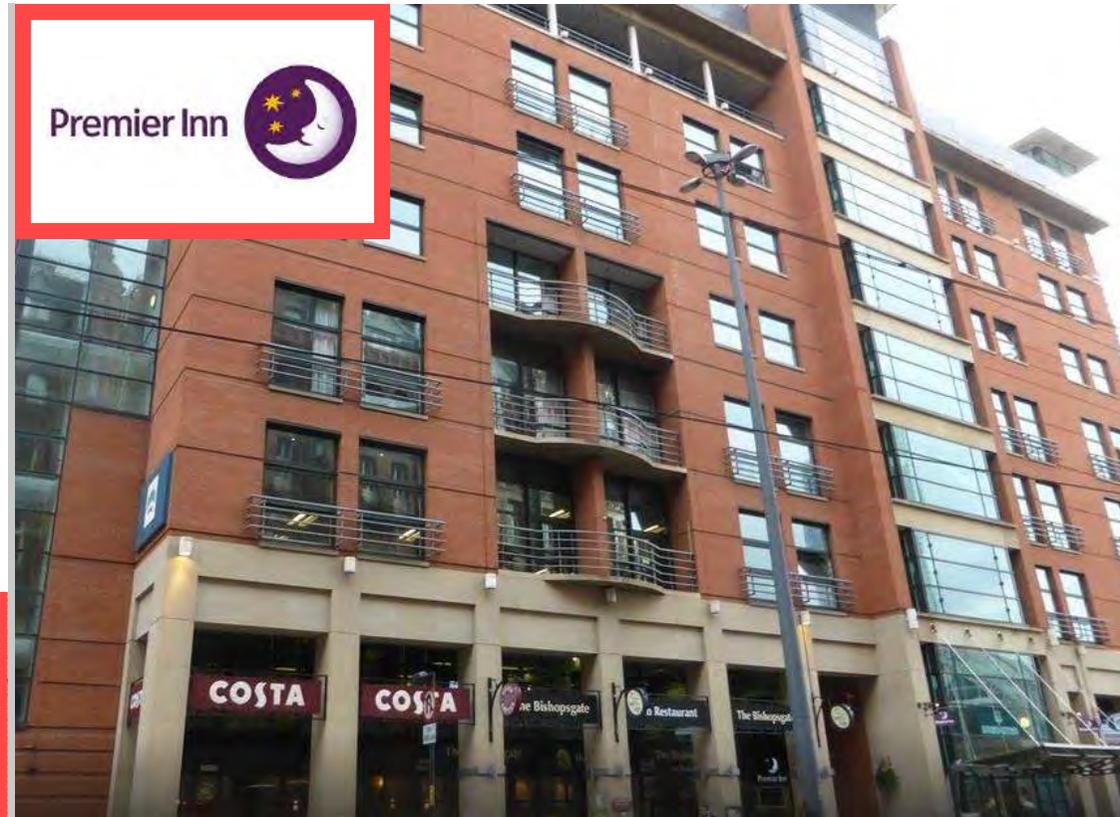
The site will also have up to 1500 new homes of which up to 450 will be affordable, shared equity housing or available to rent.

Hannan Associates undertook the design of the mechanical and electrical services up to Stage E, for the new 36 bedroom Lodge hotel with canteen facilities, and a new Rocking Horse Nursery.

Novotel, Manchester

Client: The Accor Group
Project Value: £14 M
Contract Duration: May 1999 – June 2001

This project involved the development of a 350 bedroom hotel, Retail, & Leisure Development with two storey parking structure below the hotel accommodation. We provided detailed design duties.



Premier Inn Bishopsgate, Manchester

Client: De Vere Group
Contract Duration: February 1997 - July 2000

Hannan Associates carried out a Detail Design and Monitoring duties for the 147 bedroom Hotel, Health Club and Cafe Bar. Bedroom services were to the clients Premier Lodge standard including electric heating. Services to the Health Club included VRF comfort cooling/heating, fresh air ventilation and feature lighting installations.

Stockport Exchange Holiday Inn, Hotel



Client : Muse Developments
Architect: Aedas RHWL Architects
Project Value: £60M approximately
Contract Duration: August 2011 – ongoing

We are delighted to be part of Muse Development's team, selected as Stockport's development partner.

Stockport Council bought the site earlier this year in order to create a high quality office quarter including attractive public space outside the railway station with easy access to the town centre, supported by a hotel and improved car parking.

For Phase 1 of the development we have been involved with the design of a new multi-storey car park, for which construction has started.

Phase 2, which is currently under construction involves the design and construction of a new office block, public realm area and Hotel.

Industrial

Creating masterplans that help businesses evolve with confidence.

Industrial networks are the heart of a company. These spaces often require multiple uses such as manufacturing processes, storage facilities, distribution centres and logistic hubs. Requirements for such spaces are diverse and often highly complex, ranging from temperature control to creating transport links for direct site access.

No matter what specifications your product requires we can create the perfect place in which to get it from A to B.



Omega Business Park, Warrington



Client: Miller Developments
Architect: Chetwood Architects
Project Value: £1 BN
Contract Duration: May 2012 - ongoing

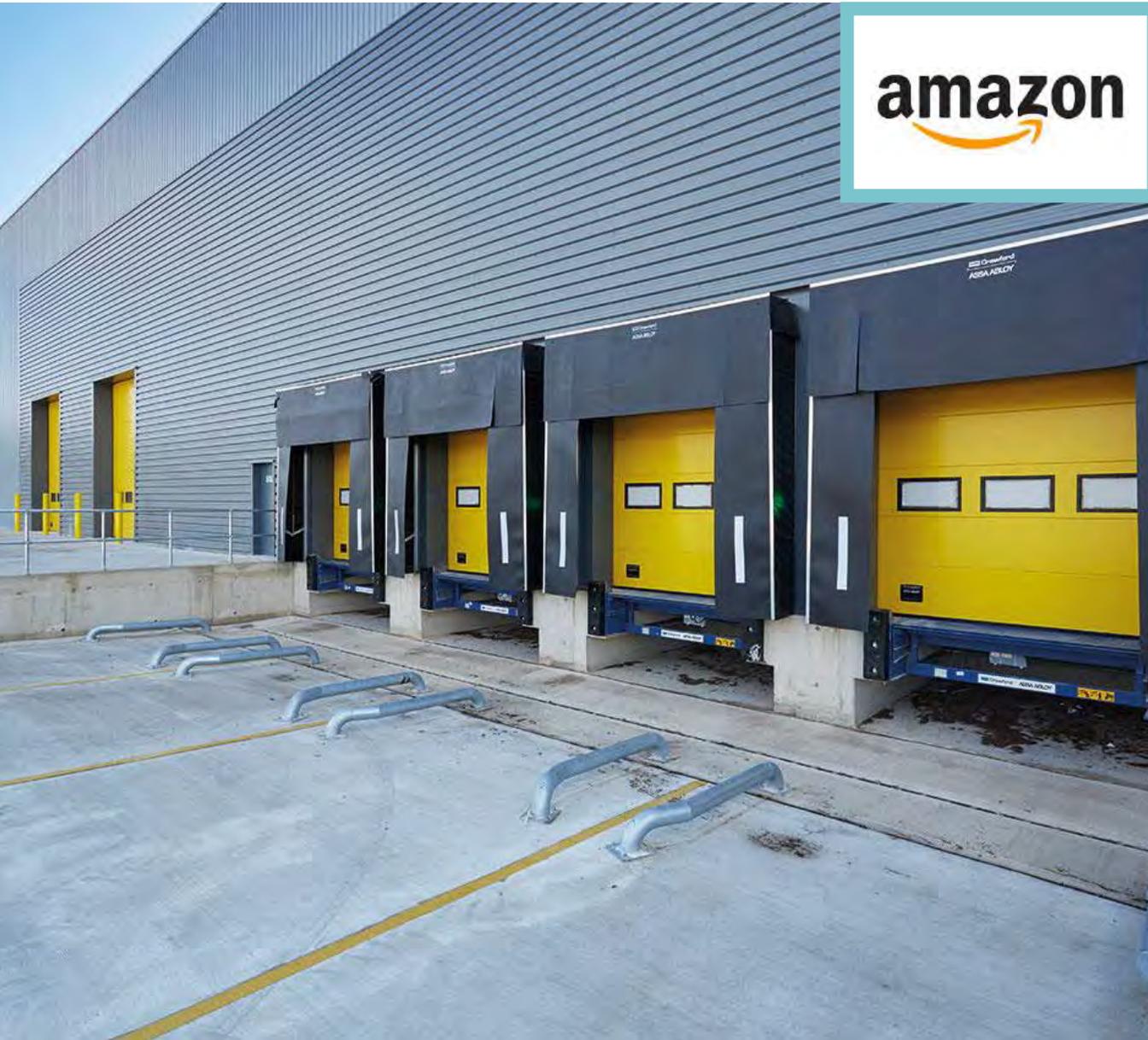
Omega, a 226 ha site straddling the M62 near Warrington, is considered to be one of Europe's most important strategic development sites. It will be a mixed-use development comprising offices, industrial space, leisure facilities and hotel and conference facilities. The development is expected to create over 12,000 jobs for the region with the development planned to take place over the next 25 years.

The site comprises a large part of the former RAF/ USAF Burtonwood Airbase and has two distinct areas, and incorporates five former aircraft hangars that remain from the former airfield use. The site is surrounded by land that is designated for use as statutory green belt which will be precluded from future development.

Hannan Associate's duties for this project include utilities and MEP contribution to the master planning proposals, utilities infrastructure appraisal, strategy and procurement for the whole of the North and South sites. We provided MEP performance and monitoring duties for the OWL developed buildings including planning submission support, BREEAM assessment, utilities provisions for the tenant developed plots and pre and post exchange tenant liaison for the utilities.

We have also provided shell & core and fit out of distribution centres on Omega North for Brake Brothers, Hermes and Travis Perkins and on Omega South The Hut Group, Plastic Omnium and Dominos Pizza.

Amazon, Logic Leeds Business Park



amazon

Client: Muse Developments
Architect: Fletcher Rae Architects
Project Value: £5 M
Contract Duration: April 2014 – May 2016

We provided utilities infrastructure master planning and procurement for the overall development proposals and design and monitoring services for the MEP associated with the initial speculative 80,000 ft² industrial unit. As part of the team we contributed to the specification of the unit which was developed to provide a wide tenant appeal and a high level of flexibility to attract potential tenants.

The unit is now let to Amazon and we assisted the client during the letting of the unit and carried out the design and monitoring of additional car parking facilities requesting by Amazon.

Logic Leeds is part of the Leeds Enterprise Zone, which means that it benefits from a range of incentives for occupiers. Overall there is outline planning for 1.6 million ft² of quality industrial, storage and distribution development. All buildings will have a high BREEAM rating and state-of-the-art facilities.

John Lewis, Logic Leeds Business Park

The John Lewis logo is displayed in a white rectangular box with a teal border. The text "John Lewis" is written in a dark green, sans-serif font.

Client: Muse Developments
Architect: Fletcher Rae Architects
Project Value: £6.2 M
Contract Duration: March 2015 – May 2016

The building was constructed to meet the pre let requirements of John Lewis for a new 50,000 ft² customer delivery distribution hub. The building design and handover information was carried out using BIM protocols in accordance with John Lewis requirements.

Our role involved assisting the client with tenant liaison and the development of the brief with the John Lewis team. We were responsible for the infrastructure procurement and the provision of a Stage 3+ design and performance specification for the MEP systems. We monitored the contractor design stages and construction of the works through to handover to ensure compliance with the strict tenant requirements.



Phillips 66, South Killingholme

Client: Phillips 66
Architect: Frank Shaw Associates
Contract Duration: January 2011 – May 2012

Construction of a new blast and toxic gas resisting building comprising of a warehouse, fabrication workshop, maintenance workshop and two storey office facility at the Humber Refinery, South Killingholme - 5,874m² gross area. Steam and electricity were supplied from ConocoPhillips own Combined Heat & Power plant to serve the building. Our duties included the outline design and performance specification of the building services installations to meet Conoco Phillips technical standards which are exacting due to the nature of the facility.



Manchester Airport Development

Client: Christal Management & MAG Developments
Architect: RPS Group
Project Value: £800 M
Contract Duration: June 2007 – December 2010

We were involved in two projects with MAG Property and Christal Management at Manchester Airport. The projects involved the proposed development of new transit, logistics and freight forwarding warehouses adjacent to the main airport. Currently the plans have been developed to planning stage. We have also previously provided building services consultancy for a F.D.S Service hangar extension and a British Airways Services Hanger for Manchester Airport

Galaxy Distribution Centre, Knowsley



MATALAN

Client : Maro Developments
Architect: Fletcher Rae Architects
Project Value : £22 M
Contract Duration: January 2012 – April 2014

The Galaxy Distribution Centre was originally commissioned circa 2010 as a speculative industrial unit of 550,000 sq ft, with the facility to extend in the future.

In 2013 as part of a major redevelopment of the site and adjacent land, the building was extended to provide a new 'Major Logistics' facility for fashion retailer Matalan, with the adjacent site becoming the new home for their corporate headquarters.

The original building was extended to provide an additional 150,000sq ft of storage space, as well as Transport Offices, servicing, a new Gatehouse, and 'off site' highways infra-structure works.

An extended Amenity Building was created to incorporate offices, training suites, canteen and changing rooms.

The warehouse included a new automated single picking system and storage facility. Hannan Associates were engaged to design the extensions and alterations to accommodate the specialist fitting out of the new warehouse facility and to alter and adjust the infrastructure of the building to accommodate the fitting out.

Multi-Storey Car Parks

Devising ways of reaching new heights.

The effect of a good car park should not be underestimated. As the entry point to places of business, venues and even a city itself, it is often the start of a visitor's experience. Enhancing the potential of these spaces can unlock revenue, improve local transport links, and provide a catalyst to revitalise local economy.

Whether you are planning a new build or refurbishing an existing structure, we have experience working on a wide range of multi-storey schemes.



NCP

Welcome to New Bailey Car Park

NCP

5

New Bailey Car Park Scheme, Salford



NEW
BAILEY

Client : English Cities Fund
Architect: Aedas RHWL Architects
Project Value: £12 M
Contract Duration: April 2013 – November 2014

As part of English Cities Fund's £650M Salford Central regeneration plans we provided MEP performance duties for the new 700 space multi-storey car park at New Bailey.

New Bailey is a high value, high density corporate centre. A Premier Inn hotel and a multi-storey car park have been completed and a 125,000 sq ft office scheme, One New Bailey, is now under construction.

It has included in numerous awards shortlists including both commercial and infrastructure nominations in the 2016 RICS Awards, and best new car park in the 2016 British Parking Awards, where it went on to win in the Architectural Achievement Award category.





COOKSON STREET

TALBOT ROAD

CAR PARK NOW OPEN >>

RETAIL & LEISURE

TO LET
5,400 SQ FT
15 M x 350 FT

Talbot Road Car Park

Map showing location of Talbot Road Car Park at the intersection of Cookson Street and Talbot Road.

Talbot Gateway Car Park Scheme, Blackpool



Client :	Muse developments
Architect:	Potter & Holmes Architects
Project Value:	£6.2 M
Contract Duration:	November 2010 – November 2013

As part of Muse Development's 1.1 million sq ft Talbot Gateway Development in Blackpool we provided MEP design services for the refurbishment of the 648 space, 5 level multi-storey car park originally built in the 1930s. The car park also incorporates ground floor retail units, in keeping with the design of the rest of the development.

The car park was awarded the British Parking Award for 'Best Refurbishment' during 2014. The Talbot Road MSCP beat strong competition from five other shortlisted car parks in the Best Refurbishment category thanks to a creative design that reveals the original 1930s frame through the new elevations, to deliver a contemporary car park that acknowledges its heritage.

The car park now forms a central part of this mixed-use scheme, which also includes a 120,000 sq ft Sainsbury's store, a 126,000 sq ft, energy-efficient office development 'Number 1 Bickerstaffe Square' with ground floor retail and gym and extensive new public spaces.



Stockport Exchange Car Park Scheme



Client :	Muse developments
Architect:	Aedos RHWL
Project Value:	£7.5 M
Contract Duration:	October 2011 – January 2014

As part of Phase 1 of the Stockport Exchange development we designed the MEP services for the new 1,000 space multi-storey car park at Stockport train station.

With more than double the spaces now available for the public, the car park has been designed for ease and safety. With staff on site 24:7, there are also 21 dedicated stairwell help points all linked to the NCP customer contact centre. There are three new pay on foot machines, as well as the opportunity to pay on exit to avoid queuing at peak times.

The new crisp and clean LED lighting throughout will cut down on energy consumption and light pollution. There are also five electric car charge points and a dedicated cycle hub with space for 50 cycles, entry cards, changing rooms and lockers for cyclists.

Stockport Council bought the Grand Central site earlier this year in order to create a gateway from the train station to the town centre. The development includes a high quality office quarter, an attractive public realm area, improved car parking for the station, a hotel, retail units and ease of access to the town centre.

It was short listed in the Best New Car Park category at the 2015 British Parking Awards.

Doncaster Civic Quarter Car Park Scheme



Client : Muse developments
Architect: Potter & Holmes Architects
Project Value: £2.5 M
Contract Duration: June 2010 – November 2011

Phase 1 of the £330 M Doncaster Civic Quarter regeneration scheme included the construction of a new 157,500 sq ft civic office building, performance venue, public realm area and refurbished multi storey car park. We undertook the MEP Design for the refurbishment of the 850space multi-storey car park.

The car park was highly praised at the British Parking Awards, narrowly missing out on the best refurbishment award.

We also undertook Client Representative monitoring duties of the MEP services installations during the construction phase of the Civic office building which was designed to achieve a BREEAM excellent rating. The building was highly serviced and incorporated a low energy natural/mixed mode ventilation strategy



Residential

Improving quality of life by creating desirable places to live.

A community's sense of self and character is defined by its residents. Establishing vibrant residential properties allows these communities to grow, and local businesses to thrive. Whilst creating a sustainable approach provides value for developers, buyers and future tenants alike.

From private homes to major regeneration projects, our engineers have the experience to provide the best solution to make your project a success.



MUNRO & TURNER LTD

KAMPUS

RED BUTCHER

Real Estate Solutions

Kampus PRS Scheme, Manchester



KAMPUS

Client : Henry Boot + Capital & Centric
Architect: Mecanoo Architects
Project Value: £150 M
Contract Duration: September 2015 – ongoing

We are currently working on the £150M Kampus city centre neighbourhood project on Aytoun Street in Manchester.

The project is a joint venture between Capital & Centric and Henry Boot Developments who acquired Manchester Metropolitan University's 250,000 sq ft Aytoun Street campus in March 2014 when the University relocated to the new £75m All Saints Campus off Oxford Road.

The development, which will regenerate and enhance the existing site, includes the refurbishment of two nineteenth century former warehouse buildings, Minto & Turner and Minsull House, that are listed for their historical interest, and are thought to have the only remaining untouched cobble street in Manchester running between them.

Work will also take place on the refurbishment of an existing tower block, and the construction of two new buildings. When completed Kampus will provide 500 private rental sector apartments, with communal terrace areas and on site car parking.

The ground floor will host restaurants, bars, cafes and retail spaces within the new and existing buildings, set within a creative public realm landscape to create an exciting live hub and living destination.

The Slate Yard PRS Scheme, New Bailey, Salford



Client :	English Cities Fund
Architect:	AHR
Project Value:	Various
Contract Duration:	September 2014 – ongoing

We are currently providing MEP Performance Duties for English Cities Fund's regeneration plans for 'Salford Central' – a 44 acre, £650 million regeneration scheme set to transform a key part of the city.

Hannan Associates have already completed work on the New Bailey Premier Inn Hotel and multi storey car park, and work is now underway on No.2 New Bailey Office, and plots A5 – A7 PRS schemes, thought to be the first custom built PRS scheme to be delivered in Greater Manchester.

Plot A5 - A £13M, 10 storey apartment block incorporating 90 PRS apartments.

Plot A6 - A £17M, 16 storey apartment block incorporating 135 PRS apartments.

Plot A7 – A £30M, 21 storey apartment block incorporating 220 PRS apartments.

Vimto Gardens, Salford



Client :	English Cities Fund
Architect:	Glenn Howells Architects
Project Value:	£15 M
Contract Duration:	January 2012 – January 2015

Vimto Gardens forms part of English Cities Fund's £650 million Salford Central regeneration scheme designed by Glenn Howells Architects, RHWL Architects and Urban Initiatives, which covers 17 hectares around the main road of Chapel Street, Salford Central Station and the Adelphi and Bexley Square Conservation Area.

Hannan Associates provided MEP Performance Duties for the 83 apartments, 14 town houses and retail units included in the Vimto Gardens development, which is named after the famous drink that was first produced close to the site.

The scheme won urban residential development of the year at the 2016 Insider Residential Property Awards.



Timekeepers Square, Salford Central

The logo for Timekeepers Square, featuring the word "TIMEKEEPERS" in a large, bold, serif font above the word "SQUARE" in a smaller, all-caps, serif font. The text is centered and flanked by horizontal lines.

TIMEKEEPERS
— SQUARE —



Client: English Cities Fund
Architect: Buttress
Project Value: £4.5 M
Contract Duration: August 2014 – April 2017

As the Vimto Gardens residential development reached completion we were pleased to commence work on the second phase of English Cities Fund's Chapel Street, Salford regeneration scheme.

The Timekeepers Square residential development is situated next to St Philip's Church and will incorporate 36 new build Town Houses for which we are providing MEP Performance Duties.

We joined Buttress Architects and Integra Consulting Engineers on the design team.

Carpino Place, Salford Central



Client :	Muse Developments / English Cities Fund
Architect:	Buttress Architects
Project Value:	£3.5M
Contract Duration:	July 2015 - Ongoing

Carpino Place is the latest stage of Salford Central's Chapel Street regeneration scheme delivered by English Cities Fund (ECF). This new development of townhouses follows in the footsteps of the award winning Vimto Gardens, and Timekeepers Square. The scheme will comprise 22, three-storey townhouses with an internal courtyard housing car parking spaces for each home, private rear gardens, rooftop terraces and patio areas. ECF are working in conjunction with Salford City Council to develop the project, creating a design that will complement the surrounding area, as well as enhance the existing streetscape, and strengthen its urban setting. After completion Salford Central will create around 11,000 new jobs, 220,000 sq m of commercial space, 849 new homes and 390 hotel rooms.

We are pleased to be working alongside Buttress Architects, Integra Consulting, Appleyard & Trew and John Turner Construction on this project.

Our services include early stage concept design and co-ordination with the design team as well reviewing any potential renewable energy technologies which may be adopted as part of the scheme. As part of our duties we will also obtain any budget utility costs for the project and work towards producing our tender specification and full set of drawings for the MEP services. We will carry out initial Part L1A calculations and predicted EPC results for each property type, as well as any overheating analysis if required. We attend regular site progress meetings and carry out site visits to review the MEP installations and produced detailed site inspection snagging and defects reports to maintain the highest level of quality throughout.

Retail

Developing urban environments that draw people in.

To compete with the boom in online trade, retail outlets such as arcades, shopping centres and town centres have started to realise the importance of creating more welcoming, all-inclusive environments with the customers overall experience in mind. Aiding in urban transformations by maximising a sites value, helps communities and businesses to grow and thrive.

Whilst responding to the needs of each unique brief and location, we help to aid in the design of flexible, sustainable retail settings, providing the best value to developers, contractors and retailers alike.



Trinity Walk, Wakefield



Client :	Simons Developments
Architect:	DLA Architecture
Project Value:	£200 M
Contract Duration:	August 2005 – May 2011

Trinity Walk was an exciting and ambitious project which brought new life to Wakefield city centre with a total project investment value of £200M.

The development provided the centre of Wakefield with 600,000 sq ft of exciting new retail space, Completion in May 2011 saw the opening of new retail units for Sainsbury's, Debenhams, Next and New Look, alongside some 50 other retail units together with offices, new market hall, a new public square, and 910 car parking spaces.

Hannan provided concept design and performance specifications for the Retail and Market Hall together with designing the external lighting, major utility services to the site and multi million pound diversions associated with the road realignment and removal of the high pressure gas storage bullets on the site.

Rochdale Town Centre Redevelopment



Client :	Genr8 Developments & Arcadis
Architect:	T P Bennett Partnership
Project Value:	£50M
Contract Duration:	October 2014 – Ongoing

We are working alongside Genr8 to deliver the final commercial element of Rochdale Town Centre's £250 million town centre redevelopment. The new retail and leisure quarter comprises of more than 200,000 sq.ft of modern commercial space including:

- 50,000 sq.ft Marks & Spencer department store
- 22,000 sq.ft two level Next store
- 6 screen REEL cinema
- 125,000 sq.ft of additional retail accommodation
- 30,000 sq.ft of leisure/A3 space

As well as taking control of BREEAM Assessment duties for the project, our engineers are providing MEP design consultancy services for the base build shell and core elements and landlord's areas, including thermal modelling and Part L analysis for each of the buildings.

Hannan Associates have worked closely with other members of the design team to develop innovative, landmark buildings, with effective and efficient building services solutions to meet the needs for each particular building.

Due to the nature of the development and location of the site, our role has also involved extensive dialogue and negotiations with all utility providers in the area, to deal with the extensive major utility diversions that will be necessary on and around the site, as well as dealing with the new supply connection requirements.

Hannan Associates are extremely proud and excited to be working with Genr8 and the rest of the team on a project that we will soon be transforming Rochdale's commercial landscape and giving its residents a town centre they can be proud of.

Charles Street, Dorchester



Client :	Simons Developments
Architect:	Careyjones Chapman Tolcher
Project Value:	Approximately £40 M
Contract Duration:	July 2008 – ongoing

This project involves a Town Centre mixed use development scheme in Dorchester.

Phase 1, which reached completed in 2014, comprised a new 60,000 sq ft council office building for West Dorset District Council and a Library/ Adult education centre. The building was designed to achieve an Excellent rating under BREEAM Offices 2008 standard and incorporates a natural/mixed mode ventilation strategy and 300sq m Photovoltaic Array on the roof.

Phase 2 comprises a 150,000 sq ft new retail development and public mall, anchored by M&S and Waitrose stores and new residential units, new public areas and underground multi storey storey car parking.

Town Centre Redevelopment, Bargoed



Client :	Simons Group and Rockspring
Architect:	Holder Mathias Architects
Project Value:	£25 M
Contract Duration:	December 2011 – October 2015

This joint venture with Caerphilly County Borough Council (CCBC) and The Welsh Government has provided 77,000 ft² of retail space comprising of a 57,000 ft² supermarket and a petrol filling station, pre-let to Morrisons for 25 years, as well as a further seven retail units, pre-let to Caerphilly County Borough Council for 25 years.

The scheme received a Highly Commended status as a finalist, in the Wales region category of the 2015 Place Making Awards.



Merchant Gate, Wakefield



Client : English Cities Fund
Architect: Carey Jones Chapman Tolcher
Project Value: £20 M
Contract Duration: June 2006 – September 2009

We worked for English Cities Fund upon Phase 1 of this project, considered one of the most important City Centre development sites in Yorkshire. This mixed development project designed by Carey Jones Architects comprises of office, retail, residential and car parking.

Our work included the infrastructure design and performance duties for the retail, office and residential units.

The project has won multiple awards including, Best Corporate Workplace at the 2010 BCO North Awards, Best Development Outside of London at the 2010 OAS development Awards, and Best New Build and Best Residential Development at the 2011 Wakefield Civic Society Design Awards.



WAKEFIELD CIVIC SOCIETY
building interest in Wakefield

Social Housing

Improved environments mean better health.

Care institutions prioritise people and so do we. Taking into consideration medical advances, clinical effectiveness, and patient care, we design solutions that reduce stress and improve day to day lives.

By designing more efficient environments we can have a positive impact on patients, visitors and the people who take care of them.



Abbots Wood Extra Care, Northgate



Client :	Your Housing Group
Architect:	Michael Hyde Architects
Project Value:	£18 M
Contract Duration:	Jan 2011 – October 2014

Abbots Wood is an Extra Care Retirement Village in Northgate, Chester, which we worked on for Your Housing Group. The project designed by Michael Hyde Architects involved the construction of 131, one and two bedroom apartments and communal facilities. The scheme has been created through a partnership between Your Housing Group, Cheshire West and Chester Council and the HCA and was part funded by a grant received from the HCA.

This extra care development has been designed to allow residents to live an independent life in a socially supportive environment. They contribute towards YHG's £150 million affordable homes program helping tackle the national older person's housing crisis by providing 450 high quality new homes for the over 55s across the North West, making YHG one of the largest developers of extra care housing in the UK.

As a minimum all apartments have been designed to achieve Code for Sustainable Homes (CFSH) Level 3.

Kingswood Extra Care, Newton



Client : Your Housing Group
Architect: Pozzoni LLP
Project Value: £8.4 M
Contract Duration: August 2013 – May 2015

The Kingswood extra care retirement scheme in Chester is one of the latest projects we have worked on for Your Housing Group. The scheme, designed by Pozzoni Architects includes 82, 1 and 2 bed extra care apartments and communal facilities.

The scheme has been created through a partnership between Your Housing Group, Cheshire West and Chester Council and the HCA and was part funded by a grant received from the HCA.

This extra care development has been designed to allow residents to live an independent life in a socially supportive environment. They contribute towards YHG's £150 million affordable homes program helping tackle the national older person's housing crisis by providing 450 high quality new homes for the over 55s across the North West, making YHG one of the largest developers of extra care housing in the UK.

As a minimum all apartments have been designed to achieve Code for Sustainable Homes (CFSH) Level 3.

Anderton Place Extra Care, Northwich

Client : Wulvern Housing
Architect: North West Design Associates
Project Value: £7.5 M
Contract Duration: May 2009 – October 2014

Anderton Place at Sandbach Drive, Kingsmead is an extra-care village located in Northwich. It comprises of 60 extra-care apartments split between two buildings, building A contains 44 apartments and building B contains 16. Building A also contains communal facilities such as a Restaurant, Lounge, Salon, Wellbeing Suite, Laundry and TV Room. All apartments achieved Code for Sustainable Homes (CFSH) Level 3.



Community
Integrated
Care

Thornlea Care Home, Manchester

Client : Community Integrated Care
Architect: Pozzoni LLP
Project Value: £5 M
Contract Duration: February 2010 – May 2012

The project comprised the construction of a new care home providing 48 care beds and 12 respite beds all with en-suite bathrooms on a Brownfield site. The care home includes a bistro, day care centre, communal sitting areas, communal kitchens, laundries, assisted Bathrooms, treatment room, fitness suite, library, shop and a salon. The accommodation has been designed to meet BREEAM 2008 very good for multi residential buildings.

Brookside Extra Care, Ormskirk

Client : Your Housing Group
Architect: Pozzoni LLP
Project Value: £13M
Contract Duration: September 2008 – April 2012

This project involved the construction of 111, 1 and 2 bed Retirement Apartments, 15 of which were specifically designed for people with dementia. Facilities include Bistro café, Community Room, Library, IT suite, Exercise studio, Music studio, Hair salon and Lounges. It is also a base for several local organisations providing care and support services. Our design incorporated a central plant consisting of high efficiency gas fired boilers, and a gas fired CHP unit, serving all apartments via a district heating distribution system. Each apartment has a metered heat interface unit to enable the occupiers to individually monitor energy consumption. The building was designed to meet Code for Sustainable Homes Rating Level 3.



Parkhaven Court Extra Care, Magull

Client : Your Housing Group
Architect: Pozzoni LLP
Project Value: £2.7 M
Contract Duration: June 2009 – November 2010

The project involved the construction of 24 Extra Care apartments, Day Centre and communal facilities built within the grounds of the Parkhaven Trust site, Maghull. The facility was designed specifically for people with dementia.

The units comprise of one and two bed apartments, each self-contained and designed specifically for elderly people requiring care, but who are still able to maintain a degree of independence.

The Windings Extra Care, Helsby



Client : Your Housing Group
Architect: Pozzoni LLP
Project Value: £8.7 M
Contract Duration: February 2013 – June 2015

The Windings in Helsby is one of the latest extra care retirement scheme we have worked on for Your Housing Group. The scheme, designed by Pozzoni Architects, includes 77, 1 and 2 bed extra care apartments and communal facilities.

The scheme has been created through a partnership between Your Housing Group, Cheshire West and Chester Council and the HCA and was part funded by a grant received from the HCA.

This extra care development has been designed to allow residents to live an independent life in a socially supportive environment. They contribute towards YHG's £150 million affordable homes program helping tackle the national older person's housing crisis by providing 450 high quality new homes for the over 55s across the North West, making YHG one of the largest developers of extra care housing in the UK.

As a minimum all apartments have been designed to achieve Code for Sustainable Homes (CFSH) Level 3.



Stadia

Devising iconic landmarks that create a legacy.

Modern sporting venues are fast becoming flexible multiuse arenas that incorporate a large number of functions such as entertainment, leisure, retail and museums, as well live sporting events. Problem solving the design challenges for such spaces can be tricky, due to the specific needs these events require. Issues such as lighting, IT, communications, security, wayfinding, logistics, operational readiness, and the inclusion of multimedia broadcast systems, must be properly addressed in order to ensure events run smoothly, and a high quality visitor experience is achieved.

Our involvement across a wide range of sporting venues from individual stadiums to entire sports cities, means we understand how respond to challenging briefs, in order to create spaces that perform.



OLD TRAFFORD MANCHESTER

MANCHESTER
UNITED

MUFC Various, Manchester



Client :	Manchester United Football Club
Architect:	Miller Partnership
Project Value:	£42 M
Contract Duration:	Various Projects 1990 – Ongoing

Hannans have been involved in various projects for Manchester United Football Club over the last 25 years. Ongoing Duties have included, Detailed Design, Infrastructure Services, Major Services Diversions, Monitoring, Surveys, Maintenance, Energy Performance Certificates and Condition Reports. Here are just a few of the project we have worked on for the club:

Quadrants Development

This development provided additional spectator terracing of 7,000 extra seats and 2,300 extra places for corporate dining. The design was complicated by the myriad of existing buried services which needed to be diverted to accommodate the piling required for the structure.

Museum

Includes a visitor centre and the red café. We designed the complete mechanical, electrical and public health installations. The project involved the fitting out of the existing level 3 of the North Stand. Themed areas include the theatre, Red café and interactive exhibit spaces.

Executive Boxes

We provided MEP Detailed Design Services for the East and West stand redevelopment at Old Trafford, which involved building behind and over the existing stands.

Training Ground Carrington

Having successfully previously completed the academy building and full size indoor pitch at Manchester United's Carrington training complex, Hannans were appointed to design the building services and infrastructure diversions for a series of alterations, extensions and new buildings.

Bristol Sport Ashton Gate Stadium



Client : Bristol Sport
Architect: KKA
Project Value: £40 M
Contract Duration: April 2013 – 2016

We were selected by Bristol Sport together with Capita Project Management and KKA Architects, for the redevelopment of the Ashton Gate Stadium which is the home of Bristol City FC, Bristol RFC and Bristol WFC.

The scheme involved the replacement of the South and West Stands, and the refurbishment of the East Stand, increasing seating capacity to circa 26,500 seats. The stadium is designed to be flexible to allow non-event day use, including exhibitions and conferences. The planning conditions included a requirement for renewable energy production, and the scheme includes bio diesel heating, and a large photovoltaic array on the West stand roof. We were appointed to provide MEP Design, Acoustics, IT, Sports Lighting & Fire Engineering Consultancy and BREEAM Assessment for the project.

Construction was phased to allow continued usage of the stadium for football and rugby events during the build and include:

- Enabling works to services
- Phase 1 Demolition and construction of the new South stand with shop, Museum space and bar
- Phase 2 Alterations and refurbishment of the East stand
- Phase 3 Demolition and construction of the new West Stand

The scheme also included

- Maintenance of stadium control room and safety systems through the phases
- Internal and external large screens
- Enhanced finish concourses with LED and signage, both internally and externally for exhibition use.

City of Manchester Stadium & Athletics Arena



Client : Manchester City Council
Architect: Arup Associates
Project Value: £112 M
Contract Duration: May 2001 – January 2004

The City of Manchester Stadium was built for the Commonwealth Games held in Manchester during 2002 and converted to a football stadium for Manchester city following the games.

Hannan Associates provided checking duties and advice based on the wide experience gained in the design and execution of major stadia schemes. Hannans acted for the city council throughout all phases of the scheme. From design development, to installation and commissioning both for the commonwealth games and the occupation by Manchester City Football club. Hannan's services also including the provision of on site engineers for the duration of construction and fitting out.

The engineers provided support for the building services maintenance contractors during the games including advice on problem solving. Part of the appointment was to identify deficiencies or over design in the scheme to provide value engineering advice to the design and build team.

Hannans were part of a team which included an architect and structural engineer; we worked together to provide a strategically coordinated design services approach.

Following the successful completion of the main scheme Hannan were appointed to design the building services for the Regional Athletics Arena and the management suite.

Wolves FC Molineux Stadium



Client:	Wolverhampton Wanderers FC
Architect:	AFL Architects
Project Value:	£40 M
Contract Duration:	August 2009 – September 2011

Hannan Associates were the Building Services Designers for the master planning and redevelopment of the Molineux stadium.

The first phase of the project was the new North stand, starting with the master planning of redeveloping the ground in a phased manner, with due consideration of the live stadium and site wide services. These included IT, public address, HV infrastructure, turnstile monitoring, essential services, AV systems, CCTV and replacing UEFA class 4 Elite standard sports lighting temporarily and permanently.

The second phase being the new East stand, with other stands to follow.

Scheme development of phase 2 including enabling works and fitting out for East stand, executive boxes, lounges and banqueting hall. Including designing services to allow early occupation of terrace and lower concourse.

Leicester Tigers FC Welford Road Stadium

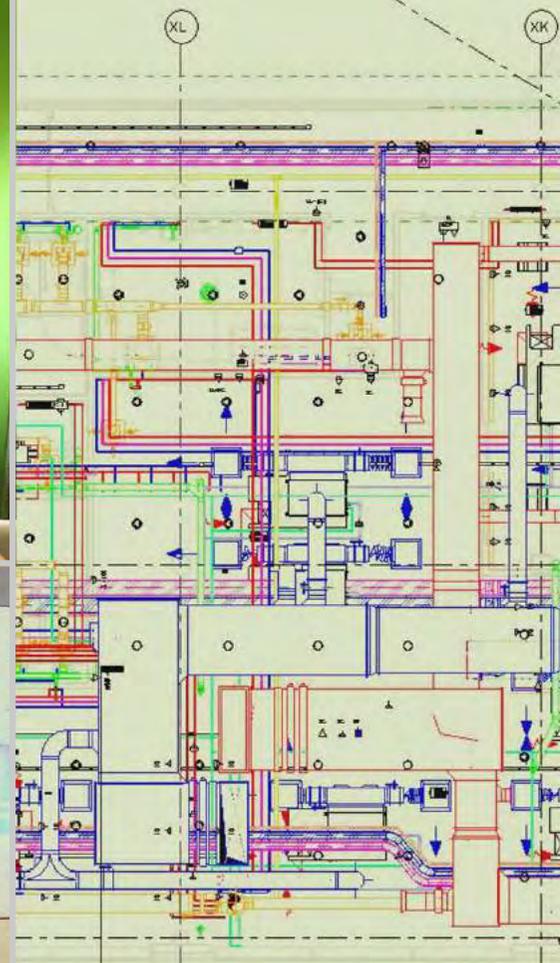


Client:	Leicester Tigers Football Club
Architect:	AFL Architects
Project Value:	£30 M
Contract Duration:	2007 - 2010

Hannan Associates were the Building Services Designers for the master planning and redevelopment of the Welford Road stadium with the first phase being the new Caterpillar stand.

The master planning of the whole ground in a phased manner with due consideration of the live stadium and services including maintaining and replacing UEFA standard sports lighting, consulting with users and specialists, adding value by ensuring that the phasing was structured with the servicing to meet the long term aspirations of the client.

Phase 1 included the demotion and replacement of the North stand with the new single tier terrace of 10,200 seats and including concourses, crush bar and executive dining facilities with associated catering production areas. The scheme included a planning policy requirement to include a renewable technology to meet 13% of the energy consumption. Biomass boilers were chosen following a feasibility study which was designed to meet the future development requirements to ensure value for money in the long term and future phases.



Contact Us



Vicky Priestley
Business Development
& Marketing Manager

Tel: +44(0)161 337 2200

E-mail: vicky.priestley@hannan-uk.com



Sarah Marsden
Marketing Assistant

Tel: +44(0)161 337 2200

E-mail: sarah.marsden@hannan-uk.com

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

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