



2018 YEARBOOK

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

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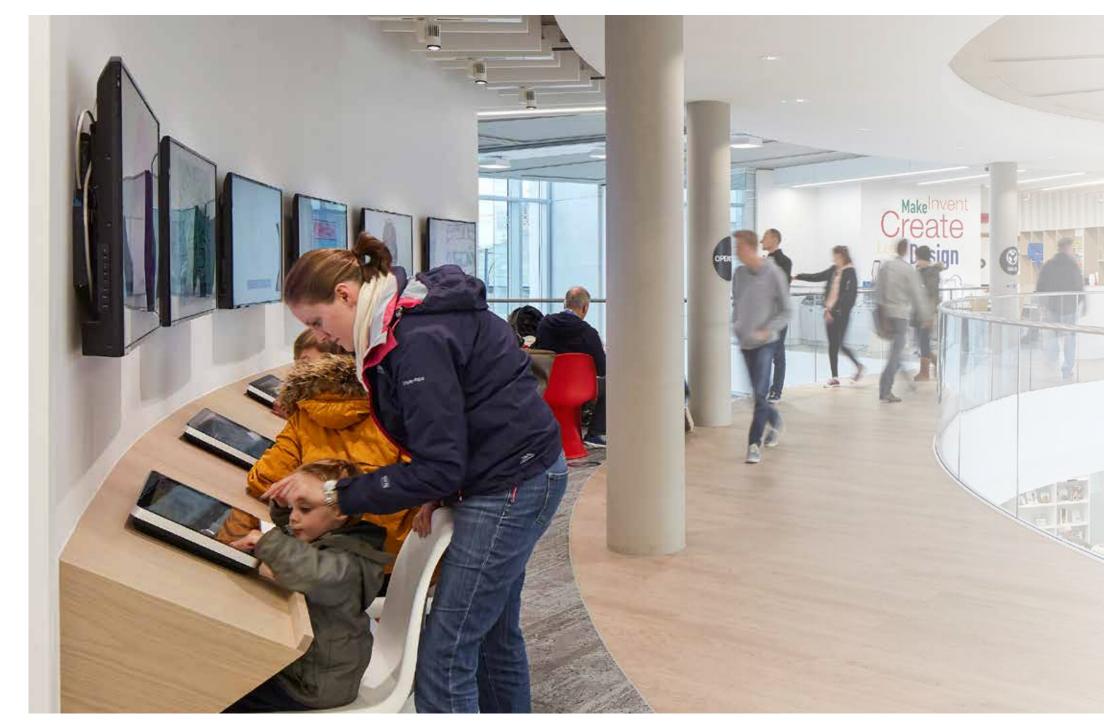
www.thespaces.org.uk/join-us

CONTENTS

Welcome 7
About SPACES8
Shortlisted Schemes
Dunfermline Carnegie Library and Galleries12
Lighthouse14
Portsmouth Hard Interchange15
Kirkmichael, Black Isle16
The NEDO project17
Sensor City18
Temple Green Park & Ride19
The Arium20
Kilmardinny House21
Bridgwater College22
Whitehill+Bordon Future Skills Centre23
East London Arts and Music (ELAM)24
Cathedral Primary School25
Guildhall Feoffment Community Primary School26
Finishing Tower27
Kensington Aldridge Academy28
Live Works29
Bere Regis Primary School30
Revitalise Peckham Rye & Common Project31
Nominated Schemes
SCOTLAND & NORTH EAST
St Fergus' Primary School36
Foredyke Green Nature Area37
Leader Valley School38

Deaf Blind Learning and Development Centr	e39
The Ferens Art Gallery	40
Hull New Theatre	41
Temple Learning Academy	42
Waid Academy	43
Elliott Hudson College	44
NORTH WEST	
Leeds Art Gallery and Library	48
Haigh Kitchen Courtyard	
Workington Academy	50
MIDLANDS	
STEMLab	
The Science Centre	
BioCity Discovery Building	
St Luke's Treatment Centre	5/
EAST OF ENGLAND	
Sybil Andrews Academy	60
Glenwood School	61
Ghyllgrove Primary School	62
Robert Clack School	63
Wherry Free School	64
Flitch Green Academy	65
SOUTH EAST & LONDON	
Alexandra Centre	68

Moreland Primary School6	9
Bridgewood Care Home7	70
West Herts College Phase 17	1
Harris Invictus Academy7	′2
Grange Primary School7	′3
Ivydale School7	⁷ 4
Becket Keys School7	′5
Lynch Hill School7	76
Coral Reef Waterworld7	'7
WALES & SOUTH WEST	
Islwyn High School8	30





YEARBOOK 2018

The Society for Public Architecture, Construction, Engineering and Surveying (SPACES)

We warmly welcome you to the 2018 edition of the SPACES Yearbook. The Yearbook celebrates the vibrancy within the sector and contains details of all the shortlisted buildings submitted for this year's Civic Building of the Year award (CBOY). I am sure you will agree there are some exceptional entries which pays great credit to all those property professionals who are involved in the commissioning, designing, constructing, maintaining and repair of public buildings. These projects are further recognised at our annual awards dinner which in 2018 was held in October in Cambridge.

SPACES continues to be the only organisation that brings together property professionals from across the sector into one collaborative group. SPACES is a volunteer organisation run by its members for the benefit of its building professional members who work in and for the public sector. We are committed to assisting members in achieving the highest possible standards in the development, design, construction and management of the public sector estate for the mutual benefit of everybody.

Although we continue to face challenging times in the public sector our civic building stock, whilst impacted by declining budgets, does benefit from the skills of our members and new technologies that ensures the finished products remain of a highest quality, future proofed and fantastic spaces for the users to occupy.

There are huge benefits of being part of SPACES, if you would like to benefit from the sharing of best practice from around the country, asking technical queries to a huge network of highly skilled and experience building professionals or just talking to another property professional working in the sector who deals on a daily basis with the same issues that you do, then SPACES is the organisation for you. For more information please go to our website www.thespaces.org.uk.

Our sincere thanks and appreciation goes to all those who have supported the production of the Yearbook, the judging of the civic buildings and your continuing support for SPACES.

SPACES

SPACES, The Society for Public Architecture, Construction, Engineering and Surveying is a multidisciplinary organisation formed in 2015 from the merger of SCALA; Society for Construction and Architecture in Local Authorities, SCEME; Society for Electrical and Mechanical Engineering serving Local Government and the CBSS Chief Building Surveyors Society.

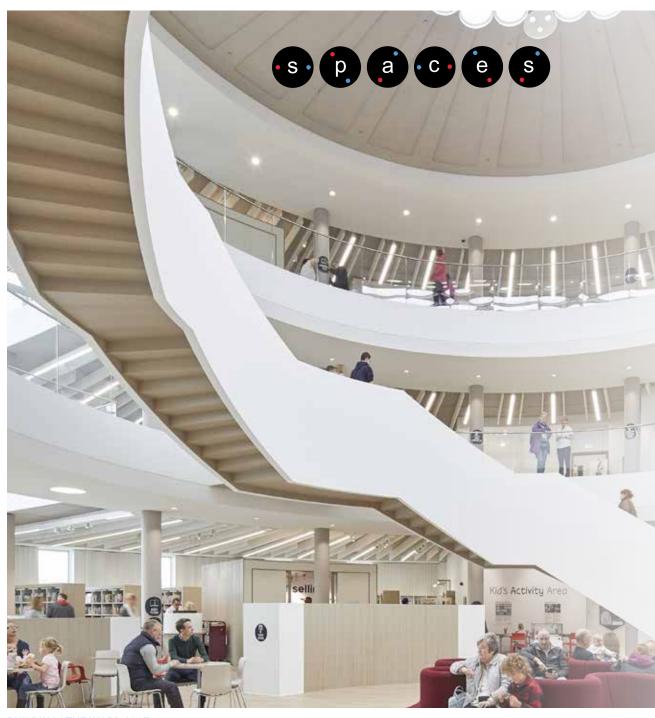
We are a not-for-profit collaborative organisation run by its members for those in the building professions who work in for the public sector. We are committed to assisting our members in achieving the highest possible standards in the commissioning, designing, constructing, managing and maintaining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

OUR OBJECTIVES

We follow shared goals and objectives across a multidisciplinary membership;

- To promote buildings in local authorities together with high standards of practice
- To facilitate the sharing of the knowledge and experience of members
- · To develop the skills and expertise of members
- To represent the interests of members to other organisations
- To promote best practice in the delivery and running of public sector buildings
- To develop the knowledge, skills and experience of our members
- To develop a national multidiscipline 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

We are the only organisation in the public sector with a membership that encompasses all aspects of the properties cycle from project initiation, briefing through to management and maintenance of the finished buildings.



BUILDING | THE WORD 2017

SPACES IN NUMBERS

c.£25bn

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 2018 study day, with the theme 'collaboration' attracted 110 delegates from across all parts of the property cycle nationwide



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



SHORTLISTED 2018

DUNFERMLINE CARNEGIE LIBRARY AND GALLERIES

BOOKING A PLACE IN HISTORY

In 1883 the first of many libraries round the world funded by philanthropist Andrew Carnegie was opened in Dunfermline. In today's modern age when libraries appear under threat it is refreshing that investment is being made to future proof them.

Surprisingly for such a historic town, Dunfermline did not have a museum and Fife Council decided to rework the library and add a new museum and galleries. The Council organised an international competition to select an architect in 2010. The chosen design combines the historic library with an exquisitely detailed, unquestionably modern building overlooking the grounds of the 12th century abbey. Community engagement was also a key part of the project with over 450 local volunteers involved at various stages up to the period of the public opening.

The result is a spectacular addition to the heritage quarter, and will be a catalyst to raise the cultural profile and attraction of the city.

Dunfermline was Scotland's ancient capital and is the resting place of former kings and queens. The new facility showcases and brings to life over a thousand years of history and cultural heritage, and tells the story of it's people.

SUBMITTING ORGANISATION:

FIFE COUNCIL PROPERTY SERVICES

CLIENT:

DALLAS MECHAN FIFE CULTURAL TRUST

VALUE:

£12.4M

ARCHITECT:

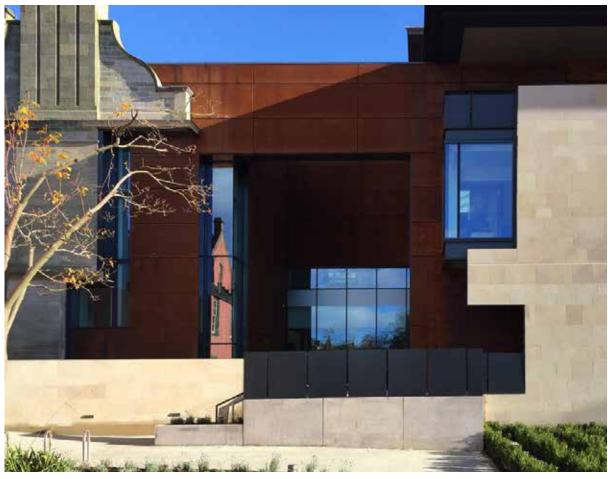
RICHARD MURPHY ARCHITECTS

CONTRACTOR:

BAM CONSTRUCTION LTD













DORSET | COMPLETED DECEMBER 2016

LIGHTHOUSE

CENTRE FOR THE ARTS

Lighthouse was originally opened in 1978 as Poole Arts Centre and three years ago, with its 40th anniversary approaching, a £5.3m refurbishment was undertaken in two phases and part-funded by grants from the Arts Council and Poole Borough Council, with the remainder raised by the Love Lighthouse fundraising campaign.

Following the upgrade of sound and lighting in the concert hall and theatre in 2015, a four month programme in the summer of 2016 delivered the transformation of the Sherling Studio. This included a relocated main entrance, clear glazing installed in the foyer, the creation of a new education and rehearsal space, a new stage door entrance, updated dressing rooms, a Green Room and improved security. The flat floor mechanism in the concert hall was overhauled, new plumbing delivered drinking water on tap throughout the building and improvements to energy-efficiency has resulted in significant cost savings.

The Lighthouse now attracts world class performers and entertainers.



SUBMITTING ORGANISATION:
DESIGN ENGINE ARCHITECTS

CLIENT:

LIGHTHOUSE

VALUE: £3M

ARCHITECT:

DESIGN ENGINE ARCHITECTS

M&E ENGINEER: RHB PARTNERSHIP

ONTRACTOR

CONTRACTOR: STEPNELL

SURVEYOR: CURRIE & BROWN

PORTSMOUTH HARD INTERCHANGE

CONNECTIVITY ENHANCES VISITORS EXPERIENCE

The Portsmouth Hard Interchange is a multi-modal transport redevelopment, part of the £1.8 bn investment to improve the infrastructure and transport links and forms a new gateway and transport hub to Portsmouth.

Gunwharf Quays and the Historic Dockyard collectively attract 6.5 million visitors each year and a significant number arrive by public transport, completing the southern end of the new park and ride scheme.

The facility incorporates a ten-bus bay Drive In and Reverse Out (DIRO) forecourt which fully segregates pedestrians. The bus bay doors open via induction loop under each bay and passengers can only enter when a vehicle has arrived.

The main terminal has glass cladding, minimising heating requirements through the benefit of solar gain and the roof incorporates a lightweight plastic inflatable roofing system. The drainage system filters out any oil or contaminants before discharge.

M&E ENGINEER:

LACHMANN CONSULTANTS

CONTRACTOR: OSBORNE

SURVEYOR:

ARCHITECT: ABED SHAD

CLIENT:

VALUE:

£9.2M

SUBMITTING ORGANISATION:

PORTSMOUTH CITY COUNCIL

FAITHFUL AND GOULD

FAITHFUL AND GOULD









BLACK ISLE | COMPLETED OCTOBER 2017

KIRKMICHAEL, BLACK ISLE

RESTORATION BREATHES NEW LIFE INTO BUILDINGS

The building and part of the graveyard are listed as a Scheduled Ancient Monument and the building is also Category B listed. The original medieval ecclesiastical building ceased to be used for worship in the 18th century after which its condition deteriorated and it fell into significant disrepair.

Works started on the restoration in 2016 and included: masonry repairs; new roof with rooflights; new solid oak doors and bespoke fixed-light windows; new Caithness stone floors; new paths; new green sedum soft-cap on an existing monument.

The final part of the project was the interpretation and display element, which included medieval ornamental grave memorials that are recognised as being of considerable archaeological interest, which were relocated for conservation purposes inside the Nave of the building. The display includes "as-new" carvings of existing medieval stones to illustrate the original appearance of two gravestones, on top of bespoke seat displays in the Nave and Chancel of the building.







SUBMITTING ORGANISATION:

MCGREGOR BOWES

CLIENT:

THE KIRKMICHAEL TRUST

VALUE:

£440K

ARCHITECT:

MCGREGOR BOWES

CONTRACTOR:

TRADITIONAL MASONRY GROUP LTD

SURVEYOR:

TORRANCE PARTNERSHIP

THE NEDO PROJECT



SHARED VISION REAPS REWARD

The Rational was to develop and deliver a pilot project within the social housing sector across Greater Manchester, to trial the implementation and use of Air Source Heat Pumps at scale. Also to test the effectiveness of Demand Response in the social housing sector, whilst addressing fuel poverty and providing broadband access.

The NEDO Project- also known as the "Smart Community Demonstration Project" – is an enterprising heat pump demonstration project with several stakeholders, developed by the Greater Manchester Combined Authority (GMCA) and Japan's New Energy and Industrial Technology Development Organisation (NEDO).

The three-year Smart Communities Project began in March 2014 with an extensive team of project partners and delivered a successful pilot project within the social housing sector. It trailed the implementation and use of air source heat pumps (ASHPs) at scale and tested the effectiveness and demand response (DR) in the social housing sector.

The project involved a high level of collaborative engagement between this wide group of participants and for its active engagement with the occupiers of the homes being upgraded. There was a major undertaking to ensure that those receiving the upgrades were made fully aware of the work to be undertaken and supported in using the new systems. Aspects of the project were revised and modified as a direct result of engagement with the end users.

CONTRACTOR:

WARMER ENERGY SERVICES

SUBMITTING ORGANISATION:

NPS GROUP

CLIENT:

WIGAN COUNCIL

VALUE:

£4.8M

M&E ENGINEER:

NPS GROUP

The pilot involved replacing old heating systems in over 550 social housing properties across Wigan, Bury and Manchester with cutting-edge electrical and hybrid ASHPs, and developing an energy aggregation system and ICT platforms to control and co-ordinate the electricity usage of the ASHPs.

Hitachi and Daikin industries supplied the ASHPs and Hitachi provided the DR monitoring equipment and a computer tablet for each tenant to monitor and control the new heating systems.

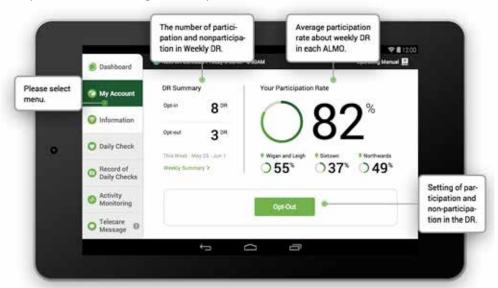
A procurement management company (Procure Plus) worked with the ALMOs and NEDO to produce a competitive tender package to find a main contractor to carry out the installations, and managed a thorough evaluation process by the client partners to ensure that the selected partner would deliver the required engagement with the tenants and users.

The project was developed by the Greater Manchester Combined Authority and Japan's New Energy and Industrial Technology Development Organisation (NEDO), in collaboration with a range of partners and stakeholders including NPS, Hitachi, Daikin, Mizuho Bank, Wigan Council, Northwards Housing, Sixtown Housing, Warmer Energy Services, Electricity North West and the Department for Business Energy and Industrial Strategy.

The NEDO Project recently received an award for best 'Collaborative Working Partnership' at the CIBSE Building Performance Awards 2018.

CIBSE JUDGES' COMMENTS

"NEDO had a lot of impressive user results despite many stakeholders that would have been difficult to engage with. This project really showcases what can be done in housing and if the project was replicated it could have a serious impact on stock and change how we operate in this market. "





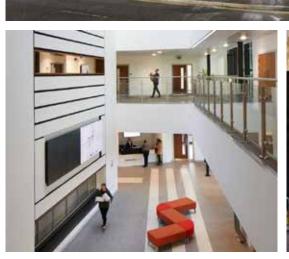
LIVERPOOL | COMPLETED AUTUMN 2017

SENSOR CITY

ADDING VALUE TO LOCAL COMMUNITIES

The project was a joint venture between Liverpool John Moores University (LJMU) and the University of Liverpool, for the development of a hi-tech, sensor-systems business Incubator, a facility which will support the start-up, growth and research agendas of hi-tech businesses. The development contributes towards the regeneration of the city quarter, creating a vibrant hub for the two universities and the growing number of students in Liverpool.

The public realm sits as part of a wider external works scheme and largely consists of a piazza space to the entrance of the new university building. Hard and soft materials used were co-ordinated with the larger masterplan and an adjacent site. Polished trim paving picks out building lines and reflects circuit board patterns established within the building detail as part of the energy inspired concept.





SUBMITTING ORGANISATION:

IBI GROUP

CLIENT:

UNIVERSITY OF LIVERPOOL

VALUE: £10M

ARCHITECT: IBI GROUP

M&E ENGINEER: LORNE STEWART

CONTRACTOR:

KIER

SURVEYOR: MACE

TEMPLE GREEN PARK & RIDE

A FLAGSHIP PROJECT FOR THE COMMUNITY

The Park and Ride was built in order to maximise community benefit and encourage use by members of the public. The project team incorporated the comments and suggestions from the community consultation survey, undertaken in 2015. The result is a clear reduction in car traffic and congestion levels into the City of Leeds.

This new facility provides shelter and WC facilities for approximately 50 waiting passengers as they embark on a stress free commute to the City Centre. The building also incorporates a new ticket office and a staff area.

The scale of the building, due to its vehicular environment, is best viewed from a moving car as the building benefits from a linear design and provides a "gate" between the cars and the park and ride buses.

The use of recycled shipping containers evolved to off-site modular manufactured units built and brought to site in sections. In addition, the building is exemplar for future smart cities due to its energy efficiency and solar panel installation. The air tightness has also resulted in cheaper running costs. A flagship project for the community of Leeds.

SUBMITTING ORGANISATION:

NPS GROUP

CLIENT:

LEEDS CITY COUNCIL

VALUE: £350K

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

NPS GROUP

CONTRACTOR:

CARILLION

SURVEYOR:

NPS GROUP









LEEDS | COMPLETED OCTOBER 2017

THE ARIUM

DUTCH SUPERSTRUCTURE HELPS LEEDS BLOOM

A clear approach to design innovation and collaboration was used when working with the specialist manufacturing and construction team. The horticultural specialists designed and manufactured the superstructure from their base in Holland and delivered to site a building solution made up 22,000 panes of glass.

Key aspects of the project included high performance solar and light filtering glazing, designed to BS EN 410, allowing for the exact amount of light to filter into the premise.

Thermal screens installed in each of the growing zones improve the growing conditions for the plants and a computer controlled building management system controls the heating and ventilation systems, integrating with germination and irrigation systems.

The innovation and design has made a significant contribution to the character and appearance of the surrounding area. Soft landscaping including tree, hedge and shrub planting has enhanced the appearance and fits in well with the open fields and existing hedgerows. Visual screening to the building (breaking up the outline and screening any views) also provides shelter and enhances site ecology.

This new facility allows the Council to support their 'In Bloom' initiative, helping improve parks, recreational areas and local communities whilst providing the public with a place to experience new technologies and learn about plant development.





SUBMITTING ORGANISATION:

NPS GROUP

CLIENT:

LEEDS CITY COUNCIL

VALUE: £6.5M

ARCHITECT:

M&E ENGINEER: NPS GROUP

CONTRACTOR:

HBS CONSORTIUM

SURVEYOR: **NPS GROUP**

NPS GROUP

KILMARDINNY HOUSE

COMMUNITY ROLE FOR LISTED HOUSE

The refurbishment and extension of the listed Georgian Mansion, Kilmardinny House Arts Centre included window replacements and refurbishments; rot repairs and roof coverings; betterment of service supplies; as well as hard and soft landscaping to the external grounds.

As the building is category A Listed, conservation works including sand stone cleaning, dressing and indenting; cleaning and remedial works to the terrazzo flooring. A new platform lift was installed to increase accessibility.

The main house now features a number of multifunctional rooms, including a 110 capacity community theatre, and supports a diverse range of local arts, culture and leisure services. In addition, a new garden pavilion extension has been created which provides a modern, flexible space able to accommodate a range of activities, including performances, exhibitions, conferences and weddings for up to 150 guests, with associated catering facilities.

The extension was constructed with a steel frame on pad and strip foundations, with a brick superstructure and precast concrete wall cladding and curtain walling.

Community benefits delivered include four new jobs; two apprenticeships; five work placements; 15 site visits and tours of the site for local schools carpentry and woodwork classes

SUBMITTING ORGANISATION:

CLARK CONTRACTS LTD **HENDERSON & WARNOCK**

CLIENT:

EAST DUNBARTONSHIRE COUNCIL

SURVEYOR:

VALUE: £2.4M

ARCHITECT:

MAST ARCHITECTS

M&E ENGINEER:

CONTRACTOR:

CLARK CONTRACTS

AD12







ommende



SOMERSET | COMPLETED AUGUST 2017

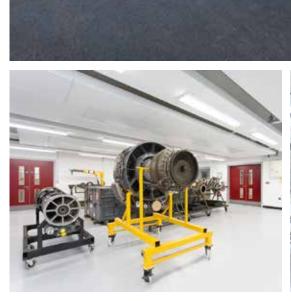
ADVANCED ENGINEERING CENTRE, BRIDGWATER COLLEGE

ENGINEERING A BRIGHTER FUTURE

The Advanced Engineering Centre (AEC) is a new BREEAM excellent development at the main Bridgwater campus. Located adjacent to the Engineering Skills Centre, it provides additional and complimentary educational facilities.

The Centre is located within ten miles of the Hinkley Nuclear Power Station and because of this long term relationship with the industry, the college expanded its curriculum providing education and training for engineering skills at a Further Education level. In addition to the general teaching areas, the AEC faculty will provide tuition in the following subjects; industrial heavy welding; CNC machining and general machining; and Polymer fabrication workshops.

This two-storey steel framed structure employs precast concrete planks for the ground and first floors. The Building Services strategy utilises passive ventilation to cool the building, this proved challenging with the noise of the adjacent railway line, leading to the implementation of acoustic louvers with a mixed mode natural ventilation with heat recovery systems. Photovoltaics were installed on the southern facing pitched roof to provide power to the building and reduce CO2 emissions.





Commended

SUBMITTING ORGANISATION:

ATKINS LTD

CLIENT:

BRIDGWATER COLLEGE

VALUE: £4.7M

ARCHITECT:

AUSTIN SMITH LORD

M&E ENGINEER:

ATKINS LTD

CONTRACTOR:

KIER CONSTRUCTION

SURVEYOR: WT HILLS

WHITEHILL+BORDON FUTURE SKILLS CENTRE

SKILFUL DELIVERY OF JOINT PROJECT

The new skills centre comprises a £4.1 million investment in Whitehill and Bordon's Louisburg Barracks redevelopment area. As the first building within the new employment zone it is intended to form a catalyst in regenerating the local and regional economy and help start a future 'Excellence Campus' vision.

The Centre, owned by Hampshire County Council, and run by Basingstoke College of Technology, offers a range of construction and other training facilities, as well as conference and similar amenities available to the local community.

The building form has a scale appropriate to its functions and site context. The glazed entrance concourse space creates a strong public frontage and focus. This has a slender 'floating' roof line with wide overhangs supported on tubular steel columns, many of which are positioned externally to provide an elegant layered and articulated facade. This concourse in turn provides access and circulation to the more private rear main accommodation. This simple and flexible main rear block is clad with vertical metal composite panels and north-light roof forms, and houses the training workshops, classrooms, office and other ancillary accommodation.

SUBMITTING ORGANISATION:

HAMPSHIRE COUNTY COUNCIL

CLIENT:

HAMPSHIRE COUNTY COUNCIL

VALUE:

£4.1M

ARCHITECT:

HAMPSHIRE COUNTY COUNCIL

M&E ENGINEER:

HAMPSHIRE COUNTY COUNCIL

CONTRACTOR:

INTERSERVE CONSTRUCTION LTD

SURVEYOR:

HAMPSHIRE COUNTY COUNCIL









LONDON | COMPLETED MARCH 2017

EAST LONDON ARTS AND MUSIC (ELAM)

ONE OF A KIND

East London Arts and Music (ELAM) is located on a very restrictive site sandwiched between main arterial roads. This new Free School caters for up to 300 trainees aged 16-19 looking to start a career in the music, film and television production and games design industries.

This facility is one of a kind in the UK, with a suite of professional recording studios, a collection of well equipped editing suites for film and TV work alongside dedicated protools, music creation and editing classrooms and game design labs. ELAM has been highly supported by local businesses and enterprises focused on media and arts.

The heart of the academy is a purpose designed 420 seat auditorium fitted out with top end professional lighting and sound equipment. The acoustic properties of the auditorium have been designed and installed to commercial theatre standards.

At the opening, the trainees, staff and governors told the amazing stories of how this academy has transformed trainees' lives and given them a springboard to success in this highly competitive industry.







SUBMITTING ORGANISATION:

EDUCATION AND SKILLS FUNDING AGENCY

CLIENT:

EDUCATION AND SKILLS FUNDING AGENCY

VALUE: £10M **M&E ENGINEER:**

MLM

CONTRACTOR:

FARRANS CONSTRUCTION

SURVEYOR:

ARCADIS

CATHEDRAL PRIMARY SCHOOL

UNDERGROUND TRANSFORMATION

Built in 1906, and designed by the renowned Charles Holden, Bristol Central Library is a Grade I listed building in the centre of the city next to College Green. Previously the library's basement areas had fallen into a state of disrepair but a remarkable transformation has changed these spaces into a stimulating and playful education environment for 420 primary pupils.

The refurbishment of this listed building included the restoration of historic features such as parquet flooring, lime plaster work, on-site stone masonry, traditional window repairs and the exposure and cleaning of a glass floor within the library, which had been covered in screed and carpet for 50 years.

Strong collaborative working with the contractor, school and library meant that although it was an exceedingly constrained site and had a strong heritage value, construction activities were completed whilst all other public services remained in operation.

The main architectural challenge was to create bright and airy spaces below ground. To do this part of the lower ground floor was removed to open out the school hall area. Glass floors, walls and doors were installed to maximise the natural light within the school. For the more remote areas fibre optic cables were installed running from the roof to basement fibre optic solar lights.

SUBMITTING ORGANISATION:

EDUCATION AND SKILLS FUNDING AGENCY

CLIENT:

EDUCATION & SKILLS FUNDING AGENCY

VALUE: £5M M&E ENGINEER:

HYDROCK

CONTRACTOR:

KIER

SURVEYOR:

TURNER AND TOWNSEND







GUILDHALL FEOFFMENT COMMUNITY PRIMARY SCHOOL

A SEAMLESS BLEND OF NEW AND OLD

The new building has been carefully considered and designed so that it sits comfortably within the site. Attention has been paid to the school's existing listed buildings and strong Architectural style, with the former school house and school hall providing a strong street presence. Consultation with the planners and the desire to be sympathetic to the site and local buildings, has led to the use of red brickwork and slate roof for the main teaching element.

The use of a two storey red brick gable end recognises the existing building forms, whilst the design for the glazing demonstrates a modern interpretation that will enable the site to age without the different extensions conflicting with each other. The design of the circulation space and studio hall has a lesser presence with a lower flat roof and the use of curtain glazing to provide a visual separation between the two main parts of the development.







SUBMITTING ORGANISATION:

CONCERTUS DESIGN AND PROPERTY CONSULTANTS LTD

CLIENT:

SUFFOLK COUNTY COUNCIL

VALUE:

£1.6M

ARCHITECT:

CONCERTUS DESIGN AND PROPERTY CONSULTANTS LTD

M&E ENGINEER:

CONCERTUS DESIGN AND PROPERTY CONSULTANTS LTD

CONTRACTOR:

COCKSEDGE BUILDING CONTRACTORS

SURVEYOR:

CONCERTUS

FINISHING TOWER

CROSSING THE FINISH LINE

The Strathclyde Park Finishing Tower is located on an island on Strathclyde Loch and was originally built for the 1986 Edinburgh Commonwealth Games as a control centre for the timing of rowing regattas.

The park was selected as a host venue for the 2018 European Rowing Championships necessitating the upgrading of the tower to meet the current standards of the world rowing federation (FISA). This includes increasing the floor area of the top floor of the four storey tower to accommodate judges and timing officials and the enclosure of the external judges seating area.

The design solution creates a new dynamic glass façade over three floors whilst retaining the iconic aesthetic of the original tower.

The requirement to increase the floor area of only the top floor presented an opportunity for a three dimensional façade with a curve in two directions. With the principle views towards the start line at the opposing end of the park, the façade is also asymmetric which adds to the distinctive appearance of the building.

The completed building succeeds in meeting the specific functional requirements of a water-sports finishing tower whilst also creating an eye-catching feature within the park setting.

SUBMITTING ORGANISATION:

NORTH LANARKSHIRE COUNCIL

CLIENT:

NORTH LANARKSHIRE COUNCIL

VALUE:

£596K

ARCHITECT: CRGP LTD **M&E ENGINEER:**

DAVIE & MCCULLOCH

CONTRACTOR:

BRICK & STEEL CONSTRUCTION CO

SURVEYOR:

BROWN AND WALLACE









LONDON | COMPLETED SEPTEMBER 2017

KENSINGTON ALDRIDGE ACADEMY

FOCUSED ON THE END GOAL

This Academy was delivered in a unique and politically high profile environment following the tragic events of the Grenfell fire.

The brief was to deliver a temporary school for 960 pupils in 13 weeks, as opposed to the normally 18 months project delivery time. The challenge was enormous but the project team was built on an ethos of collaboration and a keen eye on the end goal: providing pupil's educational continuity in the wake of tragedy.

A site was found and work commenced with creative problem solving and true collaboration from the start, whether it was getting highways departments to wave restrictions so that cabins could be delivered around the clock; or appealing to local residents to buy in and tolerate weekend and late night working. The team has left local residents a new garden, built and funded by volunteers as a legacy for their support.

In total 7,500m² of accommodation was completed in just nine weeks; including science laboratories, art classrooms, food technology, dance studio, catering facilities and school hall. The recreated school ensures that pupils can access a full curriculum and have the best possible future.







SUBMITTING ORGANISATION:

MACE

SURVEYOR:

CLARK CONTRACTS

CLIENT:

PM:

ESFA

MACE

ARCHITECT:

MACE GROUP

CONTRACTOR:

PORTAKABIN

LIVE WORKS

CULTURAL QUARTERS TRANSFORMED

Live Works is part of Live Theatre's evolving cultural quarter in Newcastle, which transforms a century old gap on the Quayside into a place for the community. The project comprises a new centre for children and young people's writing in a converted Grade 2 listed almshouse (Live Tales); a vibrant, public 'pocket park', which revitalises the only remaining Grade 2* Georgian courtyard in the city (Live Garden); and new offices where the rental income will fund at least one play and education project each year for Live Theatre.

The approach was to design a building that would fit seamlessly into its historic surroundings on both the Quayside, where the site is framed by two Grade 2* listed buildings, and in its relationship to the warehouses and historic listed Georgian almshouses behind. A compact building was designed in order to respect the scale, massing, and materiality of the neighbouring buildings, and maximise the size of the new public courtyard.

The budget was fixed and based on available funds from the City Council; grants from the European Regional Development Fund, charitable trusts and foundations. The brief was therefore established by calculating how much commercial floor space was affordable within the budget constraints.

SUBMITTING ORGANISATION:

FLANAGAN LAWRENCE AVOCA

CLIENT:

LIVE THEATRE

VALUE: £5.5M

_0.0...

ARCHITECT: FLANAGAN LAWRENCE M&E ENGINEER:







BERE REGIS PRIMARY SCHOOL



ENGINEERING INGENUITY

Dorset County Council (DCC) have been using TREND Building Management Systems (BMS) to control the mechanical services in their schools for many years. However these systems are becoming more sophisticated and very complex to understand and operate by the end users, particularly small primary schools.

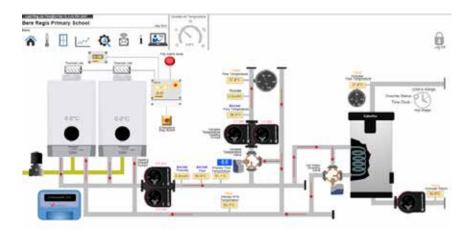
Following post project appraisals, DCC felt they had to move in a different direction to help schools understand, use and manage their BMS systems. The feedback suggested that the schools felt very uncomfortable interacting with the control systems even after being given tuition at handover.

Working with a local control specialist, AK Controls Ltd, a series of short YouTube videos were produced on how to operate the various functions of the standard TREND controller. Schools found the short videos very useful, easy to understand and very accessible to all levels of staff.

Further feedback from schools indicated that even the standard controller was too complex, and they wanted simple intuitive access to the adjustments the school need to do on a day to day basis. DCC and AK Controls Ltd developed a simple user-friendly interface that would sit on top of any BMS system and give real time information. A prototype system was developed for use at Bere Regis School, called the AK Connect system which has the following features:

- A simple interface to allow alterations of temperature set points, plant operation times, holiday periods and out of hours use.
- Simple graphics that relate to what the actual boiler room equipment looks like and a system that allows the school to understand what plant is operating and if there are any faults or issues.
- Ability to check temperatures and CO2 levels in classrooms in line with ESFA guidance. Details should be graphical and shown the actual layout of the school.
- A secure web-based system that uses the mobile cellular network rather than hard wired IT networks.
 system to be accessible through various mobile devices.
- · Simple graphical representation of energy usage and costs.

The in-house engineers have also used the system to monitor system performance, fault find etc. as the system is easy to access and interrogate using mobile devices.





SUBMITTING ORGANISATION:

DORSET COUNTY COUNCIL (DCC)

CLIENT:

DCC CHILDREN'S SERVICE

VALUE:

£3.2M

ARCHITECT:

DORSET PROPERTY

M&E ENGINEER:

DORSET PROPERTY

CONTRACTOR:

MORGAN SINDALL CONSTRUCTION

SURVEYOR:

DORSET PROPERTY

REVITALISE PECKHAM RYE & COMMON PROJECT

CITY PARK BECOMES DESTINATION LOCATION

One of the main aims of the project was to create a flexible and sustainable children's playroom alongside other managed play facilities for maximum efficiency and to present a diverse offer for children and families within a beautiful park setting. The project was delivered across four separate phases, in which phase three included the construction of a new changing and playroom facility. The eco-friendly cross laminated timber frame with a zinc and tiled façade, provided a sympathetic background to the park area. The high-pitched roof utilised three rain censored light wells to maximise daylight usage. A large feature window looking out into the adjacent adventure playground and a small exterior rain garden are highlights of the space.

This project is a destination location within the Borough: uniting the community with a café; a range of exciting play opportunities; changing facilities that meet the Football Foundation standards and support the use of the park; as well as providing car parking. This project has breathed new life in to an area of the community in need of updating.







SUBMITTING ORGANISATION: FAITHFUL+GOULD

CLIENT:

LONDON BOROUGH OF SOUTHWARK

VALUE: £2M

ARCHITECT:

CURL LA TOURELLE HEAD

CONTRACTOR:

NEILCOTT CONSTRUCTION PTY



NOMINATED 2018





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NOMINATIONS

SCOTLAND & NORTH EAST

ST FERGUS' PRIMARY SCHOOL

PUPILS INPUT ENHANCES DESIGN

The main ethos behind the design of this single storey building was to provide a flexible and adaptable learning environment to cater for change in the school role from year to year. Taking recognition of this, formal teaching 'class rooms' have been designed in an open plan arrangement organised into three groupings, early level, 1st level and 2nd level, with loose furniture dividing the spaces. This allows the class 'room' to grow or shrink in size depending on the class size requirements.

The plan arrangement is designed to flow from informal learning, to formal learning and then onto covered external learning. The informal learning zone, which runs as a spine through the building acts as an extension to the formal learning environment, giving all classrooms access to learning 'pods' and booths for smaller pupil groups.

Pupil involvement in their new school was encouraged. They were tasked with choosing the new playground equipment and a competition was also held within the school to design the new stained glass window which takes pride of place within the reception.







SUBMITTING ORGANISATION:

RENFREWSHIRE COUNCIL

CLIENT:

RENFREWSHIRE COUNCIL

VALUE:

£5.3M

ARCHITECT:

RENFREWSHIRE COUNCIL

M&E ENGINEER: PICKEVERARD

CONTRACTOR:

CLARK CONTRACTS

FOREDYKE GREEN NATURE AREA

RESIDENTS HELP DELIVER GREEN SPACE

In 2016, the newly formed Kingswood Residents Association, in partnership with Foredyke Green Protectors, began to develop ideas to deliver a special green place for the community to enjoy and explore and also to conserve some unique features.

The area connects open spaces at Wilberforce Wood and Foredyke Green, which are considered major 'green' assets and form part of a 'Hull Green Arc' linking urban greenspaces throughout the city.

The Foredyke Green project included: redesign of the pond area; outside classroom; ground engineering using specialist machinery to re-shape mound and surrounds; bound gravel path network; culvert crossing of watercourse; tree sculptures; a recreation of Marfleet Labyrinth; log seating and interpretation boards; new trees and planting; and improved accessible entrances.

Work was carried out in liaison with the Residents Association, Hull City Council and the Church of England. The Labyrinth was opened by the Archbishop of York and is a popular community amenity.

SUBMITTING ORGANISATION:

NPS GROUP

CLIENT:

HULL CITY COUNCIL

VALUE: £97K

ARCHITECT:

NPS GROUP

CONTRACTOR: LANDPLAN (GB) LTD

SURVEYOR: NPS GROUP







SAFETY AND NURTURE FOCUS OF **NEW SPACE**

The pavilion form and deceptively simple plan have been specifically deployed to diminish the visual impact of the building on its user group, which are primary-aged children on the autism spectrum.

Beneath this mask, the design uses natural light and subtle curved forms to create visual and physical direction throughout, ensuring that barrier-free access is rigorously applied.

The extensive roof canopy and subtle changes of form internally have been designed to accommodate spatial transition within a protective environment. Floorcoverings, natural light and the use of acoustic materials are all integral to the pupils' sense of place. The colour palette is purposefully muted with three distinct themes: teaching, administration and circulation.

The life skills space provides a stimulating hub at the west side of the school and links directly to the enclosed garden.

Leader Valley has been designed to be a place of creative safety and nurture for children who have difficulty adjusting to mainstream education. Within one week of opening, one little boy who had always been constrained by reins had them removed and was able to transit between spaces, internally and externally, unaided for the first time in his life.

SUBMITTING ORGANISATION:

SCOTTISH BORDERS COUNCIL

CLIENT:

SCOTTISH BORDERS COUNCIL

VALUE: £1.97M

ARCHITECT:

M&E ENGINEER: CUNDALL

CONTRACTOR:

ESH (BORDER) CONSTRUCTION

SURVEYOR: THOMSON GRAY

SCOTTISH BORDERS COUNCIL



DEAF BLIND LEARNING AND DEVELOPMENT CENTRE

FOCAL CENTRE FOR OUTREACH WORK

The Centre is a focal point for the organisation's outreach work, and the aim is for deafblind people to be supported and enabled to live the life they choose as equal citizens.

The structure of the windows and roof were changed to allow photovoltaics to be installed and increase the energy efficiency, reducing costs in the longer term, whilst providing the best lighting for those with deafblindness. Careful consideration was given to the colour contracts of the pedestrian routes so that building users would utilise them independently.

The two storey building has a steel frame structure and facing brick outer leaf. A mixture of external glazed curtain walling and north facing windows facilitates natural ventilation and lighting. Sound levels were assessed to allow an integrated hearing loop system to be installed and internal wall, floor and ceiling finishes are acoustically neutral.

The centre is now a busy community hub and is utilised by other local charities and community groups.

SUBMITTING ORGANISATION:

CLARK CONTRACTS LTD

CLIENT:

DEAFBLIND SCOTLAND (DBS)

VALUE: £1.5M

ARCHITECT:

AUSTIN-SMITH:LORD

M&E ENGINEER:

INGEN TECHNICAL SERVICES

CONTRACTOR:

CLARK CONTRACTS

SURVEYOR:

HG CONSULTING







THE FERENS ART GALLERY

ART AT THE HEART OF HULL

Ferens Art Gallery was built in 1927 and is one of Hull's most popular cultural assets. The building was extended in 1991 with the addition of a café and supporting galleries and facilities. However, the environmental controls were not adequate to create the conditions required for hosting significant displays.

The challenge was to upgrade the climatic installations and enhance the visitor experience of the artwork displayed, without compromising the existing spaces. The works included 700 computer designed glazed panels to create new skylights that control UV light and heat; air conditioning and humidity controls; upgrading of the existing foyer and stairs to create a draught lobby; and an extension to the rear, housing a larger café and new retail space.

The project ensured that the gallery played a central role in the City of Culture programme by bringing in the large-scale visiting exhibitions and collection loans, including hosting the prestigious Turner Prize 2017.

The City Council's strategic vision of regeneration in the city centre was placed at the heart of the development whilst ensuring that the Grade II Listed building was sensitively refurbished and extended, whilst retaining the gallery's original character and charm.







SUBMITTING ORGANISATION:

NPS GROUP

CLIENT:

HULL CITY COUNCIL

CONTRACTOR: HOULTONS

M&E ENGINEER:

NPS GROUP

VALUE:

SURVEYOR:

£5.2M

JOHN WINSTANLEY

ARCHITECT: NPS GROUP

HULL NEW THEATRE

WORLD CLASS PERFORMANCE

Hull New Theatre is an impressive neo classical Grade II Listed building that has long suffered from the constraints imposed by limited front of house, stage and supporting facilities. This compromised its ability to host more ambitious shows.

The refurbishment proposals were developed in conjunction with Hull City Council and the Hull Esteem Consortium LEP Ltd, as part of the City Council's £100m capital investment programme designed to regenerate the economy, securing lasting benefits for the people of Hull and the region.

The works completed include a side extension providing new, fully accessible front of house facilities, a larger stage with a 27m fly tower, improved stage door access and refurbished dressing rooms; together with an increased auditorium seating capacity.

The existing neo classical frontage remains the significant elevation on a Neo-Georgian square with the new entrance taking a secondary role. Protection and stabilisation of the existing façade while demolishing and rebuilding the fly tower, was a particularly challenging element of the works.

The upgraded theatre was reopened by The Royal Ballet and to date has presented world-class performances to an appreciative public, especially during the UK City of Culture 2017.

SUBMITTING ORGANISATION:

NPS GROUP

CLIENT:

HULL CITY COUNCIL

VALUE:

£16M

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

NPS GROUP

CONTRACTOR:

SEWELL GROUP

SURVEYOR:

JOHN WINSTANLEY









LEEDS | COMPLETED SEPTEMBER 2017

TEMPLE LEARNING ACADEMY

RECYCLING KEY TO TRANSFORMATION

The old East Leeds Leisure Centre was derelict for a number of years, before being recycled into Temple Learning Academy, a 1020 place all-through school.

The building works included the demolition of the existing swimming pool hall to make space for a linked three storey new build teaching block and assembly hall. The retained element of the leisure centre houses the school's sports hall, dining hall, staff and administration facilities and a 'specialist teaching' wing for the school's art, DT, music and home economics facilities. The new steel frame extension to the side of the existing building features metal cladding elevations with ribbon glazing to maximise natural light and each floor is tailored to individual year groups.

Waste reduction initiatives were implemented including designing the rooms to align with standard brick and plasterboard sizes to reduce the number of wasted off cuts. Excess materials were also donated to create benches and a construction-themed activity play area.

The school offers lettings of the sports hall and MUGA for football clubs, and provides facilities to host resident community groups. The scheme has support from the wider community, with the building enhancing the aesthetics of the local area and greatly reducing antisocial behaviour.





SUBMITTING ORGANISATION:

EDUCATION AND SKILLS FUNDING AGENCY

CLIENT:

EDUCATION AND SKILLS FUNDING AGENCY

VALUE:

£11M

M&E ENGINEER:

T. CLARKE

CONTRACTOR:

ISG CONSTRUCTION

SURVEYOR:

MACE

WAID ACADEMY

COMMUNITY HUB PART OF SCHOOL

The new replacement for Waid Academy in Anstruther is not just a new school, it is a community hub which happens to include a high school. It also incorporates Local Office Services; another school; public library; community café; drop in facility for Police Scotland; as well as other community and learning facilities.

The location and orientation of the new facility form the core of a community campus incorporating the existing Anstruther Primary School, sports hall, external playing fields and social space for both the school, other stakeholders and the community.

The facility is designed around a central atrium which provides dining, performance and social spaces for up to 800 high school pupils. Most of the teaching accommodation is wrapped around the full height top lit core with a series of balconies providing circulation on the upper levels. An Innovation Bridge cutting through the atrium space at first floor level provides a range of flexible spaces available for use by the school, Fife College and other community groups. There is a range of meeting rooms from conference level down to individual interview rooms. An assembly and performance space is situated on the first floor level and a gymnasium and fitness suite for school and community use is on the ground floor.



SUBMITTING ORGANISATION:

FIFE COUNCIL PROPERTY SERVICES RYBKA

CLIENT:

FIFE COUNCIL EDUCATION SERVICE

CONTRACTOR:

M&E ENGINEER:

BAM CONSTRUCTION LTD

VALUE:

£22.2M

ARCHITECT:

BDP GLASGOW







NOMINATED LEEDS | COMPLETED SEPTEMBER 2017

ELLIOTT HUDSON COLLEGE

RECYCLING BUILDINGS

This project is a great example of recycling buildings as the college started life as a 1980's warehouse before undergoing a transformation to a call centre in the 1990's, and now into an inspirational learning space.

The refurbishment works included a full interior refit, replacement of external curtain walling and external doors, repairs to the existing metal cladding, and overlay of the roof. Externally the works included conversion of part of the car park to form a multiuse games area. Teaching spaces were located around the perimeter of the building to optimise natural daylight. Study and dining areas benefit from the installation of roof lights and a mezzanine floor, optimising the additional headroom in the central spine of the building.

The result of the refurbishment work is a bright and airy learning environment, which embraces the building's history and aids the promotion of the college's culture of inspiration and excellence.

SUBMITTING ORGANISATION:

EDUCATION AND SKILLS FUNDING AGENCY

CLIENT:

EDUCATION AND SKILLS FUNDING AGENCY

VALUE: £11M

M&E ENGINEER:

BAM

CONTRACTOR:

 BAM

SURVEYOR:

ARCADIS

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NOMINATIONS

NORTH WEST



NOMINATED

LEEDS | COMPLETED SEPTEMBER 2017

LEEDS ART GALLERY AND LIBRARY

ARCHITECTURAL GEM UNCOVERED

A seamless approach to collaborative working was paramount for the successful completion of this project, which included having clear lines of communication, working closely with all parties and involving them as early as possible.

To ensure that the design was aligned with the heritage values of the Authority and those of Historic England these organisations were engaged with early on.

The philosophy behind the repair and restoration of these roofs was to preserve as much of the original historic fabric as possible. As such 60-70% of the original slate was reused in their original positions.

A highlight of the project was the uncovering of an arched glass roof, hidden for over 40 years. This hidden architectural gem has become a feature and has helped to create a better environment for the art work.



SUBMITTING ORGANISATION:

NPS GROUP

CLIENT:

NPS GROUP

VALUE: £2.6M

ARCHITECT:

M&E ENGINEER:

NPS GROUP

CONTRACTOR:

BERMAR BUILDING

SURVEYOR:

NPS GROUP

HAIGH KITCHEN COURTYARD

FOOD FOR THOUGHT

The project entailed the conversion/refurbishment of the existing Haigh Stables into artisan food, drink and craft units. Originally constructed to service Haigh Hall, the building is Grade II Listed and is part of the Haigh Conservation Area on the outskirts of Wigan. The building is four-sided with a central tower and arched access into the courtyard underneath.

The scheme was split into three phases to allow continual use of the facility whilst works progressed.

The stables had previously been converted into tea rooms and a golf bar with changing facilities, whilst the remainder of the building was used as council offices.

Phase one was the refurbishment of existing first floor offices to create craft galleries.

Phase two was the refurbishment of the large ground floor café, with the addition of a kitchen. The first floor of the same wing was converted into a tea room.

Phase three centred on the courtyard. Previous works had converted one elevation of the square courtyard into two shop units. Refurbishments of the remainder was completed to repeat this aesthetic along with internal remodelling to suit the various shops which includes a butchers, chocolatier, ice cream parlour, bakery and a microbrewery.

SUBMITTING ORGANISATION:

NPS GROUP

CLIENT:

INSPIRING HEALTHY LIFESTYLES

VALUE: £380K

ARCHITECT: GARY O'HARA

M&E ENGINEER:

NPS GROUP

CONTRACTOR:

LINK CONTRACTING





WORKINGTON ACADEMY

ENHANCING CREATION OF NEW ACADEMY

As part of the government's Priority School Building Programme, that addresses the schools in the worst condition in England, the Education and Skills Funding Agency has delivered a new school building in Workington. The newly formed Workington Academy follows the closure of two previous schools and accommodates 1200 year 7 to 13 pupils.

The project consisted of the construction of a new building, demolition of the old school building and the provision of playing fields. The exemplar design for the school presented a sympathetic incorporation of the existing sports hall.

Providing much needed community use facilities, bespoke features for Special Education Needs (SEN) students and a dedicated sixth form area, the building has provided an outstanding learning environment for Workington.







SUBMITTING ORGANISATION:

EDUCATION & SKILLS FUNDING AGENCY

CLIENT:

EDUCATION & SKILLS FUNDING AGENCY

VALUE:

£16.8M

ARCHITECT:

RYDER ARCHITECTURE

M&E ENGINEER:

ARCADIS

CONTRACTOR:

SIR ROBERT MCALPINE



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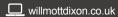
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NOMINATIONS MIDLANDS



LOUGHBOROUGH | COMPLETED JUNE 2017

STEMLAB

NEW FACILITY AIDS EXPANSION

STEMLab is a new £17m, BREEAM excellent, state of the art science, technology, engineering and mathematics facility at Loughborough University. The building comprises 3,500m2 of modern energy efficient teaching areas over two upper floor levels with a lower ground floor area of workshop zones. It is situated in a previously undeveloped area that was of low ecological value.

The design of StemLab had to take account of a number of site constraints, which if not managed correctly, would have jeopardised the construction costs; the sustainability requirements; and the aspiration of achieving the BREEAM excellent criteria.

STEMLab will greatly enhance the university's provision for existing and new STEM students and has already enabled the launch of new degree programmes. This will allow the University to expand its provision of graduates into a multitude of UK Industry sectors and further promote it as one of the leading 20 research-led universities in the country. The facility will also allow the University to build on their successful outreach work to engage school-age students in STEM subjects.







SUBMITTING ORGANISATION:

FAITHFUL+GOULD

CLIENT:

LOUGHBOROUGH UNIVERSITY

VALUE:

£17M

ARCHITECT:

CPMG ARCHITECTS

M&E ENGINEER:

AXIS MECHANICAL AND **ELECTRICAL CONSULTING**

ENGINEERS

CONTRACTOR:

HENRY BROTHERS LTD

SURVEYOR: MIKE RILEY

THE SCIENCE CENTRE

INNOVATIVE SOLUTION TO RETAIN SKILLED WORKFORCE

This £12m project involved the construction of a new building on a disused brownfield site close to Wolverhampton City centre to provide office, workshop and laboratory facilities for SMEs in the science and technology sectors to help them establish and grow their businesses. The building was created with flexibility of use, low energy usage and the user experience at the heart of its design. The facility will also encourage the retention of highly skilled science graduates in the area by providing a base for potential employers.

Low energy usage was a priority for the building design which resulted in key design features being incorporated into the project including a concrete frame, photovoltaic panels, low energy light fittings and a combined heating and power boiler.

The Managing Director of one of the new tenants has stated, "As designers of products, buildings and developments in the built environment, we wanted our new home to be in a facility that suited our business message as well as give us all of the facilities our team need to grow." The building satisfies all their needs in one stylish and functional space.

SUBMITTING ORGANISATION: M&E ENGINEER: FAITHFUL+GOULD COUCH PERRY WILKES

CLIENT: CONTRACTOR:

UNIVERSITY OF WOLVERHAMPTON CLEGG CONSTRUCTION LTD

VALUE: £12M

ARCHITECT:

CPMG ARCHITECTS





BIOCITY DISCOVERY BUILDING

FLAGSHIP BIOSCIENCE CENTRE

Nottingham's new BioCity Discovery Building, part of the UK's largest bioscience incubation centre, has created essential new space for companies carrying out cutting edge research, from major players through to start-ups led by university graduates.

The £30m five storey facility is an impressive 6,830 m2 in size, with three of its five floors occupied by the project's main tenant, the UK's largest independent provider of integrated drug discovery resource and expertise.

Representing the second largest project completed in Nottingham in recent times, the project was able to cement its position as the UK's fastest growing life sciences community.

One of the most striking features of the building is its brise soleil sunscreen to prevent overheating through the glazed façade. This system was improved through a disc system to prevent the brise soleil from hitting the building during high wind.

As a flagship for science and innovation, the building has been universally praised.







PICK EVERARD

CLIENT:

NOTTINGHAM CITY COUNCIL

VALUE:

£30M

ARCHITECT:

CPMG

SUBMITTING ORGANISATION:

SURVEYOR: PICK EVERARD

ST LUKE'S TREATMENT CENTRE

COMMUNITY INPUT TO HEALTHCARE HUB

St Luke's Hospital Integrated Services Hub was built to improve healthcare provision in Market Harborough by centralising key clinical services, thereby providing a mixture of outpatient services for its community. These feature primary care facilities including general practice; outpatient services and diagnostics including an x-ray department; mental health unit; physiotherapy and occupational therapy.

During the early stages the team undertook intensive public consultations to canvass opinions of hospital staff, patients and the wider public, during which concept proposals were presented and community stakeholders were empowered to influence design development. This proved influential in determining the key services to be provided.

The scheme employed the latest clinical standard design and an enhanced landscape to provide the people of Harborough with a state-of-the-art hospital. BREEAM very good was achieved through passive environmental features. Rooms are naturally ventilated where possible and extensive glazing is utilised, with brise soleil strategically positioned to the south elevation to control solar heat gain, and photovoltaic panels used to utilise the roof space and to provide renewable energy.

St Luke's Hospital is fit for the future, providing capacity to accommodate further development as and when the range of services required within the locality expands.

SUBMITTING ORGANISATION:

PICK EVERARD

MORGAN SINDAL

CLIENT:

NHS

VALUE: £7.6M

ARCHITECT:

NHS PROPERTY SERVICES











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NOMINATIONS

EAST OF ENGLAND

SYBIL ANDREWS ACADEMY

CAMPUS DESIGN WITH A HEART

Sybil Andrews Academy comprises three key buildings; The Heart, Teaching Block 1 and the Skyliner Sports Centre.

Born out of a demand for school spaces generated by population growth, the campusstyle design was adopted to facilitate future expansion and the construction of additional teaching blocks. With functionality in mind, the design has ensured that administration and infrastructure areas support ease of movement and create a flow through the academy.

The project was masterplanned from the outset. The campus design with a Heart Building and a series of teaching blocks was an approach taken to facilitate cost savings and future expansion from 600 to 1200 pupils.



SUBMITTING ORGANISATION:

CONCERTUS DESIGN AND PROPERTY CONSULTANTS LTD

CLIENT:

SUFFOLK COUNTY COUNCIL

VALUE:

£25M

ARCHITECT:

CONCERTUS DESIGN & PROPERTY CONSULTANTS

M&E ENGINEER:

MARTIN BISSELL & RAMBOLL

CONTRACTOR:

PAUL AGATE & NEILCOTT CONSTRUCTION LTD

SURVEYOR:

MICHEÁL Ó LAOCHDHA & EQUALS CONSULTING

GLENWOOD SCHOOL

FLEXIBLE SPACE KEY TO DESIGN

Glenwood School is a community special school which caters for learners aged 3 to 19 years who have a range of severe, profound and multiple learning difficulties and autistic spectrum disorders. The new two storey building has been designed to provide secure, innovative and exciting learning spaces that are flexible and adaptable to meet the needs of the 210 children and young people who attend the school.

The outstanding facilities include spaces such as sensory, swing and light rooms, a hydrotherapy pool, an in-floor trampoline room and an immersive room which uses projection imagery to provide a fully interactive engaging space through which young people with special educational needs can learn and gain enjoyment.

The internal and external approach to security, access and movement for pupils, staff and the community has been carefully considered in the design through the use of colour, access systems and fencing.

The new school is comprised of a cross laminate timber frame on ground bearing strip foundations. The façade has an element of timber cladding with render and low level brickwork. Natural ventilation is provided in all teaching spaces using a dedicated stand-alone breathing building system and copious glazing maximises natural lighting.

SUBMITTING ORGANISATION: ESSEX COUNTY COUNCIL

CLIENT:

ESSEX COUNTY COUNCIL

VALUE: £15.4M

ARCHITECT:

CURL LA TOURELLE HEAD ARCHITECTS

M&E ENGINEER:

DPL GROUP

CONTRACTOR: MORGAN SINDALL

SURVEYOR:

PICK EVERARD









Consolidating an Infant and Junior school on the same site to become a 3FE all through primary school was realised by the construction of a new accommodation block designed to link the schools. The new building provides three KS1 classrooms, four KS2 classrooms, a new MUGA and an extension to the existing car park.

The new block is south facing with an open aspect towards the existing school. This has generated a unique building section that utilises the projecting first floor as solar shading to the ground floor, and overhanging eaves and vertical solar control brise soleil at first floor level. The section also allowed assisted natural ventilation.

One classroom on each floor was designed to achieve a higher standard of acoustic design to ensure that the school can deliver an inclusive curriculum for its special needs pupils in the main teaching areas.

One of the project challenges was the diverse stakeholder group, however the detailed project execution and a communications plan meant that expectations were successfully managed.

The delivered scheme was well received by the client and the schools.

SUBMITTING: PICK EVERARD

CLIENT:

ESSEX COUNTY COUNCIL

VALUE: £2M

ARCHITECT: PICK EVERARD

M&E ENGINEER: PICK EVERARD

CONTRACTOR:

BEARDWELL CONSTRUCTION

SURVEYOR: PICK EVERARD

ROBERT CLACK SCHOOL

FIRST CLASS SPORT FACILITIES

The project comprised of a new sports hall at the Robert Clack High School, Dagenham. The new development provided the school with a first class sports facility for use by both the school and local community. The accommodation consisted of a fully equipped sports hall, dance and fitness studios and changing facilities.

The sports hall and dance studio section of the building was constructed using a single storey steel framed structure with an insulated cladding type roof finish. The external envelope of the building was constructed using a combination of facing brickwork and decorative timber effect rainscreen cladding, with aluminium curtain walling and windows. The changing facilities element of the new building were constructed within a traditional single storey structure with a decorative blockwork external masonry finish. Internally, specialist timber sprung flooring was installed within the sports hall and dance studio.



SUBMITTING ORGANISATION: CONCERTUS DESIGN AND PROPERTY CONSULTANTS LTD

CLIENT:

BARNES CONSTRUCTION

VALUE: f4.2M

ARCHITECT:
CONCERTUS DESIGN AND

PROPERTY CONSULTANTS LTDARCHITECTS

M&E ENGINEER:

CONCERTUS DESIGN AND PROPERTY CONSULTANTS LTD

CONTRACTOR:

BARNES CONSTRUCTION





WHERRY FREE SCHOOL

UNIQUE SPACES

The Wherry School is an all-through special school for pupils with Autism Spectrum Disorders (ASD).

The design adopted the following complex and sometimes contradictory ASD design drivers: acoustics, SPatial sequencing, escape space, compartmentalization, transition zones, sensory zoning and safety.

Pupils with ASD may have an altered sense of their environment so their safety is of critical concern so detailing has been carefully considered. So depending on a pupil's needs at different times of the school day, various types of spaces can be used such as escape spaces in the form of individual learning rooms, and quiet zones provide respite from sensory overstimulation.

The sensory environment of each activity has been defined, with spaces organised into compartments to provide sensory cues as to what is expected of the user in each space, with minimal ambiguity. Liminal spaces are provided between different sensory zones to help the pupils recalibrate their senses as they move from one level of stimulus to the next.







SUBMITTING ORGANISATION:

MACE

M&E ENGINEER: PICK EVERARD

CLIENT:

CONTRACTOR:

ESFA

KIER

VALUE: £7M PM MACE

ARCHITECT:

MACE

FLITCH GREEN ACADEMY

CLEVER INFILL INCREASES CAPACITY

The Academy project enabled a 105 pupil-place expansion of the school by delivering a single storey extension attached to the western façade of the school building, linked to an existing corridor, thus enclosing a courtyard at the centre of the plan. The increased accommodation provides three additional classrooms with associated storage, cloakroom space and toilet facilities.

The scheme also includes a external canopy adjacent to one of the infant classrooms on the existing eastern façade, which became a second reception class as part of the expansion.

Externally, the scheme increased existing staff car parking to provide 11 more parking spaces, and provided for the installation of a multi-use games area, adjacent to the southern boundary of the site, which serves as compensation for a notional deficit of playing field space due to increased pupil numbers.

SUBMITTING ORGANISATION: PICK EVERARD

CLIENT:

ESSEX COUNTY COUNCIL

VALUE: £956K

ARCHITECT: PICK EVERARD **M&E ENGINEER:** PICK EVERARD

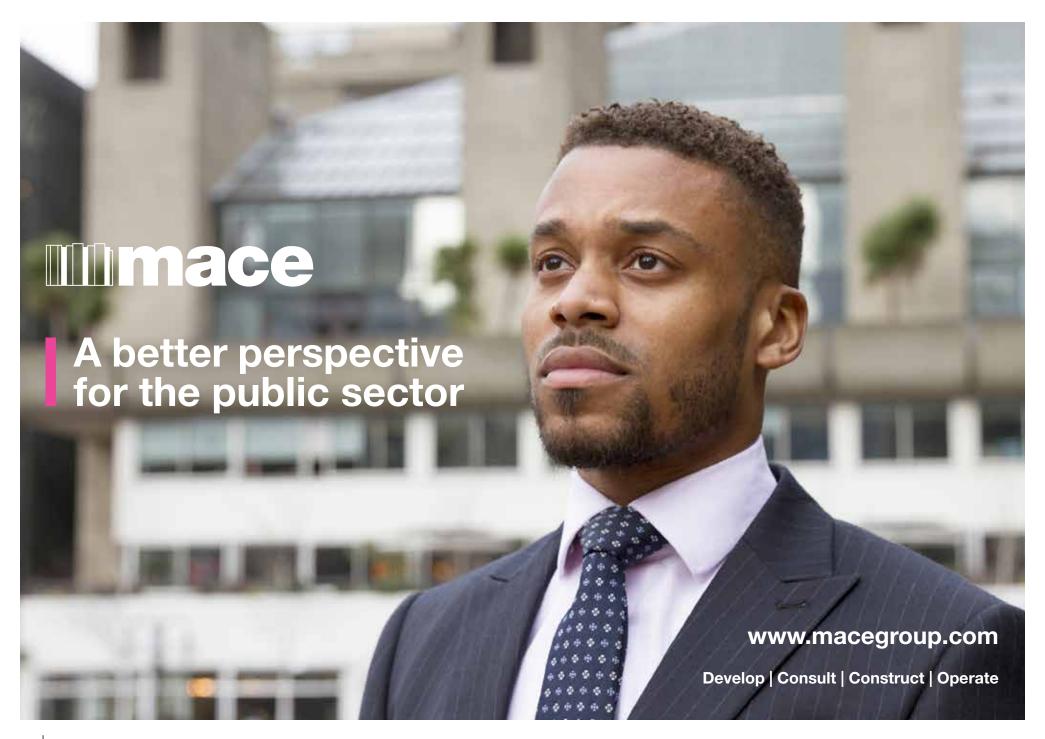
CONTRACTOR:

BEARDWELL CONSTRUCTION LTD

SURVEYOR: PICK EVERARD









NOMINATIONS

SOUTH EAST & LONDON

ALEXANDRA CENTRE

TRANSFORMATION BENEFITS YOUNGSTERS

Based in the Grade II-listed former Jack Taylor school on the Alexandra Estate, The Alexandra Centre provides learning, multi-agency health, therapy and short-stay accommodation for 16-25 year olds with Profound and Multiple Learning Disability (PMLD) and/or autism, preparing students for semi-independent living. Currently in Camden there are very few further education options for young people with PMLD and/or autism. The refurbished building and new accommodation provide a vital facility to meet an extremely challenging brief.

The existing building was in a poor state of repair and had suffered from several ill conceived additions throughout the years. The project sought to adapt the existing building for modern flexible teaching methods with a greater emphasis on technology. A single storey, prefabricated timber 'Passivhaus' has been introduced to the site to provide the living accommodation. The existing building has been adapted, repaired and altered to return areas of the building to the original Neave Brown design.

The project has been complex, given the lack of precedent for the brief; the celebrated modernist setting; the multi-headed client; and the severe site constraints but the solution has been a success







SUBMITTING ORGANISATION:

HAVERSTOCK

CLIENT:

LONDON BOROUGH OF CAMDEN

VALUE: £5.5M

ARCHITECT: HAVERSTOCK M&E ENGINEER: WSP GROUP

1101 011001

CONTRACTOR:

ROOFF

SURVEYOR:

BAQUS

MORELAND PRIMARY SCHOOL

SCHOOL ENRICHES WIDER COMMUNITY

Moreland Primary School and Children's Centre is a key community resource located within the King Square Estate, Islington. The building identifies itself within a new and important public realm and provides a strong street frontage.

The new 2FE school was built within the site of the existing school, which was in full occupation throughout the works. This engendered a creative solution to the siting, phasing, design and buildability of the new school. Collaboration and consultation with a wide and varied stakeholder group was central to the design process.

The school includes recreation, training and support facilities, making it a fantastic and much welcomed community resource.

The high quality, robust, brick façade was a reaction to the important siting of the new building within Islington. It adds a richness of civic quality to the urban fabric and gives a new street frontage. It is not afraid to interact with the street, as is sometimes the first reaction when designing a sensitive building such as a primary school, although it retains a playful nature.

SUBMITTING ORGANISATION: M HAVERSTOCK EL

CLIENT:

ISLINGTON COUNCIL

VALUE: £10.3M

ARCHITECT: HAVERSTOCK **M&E ENGINEER:**

ELEMENTA CONSULTING

CONTRACTOR:

MORGAN SINDALL

SURVEYOR:

BAILEY GARNER









LONDON | COMPLETED AUGIST 2017

BRIDGEWOOD CARE HOME

INNOVATIVE CARE HOME

This new-build 70 bedroomed 'brownfield' development replaces three care homes, formerly owned and managed by Enfield Council.

The L-shaped, three storey building, comprises two household 'cluster' wings, spread over three floor levels. Each wing is separated by a 'core', which include social facilities such as a hair dressing salon, cinema, social club, library and multi-faith room. The result is an efficient building footprint, which minimises corridor space.

Key challenges were dealing with the constrained nature of the site and addressing town planning stipulations for the complex not to feel overdeveloped and for the building to be neither institutional in character nor over-dominating in respect of the adjacent listed almshouses.

The result is a building that provides an appropriate setting for its neighbours, achieves active street frontages by locating all plant and services within the roof space, maximises the potential for external wheelchair accessible amenity space to the south and west, retains as many of the existing mature trees as possible and provides a fitting architectural statement at the adjacent busy road junction.



SUBMITTING ORGANISATION:

ATKINS LIMITED

CLIENT:

ENFIELD BOROUGH COUNCIL

M&E ENGINEER: ATKINS LIMITED

CONTRACTOR:

MORGAN SINDALL

VALUE: £9.7M

ARCHITECT:

ATKINS LIMITED

WEST HERTS COLLEGE PHASE 1

IDYLLIC COLLEGE CAMPUS

The campus is set in a tranquil open landscape with a lovely riverside character. The site had many environmental and ecological constraints including a chalk river, culvert, 3a flood zone, trees with preservation orders, conservation area location and two water source bore holes supplying drinking water to Hemel Hempstead and beyond.

These constraints informed the building location and form. The building was designed in a horseshoe shape to maximise the riverside setting and avoid any overshadowing. This form created an external social space for the students which opens out down to the river and soft landscaping.

Construction methodology was carefully considered during the early design stages to ensure there would be no contamination of the aquifer. Successful negotiations with the water company and the Environment Agency were key to gaining planning consent.

The result is a 4,200 m2, three storey, brick and render building located back from the pavement with an imposing street frontage in the heart of Hemel Hempstead. It offers predominantly traditional classrooms and breakout spaces to deliver the curriculum. The student support areas are located behind the fully glazed frontage and are easily accessed by all. A canteen is located to the rear of the site with open views down to the river

SUBMITTING ORGANISATION:

IBI GROUP

CLIENT:

GILL O'CONNELL & WEST HERTS
COLLEGE

VALUE:

£16M

ARCHITECT: RAY LIU & IBI GROUP

M&E ENGINEER:

MARTIN BISSELL & RAMBOLL

CONTRACTOR:

PAUL AGATE & NEILCOTT CONSTRUCTION LTD

SURVEYOR:

MICHEÁL Ó LAOCHDHA & EQUALS











LONDON | COMPLETED SEPTEMBER 2017

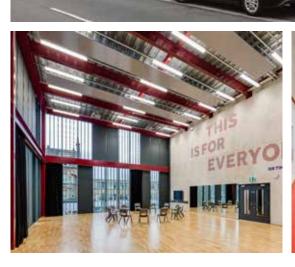
HARRIS INVICTUS **ACADEMY**

ASPIRATIONAL TEACHING SPACES

Harris Invictus Academy is a new Free School for 1180 secondary pupils in West Croydon conceived via a partnership between Invictus, a grass roots community group, and the Harris Federation.

The school sits on a very constrained, inner city site running directly adjacent to London Road, which suffered extensive damage in the 2012 riots. The local authority has undertaken significant improvements to the local public realm with the school being an integral part of this regeneration process. This aspiration for a highly accessible public building with a real civic presence had to be reconciled with the school's requirement for safeguarding. A highly collaborative process involving extensive engagement between the designers, local authority, school sponsor, ESFA, teachers, students and the community played a pivotal role in the successful completion of this aspirational teaching and learning environment.

The school is accessed directly from the main road; reinforcing the community facing presence and further supporting it as a focal point within the community. The highly active frontage enables the building to engage with the high street by offering strategic, filtered views into key internal spaces through the layered façade that provide privacy where required, together with fleeting glimpses into the community accessible spaces.





SUBMITTING ORGANISATION:

EDUCATION AND SKILLS FUNDING AGENCY

CLIENT:

EDUCATION AND SKILLS FUNDING AGENCY

VALUE:

£24M

M&E ENGINEER:

HALSION

CONTRACTOR:

GALLIFORD TRY

SURVEYOR:

MACE

GRANGE PRIMARY SCHOOL

TRANSFORMED INTO A WARM WELCOMING SCHOOL

Grange Primary school has been transformed from a school once hidden behind defensive walls and fences into a warm, welcoming public building.

A masterplan approach relocated ancillary and public-facing functions from the existing building and spread them out along the full length of the street elevation in a series of characterful pavilions. The result provided a much needed public presence to the school and freed space in the existing building for additional classrooms, keeping expanded year groups in key-stage clusters.

The roof profile of the new building is informed both by the building programme and context, in a highly animated street frontage. The spaces between the pavilions address the complex layered access requirements.

The building, acting as site boundary, has been set back from the pavement to allow a generous public forecourt. New tree planting within the school and to the street create a green link between the playground and park opposite. The greening of the site has been completed by converting a 24 space car park to a dedicated early years play space.

Overall, the scheme captured Grange's outward reaching character and connection to the community with a generous engaging building.

SUBMITTING ORGANISATION:

MACE

CLIENT:

LONDON BOROUGH OF SOUTHWARK

ARCHITECT:

MACCREANOR LAVINGTON ARCHITECTS

M&E ENGINEER:

WATERMAN BUILDING SERVICES

CONTRACTOR:

MORGAN SINDALL GROUP

SURVEYOR:

KEEGANS









LONDON | COMPLETED AUGUST 2017

IVYDALE SCHOOL

BUILDING A NEW AND BOLD IDENTITY

The new Inverton Building for Ivydale School doubles the school's existing capacity to accommodate KS2 children in a 4FE primary school. It was completed in August 2017 in time for the academic year.

The new building is located on a site near the existing Victorian school building. Taking the school name and existing building as inspiration, a distinctive green glazed brick in a triangular pattern gives the Inverton Building a strong, bold identity. This pattern and colour scheme continues inside creating a welcoming and calm environment. In addition to extensive consultations, engagement centred on the children, which offered a valuable learning opportunity.

The project focused on creating inspiring, flexible spaces which perform well. Internally, the layout is a simple square arrangement. Staff and administrative spaces are located to the front of the building, offering a view to the street that connects the two schools. Classrooms are located on opposite sides with a central double height atrium and hall, providing the school with flexible performance spaces in line with their arts specialism. These spaces feature exposed crossl laminated timber and glulam structures, which adds to the calming atmosphere.

SUBMITTING ORGANISATION:

MACE

ARCHITECT: LORNA RYAN

CLIENT:

LONDON BOROUGH OF SOUTHWARK

CONTRACTOR:

M&E ENGINEER:

WATERMAN BUILDING SERVICES

VALUE:

NOT DISCLOSED

LEE WILSON

SURVEYOR:

KEEGANS



BECKET KEYS SCHOOL

DESIGN SOLUTION DELIVERED

A new three storey replacement teaching block was developed via closed panel timber frame solution on the south eastern corner of the grounds at the school. This was the last phase of work to provide teaching facilities to the full cohort of 1,050 students for September 2017.

The block delivered further teaching space, shared community space and a sixth form centre. Other works included the demolition of the 'caretakers house' and 'Block 2' and the extension and refurbishment of outside areas to create three netball courts and an informal play area.

The project was procured under a two stage process and delivered on time and to budget.

SUBMITTING ORGANISATION: MACE

CLIENT:

RUSSELL EDUCATION TRUST

ARCHITECT:

INNES ASSOCIATES

VALUE: £3M

IE:

SURVEYOR: MACE GROUP PM

M&E ENGINEER:

PINNACLE ESP

CONTRACTOR:

LOGAN CONSTRUCTION

MACE GROUP







SLOUGH | COMPLETED MARCH 2017

LYNCH HILL SCHOOL

OFF-SITE CONSTRUCTION KEY TO SUCCESS

Lynch Hill Enterprise Academy is a 6FE secondary school and delivered for the Education Skills Funding Agency.

Following an initial delay in identifying a suitable site, construction works started at the end of 2015 with demolition of the existing structures on site and the commencement of groundworks.

The first modules formed the new sports hall which was manufactured in Ireland and transported to Slough, arriving on site in March 2016. Groundwork progressed as further modules were delivered to site until there were a total of 146 modules, all within five months.

The modules were arranged around a central steel framed "spine", with another steel frame forming a four-court sports hall and main hall above the dining hall. Delivered with first fix pre-installed, second fix and final decoration was completed swiftly to a high quality.

The 1,100 place secondary school was delivered ahead of programme and to the allocated budget.







SUBMITTING ORGANISATION:

M&E ENGINEER:

BLUE SKY ARCHITECTS

CLIENT: ESFA

MACE

CONTRACTOR:

MCAVOY

VALUE: £21M

SURVEYOR: MACE

ARCHITECT:

PM:

BLUE SKY ARCHITECTS

MACE

CORAL REEF WATERWORLD

ENERGY EFFICIENT WATERWORLD

This project involved the demolition and complete removal of the existing timber glulam beam roof over the main pool hall and replacement with a new steel truss roof. Ancillary roofs were overhauled and repaired and the existing ride tower demolished. Five new flumes were constructed which are supplemented with audio visual special effect systems.

The interior of the internal public facing areas were completely refurbished comprising a main reception area, Changing Village, Dunes Cafe, Coral Spa and Lazy River.

Despite the increase in energy demand from the new flumes, the overall design ensured a reduction. Also, significant annual savings on maintenance are anticipated as result of an accessible walkway above the pool.

New clearstory windows around the perimeter of the pool hall roof allows increased levels of natural light to penetrate the pool hall reducing the reliance on artificial lighting. Effect lighting in the pool hall also enables Coral Reef to offer customised themed events and enhance the interior space outside of daylight hours.

Having welcomed more than ten million visitors since its opening in 1989 the new iconic fume rides will ensure the attraction's longevity and provide a modern leisure facility for Bracknell residents and the wider community.

SUBMITTING ORGANISATION:

ATKINS LTD

CLIENT:

BRACKNELL FOREST COUNCIL

VALUE:

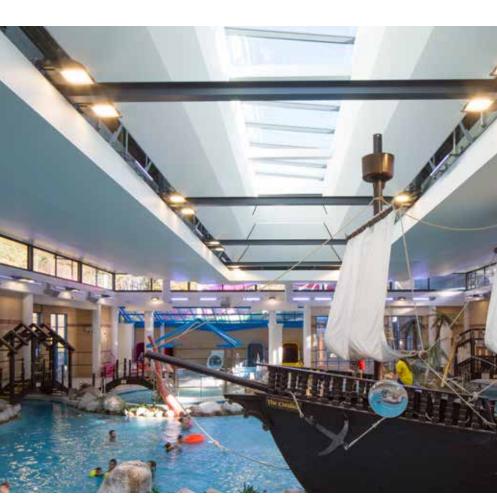
£12.3M

ARCHITECT: ATKINS LTD **M&E ENGINEER:**

ATKINS LTD

CONTRACTOR:

BRYMOR CONTRACTORS LTD











NOMINATIONS

WALES & SOUTH WEST







NOMINATED

OAKDALE | COMPLETED APRIL 2017

ISLWYN HIGH SCHOOL

STATE OF THE ART HIGH SCHOOL

Islwyn High School was constructed under the Welsh Government's 21st Century Schools Programme, replacing the ageing Oakdale and Pontllanfraith comprehensive schools with a new 'state of the art' facility.

The new school accommodates 1000 pupils and includes a special resource base accommodating a further 50 pupils.

The 'L' shaped building separates accommodation into a teaching block and sports block, providing facilities for education and the wider community with its sports hall, changing rooms, fitness suite, hall and activity room. The fully glazed two-storey link accommodates the dining area and provides a transitional zone between the two blocks. The teaching block's central spine provides open learning spaces on all floors and natural lighting through the corridors which floods into the classrooms through glazed screens.

Outdoors, a 3G pitch, netball court and tennis courts are separated from the building by social play areas, outdoor dining and covered informal seating. To the west of the building, teaching resources are provided in the garden, pond and ecology areas and an amphitheatre accommodates outdoor teaching and performances.

The building's sustainability credentials include achievement of a BREEAM excellent rating and an EPC rating of 'A'.

SUBMITTING ORGANISATION:

CAERPHILLY COUNTY BOROUGH COUNCIL

CLIENT:

CAERPHILLY COUNTY BOROUGH COUNCIL

VALUE:

£22.5M

ARCHITECT:

CAERPHILLY COUNTY BOROUGH COUNCIL

M&E ENGINEER:

CAERPHILLY COUNTY BOROUGH COUNCIL

CONTRACTOR:

WILLMOTT DIXON

ENTRIES FOR THE SPACES YEARBOOK AND AWARDS 2019 WILL OPEN IN DECEMBER 2018

THE DEADLINE FOR SUBMISSIONS IS END OF FEBRUARY 2019

ANY PROJECT DELIVERED VIA PUBLIC FUNDING CONTRIBUTIONS IS ELIGIBLE AND CAN BE NOMINATED BY ANY MEMBER OF THE PROJECT TEAM.

For more information please see our website www.thespaces.org.uk or contact us on awardsspaces@gmail.com.



