

#### **COVER IMAGE**

Civic Building of the Year (CBOY) Winner 2015

Client: Manchester City Library Architect: Ryder Architecture Contractor: Laing O'rourke

Planning Consultants: English Heritage Photographer: Morley Von Sternberg



# FOR THE COMMUNITY

2016 YEARBOOK



# IS THE SOCIETY FOR INDIVIDUALS AND GROUPS WHO COMMISSION, DESIGN, CONSTRUCT, MANAGE AND MAINTAIN PUBLIC BUILDINGS

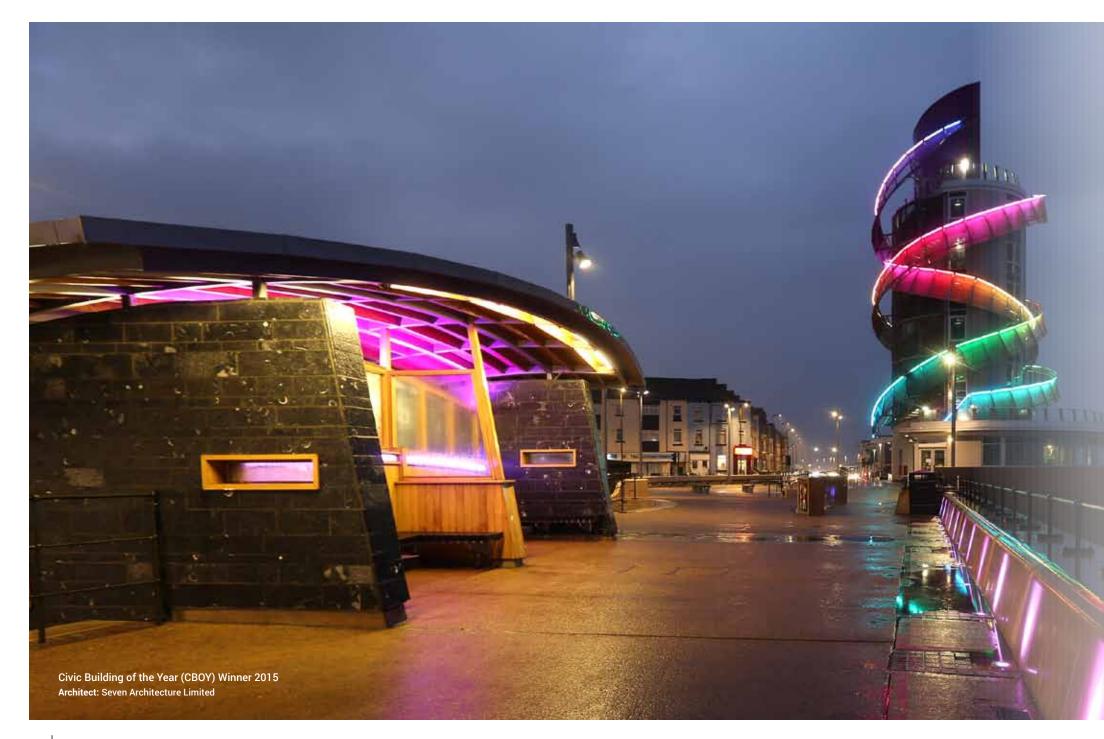
If you're interested in joining, find out more at www.thespaces.org.uk/join-us

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# WELCOME

# The Society for Public Architecture, Construction, Engineering and Surveying Yearbook 2016

Welcome to the all new SPACES Yearbook, sharing with you the best in public sector buildings over the past year and cataloguing those shortlisted for our annual awards. The ethos of SPACES is founded on representing the building professionals dedicated to the design, construction and management of our best public buildings. We capture and celebrate here the creativity and imagination embedded in the best spaces made for our communities in 2016.

We live in challenging times in the public sector, but there remains a wealth of work and within the carefully crafted responses represented in this Yearbook there is great quality and value. Public buildings are for us all. Those of us who believe in the power of high quality environments work everyday to deliver and maintain spaces that help people thrive and live more fulfilling lives.

SPACES is a collaborative multi disciplinary organisation for those in the building professions working in and for the public sector. It is committed to assisting its members in achieving the highest possible standards in the development, design, construction and management of the public sector estate. If you want to know more about joining us you can do so via our website.

We are always looking for new buildings to champion in the public estate so if you have projects completing in 2016/2017 then please let us know and help us in our search for next years Civic Building of the Year.

Our congratulations go to the winners of this year's SPACES Awards including the Civic Building of the Year 2016. As part of our regional events for 2017 we are intending to arrange visits for our members to many of the shortlisted and winning buildings. If you would like to visit some of these buildings and meet like-minded individuals, we look forward to seeing you in 2017.

#### Martin Kent

President of SPACES

# SPACES

SPACES, the **S**ociety for **P**ublic **A**rchitecture, **C**onstruction, **E**ngineering and **S**urveying is a multi-disciplinary organisation formed in 2015 from the merger of SCALA, Society for Construction and Architecture in Local Authorities, SCEME, Society for Electrical and Mechanical Engineers serving local government and The CBSS, Chief Building Surveyors Society.

It is a not for profit collaborative organisation for those in the building professions who work in and for the public sector. It is committed to assisting its members in achieving the highest possible standards in the commissioning, designing, constructing, managing and maintaining of the public sector estate for the benefit of the communities they serve.

# OUR OBJECTIVES

We follow shared goals and objectives across our multidisciplinary membership:

- · To promote best practice in the delivery and running of public buildings.
- $\boldsymbol{\cdot}\,$  To develop the knowledge, skills and experience of our members.
- To develop a national multi disciplined society covering all public sector service providers.
- To shape architecture, construction, engineering and surveying matters in the public sector.
- To create a national network of professionals who benefit from each other's experience.

Our group is the only organisation in the public sector with a membership that encompasses all aspects of the property cycle from project initiation and briefing through to the management and maintenance of the finished building.





# SPACES IN NUMBERS

c. £25<sub>bn</sub>

Our membership is involved in the delivery of £25bn of public works per annum



We are the only national group that involves clients, consultants, contractors, managers and maintainers of public buildings



Our Yearbook is distributed to all local authorities in the UK



Our 2016 study day was over-subscribed and attracted 180 delegates from across all parts of the property cycle



We engage with over 10,000 professionals involved in public building works



Our members deliver projects for all parts of the public sector in the UK

# A POTTED HISTORY OF SPACES

## 1942

SPACES has a history that goes back over 74 years to the formation of the County Architects Society (CAS) in 1942, it was quickly followed in 1948 by the City and Borough Architects Society (CBAS), which closely modelled itself on CAS.

# 1959

First year book for the County Architects Society.

### 1965

From the start, CAS and CABAS had worked closely together and in November 1965 there was a first formal meeting between the two which led to a joint conference of the Executive Committees early in 1966.

## 1972

Meanwhile the Chief Building Surveyors Society (CBSS) was founded in the early 1970's, as an offshoot of CAS. Its first AGM was held on the 11th October 1972 at the RIBA, Portland Place, London. The Society was to provide a forum for surveyors, primarily engaged in the maintenance of public buildings. At the time the County Architects were keen to promote the professional status of the newly formed Chief Building Surveyors.

From the beginning the CBSS held a summer school which was the highlight of the Society year with the annual dinner and they were always well attended and supported. The first was at the CITB in Bircham Newton, the second was at the BRE in Watford.

## 1951

By 1951 The Society of Chief Mechanical and Electrical Engineers was formed by Hubert Westbrook. He became aware of the benefits to be gained by meeting with other local authority Chief Engineers in this relatively new field. It was based on a will to disseminate good practice and exchange ideas. Its formal objectives included:

- To provide a forum to discuss and promote mechanical and electrical engineering matters relating to Local Government Authorities
- To exchange information concerning professional, technical and managerial functions between members of the Society
- To make such information available to members of the Society.

# 1960

'The post of Chief Engineer was regarded as being second only to God, and having reached this pinnacle in life, a good Chief Engineer could expect to earn as much as £35 per week (£1820 per year)'.

# 1971

In the spring of 1971 the CAS/ CABAS Standing Joint Committee set up a President's Working Party, to consider the process of amalgamation and to draw up a Constitution. Much in the Working Group's mind, was a concern to reflect in the structure of the new society and the multi-disciplinary nature of the professional team in local authority practice.

# 1973

SCALA (Society for Construction and Architecture in Local Authorities) is inaugurated as a formalised joining of CAs and CBAS. Basic to the actual drafting of the Constitution was an intent to set a framework within which the new society would be able to develop organically. This meant that the Constitution should provide a minimum of restraint and allow a maximum of freedom. The Constitution therefore specifies the few things which MUST be done to regularise the society's operations and leaves unstated all other things which the society MAY decide to do at its own discretion.

### 1987

It took 36 years before the first 'year book' was published by SCEME, which appeared in 1987. Articles contained in that first edition included:

Andrew Ramsey (Secretary CIBSE) – *The Great Leap Forward*Peter Crean (Energy Manager of the year) – *Energy Management in Shropshire CC* 

The 1986 BETA Awards – the first SCEME year book was followed in 1988, by an updated version which included:

Examples of PSA Schedule of Rates for both Electrical and Mechanical Services. A report based on a co-funded a study by a firm of private quantity surveyors into the possible use of a national schedule of rates for day to day maintenance.

## 2003

First Civic Building of the Year award (CBOY). The winner was St Thomas of Aquins High School in Edinburgh.

### 2007

The first joint SCALA/ SCEME Study Day.

### 2011

In November 2011, SCEME celebrated its 60th Anniversary. A number of members and their wives attended the Palaces of Westminster for afternoon tea with Mark Prisk MP, the Minister of State for Business and Enterprise. Bourne Hill Offices wins CBOY.

# 1995

SCEME opens its membership to senior Engineers employed in Local Government, who did not hold the post of Chief Engineer.

# 1998

SCEME opens its membership to other Engineers employed in the private sector (but worked on Local Government projects) to become members (1998).

# 2000

All the societies developed their aims and objectives over the years. For example, the members of the CBSS moved from purely maintenance to become involved in asset management planning, facilities and estate management, design and modernisation. By the new millennium its broad aim had developed into:

- Enable property to support the delivery of front-line public services.
- Seek more efficient ways of procuring, managing and maintaining the property required to deliver those services.
- To promote the use of property that is appropriate for its intended use in terms of suitability, sufficiency, condition, cost, and environmental impact.
- To improve the stewardship of the environment by reducing energy and water consumption and CO2 emissions.

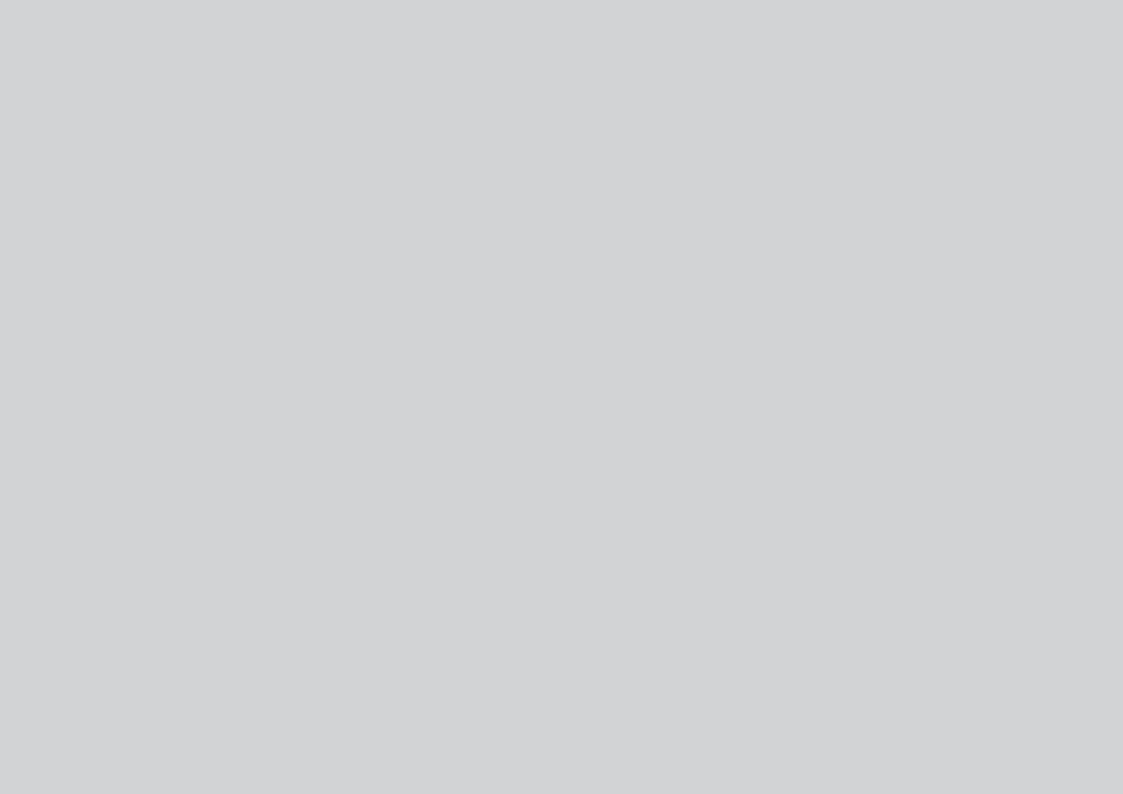
### 2010

From about 2010 the significant changes and continual cut back in departments led to a steady decline in members.

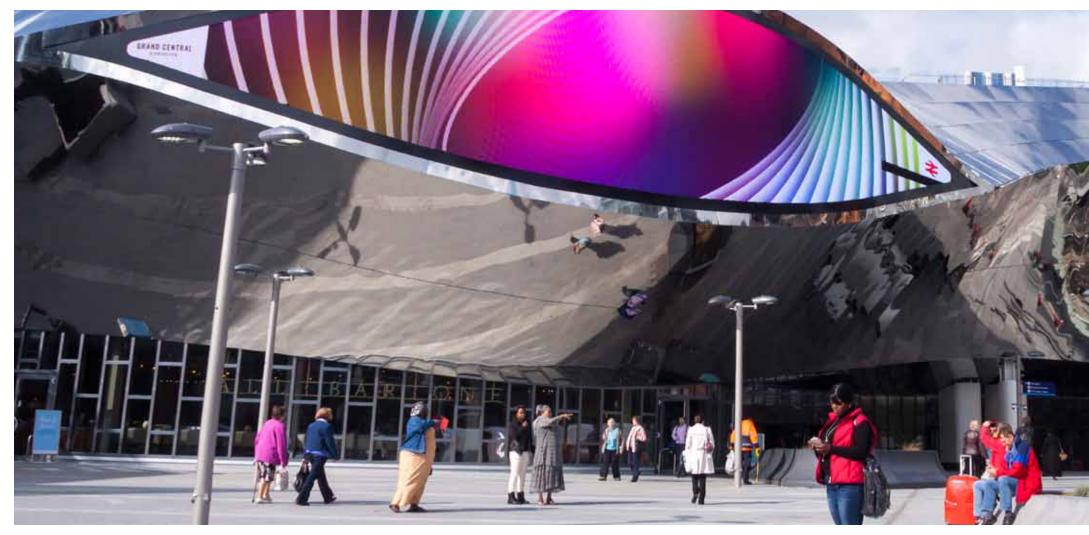
# 2015

SPACES (Society for Public Architecture, Engineering, Surveying and Construction) was formed from the amalgamation of SCALA and SCEME in April 2015. They were shortly joined by CBSS in October 2015.

Redcar Seafront and Manchester Central Library jointly win CBOY.

















BIRMINGHAM, WEST MIDLANDS | COMPLETED SEPTEMBER 2015

# BIRMINGHAM NEW STREET STATION

#### A NEW GATEWAY TO THE NEW BIRMINGHAM

Engineering innovation is core to this stunning piece of civic architecture, which kept trains serving 170,000 passengers a day running throughout the construction period. Structural, Civil and MEP engineering delivered many innovative solutions to this highly complex project, including allowing natural day light and ventilation into the station through a new ETFE atrium. The 1960's development has a new identity with its eye catching mirror facade snaking around the perimeter of the station. A modular, prefabricated 'service spine' was installed in phase 1 in just 15 days, reducing carbon emissions by 57%.

Birmingham's New Street Station is one of the UK's busiest stations which needed refurbishing, in order to offer world class access and facilities for passengers. It brings major economic benefits, creating new jobs and stimulating regeneration in Birmingham, and has transformed a controversial 1960s building into a stunning transport hub.

The aim was to bring natural day light into the station. This has been achieved by a new atrium, penetrating through the shopping centre, down to concourse level, and covered by an ETFE roof. The creation of this atrium opened up the opportunity to devise a natural ventilation solution for the concourse to replace the existing mechanical system. The integrated BMS handles the energy metering and monitoring for the distributed power, water and gas usage. The software can generate tenant billing as well as analyse the energy usage patterns.

The station and shopping centre remained open and operational throughout the redevelopment. The project has improved the passenger facilities and environment, access to the station, and links to the City. It has also improved the urban environment and developed the public realm, and is a catalyst for the regeneration of the areas south and east of the station.

**ORGANISATION:** ARCHITECT: **SURVEYOR:** ATKINS LTD ATKINS LTD **FAITHFUL & GOULD** 

CLIENT: M&E ENGINEER: **NETWORK RAIL** ATKINS LTD

**VALUE:** CONTRACTOR: £750M MACF











COLCHESTER, ESSEX | COMPLETED MARCH 2015

# COLCHESTER PARK AND RIDE

#### THE DETAILS MATTER IN A BIG IDEA

A lovely example of commitment to high architectural standards. A scheme which could have been run of the mill has been enhanced by a creative structural solution, immaculate detailing, and carefully thought through site layout.

This new facility serves commuters from outside the Colchester as well as improving connectivity to the town centre and the railway station, it also gives town residents better access to the new employment opportunities in the North Colchester business park area, without bringing more cars into the town.

Contractor Morgan Sindall is local to Colchester, and much of the sub-contracted labour came via the local supply chain. Similarly 'Local Labour in Construction' was practiced voluntarily by the contractor who employed local site operatives directly. As well as providing work for local people, the contractor also engaged with the local community in a variety of ways; ranging from issuing weekly news bulletins giving residents an update on the scheme's progress to an archaeological dig with local primary school pupils.

The building features a sedum roof can be seen from the carpark and serves to break up the visual impact of the large expanse of Tarmac. It also provides thermal mass and lower maintenance costs. Sustainable technologies include an air source heat pump feeding the underfloor heating and a treatment plant on site for the foul waste. In addition, to future proof the facility an automatic number plate recognition was developed to allow efficient customer use of the facility.

ORGANISATION: PICK EVERARD

CMP ARCHITECTS

SURVEYOR: PICK EVERARD

CLIENT

VALUE:

£4.1M

**ESSEX COUNTY COUNCIL** 

JS&H

**ARCHITECT:** 

C

CONTRACTOR: MORGAN SINDALL

M&E ENGINEER:













KIRKINTILLOCH, GLASGLOW | COMPLETED APRIL 2015

# LAIRDSLAND PRIMARY SCHOOL

#### THE FUTURE LOOKS GOOD FOR EDUCATION

The design is an exemplar template for other new schools which the local authority hope to build in the future, based on semi open plan teaching spaces off a central hall. It provides additional resources to staff and pupils with the clever use of spaces. The flexibility of the school allows the main hall to be used for various activities while the main stairs area provides additional teaching and seating used by small groups.

The new Lairdsland Primary School was jointly funded by East Dunbartonshire Council and the Scottish Government via the 'Schools for the Future' programme managed by Scottish Futures Trust, and was delivered by the Council in partnership with hub West Scotland, development partner for public bodies in the west of Scotland.

It is the 'reference design' for primary schools in Scotland. Developed on a brownfield site on the edge of Kirkintilloch town centre, it sits on the banks of the Forth and Clyde Canal and integrates with the new Southbank Marina. It is a linear two-storey building that runs east-west along the canal and provides a modern, bright and inspirational learning environment for children in East Dunbartonshire.

The design is based on meeting the educational needs of young people as set out within Curriculum for Excellence. The accommodation provides a variety of spaces for a variety of purposes, including formal learning, project based learning, small groups, display, presentation, specialist functions, and outdoor learning, as well as spaces for sport and socialising.

**ORGANISATION:** 

EAST DUNBARTONSHIRE COUNCIL

CLIENT:

EAST DUNBARTONSHIRE COUNCIL

VALUE: £7.7M

**ARCHITECT:** 

WALTERS & COHEN

SERVICES ENGINEER: MORGAN SINDALL

**CIVIL & STRUCTURAL ENGINEER:** 

WOOLGAR HUNTER

CONTRACTOR: MORGAN SINDALL

SURVEYOR: SWEET GROUP

WWW.THESPACES.ORG.UK











MOSTON, GREATER MANCHESTER | COMPLETED MAY 2015

# FC UNITED OF MANCHESTER STADIUM

#### **BUILDING A NEW TRADITION**

This striking new stadium for FC United of Manchester is testament to the determination and resilience of the Club in overcoming a range of hurdles, not least the liquidation of the main contractor. The bold use of colour on the stadium gives immediate impact on the front elevation and the simple palette of materials includes timber cladding, reflecting railway sleepers to show the train company origins of the football club.

This new 4,400 capacity stadium project includes a two storey clubhouse, community practice pitches, and associated landscaping at Broadhurst Park in North Manchester. FC United is a semi professional football club currently playing in the National League North, the sixth tier in English football. It was formed in 2005 by Manchester United supporters opposed to American businessman Malcolm Glazer's controversial takeover, and is owned and democratically run by their supporters as a co-operative.

The stadium itself comprises a large home standing terrace behind one of the goals linked to a main stand with upper seated and lower standing terrace in front, similar to the former Old Trafford paddocks, with smaller covered standing terraces on the two remaining sides. One of the most striking features of the design is the timber cladding incorporated around the perimeter of the stadium that references railway sleepers and United's Newton Heath Train Company origins. The red polycarbonate band at high level around the stadium perimeter is another unique feature that is illuminated by red LED after dark and gives this stadium a striking presence in the locality.

ORGANISATION: IBI GROUP

ARCHITECT: IBI GROUP

SURVEYOR: FWP

CLIEN

£6.3M

M&E ENGINEER: BCM

VALUE:

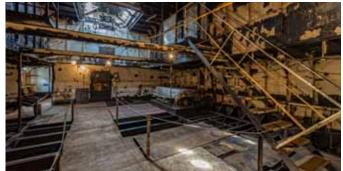
FC UNITED OF MANCHESTER

CONTRACTOR: BARNES













PORTSMOUTH, HAMPSHIRE | COMPLETED AUGUST 2015

# COMMEMORATING GALLIPOLLI HMS M33

#### REMEMBERING THE COMMUNITY'S LOSS

Creating the visitors' entrance below deck rather than conventionally onto the deck first is a key design feature. It allows entry almost directly to the engine room with its high impact audio visual display, and puts the rest of the visit at deck level into context. There has been no attempt to sanitise the below deck spaces. The internal rust has simply been stabilised and left in its raw state which further enhances the impact for visitors.

HMS M33 is permanently docked within Portsmouth's Historic Dockyard, alongside HMS Victory. The project makes the ship physically and intellectually accessible to as wide an audience as possible, through a process of conservation, restoration and providing significantly improved access, interpretation and learning facilities.

Visitors enter through a new welcome point from which they get to see HMS M33 from a key viewpoint. From here they descend 6 metres into the dry dock, by either the stairs or lift, and then along a walkway running the length of the ship and giving access to the interior spaces and exhibition.

As part of the project a diverse community and education outreach programme has been developed. This encompasses various activities and promotes more public access and a wider range of people engaging with heritage. A number of local community and school groups were consulted about, and involved with, the project. As a unique WW1 survivor HMS M33 has offered exciting opportunities to develop and enhance curatorial and learning department skills and in particular attract new volunteers.

#### **ORGANISATION:**

HAMPSHIRE PROPERTY SERVICES

#### CLIENT:

THE NATIONAL MUSEUM OF THE ROYAL NAVY (NMRN) AND HAMPSHIRE PROPERTY SERVICES

# VALUE: £2.5M

LZ.JIVI

#### **ARCHITECT:**

HAMPSHIRE PROPERTY SERVICES

#### CONTRACTOR: ML (UK) LTD

**SURVEYOR:** 

**FOCUS CONSULTANTS** 













SALFORD QUAYS, GREATER MANCHESTER | COMPLETED MAY 2015

# UTC@MEDIACITYUK

#### SHAPING A DIGITAL AND CREATIVE SOCIETY

The building sits well within the master planning concept for Media City creating the right visual impact in terms of scale and design - its identity is clear, it is a creative hub. The black box, the imaginative use of LED lighting, and the distinctive fenestration send out a clear and attractive message. This facility is the result of clear thinking about media opportunities and how to successfully integrate with the industry, and with a build cost of only £1600 per square metre.

The new University Technical College (UTC) at MediaCityUK offers 14-19 year olds from Greater Manchester outstanding learning opportunities in the fast growing creative, media, and digital industries as well as developing an entrepreneurial mindset amongst students.

Backed by a comprehensive network of partners across education and industry led by the Aldridge Foundation, The University of Salford, and The Lowry. One of the key features that makes the UTC model special is the direct link with industry, giving students the chance to work with partners in MediaCityUK.

The new 6,200 sqft building is set over four floors and is located on a key gateway site responding directly to the MediaCityUK masterplan taking advantage of the long views towards the iconic Lowry Centre tower.

It comprises three distinct elements, the most striking of which is the 'black box' with integrated LED feature lighting array housing the Film/TV Studios. In addition, the eastern general teaching block includes a series of distinctive vertical windows running the full height of the three storey block, with the central block acting as the link between the two, set back under an extended canopy/ portico to create a south facing entrance plaza.

**ORGANISATION:** 

**IBI GROUP** 

**ARCHITECT: IBI GROUP** 

SURVEYOR: BAM CONSTRUCTION UK LTD

**M&E ENGINEER:** 

CLIENT: THE ALDRIDGE FOUNDATION

RAMBOLL

**VALUE:** £10.6M CONTRACTOR:

BAM CONSTRUCTION UK LTD













WINCHESTER, HAMPSHIRE | COMPLETED MAY 2015

# THE WESTGATE ALL THROUGH SCHOOL

#### A TOUR DE FORCE LINKS OLD AND NEW

This scheme met the challenge of a very difficult sloping site, creating a seamless integration with the existing hostel building which has been transformed into the school hall. The site layout creatively enhances the connectivity with the rest of this all through school. From concept to detail the building is beautifully executed.

In line with national trends Winchester has seen a marked increase in demand for school places over the past decade. In response Hampshire County Council decided to create its first all-through school, expanding the existing Westgate Secondary School and creating an exciting new learning village.

Residents, staff, pupils and local community groups were consulted through each stage of the project's development and the resulting design re-uses and extends a redundant Boarding House on the site to create a new primary school and nursery.

The new two storey building is organised around a roof-lit atrium, providing access to the class rooms and directly into the hall created within the Boarding House. These new facilities provide greater flexibility for learning and a smoother transition for pupils between year groups, fostering a culture within which progressive learners can flourish in a secure and purposeful environment.

Externally a key design decision was the creation of a school green and street at the heart of the school site. This has dramatically enhanced the social cohesion within the whole school and within the local community. This innovative and sustainable approach to the planning of the school site promotes a stronger sense of belonging, identity and wellbeing and also creates a wider school community that is democratic, empowered and inclusive.

#### **ORGANISATION:**

HAMPSHIRE PROPERTY SERVICES

#### CLIENT:

HAMPSHIRE PROPERTY SERVICES

#### VALUE: £6.1M

ARCHITEC

HAMPSHIRE PROPERTY SERVICES

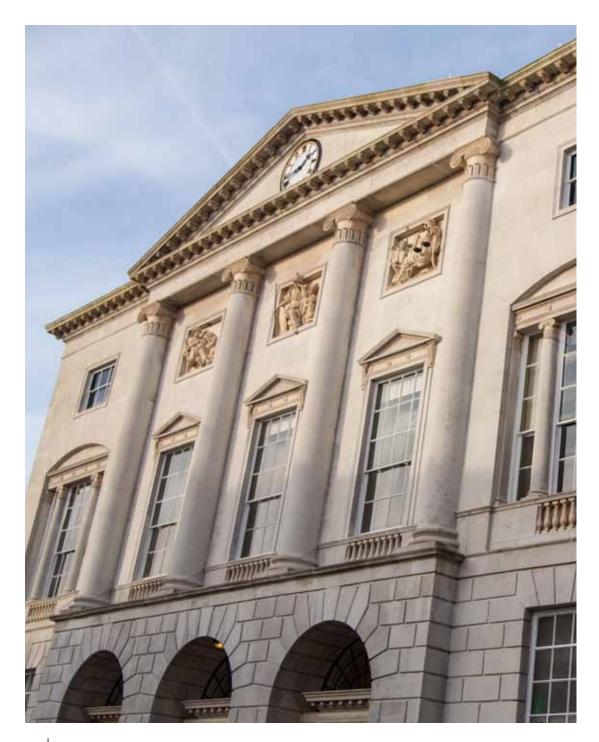
#### **M&E ENGINEER:**

HAMPSHIRE PROPERTY SERVICES

CONTRACTOR:
BALFOUR BEATTY

**SURVEYOR:** 

HAMPSHIRE PROPERTY SERVICES



#### SHORTLISTED CHELMSFORD, ESSEX | COMPLETED NOVEMBER 2014

# SHIRE HALL

#### MAINTAINING PALLADIAN ELEGANCE

The Palladian style Grade II\* listed Shire Hall in the centre of Chelmsford was completed in 1791. The classical design presents a magnificent south elevation facade of Portland stone with Coade stone detailing.

In December 2012, large sections of stone work collapsed from high level on the front and east wing. This prompted a number of investigations to understand the mechanisms of defects found, identify the materials present and to propose the remedial works required to conserve the historic fabric from further deterioration. As a result an urgent investment in a programme of essential maintenance works was implemented.

The work was developed on the basis of a minimal intervention approach, whilst retaining as much of the original historic fabric as possible. It included restoration and cleaning to all stone surfaces; replacement of corroded metal fixings to stonework; reinstatement of lost decorative features; overhaul and repairs to roofs, windows, rainwater goods and brickwork; structural repairs and strengthening works to internal timber floors and external decorations.

The work had to be sympathetically undertaken to maintain and enhance the aesthetic qualities of the building, whilst satisfying modern standards in terms of structural design and building regulations.

**ORGANISATION:** 

ATKINS LIMITED

ARCHITECT:

ATKINS LIMITED

CLIENT:

ESSEX COUNTY COUNCIL

**CONTRACTOR:** 

**SURVEYOR:** 

NOBLE AND TAYLOR (ONGAR) LTD

VALUE: £1M

ATKINS LIMITED

ESSEX | COMPLETED OCTOBER 2015

# WASTE TRANSFER STATIONS

#### INDIVIDUALS MAKE THE DIFFERENCE

Essex County Council required a network of five transfer stations across Essex to support the implementation of their new Mechanical biological treatment facility in Basildon. Farrans Construction Ltd were appointed through the SmarteEast framework to design and build Harlow and Great Dunmow, and to obtain planning approval, design and build Braintree, Chelmsford and A120.

Following performance issues on the Harlow project Farrans made positive changes including the appointment of Jason Starling and Mark Kendall as Contract Managers with support from Andrew Purdy and Paul Stonebridge.

These four did not let the performance issues deter them. They were all keen to build Farrans' reputation and took it upon themselves to turn things around, which they did immediately. All projects were turned around and delivered on budget and on or ahead of programme, by up to 5 months.

Christina Halls, Essex County Council Infrastructure Delivery, said,

"From a client perspective they were all a pleasure to work with. They kept in constant contact, responded to requests and questions promptly. For the 16 years I have been doing this job, these are the best site agents I have worked with and I truly thank them for making my job so much easier. They were all a pleasure to work with".

**ORGANISATION:** 

ESSEX COUNTY COUNCIL

CLIENT:

ESSEX COUNTY COUNCIL

VALUE: £21M **CONTRACTOR:** 

FARRANS CONSTRUCTION LTD

**SITE MANAGER:** 

FARRANS CONSTRUCTION LTD









EXETER, DEVON | COMPLETED AUGUST 2015

# ST LEONARDS PRIMARY SCHOOL

### SKILL AND EXPERIENCE CREATES **EXEMPLARY DELIVERY**

The panel were impressed with the way the site manager had not only worked closely with the school, but also the local community and the neighbouring Royal Academy for Deaf Education, to achieve a very good outcome. The linking in and engaging with the students relating to the site hoarding, H&S talks and poster competition, are over and above what you would perhaps consider the normal role of the Site Manager to include.

This £1.4m school extension project is a great showcase in demonstrating core skills and experience, working with a key client on an important framework. Site Manager Tony Northcott, Assistant site Manager Lewis Mallet, along with the Kier and NPS project teams delivered the CFSW project on time, on budget, and acheived a 45 CCS score and a PSI award

Chris Cooper, Project Officer - Built Environments Team, Devon County Council said: "I would like to place on record my gratitude to you and your team for the exemplary manner in which the St Leonard's contract has been conducted over the last eight months and for the exceptional quality of the finished building (for which Tony and his team deserve special commendation) which must rank up there with some of the best I have ever seen."



**NPS GROUP** 

**M&E ENGINEER: NPS GROUP** 

CLIENT:

**DEVON COUNTY COUNCIL** 

CONTRACTOR:

KIER CONSTRUCTION

VALUE: £7.9M

SURVEYOR: NPS GROUP

**ARCHITECT:** 

**NPS GROUP** 







# THE OAKWOOD CLOCK

#### LANDMARK RESTORATION

Although this is a small scheme, it was very complex with little room for manoeuvre. Funding was tight but the critical point was the deadline for completion "The Lord Mayor was booked". Stakeholders were closely involved with the project, which we believe resulted in a successful outcome providing significant benefit to the local community.

This £290,000 project fully restored an important dilapidated Grade II listed local landmark. The clock was originally sited in Kirkgate in Leeds and its significance derived from its association with William Potts, a well-known Leeds clockmaker.

The restoration involved the removal of the timber colonnade and plain clay tiled roof and replacement with a powder coated steel 'Victorian Style' colonnade with a lead effect steel roof. The clock tower required dismantling and shipping to a specialist clock restorer who repaired and restored the cast iron tower panels and clock mechanism, re-gilded the ornamentation, and cleaned and serviced of the clock mechanism. The internal steel frame was replaced and new foundations and a new circular base for the tower and seating area were created using the existing stone kerbs. New lighting illuminates the features of the tower during the evenings.

The work had very tight deadlines to meet the date of a major event with the Lord Mayor of Leeds officially opening the completed project. It was community based, with the local residents and traders association (OTRA) raising over half the funds for the project, including a £100,000 of grant aid from the Heritage Lottery Fund, with Leeds City Council provided the remaining funding.

ORGANISATION: NPS GROUP

CLIENT:

LEEDS CITY COUNCIL

VALUE: £0.3M M&E ENGINEER: NPS GROUP

**CONTRACTOR:** 

CIVIC ENTERPRISE LEEDS

SURVEYOR: NPS GROUP





BASINGTOKE, HAMPSHIRE | COMPLETED MARCH 2015

# CASTLE HILL JUNIOR SCHOOL

#### SYSTEMATIC REFURBISHMENT FOR SCOLA

The Post War Baby Boom created an enormous need for new schools in the late '50's and '60's. Because of a lack of traditional skilled labour and materials many local Authorities formed Consortia such as CLASP, SEAC, and SCOLA to develop prefabricated building systems to meet this demand. Although they differ in detail, all have lightweight steel framed structures and lightweight cladding, partitioning and window systems. In the 1960's Hampshire used the SCOLA System for over 450 buildings.

The main external components including the roof, cladding, windows and doors, had a predicted lifespan of 25 years, and 50 plus years later, have far exceeded that lifespan.

Hampshire Property Services undertook an innovative holistic review and designed an insulated lightweight composite over-cladding system for use with all its SCOLA buildings. The major structural elements of the building are all re-used.

To date 106 SCOLA buildings have undergone recladding and refurbishment, and there are a further 18 on site or in the pipeline at the moment. The result of this programme is that the buildings are brought into the 21st century in terms of look, feel and sustainability. The accompanying photos illustrate the use of the system at Castle Hill School.

#### ORGANISATION:

HAMPSHIRE PROPERTY SERVICES

#### CLIENT:

HAMPSHIRE COUNTY COUNCIL

#### VALUE:

£1.91M

#### **ARCHITECT:**

HAMPSHIRE PROPERTY SERVICES

#### M&E ENGINEER:

HAMPSHIRE PROPERTY SERVICES

#### CONTRACTOR:

BRYMOR CONSTRUCTION LIMITED

#### **SURVEYOR:**

HAMPSHIRE PROPERTY SERVICES



# FLETTON HOUSE

# REGENERATION BOOSTS BUZZ AND PROFILE

Appointed through the Scape Framework, Faithful and Gould provided lead consultant and multi-disciplinary services for the refurbishment and extension of a redundant former Victorian Infirmary building to create a Community Hub for Oundle.

An early collaboration approach allowed the design to develop in smoothly, rather than oscillating between pragmatism and a client's preferred option.

Once target costs for the preferred option and design had been agreed, and the rest of the supply chain were appointed, the contractor started on site and the project proceeded. The building now houses facilities for all parts of the community including pre-school, youth club, dance/fitness studio, community hall/council chamber, art/craft/activity room, community kitchen, coffee shop, offices for Oundle Town Council, the Registrar and voluntary organisations, rooms for meetings/training/classrooms and a therapy room.

Fletton House's contribution to the wider economic development of Oundle is that of an anchor tenant. In providing a hub of mixed-use facilities, it has boosted the footfall, buzz, image and profile of the area.

ORGANISATION: FAITHFUL+GOULD

CLIENT:

**OUNDLE TOWN COUNCIL** 

VALUE: £0.9M **CONTRACTOR:** JEAKINS WEIR

SURVEYOR:

FAITHFUL+GOULD







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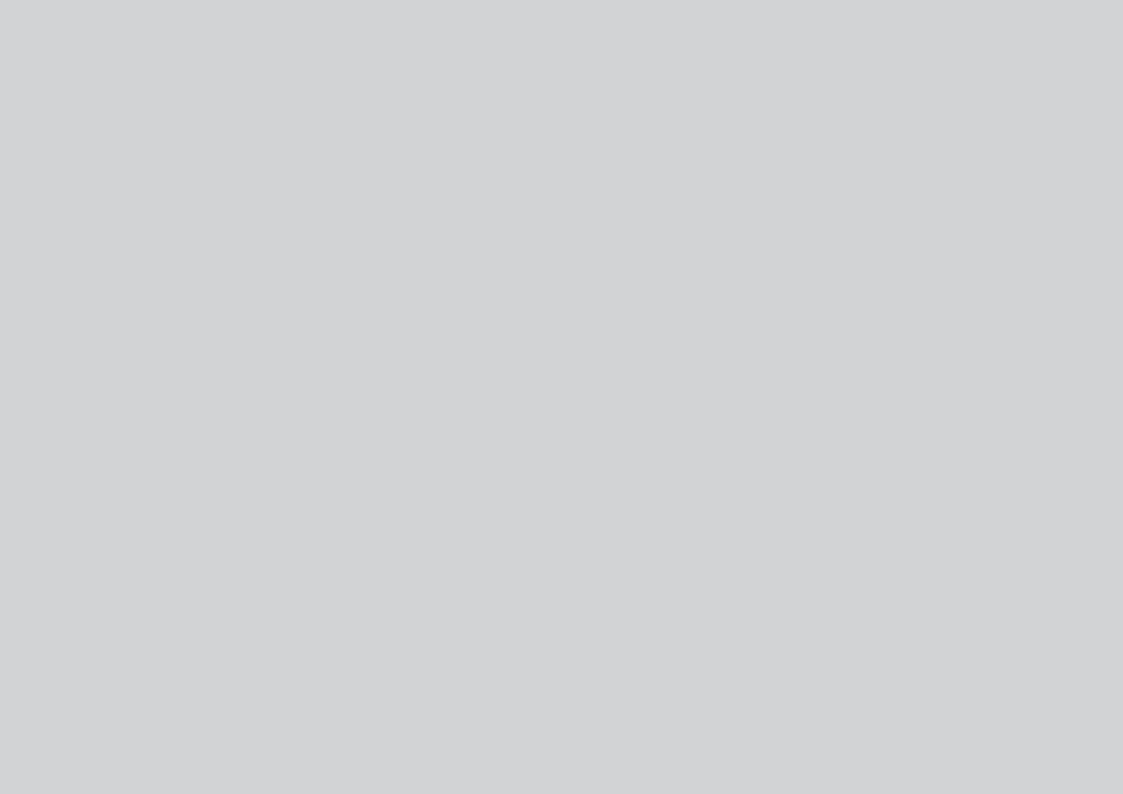
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NOMINATIONS

## SCOTLAND & NORTH EAST



### CANARY DRIVE

#### **CREATING NEW HOMES** IN A DIFFICULT SPACE

The Canary Drive Housing project has provided much needed residential homes for the over 55 age group in Gilstead. The apartments were constructed on a steeply sloping site and have an over/under arrangement so each unit has level access directly to an external garden area at the front of the property. In addition the units with a north facing garden have a south facing balcony.

The accommodation was arranged around 2 courtyards which allowed passive supervision of the car parking and encourage social interaction. Large external spaces around the site have been developed into communal gardens and it is hoped the community association will develop these further into allotments.



ARCHITECTURAL SERVICES CBMDC

CLIENT:

HOUSING SERVICE

VALUE:

ARCHITECT:

CITY OF BRADFORD MDC

BRADFORD COUNCIL

£3.8M

**CURTINS** 

CONTRACTOR:

STRUCTURAL ENGINEER:

KEEPMOAT REGENERATION LIMITED

SURVEYOR:

**VB JOHNSON** 

## ARDGOWAN PRIMARY SCHOOL

#### **EDUCATION GOES BACK TO THE FUTURE**

This project refurbished and extended the school to 420 places with a total floor area of 3,300 sq.m. The original 1896 School building was extended in 1915 and 1959. As well as fabric and services work refurbishment also involved the lowering of floor levels in the central block to improve internal accessibility by eliminating stairs created by the various extensions.

The original building had separate boys and girls entrances which created a security issue. The Design therefore established one of the doors as the primary entrance, and highlighted it with a courtyard as a focal point. It gives access to a semi-public zone for staff, administration functions, visitors and parents and creates a security zone for the educational spaces deeper in the building.

A new large assembly and sports hall was located at the west wing to provide a sense of enclosure at the new entrance courtyard. Its location adjacent to the semi-public zone allowed its use by the Community without affecting the inner security zone of the education wing. The School is in a Conservation Area and there was a great local interest in the design, materials and colour palette of the extension.

**ORGANISATION:** 

INVERCLYDE COUNCIL

CLIENT:

INVERCLYDE COUNCIL

**VALUE:** 

£5.9M

**MECHANICAL ENGINEER:** 

THE HAWTHORNE BOYLE PARTNERSHIP LIMITED

ARCHITECT, SURVEYOR, STRUCTURAL AND ELECTRICAL ENGINEER:

LEGAL & PROPERTY SERVICES, INVERCLYDE COUNCIL

CONTRACTOR:

CENTRAL BUILDING CONTRACTORS (CBC), GLASGOW







### WAREHOUSE 9

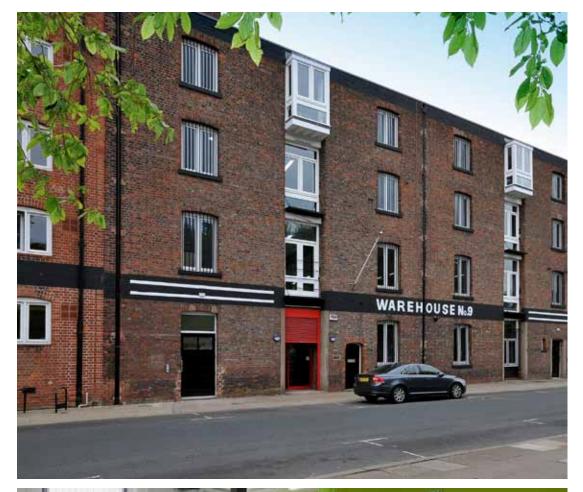
## CREATIVE REUSE DELIVERS A NEW WORKPLACE

Warehouse No 9, alongside Queen's Gardens in Hull, is a Grade II listed four-storey building and is one of only two surviving warehouses that served Queen's Dock until 1930 when the dock was filled in. It was subsequently divided into managed office spaces and had stood empty for over two years.

The project demonstrates how an historic building can be brought back into use as a contemporary office space, meeting current workplace legislation and building regulations whilst retaining its key features.

The original timber beams and cast iron columns have been revealed and the spaces opened up to natural daylight and ventilation. Essential building repairs and replacements to windows, roof and brickwork were sensitively done to ensure that the building's external appearance remains as close as possible to the original.

New energy efficient mechanical and electrical systems were installed with a new single-storey external plant room in the yard and mechanical ventilation equipment on the flat roof to maintain appropriate working conditions on the upper floors.





ORGANISATION: NPS GROUP

**CLIENT:** 

**HULL CITY COUNCIL** 

**VALUE OF PROJECT:** 

£1M

**ARCHITECT:** NPS GROUP

**M&E ENGINEER:** 

NPS GROUP

CONTRACTOR:

VOASE BUILDERS LTD

SURVEYOR:

**NPS GROUP** 

### VALLEY DRIVE

## AFFORDABLE HOUSING GROWS THE COMMUNITY

The Valley Drive Housing project was developed as a mixed tenure scheme providing much needed affordable housing in Ilkley. Externally there is no difference between the private and rented units and the residents have successfully settled into their new homes.

There are a number of different sized houses on the site, each designed for its setting. The larger units have balconies overlooking the Moors and all the living accommodation is arranged on the south side of the dwelling to benefit from free heat and light gains. Solar panels complement the well-insulated, airtight construction to create low running costs for the occupiers.

Profits from the sale of the houses on this site have been invested in further affordable housing across the district for the Council.

**ORGANISATION:** 

ARCHITECTURAL SERVICES CBMDC

CLIENT:

BRADFORD COUNCIL HOUSING SERVICE

VALUE:

£4.1M

ARCHITECT:

CITY OF BRADFORD MDC

STRUCTURAL ENGINEER:

**CURTINS** 

CONTRACTOR:

KEEPMOAT REGENERATION LIMITED

SURVEYOR:

VB JOHNSON









### LANE END PRIMARY

#### SCHOOL PUTS SUSTAINABILITY TO THE FORE

NPS was commissioned to undertake a multi-disciplinary design and delivery of a new 2 Form Entry and 26- nursery place Primary School based at the site of the former South Leeds Sports Centre, situated near the M621. It is part of Leeds City Council's Childrens Services Basic Needs Programme.

The School, which is set to achieve a BREEAM 'Very Good' Standard, is built by Interserve Plc with the project being managed by NPS.

The School has been landscaped with a multi-use games area, as well as soft play and habitat areas. The brise soleil at the rear of the school provides an architectural feature which reduces heat gain within the building by filtering direct sunlight on the southern façade whilst forming shaded teaching areas flowing from the ground floor classrooms.

Brick fin-walls act as a sound barrier from the adjacent motorway, enabling a passive ventilation strategy using opening windows whilst maintaining ambient noise at reasonable levels internally.

The building creates a striking form as seen from the motorway whilst also ensuring a safe, comfortable and enjoyable environment for children, staff and visitors alike.



CLIENT:

LEEDS CITY COUNCIL CHILDREN'S SERVICES

**VALUE OF PROJECT:** 

£5.9M

ARCHITECT: **NPS GROUP** 





## **NPS GROUP**

NPS GROUP

**CONTRACTOR:** INTERSERVE PLC

**M&E ENGINEER:** 

**SURVEYOR: NPS GROUP** 

## LITTLE LONDON PRIMARY SCHOOL

#### SCHOOL CREATES A MULTI-USE EXPANSION

This project involved the design of a new 3 Form Entry, Key Stage 2 School extension with a maximum capacity of 360 pupils, the refurbishment and alterations to the existing Little London Community Primary School to become a 3 Form Entry Key Stage 1 School, and the design of a new Community and housing Office.

The new building is split between the Community Centre and the Housing Office, with shared entrance, WC, plant and caretaker facilities. Both the Community Centre and the Housing Office are independently operated by separate user groups. The new Community and Housing Office is sited to overlook the public children's play area on the opposite site of Meanwood Street, and provide a clear, urban edge along this section of Oatland Lane.

The internal reconfiguration of the existing Little London Community Primary School had to be done with the minimum of disruption to provide a 3 Form Entry/Key Stage 1 layout. The accommodation provides a 3 Form Entry Reception, Year 1 and Year 2 class bases with supporting curriculum teaching areas.

ORGANISATION:

NPS GROUP

CLIENT:

LEEDS CITY COUNCIL CHILDREN'S SERVICES

VALUE:

£5.4M

ARCHITECT: NPS GROUP **M&E ENGINEER:** 

**NPS GROUP** 

**CONTRACTOR:** 

WATES CONSTRUCTION

**SURVEYOR:** 

**NPS GROUP** 









## JONATHON SILVER BUILDING

#### **HULL'S GREEN REGENERATION**

The centre provides a purpose built contemporary educational setting for young people who have high needs and incorporates a new glasshouse complex for horticultural students.

The modern design draws upon and adds to it's World Heritage Site context without challenging the neighbouring buildings. This has been achieved using a harmonised palette of natural materials including locally quarried stone, zinc roofing to simulate Victorian lead roofing and a living roof.

The building is highly insulated, it only requires a small domestic boiler for heat and it is passively ventilated using stacks that emulate the surrounding chimneys prominent within Saltaire. The heat which is generated as a by-product from the server room chillers is used to heat the new greenhouse complex in the cooler months.







#### **ORGANISATION:**

RANCE BOOTH SMITH ARCHITECTS

#### CLIENT:

SHIPLEY COLLEGE

**VALUE OF PROJECT:** 

£2M

**ARCHITECT:** 

RANCE BOOTH SMITH

**ARCHITECTS** 

#### **M&E ENGINEER:**

PRESTON BARBER

#### **CONTRACTOR:**

TRITON CONSTRUCTION LTD

#### SURVEYOR:

DERRICK KERSHAW PARTNERSHIP

#### **CIVIL AND STRUCTURAL**

**CONSULTANTS:** 

ADEPT CONSULTING ENGINEERS LTD



## NOMINATIONS

## NORTH WEST



## CLARENDON SIXTH FORM COLLEGE

#### **VISIONARY EDUCATION**

The Clarendon Sixth Form College is located in Ashton-under-Lyne Town Centre, and represents the first phase of the 'Vision Tameside' project by Tameside College in partnership with Tameside Metropolitan Borough Council.

The building location maximises the benefits of the recently developed train, bus and tram transport hubs in the centre of Ashton.

The development brings together three areas of study: A Levels, digital and creative skills, and performing arts. It accommodates state of the art new facilities including laboratories, media suites and digital arts spaces for students preparing to take their place in the fast developing digital and technology economy.

In addition to bright new learning spaces and student social spaces, there is a new theatre, dance studios and workshops for students. The theatre is able to accommodate touring and community theatre projects as well as student performances.







ORGANISATION: IBI GROUP

CLIENT:

TAMESIDE COLLEGE

VALUE: £8.2M

ARCHITECT: IBI GROUP

**M&E ENGINEER:** 

WATERMAN GROUP

CONTRACTOR:

KIER CONSTRUCTION

SURVEYOR:

**EC HARRIS** 

## ADVANCED TECHNOLOGY CENTRE

#### CREATING EXCELLENT ENGINEERS

The Advanced Technology Centre (ATC) is located on Blackpool and The Fylde College's principal campus at Bispham, Blackpool and is a 3,200sqm GIA further education facility for the School of Engineering. The accommodation includes automotive engineering, research and development and advanced manufacturing and applications (robotics, pneumatics, hydraulics, and CAD/CAM).

The design concept was to form strong geometrical elevations that appear to be cut from a template to reflect the idea of a precision engineered façade being modelled by some of the technologies the building accommodates. The curved roof and front façade provide interest and are complemented by high quality hard and soft landscaping which draws you towards the focal point of the entrance.

The building incorporates sustainable technologies and renewable energy initiatives to a BREEAM Excellent standard to reduce energy consumption and create an efficient and sustainable learning environment for the delivery of STEM skills to meet local and regional economic needs.

ORGANISATION:

**IBI GROUP** 

**CLIENT:** 

BLACKPOOL AND THE FYLDE COLLEGE

**VALUE:** 

£5.5M

ARCHITECT: IBI GROUP

**M&E ENGINEER:** 

JRB ENVIRONMENTAL DESIGN LTD.

**CONTRACTOR:** 

JOHN TURNER CONSTRUCTION GROUP

SURVEYOR:

ARCADIS GROUP









## HARRABY **COMMUNITY CAMPUS**

#### FOUR COMMUNITY GROUPS COME TOGETHER UNDER ONE ROOF

Harraby Community Campus is a BREEAM 'very good' hybrid building, incorporating a three form primary school, two early years' nurseries, a Community Centre, refurbished arts theatre, cafe, Children's Centre and a soft play area hosted by Barnardos, funded by investment from Cumbria County Council and Carlisle City Council.

Our challenge was to bring 4 distinct groups into a new environment, encouraging sharing of space and resources amid an increased sense of community.

The campus is articulated as a series of pavilions. Each pavilion is crowned by a translucent lantern that defines internal spaces for gathering under the light, creating focal points within the internal programme.

This team worked closely with stakeholders and contractor Laing O'Rourke to create a community of buildings whose physical form speaks of the values and aspirations of the project. This allowed them to create a series of repeatable building templates which can be modified to suit the individual requirements of the users.







**ORGANISATION:** 

ATKINS LTD

CLIENT:

**CUMBRIA COUNTY COUNCIL** 

VALUE:

£13.6M

**ARCHITECT:** ATKINS LTD

**M&E ENGINEER:** 

ATKINS LTD

**CONTRACTOR:** 

LAING O' ROURKE

SURVEYOR:

LAING O' ROURKE

### BINFOLD CROFT

#### SENSITIVE DESIGN CREATES **AFFORDABLE LIVING**

Binfold Croft is new build development of ten houses to assist in the need for affordable housing in Kirkby Lonsdale. Planning applications for the site had been rejected over 25 years, until this sensitive and innovative scheme.

The site was classed as 'highly sensitive' due to its proximity to one of the Yorkshire Dale's most popular tourist attractions Devil's Bridge. It is surrounded by sheltered housing to the north, residential houses to the west and fields to the south and east. It is dominated by two big trees, including, a London Plane, which is under a tree protection order.

The layout was designed to not interfere with existing views or privacy. No building is higher than two storeys and generous distances have been kept between the proposed dwellings and adjoining properties.

The materials reflect those used locally; local stone boundary walls and gables, white render and untreated cedar cladding for the façades, and grey slate for the roofs.

Each house has PV panels, and each garden contains a surface water soakaway to improve the drainage situation. A permeable paving surface was used for the road and all hard standings are drained into soakaways.

ORGANISATION:

**NPS GROUP** 

CLIENT:

SOUTH LAKES HOUSING

**VALUE:** £1.7M

ARCHITECT: **NPS GROUP**  **M&E ENGINEER:** 

CONTRACTOR'S DESIGN

**CONTRACTOR: ESH GROUP** 









### MOORSIDE PRIMARY SCHOOL

## AN ELEGANT FORM RESPONDS TO A BASIC NEED

This extension comprises 3 single story standardised blocks located at each end of the existing wings, allowing the current year groups to be clustered together and share resources. The expansion will allow the school to fulfil a basic need in the local area, growing from 420 pupil places to 630.

The buildings are positioned at the top of an underutilised sloping part of the site, giving the class bases commanding framed views of tree lined fields to the South. Each block contains 2 class bases with direct external access out onto the new artificial grass covered quad, a shared internal resource space, disabled toilet and a light glazed 'Link' with 2 pairs of double doors connecting the blocks together via a series of level access external paths.

The steel framed structure is clad in a Trespa panel system, based on a standard sheet size to minimise waste, with powder coated aluminium opening windows to the front and rear of the rooms to assist natural cross flow ventilation, the design also incorporates large overhangs and brise soleil to reduce solar gains.

#### **ORGANISATION:**

LANCASHIRE COUNTY COUNCIL – DESIGN AND CONSTRUCTION

#### CLIENT:

LANCASHIRE COUNTY COUNCIL

#### VALUE:

£2.3M

#### ARCHITECT:

LANCASHIRE COUNTY COUNCIL

#### **M&E ENGINEER:**

LANCASHIRE COUNTY COUNCIL

#### CONTRACTOR:

WALTER CAREFOOT PLC

#### SURVEYOR:

LANCASHIRE COUNTY COUNCIL

## ISTEM BUILDING

## INNOVATIVE LEARNING FACILITATES SCIENCE AND TECHNOLOGY

This new 4260sq.m. building is designed to facilitate innovative multi-disciplinary learning through Science, Technology, Engineering and Mathematics. It is sited and designed to enhance the campus's main entrance, in order to signal STEM's importance, raise overall perception and increase learner ambition.

STEM includes 'Live Briefs' and 'Real World' experiences. Examples of which could be anything from a Space Shuttle launch to the formulation, production and delivery of a new beauty product.

The institution's innovative cross-campus approach to STEM has led to a highly flexible design with large span spaces that can be adapted and reconfigured to suit evolving ways of learning. The building design maximises natural ventilation and incorporates low energy technologies such as exposed thermal mass, photo-voltaic panels and wind turbine.

ORGANISATION: IBI GROUP

**CLIENT:** 

PRESTON'S COLLEGE

VALUE: £7.5M

ARCHITECT: IBI GROUP

**M&E ENGINEER:** 

CLANCY

CONTRACTOR:

KIER CONSTRUCTION

SURVEYOR:

DTZ









## SIR TOM FINNEY COMMUNITY HIGH SCHOOL

## NEW FACILITIES SUPPORTING SPECIAL EDUCATIONAL NEEDS

The project included the remodelling of an existing school premises of approximately 3,760 sq.m. to become the site for the re-location of the Sir Tom Finney Community High school providing teaching facilities for pupils with a wide range of profound special needs. The work was undertaken over a 13 month construction period and included the partial demolition of existing buildings, internal alterations and re-ordering together with a new-build Post-16 teaching facility and specialist hydro-therapy pool to deliver a curriculum suitable for the needs of the pupils.

#### ORGANISATION:

LANCASHIRE COUNTY COUNCIL

#### CLIENT:

LANCASHIRE COUNTY COUNCIL

#### VALUE:

£5.9M

#### ARCHITECT:

LANCASHIRE COUNTY COUNCIL

#### **M&E ENGINEER:**

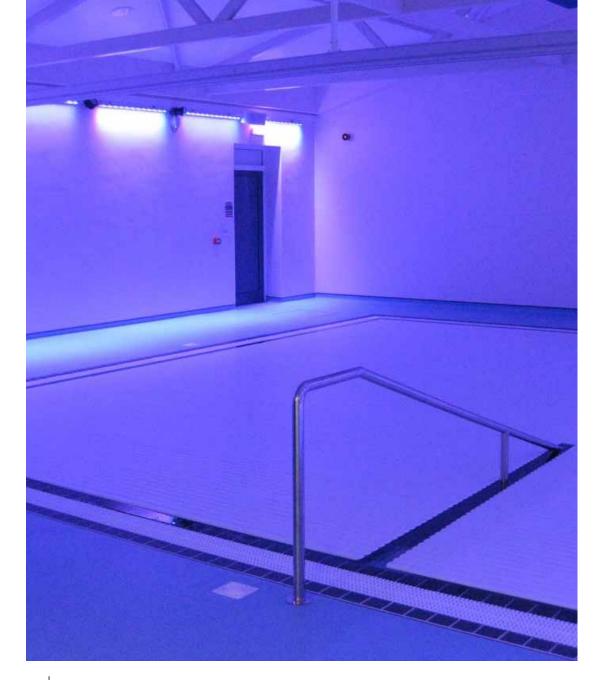
LANCASHIRE COUNTY COUNCIL

#### CONTRACTOR:

CONLON CONSTRUCTION LTD

#### SURVEYOR:

LANCASHIRE COUNTY COUNCIL



### WEST LANCS YOUTH ZONE

#### THE BEGINNINGS OF REGENERATION

The scheme is the first stage of a regeneration masterplan for the central area of Skelmersdale and the brief called for a commercial high street appearance that would stand out.

The variety of claddings is designed to give the building a dynamic contemporary feel as the first stage in the Town Centre regeneration. The large translucent glass screen on the Dance studio cantilever is illuminated with LEDs built into the vertical joints of the glass panels to enhance the appearance of the building when approaching from the Concourse and viewed from the elevated bus station. In addition, one window on the north elevation has multi-coloured tubes running full height as a design feature.

The building incorporates various rooms for a range of activities, including a dance studio, a main youth room, an outside fenced games area, and office areas for the staff.

The existence of underground services constrained the site layout and led to an 'L' shaped building which cradles the outside sports area. To achieve the best use of the site and create a sheltered area outside the main youth room, and to give the building additional character, the dance studio which overlooks the adjacent shopping concourse and bus station has been cantilevered.

#### **ORGANISATION:**

LANCASHIRE COUNTY COUNCIL

#### CLIENT:

LANCASHIRE COUNTY COUNCIL

#### **VALUE:**

£2.2M

#### ARCHITECT:

LANCASHIRE COUNTY COUNCIL – DESIGN & CONSTRUCTION

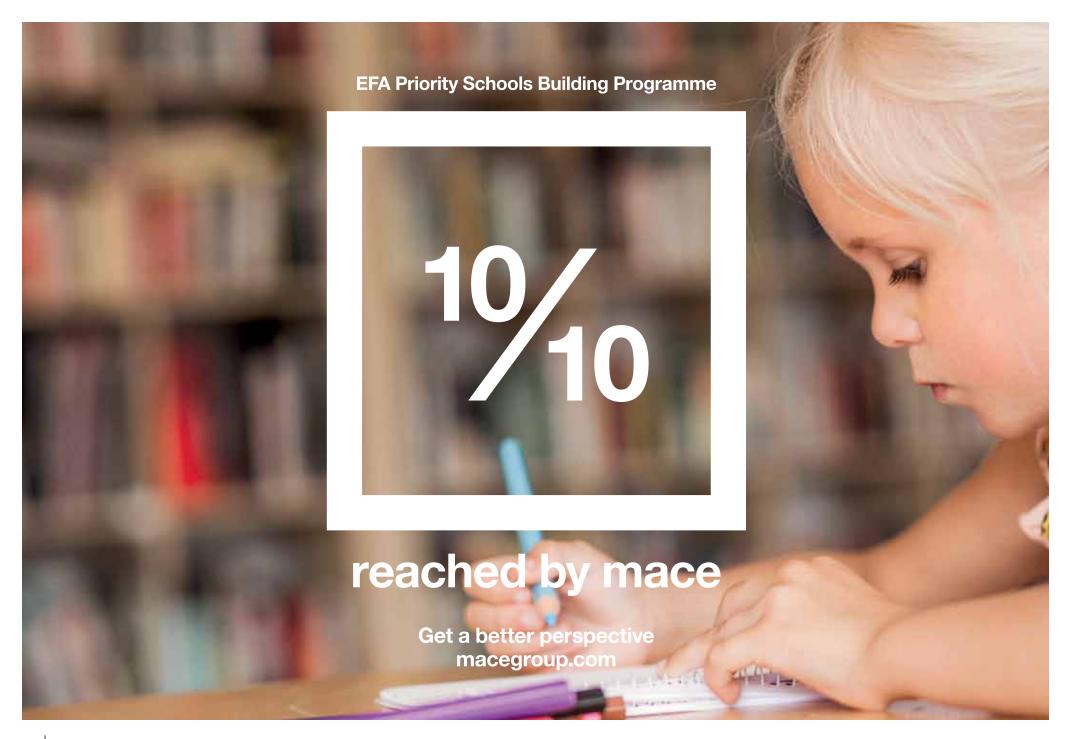
#### **M&E ENGINEER:**

WARMSLEY ASSOCIATES

#### CONTRACTOR:

WARDEN CONSTRUCTION LTD







## NOMINATIONS MIDLANDS



### CITY HALL

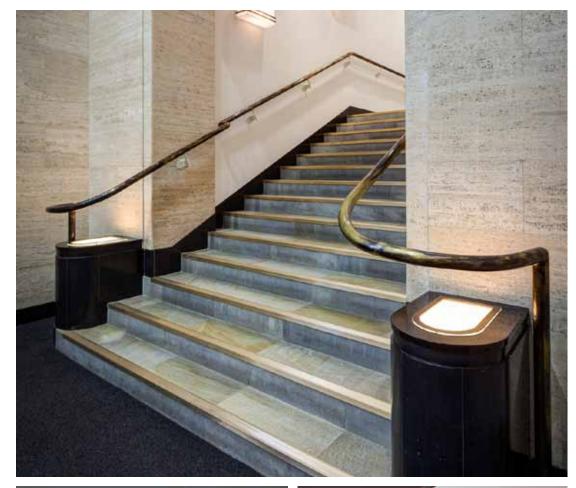
## NEW ACCOMMODATION REJUVENATE ARTE DECO SURROUNDINGS

The project has created new staff office accommodation, meeting rooms and break out facilities, the new civic areas include offices for the Mayor and Assistant Mayor, Committee Rooms, a presentations suite and a main hall function room.

The team worked closely with the main contractor and local supply chain to ensure that the original 1930s Art Deco features in the Civic Areas of the building were recreated or restored.

It has successfully introduced and accommodated open plan working, creating a positive and progressive workspace. The key to this achievement has been the close liaison between the staff and design team in the design of their workspaces, resulting in a sense of pride in their new working environment.

Period features and finishes were retained where possible, and enhanced by sympathetic design. The interior design works successfully with the retained features of the building to create an exciting arrangement of spaces with a dignified civic appearance.







ORGANISATION:

FAITHFUL+GOULD

**CLIENT:** 

LEICESTER CITY COUNCIL

VALUE: £11M

**ARCHITECT:** FRANK ELLIS

M&E ENGINEER:

CJR MIDLANDS

CONTRACTOR: WILLMOTT DIXON

SURVEYOR:

FAITHFUL+GOULD

## GAINSBOROUGH PRIMARY SCHOOL

## ACADEMY CREATES AN EXPANDED EDUCATION

Constructed by Willmott Dixon on a Design and Build Contract on a brown field site, this new school has enabled the Tall Oaks Academy Trust to provide further primary education places within Gainsborough.

All the classrooms are arranged along the south side in a single wing, and relate to a central circulation spine providing space for informal learning areas. The design of the roof form provides good shading in summer and roof-lights provide day lighting deep into the plan.

The accommodation includes a large multi-purpose assembly hall with a semi sprung floor, a kitchen and servery area, a separate breakfast club area, and staff and reception facilities. The design allows for the secure Community Use of the core facilities and the hall.

The building is well lit and ventilated using passive ventilation delivered through the section and the use of contemporary materials has resulted in a low maintenance, energy efficient envelope.

**ORGANISATION:** 

MOUCHEL PART OF THE KIER GROUP

CLIENT:

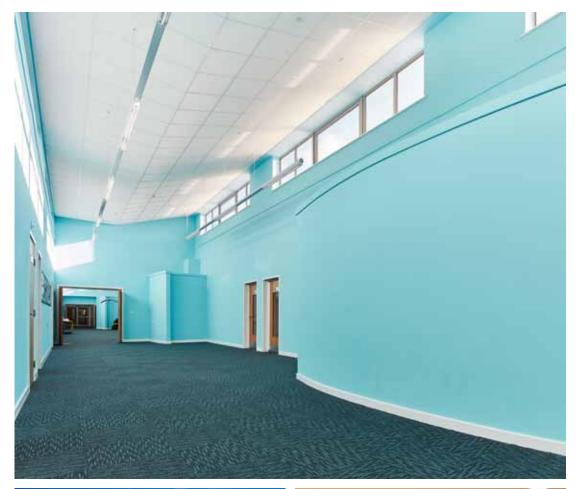
LINCOLNSHIRE COUNTY COUNCIL

**VALUE OF PROJECT:** 

£3.2M

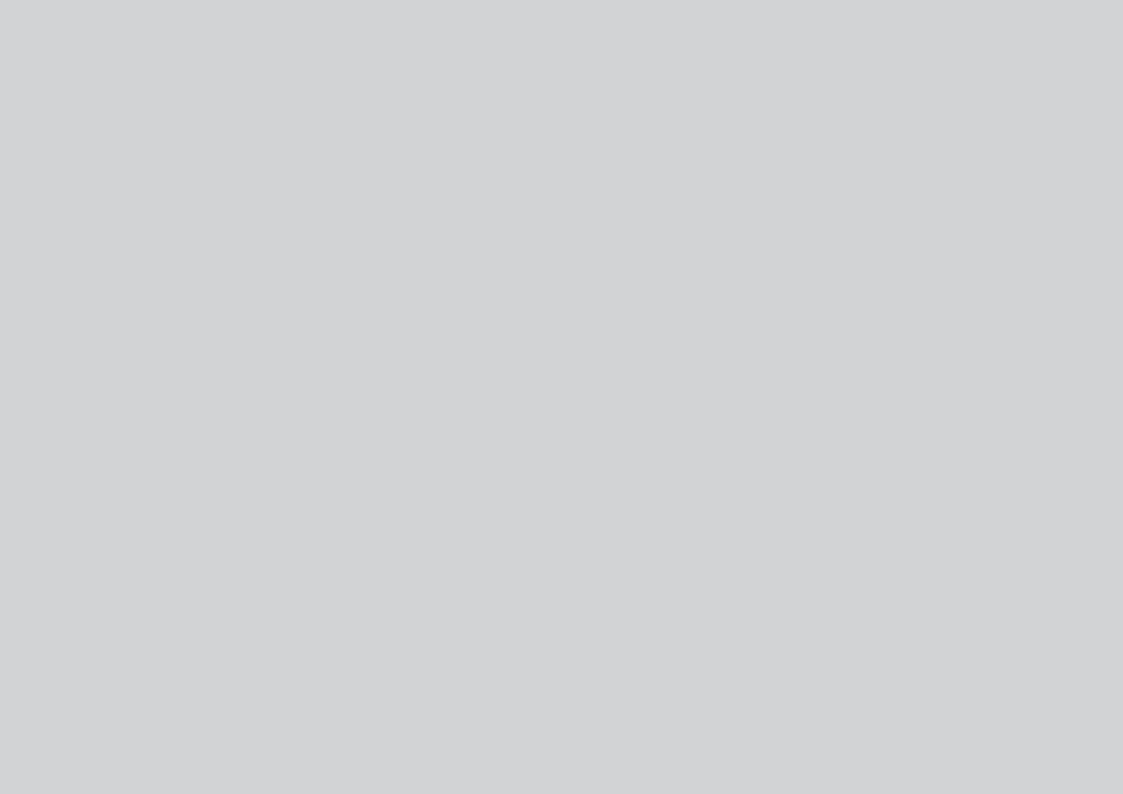
ARCHITECT: MOUCHEL

M&E ENGINEER: MOUCHEL











## EFA SCHEMES

## THE PRIORITY SCHOOL BUILDING PROGRAMME

The Education Funding Agency's Priority School Building Programme (PSBP) is rebuilding and/or refurbishing those school buildings in the very worst condition across the country. There are two phases of the programme covering a total of 537 schools. The PSBP is providing facilities fit for the 21st century, including bright classrooms, inspiring libraries and specialist music facilities.

240 construction contracts have been signed and 142 schools have now opened in their new and/or refurbished buildings. The vast majority of the 260 schools in the first phase of the programme will open by the end of 2017, two years earlier than originally planned.



ALLESTREE, DERBYSHIRE | OPENED OCTOBER 2015

#### ALLESTREE WOODLANDS ACADEMY

A coeducational secondary school for up to 1257 students aged from 11-19 years. The school has a specialist unit for hearing impaired pupils. Designed and built by Bowmer & Kirkland, it was constructed with steel frames and cast in-situ concrete floors. The walls of the buildings use rendered insulated panels and bright coloured cladding which reflect the school's branding.





CHADDESDEN, DERBYSHIRE | OPENED NOVEMBER 2014

#### LEES BROOK COMMUNITY SCHOOL

A coeducational secondary school for up to 1100 pupils aged from 11-19 years. Designed and built by BAM Construction, the three storey building has two classroom wings which pivot around a hub comprising the main entrance, administration and hall.

GREAT CORNARD, SUFFOLK | OPENED SEPTEMBER 2015

#### THOMAS GAINSBOROUGH SCHOOL

A coeducational secondary school for up to 1400 students aged from 11-19 years. Designed and built by Kier Construction (Eastern), the new building was constructed using steel frames, cast in-situ concrete floors and clad with brickwork. The completed project provides a modern well designed learning environment with buildings which integrate well with the existing site and retained community sports facilities.



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NOMINATIONS

## EAST OF ENGLAND



## HADLEIGH FARM LEGACY PROJECT

#### **PARTNERSHIP GROWS** AN OLYMPIC LEGACY

Hadleigh Farm hosted the London 2012 Olympic Mountain Bike events. To ensure a viable post-Olympic Legacy Essex County Council has provided new and improved recreational trails and visitor facilities on the site, in partnership with The Salvation Army, and Southend-on-Sea and Castlepoint Borough Councils.

At the heart of the project was the improvement and enhancement of the network of existing paths and trails across Hadleigh Country Park, a Visitors Centre, Café, Bike Hire shop, improved WC facilities, offices for the Rangers, re-developed business units, and additional facilities for The Salvation Army to expand its valuable work with vulnerable local people.

Environmental and historic enhancements included grassland habitat creation and restoration in the Country Park, opening up views of the Thames Estuary and a comprehensive Wildlife Protection Plan.





**ORGANISATION:** PICK EVERARD

CLIENT:

**ESSEX COUNTY COUNCIL** 

**VALUE:** £6.6M

ARCHITECT: LSI ARCHITECTS PROJECT MANAGEMENT:

PICK EVERARD

**COST MANAGEMENT:** 

PICK EVERARD

CONTRACTOR:

MORGAN SINDALL

**SURVEYOR:** 

PICK EVERARD

## JOHN RAY INFANT SCHOOL

#### **OUT OF THE ASHES A COMMUNITY GROWS**

John Ray Infant School was gutted by fire that burnt for 16 hours just before the new term in August 2013. A modular school was created to accommodate the children left without a school for two years while construction took place of the new school site.

Due to the urgency of the project it was imperative that the client team, contractor and school worked in unison to get the building operational ready for September 2015.

The drive to complete the project following the fire and the support from the local residents helped to create a strong community bond to the new school. Having a temporary school set up for the two years during the construction also engaged the children at the school who took a keen interest in the construction and gave them the rare opportunity to see their school transformed in front of them.

The new building can accommodate 360 pupils and offers brand new modern facilities such as a new hall large enough to allow the whole school to come together.

ORGANISATION: M&E ENGINEER: PICK EVERARD T CLARKE

VALUE: CONTRACTOR: £4.6M MORGAN SINDALL

CLIENT: SURVEYOR: ESSEX COUNTY COUNCIL PICK EVERARD

ARCHITECT:
FEILDEN+MAWSON ARCHITECTS







## GREAT WHELNETHAM PRIMARY SCHOOL

## FLEXIBLE TEACHING DELIVERED UNDER BUDGET

To prepare the school for the new intake under the School Organisation Review (SOR) programme, Great Whelnetham Primary had to increase its existing capacity for 120 pupils by a further 60 places and the school also decided to take the opportunity to fund a second additional class base.

The new accommodation is in an independent building which includes the necessary associated facilities. The project also included the provision of additional car parking and cycle spaces and landscaping works to link the new and existing buildings and replace external hard play areas lost to any building work.

Delivered within budget, the design provides flexibility in teaching methods and has integrated both ICT and facilities for those with special educational needs or disabilities. The new building will make a contribution to raising pupil achievement and educational standards in line with the SOR objectives and 'Rais.







ORGANISATION: CONCERTUS

CLIENT:

SUFFOLK COUNTY COUNCIL

VALUE: £0.6M

**ARCHITECT:** CONCERTUS

**PROJECT MANAGER:** 

**CONCERTUS** 

**M&E ENGINEER:** 

CONCERTUS

**QUANTITY SURVEYOR:** 

CONCERTUS

**CONTRACTOR:** 

O.SEAMAN AND SONS

## ALL SAINTS PRIMARY SCHOOL

#### SCHOOL PREPARES FOR GROWTH

The capacity at All Saints Primary was for 100 pupils and an additional 40 places needed to be created to prepare the school for the new intake under the School Organisation Review (SOR) Programme. Only one additional class base was necessary, but the School decided to take the opportunity to also fund a second additional class base to accommodate potential future growth.

The new accommodation is in an independent building which includes the necessary associated facilities. The project also included the provision of additional car parking and cycle spaces and landscaping works to link the new and existing buildings and replace external hard play areas lost to any building work.

Delivered within budget, the design provides flexibility in teaching methods and has integrated both ICT and facilities for those with special educational needs or disabilities. The new building will make a contribution to raising pupil achievement and educational standards in line with the SOR objectives and 'Raising the Bar' initiative and has also allowed for community use outside the school day.

ORGANISATION: CONCERTUS

CLIENT:

SUFFOLK COUNTY COUNCIL

VALUE: £0.4M

**ARCHITECT:** CONCERTUS

M&E ENGINEER:

CONCERTUS

**CONTRACTOR:** 

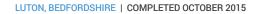
COCKSEDGE BUILDING CONTRACTORS

**SURVEYOR:** CONCERTUS









## CENTRAL BEDFORDSHIRE COLLEGE

#### **COLLEGE'S VISION CREATES REAL WORLD EXCELLENCE**

Atkins' provided multi-discipline design services for the development and delivery of the Central Bedfordshire College (CBC) Kingsway Campus in Dunstable. The project comprised the extension, demolition and refurbishment of an existing 1960's college estate to create approximately 3,850m<sup>2</sup> GIA of new build BREEAM 'Excellent' rated space.

The college's vision was to create Real Work Environments building in which students could learn in surroundings which replicate the workplace. Pursuant to this vision is the opportunity to develop a public offering. Professional kitchens, restaurant, Hair & Beauty Salons (included within the new college accommodation & operated by students/staff) are now open to local community customers.

The design team worked extensively with the client to have a very efficient building that still created the inspirational learning environment required to attract sufficient learners and engage the local community. Innovative materials were used as part of the design to ensure that the benefit can be seen by the client in the long term use of the building.

**M&E ENGINEER:** 

CONTRACTOR:

ATKINS LTD

SURVEYOR:

RIDGF/AAP

ASHE



CLIENT:

£15M

DELOITTE/CBC

VALUE:

**ARCHITECT:** ATKINS LTD





### STOWUPLAND HIGH SCHOOL

## NEW BUILDING ACCOMMODATES EXPANSION AND COMMUNITY USE

The brief called for the provision of six new class bases so that the school could increase its pupil intake to 1050. The project included the construction of a new stand-alone building that housed four new class bases, a teaching/studio space and the associated facilities.

In addition existing accommodation in the school was re-modelled and extended to create a new science lab, music room and a general teaching classroom, the provision of additional car parking and cycle spaces, and landscaping works to link the new and existing buildings.

The layout is designed to minimise wasted space and maximise views, daylight and natural ventilation. The toilet provision allows the block to be self-sufficient and direct external access encourages outdoor learning.

The result is a stimulating design - delivered within budget - that allows flexibility in teaching methods and has integrated both ICT and facilities for those with special educational needs or disabilities. The new building has also allowed for community use outside the school day.

ORGANISATION: CONCERTUS

CLIENT:

SUFFOLK COUNTY COUNCIL

VALUE: f1.6M

ARCHITECT: CONCERTUS **M&E ENGINEER:** 

**CONCERTUS** 

LANDSCAPE ARCHITECT:

CONCERTUS

**CONTRACTOR:** 

BARNES CONSTRUCTION

**QUANTITY SURVEYOR:** 

CONCERTUS









## TAKELEY ROSEACRES PRIMARY SCHOOL

#### **EXPANSION EASES GROWING PRESSURE**

Takeley Roseacres Primary school was completed in 2015 and the works included a new build extension of two classrooms and the installation of new mechanical and electrical services throughout the building. Areas of the school also underwent refurbishment as part of the project to bring the school up to date and provide a modern teaching environment for the children.

The new classrooms were required to support and expanded intake for the school and to offer educational facilities to children within the local area. Roseacres was part of a £48 million investment by Essex County Council in creating 3,150 new school places across Essex for the 2015/16 academic year. The school will admit a new reception class until it reaches capacity easing pressure on nearby schools and offering new places to children in the surrounding areas.



ORGANISATION: PICK EVERARD

CLIENT:

ESSEX COUNTY COUNCIL

VALUE: £2.3M

**ARCHITECT:** 

SARAH WIGGLESWORTH ARCHITECTS

M&E ENGINEER:

T CLARKE

CONTRACTOR:

MORGAN SINDALL

SURVEYOR:

PICK EVERARD



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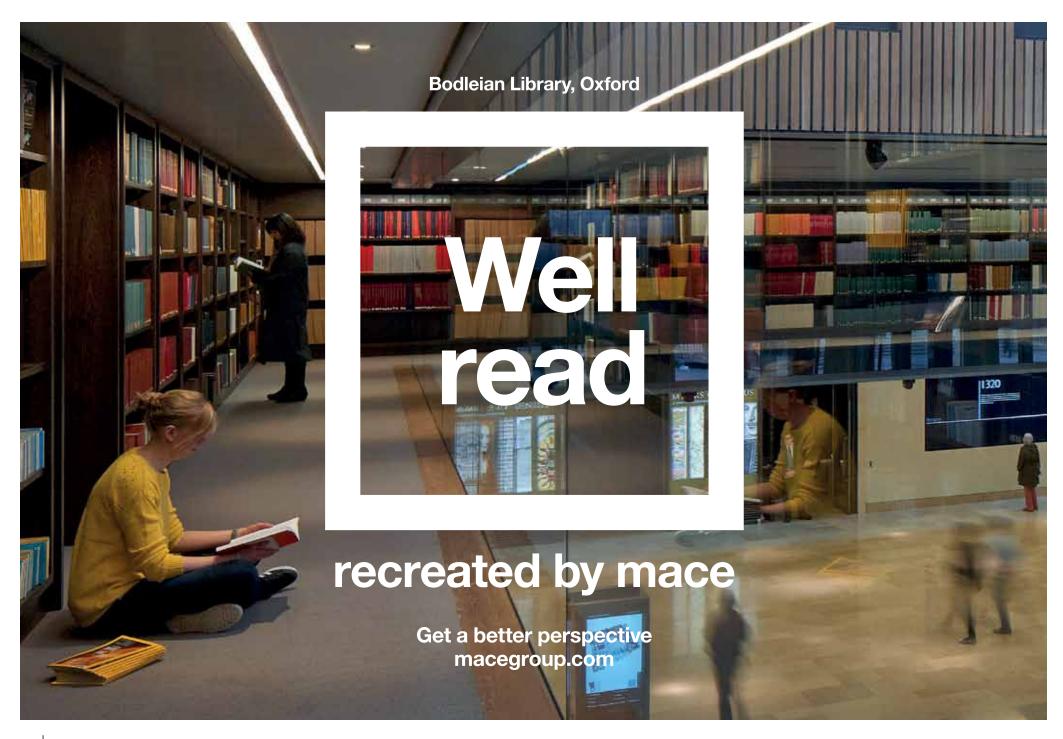






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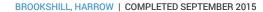
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NOMINATIONS

# SOUTH EAST & LONDON



## HARROW COLLEGE ENTERPRISE CENTRE

#### INNOVATION HUB WITH A HEART OF GLASS

The new 3,000m2 Enterprise Centre offers state-of-the-art facilities including business classrooms, incubator spaces, board room and conference spaces, and a 'One Stop Shop' for student's career development. The building will provide a base for Harrow's business learning and offers students in other subject areas the opportunity to use the Centre's facilities to support the development of their enterprise skills. It will also benefit the wider Harrow community by serving as a business and innovation hub.

The building is arranged along a central axis, with a glazed atrium at its heart, a hub at each end and classrooms and breakout spaces in between, providing clear way finding and flexibility. The atrium is purposely slanted to frame views of the surrounding area, reduce excessive heat gain and help flood the Centre with natural light, ensuring students benefit from a bright, inspiring and comfortable space to learn. Enhancing the interior environment, the landscape design seamlessly brings the outside in, creating a calming internal garden space that improves connectivity and allows visitors to easily navigate through the building.



ORGANISATION:

IBI GROUP

CLIENT:

HARROW COLLEGE

VALUE: £6M

**ARCHITECT:** IBI GROUP

CONTRACTOR: MORGAN SINDALL

PROJECT MANAGER:

AA PROJECTS

SURVEYOR:

AA PROJECTS

**STRUCTURAL ENGINEERS:**AJP AND WATERMAN GROUP

## BARCLAY PRIMARY SCHOOL

# SWEET CHESTNUT GROWS AND RETAINS GREEN CORRIDOR

NPS provided full multidisciplinary design before fulfilling a two stage Design and Build Contract employer's agent role up to completion of this project. The brief was to expand the current four form school on a site approximately a mile away from the main school. It provides for 450 pupils (including 30 of nursery age). The accommodation comprises 14 teaching classrooms, nursery, dining hall, studio and library and ancillary office spaces.

The design concept was to keep to the grain of the existing buildings and relate to the surrounding buildings – with careful consideration taken to ensure the school complemented the adjacent Grade II listed Chestnut House. All materials were carefully selected as to not detract from the listed building, with sweet chestnut timber cladding used to reflect and enhance the nature of the site.

The design also had to take into account high levels of noise and air pollution, which has been controlled with non-openable windows and a mechanical ventilation system. Solar shading is used to prevent over heating in summer months, coupled with new trees adjacent to the site boundaries to maintain the green corridor, and offer natural shade.

ORGANISATION: NPS GROUP

CLIENT:

LONDON BOROUGH OF WALTHAM FOREST

**VALUE OF PROJECT:** 

£6.3M

**ARCHITECT:** NPS GROUP

**M&E ENGINEER:** 

**NPS GROUP** 

**CONTRACTOR:** 

WATES CONSTRUCTION LTD

SURVEYOR: NPS GROUP









## DAVIES LANE PRIMARY SCHOOL

#### **BESPOKE ASD SPACE DELIVERS SUPPORT**

The South Site of the Davies Lane Primary School was redeveloped in order to transform the building to enable the expansion of the existing 2 Form Entry and Autism Spectrum Disorders (ASD) unit into a 4 Form Entry with ASD Unit. This was the first of a two-phase project which extended the existing school building as well as using the Pastures Youth Centre Site to provide a new 8 classroom block.

The completion of the South Site saw the construction of an 8 classroom building which links into the existing Davies Lane Children's Centre and includes a purposebuilt ASD space, a hall, office space and ancillary accommodation - including staff room WC's and stores.

Phase 2 of the project is due to begin in early 2016, with remodelling works of the main Davies Lane school building, as well as an extension to the main building, which will include the provision of a new school hall and kitchen. The completion of the South site has gone a long way towards achieving the school's vision of creating a linked up school experience with a cohesive identity for the existing Davies Lane school site, Children Centre and new two storey south site development.







**ORGANISATION:** NPS GROUP

**VALUE:** £4.1M

CLIENT:

LONDON BOROUGH OF WALTHAM FOREST

ARCHITECT: **NPS GROUP**  **M&E ENGINEER:** 

NPS GROUP

**CONTRACTOR:** 

**BALFOUR BEATTY** CONSTRUCTION SERVICES UK

**SURVEYOR:** NPS GROUP

## EARLY YEARS CENTRE

#### FLEXIBLE SPACE FOR WORK AND PLAY

This Early Years Centre is shared by Beane Valley Children's Centre and Watton-At-Stone Playgroup and is accessed via the adjacent Barratt Homes development.

The three teaching spaces and their associated external play areas all face south, and are characterised by their profiled section with clerestory windows. Ventilation is by an assisted system using E-stack. There are two feature covered areas; the entrance canopy to the north which accommodates buggy parking and the play canopy to the south accessed via folding sliding windows from each teaching space and leads to the landscaped external play areas.

In the Children's Centre the two main teaching spaces are linked by a folding sliding partition which allows them to be used as one large crèche area. All the supporting functions are situated to both sides of a circulation spine which leads to a fire exit. The external treatment is based on creating a durable brick clad envelope then carving out the canopies and windows to reveal the feature green linings.

**ORGANISATION:** 

MACE

CLIENT:

HERTFORDSHIRE COUNTY COUNCIL

VALUE: £1.4M

ARCHITECT: MACE

**M&E ENGINEER, COST** MANAGEMENT, STRUCTURE

AND LANDSCAPING:

MACE

**D&B CONTRACTOR:** ASHE CONSTRUCTION







NOMINATIONS

# WALES & SOUTH WEST



## SOBELL SCHOOL

## **EXPLORING BIM AND DFMA**

Atkins were appointed by Laing O'Rourke to provide a multi-disciplinary design service for the development of a new secondary school, located in Aberdare, South Wales. The BIM Level 2 project includes full modelling of components to enable a 'Design for Manufacture and Assembly' (DfMA) approach. It has been designed to accommodate 1600 pupils with the flexibility to increase to 1800 pupils in the future as part of the '21st Century Schools' programme.

Atkins are provided multi-disciplinary consultancy to the Laing O'Rourke from planning approval through to completion. This enabled the delivery of an industry leading multi-disciplinary co-ordinated BIM design solution that is integrated with Laing O'Rourke's 'Design for Manufacture and Assembly' (DfMA) offsite manufacturing solutions.

Laing O'Rourke have set up a new business called 'Explore' to advance the development of off-site manufacture or DfMA. The intention is to achieve 70% of the constructed asset to be delivered by DfMA, resulting in a 60% reduction in on-site labour and a 30% reduction in construction time.







ORGANISATION: ATKINS LTD

CLIENT:

RHONDA CYNON TAFF

VALUE:

£31M

**ARCHITECT:** ATKINS LTD

M&E ENGINEER:

ATKINS LTD

**CONTRACTOR:** 

LAING O'ROURKE

SURVEYOR:

RHONDA CYNON TAFF

## WELSH MEDIUM SCHOOL

# ALL THROUGH PROVISION REGENERATES CAERPHILLY

This project is strategically very important. It provides vital 3-18 Welsh Medium provision to meet projected demand in the Caerphilly area, has regenerated a derelict town centre site, and brought a Grade 2 Listed 1930's Girls School building back in to use. It comprises a 450 place 3-11 school and a 900 place 11-18 school which share a dual aspect kitchen, and includes a 5 court sports hall. It was delivered within the project budget of £18m including all fees and costs.

The existing buildings have been sympathetically refurbished to provide the 3-11 accommodation and interlinked with the substantial new build 900 place 11-18 school which incorporates key features of the original building in the design.

The new build elements use modern construction techniques with most internal and external walls constructed from light weight metal framed studwork. External finishes are brick at low level and through-colour render or solid grade laminate cladding elsewhere. The project was designed and project managed by CCBCs in-house Building Consultancy team who worked closely with Cadw. It was officially opened by the First Minister, Carwyn Jones in December 2015.

#### **ORGANISATION:**

CAERPHILLY COUNTY BOROUGH COUNCIL

#### CLIENT:

CAERPHILLY COUNTY BOROUGH COUNCIL

#### VALUE:

£24.6M

#### ARCHITECT:

CAERPHILLY COUNTY BOROUGH COUNCIL

#### **M&E ENGINEER:**

CAERPHILLY COUNTY BOROUGH COUNCIL

#### **CONTRACTOR:**

MORGAN SINDALL

#### **SURVEYOR:**

CAERPHILLY COUNTY BOROUGH COUNCIL









## MILL WATER SCHOOL

## SUSTAINABLE SEN FACILITIES IN **BEAUTIFUL SURROUNDINGS**

This award winning school (LABC Best Educational Building National Winner 2015) is set within Bicton College's historic campus, and is located in the grounds of Bicton House, a Grade II\* Georgian Manor set in Grade I listed parkland and gardens in an Area of Outstanding Natural Beauty. It provides state of the art teaching facilities for East Devon's most profound special needs children.

Commissioned and funded by Devon County Council, it aims to provide a high quality, sustainable building with fit for purpose spaces including a hydro pool with full hoist system, sensory rooms, rebound room, therapy rooms and group rooms together with stimulating external playing spaces.

Inclusive design was one of the most important features for this project. Key design considerations included good colour contrast suitable for children with autism and partial sight, handrails at two heights, no dead end corridors, easy navigation, zone defined and level thresholds.

The design set out to significantly improve on Building Regulation compliance limits and surpass targets for a design without using renewable technology.

**M&E ENGINEER:** 

CONTRACTOR:

MORGAN SINDALL

**NPS GROUP** 

**SURVEYOR:** 

**NPS GROUP** 



**NPS GROUP** 

CLIENT:

£7.9M

**NPS GROUP** 



**DEVON COUNTY COUNCIL** 

**VALUE:** 

ARCHITECT:







## HONITON HOSPICE

### CREATIVE REUSE DELIVERS RURAL HOSPICE

The New Kings Centre building was designed as a purpose built facility and sits within the heart of the town of Honiton, Devon. The building is part conversion of an old existing cow shed, and a modern addition wrapping around a pocket garden for the enjoyment of all users of the building.

Hospiscare is a charity that provides care and support for people with a diagnosis of terminal illness. It raised the money to build this project from a grant of £510,000 from NHS England, grants from charitable trusts and fundraising support from the local community who raised over £260,000.

The Day Hospice caters for Hospiscare patients and carers who live in East Devon, and his service also allows the patient's carer to have some respite. The Centre is supported by Hospiscare's local volunteer support groups in Honiton, Ottery and Axminster. They help patients, staff the reception and look after the garden.

Patients have been using the centre since February 2014, and last year Hospiscare supported 2,226 patients, of which 1,498 were new patients.

ORGANISATION: ATKINS LTD

CLIENT:

HOSPISCARE

VALUE:

£1.2M

ARCHITECT: ATKINS LTD M&E ENGINEER:

ATKINS LTD

**CONTRACTOR:** 

JONES CONSTRUCTION

SURVEYOR:

FAITHFUL & GOULD









## LYTCHETT MINSTER SCHOOL

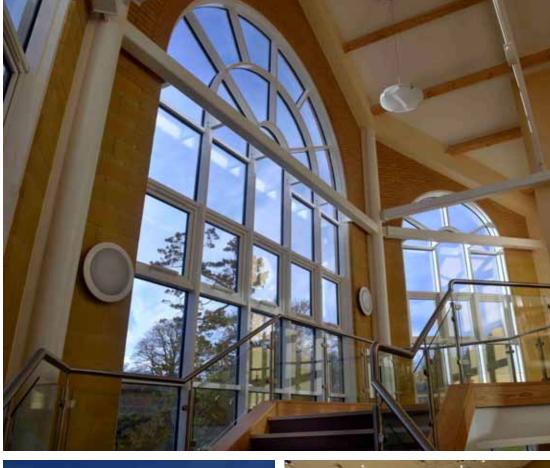
# FROM A LIGHTNING STRIKE TO A NEW ARTS BLOCK

Lytchett Minster School accommodates approximately 1400 pupils aged 11 to 18. The school attained arts college status in 2001. Their Creative Arts Block was destroyed by fire after a lightning strike in December 2012, the intensity and extent of the fire devastated the building putting it completely out of use.

A temporary facility was created elsewhere on site as an interim solution. The remaining structure was dismantled to a position where reconstruction work could commence.

The Creative Arts Block was rebuilt on a like for like basis on the retained footprint of the original building, taking into account compliance with current building regulations. The building floor area is identical to the original, providing accommodation over two floors. The Block includes art rooms, music rooms, drama spaces, hall/theatre, dance studio and office space.

Completed in its original form, the Creative Arts Block integrates fully into the site and surrounding landscape without any adverse impact.







**ORGANISATION:** 

DORSET COUNTY COUNCIL

CLIENT:

DORSET COUNTY COUNCIL

VALUE:

£5M

ARCHITECT:

DORSET PROPERTY

**M&E ENGINEER:** 

ION CONSULTING ENGINEERS LTD

STRUCTURAL ENGINEER:

MILLERROGERS PARTNERSHIP

**ACOUSTIC CONSULTANT:** 

ACOUSTIC CONSULTANTS LIMITED

CONTRACTOR:

MIDAS

**SURVEYOR:** 

BAQUS

**PROJECT MANAGEMENT:** 

WYG MANAGEMENT SERVICES

## YEWSTOCK COLLEGE

# SIMPLE FORM SUPPORTS COMPLEX LEARNING

Yewstock School isl for children with profound and multiple, severe, moderate or complex learning difficulties. The previous school facilities had become inadequate for the needs of many of the students. The project improves the facilities for 14-19 year olds by providing a new base on the Sturminster Newton High School site.

The accommodation includes five specialist class bases, training kitchen, arts studio; social and other learning and support facilities. The building has a central social courtyard space which provides an internal secure environment around which the teaching accommodation is arranged, and within which are seating areas and raised beds creating places for individuals or small groups.

Each classroom has its own south facing mono-pitched roof which has been designed to provide natural cross ventilation, to maximise cool northern light into the teaching bases as well as incorporate photovoltaic panels on the roof. Other sustainable design solutions include high levels of insulation, passive ventilation, and high level fenestration to achieve optimum day lighting.

**ORGANISATION:** 

DORSET COUNTY COUNCIL

**CLIENT:** 

DORSET COUNTY COUNCIL

**VALUE:** 

£3.5M

ARCHITECT:

DORSET PROPERTY

**M&E ENGINEER:** 

DORSET PROPERTY

STRUCTURAL ENGINEER:

WSP PARSONS BRINCKERHOFF

**ACOUSTIC CONSULTANT:** 

**URS** 

CONTRACTOR:

**RG SPILLER** 

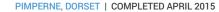
**SURVEYOR:** 

DORSET PROPERTY









## PIMPERNE PRIMARY SCHOOL

#### SCHOOL GROWS OUT OF ITS LANDSCAPE

Pimperne Primary school is on agricultural land and has been designed to minimise its visual impact on the landscape. It accommodates 175 pupils, and includes six classroom, learning resource centre, hall and a community space.

The main materials include local brick and flint as a direct reference to the walls in and around the village. Constructing the school using local brick has achieved continuity of materials throughout the village. Timber cladding is used to help the building blend into the landscape. The monopitch roofs include sedum planted areas, adding visual interest and enhancing the appearance of the building when viewed from the surrounding area.

Sustainable design solutions include a highly thermally efficient structure, sedum roof, renewable energy systems, and energy efficient lighting, plant and equipment. High level clerestory windows form part of the natural day lighting and ventilation strategy and the building has an A-rated energy efficiency rating.







**ORGANISATION:** 

DORSET COUNTY COUNCIL

CLIENT:

DORSET COUNTY COUNCIL

VALUE: £6M

ARCHITECT:

DORSET PROPERTY

M&E ENGINEER:

DORSET PROPERTY

STRUCTURAL ENGINEER:

**ROUGHTONS** 

**ACOUSTIC CONSULTANT:** 

HAWKSMOOR ENGINEERING

LIMITED

**CONTRACTOR:** 

ISG

SURVEYOR:

DORSET PROPERTY



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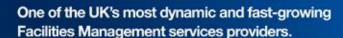
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